

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040222\
 Data File : VU047797.D
 Acq On : 02 Apr 2022 13:46
 Operator : SY/MD
 Sample : MDL05 0.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05 0.5ppb

Quant Time: Apr 04 09:25:28 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	279604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	425675	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	415400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	221787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	172873	57.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.260%			
35) Dibromofluoromethane	5.292	113	154406	54.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.180%			
50) Toluene-d8	7.899	98	523839	50.934	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	10.632	95	182978	45.683	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1532	0.490	ug/l	99
3) Chloromethane	1.523	50	2081	0.596	ug/l	98
4) Vinyl Chloride	1.607	62	2039	0.622	ug/l	97
5) Bromomethane	1.861	94	1849	0.857	ug/l	83
6) Chloroethane	1.935	64	1104	0.515	ug/l	93
7) Trichlorofluoromethane	2.141	101	2572	0.561	ug/l	100
8) Diethyl Ether	2.382	74	1035	0.590	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.584	101	1522	0.555	ug/l	97
10) Methyl Iodide	2.729	142	1290	0.488	ug/l #	84
11) Tert butyl alcohol	3.199	59	2166m	2.577	ug/l	
12) 1,1-Dichloroethene	2.581	96	1715	0.641	ug/l	94
13) Acrolein	2.491	56	1350	3.189	ug/l	88
14) Allyl chloride	2.922	41	2403m	0.632	ug/l	
15) Acrylonitrile	3.327	53	5078	2.518	ug/l	91
16) Acetone	2.639	43	5469	2.501	ug/l	98
17) Carbon Disulfide	2.797	76	4680	0.594	ug/l	97
18) Methyl Acetate	2.964	43	2084	0.509	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	4306	0.511	ug/l	96
20) Methylene Chloride	3.057	84	2390	0.736	ug/l	87
21) trans-1,2-Dichloroethene	3.359	96	1642	0.563	ug/l	83
22) Diisopropyl ether	3.993	45	4021	0.532	ug/l #	64
23) Vinyl Acetate	3.967	43	16171m	2.358	ug/l	
24) 1,1-Dichloroethane	3.874	63	2929	0.589	ug/l #	93
25) 2-Butanone	4.726	43	6173	2.241	ug/l	89
26) 2,2-Dichloropropane	4.674	77	2354	0.534	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	1775	0.536	ug/l	97
28) Bromochloromethane	4.986	49	918	0.516	ug/l #	89
29) Tetrahydrofuran	5.073	42	4373	2.566	ug/l #	79
30) Chloroform	5.096	83	3026	0.565	ug/l	93
31) Cyclohexane	5.379	56	7051	1.576	ug/l #	21
32) 1,1,1-Trichloroethane	5.321	97	2579	0.558	ug/l #	50
36) 1,1-Dichloropropene	5.530	75	2398	0.595	ug/l	92
37) Ethyl Acetate	4.813	43	3102m	0.572	ug/l	
38) Carbon Tetrachloride	5.523	117	2343	0.545	ug/l #	78
39) Methylcyclohexane	6.764	83	2303	0.467	ug/l	91
40) Benzene	5.781	78	6870	0.574	ug/l	97

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 MDL05 0.5ppb

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 Quant Title : SW846 8260
 QLast Update : Mon Apr 04 09:23:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	891	0.364	ug/l #	89
42) 1,2-Dichloroethane	5.800	62	2825	0.677	ug/l	80
43) Isopropyl Acetate	5.919	43	3247	0.477	ug/l #	93
44) Trichloroethene	6.549	130	1942	0.559	ug/l	94
45) 1,2-Dichloropropane	6.797	63	1638	0.543	ug/l	92
46) Dibromomethane	6.928	93	1294	0.543	ug/l	96
47) Bromodichloromethane	7.108	83	2439	0.556	ug/l #	99
48) Methyl methacrylate	6.970	41	1452	0.466	ug/l	85
49) 1,4-Dioxane	6.986	88	975m	10.236	ug/l	
51) 4-Methyl-2-Pentanone	7.797	43	11789	2.365	ug/l	96
52) Toluene	7.970	92	4308	0.562	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	2458	0.503	ug/l #	42
54) cis-1,3-Dichloropropene	7.607	75	2511	0.500	ug/l #	89
55) 1,1,2-Trichloroethane	8.404	97	1614	0.493	ug/l	97
56) Ethyl methacrylate	8.337	69	2097	0.446	ug/l	98
57) 1,3-Dichloropropane	8.578	76	2846	0.534	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.469	63	427	1.273	ug/l #	46
59) 2-Hexanone	8.690	43	10105	2.471	ug/l	89
60) Dibromochloromethane	8.809	129	1930	0.513	ug/l	97
61) 1,2-Dibromoethane	8.925	107	1906	0.512	ug/l	95
64) Tetrachloroethene	8.555	164	1517	0.494	ug/l	84
65) Chlorobenzene	9.449	112	4850	0.548	ug/l	92
66) 1,1,1,2-Tetrachloroethane	9.536	131	1828	0.560	ug/l #	59
67) Ethyl Benzene	9.571	91	7717	0.532	ug/l	98
68) m/p-Xylenes	9.694	106	5560	0.975	ug/l	95
69) o-Xylene	10.102	106	2555	0.468	ug/l	98
70) Styrene	10.118	104	3882	0.428	ug/l	98
71) Bromoform	10.288	173	1638	0.491	ug/l #	91
73) Isopropylbenzene	10.485	105	6197	0.478	ug/l	98
74) N-amyl acetate	10.324	43	2456	0.479	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	10.784	83	3190	0.589	ug/l	97
76) 1,2,3-Trichloropropane	10.822	75	3503	0.564	ug/l	98
77) Bromobenzene	10.780	156	2035	0.546	ug/l	87
78) n-propylbenzene	10.906	91	7866	0.508	ug/l	98
79) 2-Chlorotoluene	10.986	91	5186	0.557	ug/l	94
80) 1,3,5-Trimethylbenzene	11.092	105	5212	0.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	714m	0.409	ug/l	
82) 4-Chlorotoluene	11.099	91	5837	0.540	ug/l	95
83) tert-Butylbenzene	11.420	119	5065	0.450	ug/l	95
84) 1,2,4-Trimethylbenzene	11.472	105	5066	0.466	ug/l	95
85) sec-Butylbenzene	11.645	105	6090	0.444	ug/l	97
86) p-Isopropyltoluene	11.796	119	5139	0.437	ug/l	90
87) 1,3-Dichlorobenzene	11.748	146	4345	0.586	ug/l	96
88) 1,4-Dichlorobenzene	11.838	146	4372m	0.575	ug/l	
89) n-Butylbenzene	12.211	91	5126	0.466	ug/l	96
90) Hexachloroethane	12.472	117	1105	0.464	ug/l	78
91) 1,2-Dichlorobenzene	12.214	146	4223	0.586	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	878	0.651	ug/l	78
93) 1,2,4-Trichlorobenzene	13.841	180	2840	0.555	ug/l	99
94) Hexachlorobutadiene	14.021	225	1472	0.571	ug/l	92
95) Naphthalene	14.092	128	7919	0.520	ug/l	95
96) 1,2,3-Trichlorobenzene	14.333	180	3010	0.604	ug/l	92

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MSVOA_U
ClientSampleId :
MDL05 0.5ppb

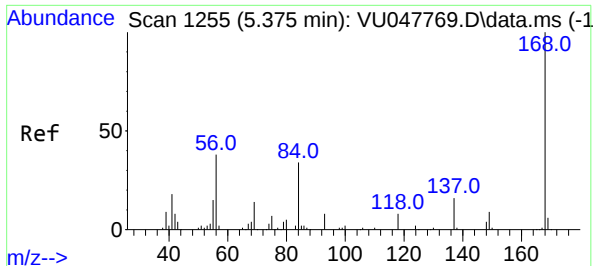
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/05/2022

