

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040222\
 Data File : VU047796.D
 Acq On : 02 Apr 2022 13:23
 Operator : SY/MD
 Sample : MDL04 0.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 0.5ppb

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 04 09:24:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 04 09:23:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.378	168	280038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	426847	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	419699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	171465	57.074	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.140%			
35) Dibromofluoromethane	5.292	113	154501	53.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	7.899	98	510383	49.490	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.980%			
62) 4-Bromofluorobenzene	10.632	95	180369	44.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1152	0.368	ug/l	91
3) Chloromethane	1.523	50	1857	0.531	ug/l #	81
4) Vinyl Chloride	1.607	62	1621	0.494	ug/l	95
5) Bromomethane	1.861	94	1459	0.675	ug/l	94
6) Chloroethane	1.938	64	1339	0.624	ug/l	91
7) Trichlorofluoromethane	2.141	101	2178	0.474	ug/l	100
8) Diethyl Ether	2.379	74	927	0.528	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.588	101	1199	0.437	ug/l #	77
10) Methyl Iodide	2.729	142	1105	0.418	ug/l #	80
11) Tert butyl alcohol	3.179	59	1735	2.061	ug/l #	41
12) 1,1-Dichloroethene	2.588	96	1348	0.503	ug/l	84
13) Acrolein	2.488	56	1150	2.712	ug/l	97
14) Allyl chloride	2.932	41	2063	0.542	ug/l #	93
15) Acrylonitrile	3.324	53	3917	1.940	ug/l	97
16) Acetone	2.633	43	4532	2.069	ug/l	94
17) Carbon Disulfide	2.793	76	4025	0.510	ug/l	97
18) Methyl Acetate	2.957	43	2035	0.497	ug/l	94
19) Methyl tert-butyl Ether	3.369	73	3769	0.446	ug/l	97
20) Methylene Chloride	3.051	84	1963	0.603	ug/l	94
21) trans-1,2-Dichloroethene	3.359	96	1434	0.491	ug/l	88
22) Diisopropyl ether	3.996	45	3220	0.425	ug/l #	62
23) Vinyl Acetate	3.973	43	13651m	1.987	ug/l	
24) 1,1-Dichloroethane	3.874	63	2228	0.447	ug/l #	86
25) 2-Butanone	4.716	43	5069	1.838	ug/l	94
26) 2,2-Dichloropropane	4.677	77	2222m	0.503	ug/l	
27) cis-1,2-Dichloroethene	4.677	96	1746	0.526	ug/l	83
28) Bromochloromethane	4.983	49	818	0.459	ug/l #	99
29) Tetrahydrofuran	5.063	42	3261m	1.910	ug/l	
30) Chloroform	5.095	83	2620	0.488	ug/l	100
31) Cyclohexane	5.378	56	6887	1.537	ug/l #	31
32) 1,1,1-Trichloroethane	5.317	97	2409	0.521	ug/l #	46
36) 1,1-Dichloropropene	5.536	75	1909	0.472	ug/l	93
37) Ethyl Acetate	4.825	43	2430m	0.447	ug/l	
38) Carbon Tetrachloride	5.526	117	2116	0.491	ug/l	96
39) Methylcyclohexane	6.767	83	1913	0.387	ug/l	94
40) Benzene	5.777	78	5664	0.472	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	788	0.321	ug/l #	81
42) 1,2-Dichloroethane	5.800	62	2412	0.577	ug/l	91
43) Isopropyl Acetate	5.915	43	2880	0.422	ug/l #	87
44) Trichloroethene	6.552	130	1611	0.463	ug/l	96
45) 1,2-Dichloropropane	6.793	63	1249	0.413	ug/l	97
46) Dibromomethane	6.925	93	1082	0.453	ug/l	99
47) Bromodichloromethane	7.105	83	2325	0.529	ug/l #	93
48) Methyl methacrylate	6.970	41	1223	0.391	ug/l	92
49) 1,4-Dioxane	6.967	88	546m	5.716	ug/l	
51) 4-Methyl-2-Pentanone	7.793	43	9231	1.846	ug/l	97
52) Toluene	7.973	92	3710	0.483	ug/l	94
53) t-1,3-Dichloropropene	8.218	75	2130	0.435	ug/l #	56
54) cis-1,3-Dichloropropene	7.610	75	2085	0.414	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	1409	0.429	ug/l	91
56) Ethyl methacrylate	8.333	69	1871	0.397	ug/l	94
57) 1,3-Dichloropropane	8.578	76	2352	0.440	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.472	63	444	1.320	ug/l #	46
59) 2-Hexanone	8.687	43	7713	1.881	ug/l	93
60) Dibromochloromethane	8.809	129	1741	0.461	ug/l	99
61) 1,2-Dibromoethane	8.922	107	1631	0.437	ug/l	98
64) Tetrachloroethene	8.552	164	1340	0.432	ug/l	93
65) Chlorobenzene	9.449	112	3965	0.443	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.539	131	1557	0.472	ug/l #	63
67) Ethyl Benzene	9.574	91	5964	0.407	ug/l	95
68) m/p-Xylenes	9.697	106	4541	0.788	ug/l	97
69) o-Xylene	10.102	106	2130	0.386	ug/l	93
70) Styrene	10.115	104	3150	0.344	ug/l	96
71) Bromoform	10.295	173	1384	0.411	ug/l #	86
73) Isopropylbenzene	10.484	105	4800	0.372	ug/l	98
74) N-amyl acetate	10.324	43	1854	0.363	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	10.783	83	2492	0.462	ug/l	96
76) 1,2,3-Trichloropropane	10.825	75	2994	0.485	ug/l	96
77) Bromobenzene	10.783	156	1855	0.500	ug/l	96
78) n-propylbenzene	10.906	91	6678	0.433	ug/l	95
79) 2-Chlorotoluene	10.986	91	4400	0.475	ug/l	92
80) 1,3,5-Trimethylbenzene	11.092	105	4381	0.403	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	649m	0.374	ug/l	
82) 4-Chlorotoluene	11.102	91	4598	0.427	ug/l	99
83) tert-Butylbenzene	11.423	119	4495	0.402	ug/l	97
84) 1,2,4-Trimethylbenzene	11.471	105	4464	0.413	ug/l	96
85) sec-Butylbenzene	11.645	105	4950	0.362	ug/l	96
86) p-Isopropyltoluene	11.793	119	4271	0.365	ug/l #	87
87) 1,3-Dichlorobenzene	11.748	146	3525	0.477	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	3843m	0.508	ug/l	
89) n-Butylbenzene	12.211	91	4185	0.382	ug/l	94
90) Hexachloroethane	12.481	117	1167	0.493	ug/l	91
91) 1,2-Dichlorobenzene	12.214	146	3675	0.512	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	13.002	75	565	0.421	ug/l	90
93) 1,2,4-Trichlorobenzene	13.841	180	2527	0.497	ug/l	94
94) Hexachlorobutadiene	14.021	225	1280	0.499	ug/l	82
95) Naphthalene	14.092	128	6641	0.438	ug/l	98
96) 1,2,3-Trichlorobenzene	14.333	180	2418	0.487	ug/l	96

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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

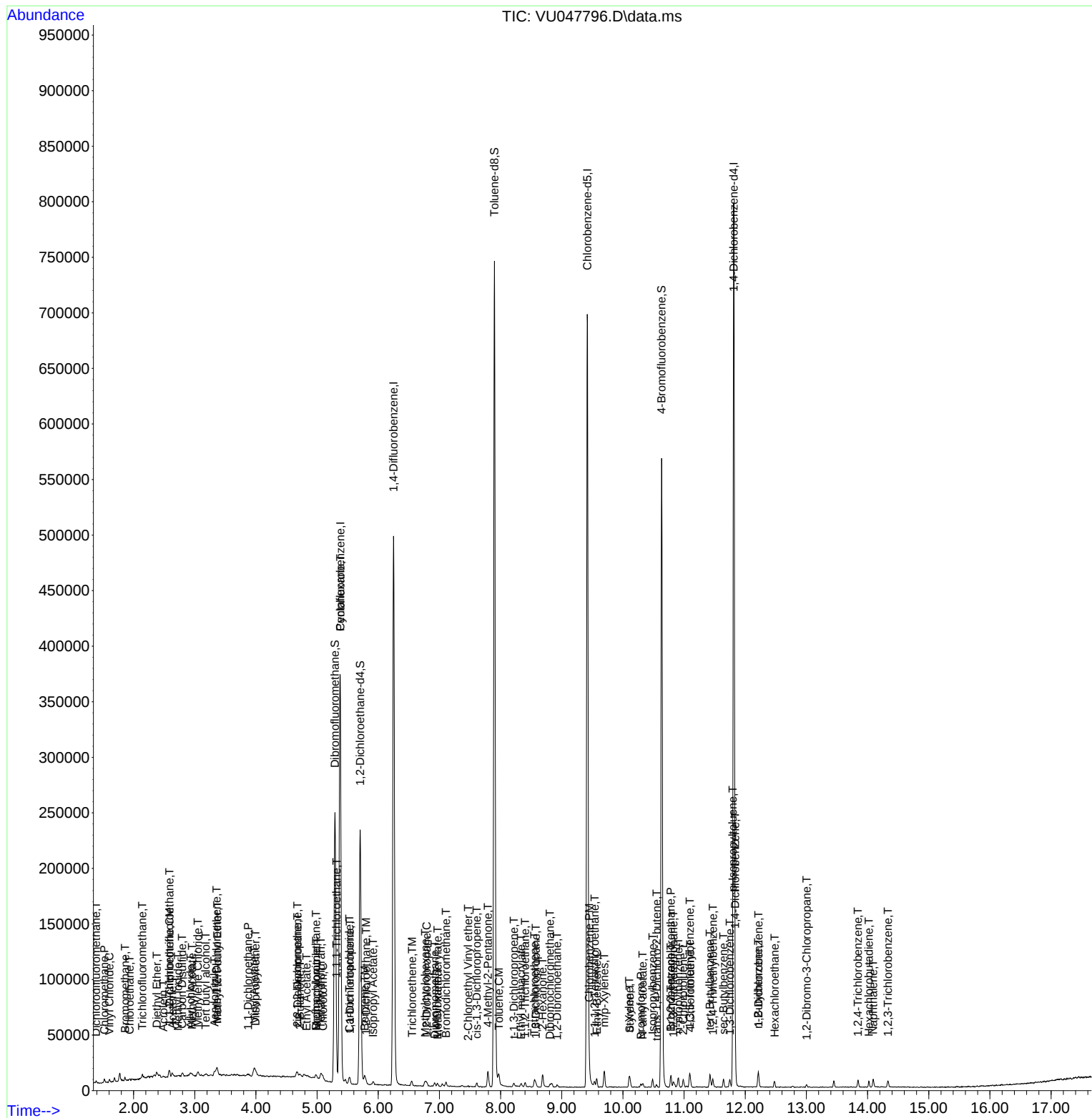
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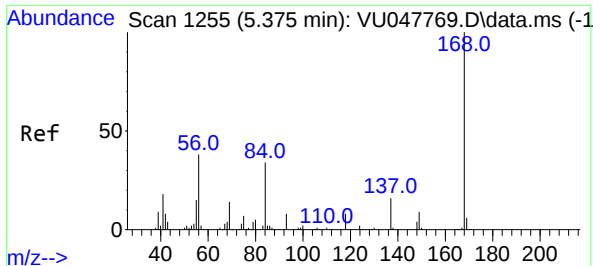
Instrument :
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MDL04 0.5ppb

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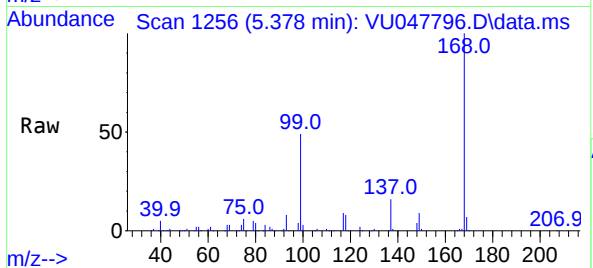
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

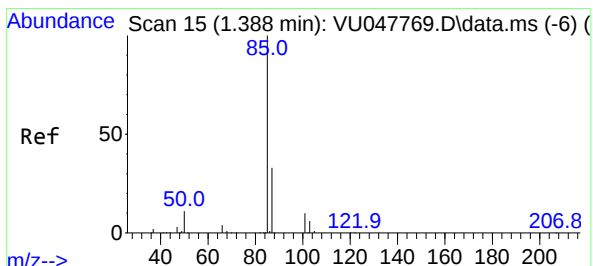
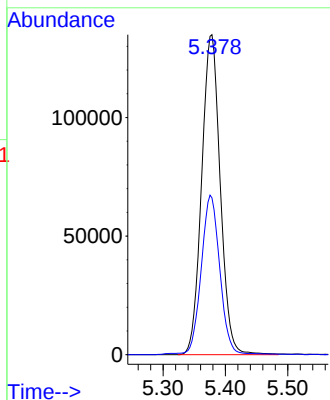
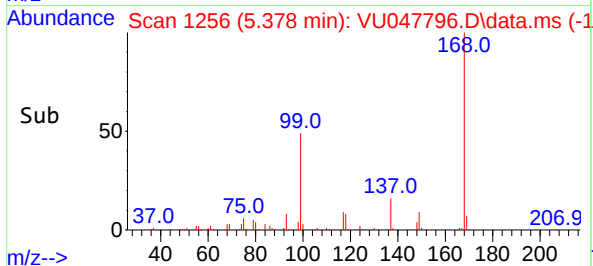
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



Tgt Ion:168 Resp: 280038
Ion Ratio Lower Upper
168 100
99 48.8 39.3 58.9

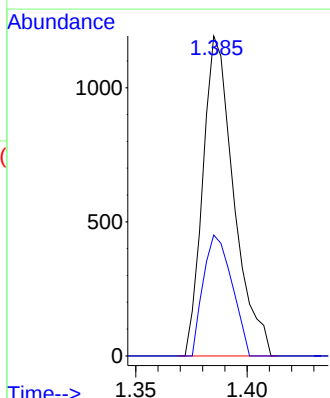
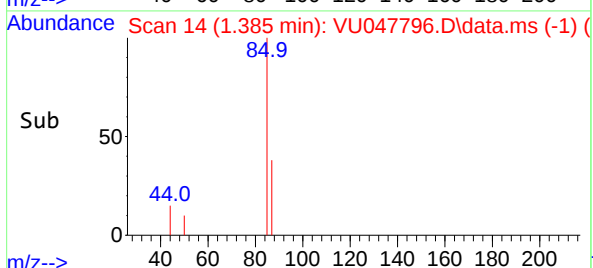
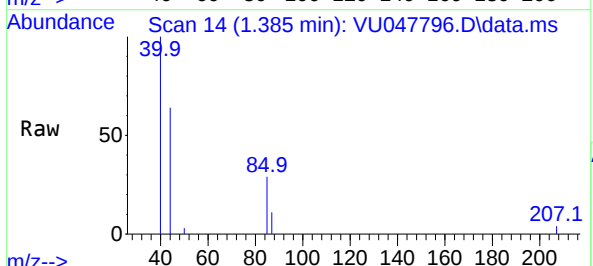
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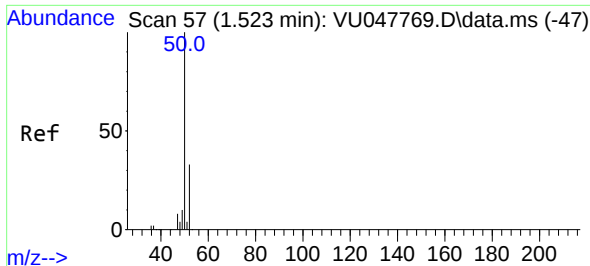
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#2
Dichlorodifluoromethane
Concen: 0.368 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

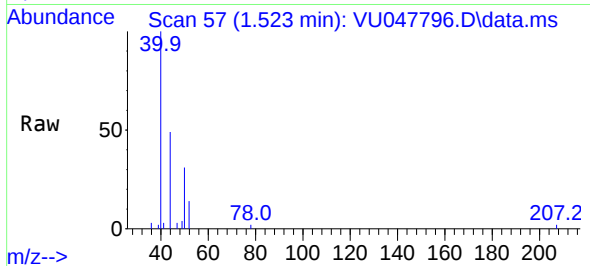
Tgt Ion: 85 Resp: 1152
Ion Ratio Lower Upper
85 100
87 37.8 16.4 49.2





#3
Chloromethane
Concen: 0.531 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

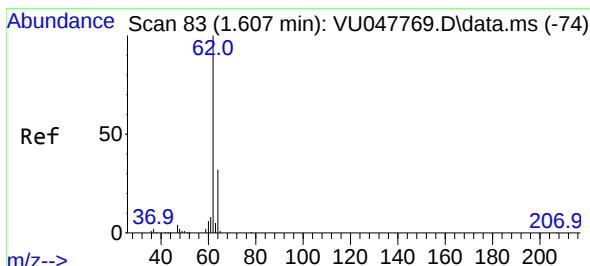
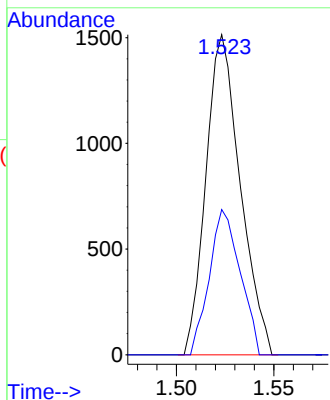
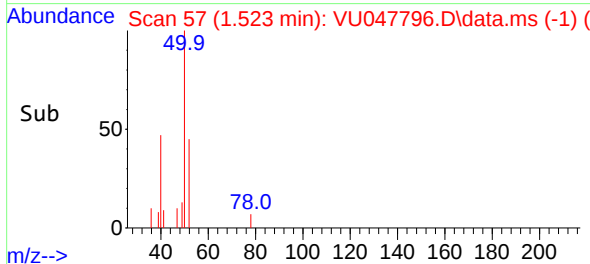
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



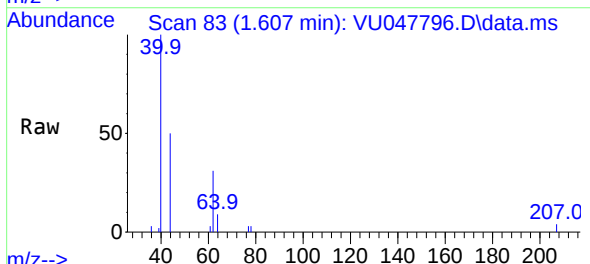
Tgt Ion: 50 Resp: 185
Ion Ratio Lower Upper
50 100
52 45.4 27.4 41.2

Manual Integrations
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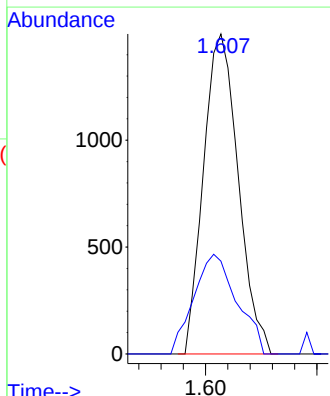
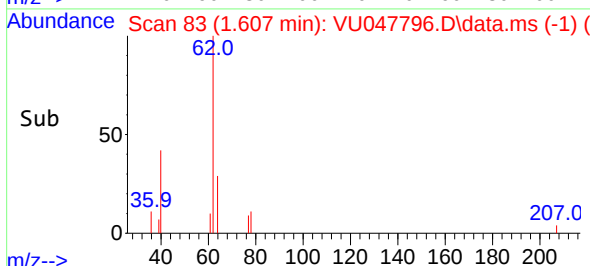
Reviewed By :John Carlone 04/04/2022
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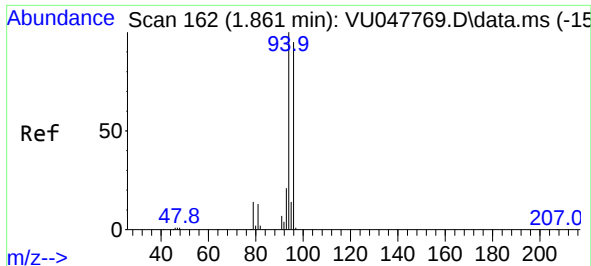


#4
Vinyl Chloride
Concen: 0.494 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



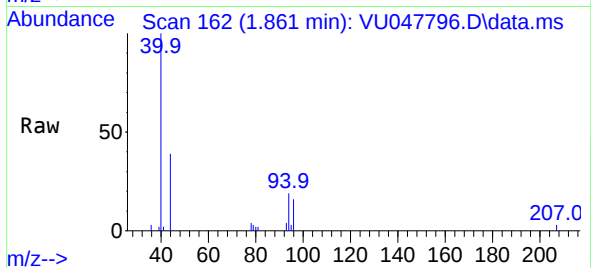
Tgt Ion: 62 Resp: 1621
Ion Ratio Lower Upper
62 100
64 29.0 25.3 37.9





#5
Bromomethane
Concen: 0.675 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

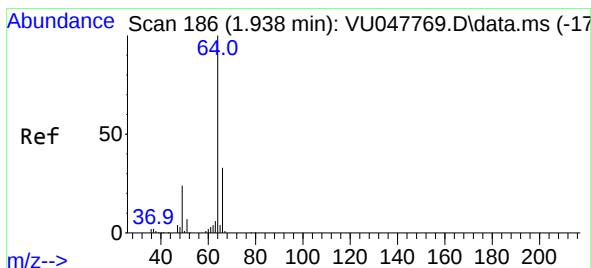
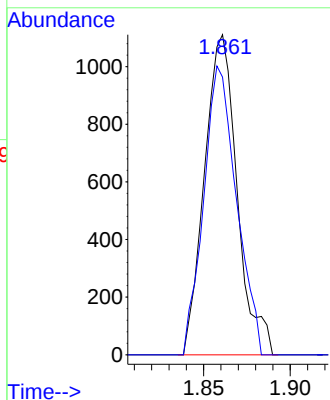
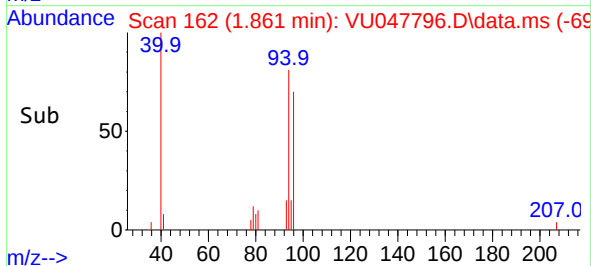
Instrument :
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ClientSampleId :
MDL04 0.5ppb



Tgt Ion: 94 Resp: 1459
Ion Ratio Lower Upper
94 100
96 86.8 73.7 110.5

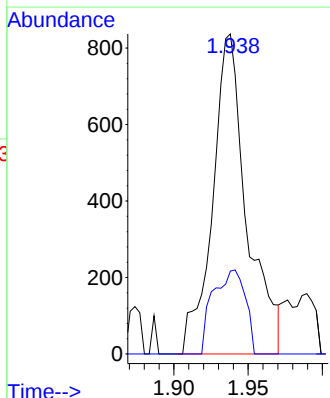
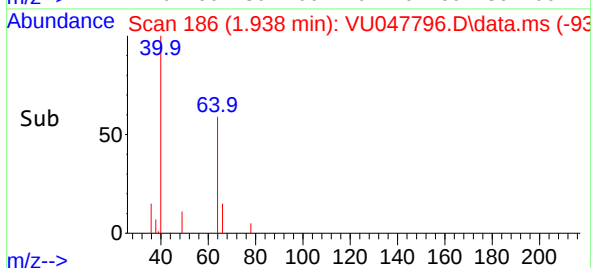
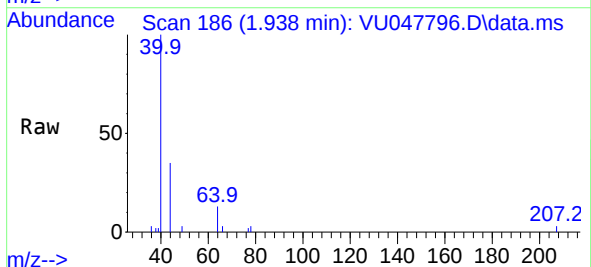
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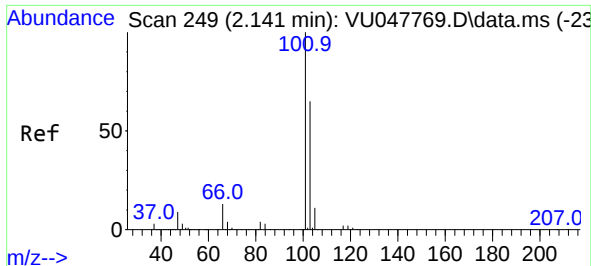
Reviewed By :John Carlone 04/04/2022
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#6
Chloroethane
Concen: 0.624 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

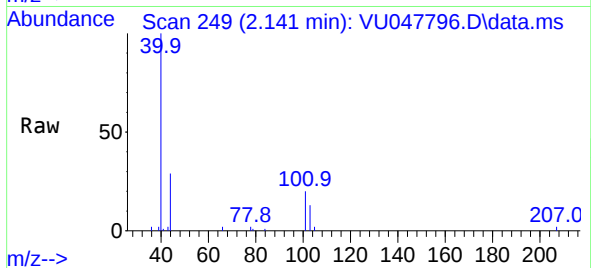
Tgt Ion: 64 Resp: 1339
Ion Ratio Lower Upper
64 100
66 25.9 24.7 37.1





#7
Trichlorofluoromethane
Concen: 0.474 ug/l
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

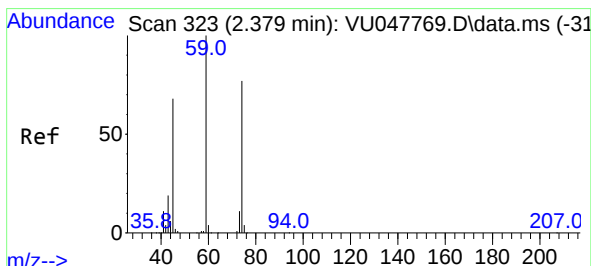
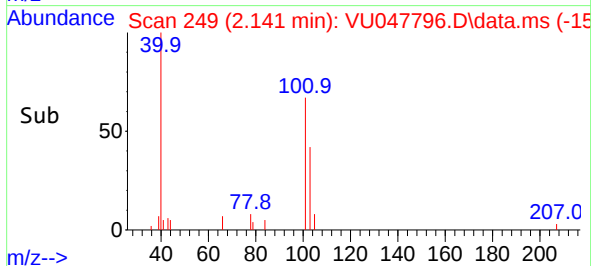
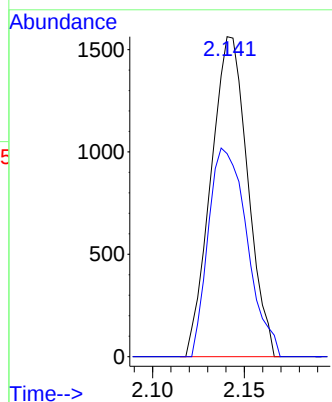
Instrument :
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MDL04 0.5ppb



Tgt Ion:101 Resp: 2178
Ion Ratio Lower Upper
101 100
103 63.5 50.6 75.8

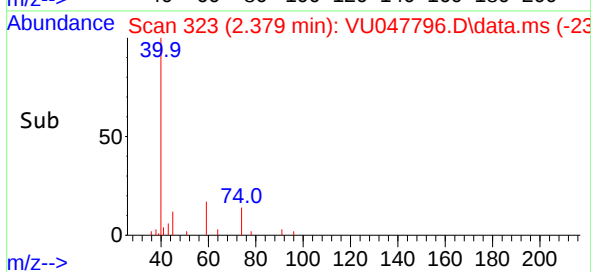
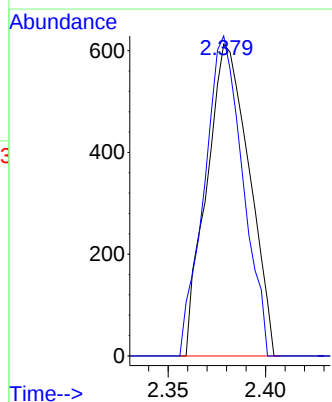
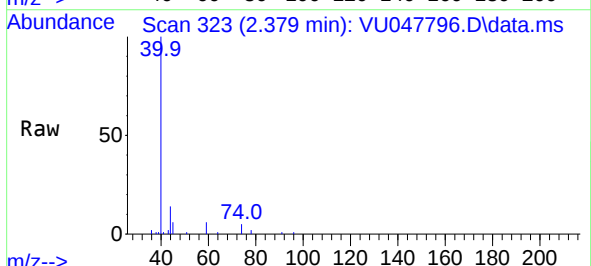
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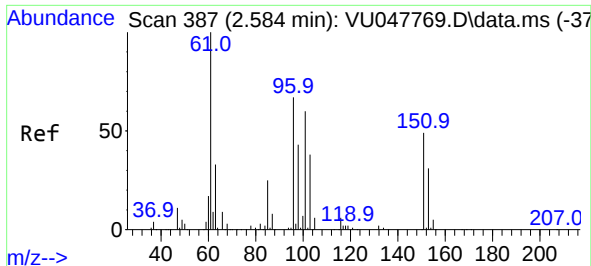
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#8
Diethyl Ether
Concen: 0.528 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

