

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040222\
 Data File : VU047799.D
 Acq On : 02 Apr 2022 14:32
 Operator : SY/MD
 Sample : MDL04 2.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 2.5ppb

Quant Time: Apr 04 09:26:27 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

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.375	168	294610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	443389	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	433090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	234706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	172773	54.664	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.320%			
35) Dibromofluoromethane	5.292	113	155669	52.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.700%			
50) Toluene-d8	7.899	98	536054	50.040	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.080%			
62) 4-Bromofluorobenzene	10.632	95	191370	45.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	7694	2.333	ug/l	96
3) Chloromethane	1.523	50	9365	2.547	ug/l	97
4) Vinyl Chloride	1.607	62	9106	2.638	ug/l	98
5) Bromomethane	1.851	94	7082	3.115	ug/l	89
6) Chloroethane	1.932	64	6522	2.887	ug/l	99
7) Trichlorofluoromethane	2.141	101	12382	2.564	ug/l	89
8) Diethyl Ether	2.379	74	4871	2.635	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	7619	2.638	ug/l	93
10) Methyl Iodide	2.726	142	6225	2.237	ug/l	97
11) Tert butyl alcohol	3.179	59	10854	12.255	ug/l #	53
12) 1,1-Dichloroethene	2.581	96	7301	2.591	ug/l	90
13) Acrolein	2.488	56	6615	14.829	ug/l	97
14) Allyl chloride	2.925	41	10653	2.660	ug/l	97
15) Acrylonitrile	3.317	53	25711	12.101	ug/l	99
16) Acetone	2.626	43	23499	10.198	ug/l	99
17) Carbon Disulfide	2.797	76	21552	2.596	ug/l	98
18) Methyl Acetate	2.951	43	12280	2.848	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	22448	2.527	ug/l	98
20) Methylene Chloride	3.051	84	9240	2.700	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	7838	2.550	ug/l	96
22) Diisopropyl ether	3.993	45	19809	2.487	ug/l	96
23) Vinyl Acetate	3.961	43	82744m	11.450	ug/l	
24) 1,1-Dichloroethane	3.874	63	14578	2.782	ug/l	98
25) 2-Butanone	4.707	43	32263	11.118	ug/l	98
26) 2,2-Dichloropropane	4.668	77	11539	2.485	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	9088	2.605	ug/l	97
28) Bromochloromethane	4.980	49	4671	2.492	ug/l #	93
29) Tetrahydrofuran	5.054	42	20460	11.392	ug/l	99
30) Chloroform	5.089	83	14980	2.654	ug/l	92
31) Cyclohexane	5.385	56	16102	3.417	ug/l #	80
32) 1,1,1-Trichloroethane	5.321	97	13380	2.748	ug/l	93
36) 1,1-Dichloropropene	5.533	75	10985	2.617	ug/l	99
37) Ethyl Acetate	4.809	43	12174	2.154	ug/l #	94
38) Carbon Tetrachloride	5.526	117	11638	2.599	ug/l	99
39) Methylcyclohexane	6.764	83	11820	2.303	ug/l	93
40) Benzene	5.777	78	32679	2.619	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	5865	2.298	ug/l	96
42) 1,2-Dichloroethane	5.797	62	11908	2.741	ug/l	100
43) Isopropyl Acetate	5.915	43	17278	2.436	ug/l	99
44) Trichloroethene	6.546	130	9165	2.534	ug/l	97
45) 1,2-Dichloropropane	6.793	63	7748	2.466	ug/l	95
46) Dibromomethane	6.919	93	6328	2.551	ug/l	94
47) Bromodichloromethane	7.108	83	12093	2.648	ug/l	96
48) Methyl methacrylate	6.960	41	7046	2.169	ug/l	96
49) 1,4-Dioxane	6.967	88	4700	47.369	ug/l #	7
51) 4-Methyl-2-Pentanone	7.790	43	55650	10.716	ug/l	100
52) Toluene	7.970	92	20878	2.616	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	11720	2.302	ug/l	96
54) cis-1,3-Dichloropropene	7.607	75	12137	2.321	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	9176	2.688	ug/l #	91
56) Ethyl methacrylate	8.333	69	10430	2.128	ug/l	97
57) 1,3-Dichloropropane	8.575	76	14381	2.589	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.468	63	3138	8.979	ug/l	100
59) 2-Hexanone	8.684	43	44688	10.493	ug/l	96
60) Dibromochloromethane	8.809	129	9665	2.466	ug/l	97
61) 1,2-Dibromoethane	8.925	107	9912	2.558	ug/l	94
64) Tetrachloroethene	8.555	164	8191	2.557	ug/l	94
65) Chlorobenzene	9.446	112	23408	2.535	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.536	131	8651	2.543	ug/l	99
67) Ethyl Benzene	9.571	91	36185	2.393	ug/l	97
68) m/p-Xylenes	9.693	106	27429	4.613	ug/l	99
69) o-Xylene	10.099	106	13281	2.332	ug/l	94
70) Styrene	10.115	104	21163	2.237	ug/l	98
71) Bromoform	10.291	173	7988	2.297	ug/l #	98
73) Isopropylbenzene	10.484	105	33693	2.455	ug/l	98
74) N-amyl acetate	10.320	43	11309	2.085	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	15858	2.767	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	15770	2.400	ug/l	93
77) Bromobenzene	10.783	156	11322	2.870	ug/l	96
78) n-propylbenzene	10.906	91	40682	2.481	ug/l	98
79) 2-Chlorotoluene	10.986	91	25341	2.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	28282	2.444	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.546	75	3722	2.016	ug/l	89
82) 4-Chlorotoluene	11.099	91	29026	2.535	ug/l	97
83) tert-Butylbenzene	11.420	119	27235	2.289	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	26298	2.286	ug/l	99
85) sec-Butylbenzene	11.645	105	33379	2.298	ug/l	99
86) p-Isopropyltoluene	11.793	119	27031	2.171	ug/l	96
87) 1,3-Dichlorobenzene	11.748	146	20168	2.568	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	21785	2.708	ug/l	94
89) n-Butylbenzene	12.211	91	25936	2.229	ug/l	94
90) Hexachloroethane	12.478	117	6150	2.442	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	19383	2.540	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.002	75	3743	2.621	ug/l	94
93) 1,2,4-Trichlorobenzene	13.844	180	12947	2.393	ug/l	97
94) Hexachlorobutadiene	14.024	225	6662	2.440	ug/l	95
95) Naphthalene	14.092	128	32920	2.042	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	13050	2.473	ug/l	96

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ClientSampleId :
MDL04 2.5ppb

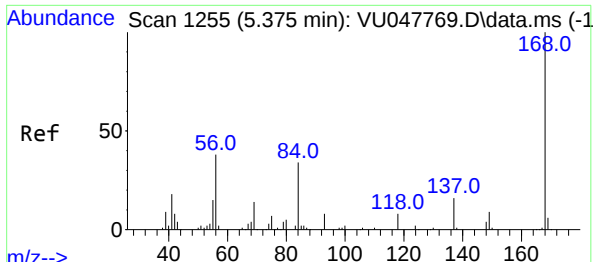
Manual Integrations
APPROVED

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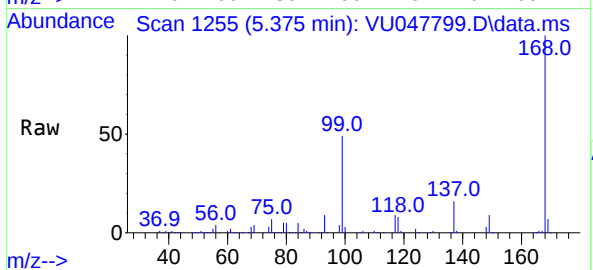
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047799.D
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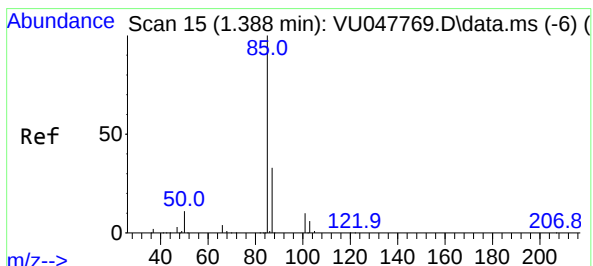
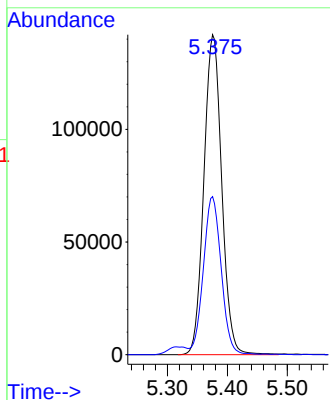
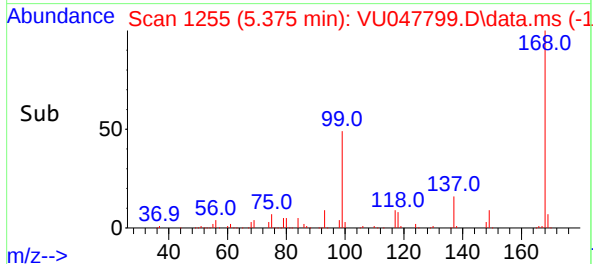
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



Tgt Ion:168 Resp: 294610
Ion Ratio Lower Upper
168 100
99 49.3 39.3 58.9

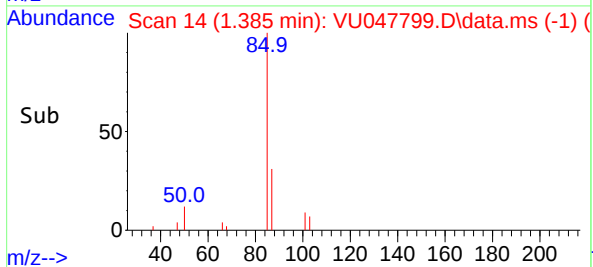
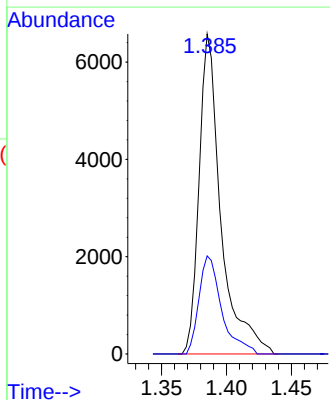
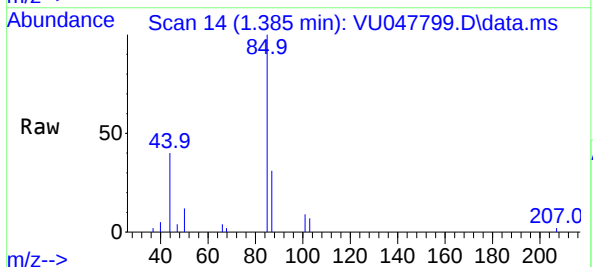
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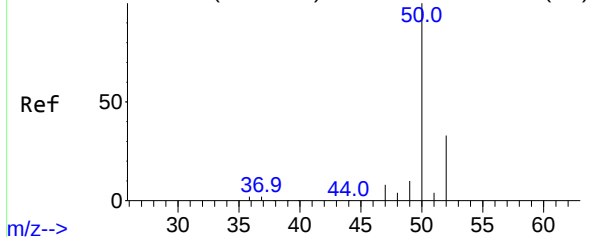


#2
Dichlorodifluoromethane
Concen: 2.333 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion: 85 Resp: 7694
Ion Ratio Lower Upper
85 100
87 30.6 16.4 49.2



Abundance Scan 57 (1.523 min): VU047769.D\data.ms (-47)



#3

Chloromethane

Concen: 2.547 ug/l

RT: 1.523 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

MDL04 2.5ppb

Tgt Ion: 50 Resp: 936

Ion Ratio Lower Upper

50 100

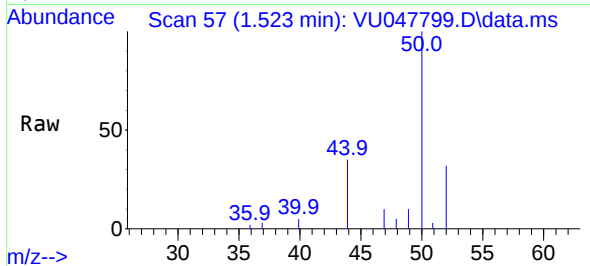
52 32.5 27.4 41.2

Manual Integrations

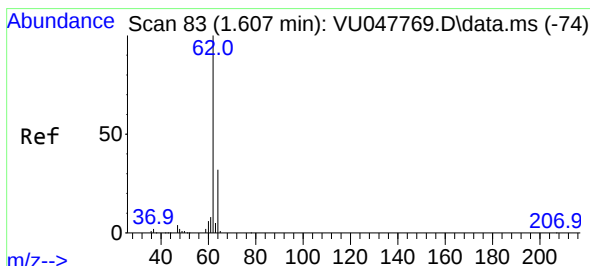
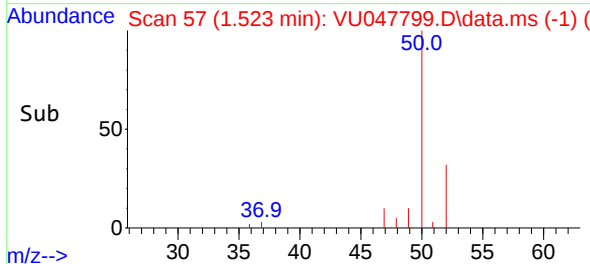
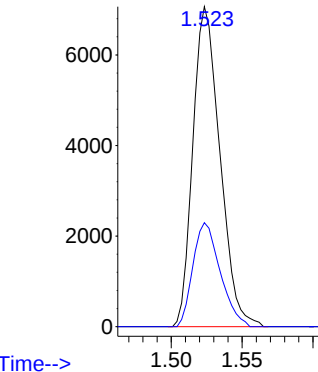
APPROVED

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Supervised By :Mahesh Dadoda 04/05/2022



Abundance



#4

Vinyl Chloride

Concen: 2.638 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU047799.D

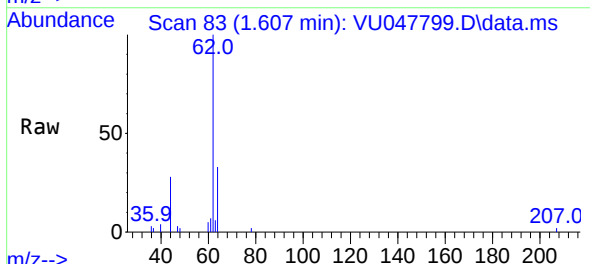
Acq: 02 Apr 2022 14:32

Tgt Ion: 62 Resp: 9106

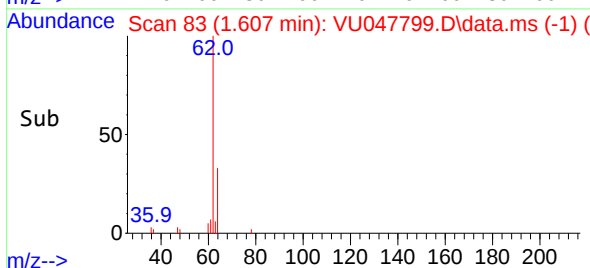
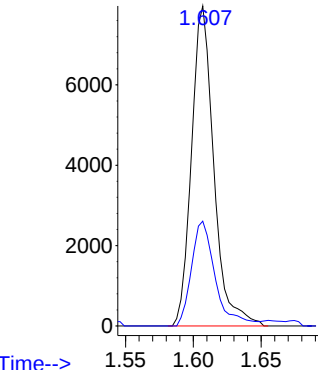
Ion Ratio Lower Upper

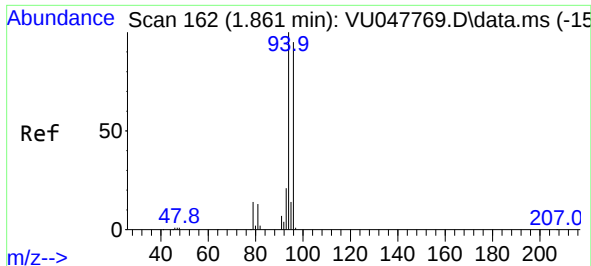
62 100

64 32.8 25.3 37.9



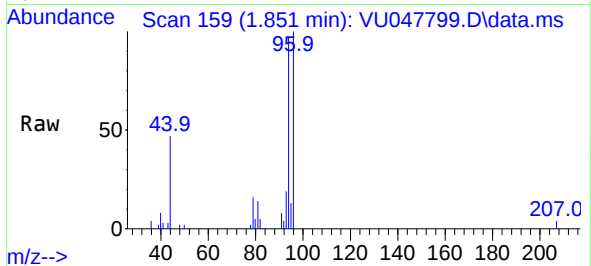
Abundance





#5
Bromomethane
Concen: 3.115 ug/l
RT: 1.851 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

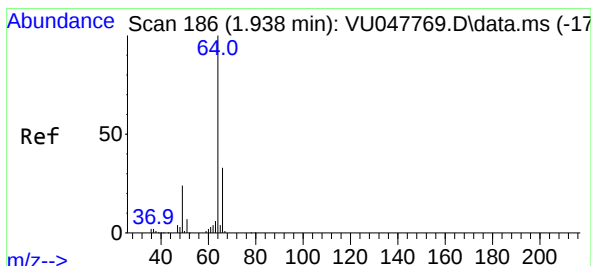
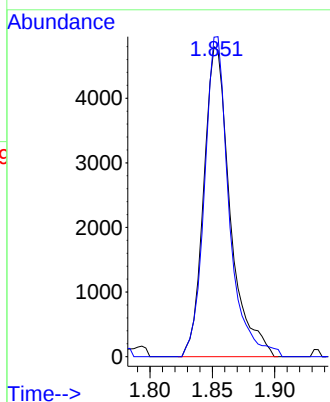
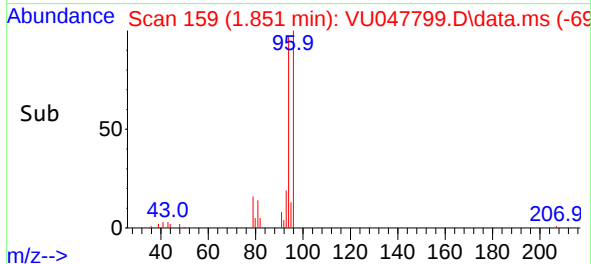
Instrument :
MSVOA_U
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MDL04 2.5ppb



Tgt Ion: 94 Resp: 7082
Ion Ratio Lower Upper
94 100
96 103.1 73.7 110.5

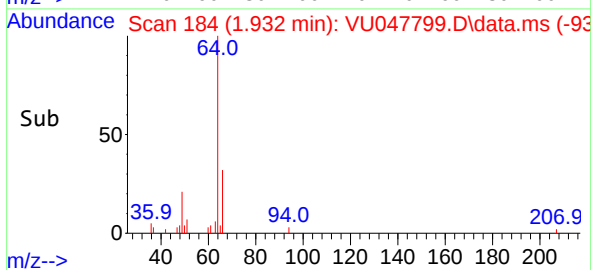
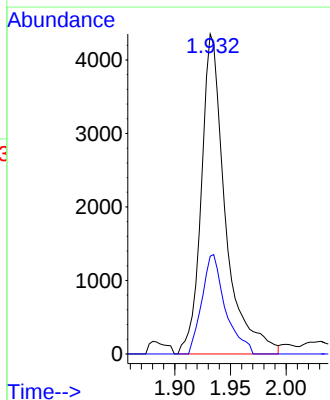
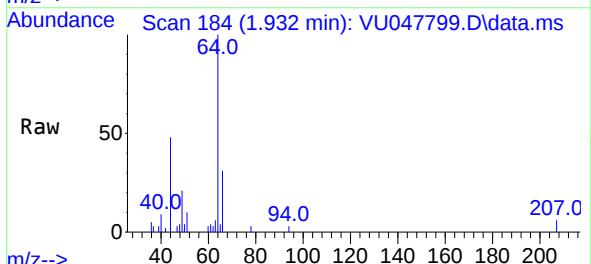
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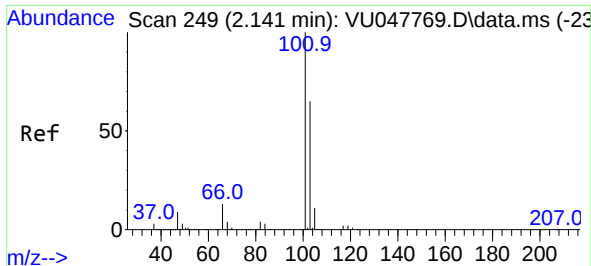
Reviewed By :John Carlone 04/04/2022
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#6
Chloroethane
Concen: 2.887 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.006 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

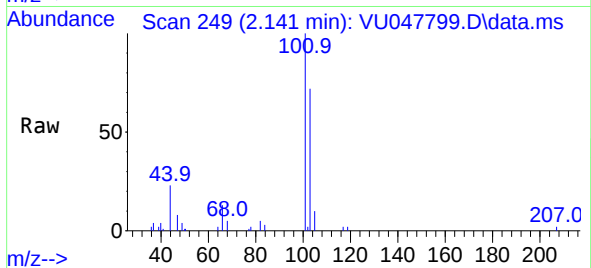
Tgt Ion: 64 Resp: 6522
Ion Ratio Lower Upper
64 100
66 30.5 24.7 37.1





#7
Trichlorofluoromethane
Concen: 2.564 ug/l
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

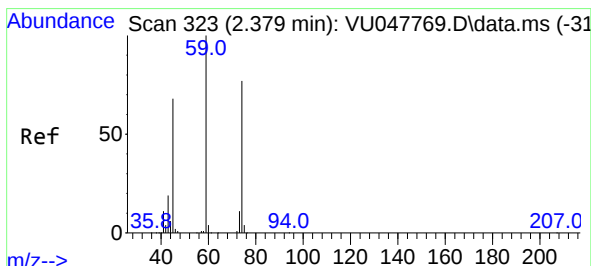
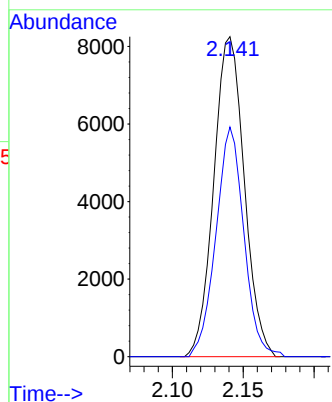
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



Tgt Ion:101 Resp: 1238
Ion Ratio Lower Upper
101 100
103 71.7 50.6 75.8

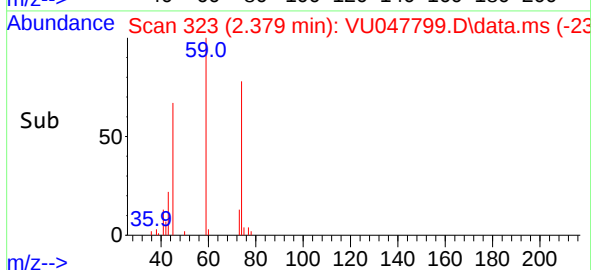
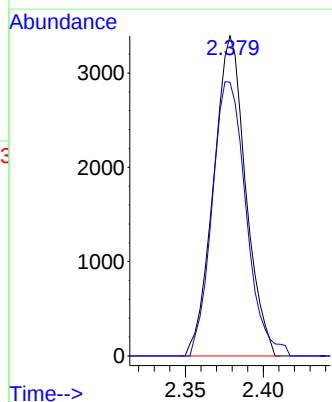
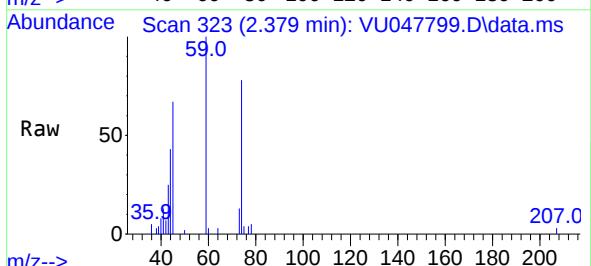
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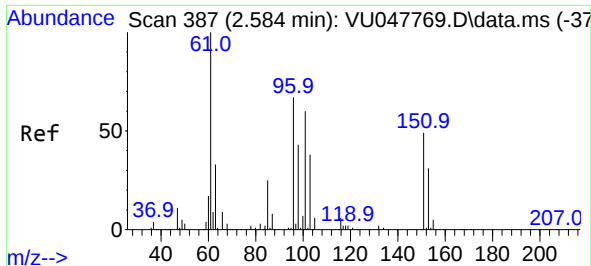
Reviewed By :John Carlone 04/04/2022
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#8
Diethyl Ether
Concen: 2.635 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion: 74 Resp: 4871
Ion Ratio Lower Upper
74 100
45 90.5 44.4 133.2





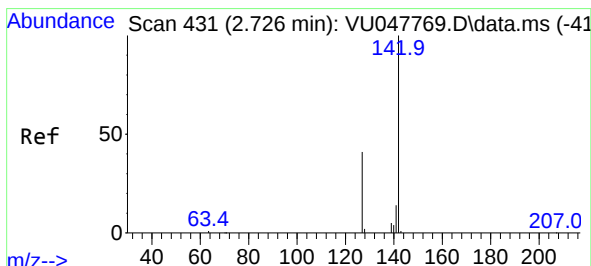
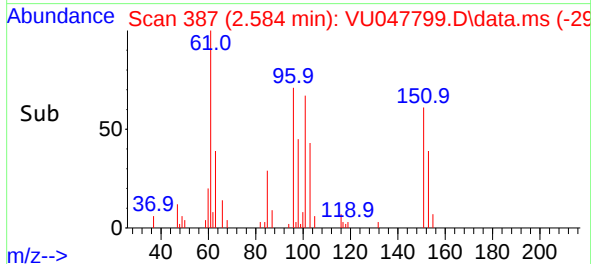
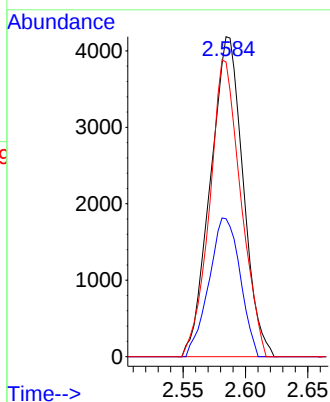
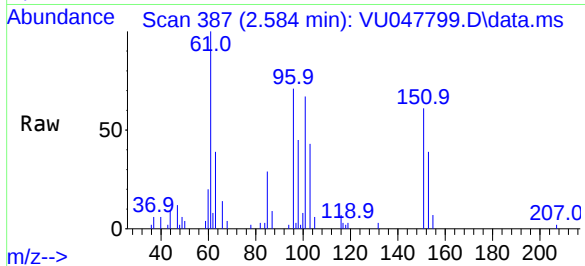
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.638 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb

Tgt Ion:101 Resp: 7619
Ion Ratio Lower Upper
101 100
85 41.3 33.9 50.9
151 88.3 64.0 96.0

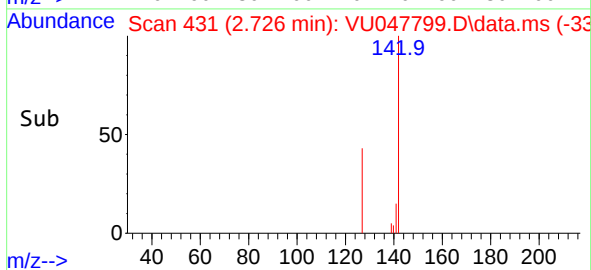
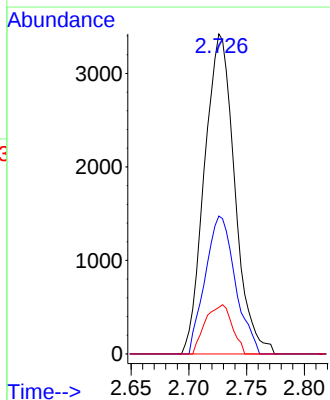
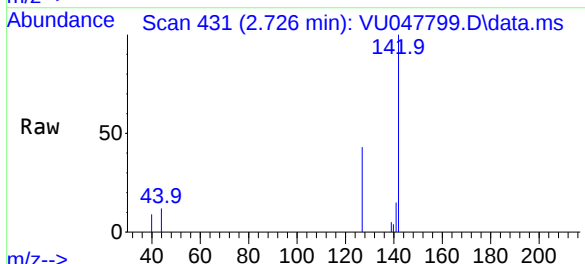
Manual Integrations
APPROVED