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Quant Title : SW846 8260
QLast Update : Mon Apr 04 09:23:18 2022
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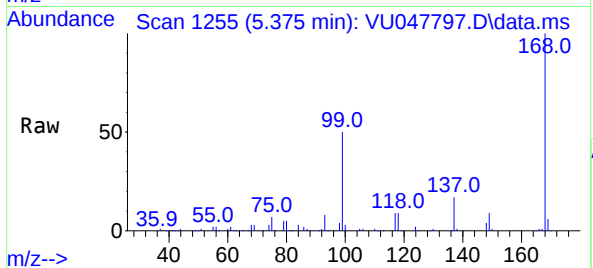
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047797.D
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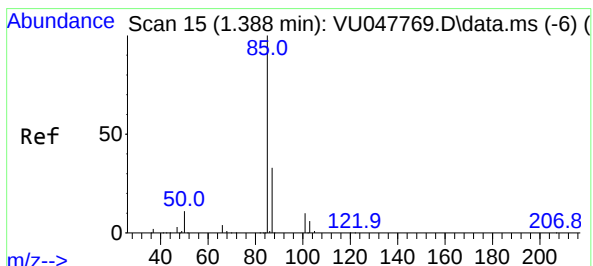
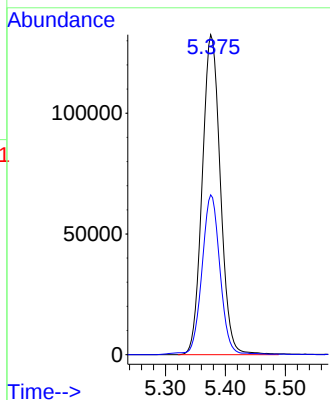
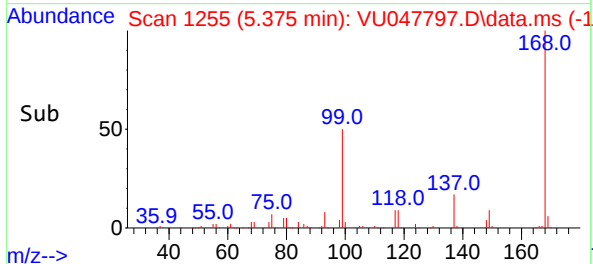
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion:168 Resp: 279604
Ion Ratio Lower Upper
168 100
99 49.8 39.3 58.9

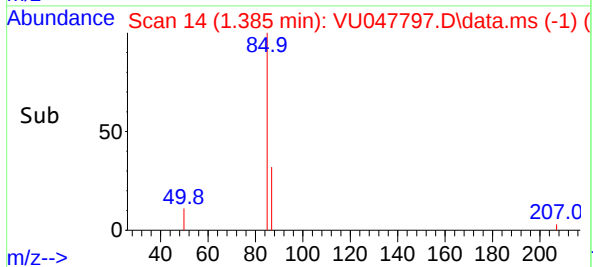
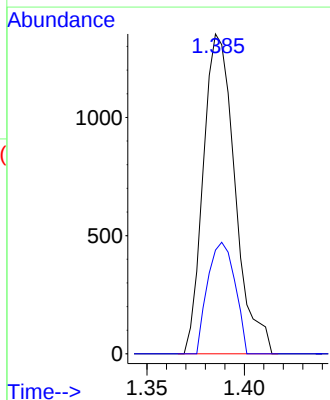
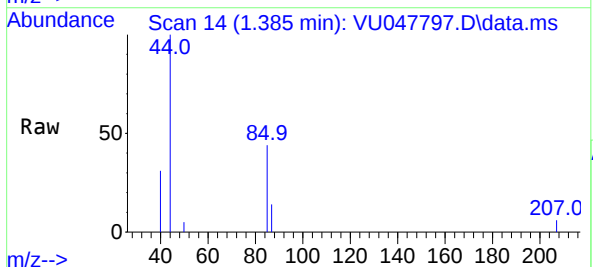
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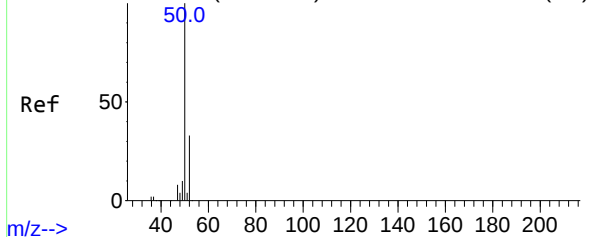


#2
Dichlorodifluoromethane
Concen: 0.490 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Tgt Ion: 85 Resp: 1532
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.2



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



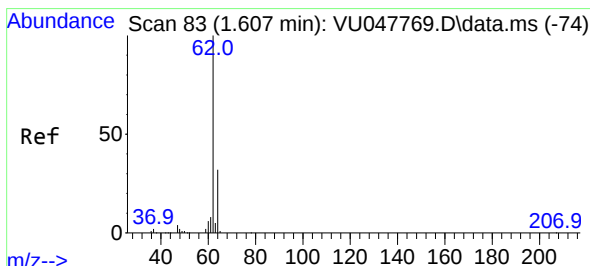
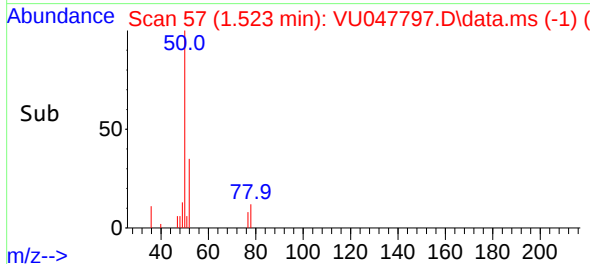
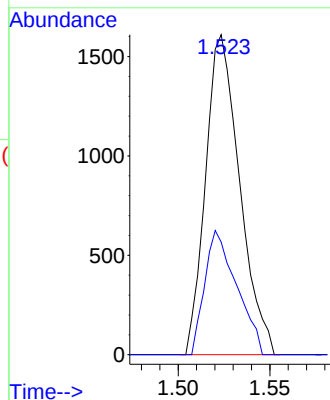
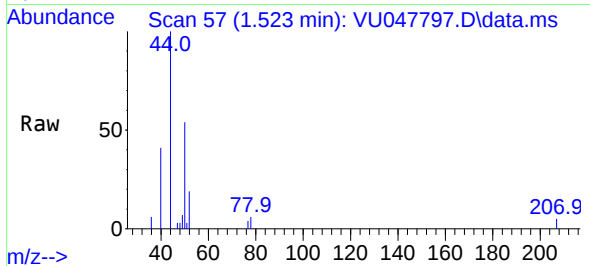
#3
Chloromethane
Concen: 0.596 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb