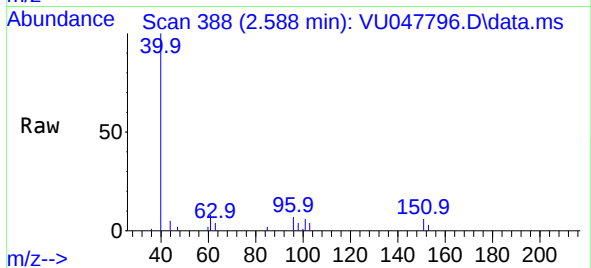
Tgt Ion: 74 Resp: 927
Ion Ratio Lower Upper
74 100
45 93.1 44.4 133.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.437 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

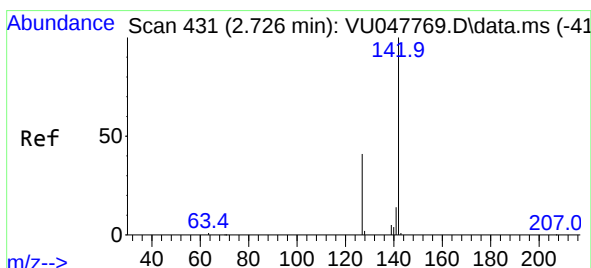
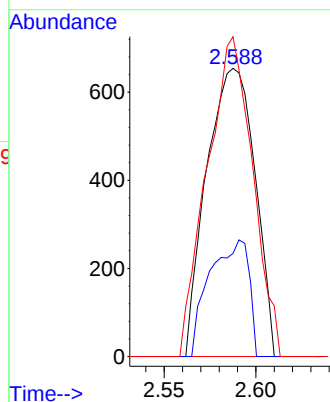
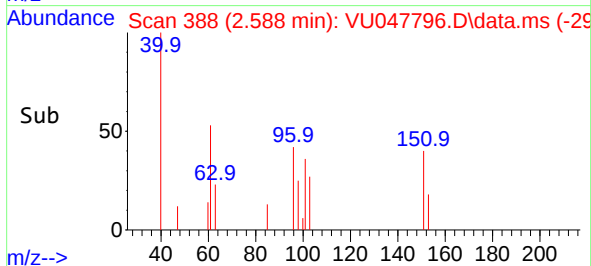
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



Tgt Ion:101 Resp: 1199
Ion Ratio Lower Upper
101 100
85 32.9 33.9 50.9
151 104.6 64.0 96.0

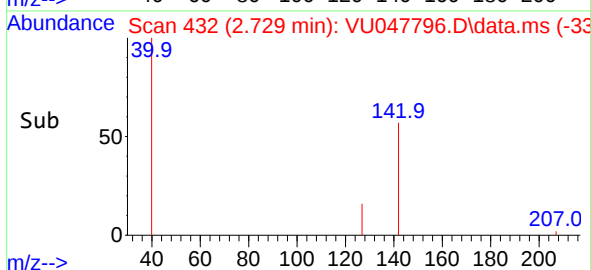
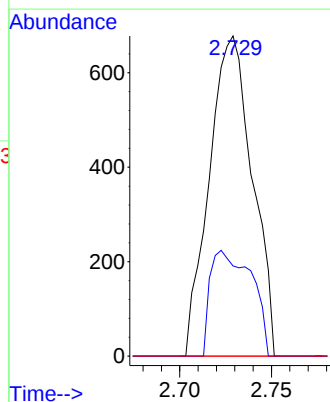
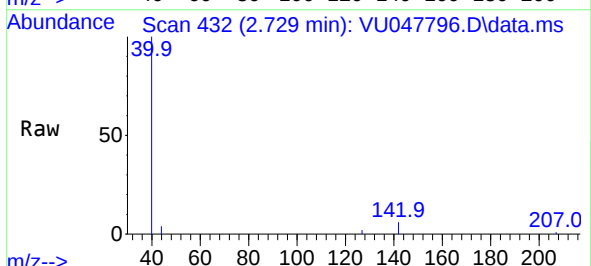
Manual Integrations
APPROVED

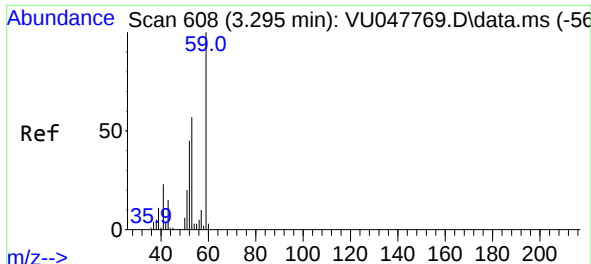
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#10
Methyl Iodide
Concen: 0.418 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:142 Resp: 1105
Ion Ratio Lower Upper
142 100
127 31.7 32.5 48.7#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 2.061 ug/l

RT: 3.179 min Scan# 51

Delta R.T. -0.116 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

Tgt Ion: 59 Resp: 173

Ion Ratio Lower Upper

59 100

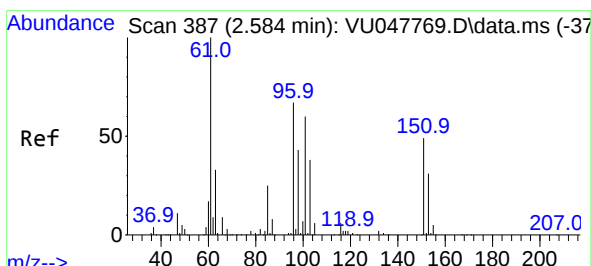
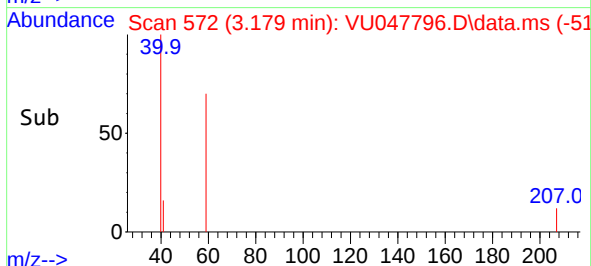
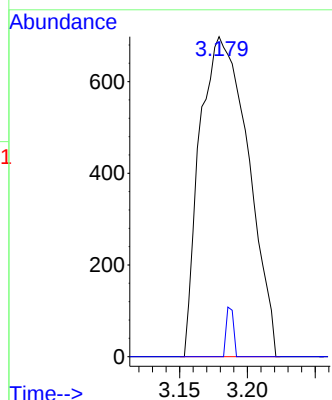
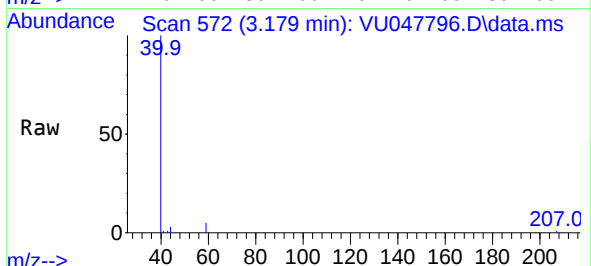
57 2.3 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#12

1,1-Dichloroethene

Concen: 0.503 ug/l

RT: 2.588 min Scan# 388

Delta R.T. 0.004 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

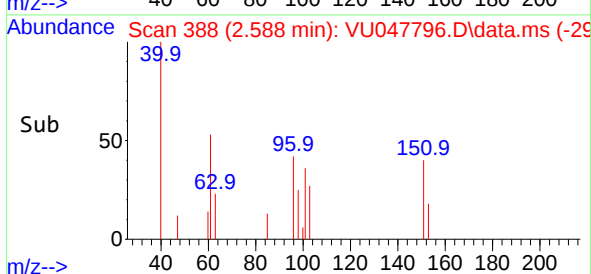
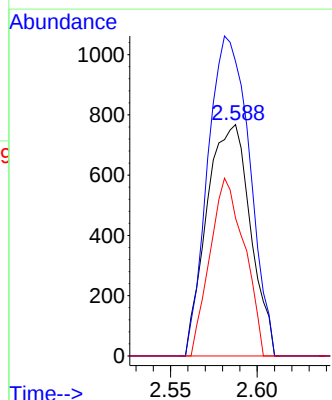
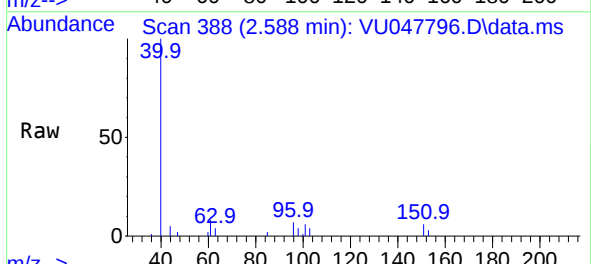
Tgt Ion: 96 Resp: 1348

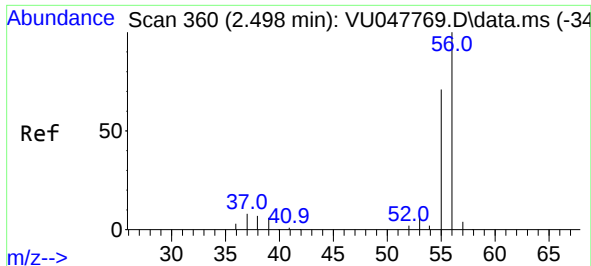
Ion Ratio Lower Upper

96 100

61 127.2 122.2 183.2

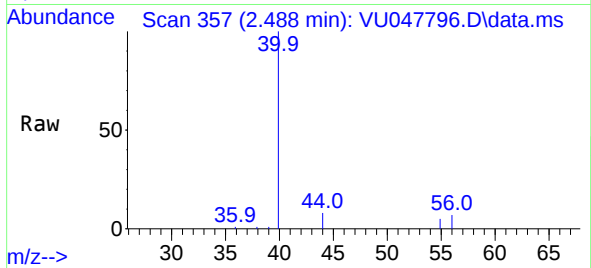
98 59.5 50.7 76.1





#13
Acrolein
Concen: 2.712 ug/l
RT: 2.488 min Scan# 311
Delta R.T. -0.010 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

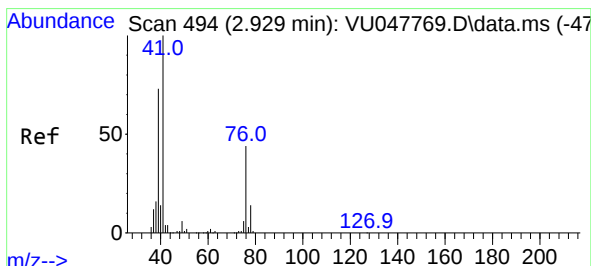
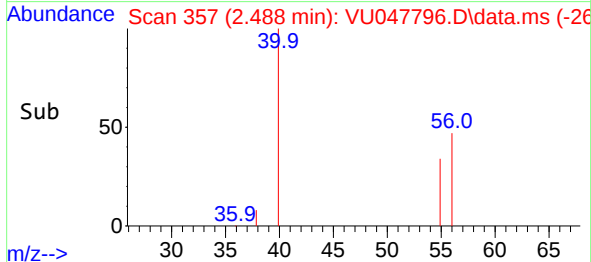
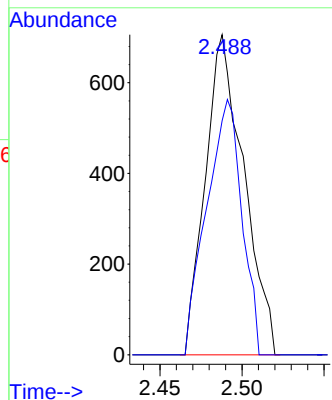
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



Tgt Ion: 56 Resp: 1150
Ion Ratio Lower Upper
56 100
55 72.9 56.6 85.0

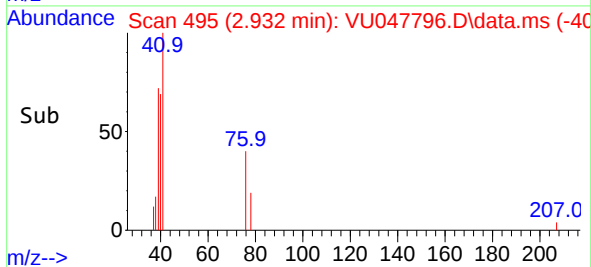
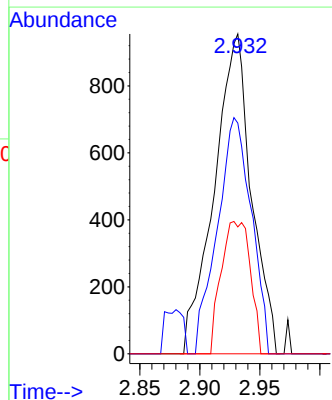
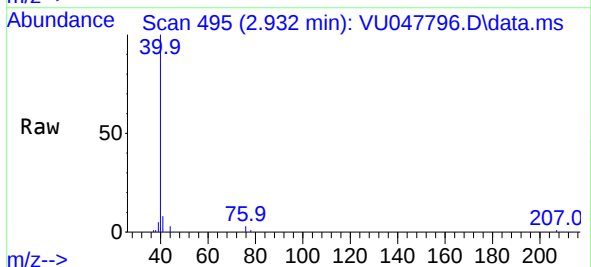
Manual Integrations
APPROVED

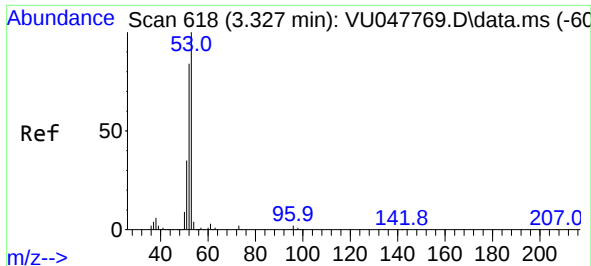
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#14
Allyl chloride
Concen: 0.542 ug/l
RT: 2.932 min Scan# 495
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

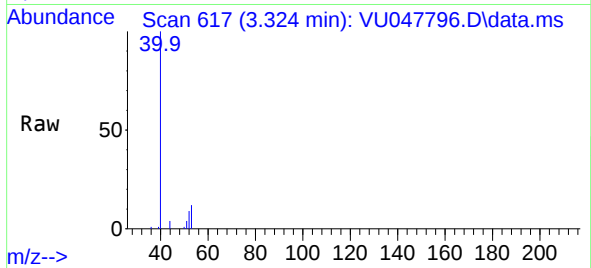
Tgt Ion: 41 Resp: 2063
Ion Ratio Lower Upper
41 100
39 67.4 53.4 80.2
76 32.3 33.8 50.6#





#15
Acrylonitrile
Concen: 1.940 ug/l
RT: 3.324 min Scan# 618
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

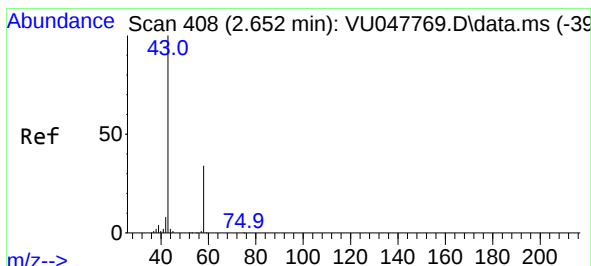
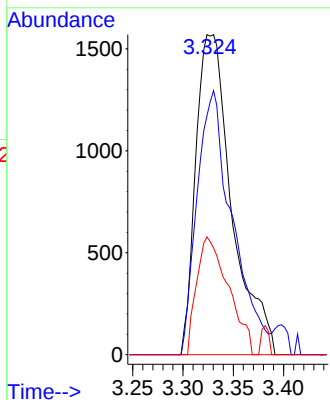
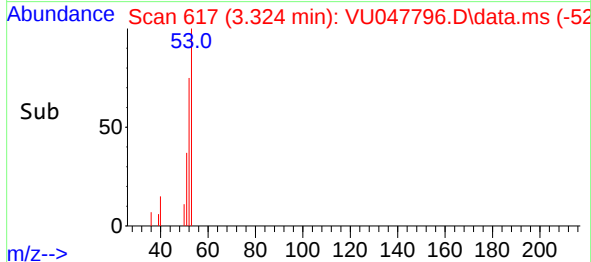
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



Tgt Ion: 53 Resp: 3917
Ion Ratio Lower Upper
53 100
52 80.5 65.7 98.5
51 32.4 28.2 42.4

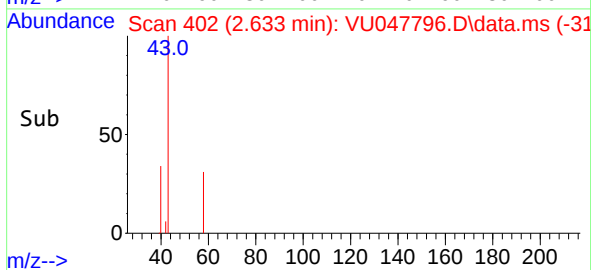
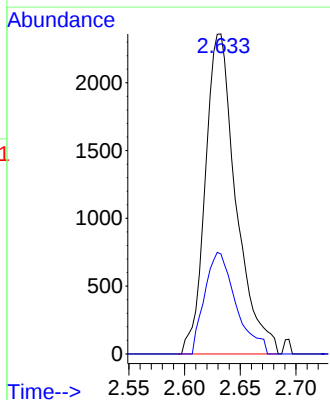
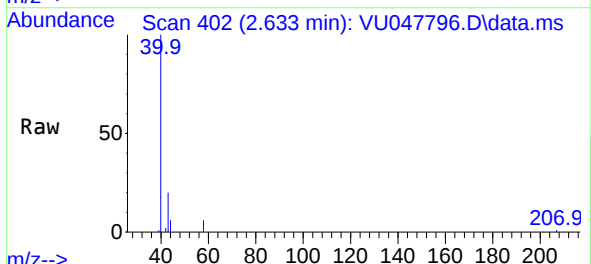
Manual Integrations
APPROVED

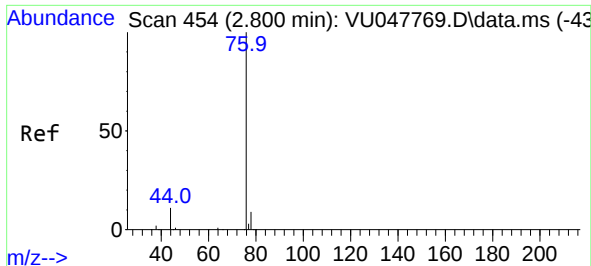
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#16
Acetone
Concen: 2.069 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.019 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

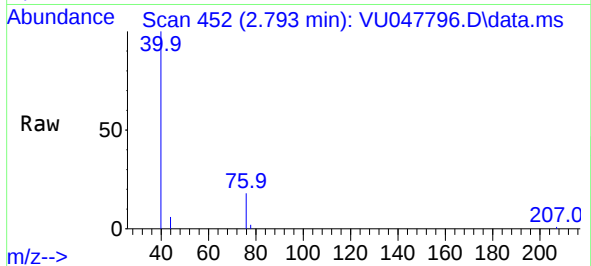
Tgt Ion: 43 Resp: 4532
Ion Ratio Lower Upper
43 100
58 31.2 27.5 41.3





#17
Carbon Disulfide
Concen: 0.510 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.007 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

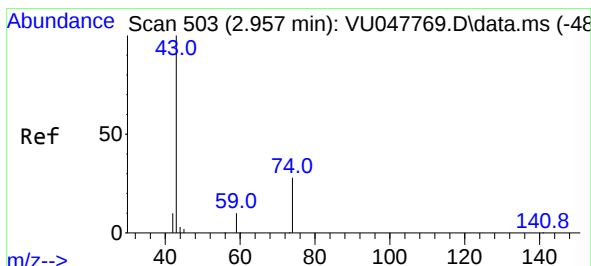
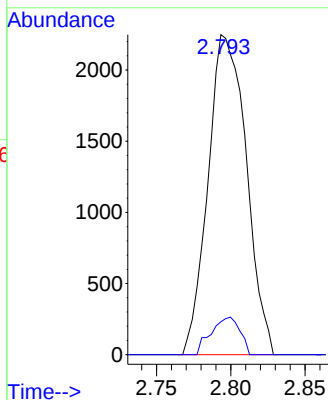
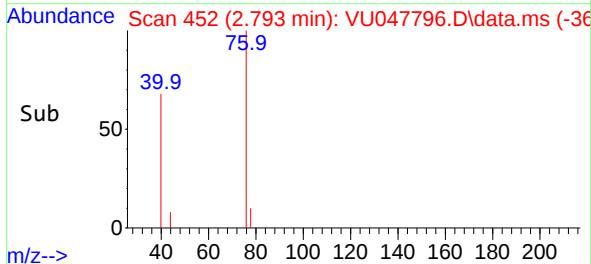
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



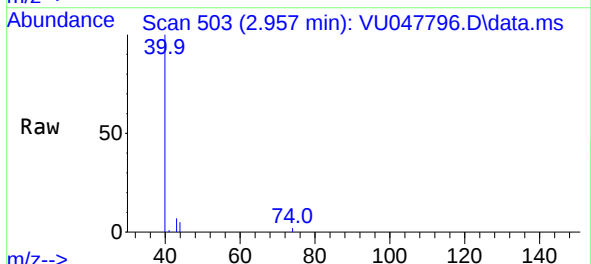
Tgt Ion: 76 Resp: 4025
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9

Manual Integrations
APPROVED

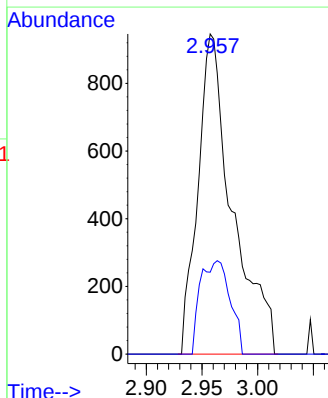
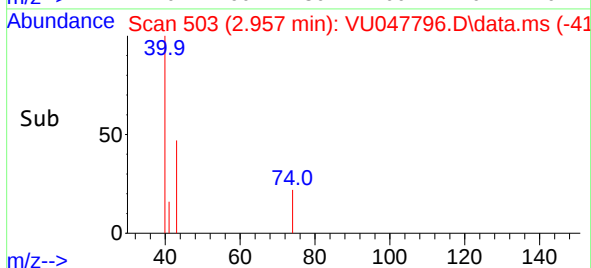
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

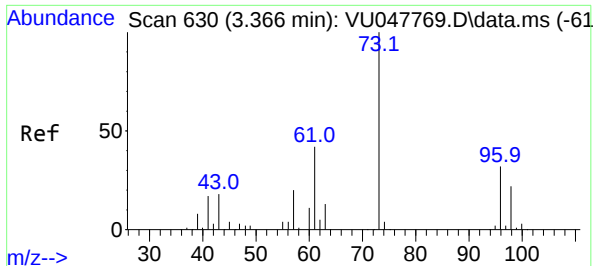


#18
Methyl Acetate
Concen: 0.497 ug/l
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



Tgt Ion: 43 Resp: 2035
Ion Ratio Lower Upper
43 100
74 25.2 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 0.446 ug/l

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

Tgt Ion: 73 Resp: 3769

Ion Ratio Lower Upper

73 100

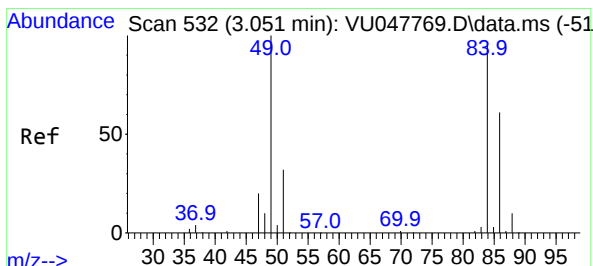
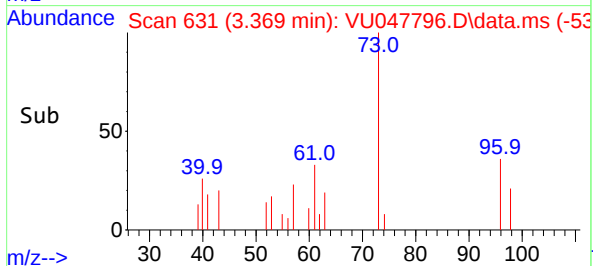
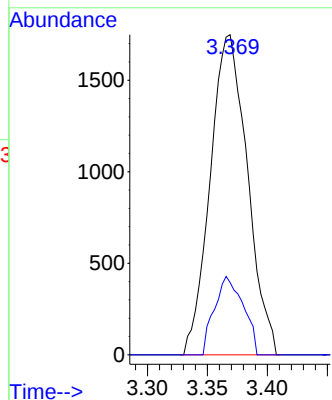
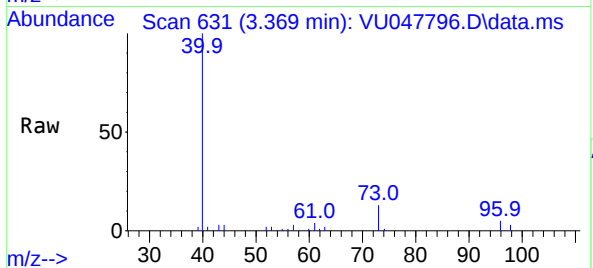
57 22.6 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#20

Methylene Chloride

Concen: 0.603 ug/l

RT: 3.051 min Scan# 532

Delta R.T. -0.000 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Tgt Ion: 84 Resp: 1963

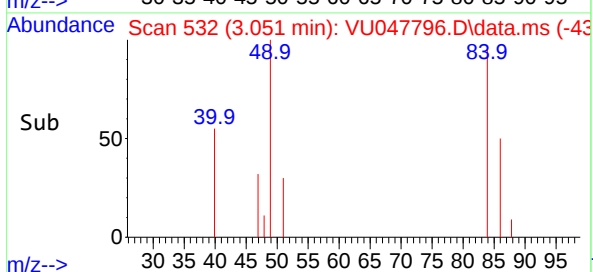
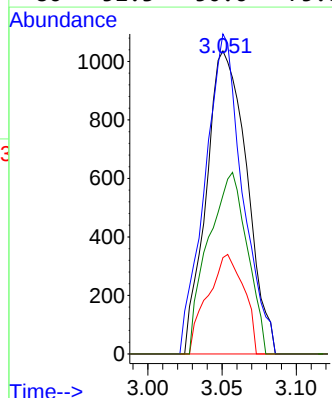
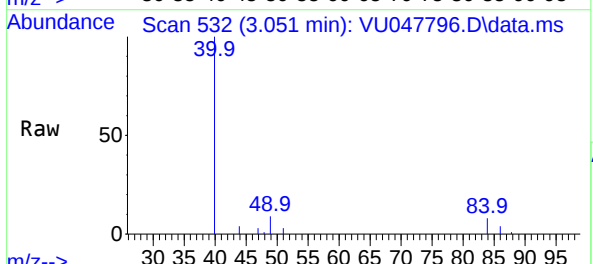
Ion Ratio Lower Upper