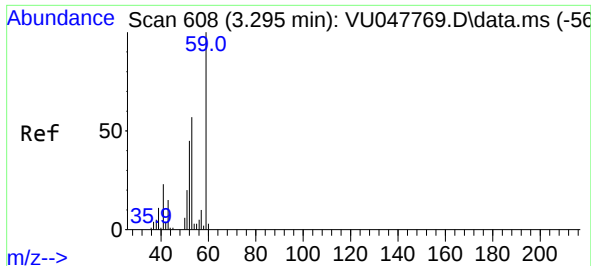
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#10
Methyl Iodide
Concen: 2.237 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

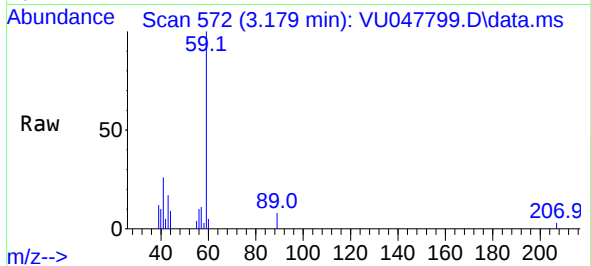
Tgt Ion:142 Resp: 6225
Ion Ratio Lower Upper
142 100
127 42.7 32.5 48.7
141 13.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 12.255 ug/l
RT: 3.179 min Scan# 511
Delta R.T. -0.116 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

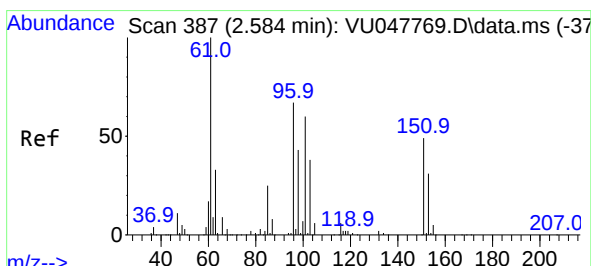
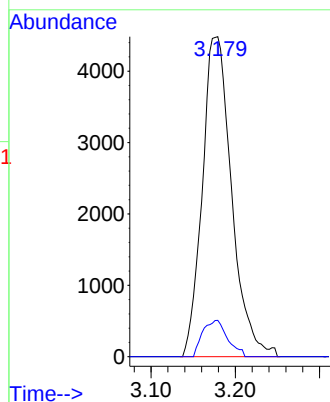
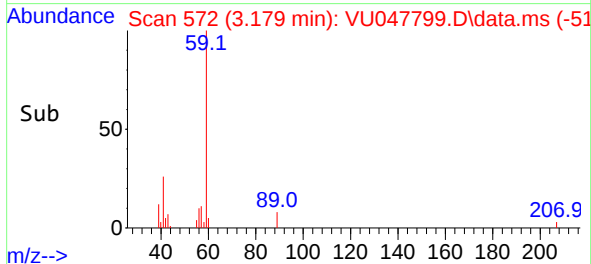
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



Tgt Ion: 59 Resp: 10854
Ion Ratio Lower Upper
59 100
57 9.6 30.6 45.8

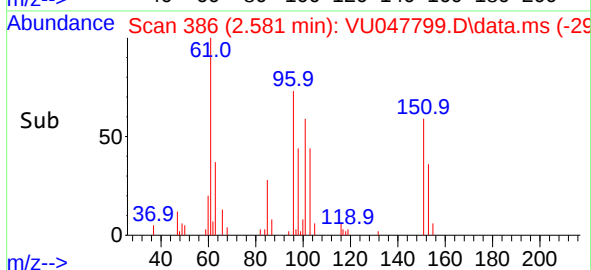
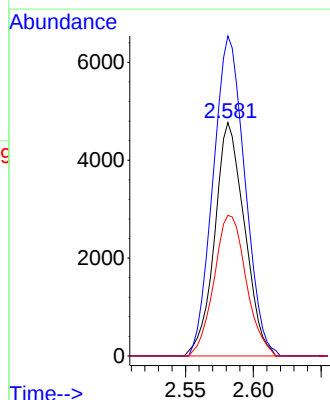
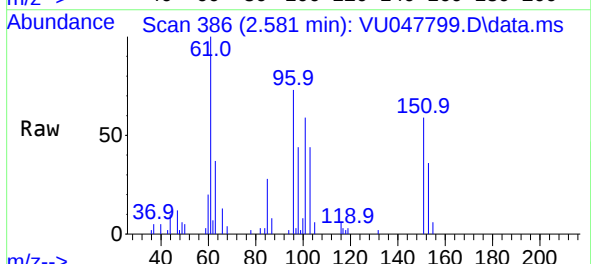
Manual Integrations
APPROVED

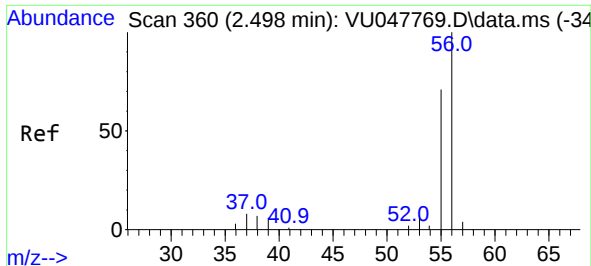
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#12
1,1-Dichloroethene
Concen: 2.591 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion: 96 Resp: 7301
Ion Ratio Lower Upper
96 100
61 137.1 122.2 183.2
98 60.3 50.7 76.1





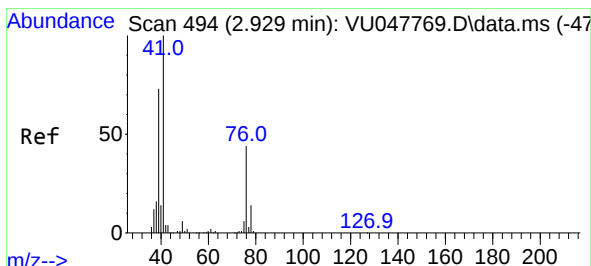
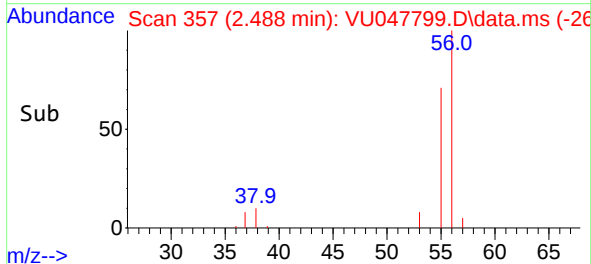
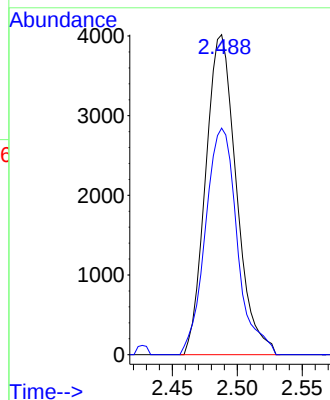
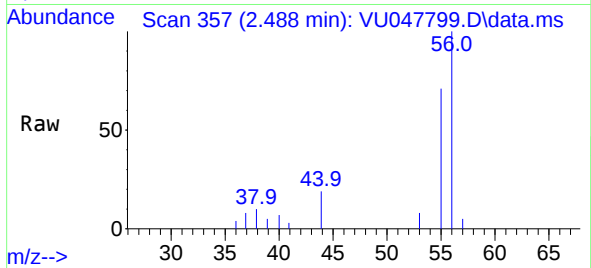
#13
Acrolein
Concen: 14.829 ug/l
RT: 2.488 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb

Tgt Ion: 56 Resp: 661
Ion Ratio Lower Upper
56 100
55 73.3 56.6 85.0

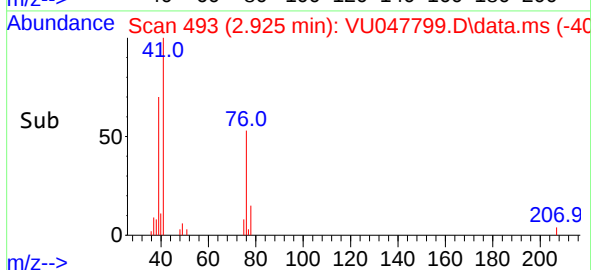
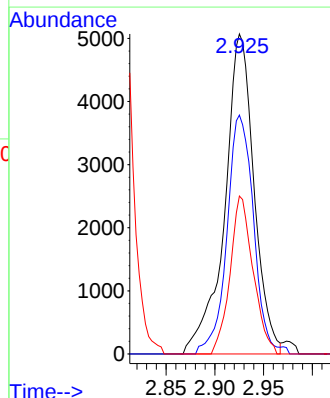
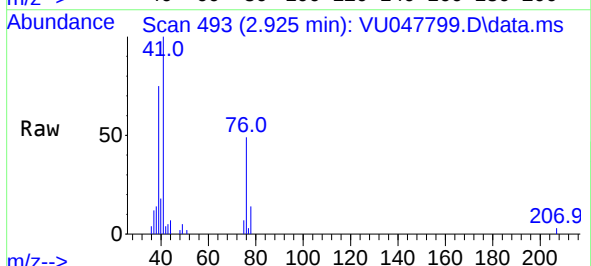
Manual Integrations
APPROVED

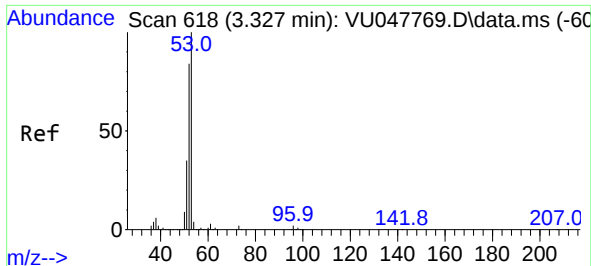
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#14
Allyl chloride
Concen: 2.660 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.004 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

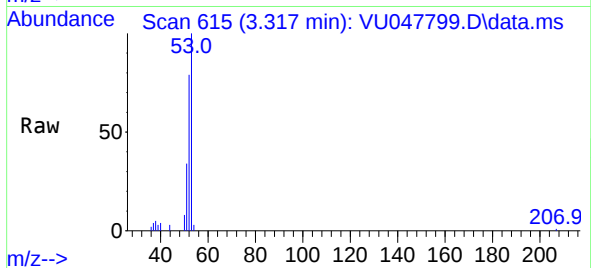
Tgt Ion: 41 Resp: 10653
Ion Ratio Lower Upper
41 100
39 67.6 53.4 80.2
76 38.6 33.8 50.6





#15
Acrylonitrile
Concen: 12.101 ug/l
RT: 3.317 min Scan# 618
Delta R.T. -0.010 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

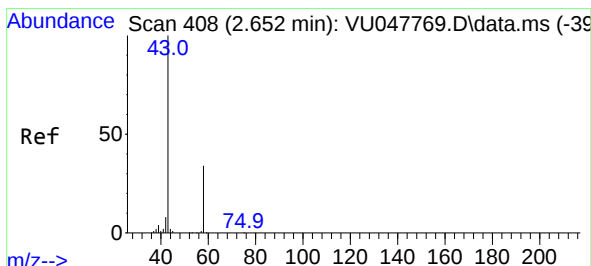
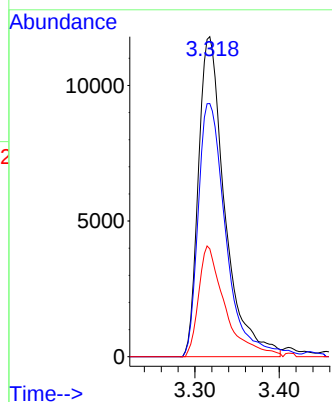
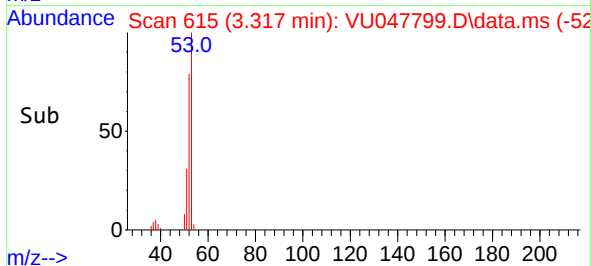
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



Tgt Ion: 53 Resp: 2571
Ion Ratio Lower Upper
53 100
52 83.4 65.7 98.5
51 34.7 28.2 42.4

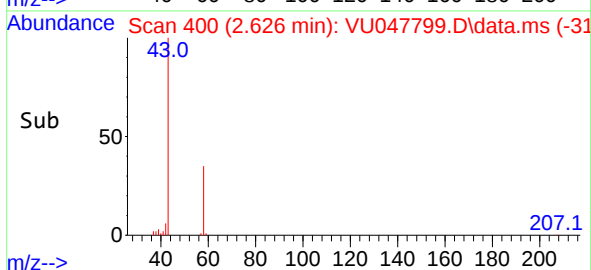
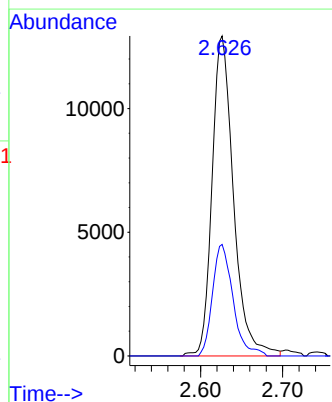
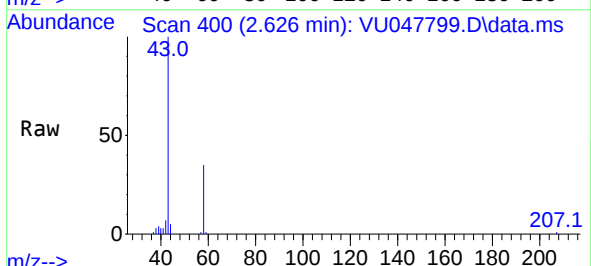
Manual Integrations
APPROVED

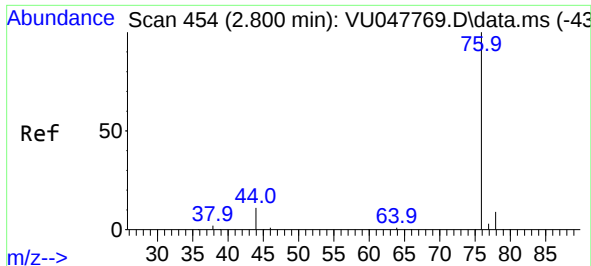
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#16
Acetone
Concen: 10.198 ug/l
RT: 2.626 min Scan# 408
Delta R.T. -0.026 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion: 43 Resp: 23499
Ion Ratio Lower Upper
43 100
58 34.9 27.5 41.3





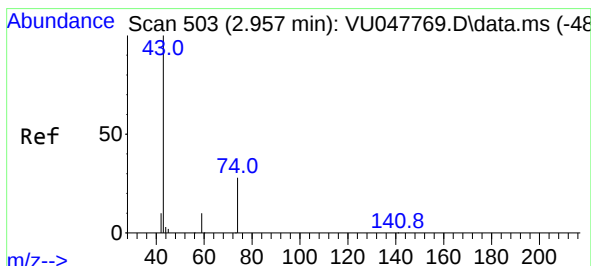
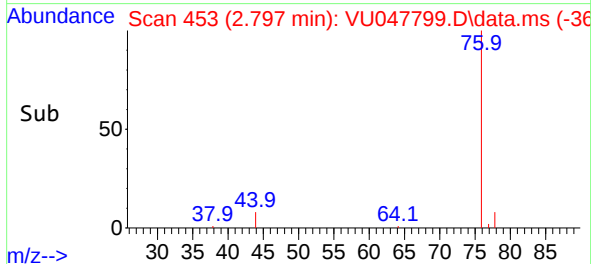
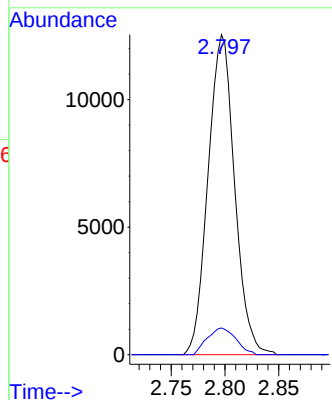
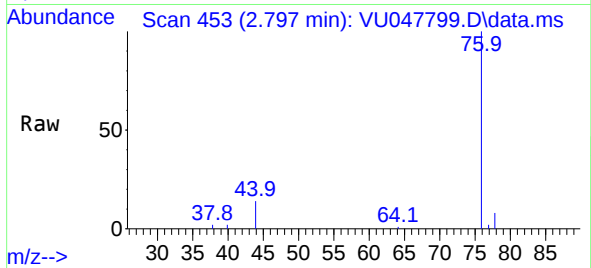
#17
Carbon Disulfide
Concen: 2.596 ug/l
RT: 2.797 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb

Tgt Ion: 76 Resp: 2155
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

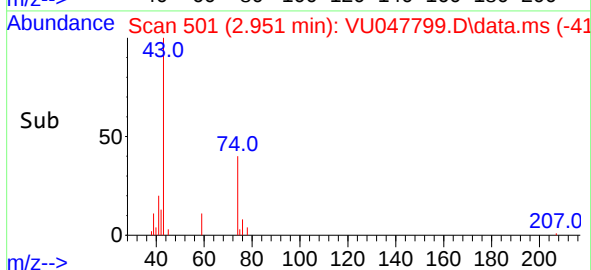
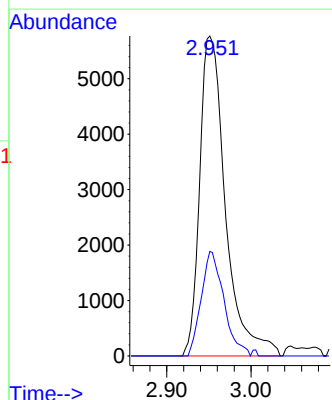
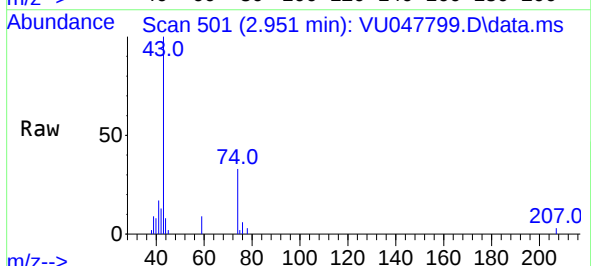
Manual Integrations
APPROVED

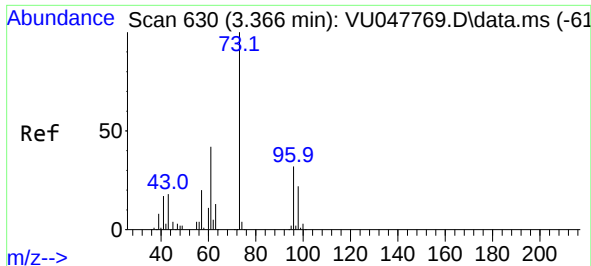
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#18
Methyl Acetate
Concen: 2.848 ug/l
RT: 2.951 min Scan# 501
Delta R.T. -0.006 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion: 43 Resp: 12280
Ion Ratio Lower Upper
43 100
74 28.7 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 2.527 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

MDL04 2.5ppb

Tgt Ion: 73 Resp: 2244

Ion Ratio Lower Upper

73 100

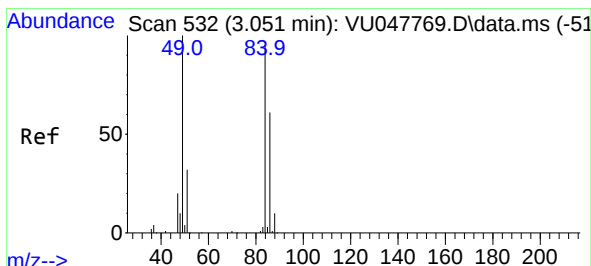
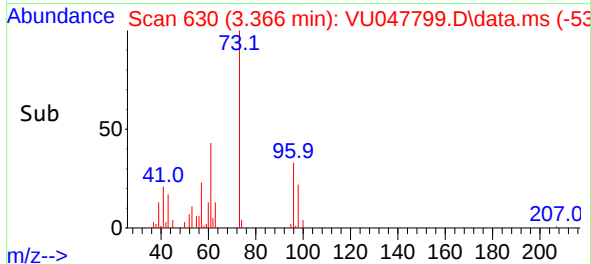
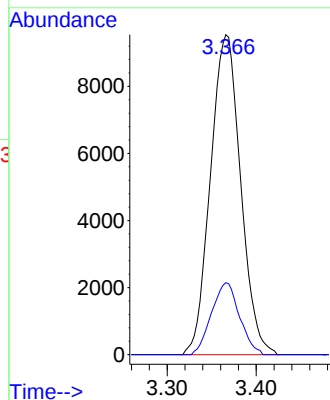
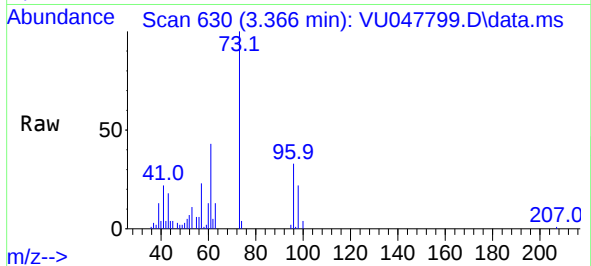
57 22.5 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#20

Methylene Chloride

Concen: 2.700 ug/l

RT: 3.051 min Scan# 532

Delta R.T. -0.000 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

Tgt Ion: 84 Resp: 9240

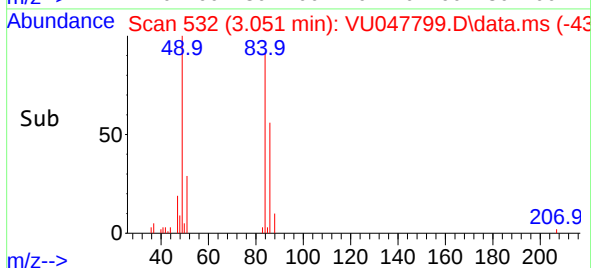
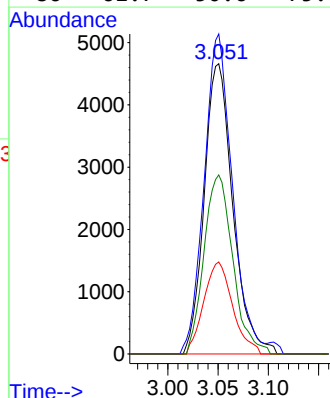
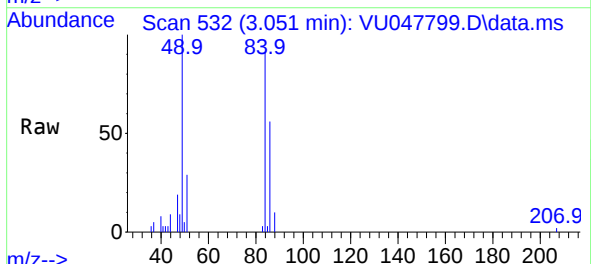
Ion Ratio Lower Upper

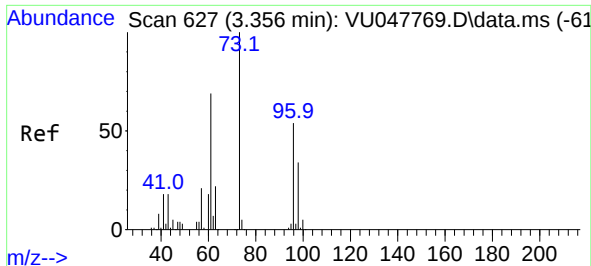
84 100

49 110.3 86.6 129.8

51 31.7 26.6 40.0

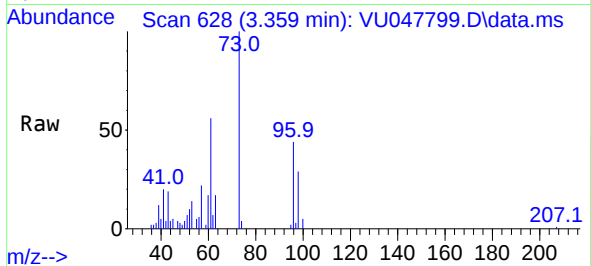
86 61.7 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 2.550 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

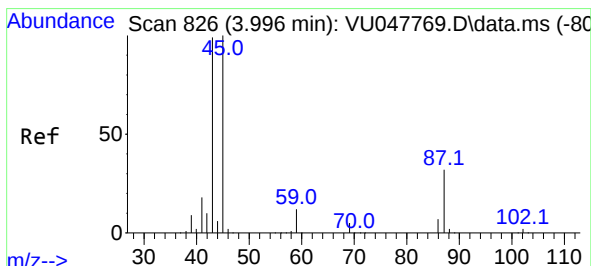
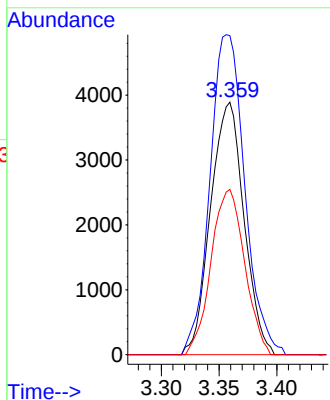
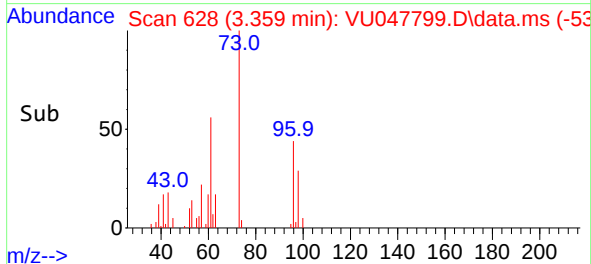
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



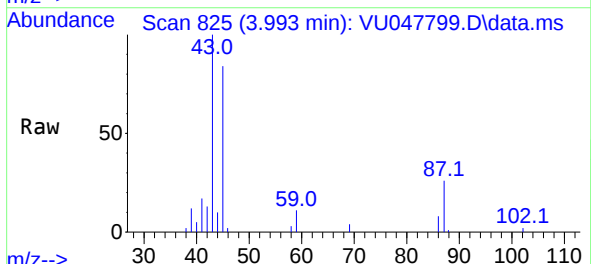
Tgt Ion: 96 Resp: 7838
Ion Ratio Lower Upper
96 100
61 126.4 106.1 159.1
98 65.5 50.8 76.2

Manual Integrations
APPROVED

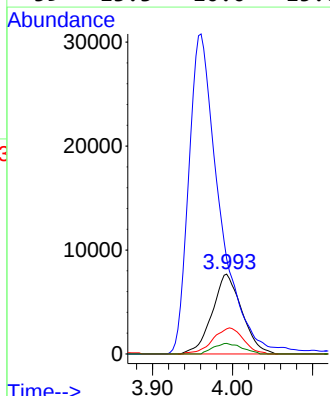
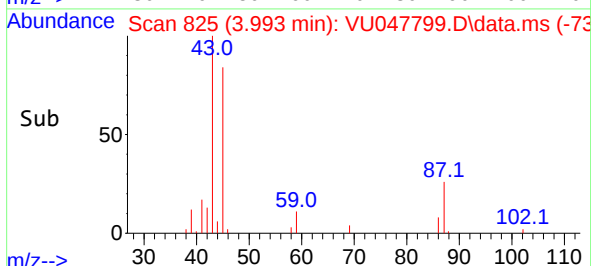
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