Tgt Ion: 50 Resp: 208
Ion Ratio Lower Upper
50 100
52 35.2 27.4 41.2

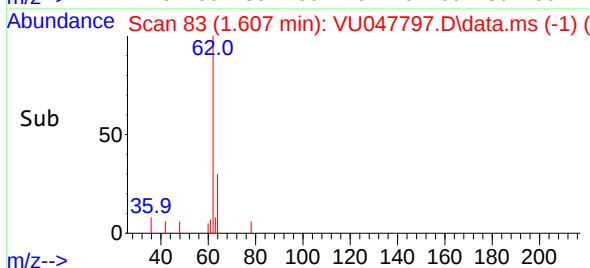
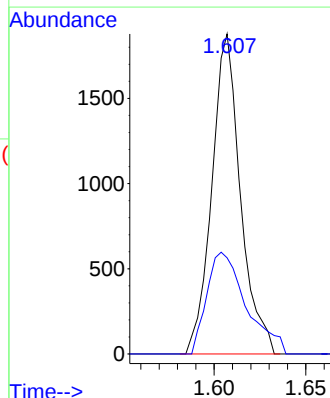
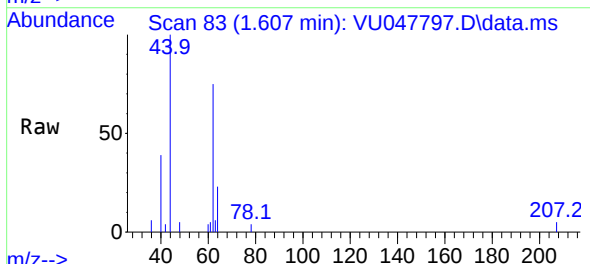
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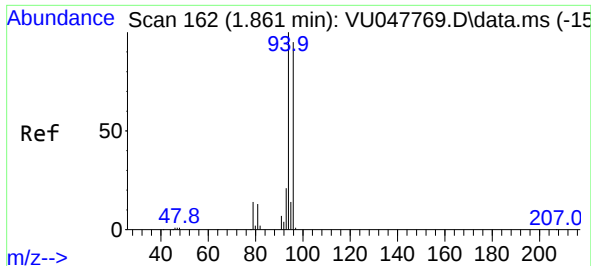
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#4
Vinyl Chloride
Concen: 0.622 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

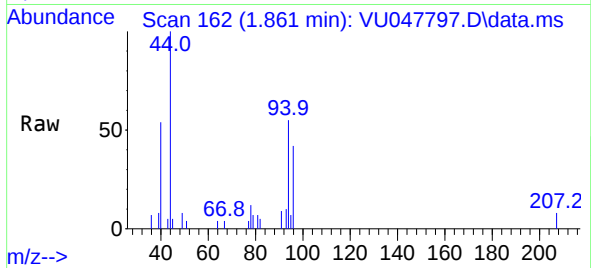
Tgt Ion: 62 Resp: 2039
Ion Ratio Lower Upper
62 100
64 30.1 25.3 37.9





#5
Bromomethane
Concen: 0.857 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

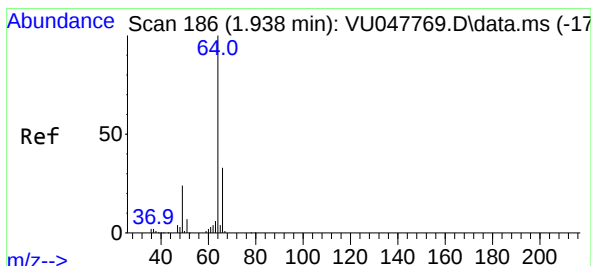
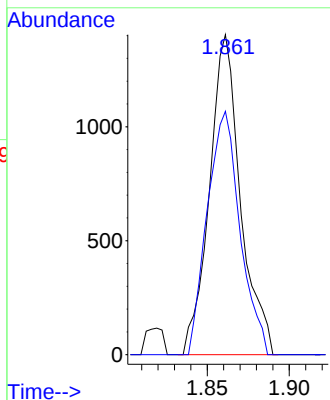
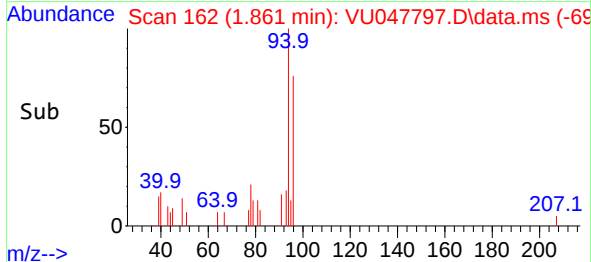
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 94 Resp: 1849
Ion Ratio Lower Upper
94 100
96 76.1 73.7 110.5

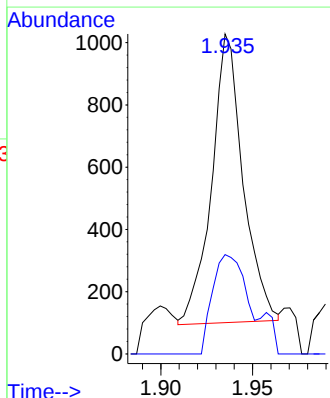
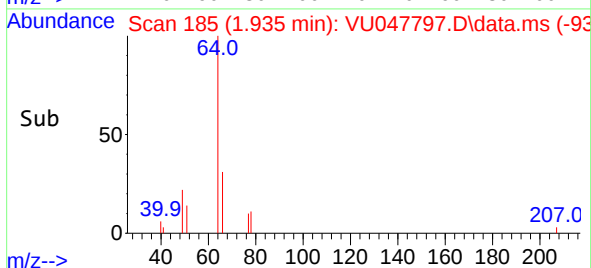
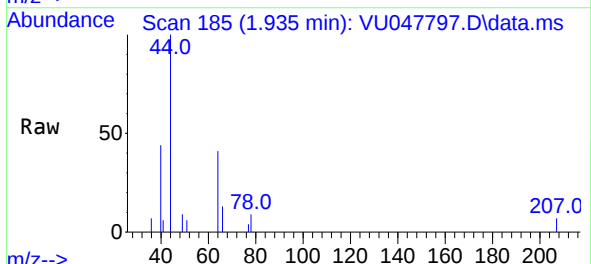
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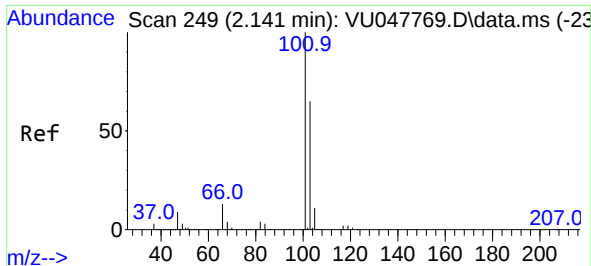
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#6
Chloroethane
Concen: 0.515 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

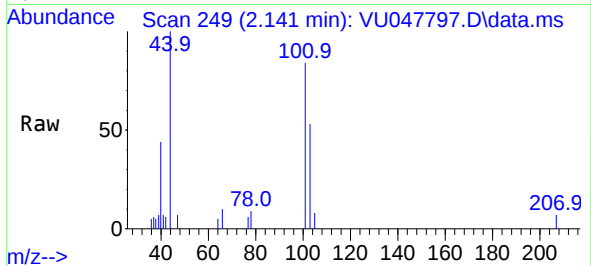
Tgt Ion: 64 Resp: 1104
Ion Ratio Lower Upper
64 100
66 34.7 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 0.561 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU047797.D
 Acq: 02 Apr 2022 13:46