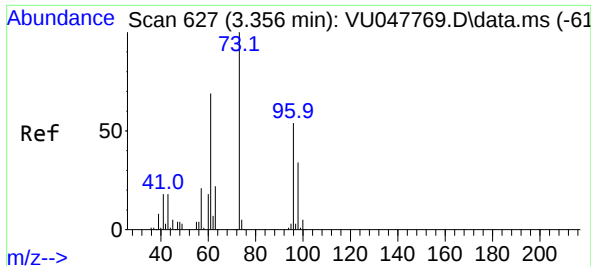
84 100

49 105.6 86.6 129.8

51 31.8 26.6 40.0

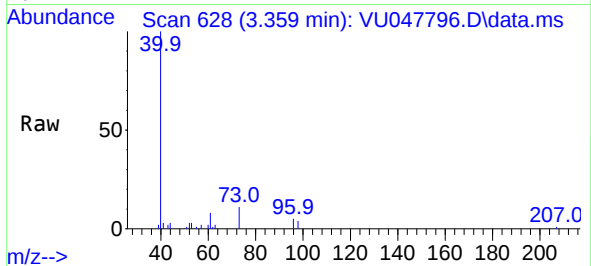
86 52.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 0.491 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

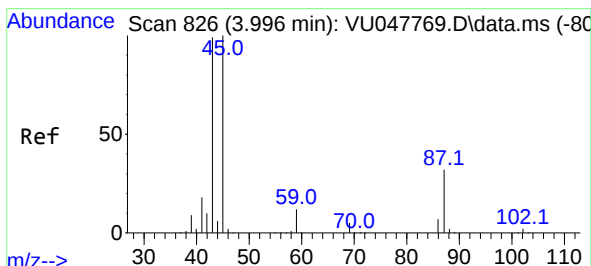
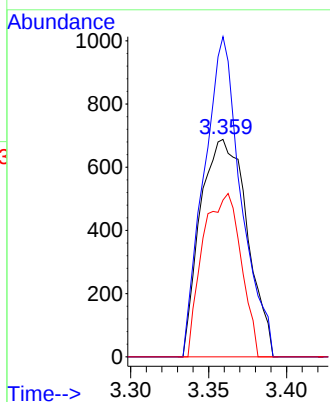
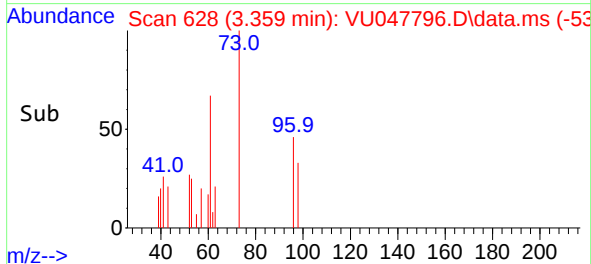
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



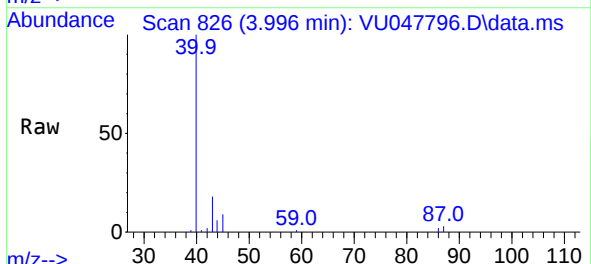
Tgt Ion: 96 Resp: 1434
Ion Ratio Lower Upper
96 100
61 147.2 106.1 159.1
98 72.1 50.8 76.2

Manual Integrations
APPROVED

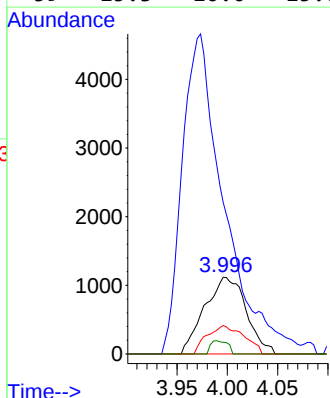
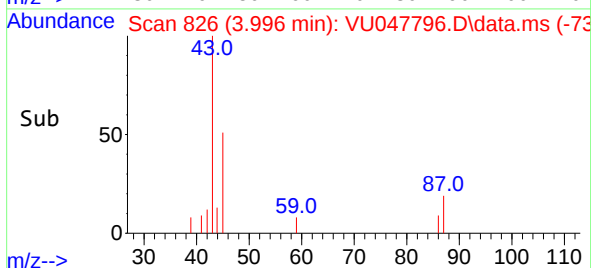
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

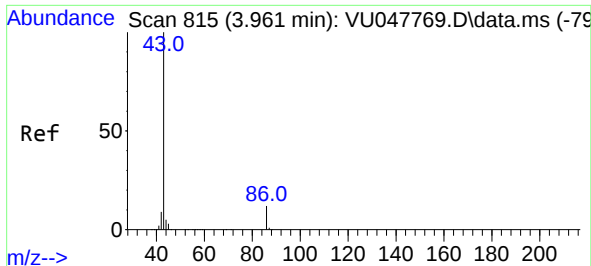


#22
Diisopropyl ether
Concen: 0.425 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



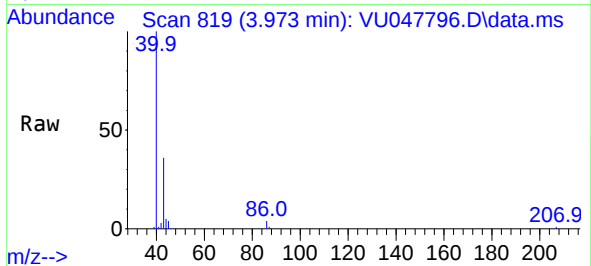
Tgt Ion: 45 Resp: 3220
Ion Ratio Lower Upper
45 100
43 170.5 92.9 139.3#
87 37.2 26.2 39.2
59 15.3 10.0 15.0#





#23
 Vinyl Acetate
 Concen: 1.987 ug/l m
 RT: 3.973 min Scan# 815
 Delta R.T. 0.013 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23

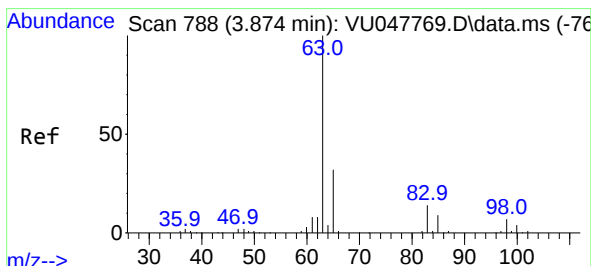
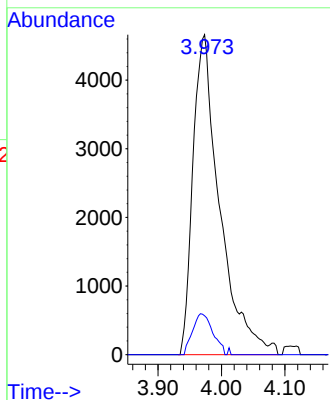
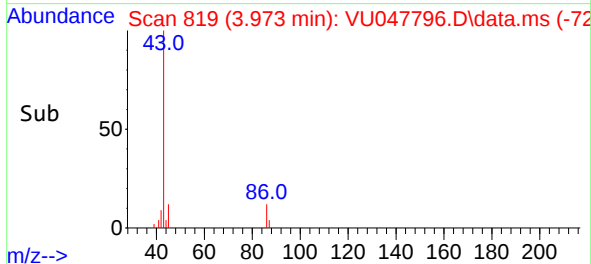
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 0.5ppb



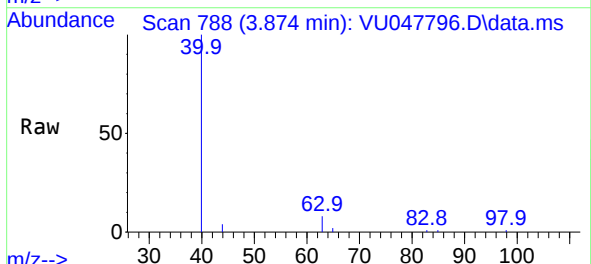
Tgt Ion: 43 Resp: 1365
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.8

Manual Integrations
 APPROVED

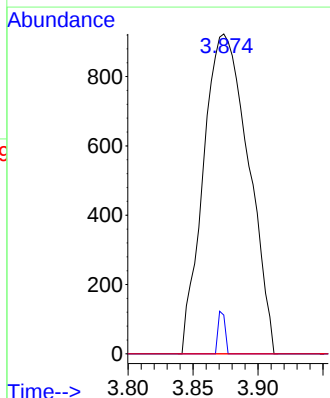
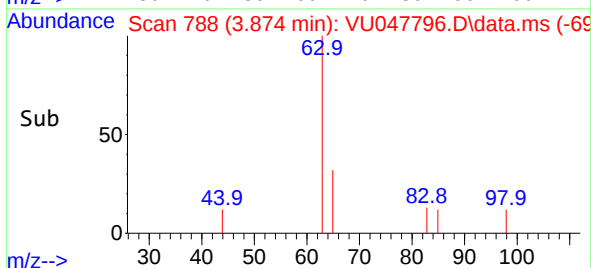
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

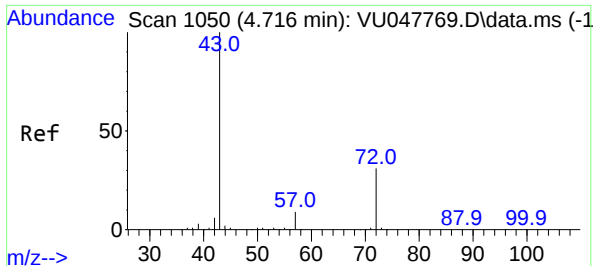


#24
 1,1-Dichloroethane
 Concen: 0.447 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23



Tgt Ion: 63 Resp: 2228
 Ion Ratio Lower Upper
 63 100
 98 12.1 3.6 10.9#
 100 0.0 2.4 7.2#





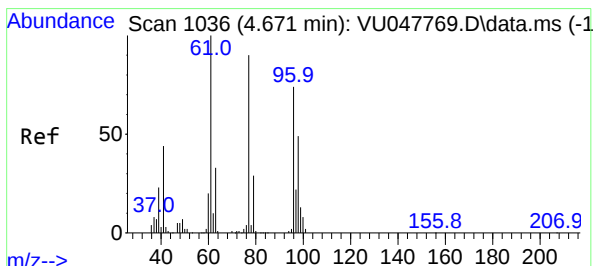
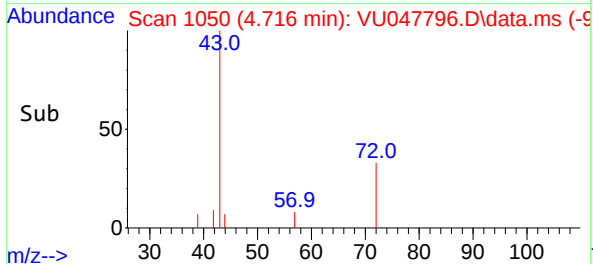
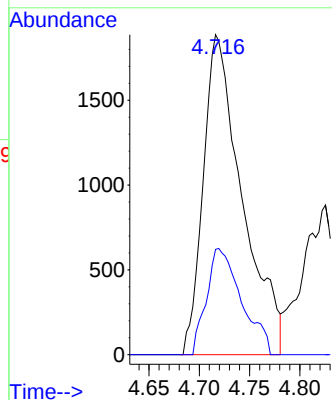
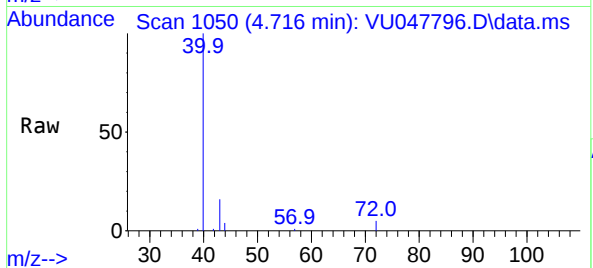
#25
2-Butanone
Concen: 1.838 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

Tgt Ion: 43 Resp: 5069
Ion Ratio Lower Upper
43 100
72 32.9 23.8 35.6

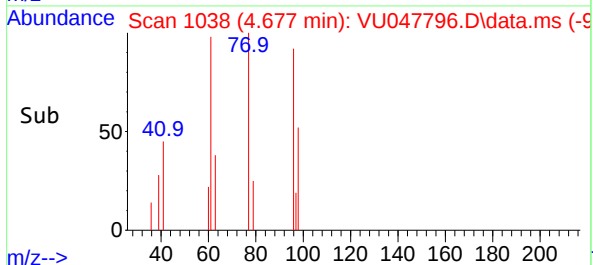
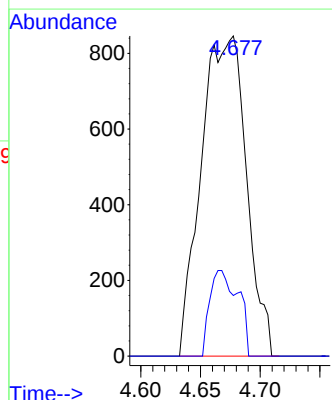
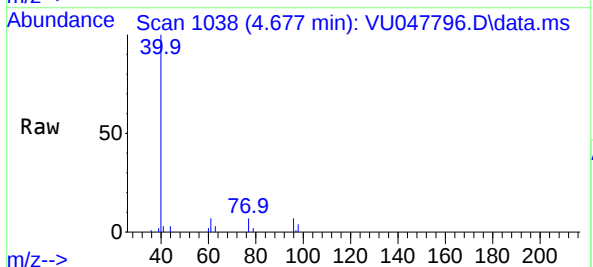
Manual Integrations
APPROVED

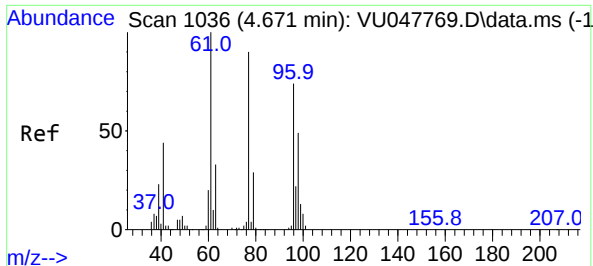
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#26
2,2-Dichloropropane
Concen: 0.503 ug/l m
RT: 4.677 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

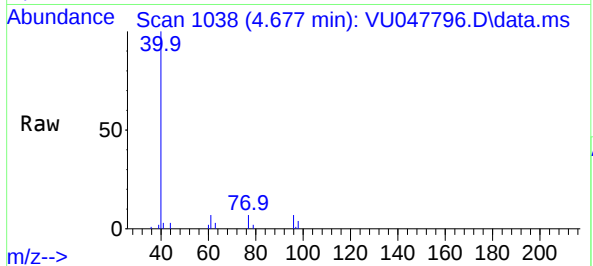
Tgt Ion: 77 Resp: 2222
Ion Ratio Lower Upper
77 100
97 16.7 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 0.526 ug/l
 RT: 4.677 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 0.5ppb

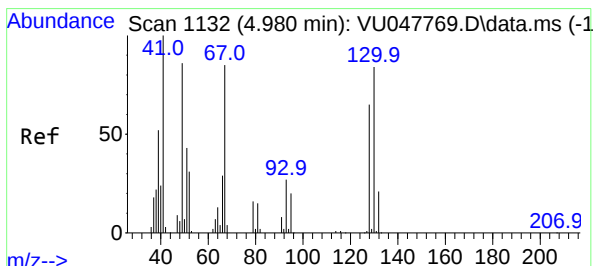
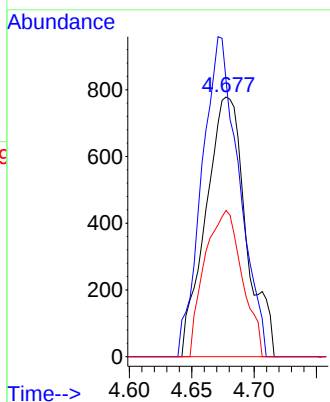
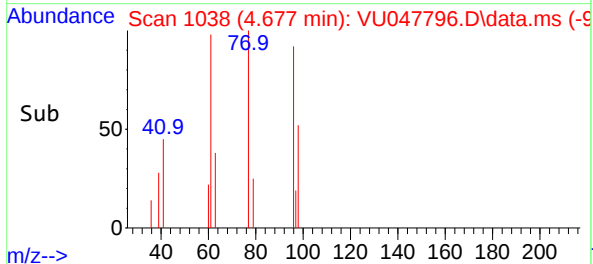


Tgt Ion: 96 Resp: 1740

Ion	Ratio	Lower	Upper
96	100		
61	113.6	0.0	271.6
98	52.5	0.0	128.2

Manual Integrations
 APPROVED

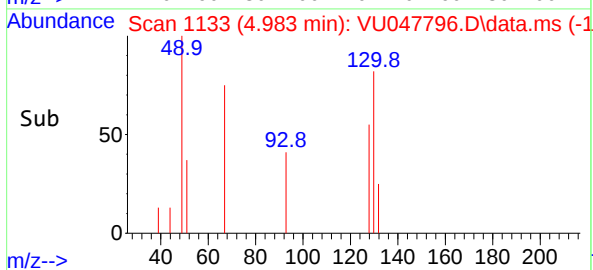
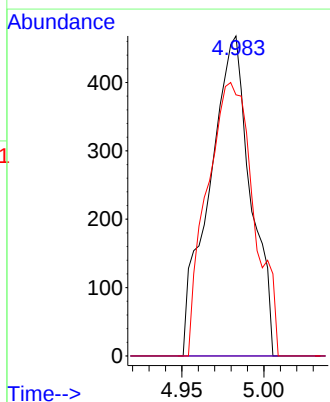
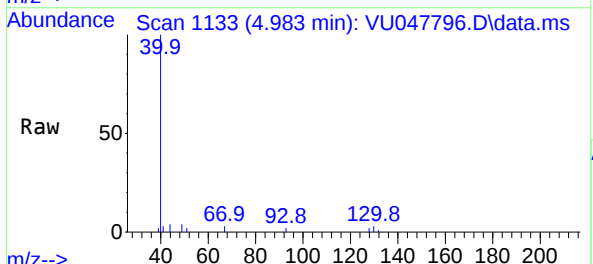
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

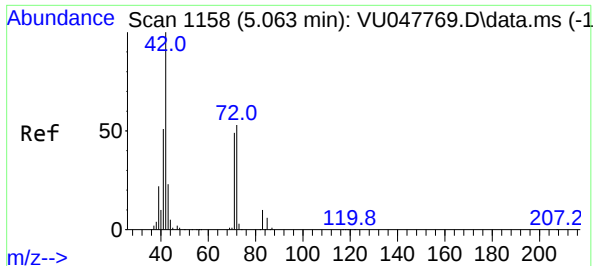


#28
 Bromochloromethane
 Concen: 0.459 ug/l
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23

Tgt Ion: 49 Resp: 818

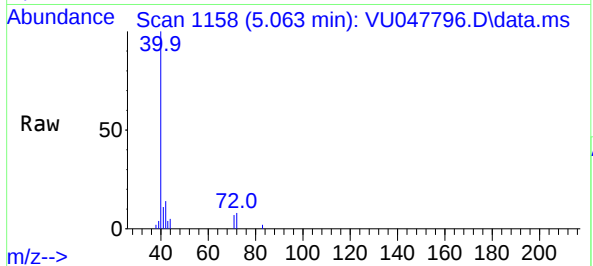
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	96.9	76.9	115.3





#29
Tetrahydrofuran
Concen: 1.910 ug/l m
RT: 5.063 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

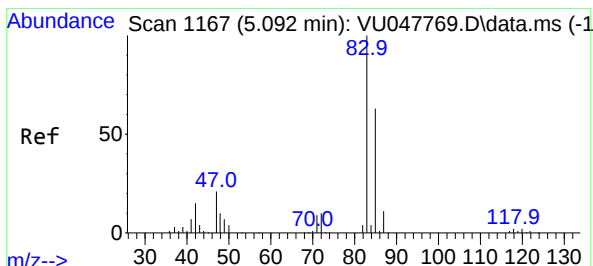
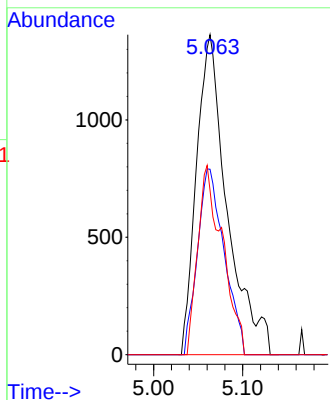
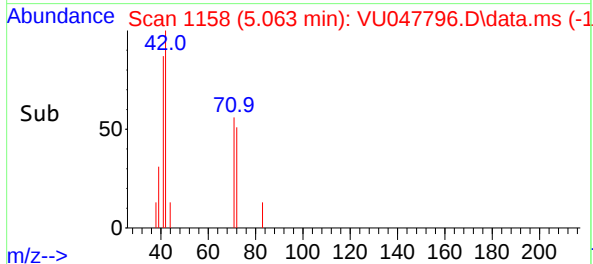
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



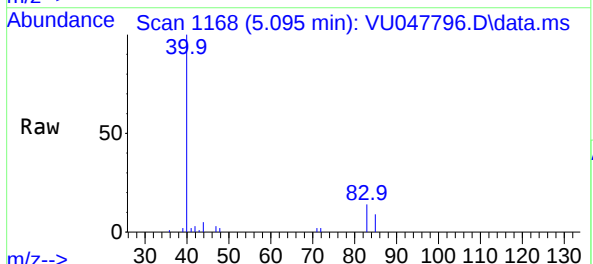
Tgt Ion: 42 Resp: 326
Ion Ratio Lower Upper
42 100
72 50.5 42.6 63.8
71 47.8 40.3 60.5

Manual Integrations
APPROVED

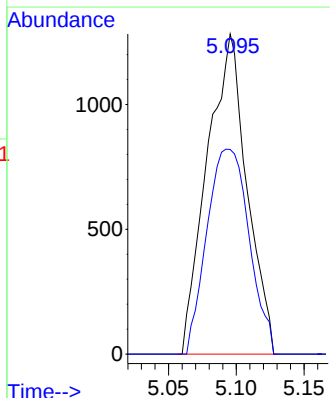
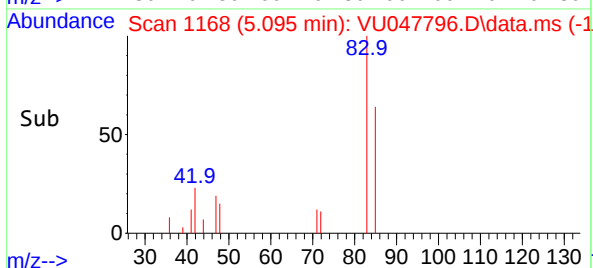
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

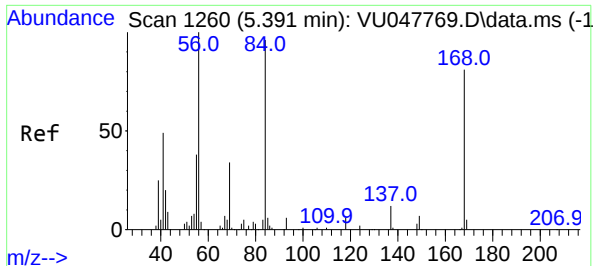


#30
Chloroform
Concen: 0.488 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



Tgt Ion: 83 Resp: 2620
Ion Ratio Lower Upper
83 100
85 63.9 51.2 76.8





#31

Cyclohexane

Concen: 1.537 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VU047796.D

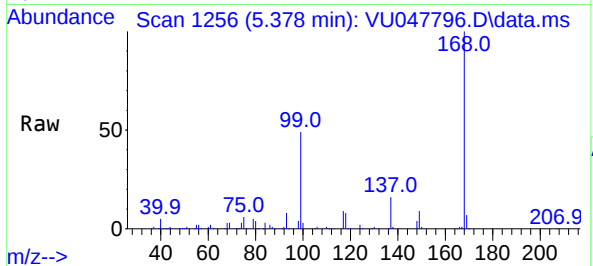
Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb



Tgt Ion: 56 Resp: 688

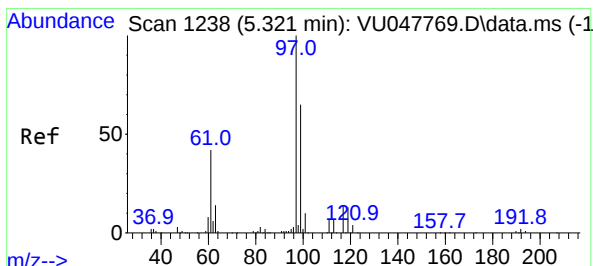
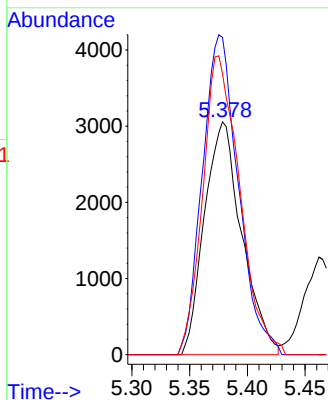
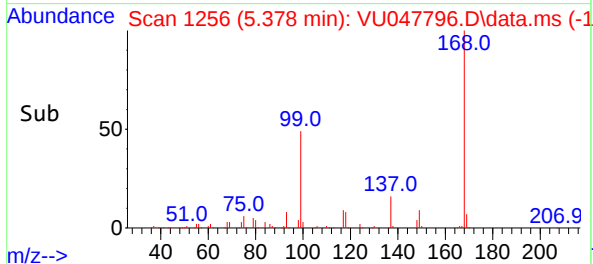
Ion	Ratio	Lower	Upper
56	100		
69	136.3	27.8	41.8
84	120.7	74.2	111.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#32

1,1,1-Trichloroethane

Concen: 0.521 ug/l

RT: 5.317 min Scan# 1237

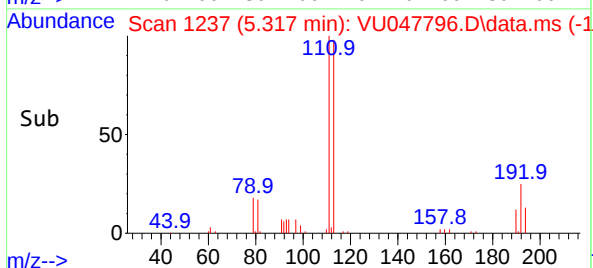
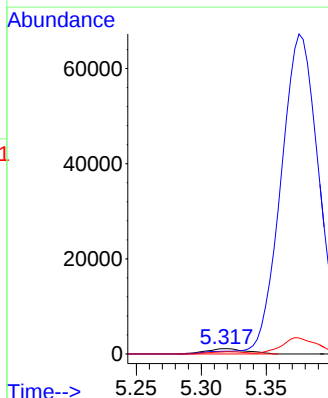
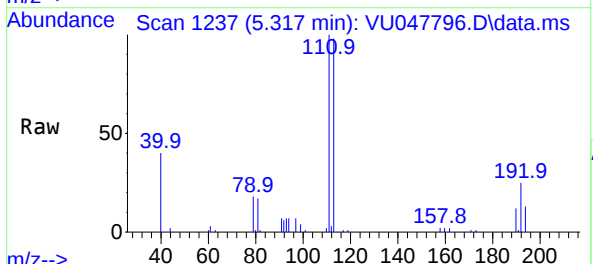
Delta R.T. -0.003 min

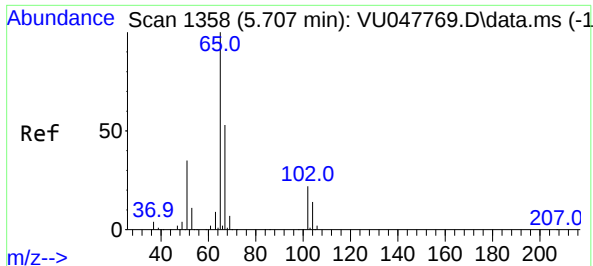
Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Tgt Ion: 97 Resp: 2409

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.6
61	36.1	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 57.074 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