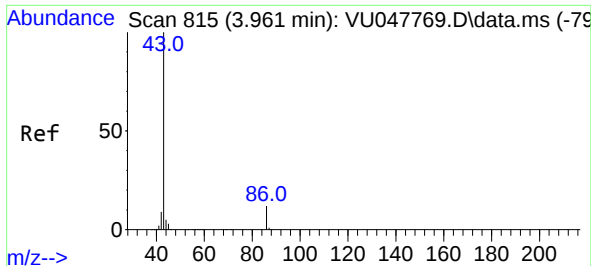


#22
Diisopropyl ether
Concen: 2.487 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



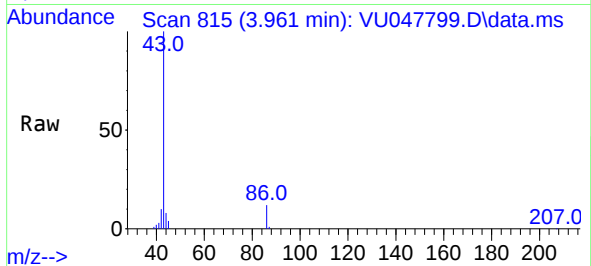
Tgt Ion: 45 Resp: 19809
Ion Ratio Lower Upper
45 100
43 110.9 92.9 139.3
87 31.4 26.2 39.2
59 13.3 10.0 15.0





#23
 Vinyl Acetate
 Concen: 11.450 ug/l m
 RT: 3.961 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: VU047799.D
 Acq: 02 Apr 2022 14:32

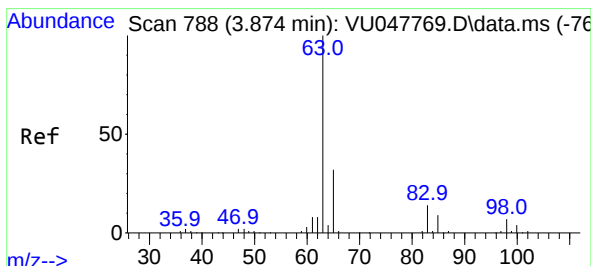
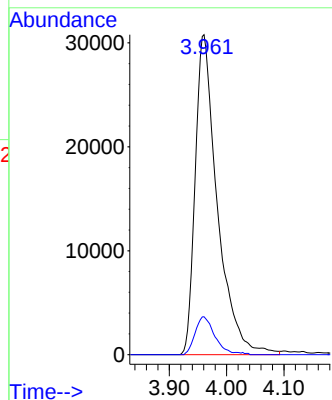
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 2.5ppb



Tgt Ion: 43 Resp: 82744
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.8 14.8

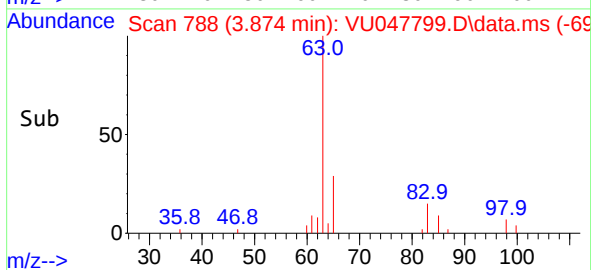
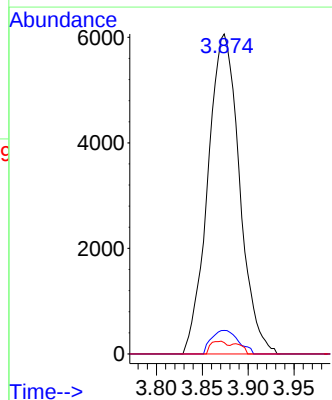
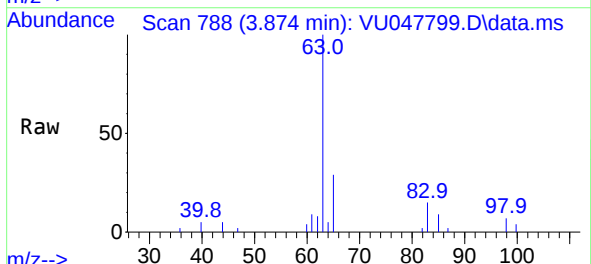
Manual Integrations
 APPROVED

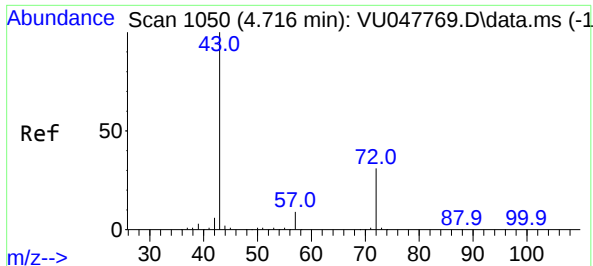
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022



#24
 1,1-Dichloroethane
 Concen: 2.782 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU047799.D
 Acq: 02 Apr 2022 14:32

Tgt Ion: 63 Resp: 14578
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 3.6 2.4 7.2





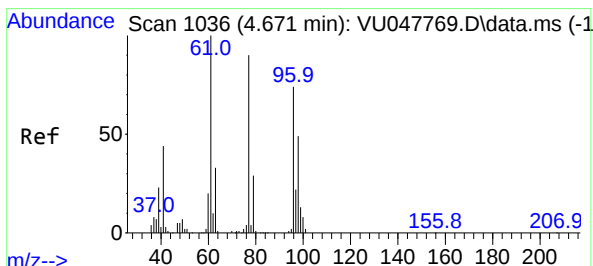
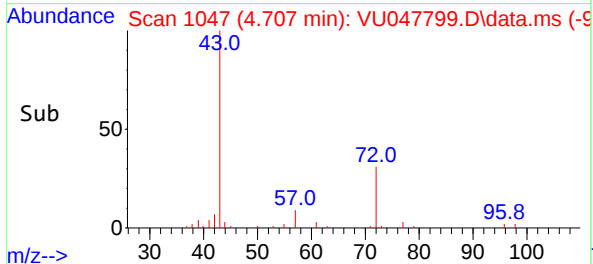
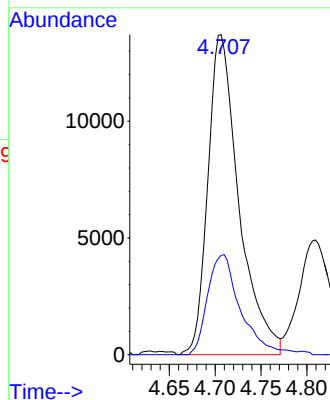
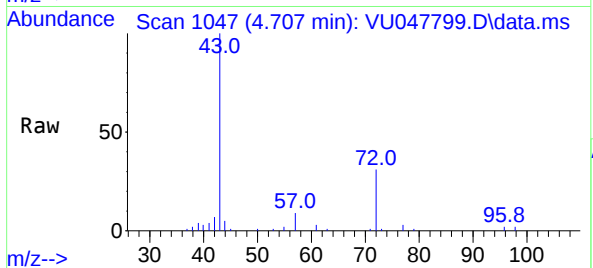
#25
2-Butanone
Concen: 11.118 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. -0.010 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb

Tgt Ion: 43 Resp: 3226
Ion Ratio Lower Upper
43 100
72 31.0 23.8 35.6

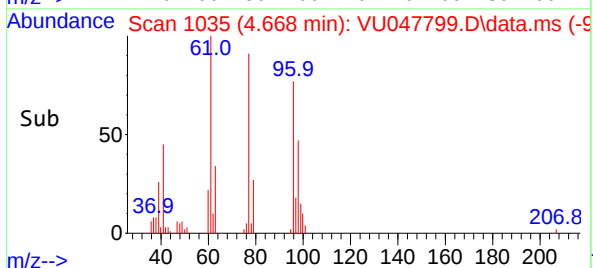
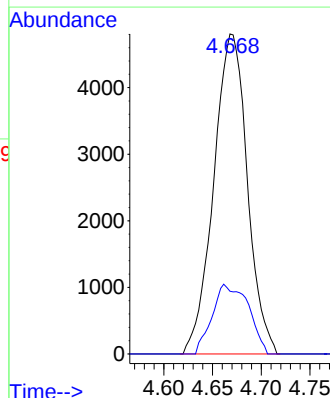
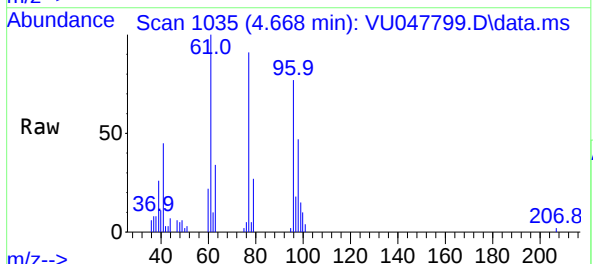
Manual Integrations
APPROVED

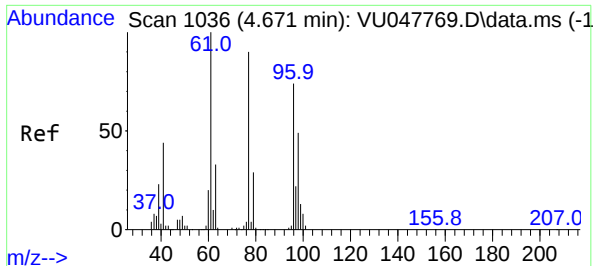
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#26
2,2-Dichloropropane
Concen: 2.485 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

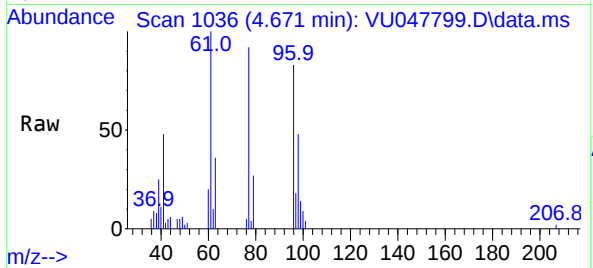
Tgt Ion: 77 Resp: 11539
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 2.605 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047799.D
 Acq: 02 Apr 2022 14:32

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 2.5ppb

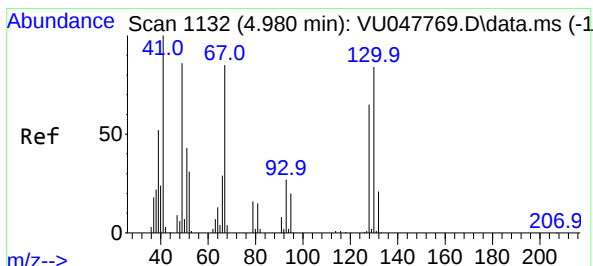
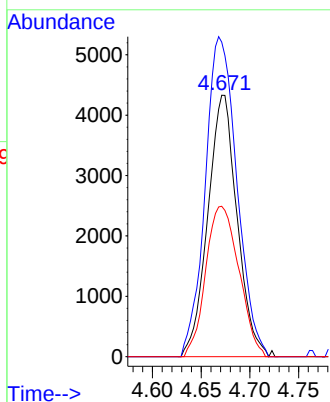
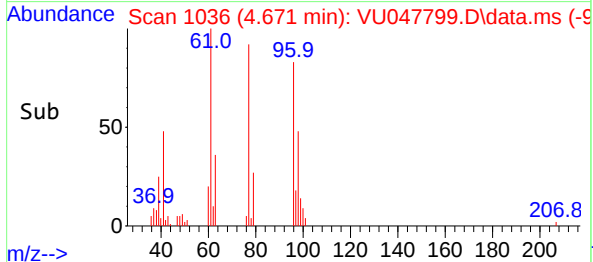


Tgt Ion: 96 Resp: 908

Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	271.6
98	64.9	0.0	128.2

Manual Integrations
 APPROVED

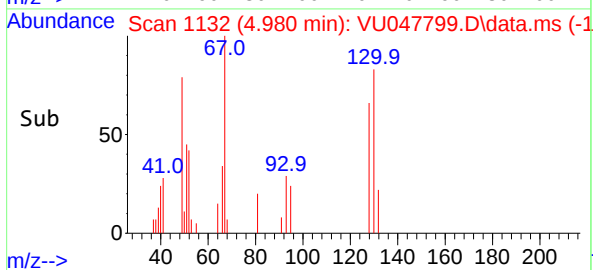
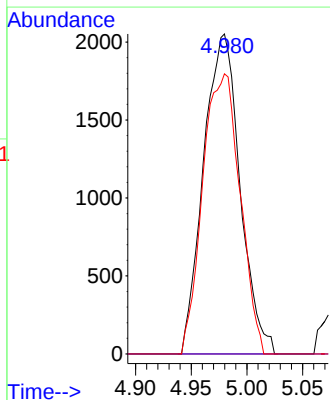
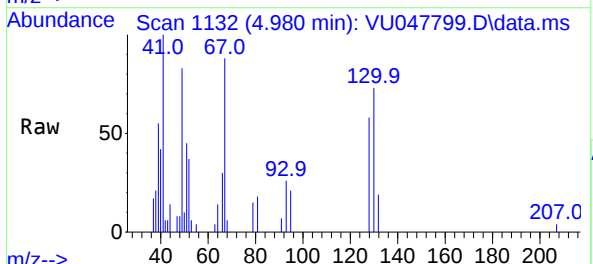
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

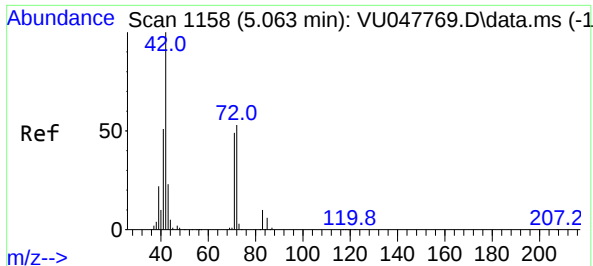


#28
 Bromochloromethane
 Concen: 2.492 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047799.D
 Acq: 02 Apr 2022 14:32

Tgt Ion: 49 Resp: 4671

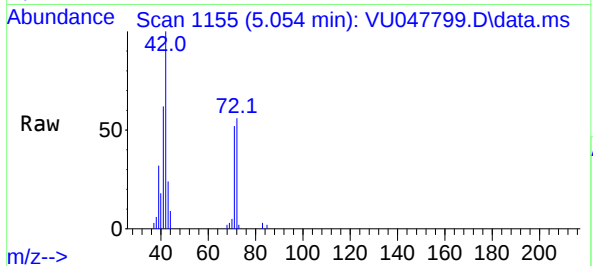
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	89.7	76.9	115.3





#29
Tetrahydrofuran
Concen: 11.392 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.010 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

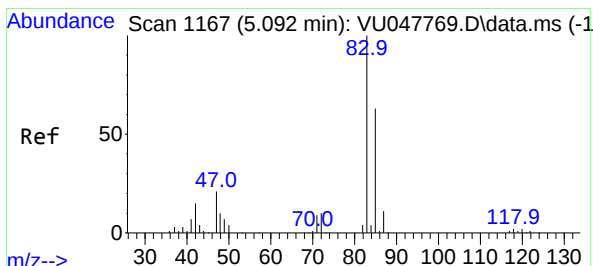
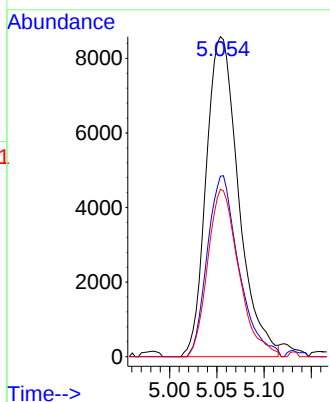
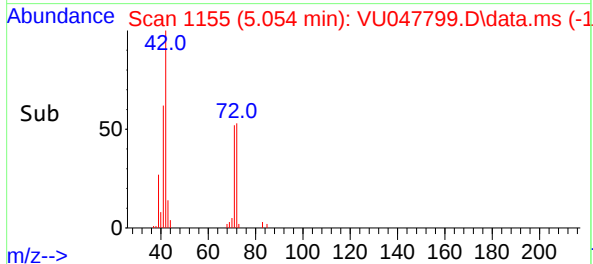
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



Tgt Ion: 42 Resp: 20460
Ion Ratio Lower Upper
42 100
72 54.8 42.6 63.8
71 50.1 40.3 60.5

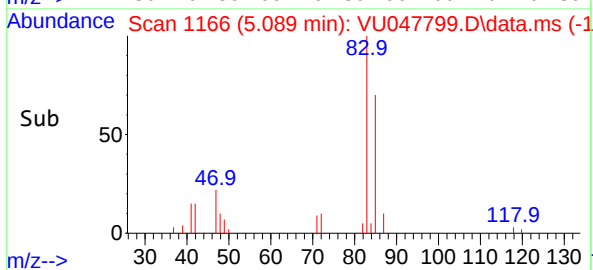
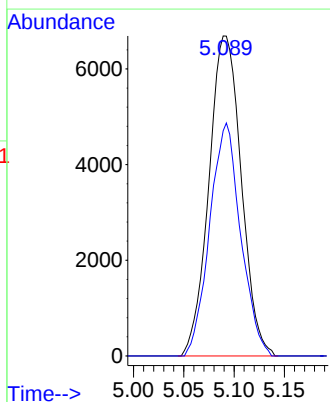
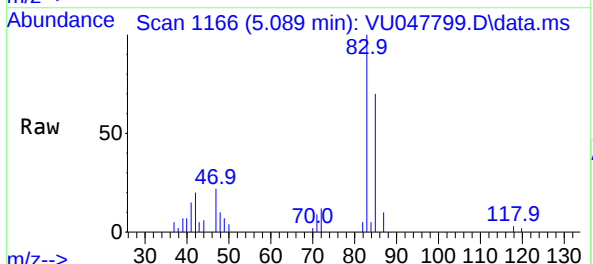
Manual Integrations
APPROVED

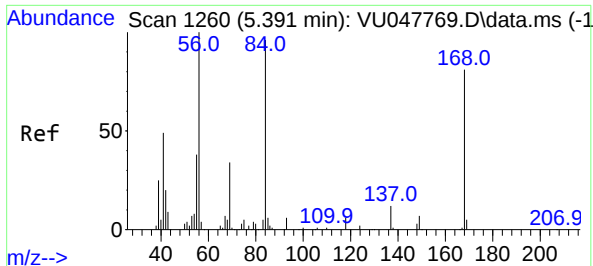
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#30
Chloroform
Concen: 2.654 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

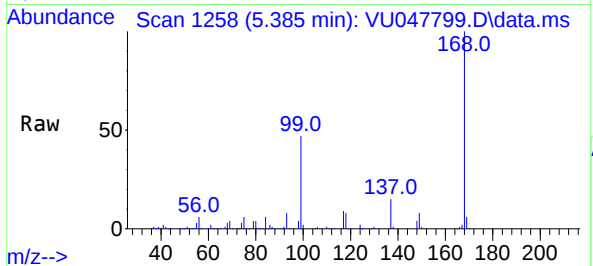
Tgt Ion: 83 Resp: 14980
Ion Ratio Lower Upper
83 100
85 70.3 51.2 76.8





#31
Cyclohexane
Concen: 3.417 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

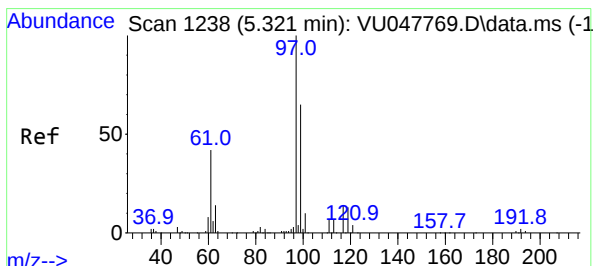
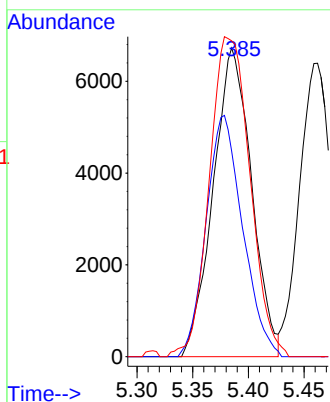
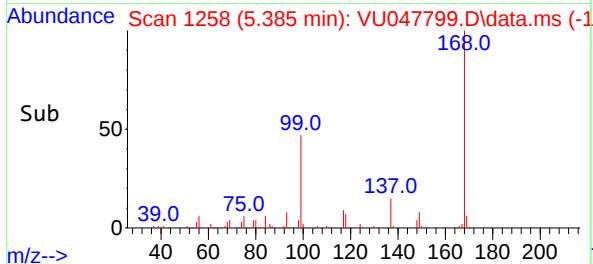
Instrument : MSVOA_U
ClientSampleId : MDL04 2.5ppb



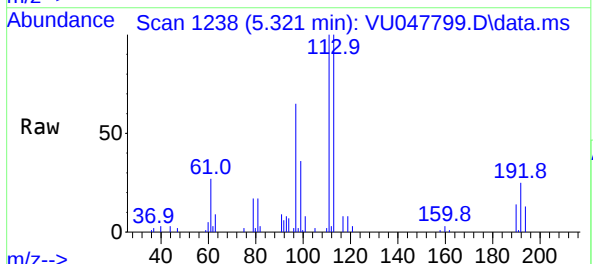
Tgt Ion: 56 Resp: 1610
Ion Ratio Lower Upper
56 100
69 66.6 27.8 41.8
84 99.7 74.2 111.4

Manual Integrations
APPROVED

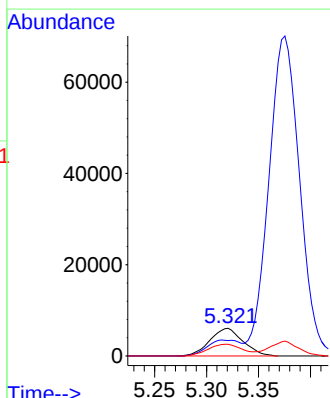
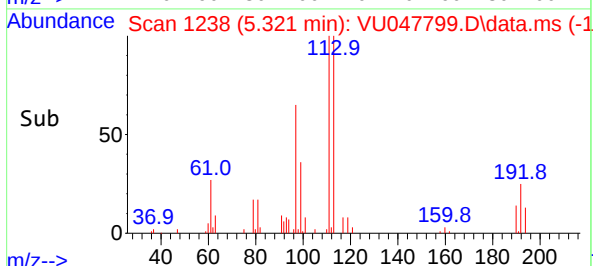
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

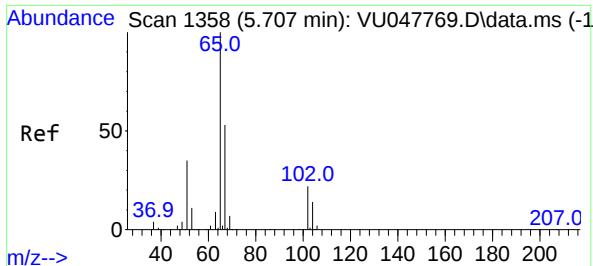


#32
1,1,1-Trichloroethane
Concen: 2.748 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



Tgt Ion: 97 Resp: 13380
Ion Ratio Lower Upper
97 100
99 56.0 51.8 77.6
61 44.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.664 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

MDL04 2.5ppb

Tgt Ion: 65 Resp: 17277

Ion Ratio Lower Upper

65 100

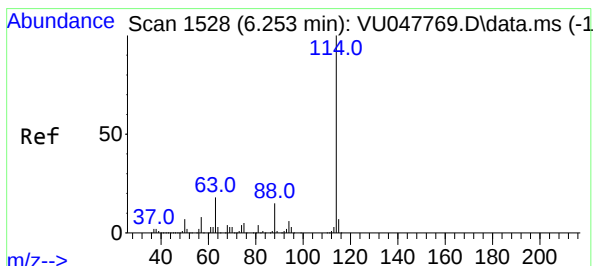
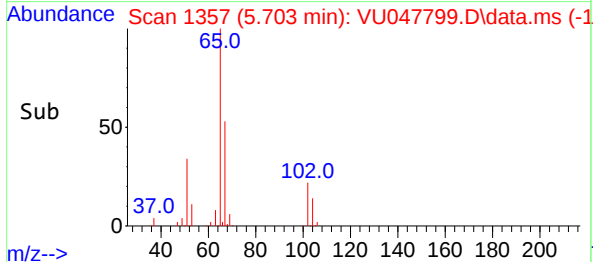
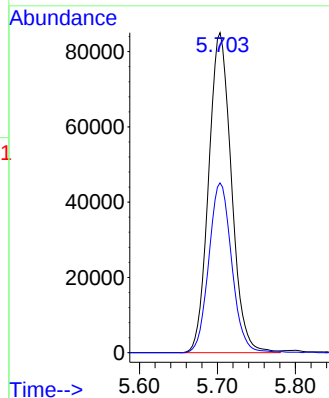
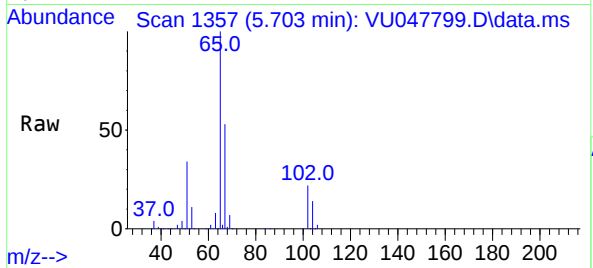
67 53.2 0.0 108.0

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: VU047799.D

Acq: 02 Apr 2022 14:32

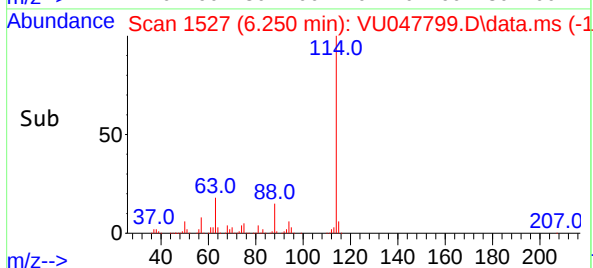
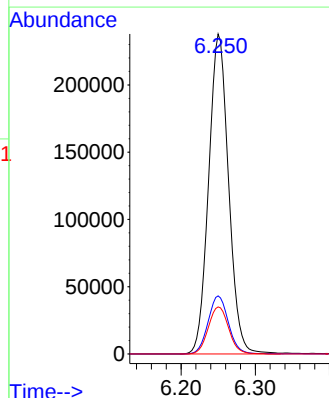
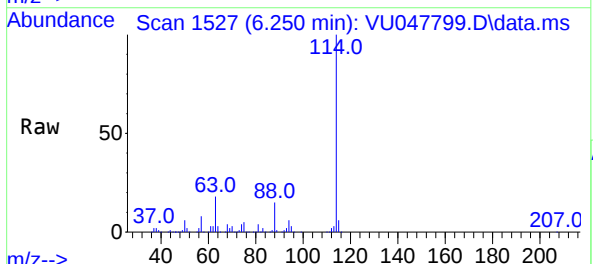
Tgt Ion:114 Resp: 443389

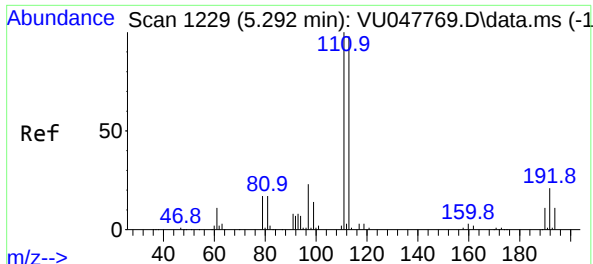
Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