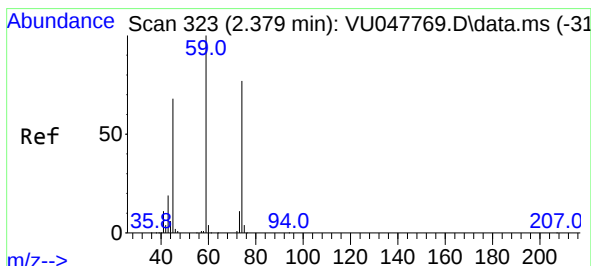
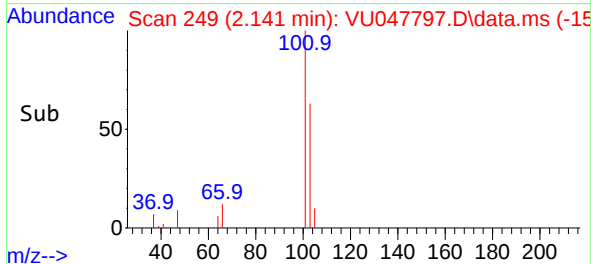
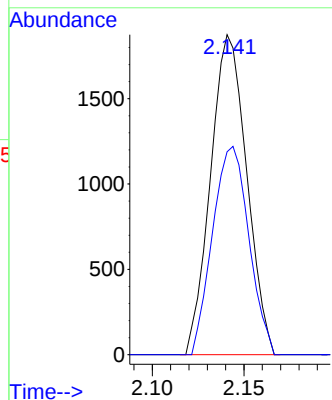
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05 0.5ppb



Tgt Ion: 101 Resp: 2572
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.6 75.8

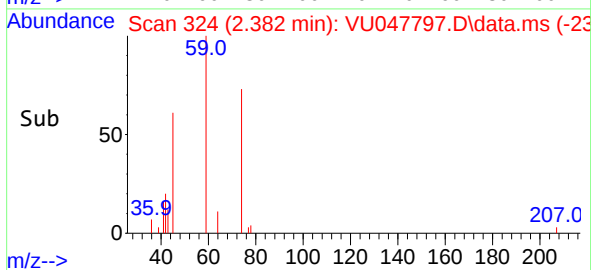
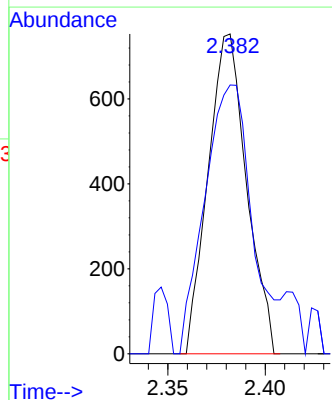
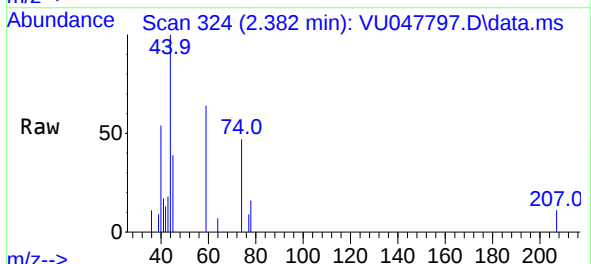
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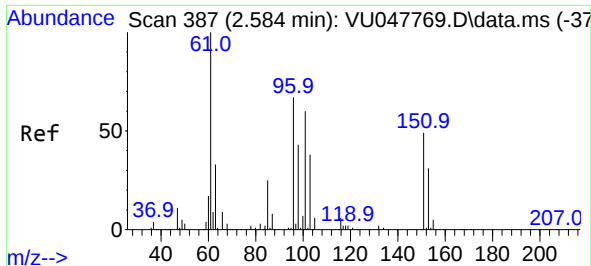
Reviewed By : John Carlone 04/04/2022
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#8
 Diethyl Ether
 Concen: 0.590 ug/l
 RT: 2.382 min Scan# 324
 Delta R.T. 0.003 min
 Lab File: VU047797.D
 Acq: 02 Apr 2022 13:46

Tgt Ion: 74 Resp: 1035
 Ion Ratio Lower Upper
 74 100
 45 101.5 44.4 133.2





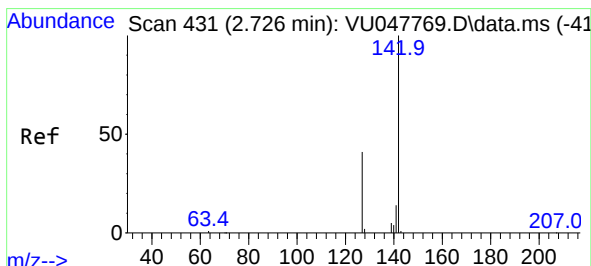
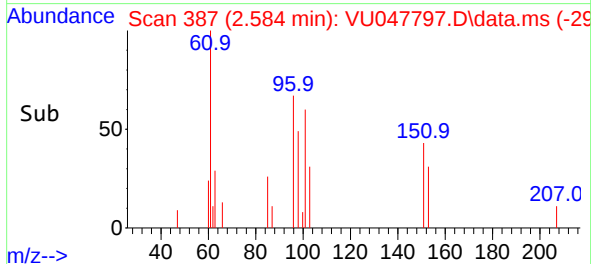
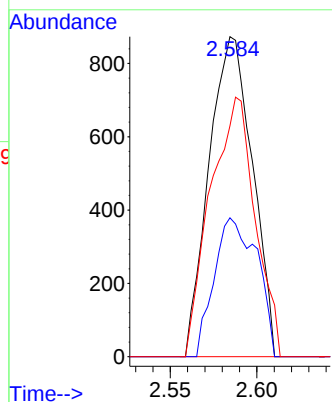
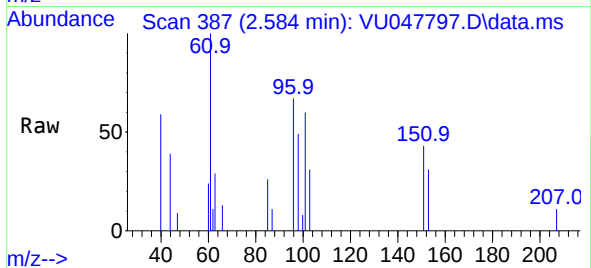
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.555 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb

Tgt Ion:101 Resp: 152
Ion Ratio Lower Upper
101 100
85 42.8 33.9 50.9
151 83.5 64.0 96.0

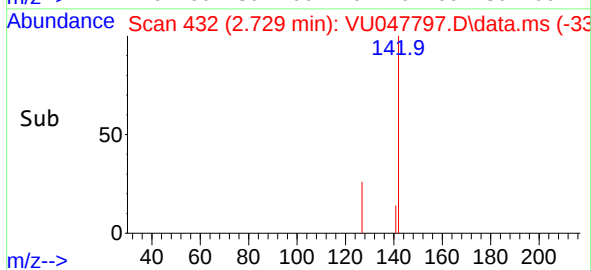
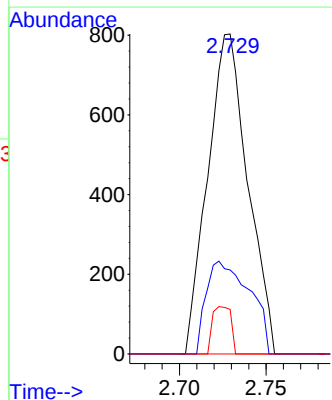
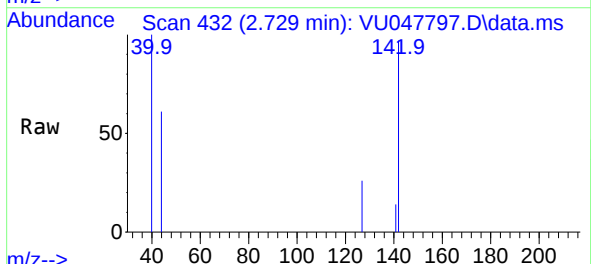
Manual Integrations
APPROVED