Tgt Ion: 65 Resp: 17146

Ion Ratio Lower Upper

65 100

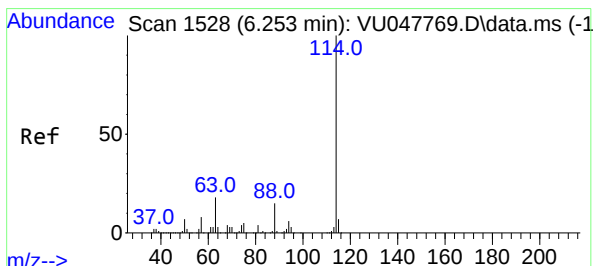
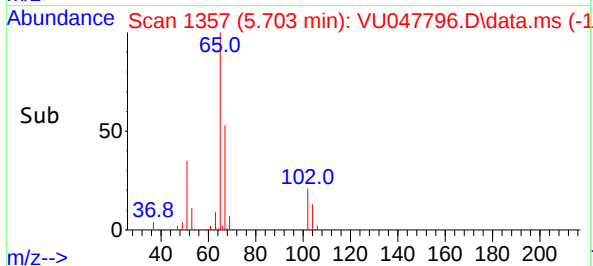
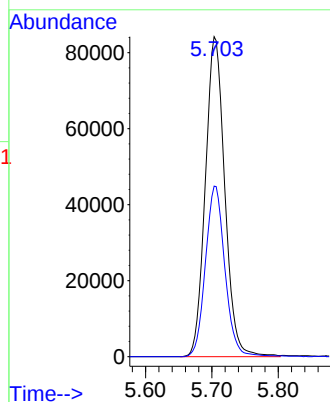
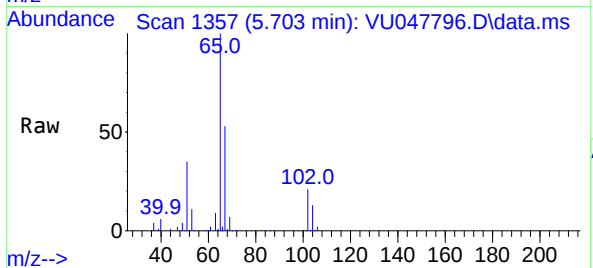
67 53.4 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

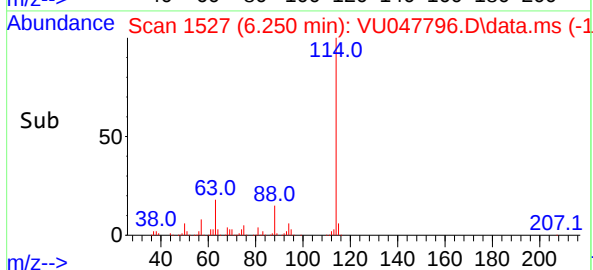
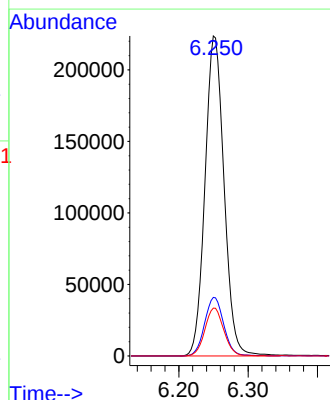
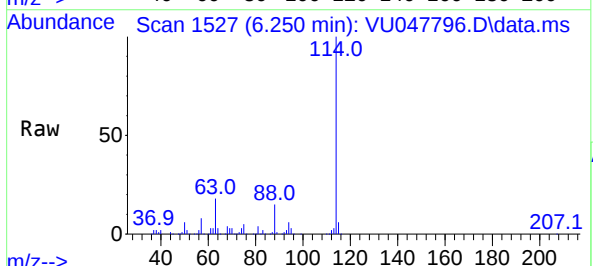
Tgt Ion:114 Resp: 426847

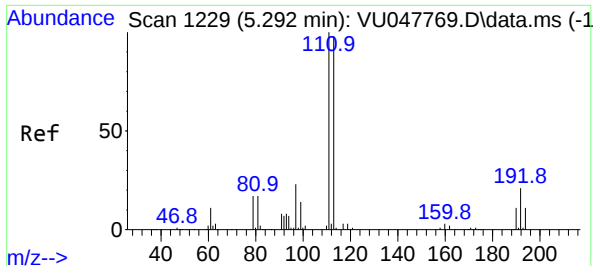
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.8

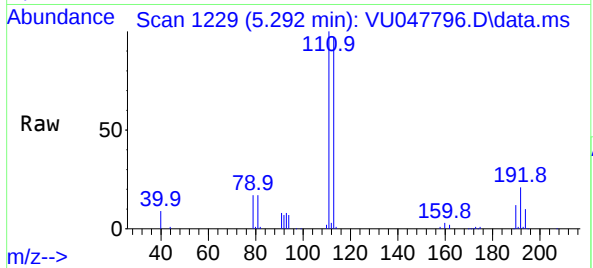
88 15.0 0.0 29.2





#35
Dibromofluoromethane
Concen: 53.973 ug/l
RT: 5.292 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

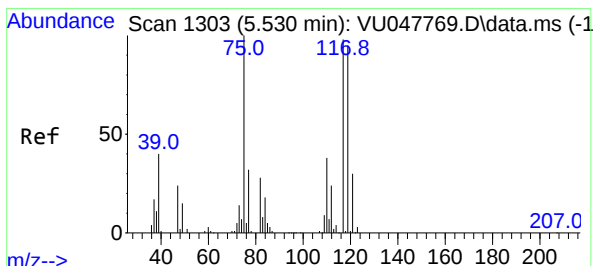
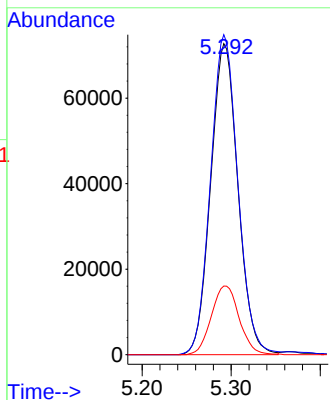
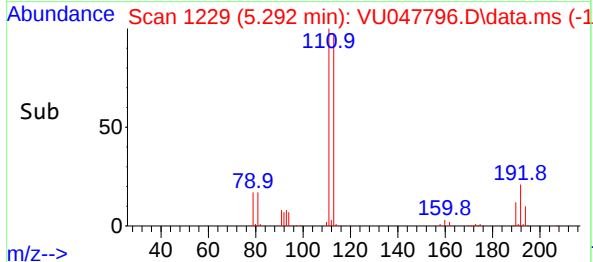
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



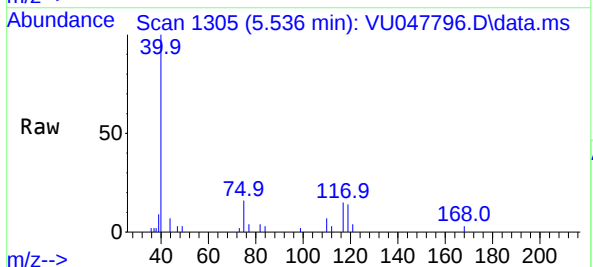
Tgt Ion: 113 Resp: 15450
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 22.6 18.0 27.0

Manual Integrations
APPROVED

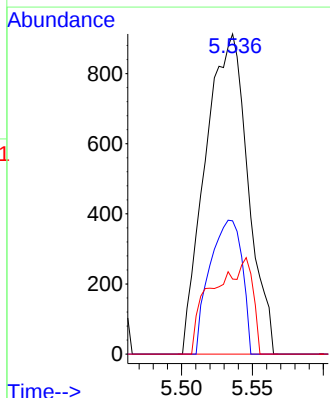
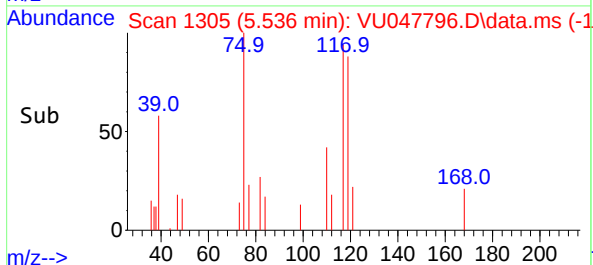
Reviewed By : John Carlone 04/04/2022
Supervised By : Mahesh Dadoda 04/05/2022

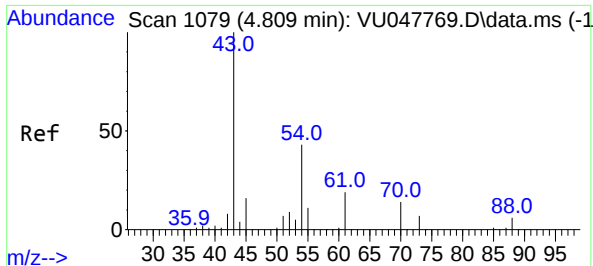


#36
1,1-Dichloropropene
Concen: 0.472 ug/l
RT: 5.536 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



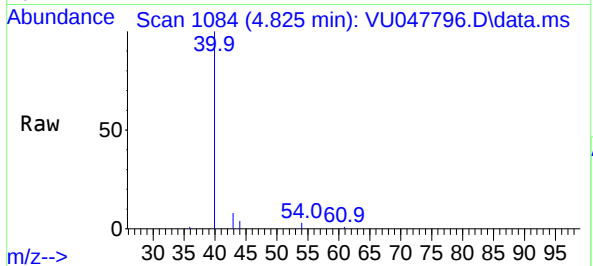
Tgt Ion: 75 Resp: 1909
Ion Ratio Lower Upper
75 100
110 31.7 18.4 55.2
77 28.2 25.1 37.7





#37
Ethyl Acetate
Concen: 0.447 ug/l m
RT: 4.825 min Scan# 1079
Delta R.T. 0.016 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

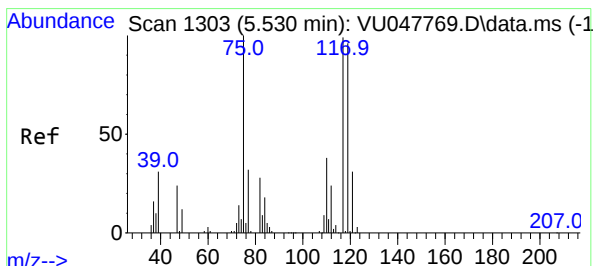
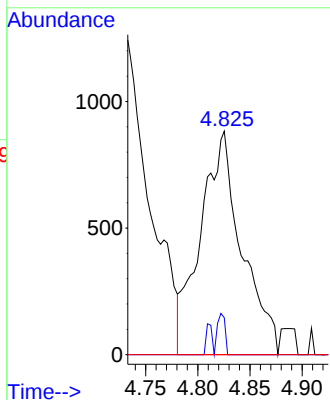
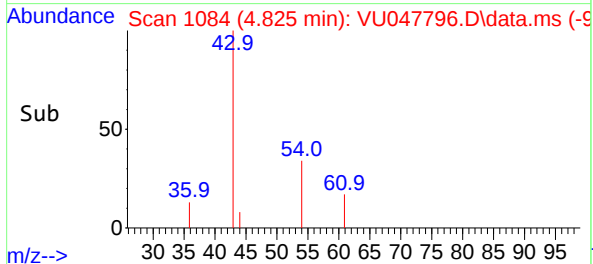
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



Tgt Ion: 43 Resp: 2430
Ion Ratio Lower Upper
43 100
61 3.4 9.5 14.3
70 0.0 7.5 11.3

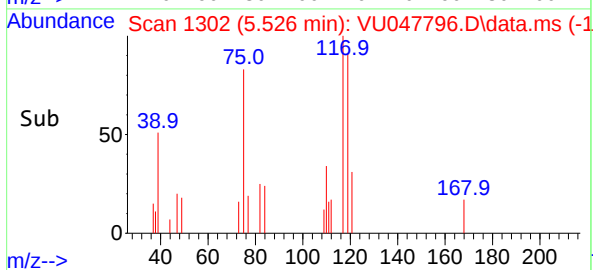
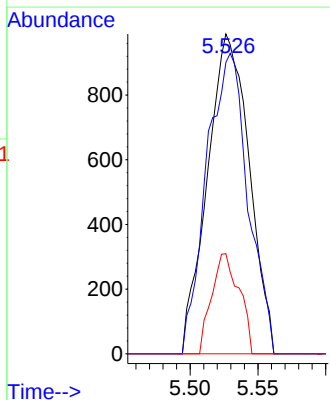
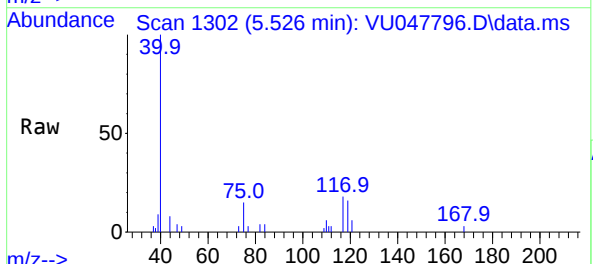
Manual Integrations
APPROVED

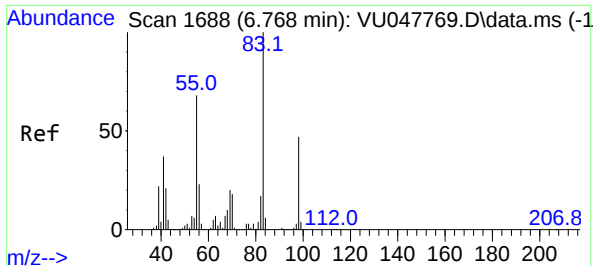
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#38
Carbon Tetrachloride
Concen: 0.491 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:117 Resp: 2116
Ion Ratio Lower Upper
117 100
119 91.1 76.8 115.2
121 31.3 24.7 37.1





#39

Methylcyclohexane

Concen: 0.387 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047796.D

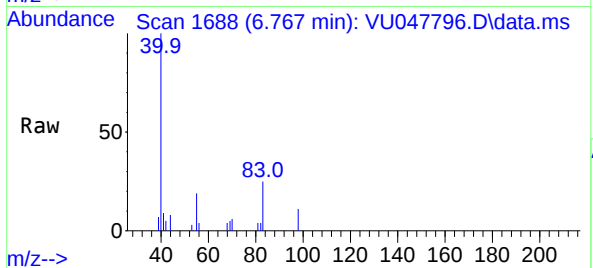
Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb



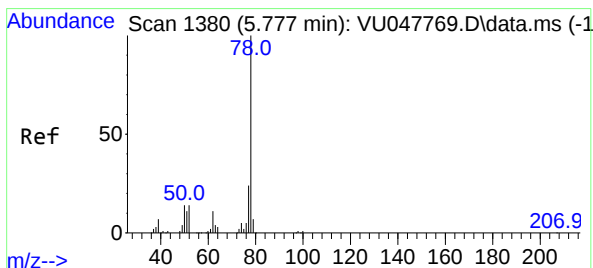
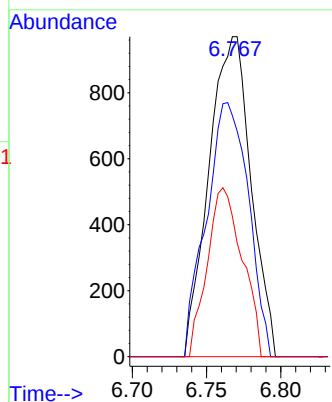
Tgt Ion:	83	Resp:	191
Ion	Ratio	Lower	Upper
83	100		
55	75.4	55.3	82.9
98	43.9	37.3	55.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#40

Benzene

Concen: 0.472 ug/l

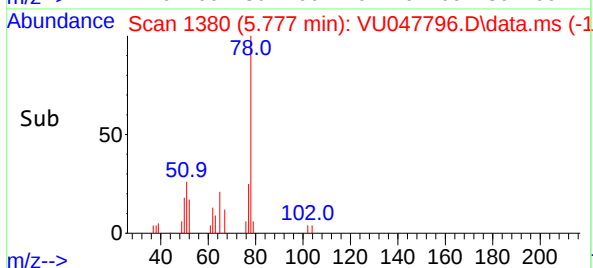
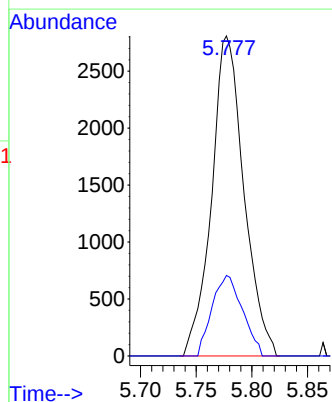
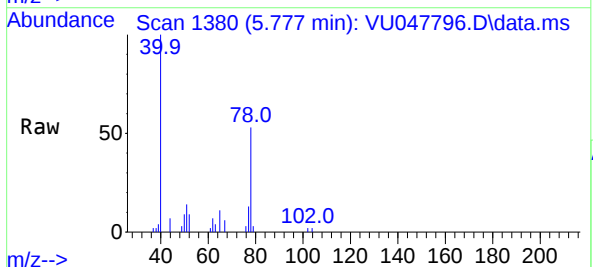
RT: 5.777 min Scan# 1380

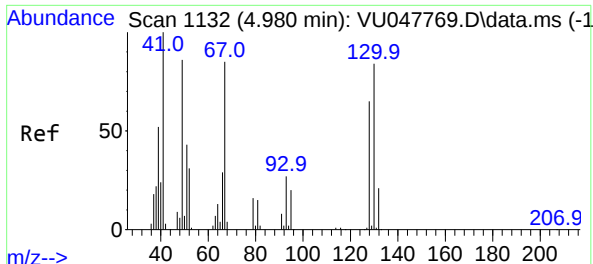
Delta R.T. -0.000 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

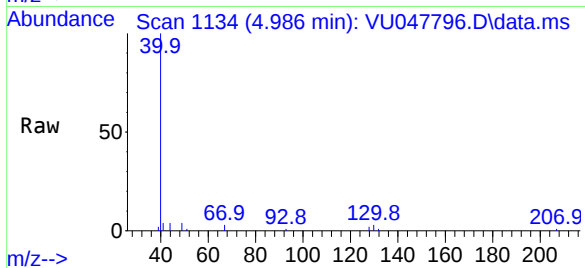
Tgt Ion:	78	Resp:	5664
Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2





#41
Methacrylonitrile
Concen: 0.321 ug/l
RT: 4.986 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

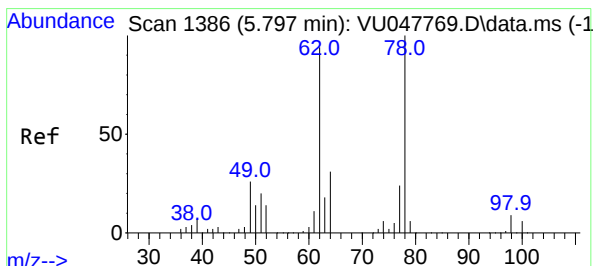
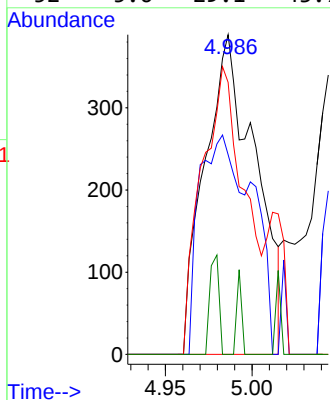
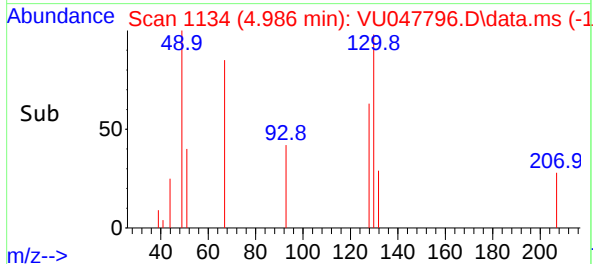
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



Tgt Ion: 41 Resp: 788
Ion Ratio Lower Upper
41 100
39 54.9 43.1 64.7
67 76.0 72.3 108.5
52 5.6 29.1 43.7#

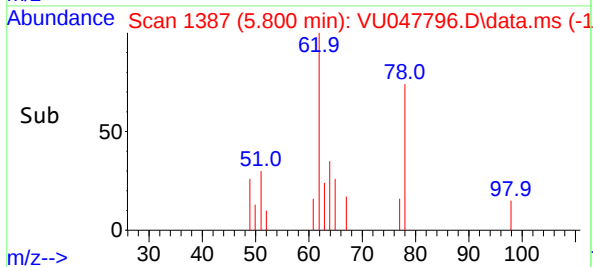
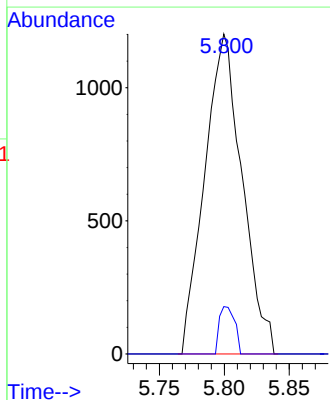
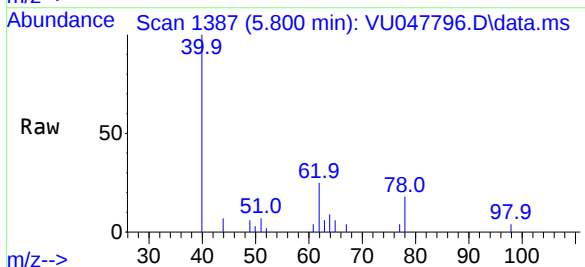
Manual Integrations
APPROVED

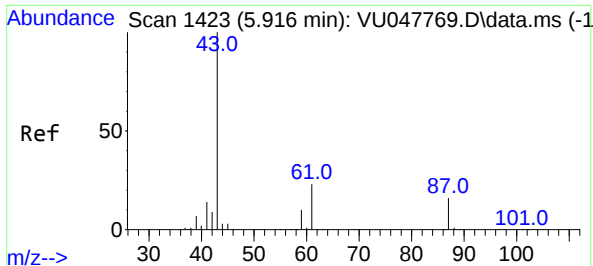
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#42
1,2-Dichloroethane
Concen: 0.577 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

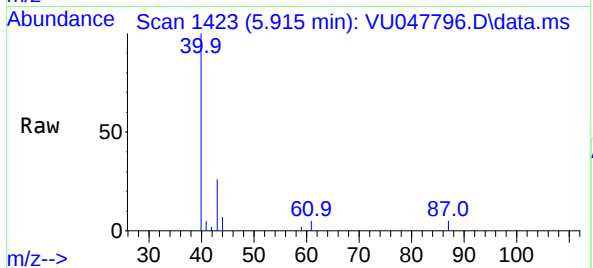
Tgt Ion: 62 Resp: 2412
Ion Ratio Lower Upper
62 100
98 6.0 0.0 18.6





#43
Isopropyl Acetate
Concen: 0.422 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

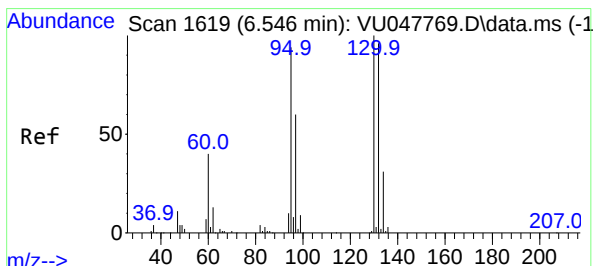
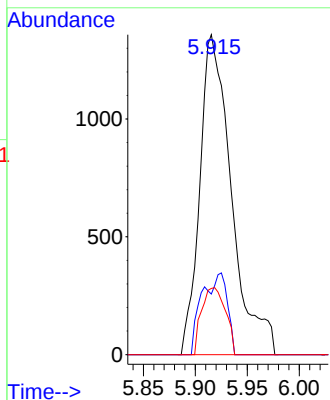
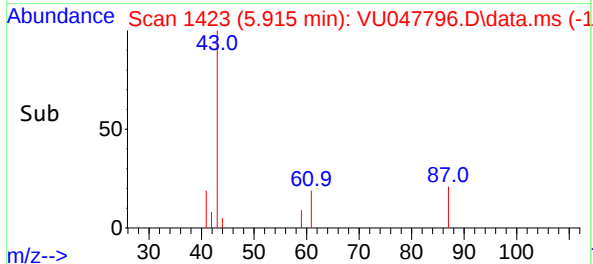
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



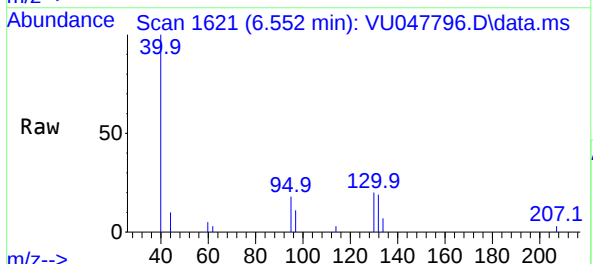
Tgt Ion: 43 Resp: 2880
Ion Ratio Lower Upper
43 100
61 10.7 17.4 26.0
87 15.8 12.6 18.8

Manual Integrations
APPROVED

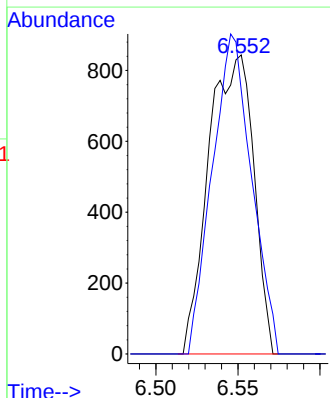
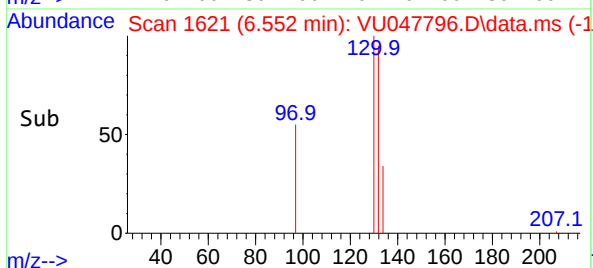
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

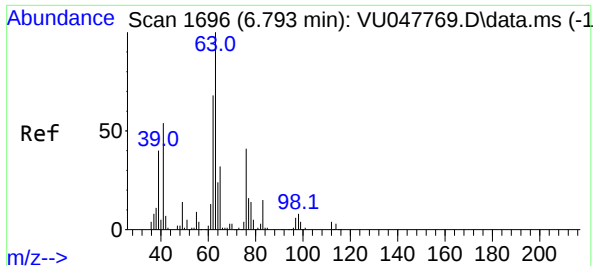


#44
Trichloroethene
Concen: 0.463 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



Tgt Ion:130 Resp: 1611
Ion Ratio Lower Upper
130 100
95 88.2 0.0 184.6





#45

1,2-Dichloropropane

Concen: 0.413 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

Tgt Ion: 63 Resp: 1249

Ion Ratio Lower Upper

63 100

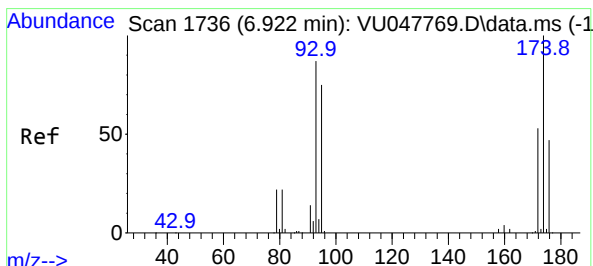
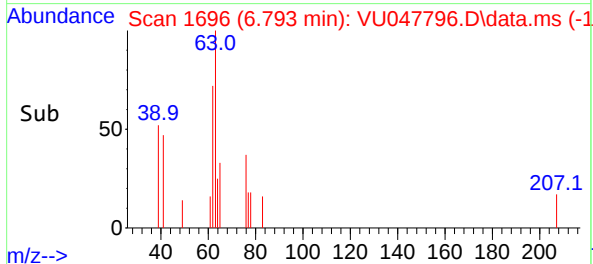
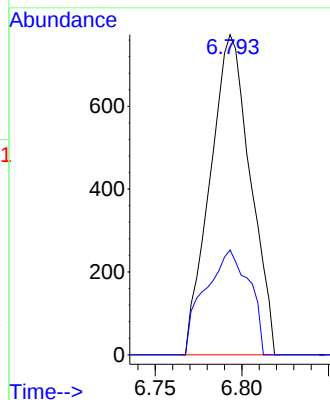
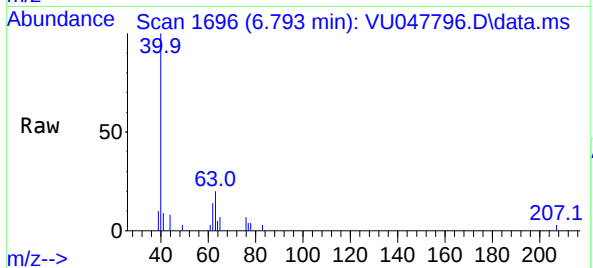
65 32.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#46