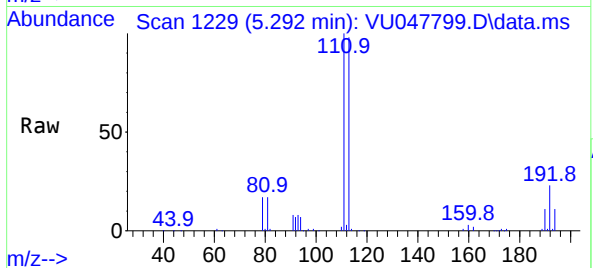
88 14.7 0.0 29.2





#35
Dibromofluoromethane
Concen: 52.352 ug/l
RT: 5.292 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

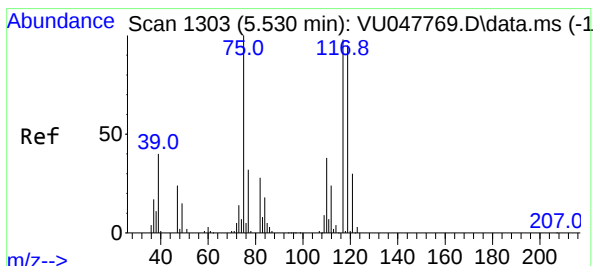
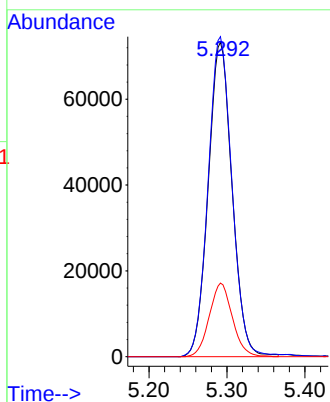
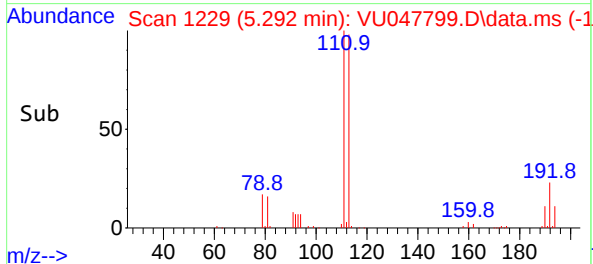
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



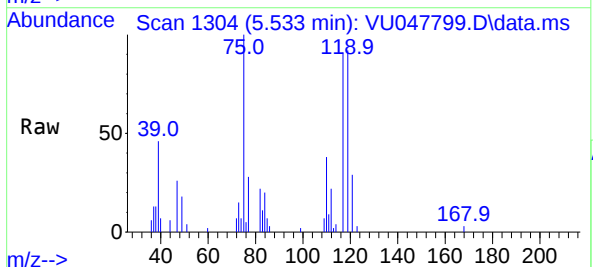
Tgt Ion: 113 Resp: 155669
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 22.7 18.0 27.0

Manual Integrations
APPROVED

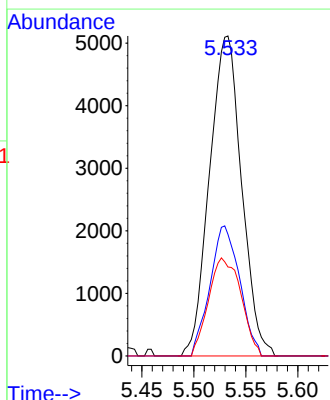
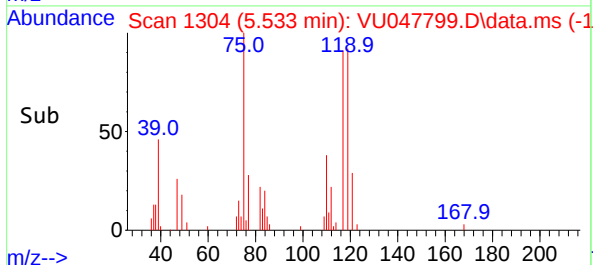
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

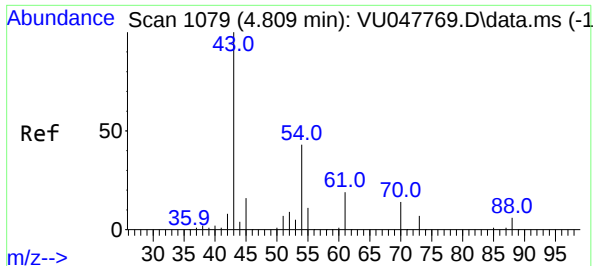


#36
1,1-Dichloropropene
Concen: 2.617 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



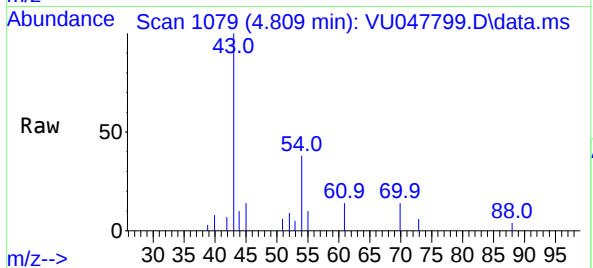
Tgt Ion: 75 Resp: 10985
Ion Ratio Lower Upper
75 100
110 37.6 18.4 55.2
77 30.9 25.1 37.7





#37
Ethyl Acetate
Concen: 2.154 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

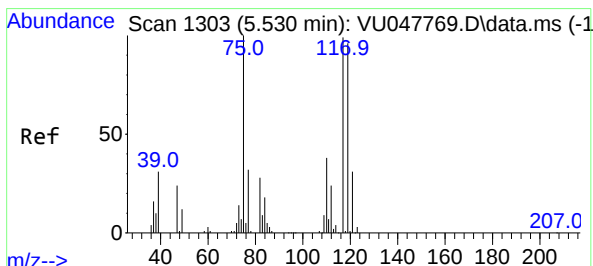
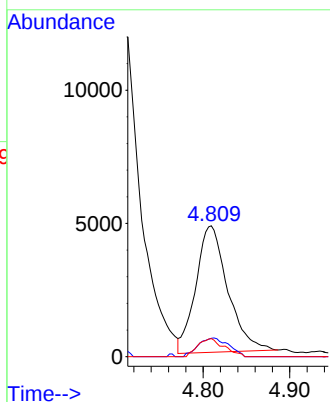
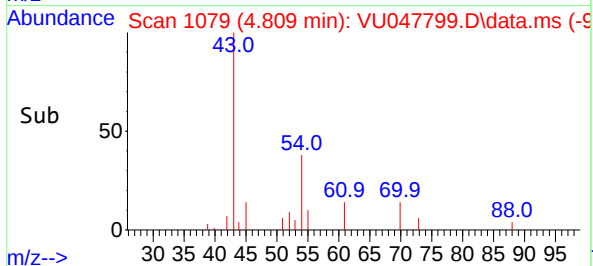
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



Tgt Ion: 43 Resp: 12174
Ion Ratio Lower Upper
43 100
61 14.1 9.5 14.3
70 11.8 7.5 11.3

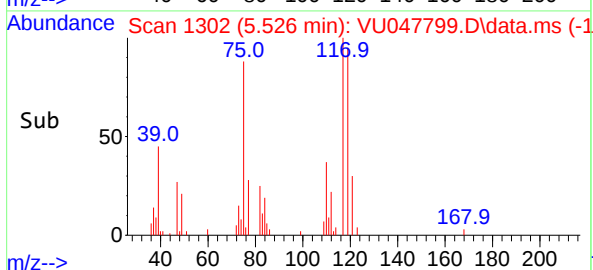
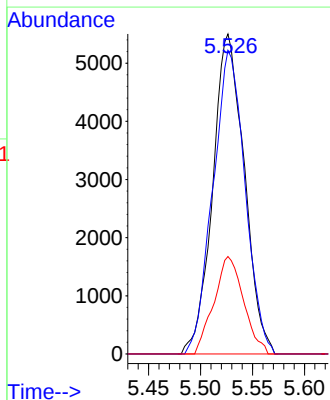
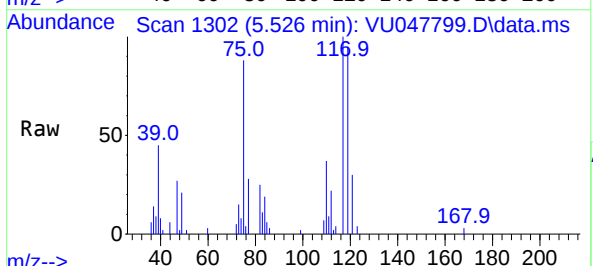
Manual Integrations
APPROVED

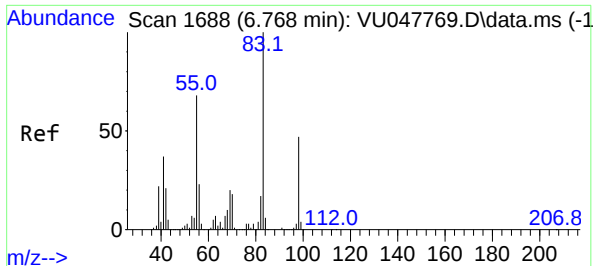
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#38
Carbon Tetrachloride
Concen: 2.599 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion:117 Resp: 11638
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2
121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 2.303 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

MDL04 2.5ppb

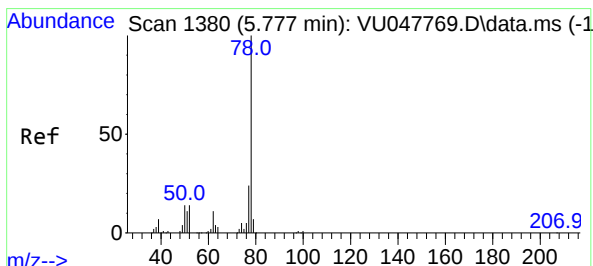
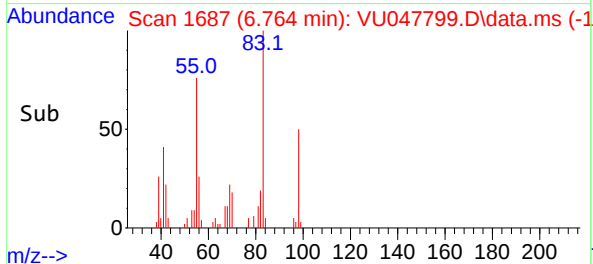
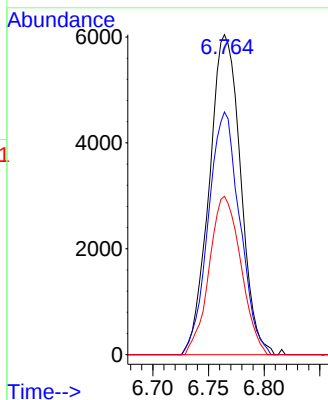
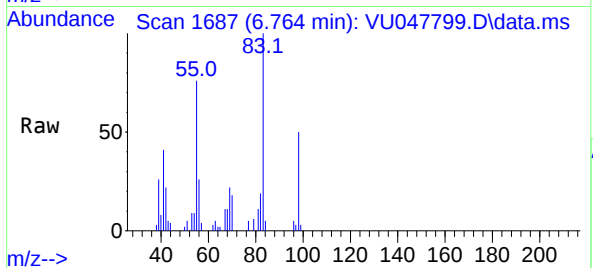
Tgt Ion: 83	Resp: 11820
Ion Ratio	Lower Upper
83 100	
55 75.8	55.3 82.9
98 49.5	37.3 55.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#40

Benzene

Concen: 2.619 ug/l

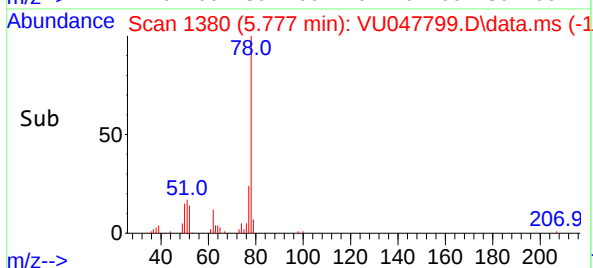
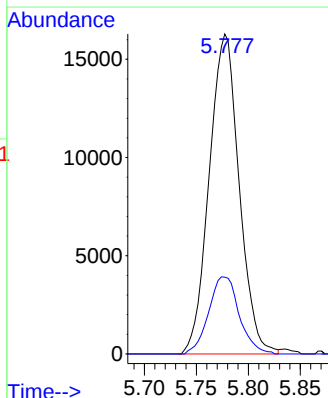
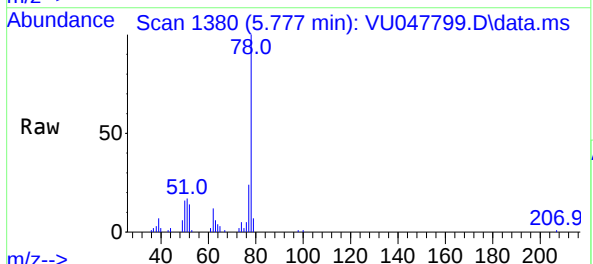
RT: 5.777 min Scan# 1380

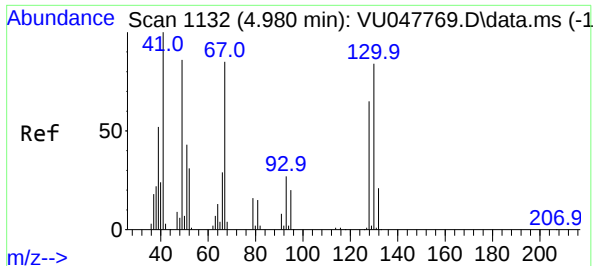
Delta R.T. -0.000 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

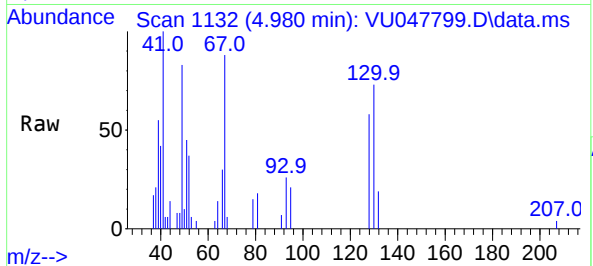
Tgt Ion: 78	Resp: 32679
Ion Ratio	Lower Upper
78 100	
77 24.0	18.8 28.2





#41
Methacrylonitrile
Concen: 2.298 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument : MSVOA_U
ClientSampleId : MDL04 2.5ppb

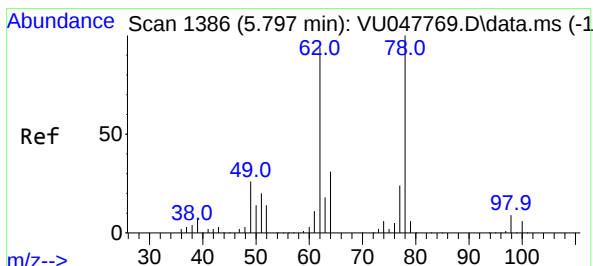
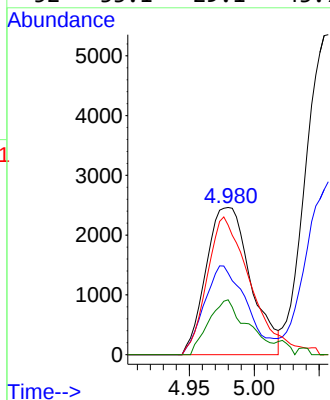
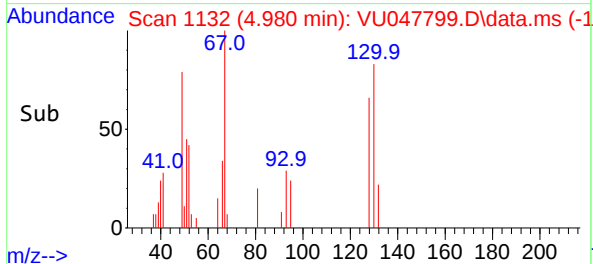


Tgt Ion: 41 Resp: 586

Ion	Ratio	Lower	Upper
41	100		
39	57.4	43.1	64.7
67	92.2	72.3	108.5
52	33.1	29.1	43.7

Manual Integrations
APPROVED

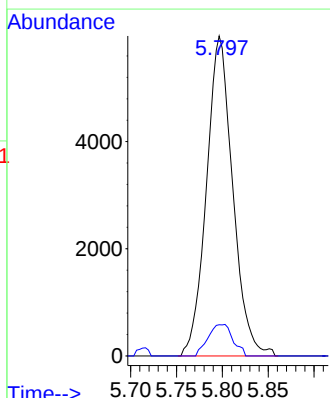
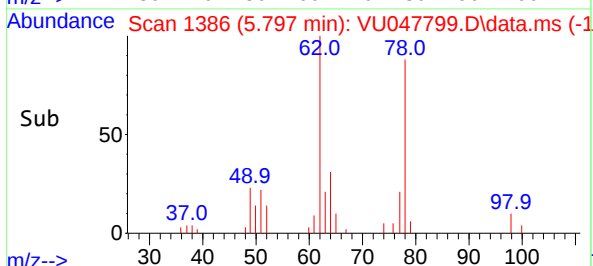
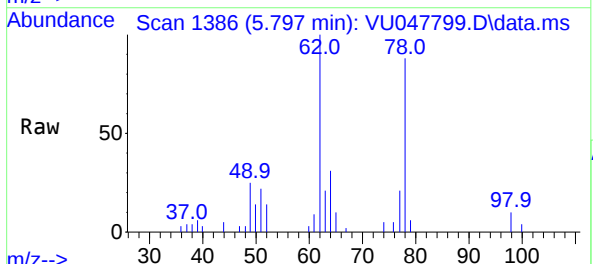
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

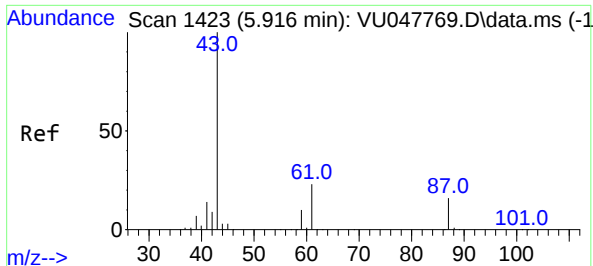


#42
1,2-Dichloroethane
Concen: 2.741 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion: 62 Resp: 11908

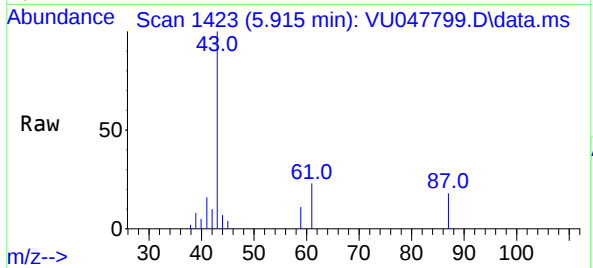
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43
Isopropyl Acetate
Concen: 2.436 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

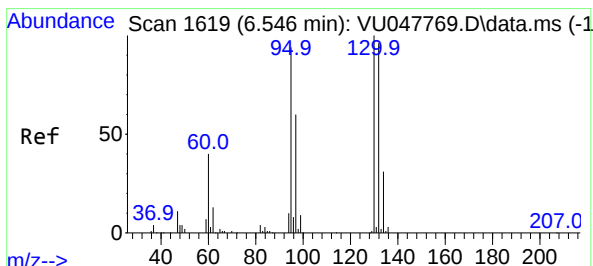
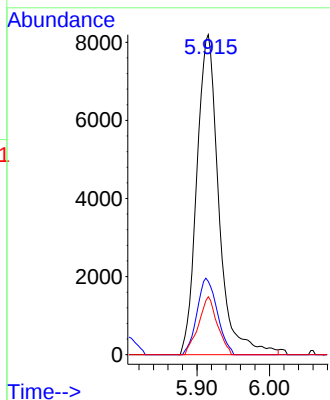
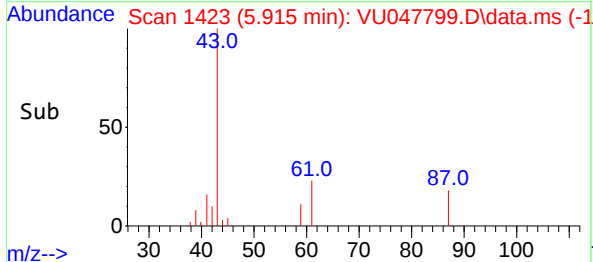
Instrument : MSVOA_U
ClientSampleId : MDL04 2.5ppb



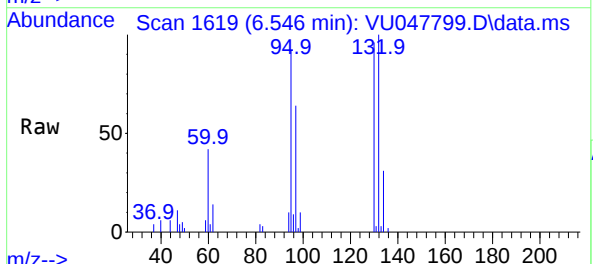
Tgt Ion: 43 Resp: 17278
Ion Ratio Lower Upper
43 100
61 22.0 17.4 26.0
87 15.4 12.6 18.8

Manual Integrations
APPROVED

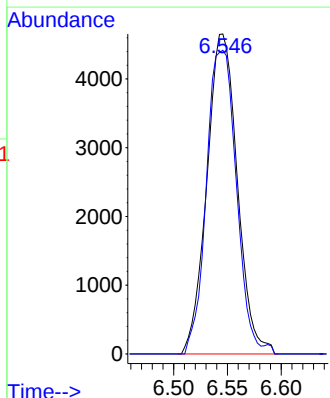
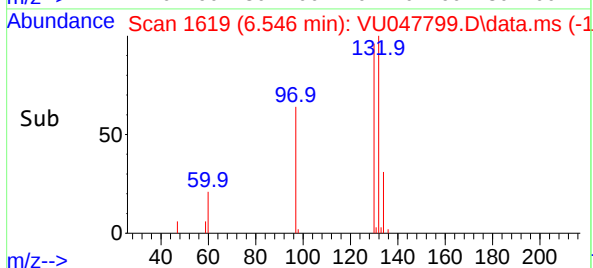
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

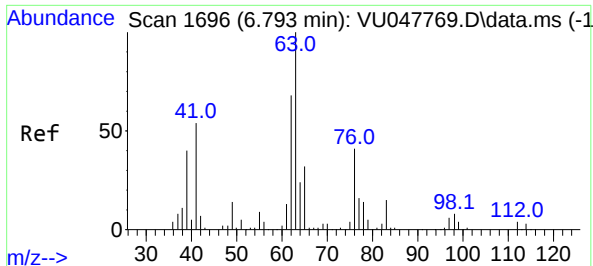


#44
Trichloroethene
Concen: 2.534 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



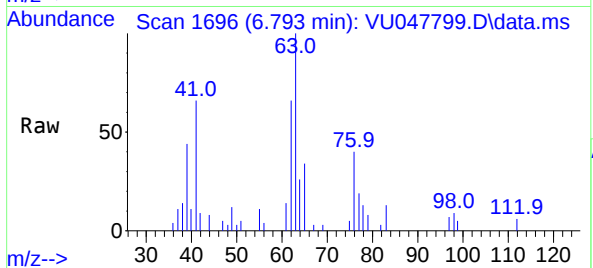
Tgt Ion:130 Resp: 9165
Ion Ratio Lower Upper
130 100
95 94.9 0.0 184.6





#45
1,2-Dichloropropane
Concen: 2.466 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

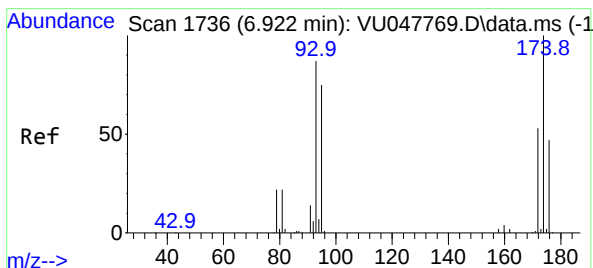
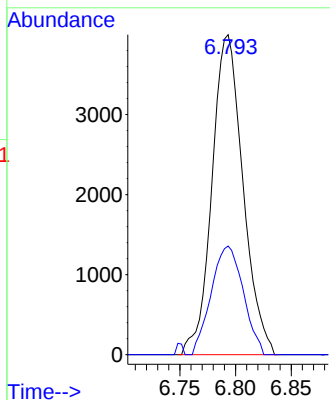
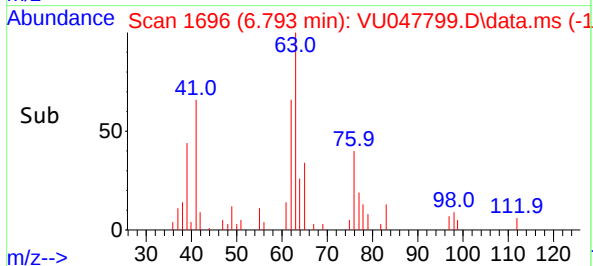
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



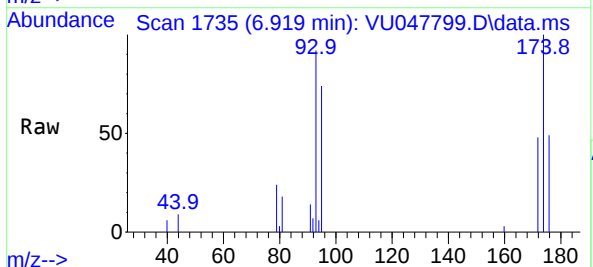
Tgt Ion: 63 Resp: 7748
Ion Ratio Lower Upper
63 100
65 33.9 25.0 37.4

Manual Integrations
APPROVED

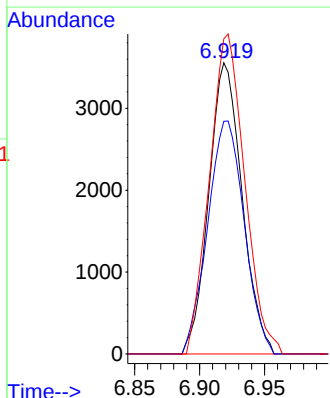
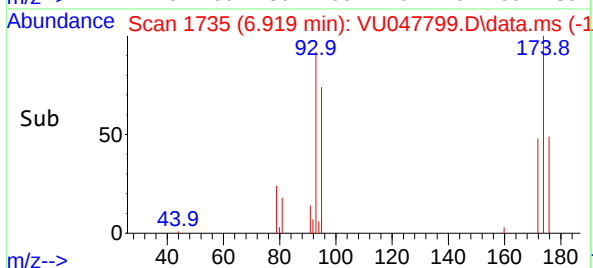
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

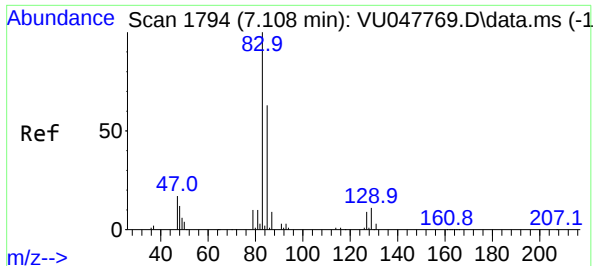


#46
Dibromomethane
Concen: 2.551 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