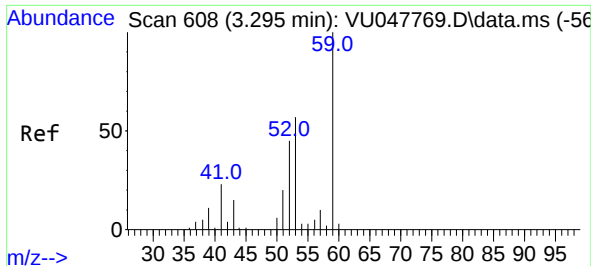
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#10
Methyl Iodide
Concen: 0.488 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

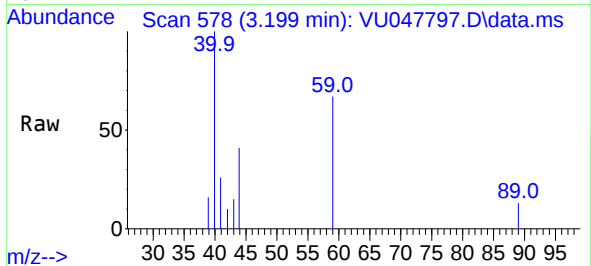
Tgt Ion:142 Resp: 1290
Ion Ratio Lower Upper
142 100
127 31.4 32.5 48.7#
141 6.8 11.4 17.0#





#11
Tert butyl alcohol
Concen: 2.577 ug/l m
RT: 3.199 min Scan# 51
Delta R.T. -0.096 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

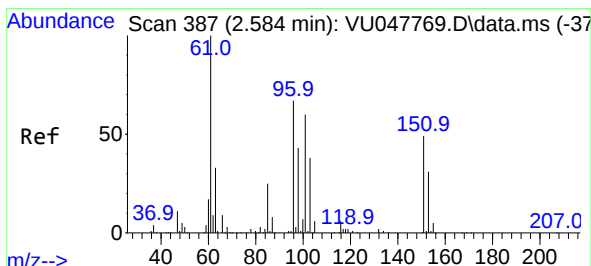
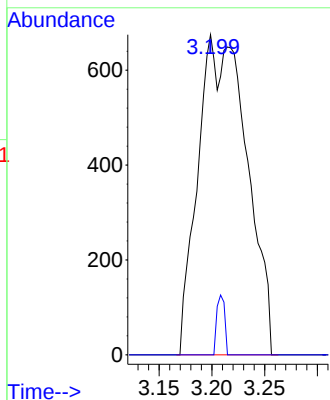
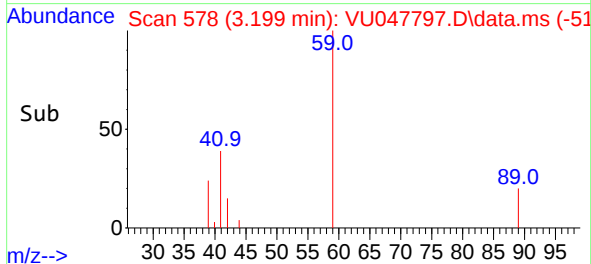
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 59 Resp: 2160
Ion Ratio Lower Upper
59 100
57 3.0 30.6 45.8

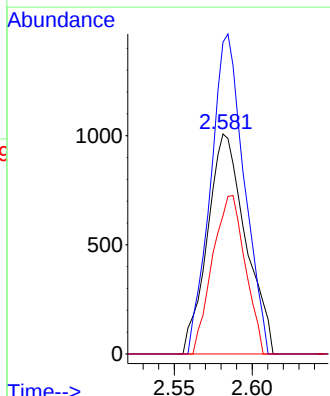
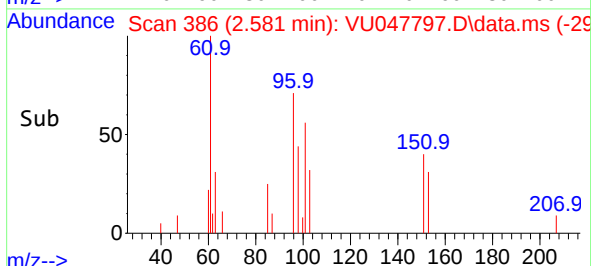
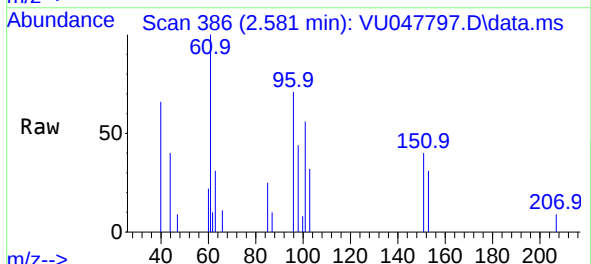
Manual Integrations
APPROVED

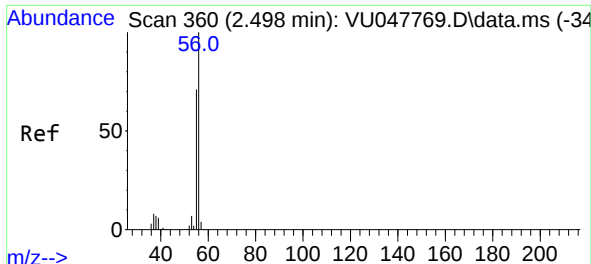
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#12
1,1-Dichloroethene
Concen: 0.641 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

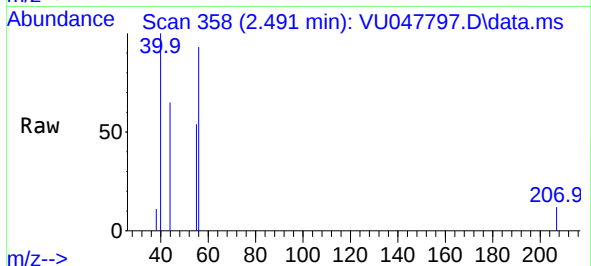
Tgt Ion: 96 Resp: 1715
Ion Ratio Lower Upper
96 100
61 141.8 122.2 183.2
98 62.8 50.7 76.1





#13
Acrolein
Concen: 3.189 ug/l
RT: 2.491 min Scan# 358
Delta R.T. -0.007 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

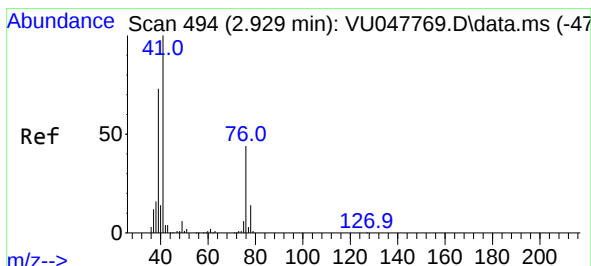
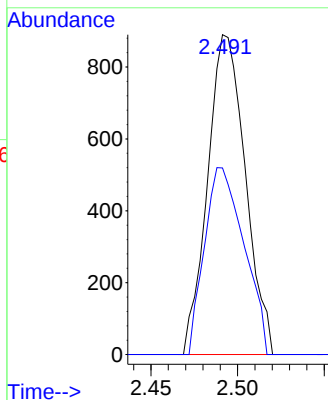
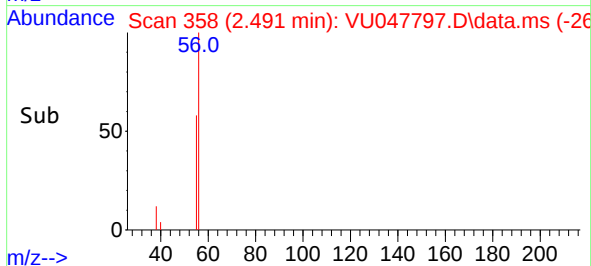
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