Dibromomethane

Concen: 0.453 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.003 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

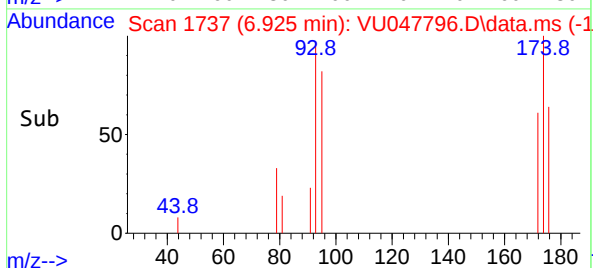
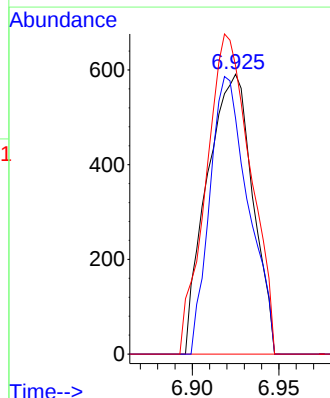
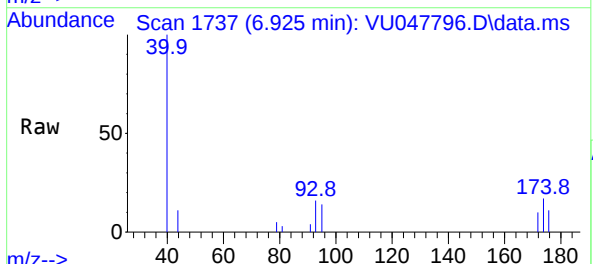
Tgt Ion: 93 Resp: 1082

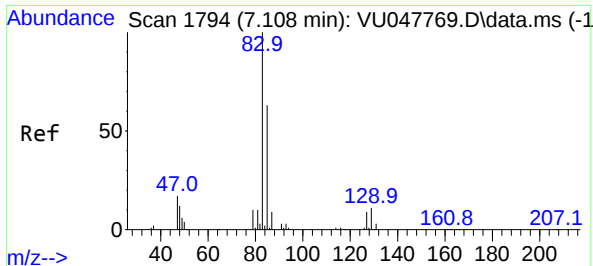
Ion Ratio Lower Upper

93 100

95 83.9 66.3 99.5

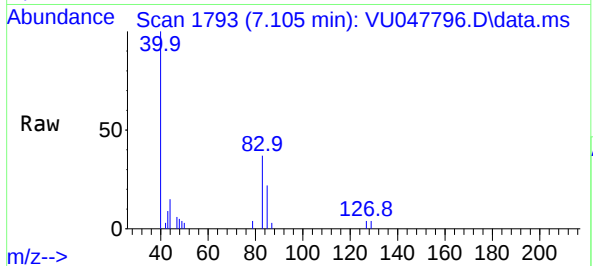
174 111.7 88.2 132.4





#47
Bromodichloromethane
Concen: 0.529 ug/l
RT: 7.105 min Scan# 1751
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

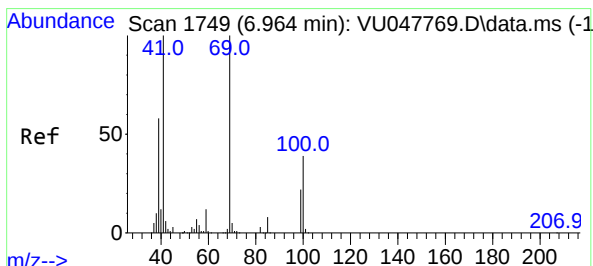
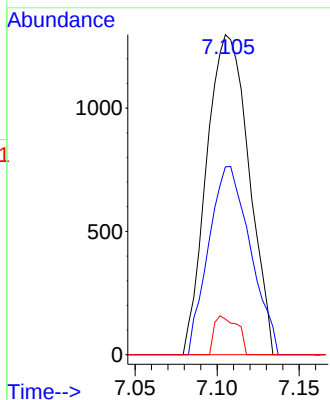
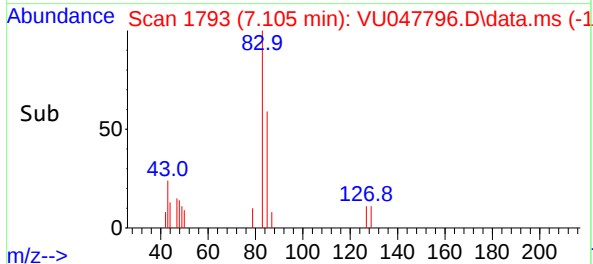
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



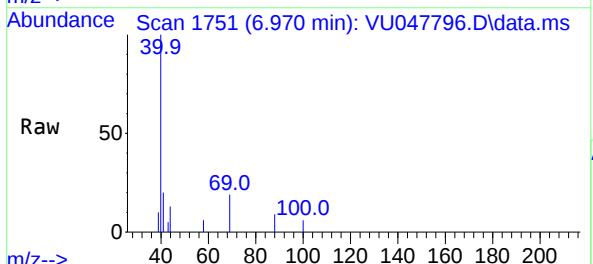
Tgt Ion: 83 Resp: 232
Ion Ratio Lower Upper
83 100
85 58.7 51.4 77.2
127 11.1 7.1 10.7

Manual Integrations
APPROVED

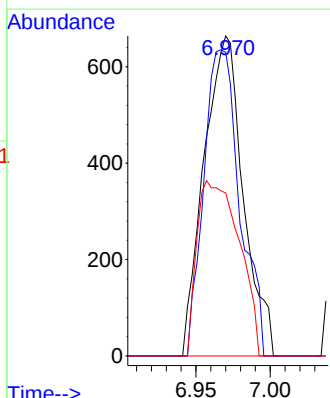
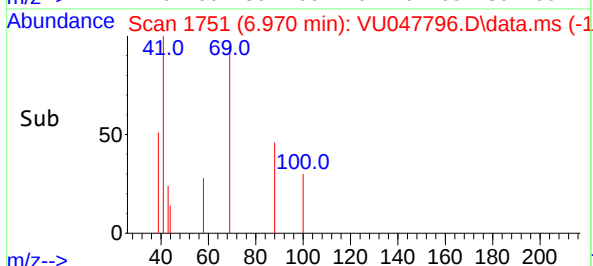
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

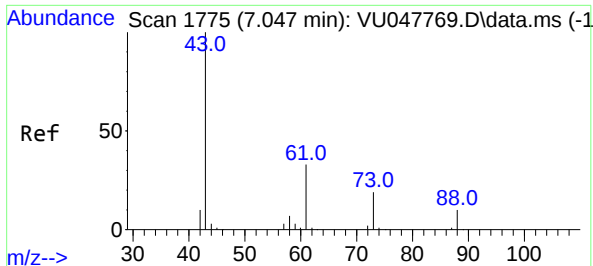


#48
Methyl methacrylate
Concen: 0.391 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



Tgt Ion: 41 Resp: 1223
Ion Ratio Lower Upper
41 100
69 87.7 79.8 119.6
39 58.8 47.9 71.9





#49

1,4-Dioxane

Concen: 5.716 ug/l m

RT: 6.967 min Scan# 1

Delta R.T. -0.081 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

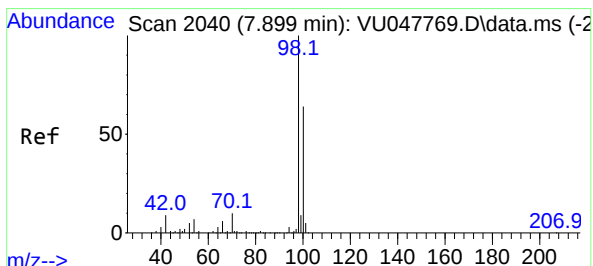
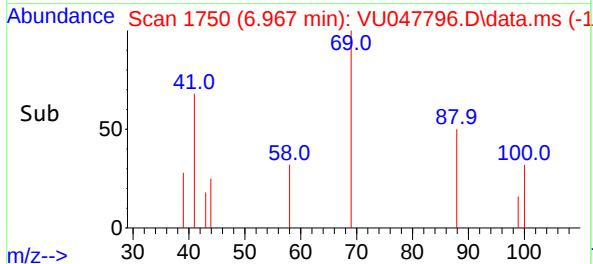
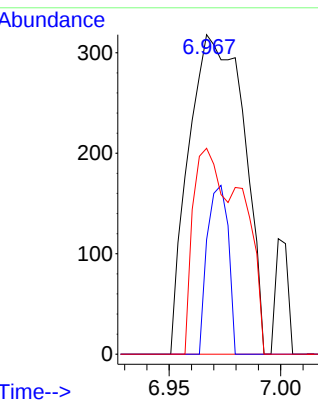
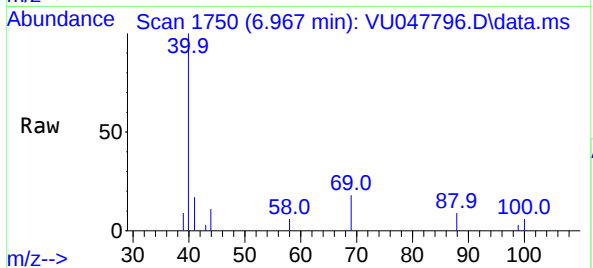
Tgt Ion:	88	Resp:	540
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#50

Toluene-d8

Concen: 49.490 ug/l

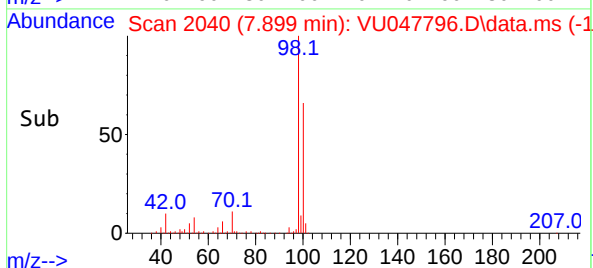
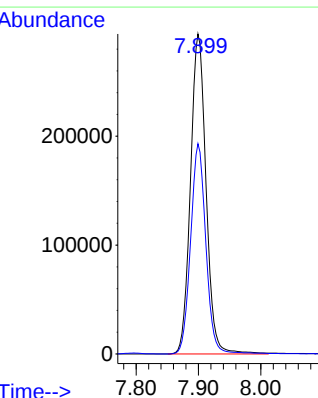
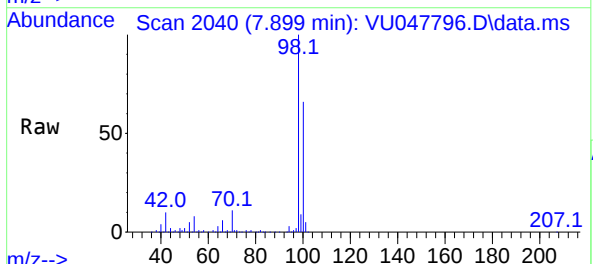
RT: 7.899 min Scan# 2040

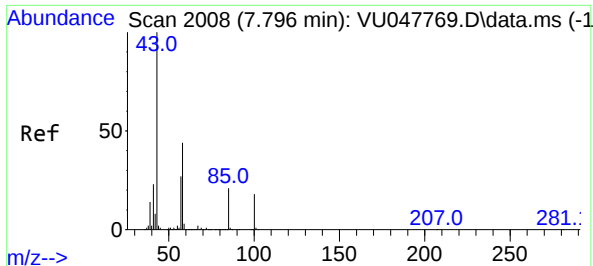
Delta R.T. -0.000 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Tgt Ion:	98	Resp:	510383
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





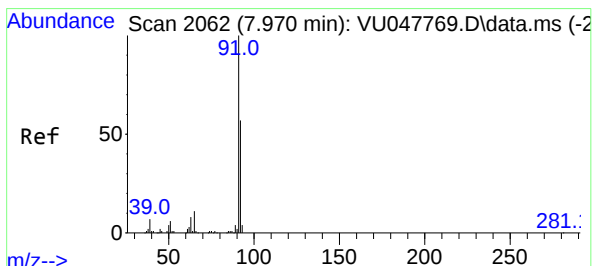
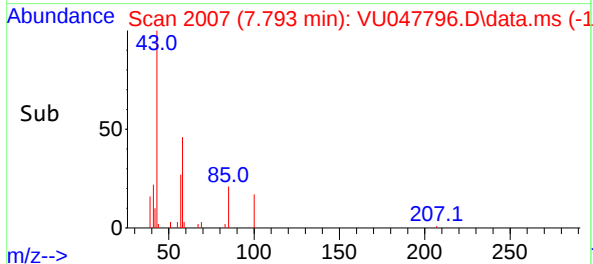
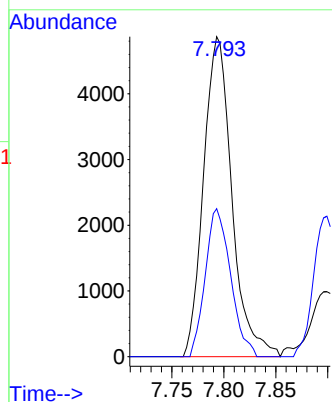
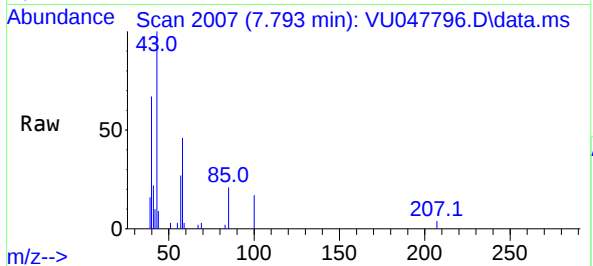
#51
4-Methyl-2-Pentanone
Concen: 1.846 ug/l
RT: 7.793 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 41.3 34.7 52.1

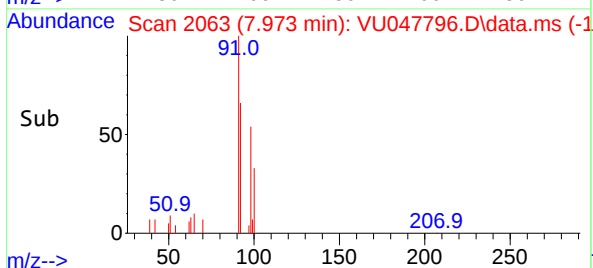
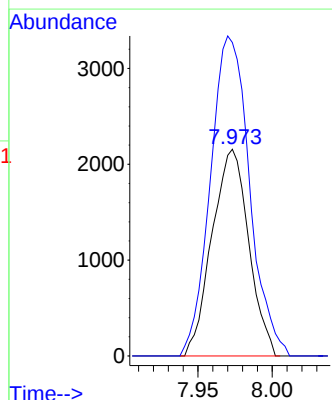
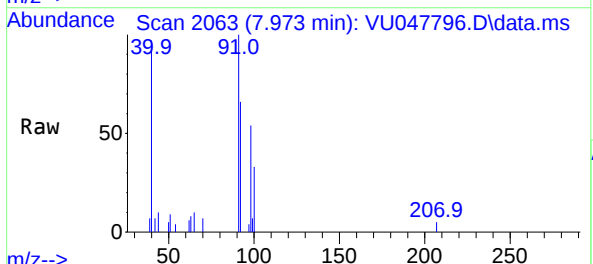
Manual Integrations
APPROVED

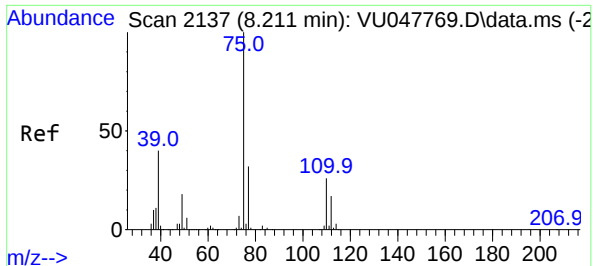
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#52
Toluene
Concen: 0.483 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

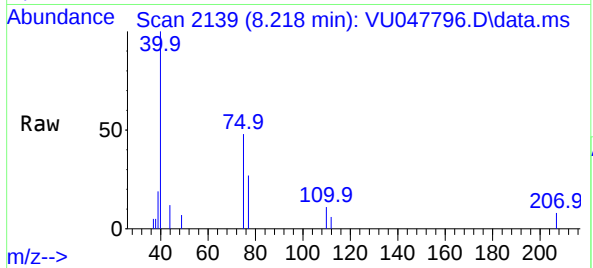
Tgt Ion: 92 Resp: 3710
Ion Ratio Lower Upper
92 100
91 165.0 138.2 207.4





#53
t-1,3-Dichloropropene
Concen: 0.435 ug/l
RT: 8.218 min Scan# 2130
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

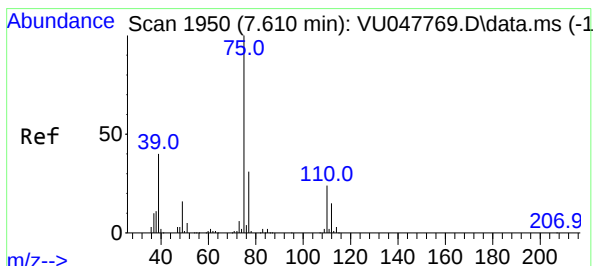
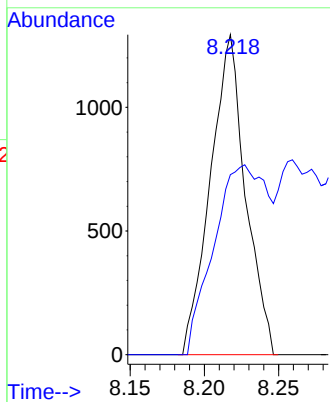
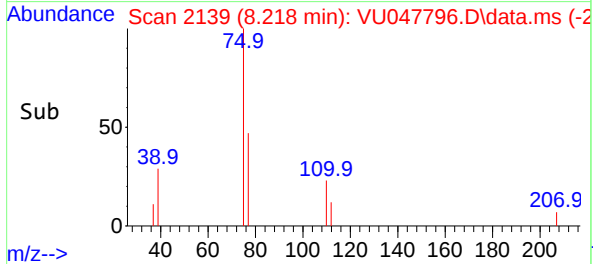
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



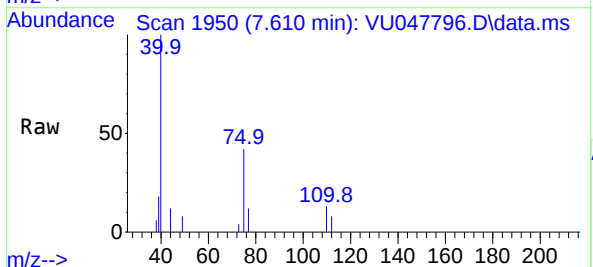
Tgt Ion: 75 Resp: 2130
Ion Ratio Lower Upper
75 100
77 56.3 25.4 38.0

Manual Integrations
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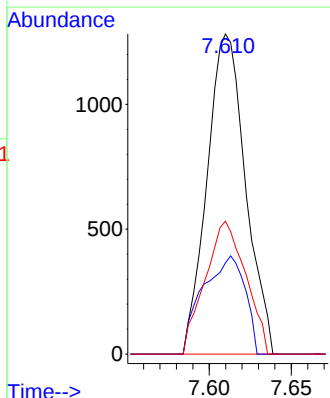
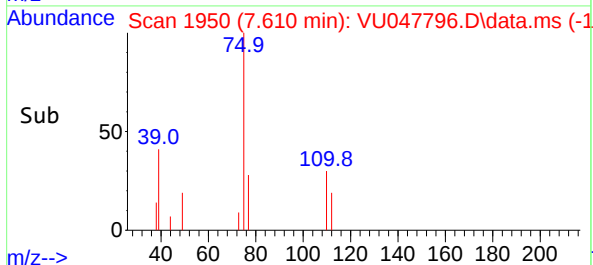
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

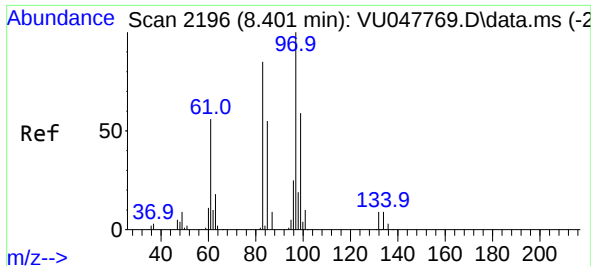


#54
cis-1,3-Dichloropropene
Concen: 0.414 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



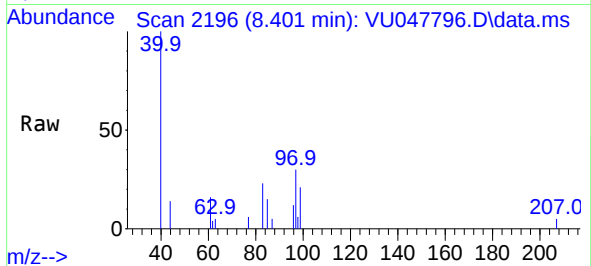
Tgt Ion: 75 Resp: 2085
Ion Ratio Lower Upper
75 100
77 28.5 25.7 38.5
39 41.5 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 0.429 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

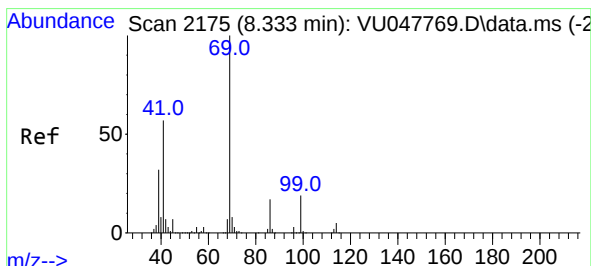
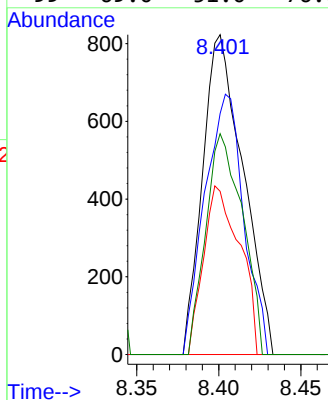
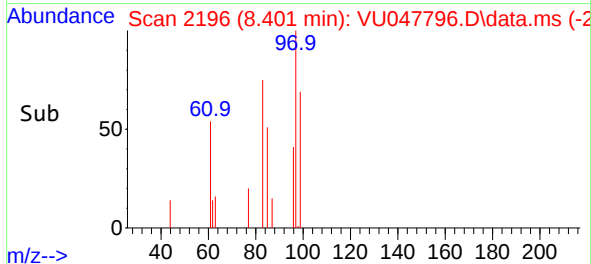
Instrument : MSVOA_U
ClientSampleId : MDL04 0.5ppb



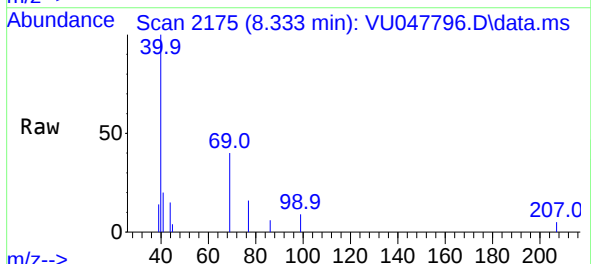
Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.3	70.2	105.4
85	51.0	44.6	66.8
99	69.0	51.0	76.6

Manual Integrations
APPROVED

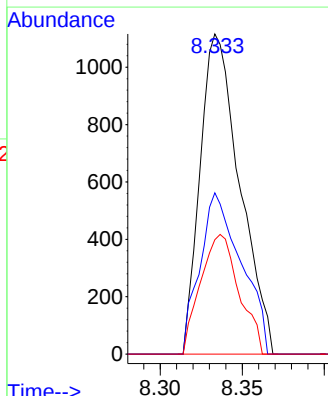
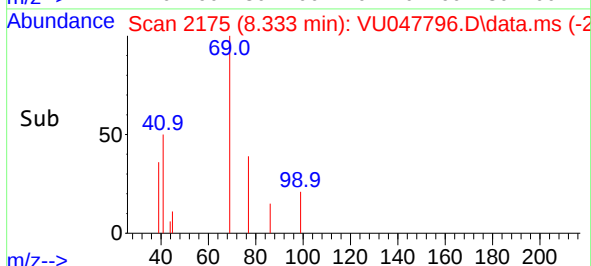
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

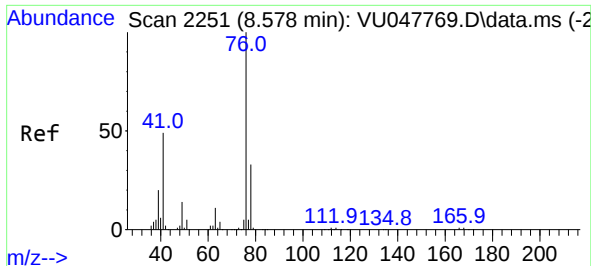


#56
Ethyl methacrylate
Concen: 0.397 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.6	45.4	68.0
39	36.4	25.7	38.5





#57

1,3-Dichloropropane

Concen: 0.440 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

Tgt Ion: 76 Resp: 235

Ion Ratio Lower Upper

76 100

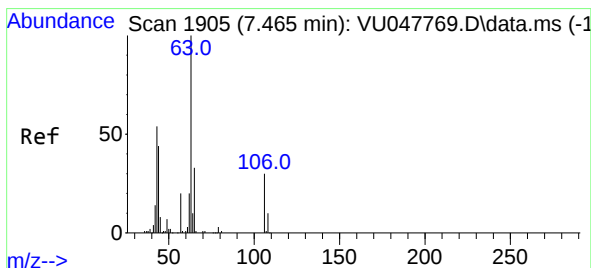
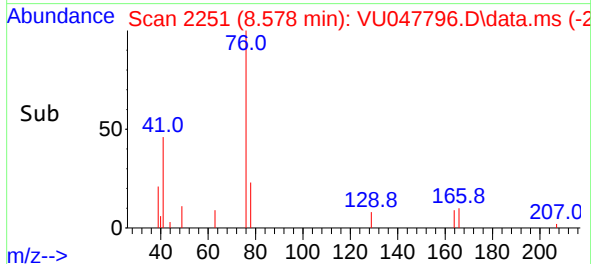
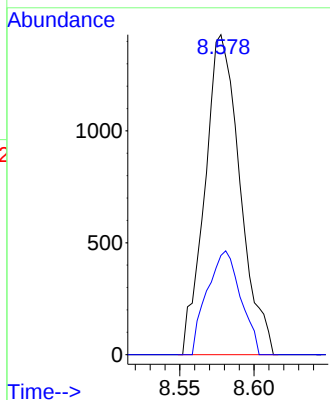
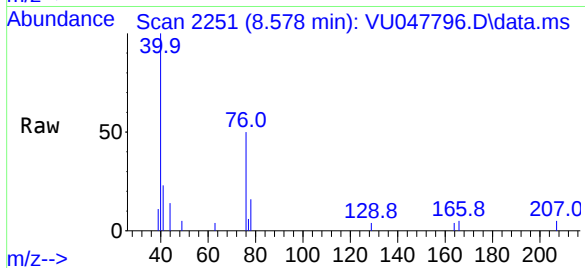
78 31.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 1.320 ug/l