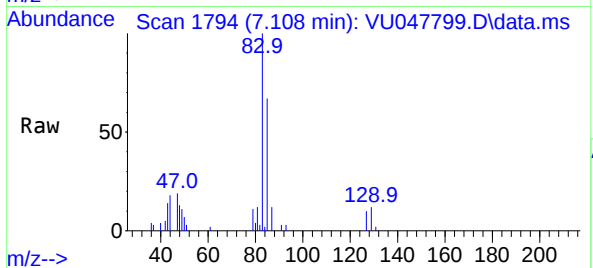
Tgt Ion: 93 Resp: 6328
Ion Ratio Lower Upper
93 100
95 87.8 66.3 99.5
174 116.4 88.2 132.4





#47
Bromodichloromethane
Concen: 2.648 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

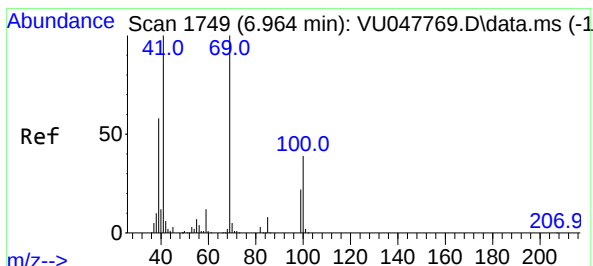
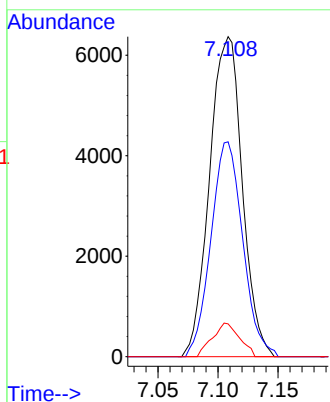
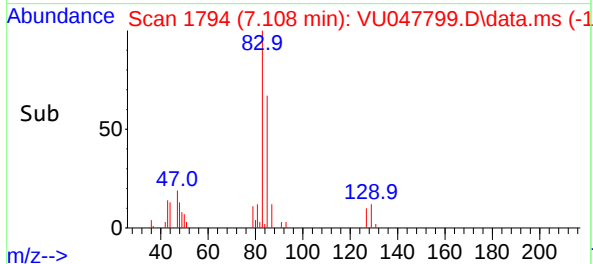
Instrument : MSVOA_U
ClientSampleId : MDL04 2.5ppb



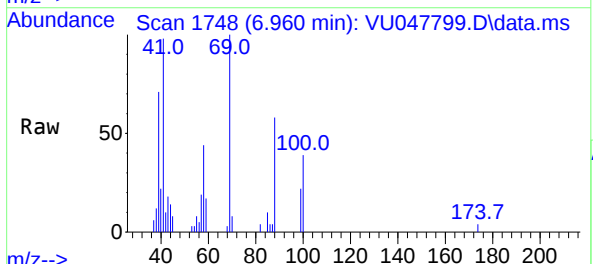
Tgt Ion: 83 Resp: 1209
Ion Ratio Lower Upper
83 100
85 67.2 51.4 77.2
127 10.3 7.1 10.7

Manual Integrations
APPROVED

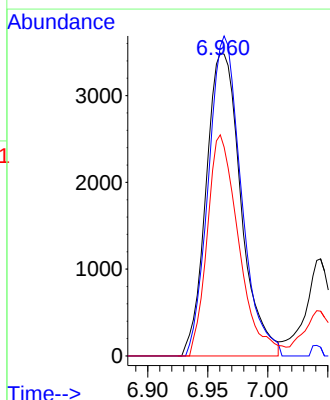
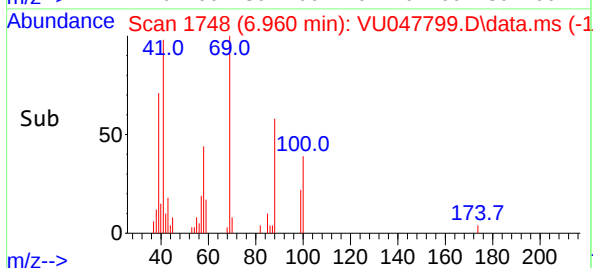
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

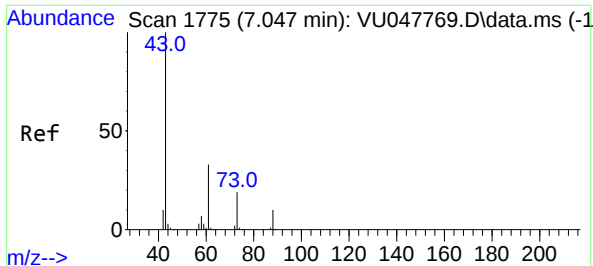


#48
Methyl methacrylate
Concen: 2.169 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



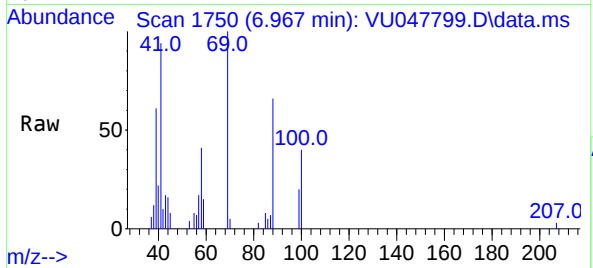
Tgt Ion: 41 Resp: 7046
Ion Ratio Lower Upper
41 100
69 99.0 79.8 119.6
39 66.2 47.9 71.9





#49
1,4-Dioxane
Concen: 47.369 ug/l
RT: 6.967 min Scan# 1775
Delta R.T. -0.080 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

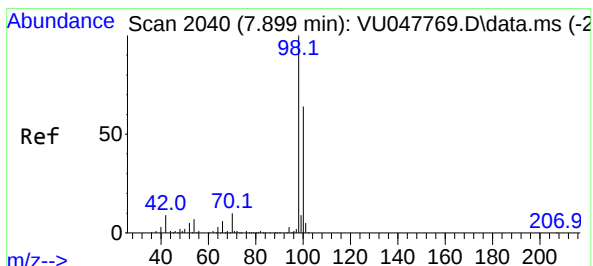
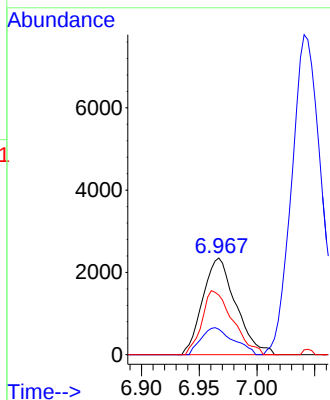
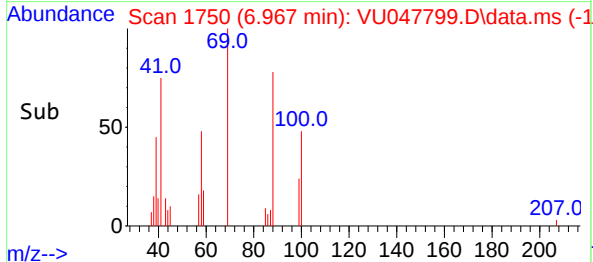
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



Tgt Ion: 88 Resp: 4700
Ion Ratio Lower Upper
88 100
43 27.1 0.0 0.0
58 61.2 15.4 23.0

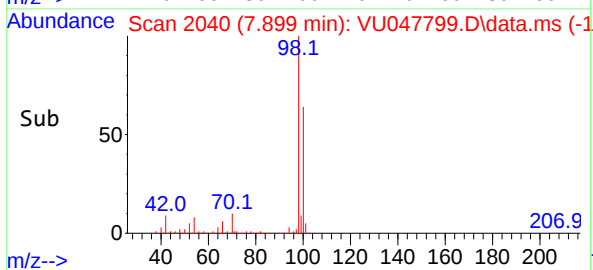
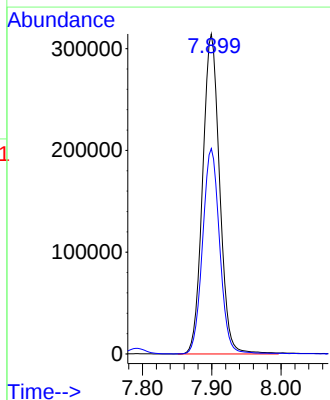
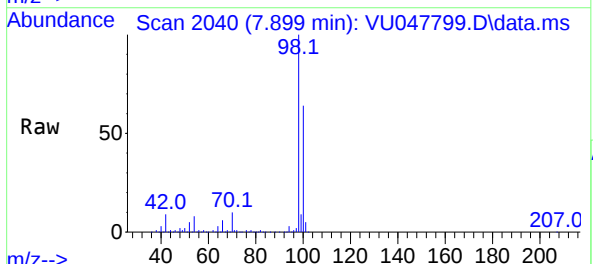
Manual Integrations
APPROVED

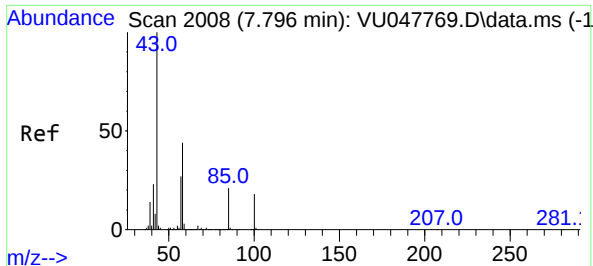
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#50
Toluene-d8
Concen: 50.040 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

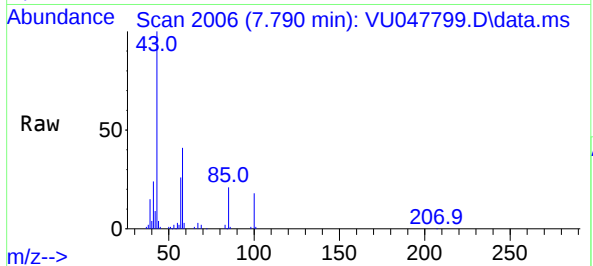
Tgt Ion: 98 Resp: 536054
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 10.716 ug/l
RT: 7.790 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

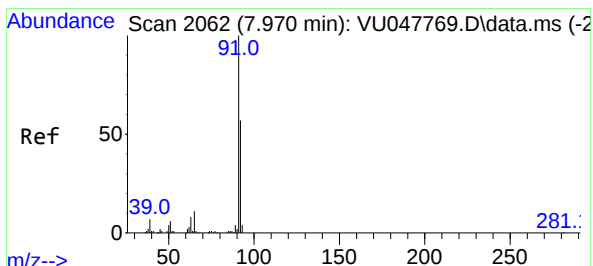
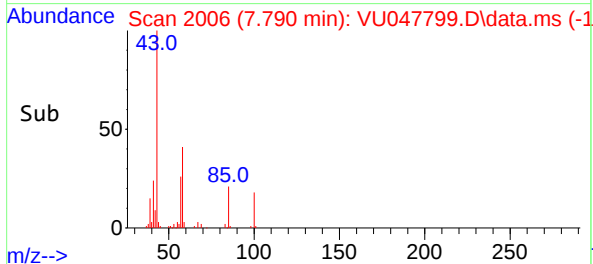
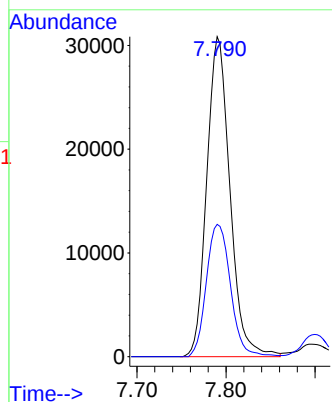
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



Tgt Ion: 43 Resp: 55650
Ion Ratio Lower Upper
43 100
58 43.1 34.7 52.1

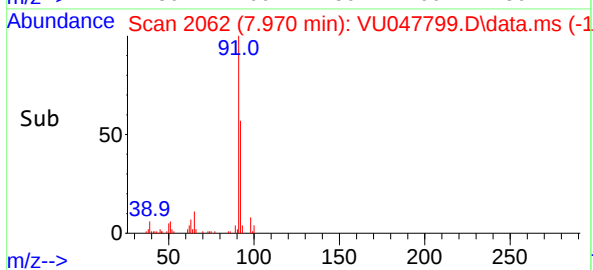
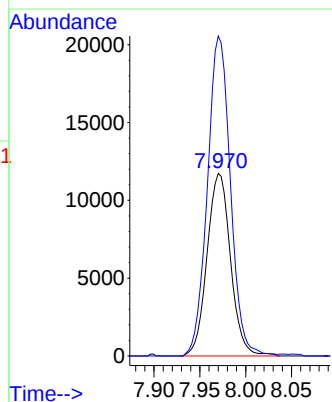
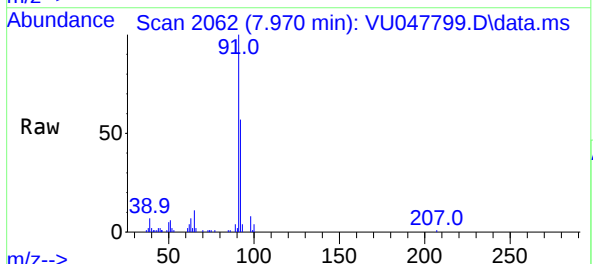
Manual Integrations
APPROVED

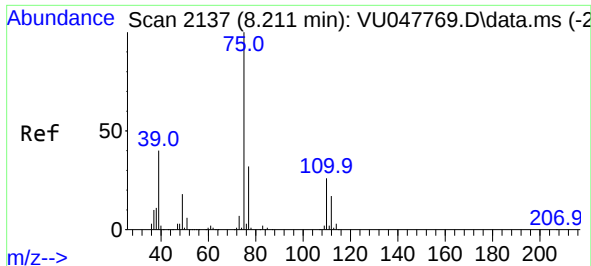
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#52
Toluene
Concen: 2.616 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

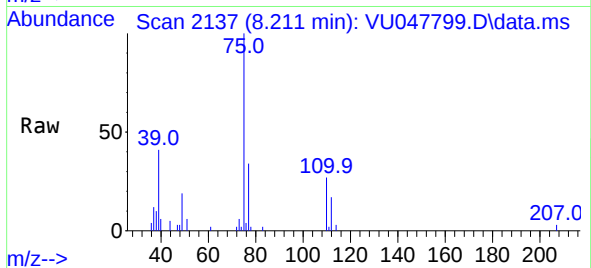
Tgt Ion: 92 Resp: 20878
Ion Ratio Lower Upper
92 100
91 172.1 138.2 207.4





#53
 t-1,3-Dichloropropene
 Concen: 2.302 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU047799.D
 Acq: 02 Apr 2022 14:32

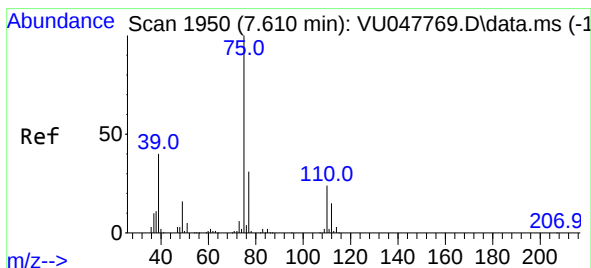
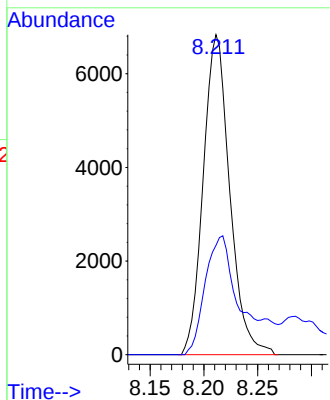
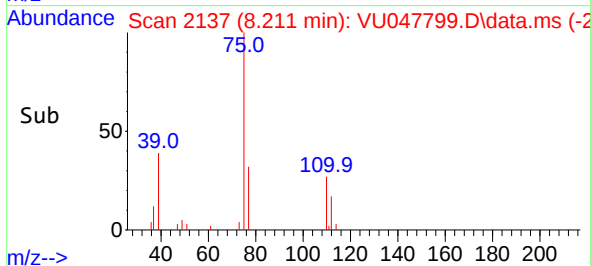
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 2.5ppb



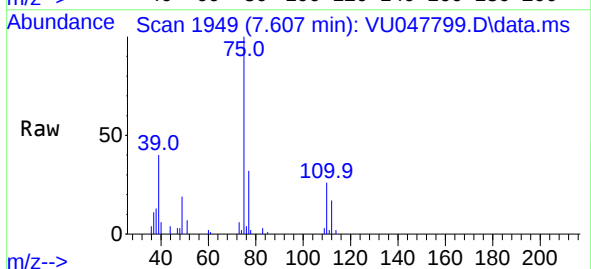
Tgt Ion: 75 Resp: 11720
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.0

Manual Integrations
 APPROVED

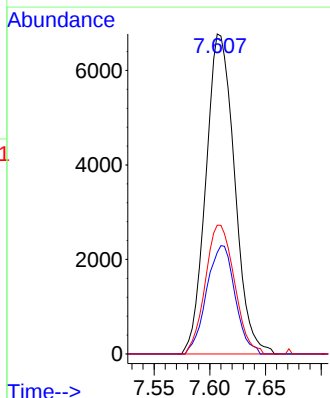
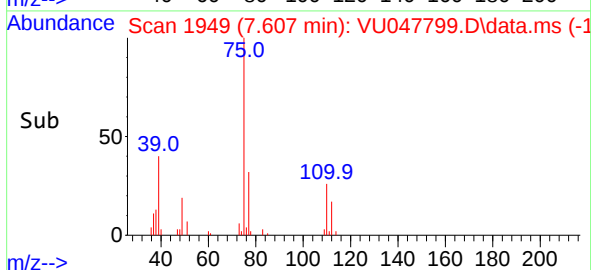
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

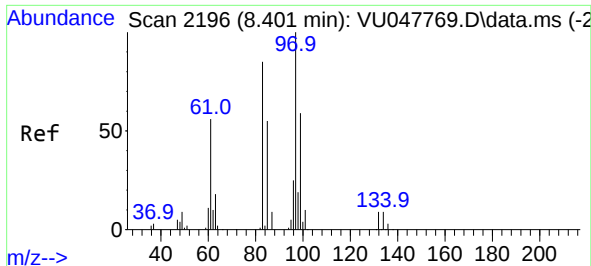


#54
 cis-1,3-Dichloropropene
 Concen: 2.321 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU047799.D
 Acq: 02 Apr 2022 14:32



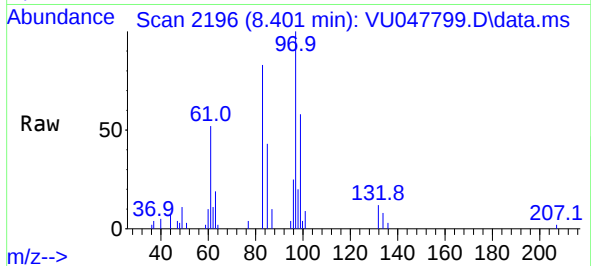
Tgt Ion: 75 Resp: 12137
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5
 39 40.2 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 2.688 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

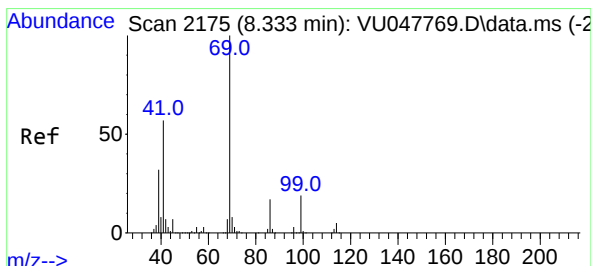
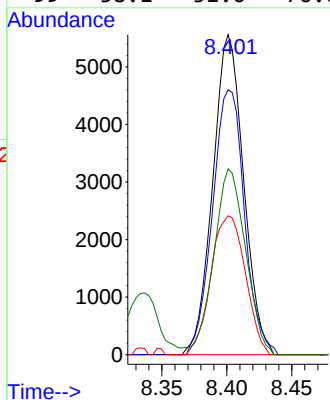
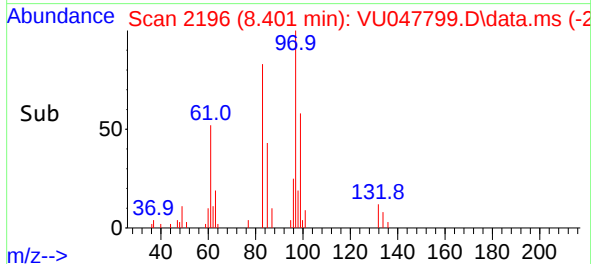
Instrument : MSVOA_U
ClientSampleId : MDL04 2.5ppb



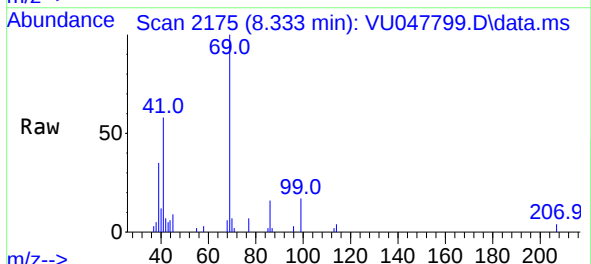
Tgt Ion: 97 Resp: 9170
Ion Ratio Lower Upper
97 100
83 82.8 70.2 105.4
85 43.4 44.6 66.8
99 58.1 51.0 76.6

Manual Integrations
APPROVED

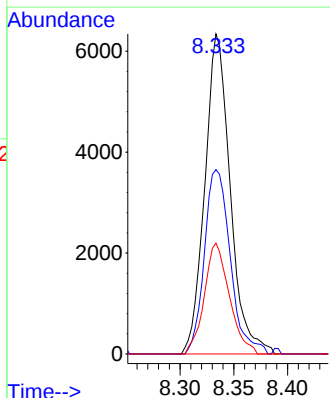
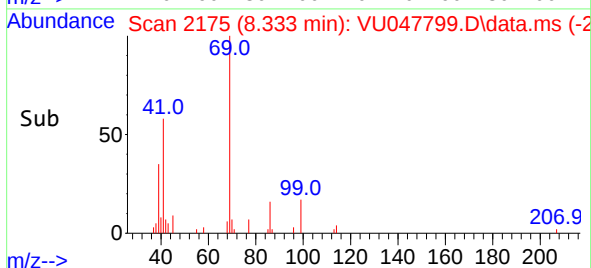
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

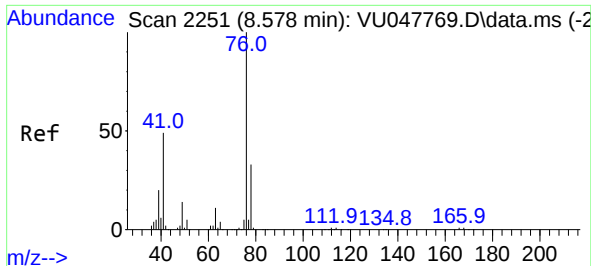


#56
Ethyl methacrylate
Concen: 2.128 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



Tgt Ion: 69 Resp: 10430
Ion Ratio Lower Upper
69 100
41 58.8 45.4 68.0
39 34.1 25.7 38.5





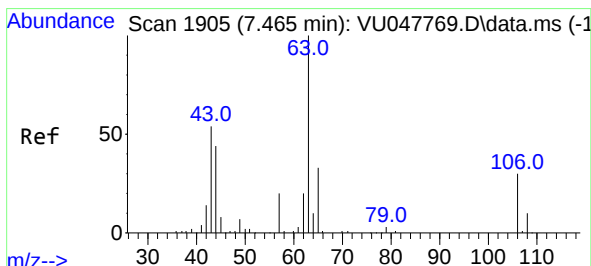
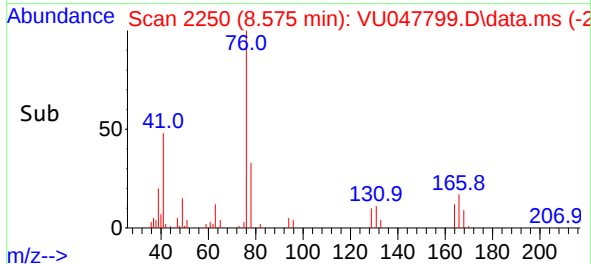
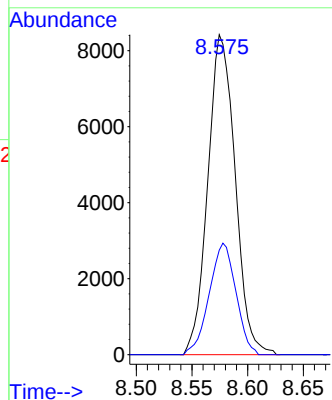
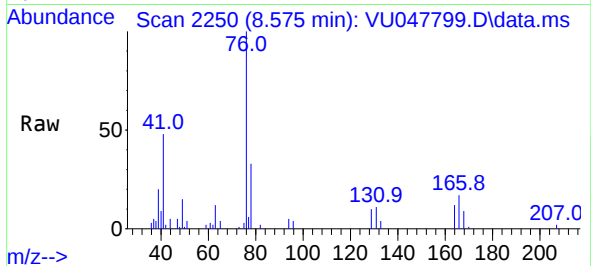
#57
1,3-Dichloropropane
Concen: 2.589 ug/l
RT: 8.575 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb

Tgt Ion: 76 Resp: 1438
Ion Ratio Lower Upper
76 100
78 34.0 26.1 39.1

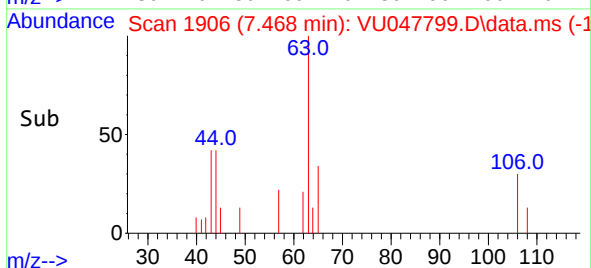
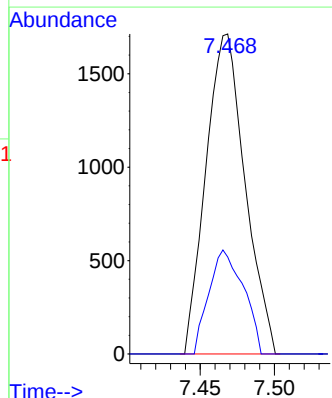
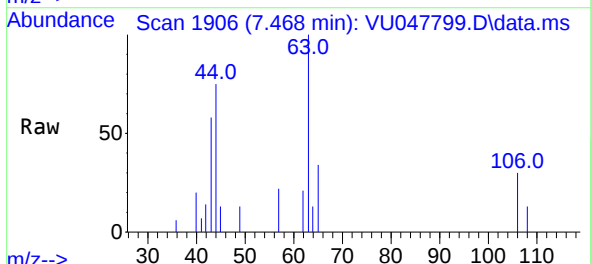
Manual Integrations
APPROVED

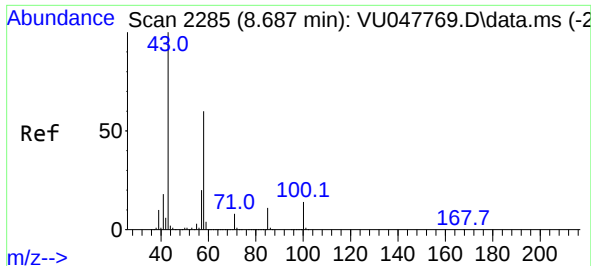
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 8.979 ug/l
RT: 7.468 min Scan# 1906
Delta R.T. 0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion: 63 Resp: 3138
Ion Ratio Lower Upper
63 100
106 28.7 23.1 34.7