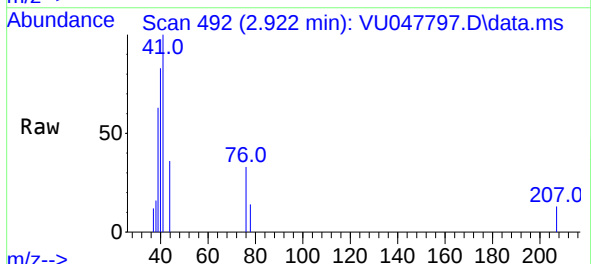
Tgt Ion: 56 Resp: 1350
Ion Ratio Lower Upper
56 100
55 61.2 56.6 85.0

Manual Integrations
APPROVED

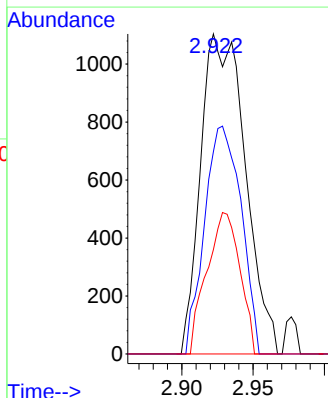
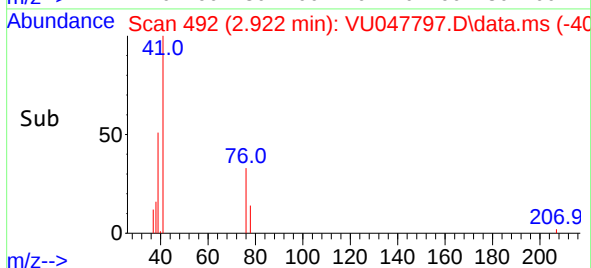
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

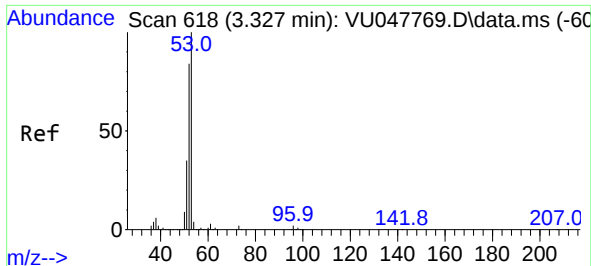


#14
Allyl chloride
Concen: 0.632 ug/l m
RT: 2.922 min Scan# 492
Delta R.T. -0.007 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



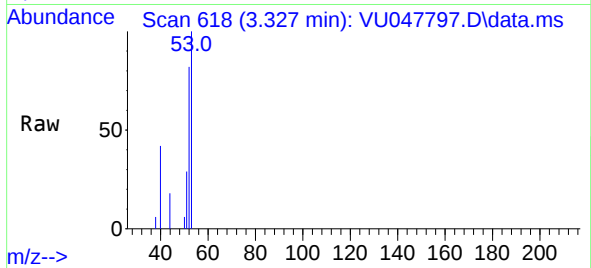
Tgt Ion: 41 Resp: 2403
Ion Ratio Lower Upper
41 100
39 58.4 53.4 80.2
76 32.8 33.8 50.6





#15
Acrylonitrile
Concen: 2.518 ug/l
RT: 3.327 min Scan# 618
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

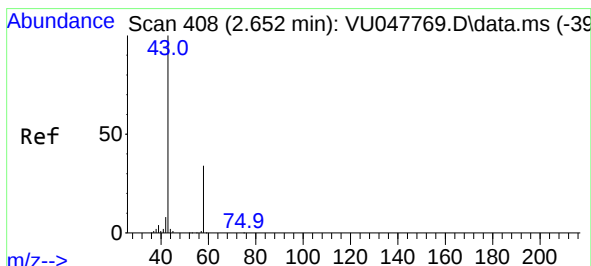
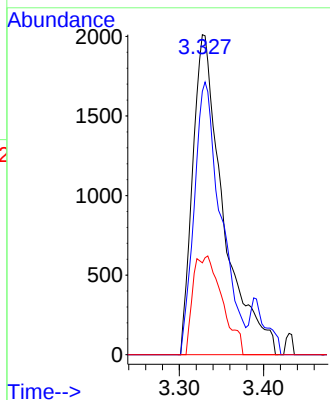
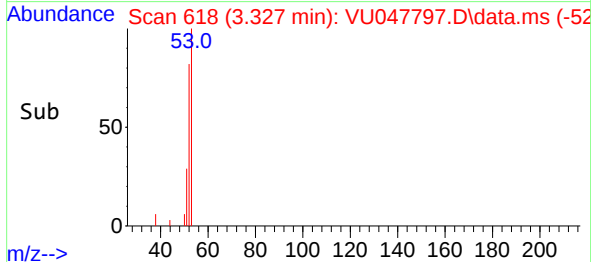
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 53 Resp: 5078
Ion Ratio Lower Upper
53 100
52 74.9 65.7 98.5
51 29.3 28.2 42.4

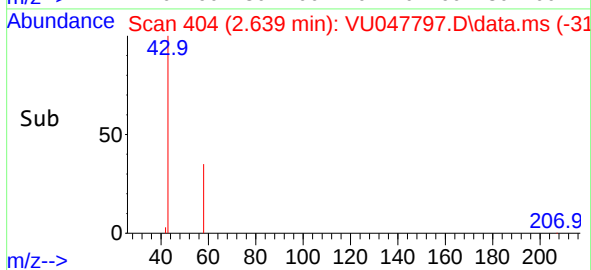
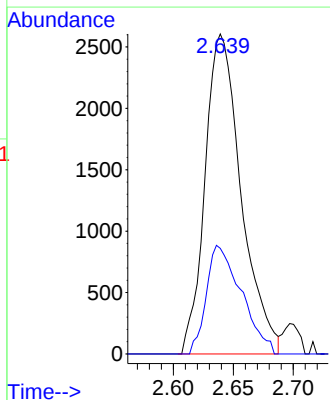
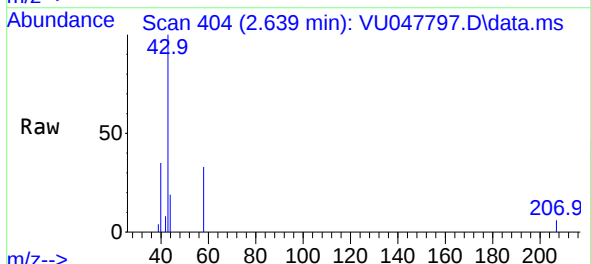
Manual Integrations
APPROVED

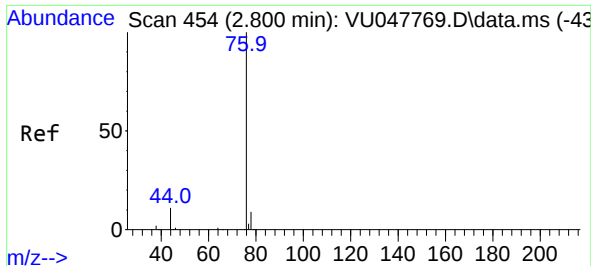
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#16
Acetone
Concen: 2.501 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.013 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

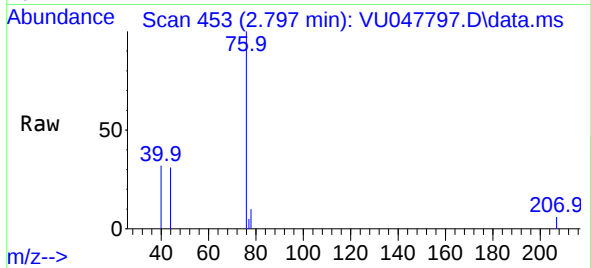
Tgt Ion: 43 Resp: 5469
Ion Ratio Lower Upper
43 100
58 33.0 27.5 41.3