RT: 7.472 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VU047796.D

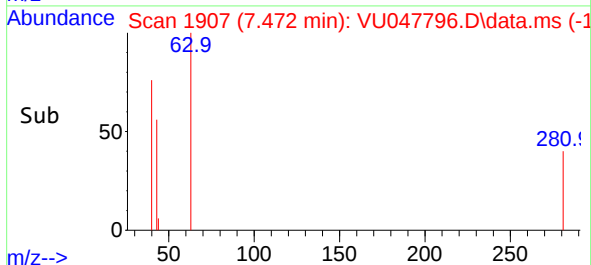
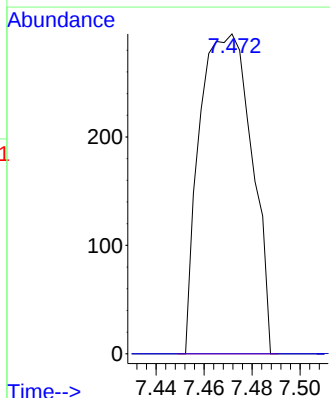
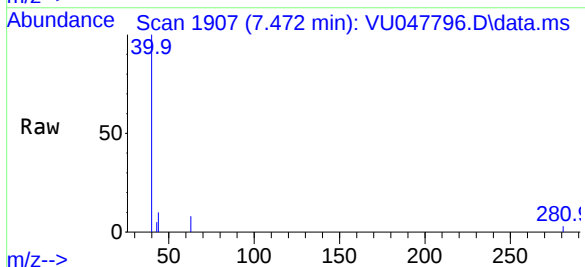
Acq: 02 Apr 2022 13:23

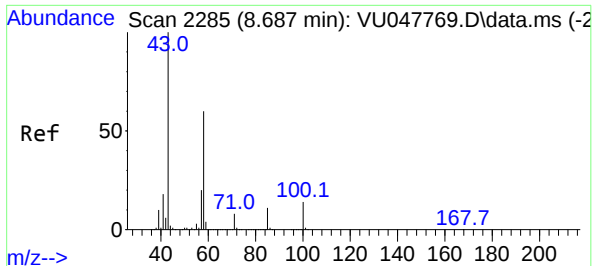
Tgt Ion: 63 Resp: 444

Ion Ratio Lower Upper

63 100

106 0.0 23.1 34.7#





#59

2-Hexanone

Concen: 1.881 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

Tgt Ion: 43 Resp: 771

Ion Ratio Lower Upper

43 100

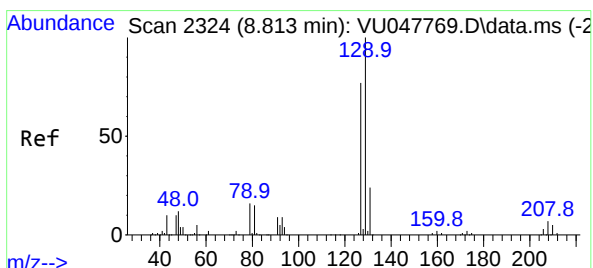
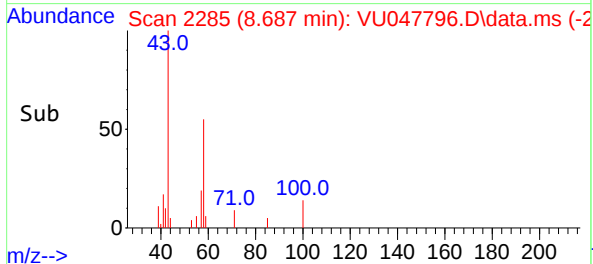
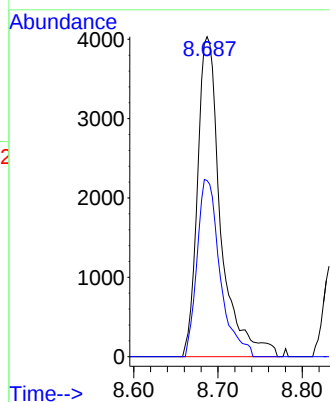
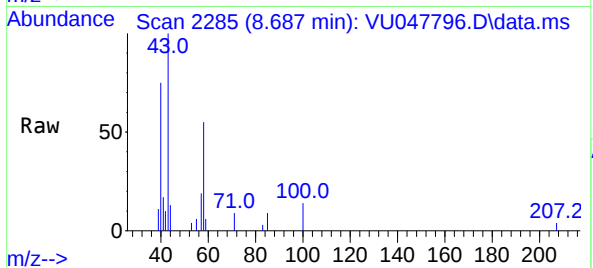
58 54.9 30.3 90.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#60

Dibromochloromethane

Concen: 0.461 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VU047796.D

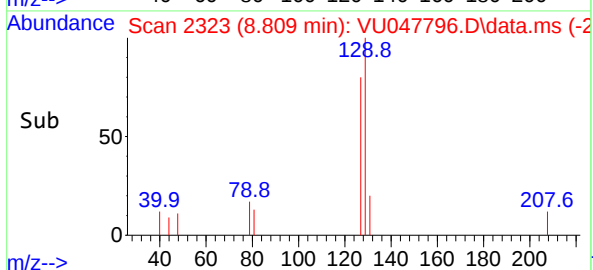
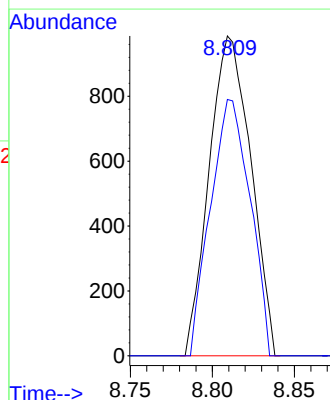
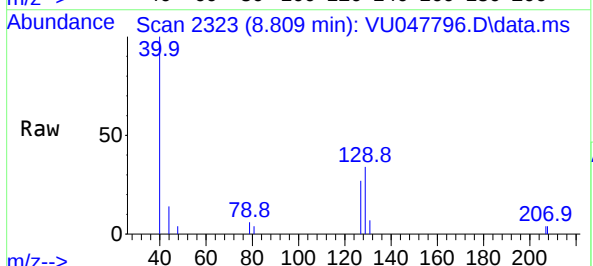
Acq: 02 Apr 2022 13:23

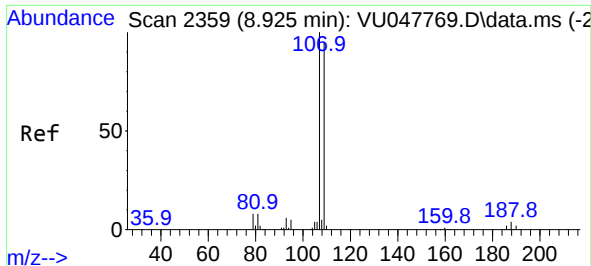
Tgt Ion:129 Resp: 1741

Ion Ratio Lower Upper

129 100

127 76.0 38.6 116.0





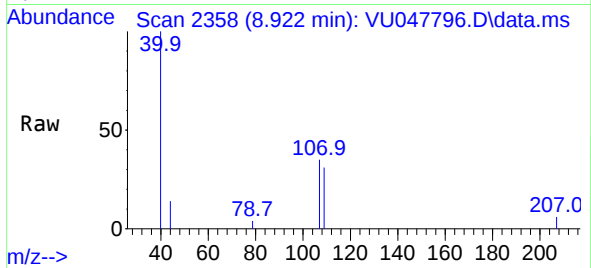
#61
1,2-Dibromoethane
Concen: 0.437 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb



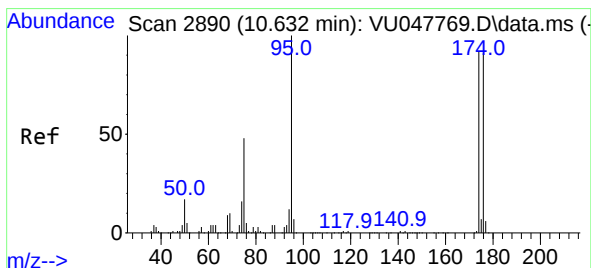
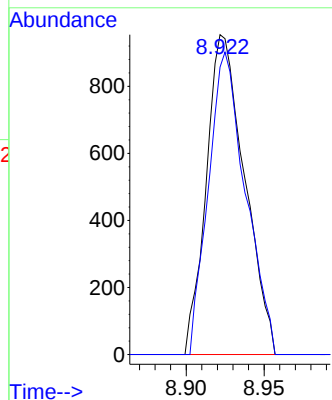
Tgt Ion:107 Resp: 163
Ion Ratio Lower Upper
107 100
109 91.5 75.1 112.7

Manual Integrations

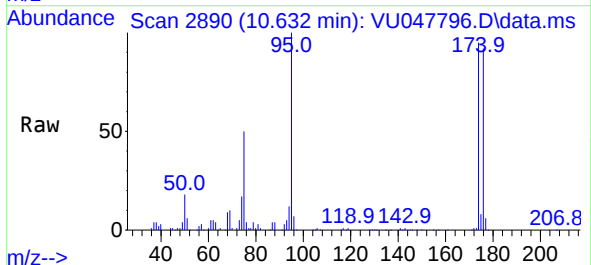
APPROVED

Reviewed By :John Carlone 04/04/2022

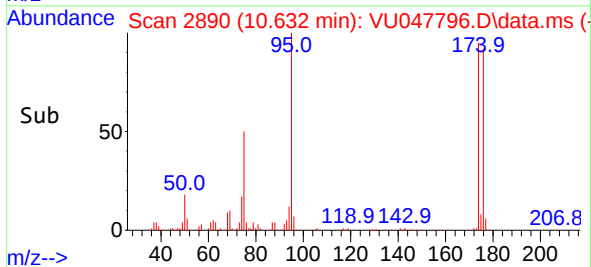
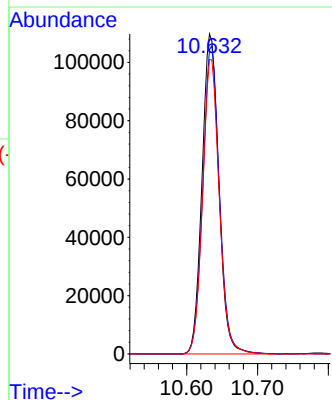
Supervised By :Mahesh Dadoda 04/05/2022

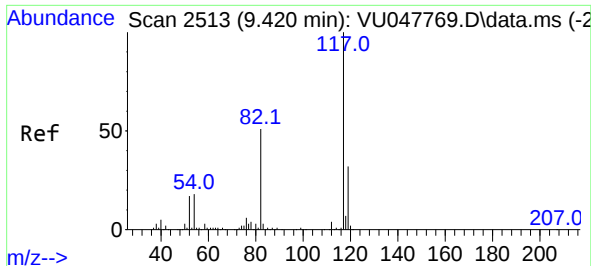


#62
4-Bromofluorobenzene
Concen: 44.908 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



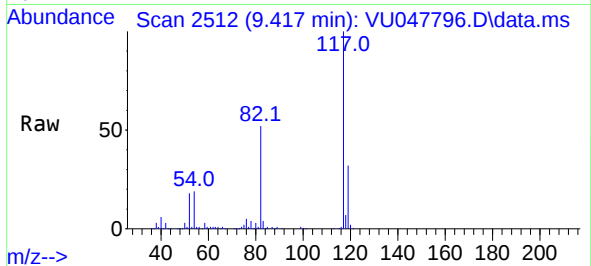
Tgt Ion: 95 Resp: 180369
Ion Ratio Lower Upper
95 100
174 95.6 0.0 182.0
176 91.4 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

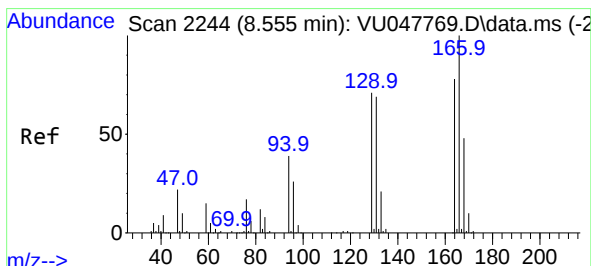
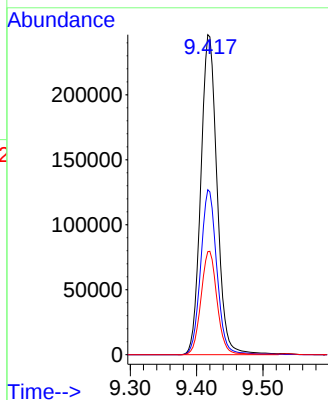
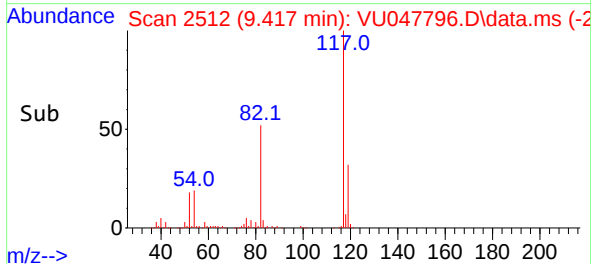
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



Tgt Ion:117 Resp: 419699
Ion Ratio Lower Upper
117 100
82 51.6 41.7 62.5
119 32.2 25.7 38.5

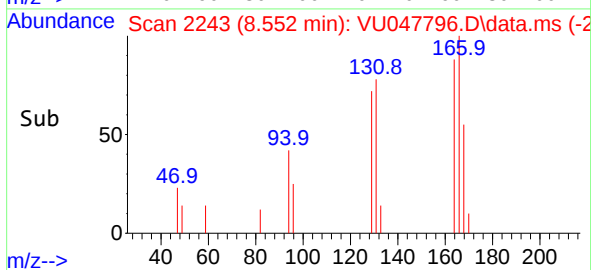
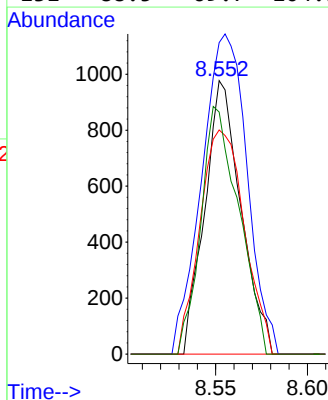
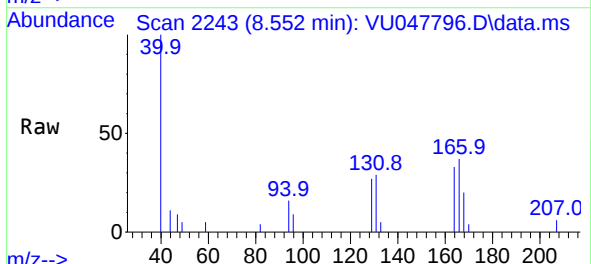
Manual Integrations
APPROVED

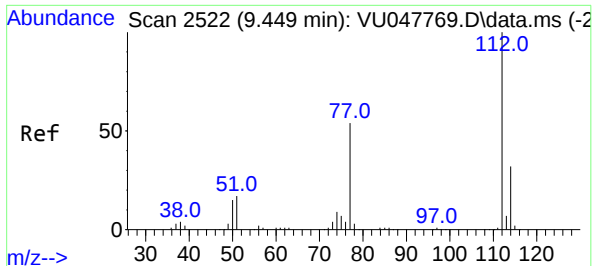
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#64
Tetrachloroethene
Concen: 0.432 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

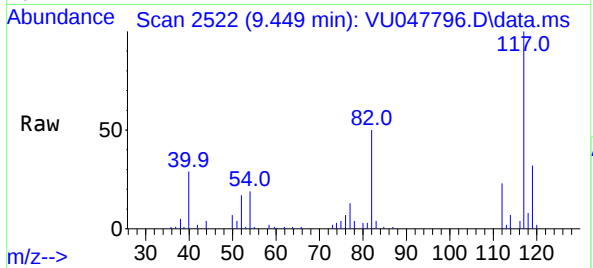
Tgt Ion:164 Resp: 1340
Ion Ratio Lower Upper
164 100
166 113.9 100.0 150.0
129 82.0 72.0 108.0
131 88.5 69.7 104.5





#65
Chlorobenzene
Concen: 0.443 ug/l
RT: 9.449 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

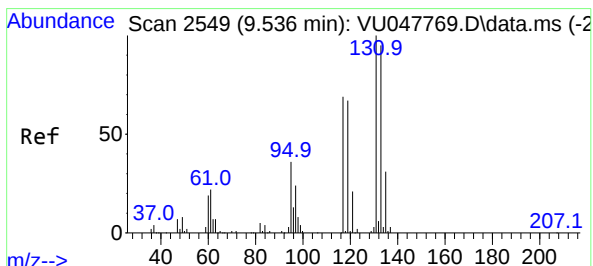
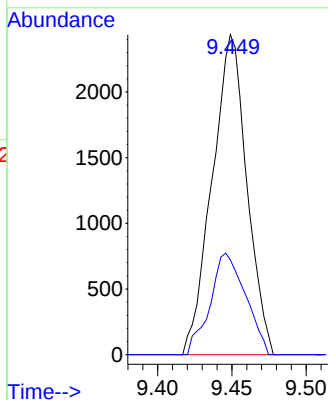
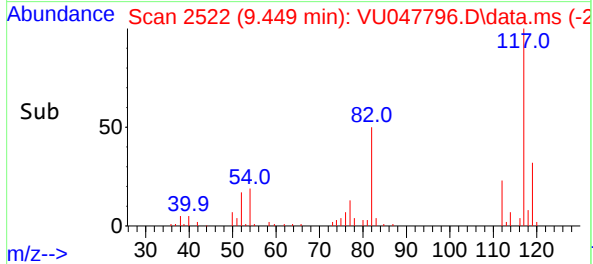
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



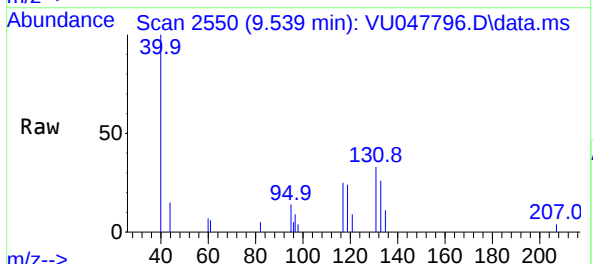
Tgt Ion:112 Resp: 396
Ion Ratio Lower Upper
112 100
114 29.6 24.9 37.3

Manual Integrations
APPROVED

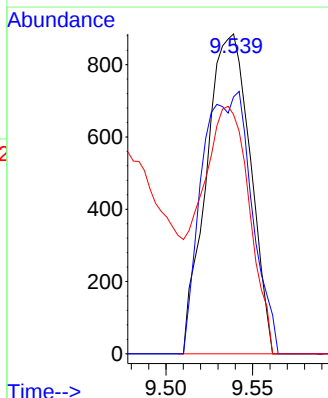
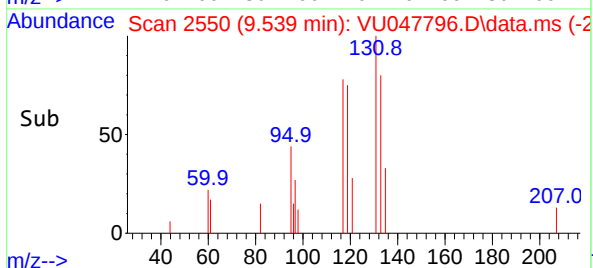
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

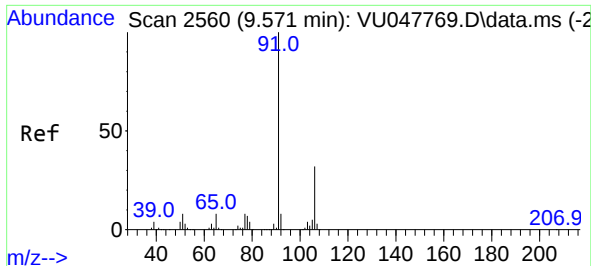


#66
1,1,1,2-Tetrachloroethane
Concen: 0.472 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



Tgt Ion:131 Resp: 1557
Ion Ratio Lower Upper
131 100
133 92.9 48.4 145.0
119 0.0 33.9 101.6#





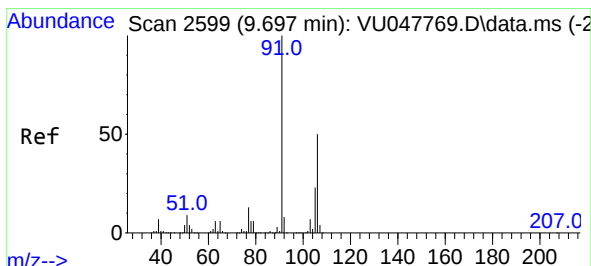
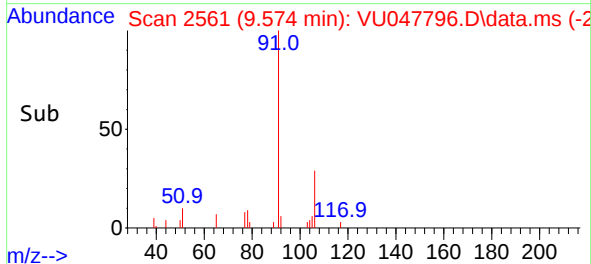
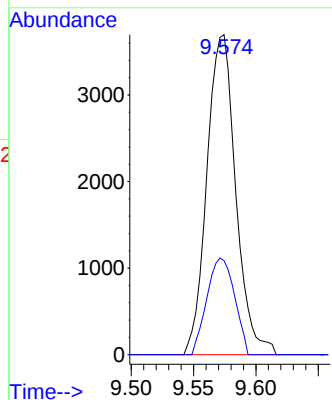
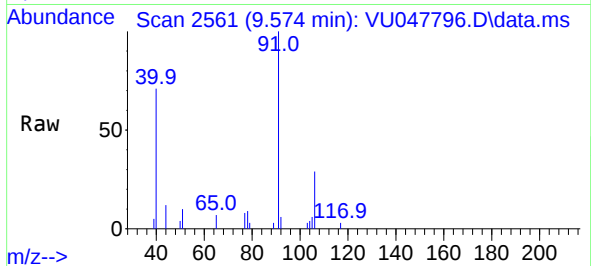
#67
Ethyl Benzene
Concen: 0.407 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

Tgt Ion: 91 Resp: 5964
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4

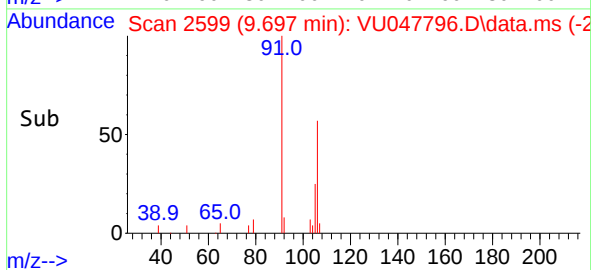
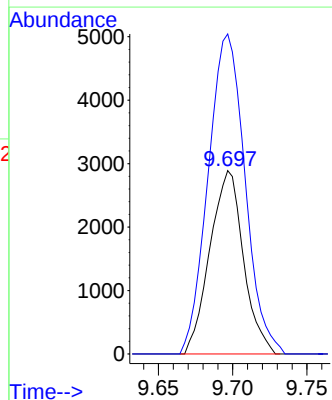
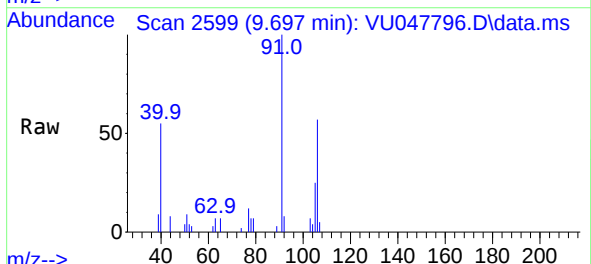
Manual Integrations
APPROVED

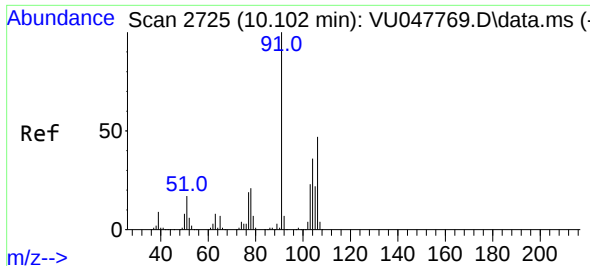
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#68
m/p-Xylenes
Concen: 0.788 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

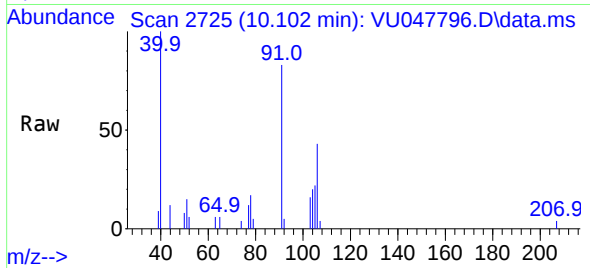
Tgt Ion:106 Resp: 4541
Ion Ratio Lower Upper
106 100
91 191.6 157.2 235.8





#69
o-Xylene
Concen: 0.386 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

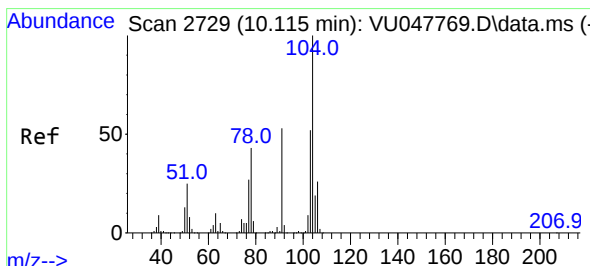
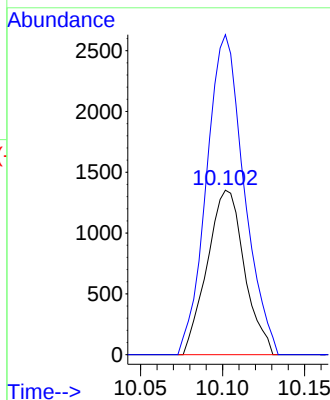
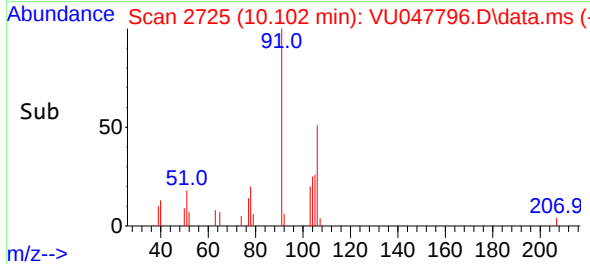
Instrument : MSVOA_U
ClientSampleId : MDL04 0.5ppb



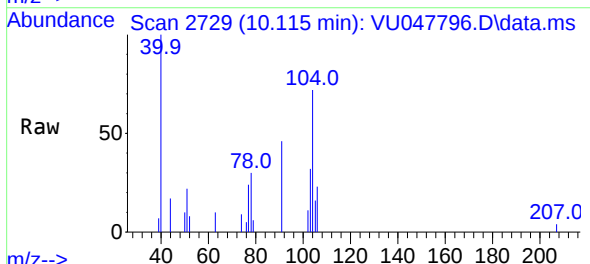
Tgt Ion:106 Resp: 2130
Ion Ratio Lower Upper
106 100
91 196.3 103.5 310.5

Manual Integrations
APPROVED

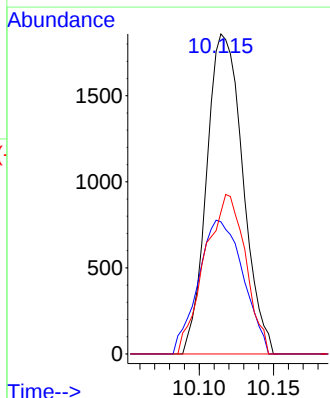
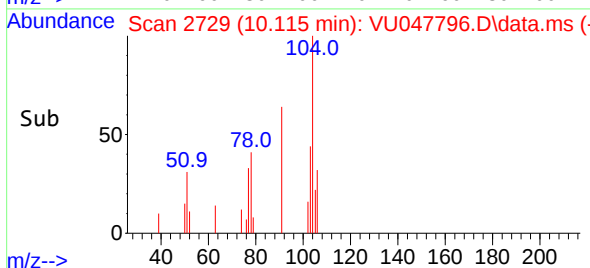
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