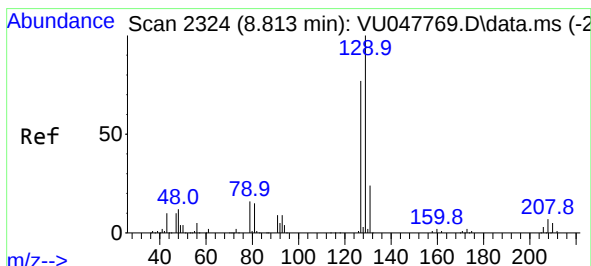
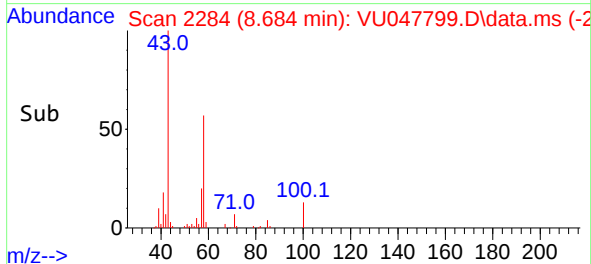
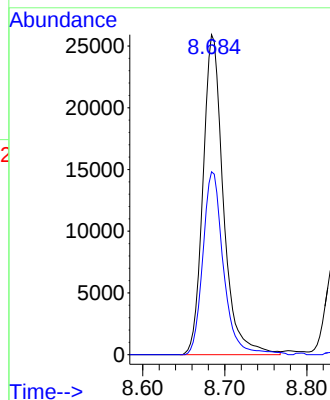
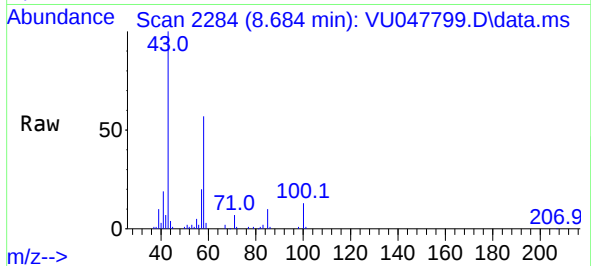
#59
2-Hexanone
Concen: 10.493 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb

Tgt Ion: 43 Resp: 4468
Ion Ratio Lower Upper
43 100
58 57.7 30.3 90.8

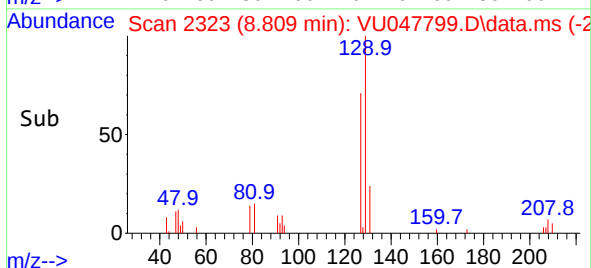
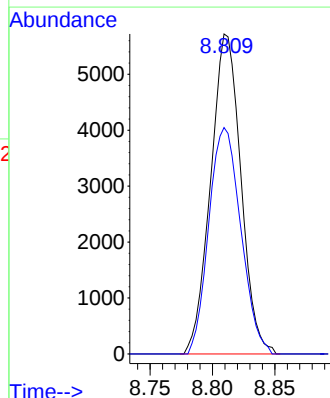
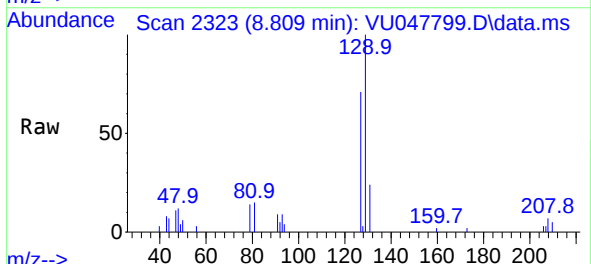
Manual Integrations
APPROVED

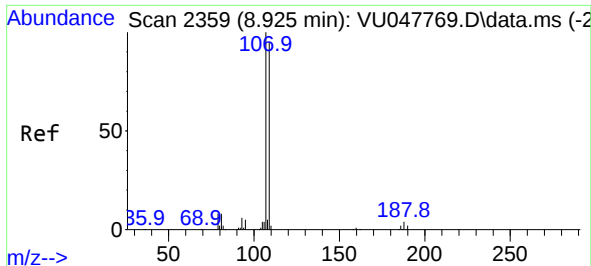
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#60
Dibromochloromethane
Concen: 2.466 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion:129 Resp: 9665
Ion Ratio Lower Upper
129 100
127 74.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 2.558 ug/l

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

MDL04 2.5ppb

Tgt Ion:107 Resp: 991

Ion Ratio Lower Upper

107 100

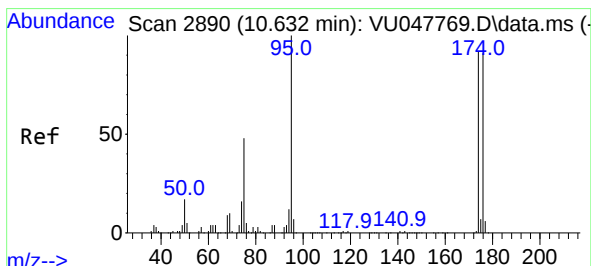
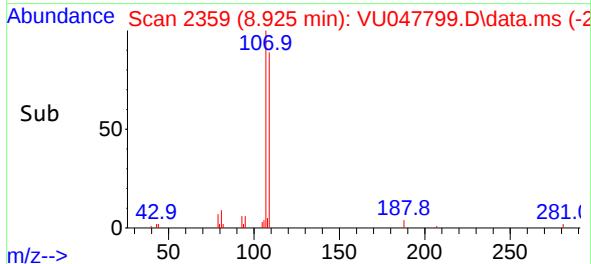
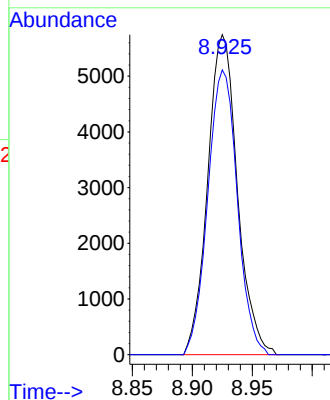
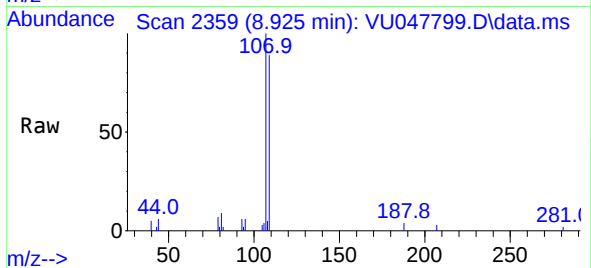
109 88.2 75.1 112.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#62

4-Bromofluorobenzene

Concen: 45.870 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

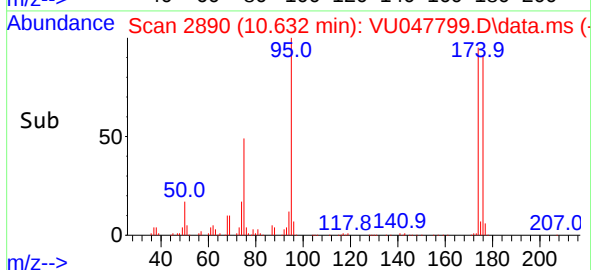
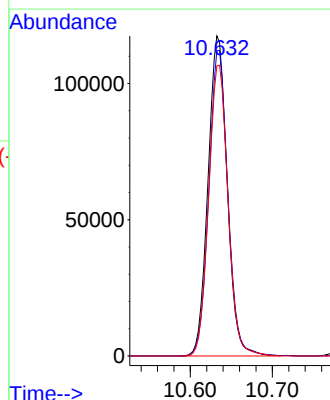
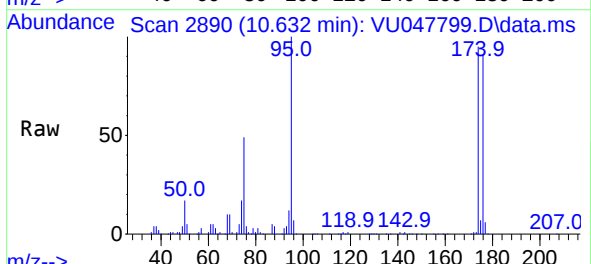
Tgt Ion: 95 Resp: 191370

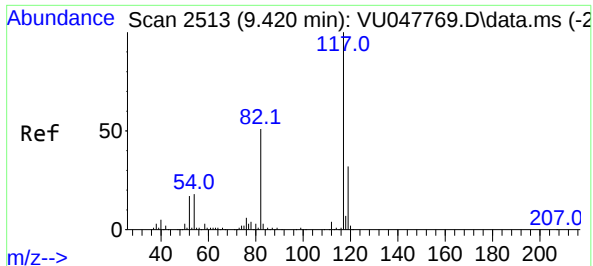
Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.0

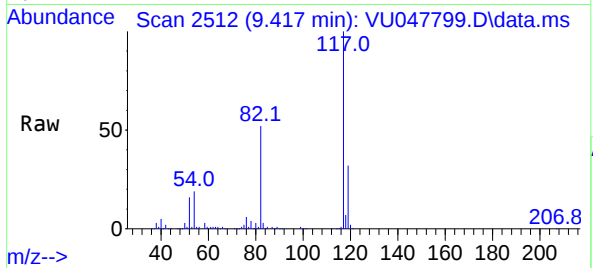
176 91.3 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

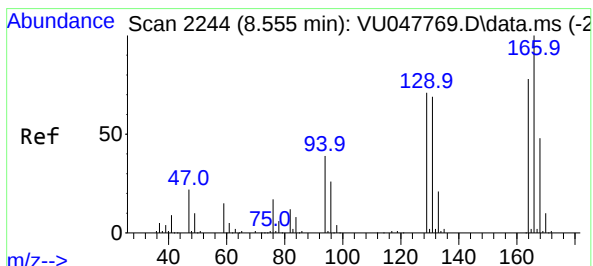
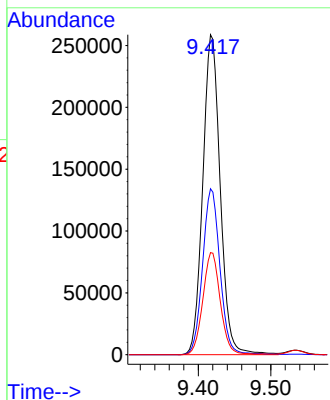
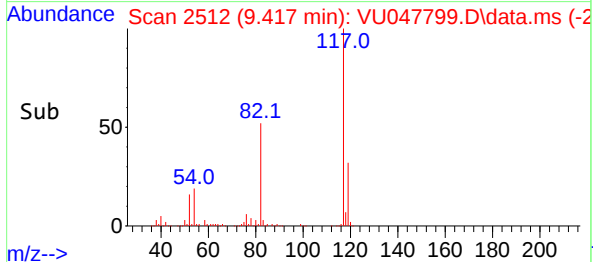
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



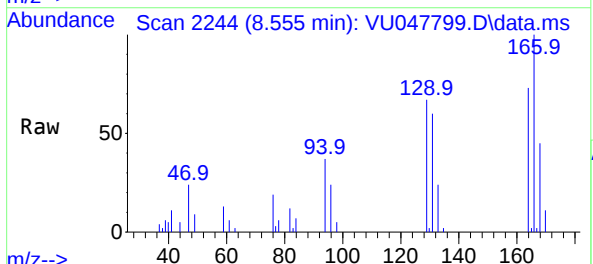
Tgt Ion:117 Resp: 433090
Ion Ratio Lower Upper
117 100
82 51.8 41.7 62.5
119 31.9 25.7 38.5

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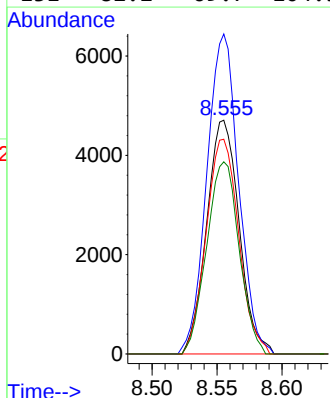
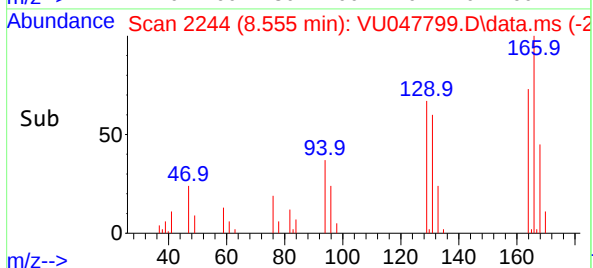
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

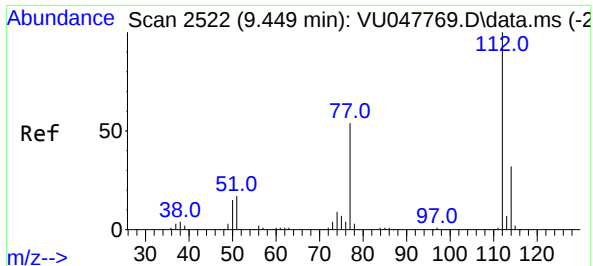


#64
Tetrachloroethene
Concen: 2.557 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



Tgt Ion:164 Resp: 8191
Ion Ratio Lower Upper
164 100
166 136.9 100.0 150.0
129 91.8 72.0 108.0
131 82.2 69.7 104.5





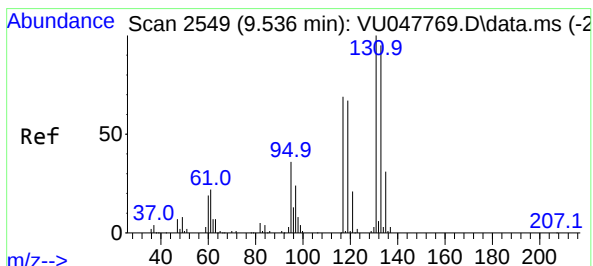
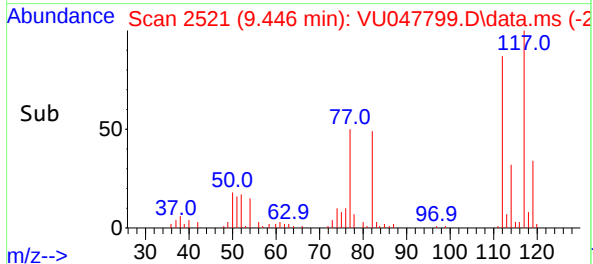
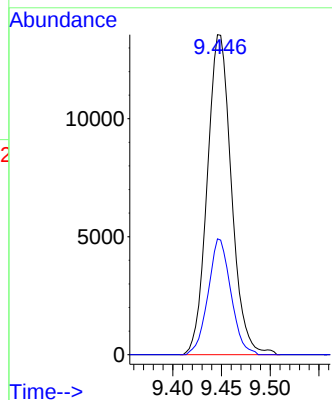
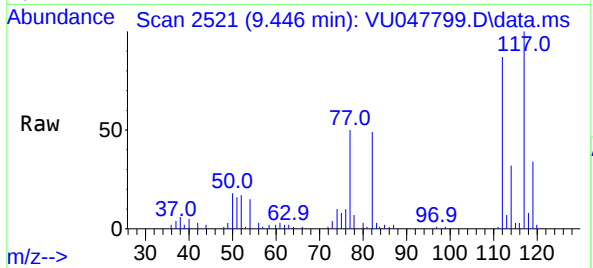
#65
Chlorobenzene
Concen: 2.535 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument : MSVOA_U
ClientSampleId : MDL04 2.5ppb

Tgt Ion:112 Resp: 23408
Ion Ratio Lower Upper
112 100
114 36.2 24.9 37.3

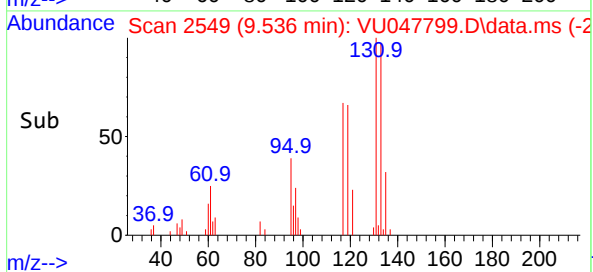
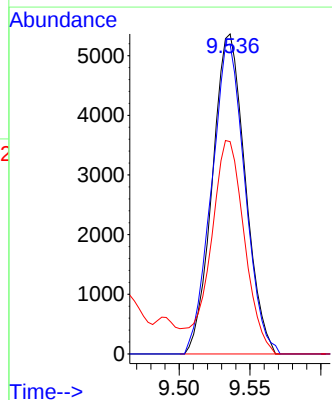
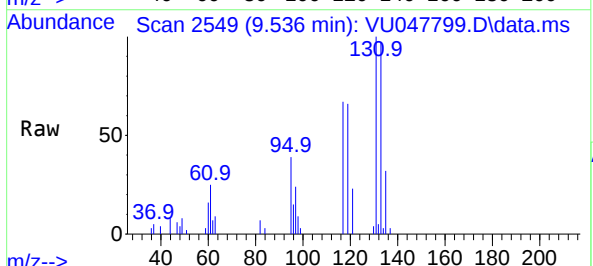
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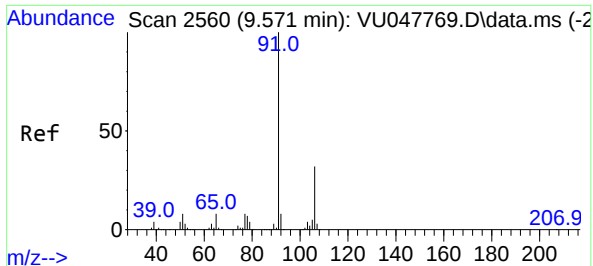
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 2.543 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion:131 Resp: 8651
Ion Ratio Lower Upper
131 100
133 98.7 48.4 145.0
119 68.3 33.9 101.6





#67

Ethyl Benzene

Concen: 2.393 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

MDL04 2.5ppb

Tgt Ion: 91 Resp: 3618

Ion Ratio Lower Upper

91 100

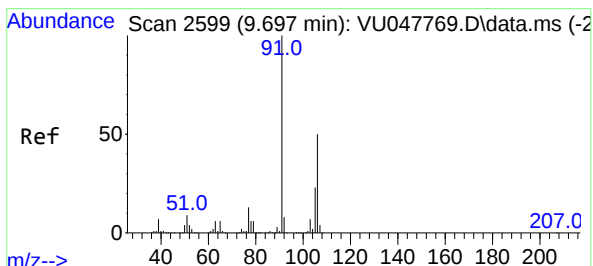
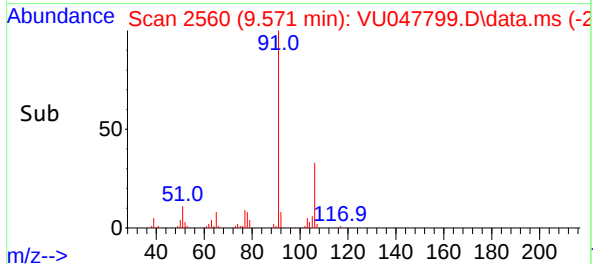
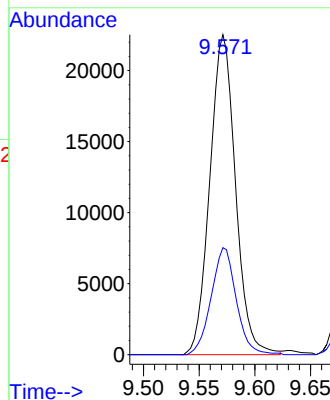
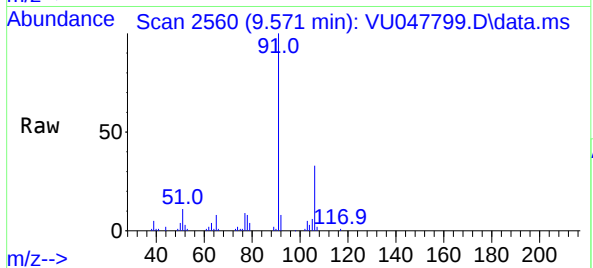
106 33.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#68

m/p-Xylenes

Concen: 4.613 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047799.D

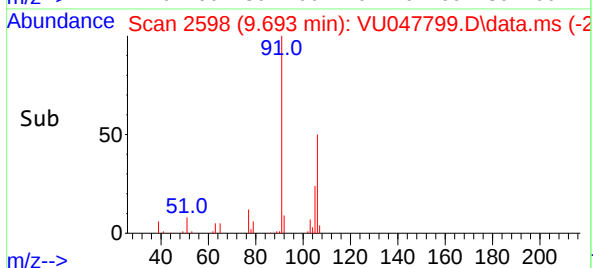
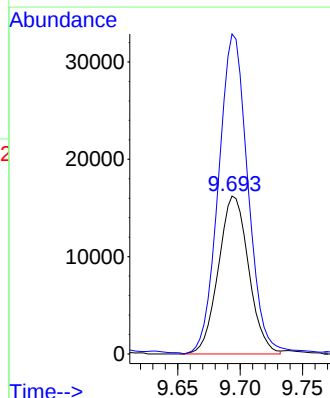
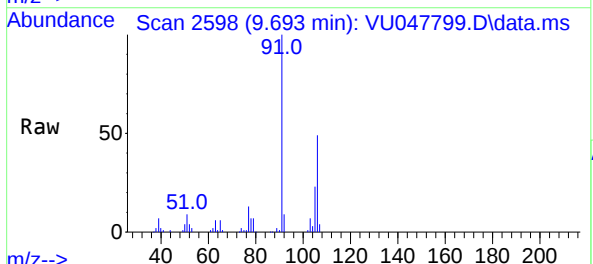
Acq: 02 Apr 2022 14:32

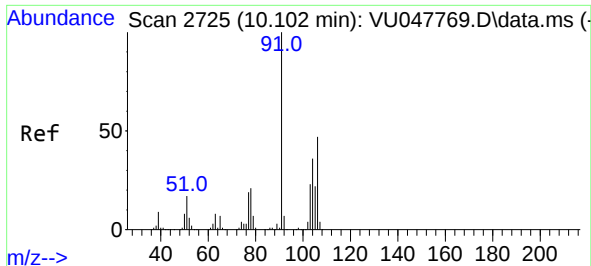
Tgt Ion:106 Resp: 27429

Ion Ratio Lower Upper

106 100

91 198.3 157.2 235.8





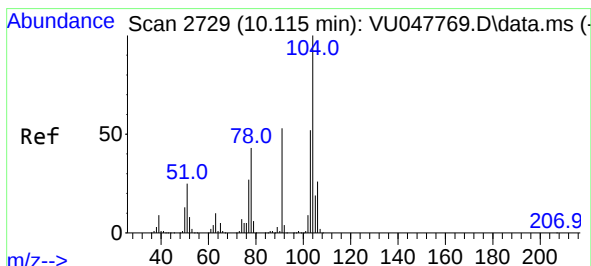
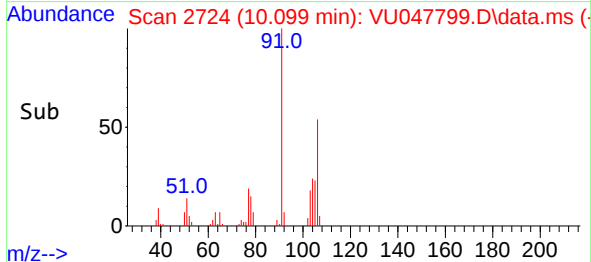
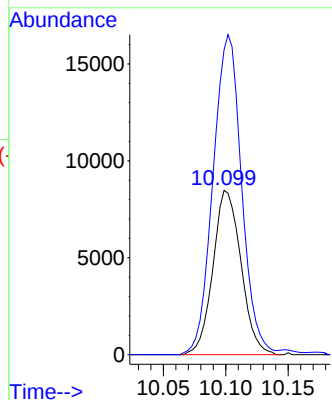
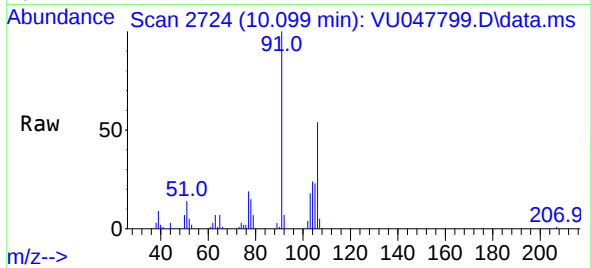
#69
o-Xylene
Concen: 2.332 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb

Tgt Ion:106 Resp: 1328
Ion Ratio Lower Upper
106 100
91 198.4 103.5 310.5

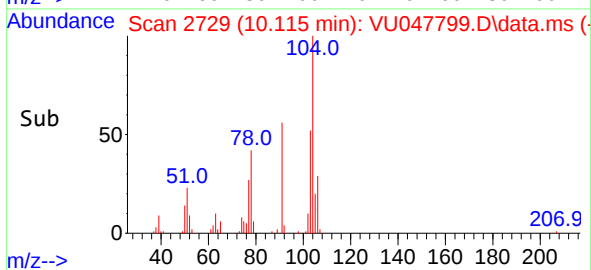
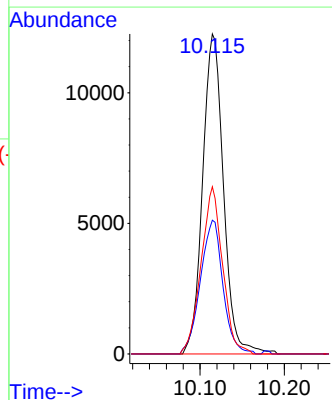
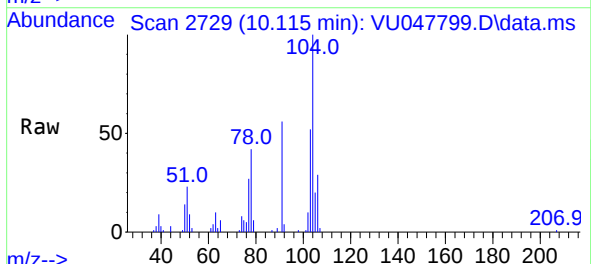
Manual Integrations
APPROVED

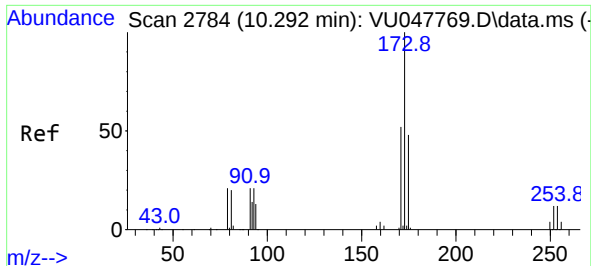
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#70
Styrene
Concen: 2.237 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

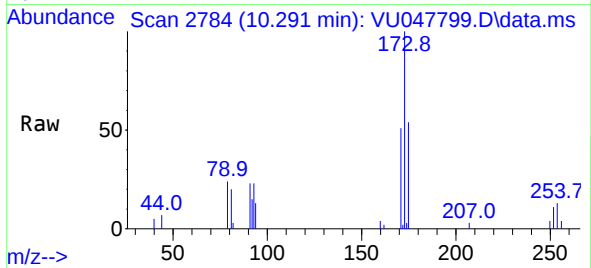
Tgt Ion:104 Resp: 21163
Ion Ratio Lower Upper
104 100
78 45.1 38.0 57.0
103 53.8 43.9 65.9





#71
Bromoform
Concen: 2.297 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