#17
Carbon Disulfide
Concen: 0.594 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

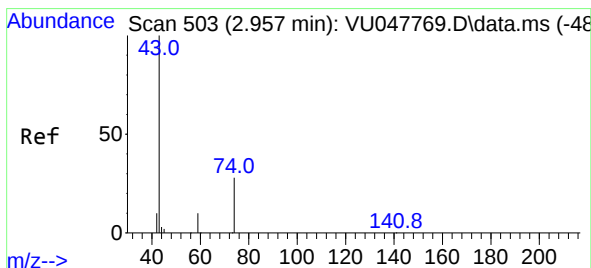
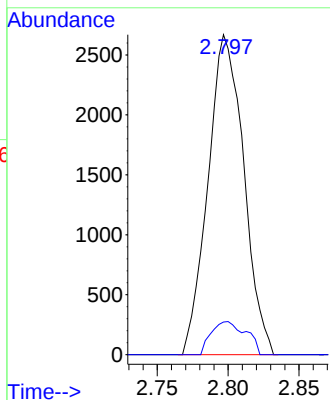
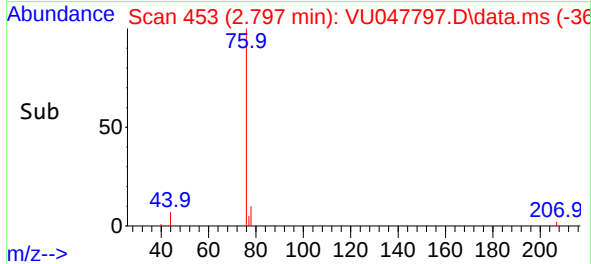
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 76 Resp: 4680
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9

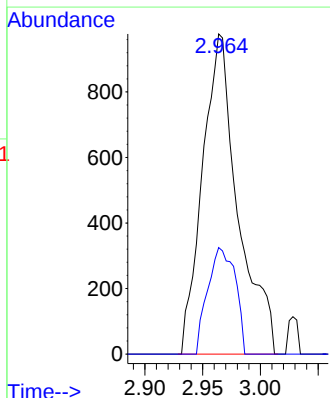
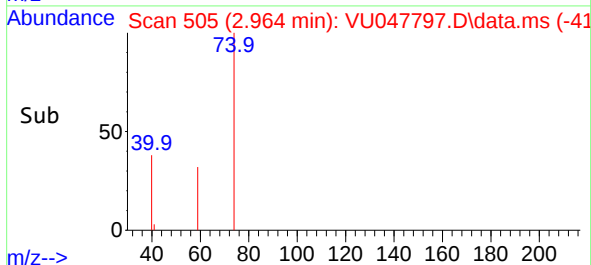
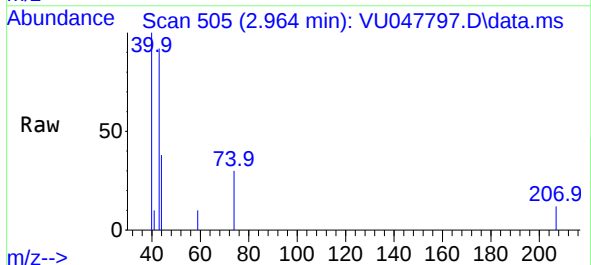
Manual Integrations
APPROVED

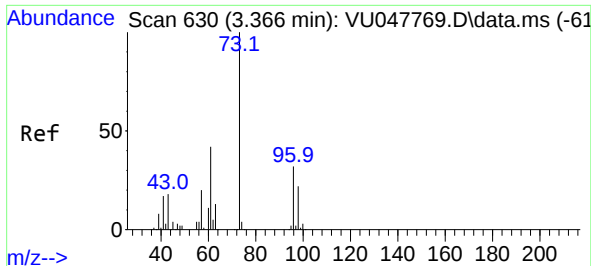
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#18
Methyl Acetate
Concen: 0.509 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

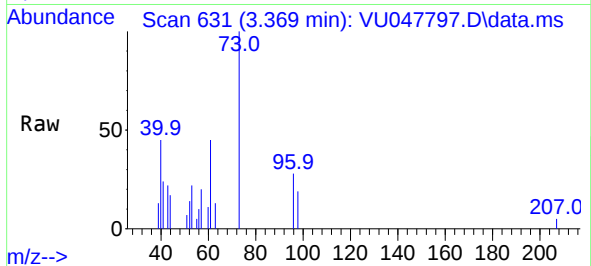
Tgt Ion: 43 Resp: 2084
Ion Ratio Lower Upper
43 100
74 25.8 22.5 33.7





#19
Methyl tert-butyl Ether
Concen: 0.511 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

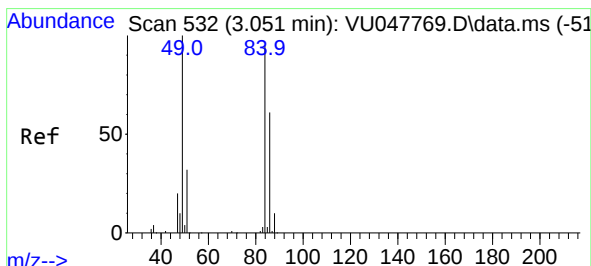
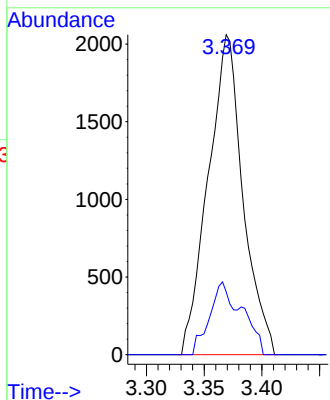
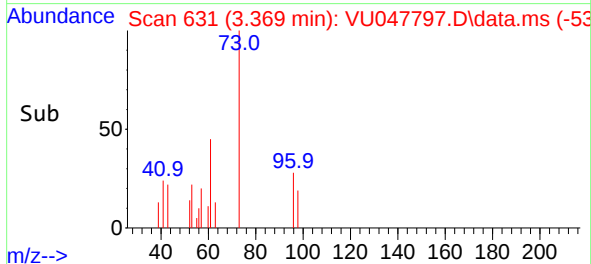
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 73 Resp: 4300
Ion Ratio Lower Upper
73 100
57 19.7 17.1 25.7

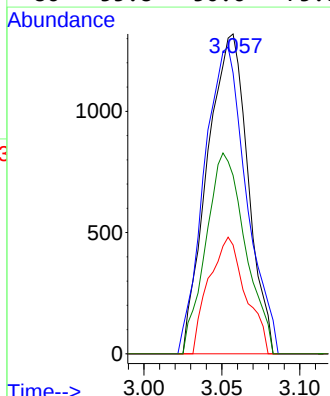
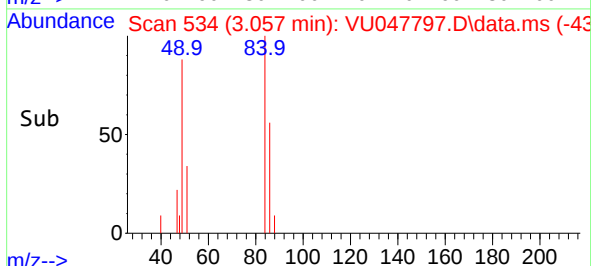
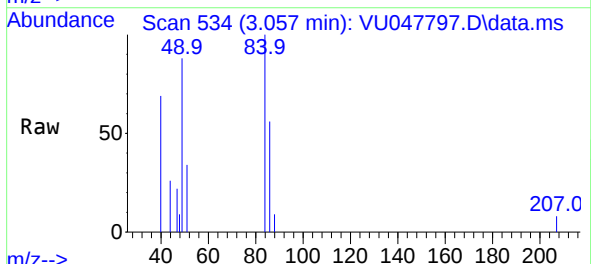
Manual Integrations
APPROVED