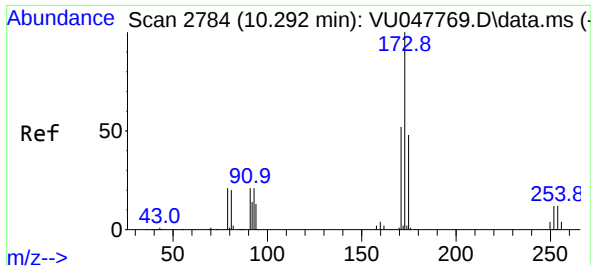


#70
Styrene
Concen: 0.344 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



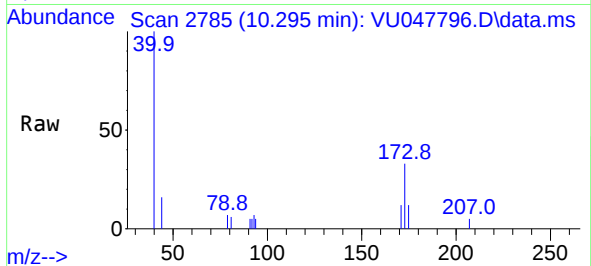
Tgt Ion:104 Resp: 3150
Ion Ratio Lower Upper
104 100
78 51.5 38.0 57.0
103 56.2 43.9 65.9





#71
Bromoform
Concen: 0.411 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

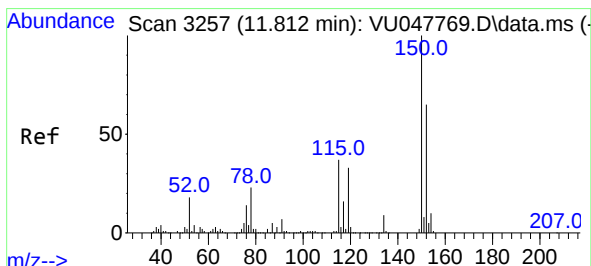
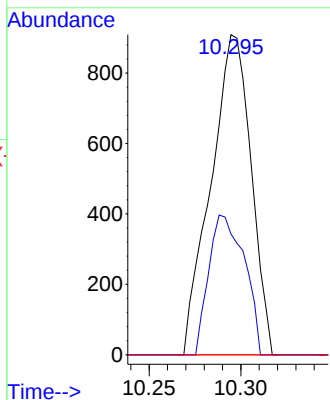
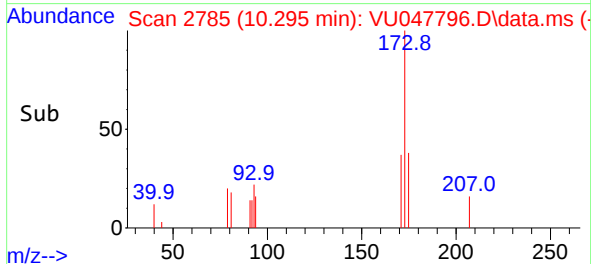
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



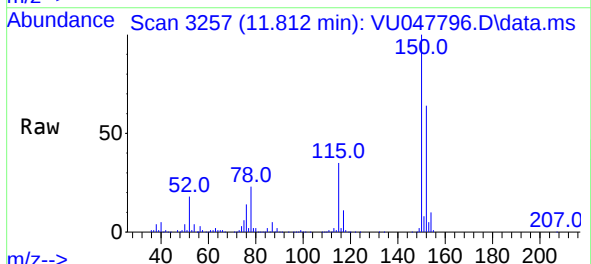
Tgt Ion:173 Resp: 1384
Ion Ratio Lower Upper
173 100
175 38.7 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

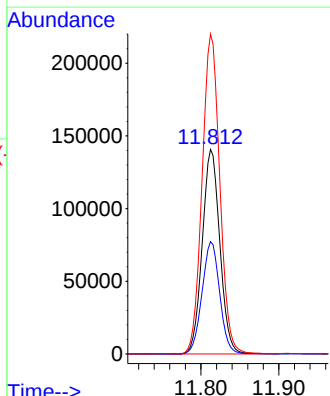
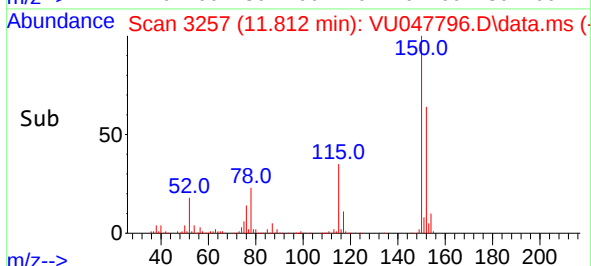
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

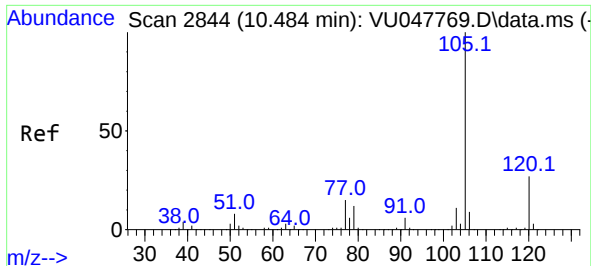


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



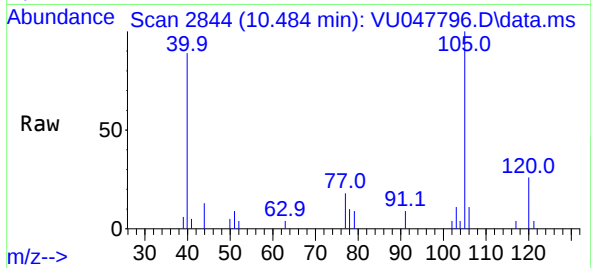
Tgt Ion:152 Resp: 220696
Ion Ratio Lower Upper
152 100
115 55.1 37.0 110.9
150 157.3 0.0 342.2





#73
Isopropylbenzene
Concen: 0.372 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

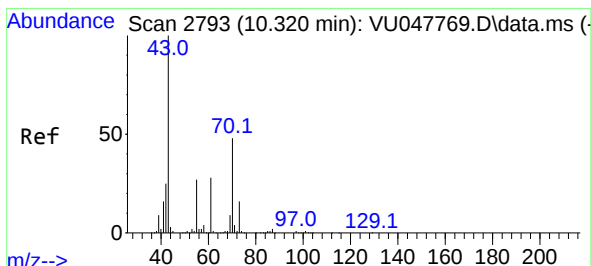
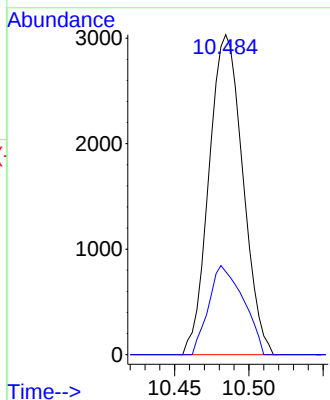
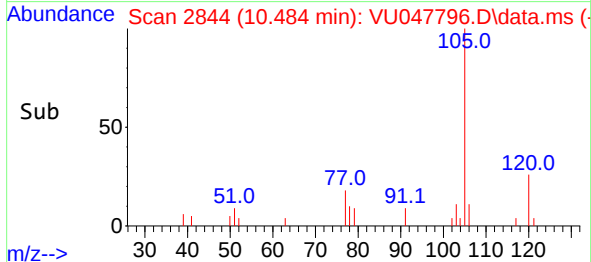
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



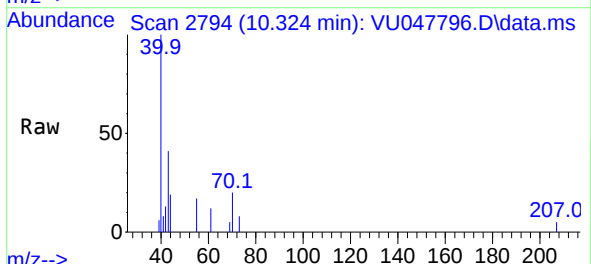
Tgt Ion:105 Resp: 4800
Ion Ratio Lower Upper
105 100
120 28.5 13.8 41.4

Manual Integrations
APPROVED

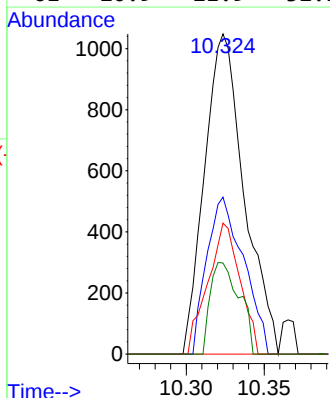
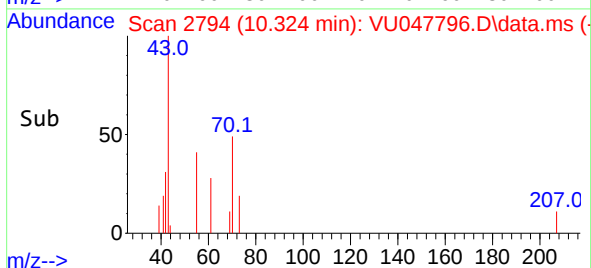
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

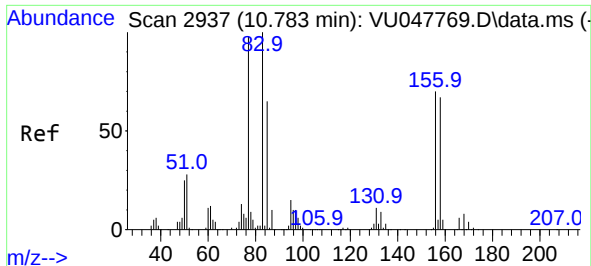


#74
N-ethyl acetate
Concen: 0.363 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
70 45.5 38.7 58.1
55 33.2 21.8 32.8#
61 20.9 21.9 32.9#





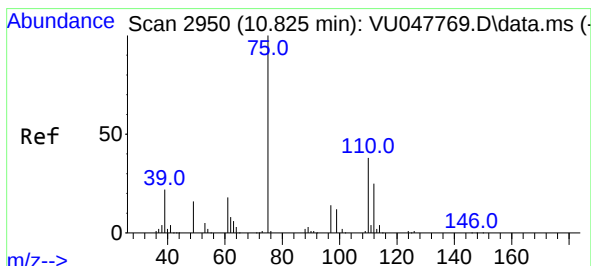
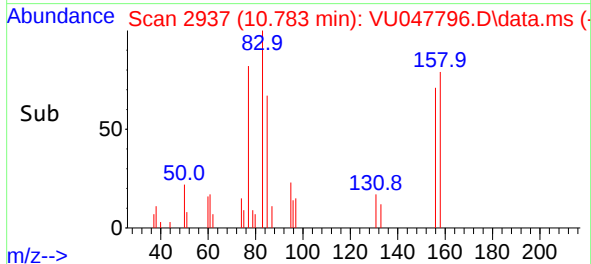
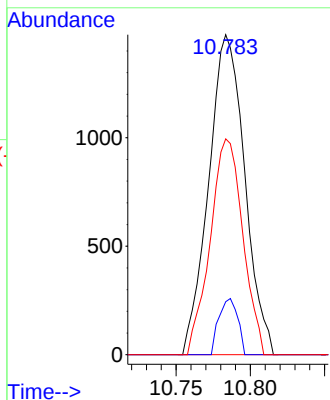
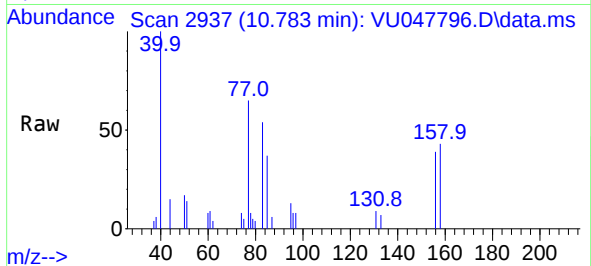
#75
1,1,2,2-Tetrachloroethane
Concen: 0.462 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

Tgt Ion: 83 Resp: 2492
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.4
85 61.0 32.2 96.6

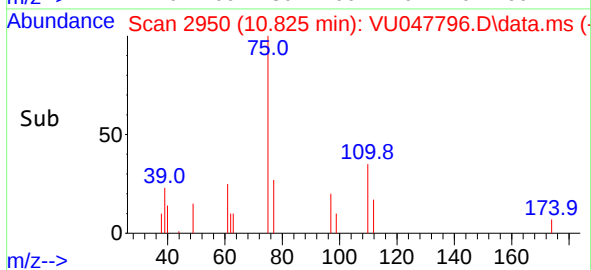
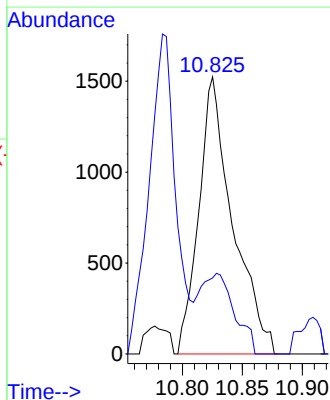
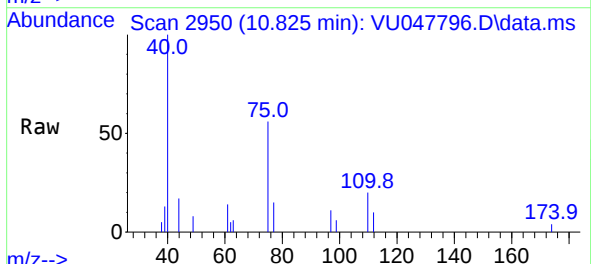
Manual Integrations
APPROVED

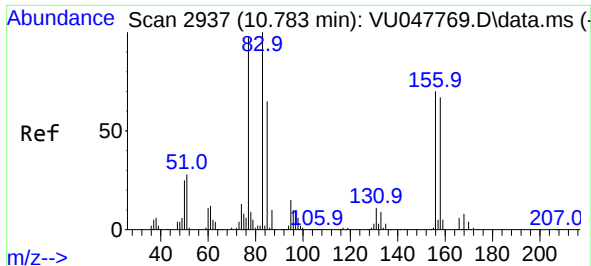
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#76
1,2,3-Trichloropropane
Concen: 0.485 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 75 Resp: 2994
Ion Ratio Lower Upper
75 100
77 29.4 15.8 47.3





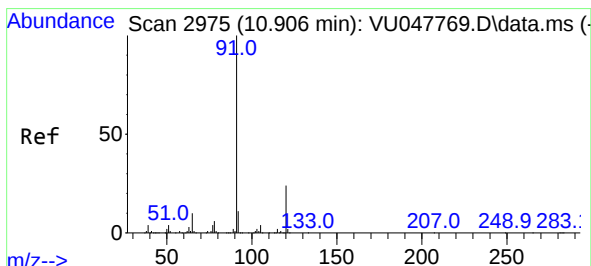
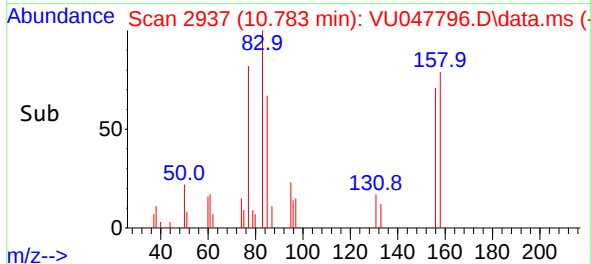
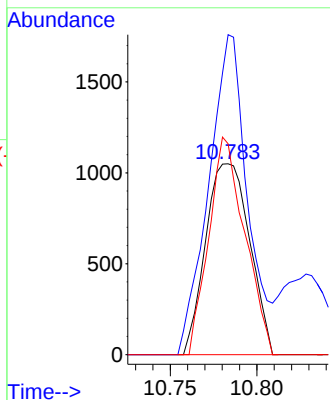
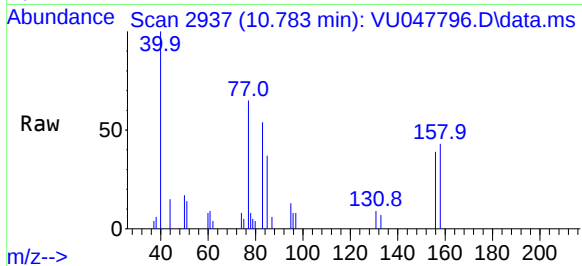
#77
Bromobenzene
Concen: 0.500 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

Tgt Ion: 156 Resp: 185
Ion Ratio Lower Upper
156 100
77 148.1 71.9 215.6
158 93.0 48.9 146.8

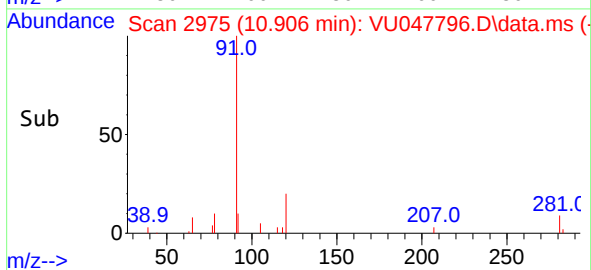
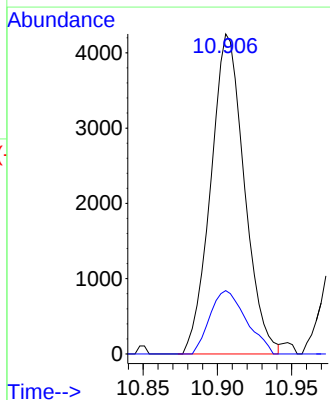
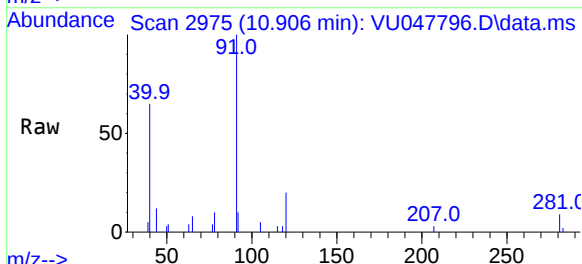
Manual Integrations
APPROVED

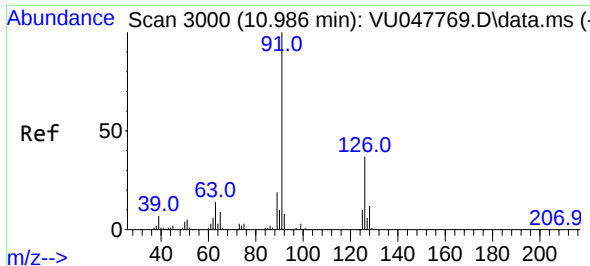
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#78
n-propylbenzene
Concen: 0.433 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 91 Resp: 6678
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.5





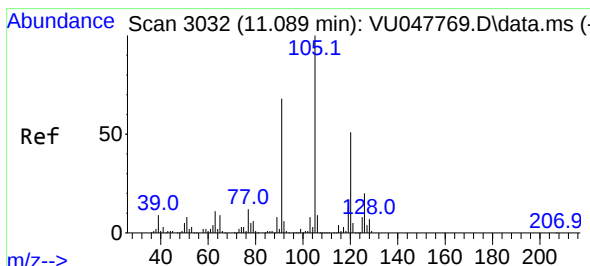
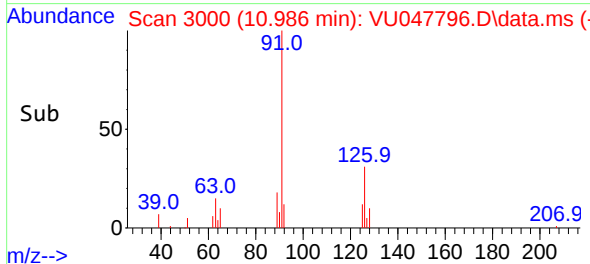
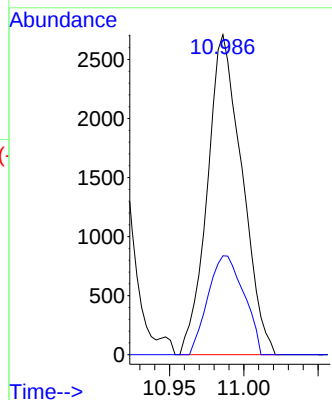
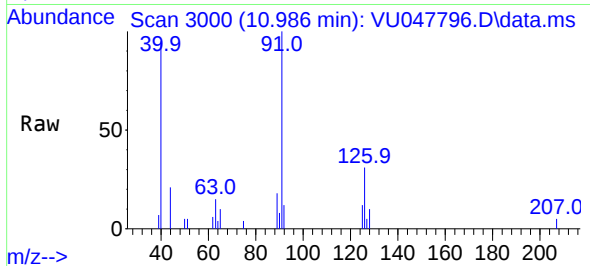
#79
2-Chlorotoluene
Concen: 0.475 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

Tgt Ion: 91 Resp: 4400
Ion Ratio Lower Upper
91 100
126 32.0 18.4 55.0

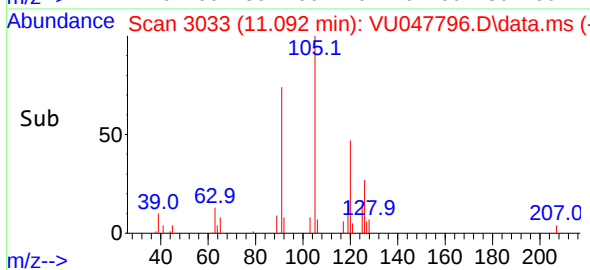
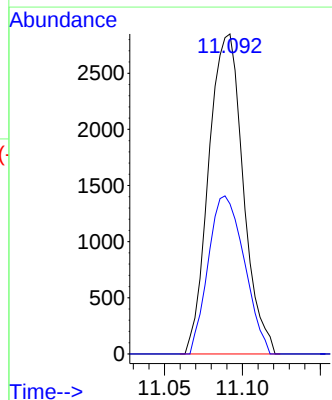
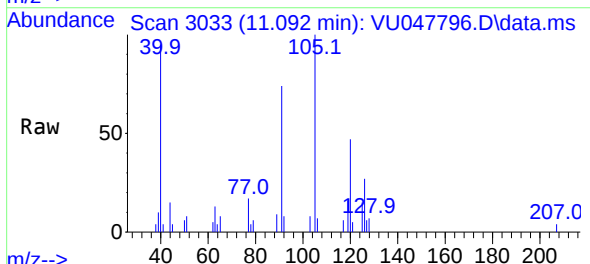
Manual Integrations
APPROVED

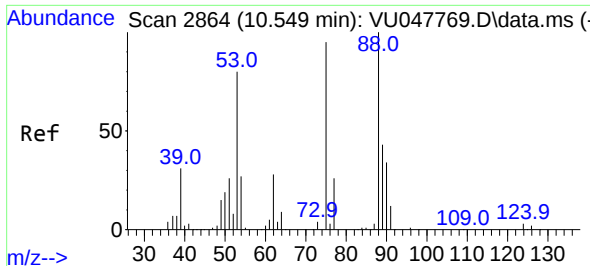
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.403 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

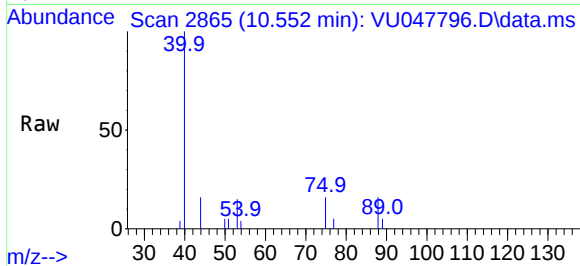
Tgt Ion:105 Resp: 4381
Ion Ratio Lower Upper
105 100
120 51.7 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 0.374 ug/l m
RT: 10.552 min Scan# 2865
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

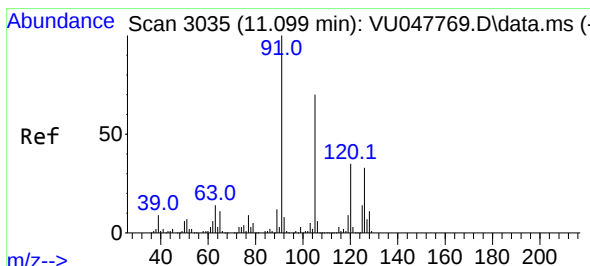
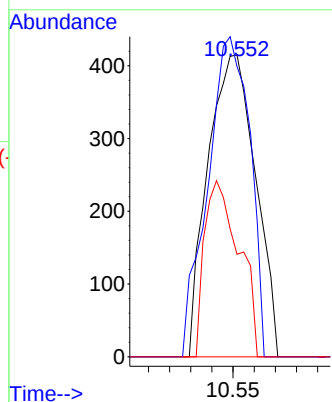
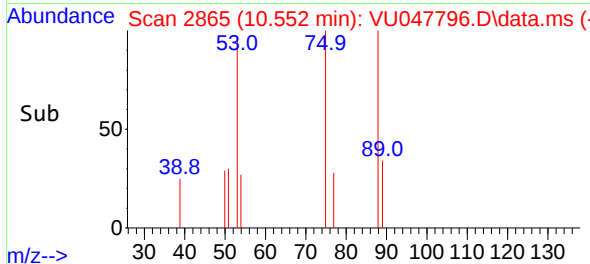
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



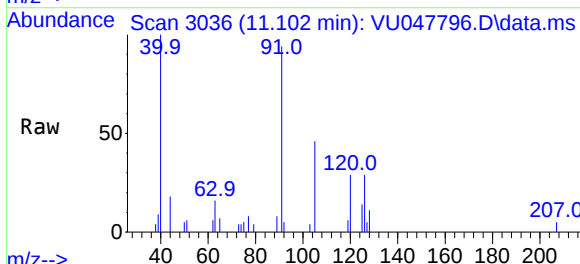
Tgt Ion: 75 Resp: 649
Ion Ratio Lower Upper
75 100
53 6.3 69.2 103.8
89 0.0 37.0 55.6

Manual Integrations
APPROVED

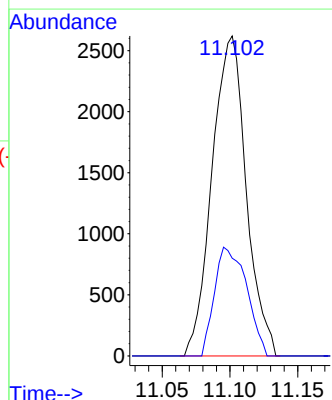
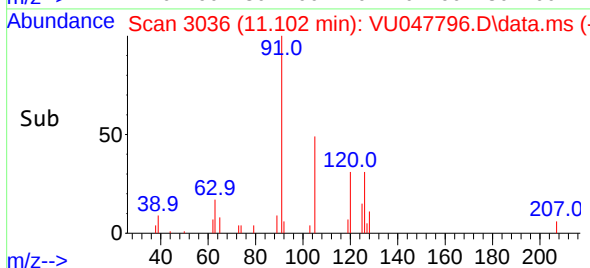
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

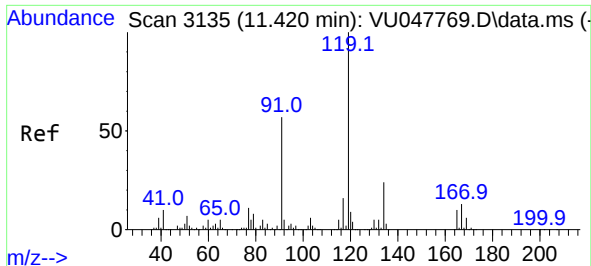


#82
4-Chlorotoluene
Concen: 0.427 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



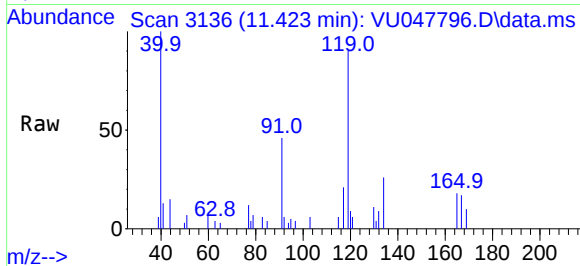
Tgt Ion: 91 Resp: 4598
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.2





#83
tert-Butylbenzene
Concen: 0.402 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

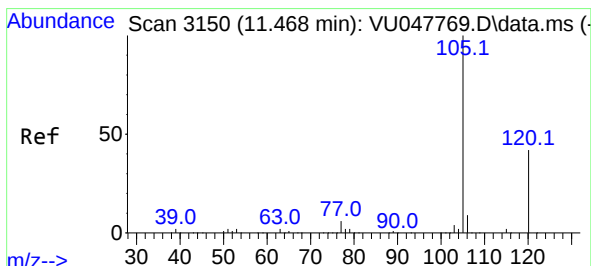
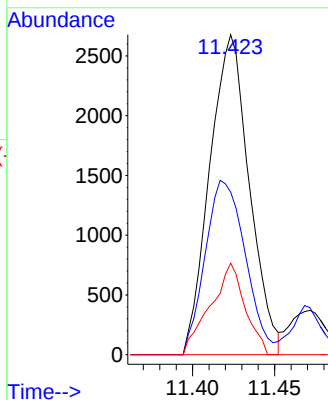
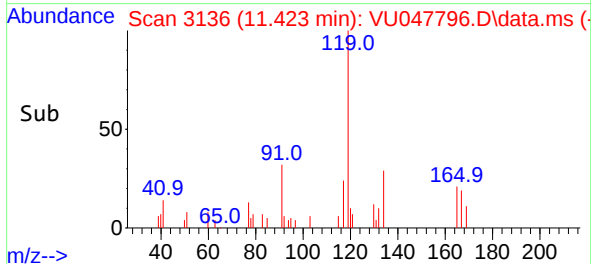
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