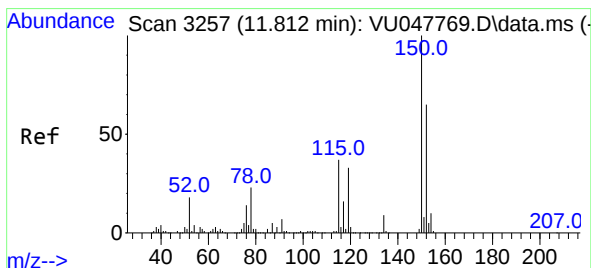
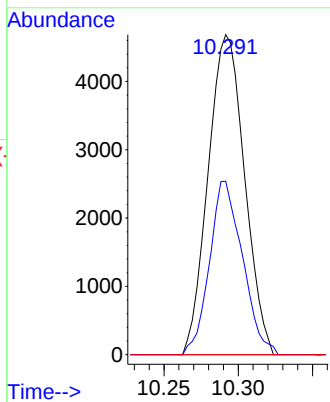
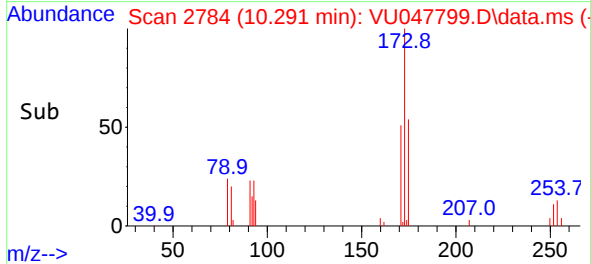
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



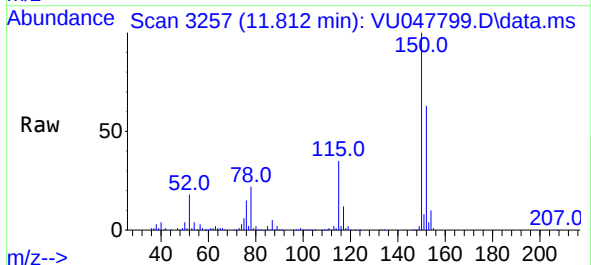
Tgt Ion:173 Resp: 798
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.2
254 0.0 0.1 0.1

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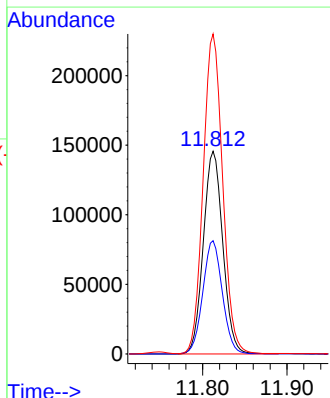
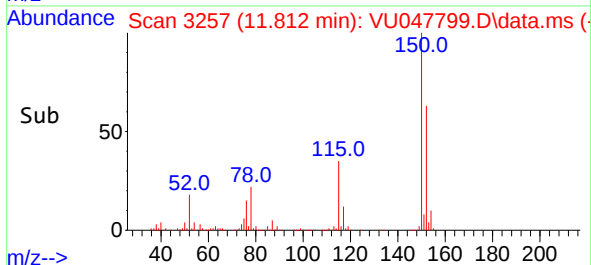
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

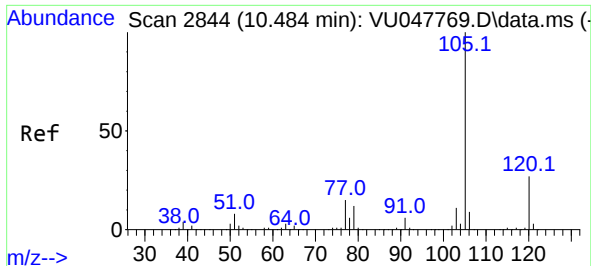


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



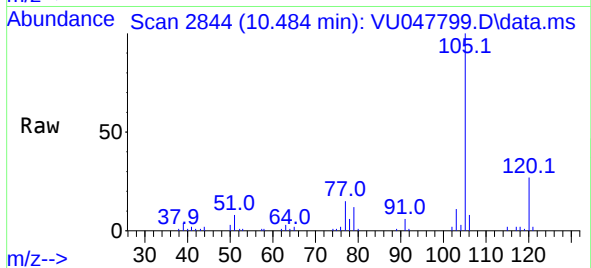
Tgt Ion:152 Resp: 234706
Ion Ratio Lower Upper
152 100
115 56.0 37.0 110.9
150 157.3 0.0 342.2





#73
Isopropylbenzene
Concen: 2.455 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

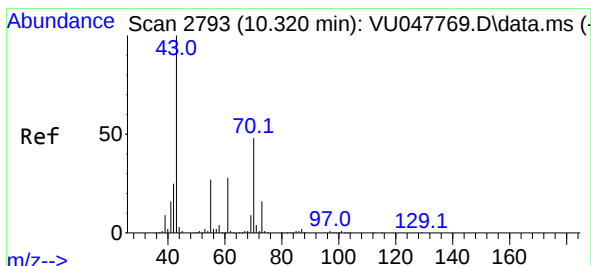
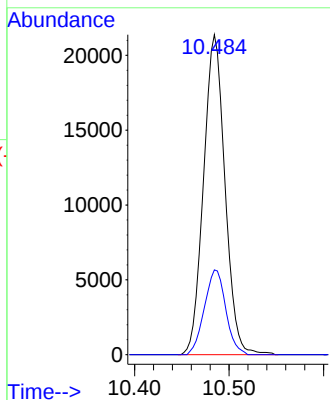
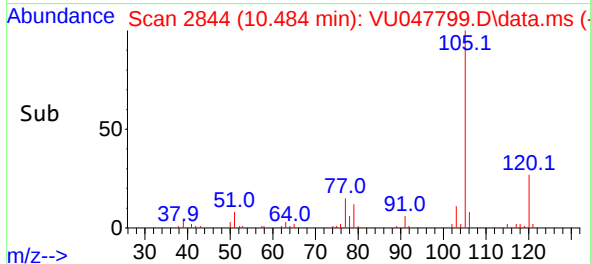
Instrument : MSVOA_U
ClientSampleId : MDL04 2.5ppb



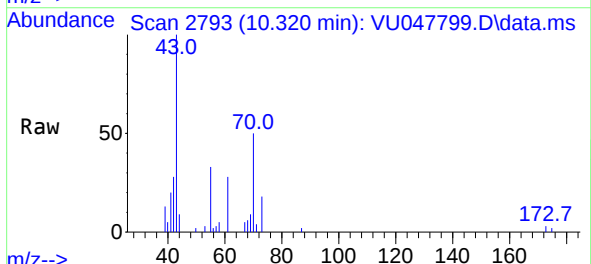
Tgt Ion:105 Resp: 3369
Ion Ratio Lower Upper
105 100
120 26.4 13.8 41.4

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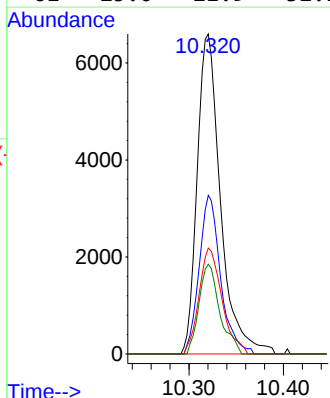
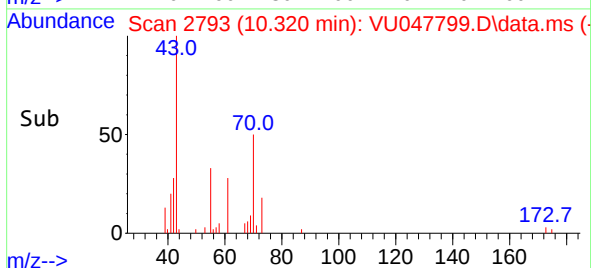
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

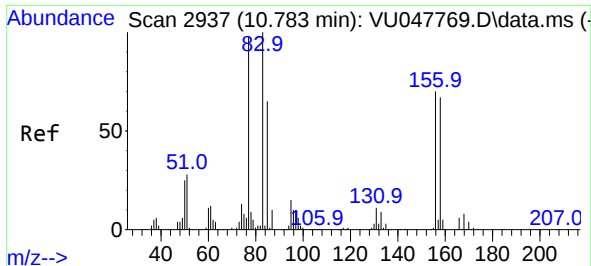


#74
N-ethyl acetate
Concen: 2.085 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



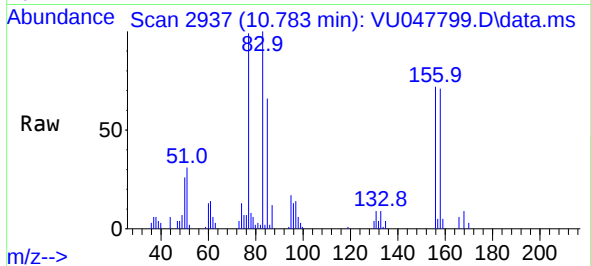
Tgt Ion: 43 Resp: 11309
Ion Ratio Lower Upper
43 100
70 45.5 38.7 58.1
55 32.5 21.8 32.8
61 25.0 21.9 32.9





#75
1,1,2,2-Tetrachloroethane
Concen: 2.767 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

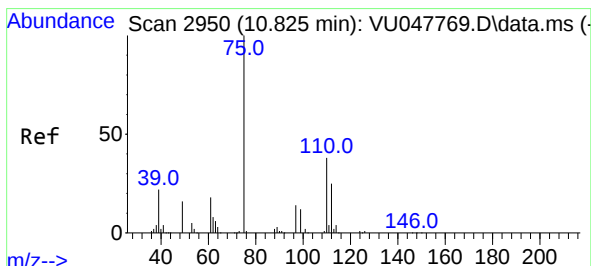
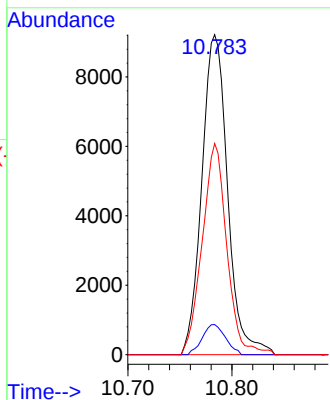
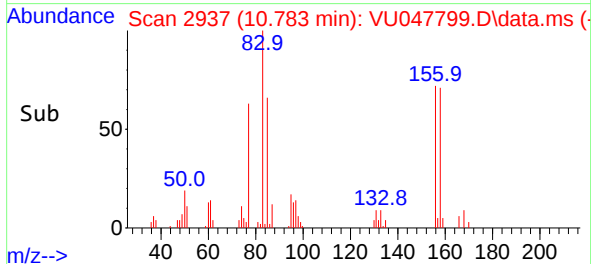
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



Tgt Ion: 83 Resp: 1585
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.4
85 63.0 32.2 96.6

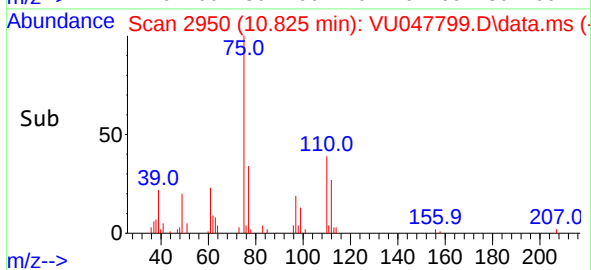
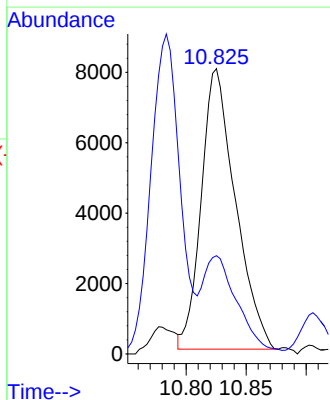
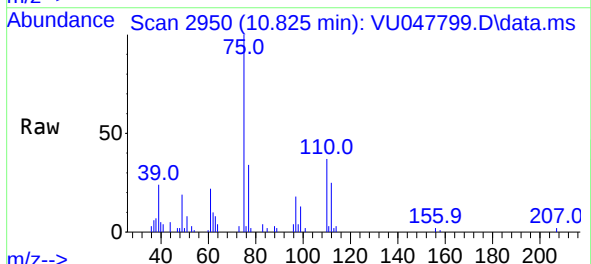
Manual Integrations
APPROVED

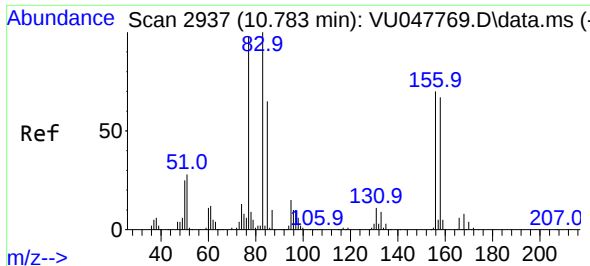
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#76
1,2,3-Trichloropropane
Concen: 2.400 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

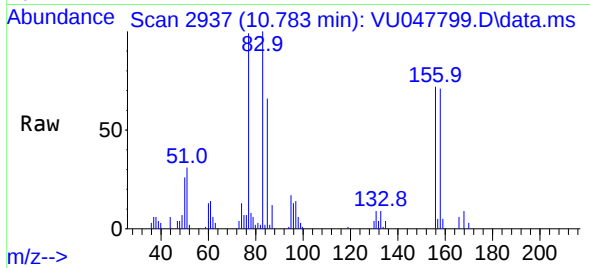
Tgt Ion: 75 Resp: 15770
Ion Ratio Lower Upper
75 100
77 35.1 15.8 47.3





#77
Bromobenzene
Concen: 2.870 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

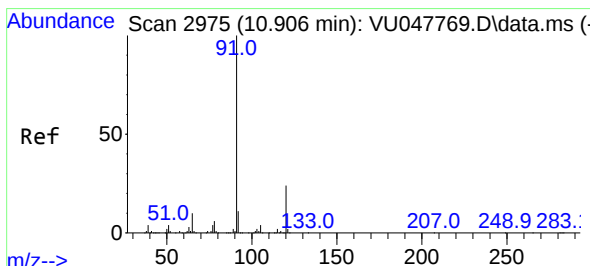
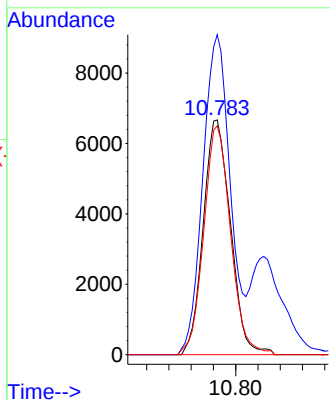
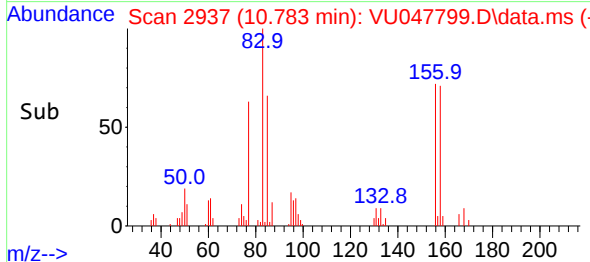
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



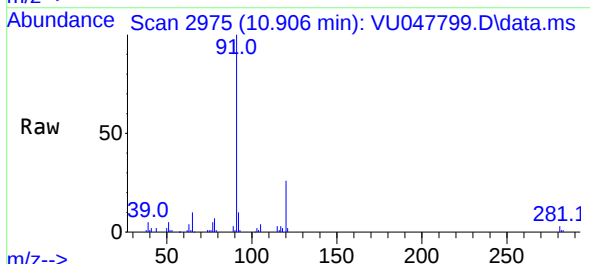
Tgt Ion: 156 Resp: 1132
Ion Ratio Lower Upper
156 100
77 137.3 71.9 215.6
158 95.9 48.9 146.8

Manual Integrations
APPROVED

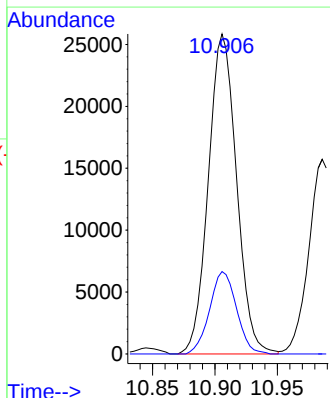
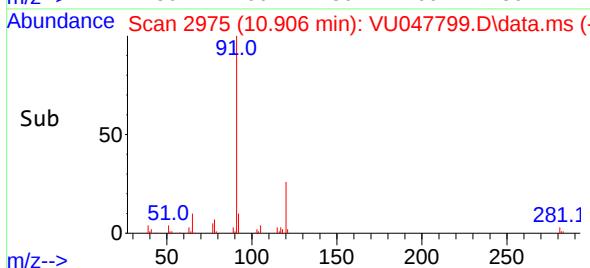
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

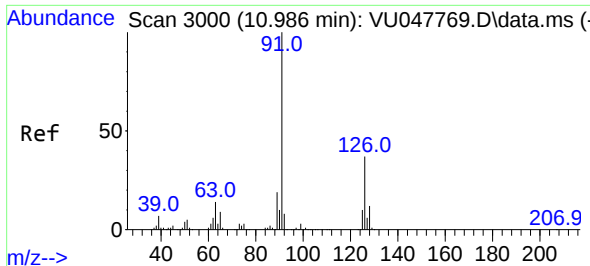


#78
n-propylbenzene
Concen: 2.481 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



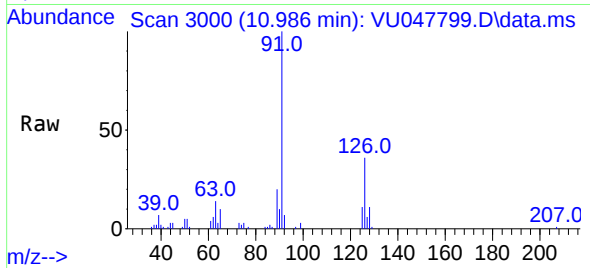
Tgt Ion: 91 Resp: 40682
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5





#79
2-Chlorotoluene
Concen: 2.572 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

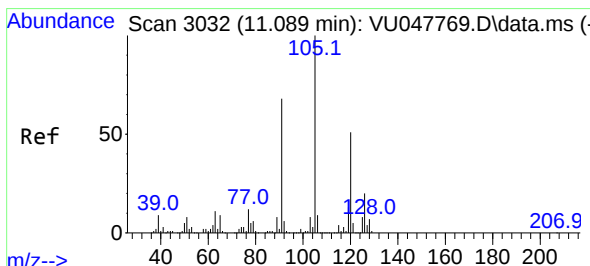
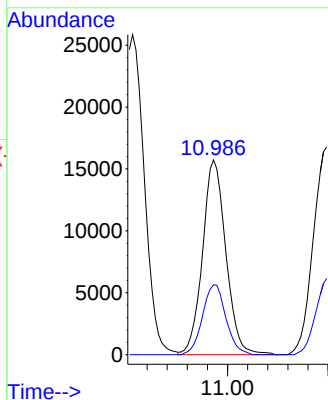
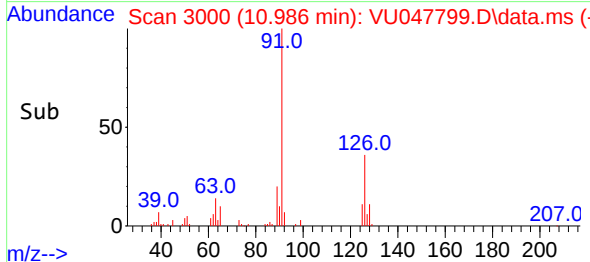
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



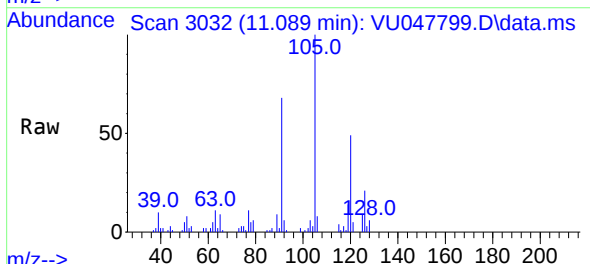
Tgt Ion: 91 Resp: 2534
Ion Ratio Lower Upper
91 100
126 35.9 18.4 55.0

Manual Integrations
APPROVED

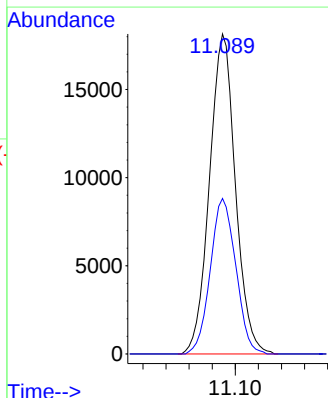
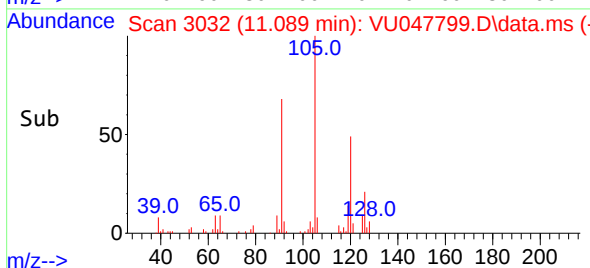
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

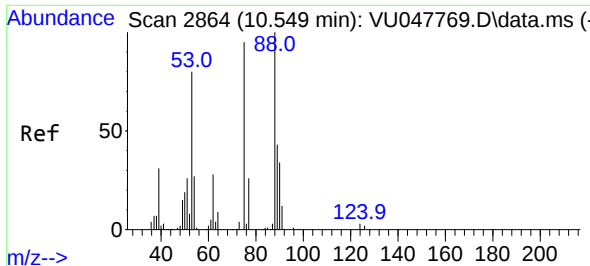


#80
1,3,5-Trimethylbenzene
Concen: 2.444 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



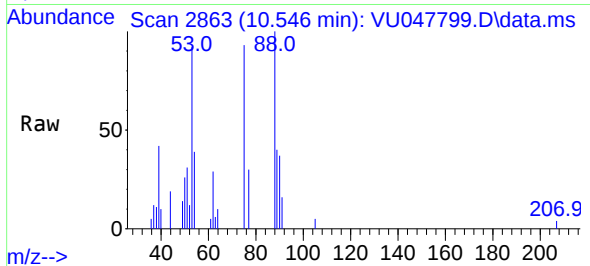
Tgt Ion:105 Resp: 28282
Ion Ratio Lower Upper
105 100
120 47.7 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 2.016 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. -0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

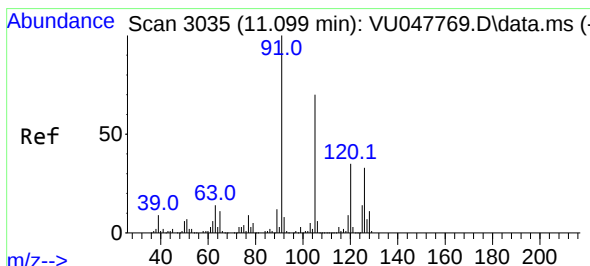
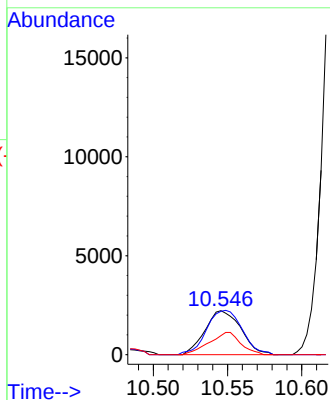
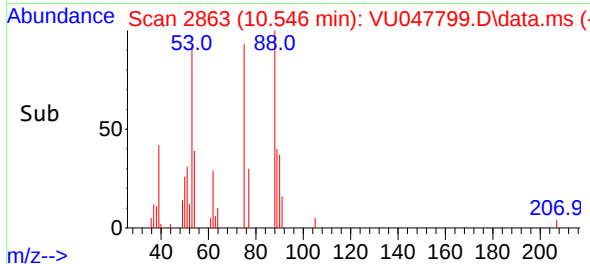
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



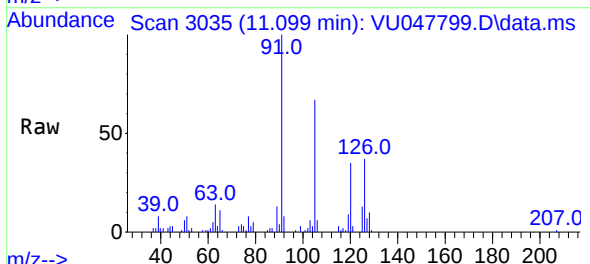
Tgt Ion: 75 Resp: 372
Ion Ratio Lower Upper
75 100
53 100.4 69.2 103.8
89 44.4 37.0 55.6

Manual Integrations
APPROVED

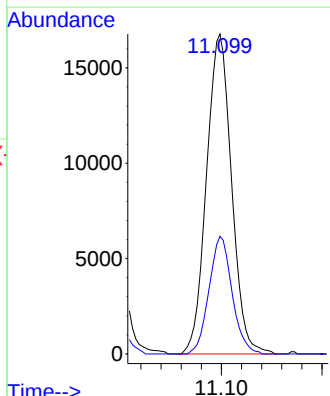
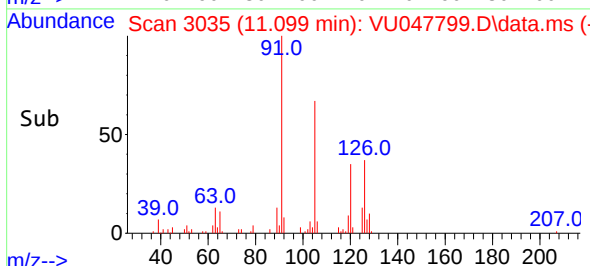
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

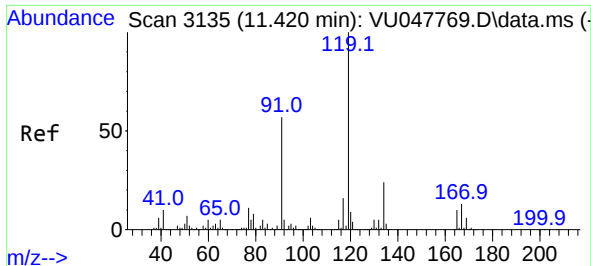


#82
4-Chlorotoluene
Concen: 2.535 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



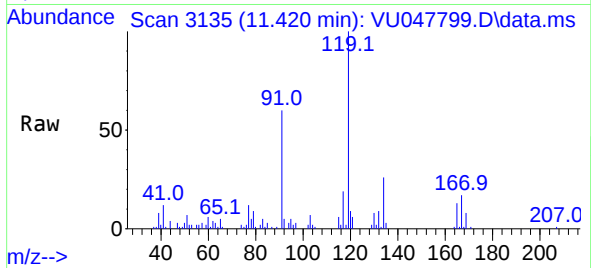
Tgt Ion: 91 Resp: 29026
Ion Ratio Lower Upper
91 100
126 33.8 16.1 48.2





#83
tert-Butylbenzene
Concen: 2.289 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

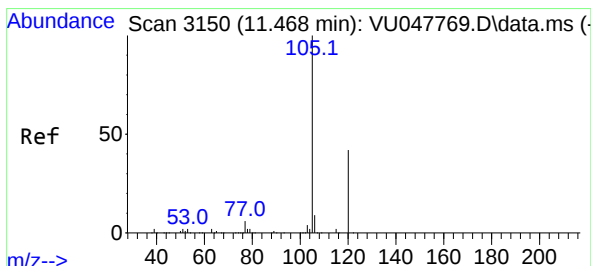
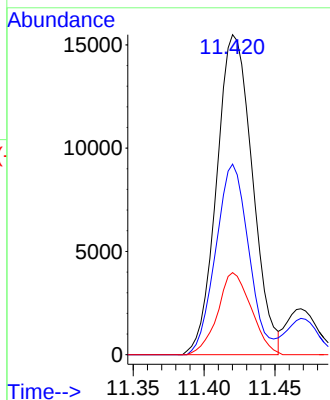
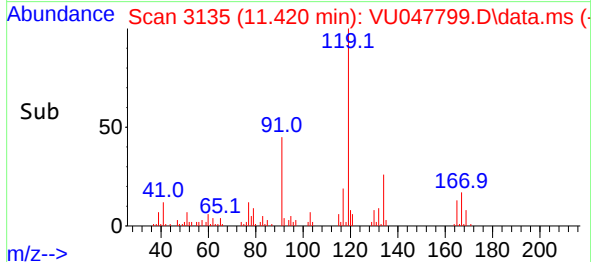
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