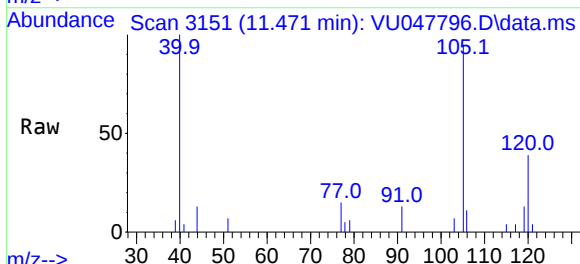
Tgt Ion:119 Resp: 4498
Ion Ratio Lower Upper
119 100
91 55.2 26.8 80.3
134 25.0 11.5 34.5

Manual Integrations
APPROVED

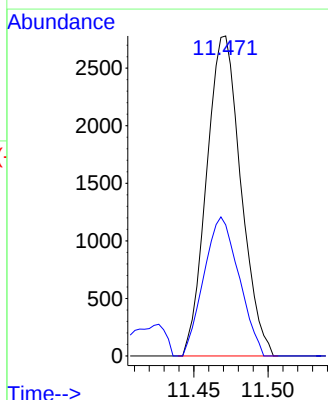
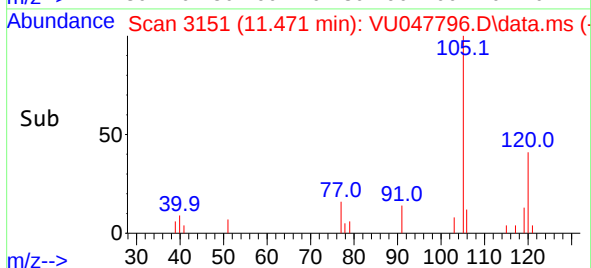
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

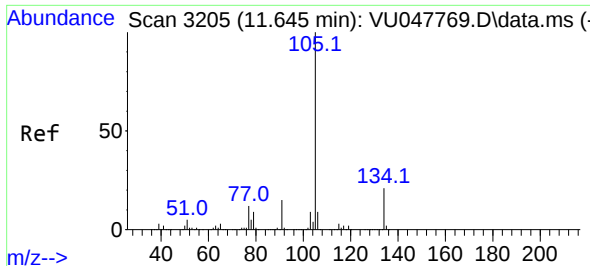


#84
1,2,4-Trimethylbenzene
Concen: 0.413 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



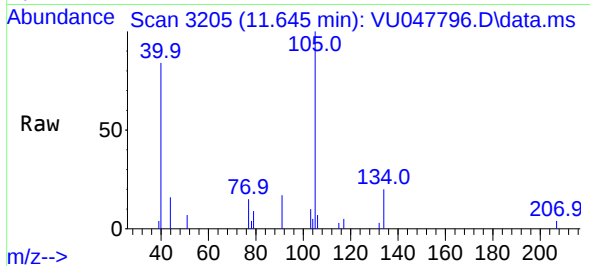
Tgt Ion:105 Resp: 4464
Ion Ratio Lower Upper
105 100
120 44.5 23.4 70.3





#85
 sec-Butylbenzene
 Concen: 0.362 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23

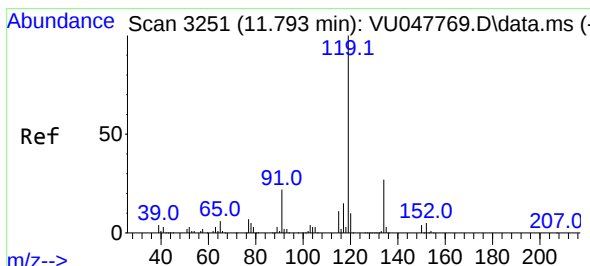
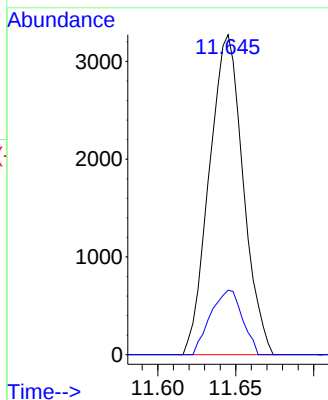
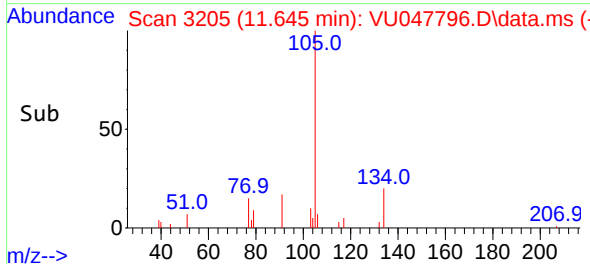
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 0.5ppb



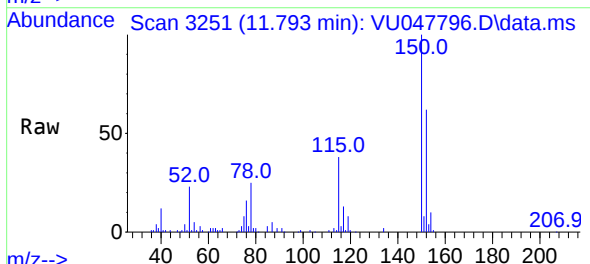
Tgt Ion:105 Resp: 4950
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

Manual Integrations
 APPROVED

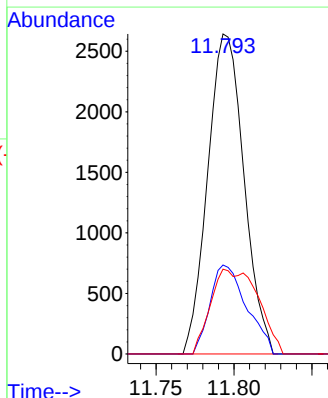
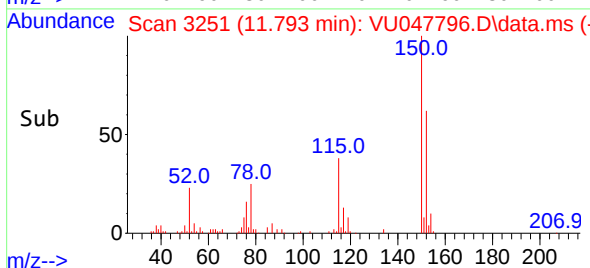
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

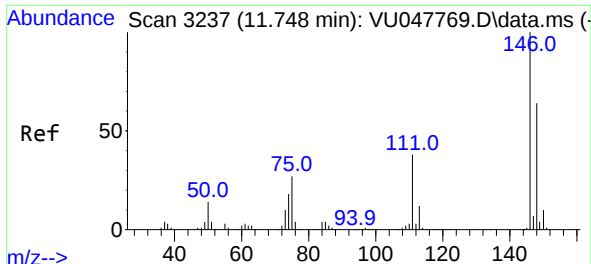


#86
 p-Isopropyltoluene
 Concen: 0.365 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23



Tgt Ion:119 Resp: 4271
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.5 40.4
 91 34.7 11.2 33.5#





#87

1,3-Dichlorobenzene

Concen: 0.477 ug/l

RT: 11.748 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

Tgt Ion:146 Resp: 3529

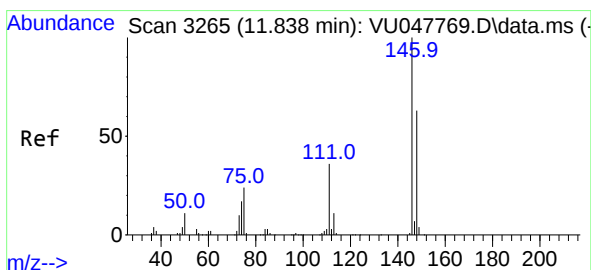
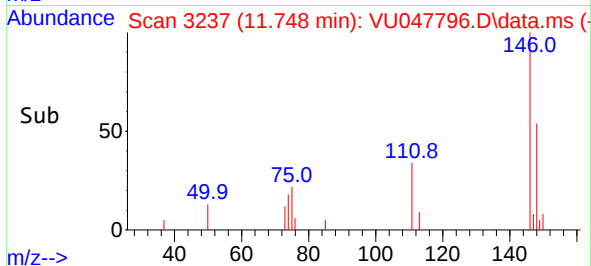
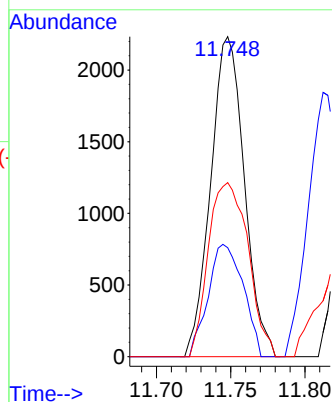
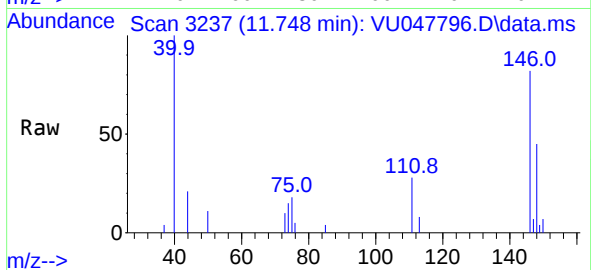
Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.9	56.5
148	64.3	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#88

1,4-Dichlorobenzene

Concen: 0.508 ug/l m

RT: 11.835 min Scan# 3264

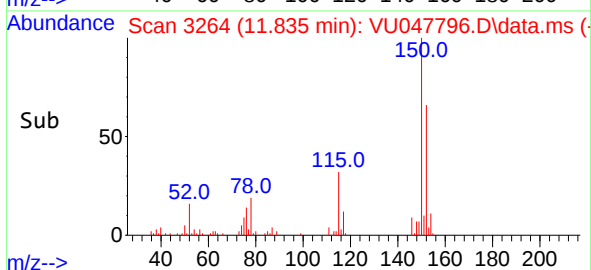
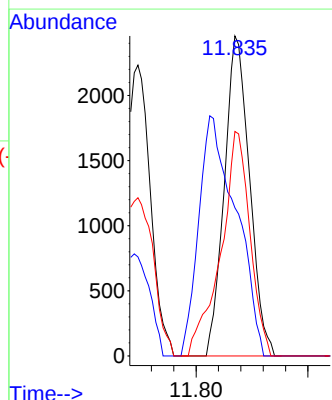
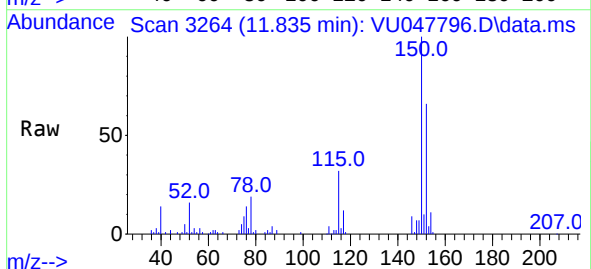
Delta R.T. -0.003 min

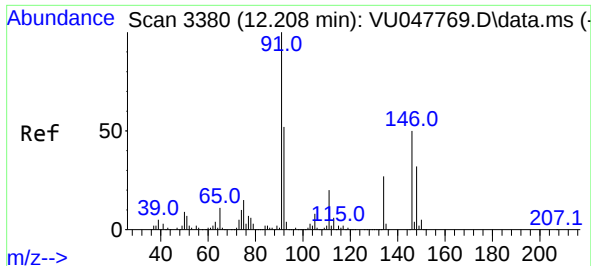
Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Tgt Ion:146 Resp: 3843

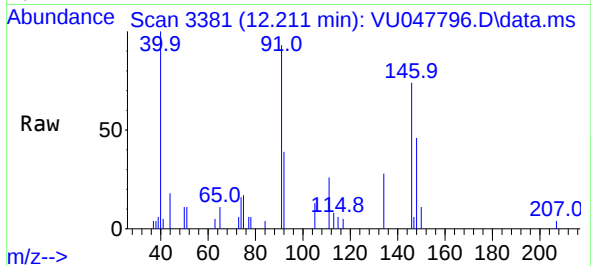
Ion	Ratio	Lower	Upper
146	100		
111	33.4	18.5	55.5
148	58.9	31.9	95.7





#89
n-Butylbenzene
Concen: 0.382 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

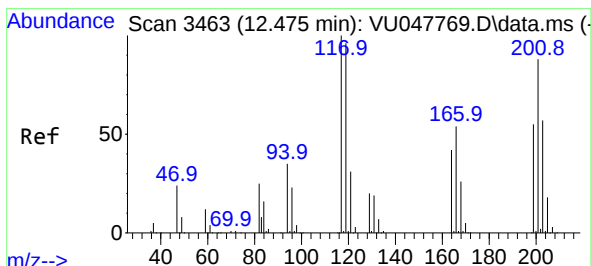
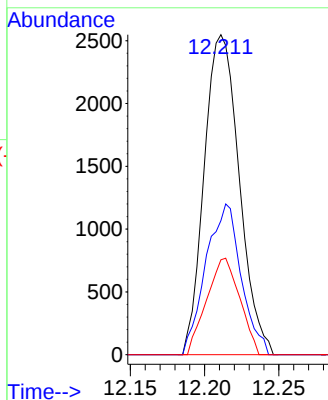
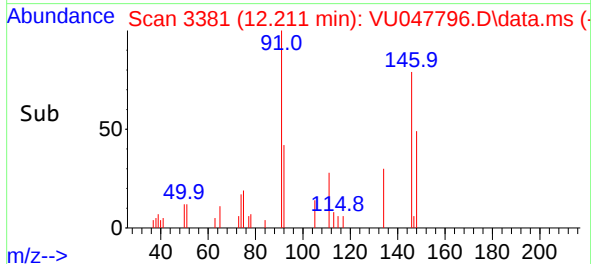
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



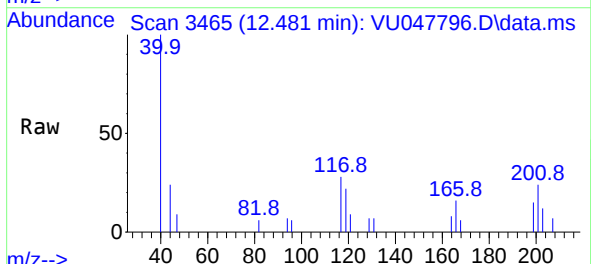
Tgt Ion: 91 Resp: 418
Ion Ratio Lower Upper
91 100
92 47.4 26.2 78.6
134 28.4 13.5 40.4

Manual Integrations
APPROVED

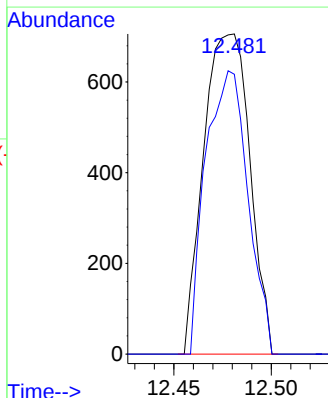
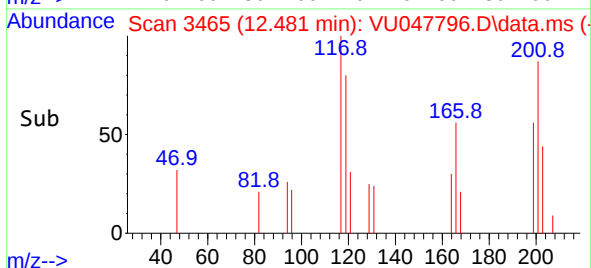
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

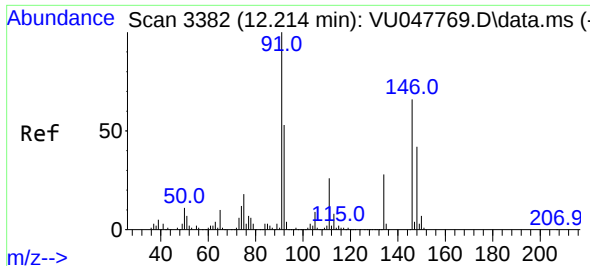


#90
Hexachloroethane
Concen: 0.493 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23



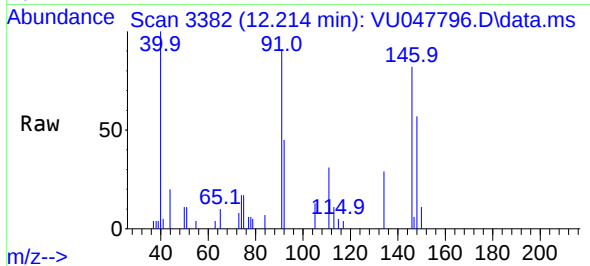
Tgt Ion:117 Resp: 1167
Ion Ratio Lower Upper
117 100
201 80.7 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 0.512 ug/l
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

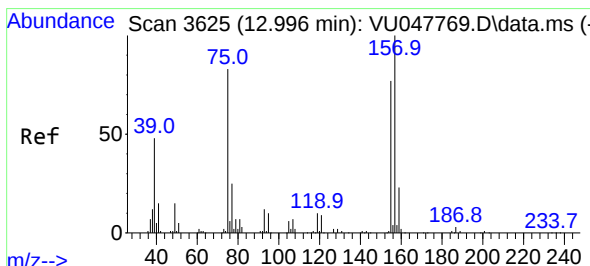
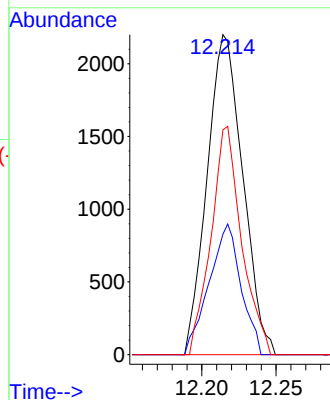
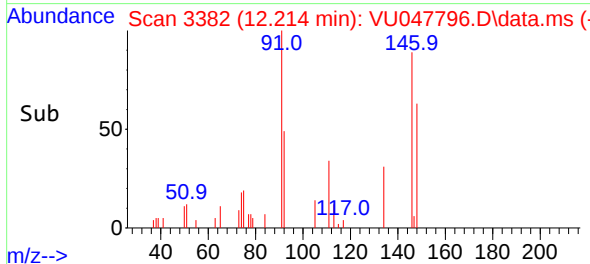
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb



Tgt Ion:	146	Resp:	367
Ion Ratio	Lower	Upper	
146	100		
111	36.5	19.9	59.6
148	61.2	32.1	96.5

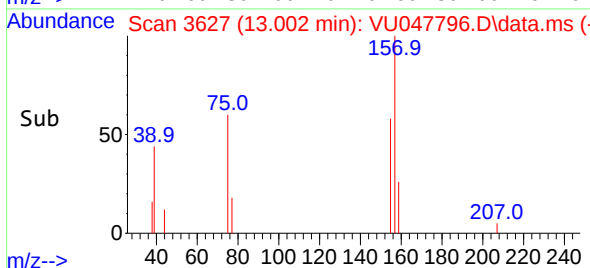
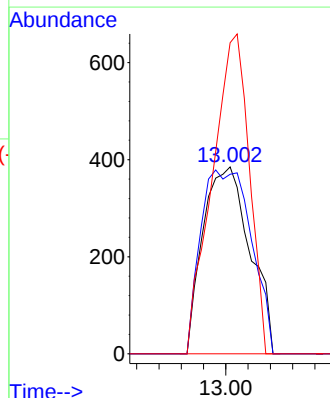
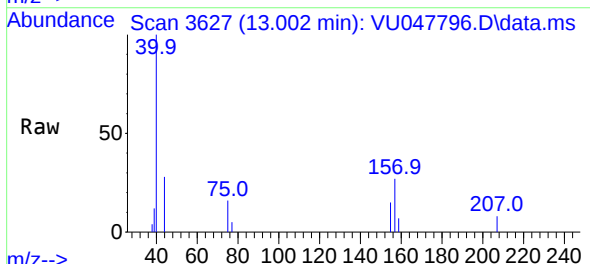
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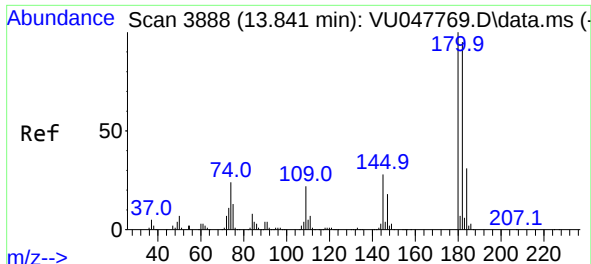
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.421 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:	75	Resp:	565
Ion Ratio	Lower	Upper	
75	100		
155	105.8	47.8	143.4
157	134.7	62.2	186.5





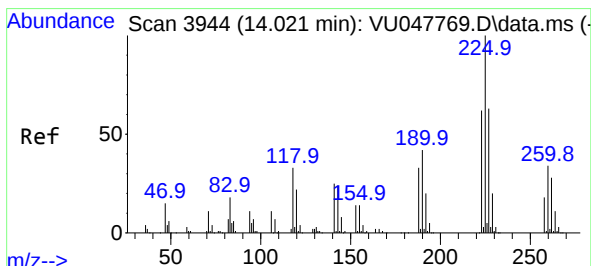
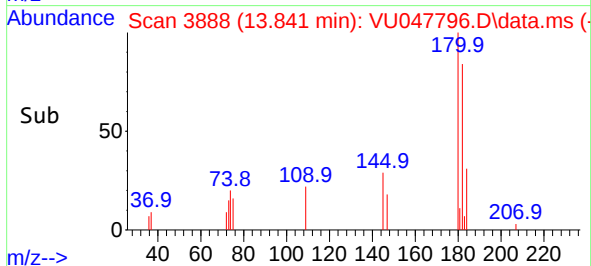
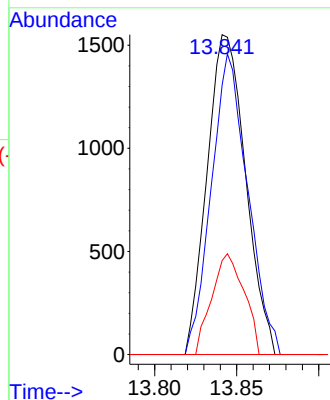
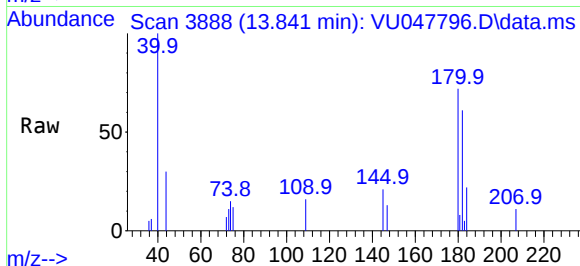
#93
1,2,4-Trichlorobenzene
Concen: 0.497 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument : MSVOA_U
ClientSampleId : MDL04 0.5ppb

Tgt Ion:	180	Resp:	252
Ion Ratio	Lower	Upper	
180	100		
182	88.9	47.9	143.6
145	26.4	14.0	41.9

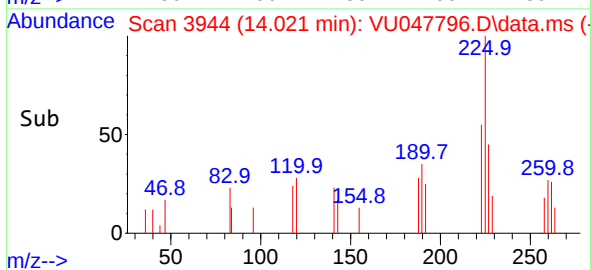
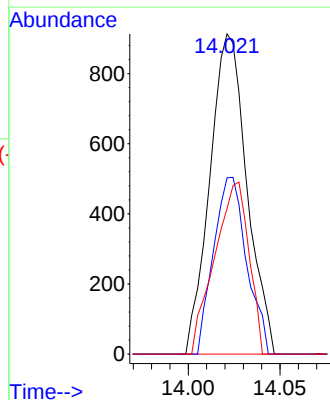
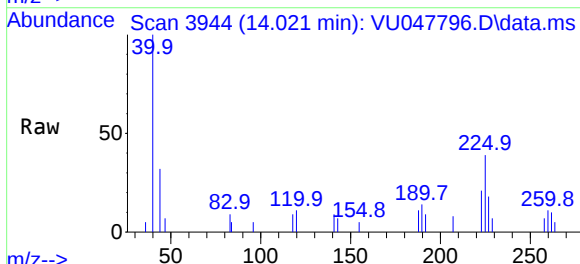
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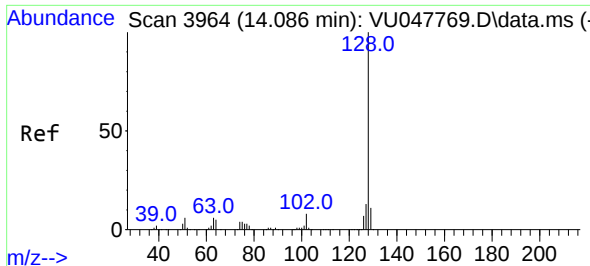
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#94
Hexachlorobutadiene
Concen: 0.499 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:	225	Resp:	1280
Ion Ratio	Lower	Upper	
225	100		
223	49.3	31.3	93.9
227	49.6	32.0	96.2





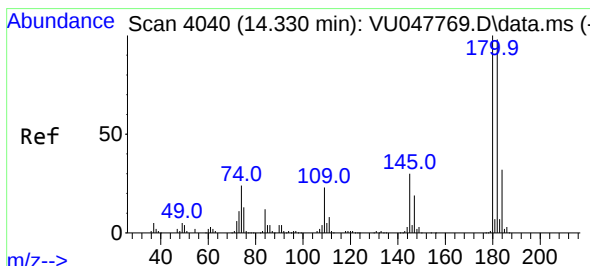
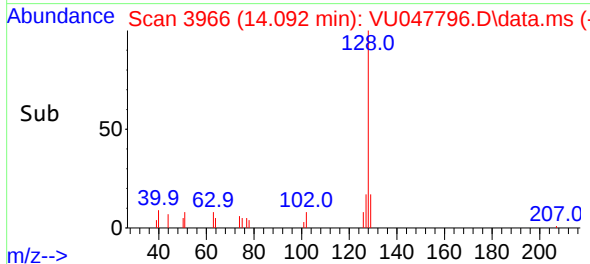
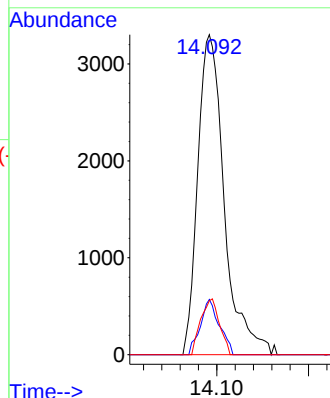
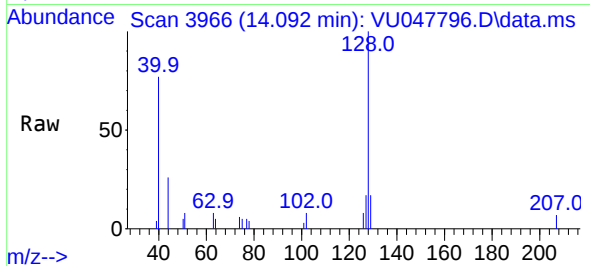
#95
Naphthalene
Concen: 0.438 ug/l
RT: 14.092 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

Tgt Ion:128 Resp: 664
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 12.2 8.6 13.0

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Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.487 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:180 Resp: 2418
Ion Ratio Lower Upper
180 100
182 91.8 48.4 145.0
145 28.2 14.8 44.4