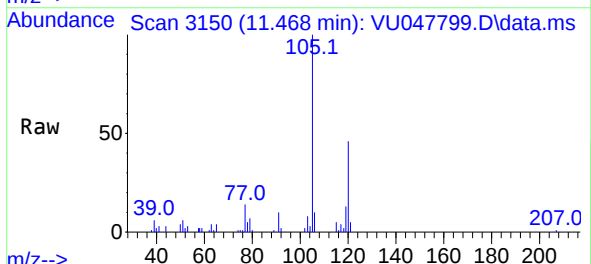
Tgt Ion:119 Resp: 27235
Ion Ratio Lower Upper
119 100
91 55.0 26.8 80.3
134 24.0 11.5 34.5

Manual Integrations
APPROVED

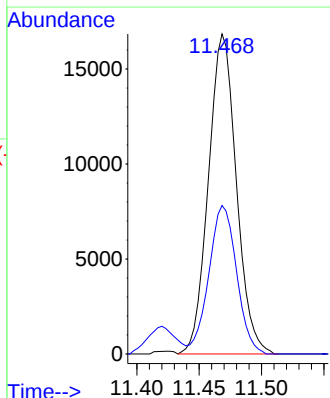
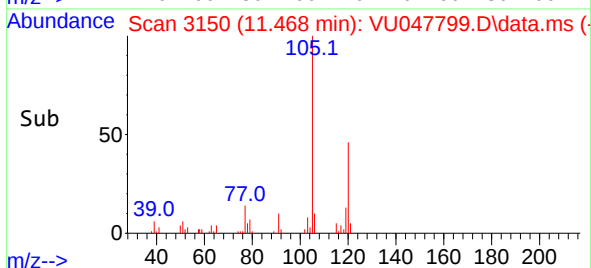
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

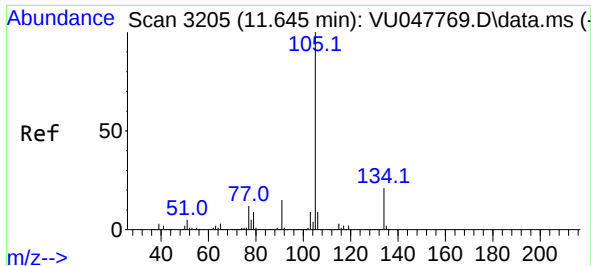


#84
1,2,4-Trimethylbenzene
Concen: 2.286 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



Tgt Ion:105 Resp: 26298
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.3





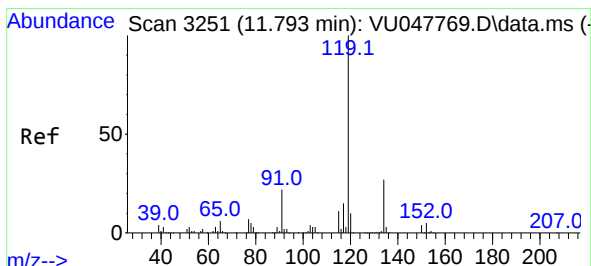
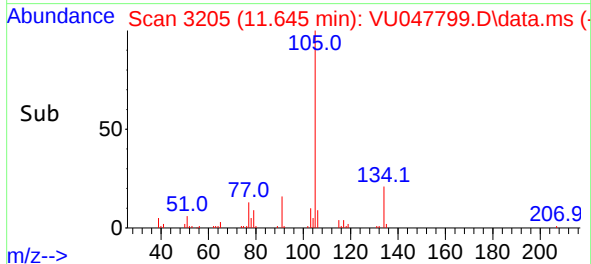
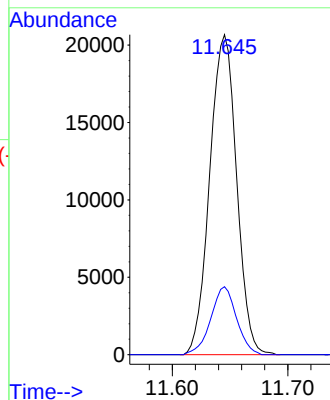
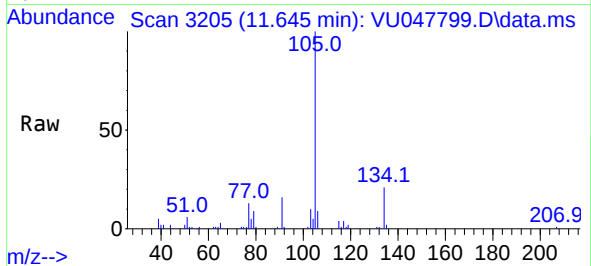
#85
 sec-Butylbenzene
 Concen: 2.298 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU047799.D
 Acq: 02 Apr 2022 14:32

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 2.5ppb

Tgt Ion:105 Resp: 33379
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

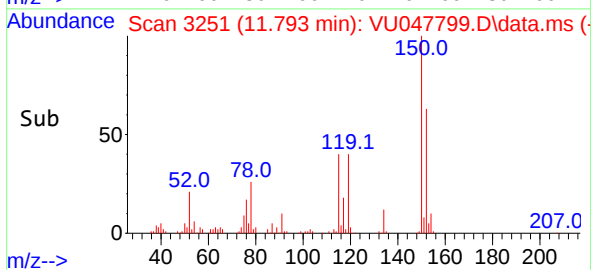
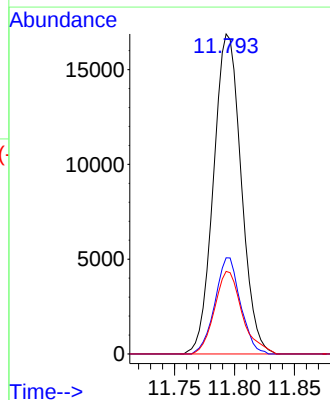
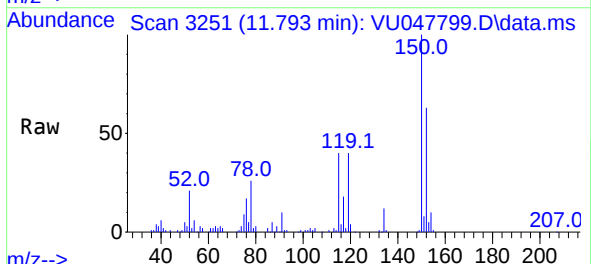
Manual Integrations
 APPROVED

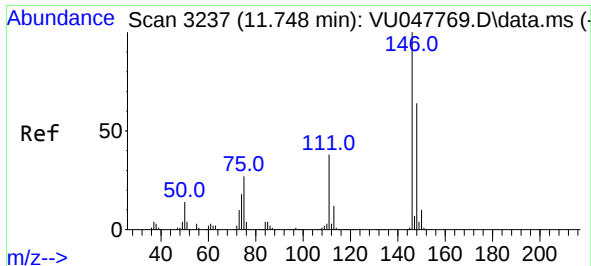
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022



#86
 p-Isopropyltoluene
 Concen: 2.171 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU047799.D
 Acq: 02 Apr 2022 14:32

Tgt Ion:119 Resp: 27031
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.5 40.4
 91 25.7 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 2.568 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

MDL04 2.5ppb

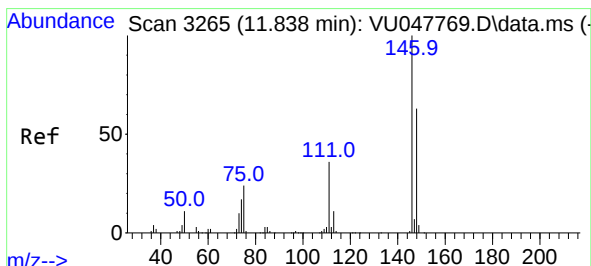
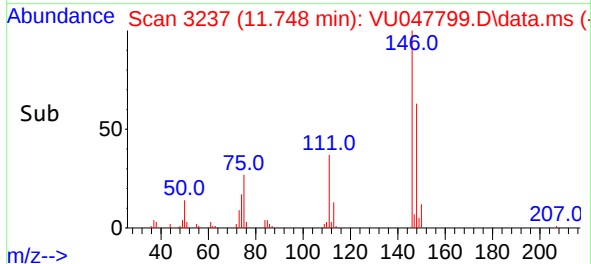
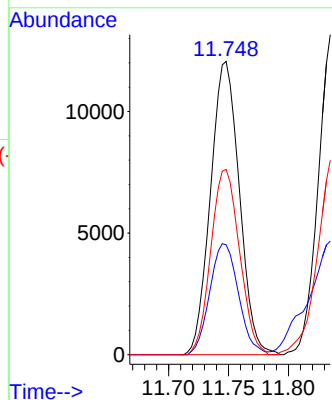
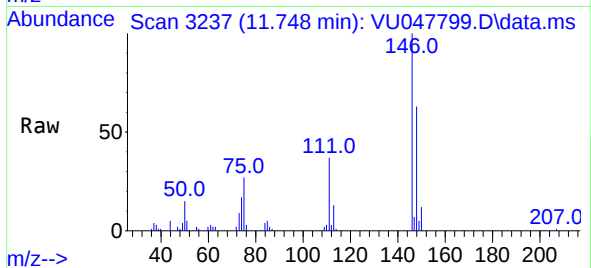
Tgt Ion:	146	Resp:	2016
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.9	56.5
148	62.8	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#88

1,4-Dichlorobenzene

Concen: 2.708 ug/l

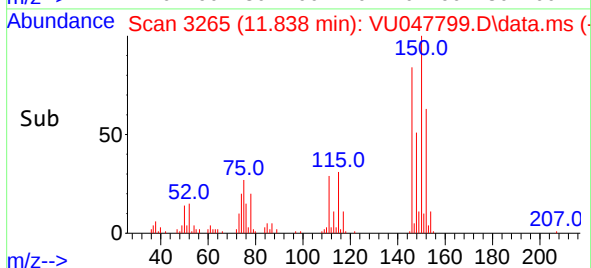
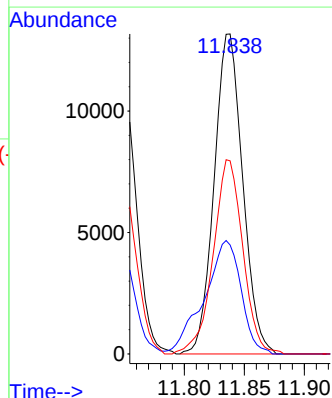
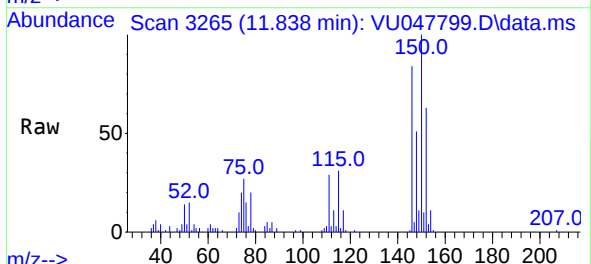
RT: 11.838 min Scan# 3265

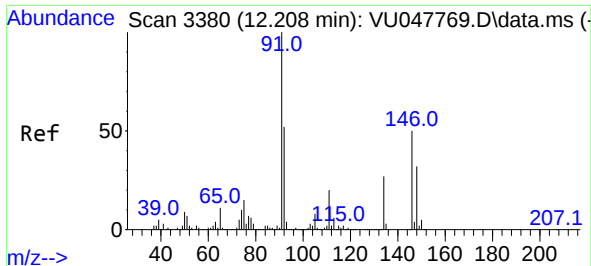
Delta R.T. -0.000 min

Lab File: VU047799.D

Acq: 02 Apr 2022 14:32

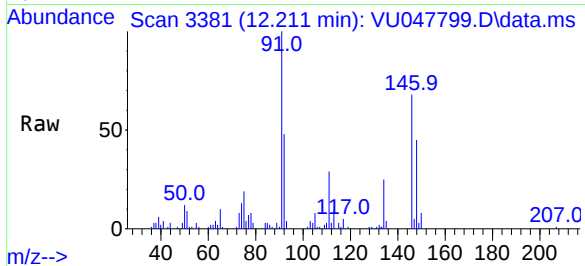
Tgt Ion:	146	Resp:	21785
Ion Ratio	Lower	Upper	
146	100		
111	45.9	18.5	55.5
148	63.1	31.9	95.7





#89
n-Butylbenzene
Concen: 2.229 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

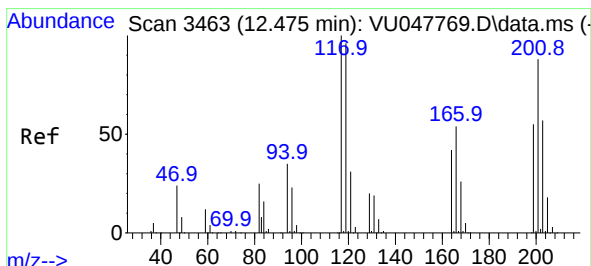
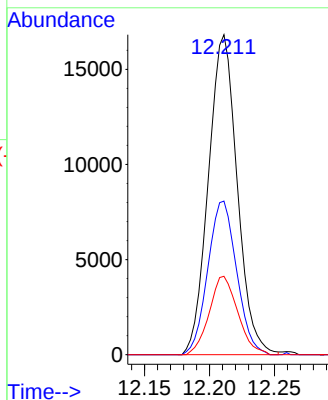
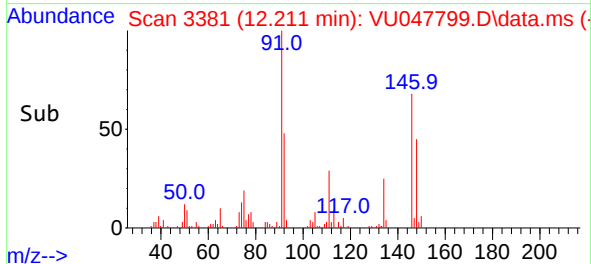
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



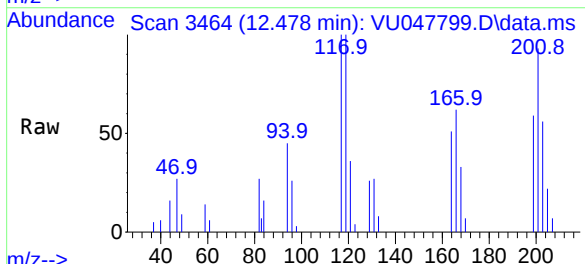
Tgt Ion: 91 Resp: 25930
Ion Ratio Lower Upper
91 100
92 48.1 26.2 78.6
134 24.3 13.5 40.4

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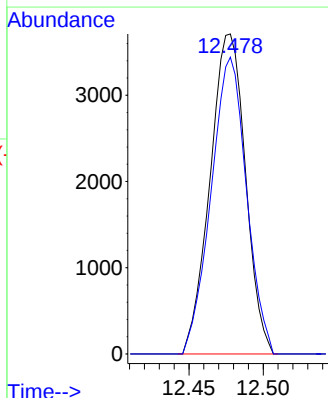
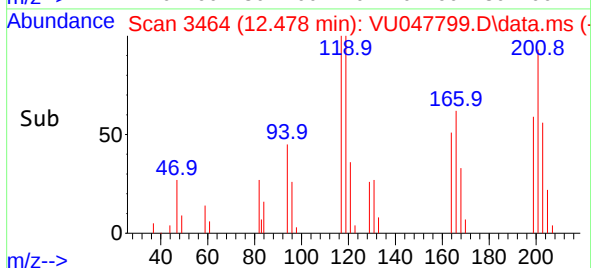
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

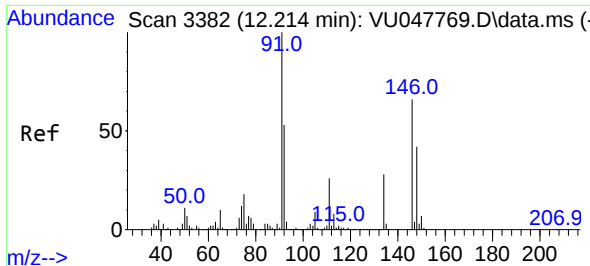


#90
Hexachloroethane
Concen: 2.442 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



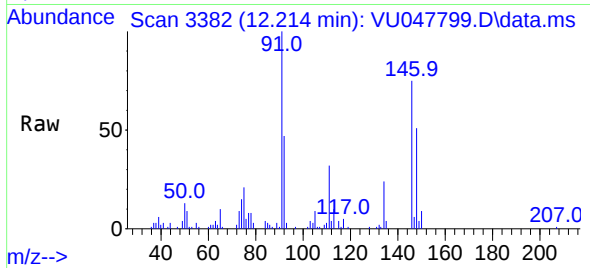
Tgt Ion:117 Resp: 6150
Ion Ratio Lower Upper
117 100
201 92.6 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 2.540 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

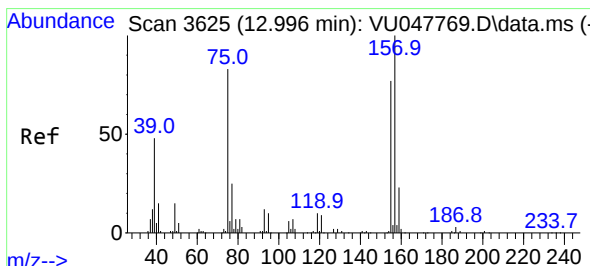
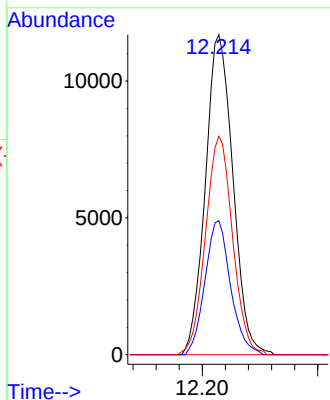
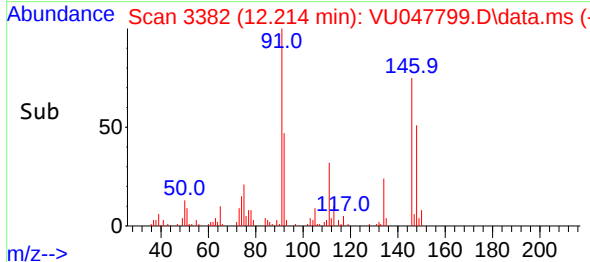
Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb



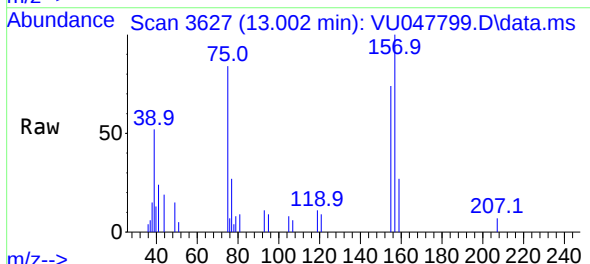
Tgt Ion:146 Resp: 1938
Ion Ratio Lower Upper
146 100
111 39.0 19.9 59.6
148 67.2 32.1 96.5

Manual Integrations
APPROVED

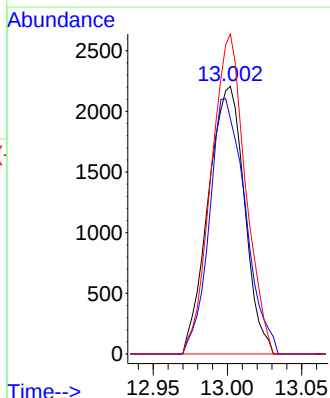
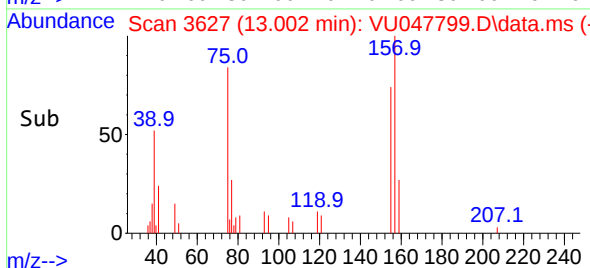
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

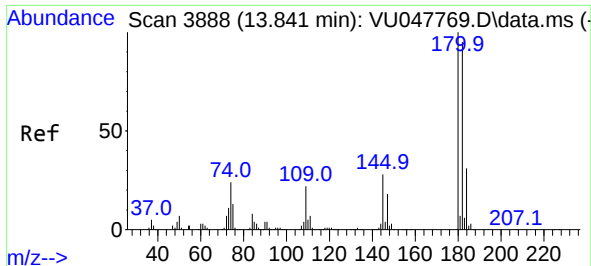


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.621 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32



Tgt Ion: 75 Resp: 3743
Ion Ratio Lower Upper
75 100
155 94.6 47.8 143.4
157 113.2 62.2 186.5





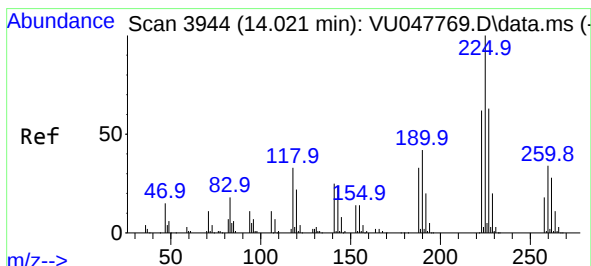
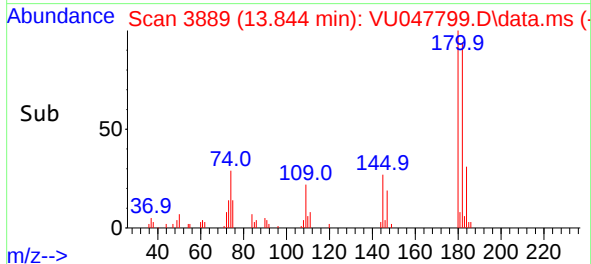
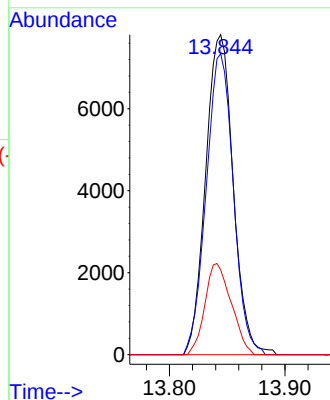
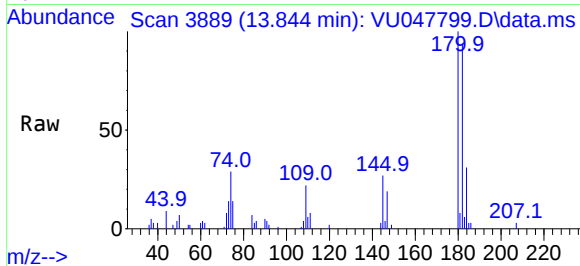
#93
1,2,4-Trichlorobenzene
Concen: 2.393 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb

Tgt Ion:180 Resp: 1294
Ion Ratio Lower Upper
180 100
182 92.6 47.9 143.6
145 27.2 14.0 41.9

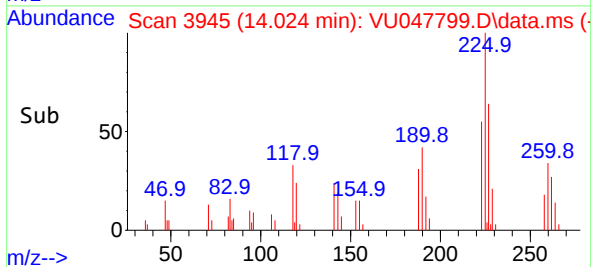
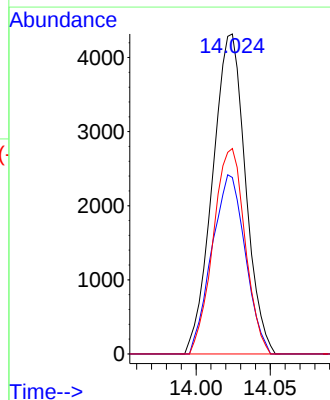
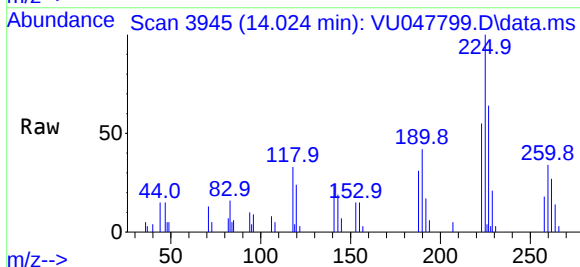
Manual Integrations
APPROVED

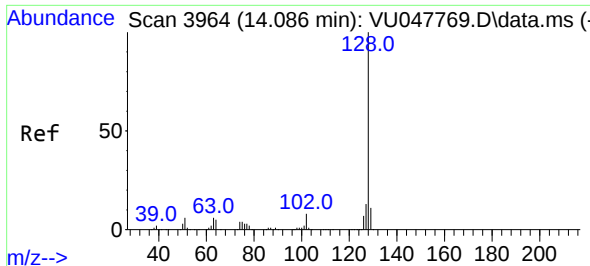
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#94
Hexachlorobutadiene
Concen: 2.440 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion:225 Resp: 6662
Ion Ratio Lower Upper
225 100
223 56.8 31.3 93.9
227 62.2 32.0 96.2





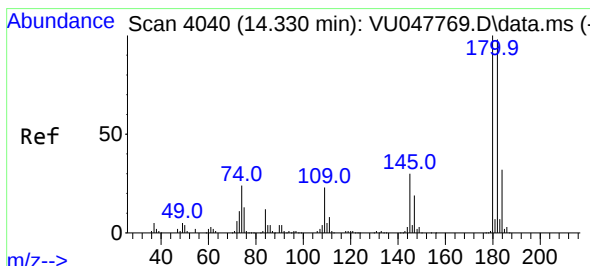
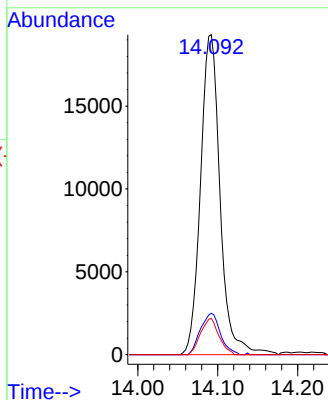
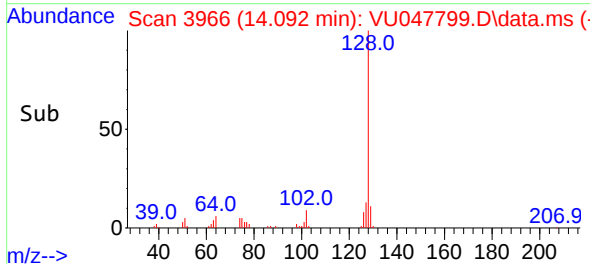
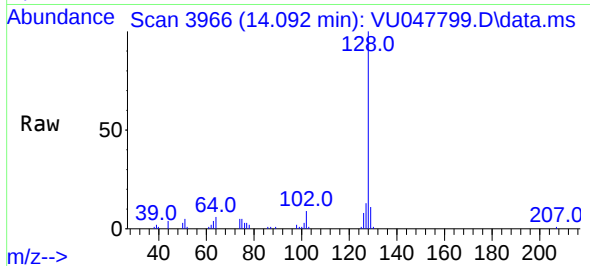
#95
Naphthalene
Concen: 2.042 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
MDL04 2.5ppb

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.473 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047799.D
Acq: 02 Apr 2022 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.4	145.0
145	26.8	14.8	44.4