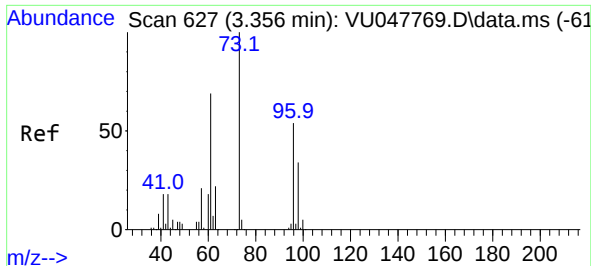
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#20
Methylene Chloride
Concen: 0.736 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

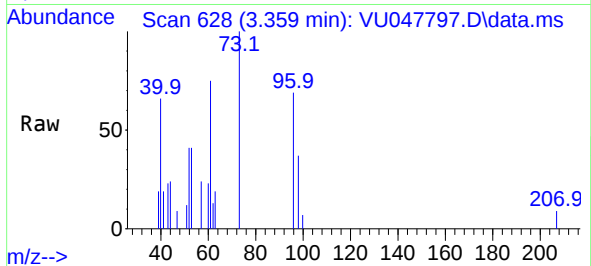
Tgt Ion: 84 Resp: 2390
Ion Ratio Lower Upper
84 100
49 87.8 86.6 129.8
51 34.0 26.6 40.0
86 55.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 0.563 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

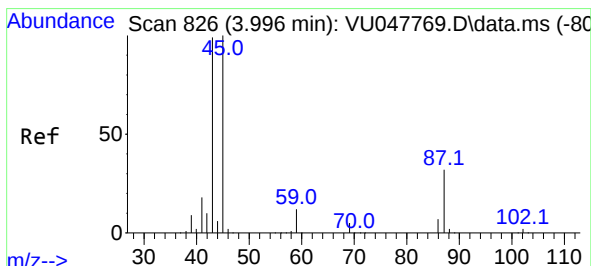
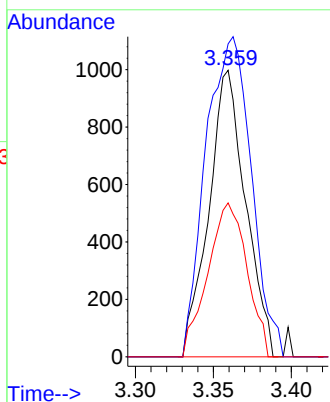
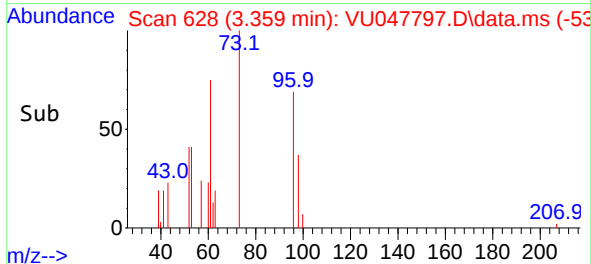
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



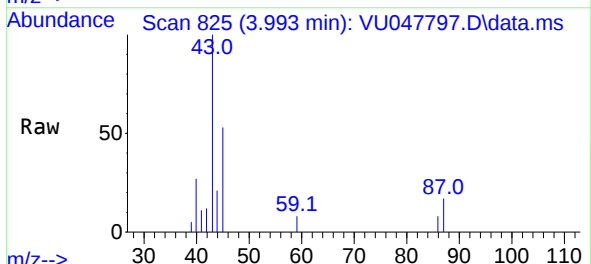
Tgt Ion: 96 Resp: 164
Ion Ratio Lower Upper
96 100
61 109.2 106.1 159.1
98 53.7 50.8 76.2

Manual Integrations
APPROVED

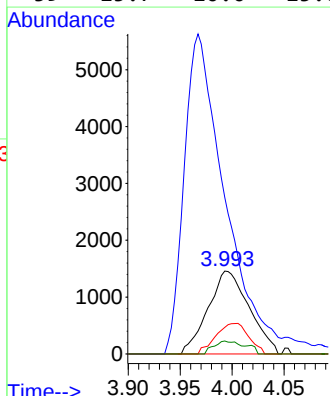
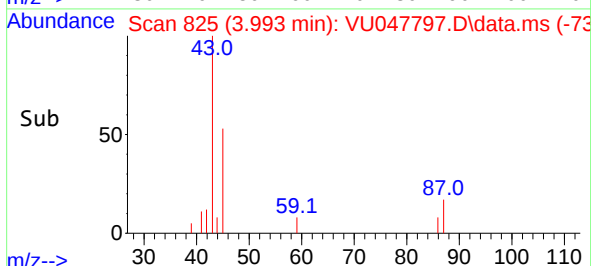
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

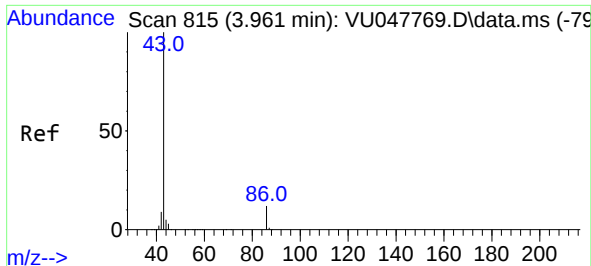


#22
Diisopropyl ether
Concen: 0.532 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



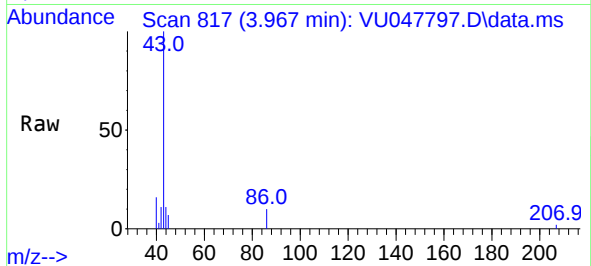
Tgt Ion: 45 Resp: 4021
Ion Ratio Lower Upper
45 100
43 169.3 92.9 139.3#
87 32.1 26.2 39.2
59 15.7 10.0 15.0#





#23
 Vinyl Acetate
 Concen: 2.358 ug/l m
 RT: 3.967 min Scan# 817
 Delta R.T. 0.006 min
 Lab File: VU047797.D
 Acq: 02 Apr 2022 13:46

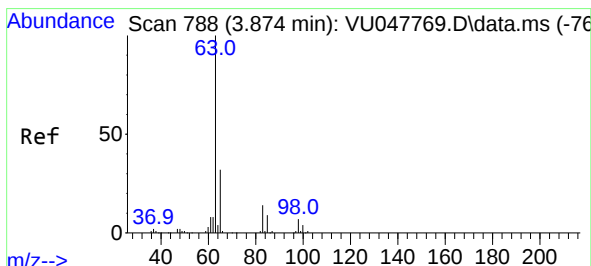
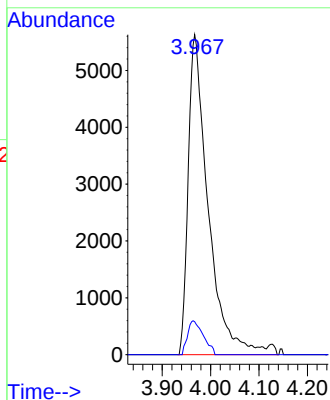
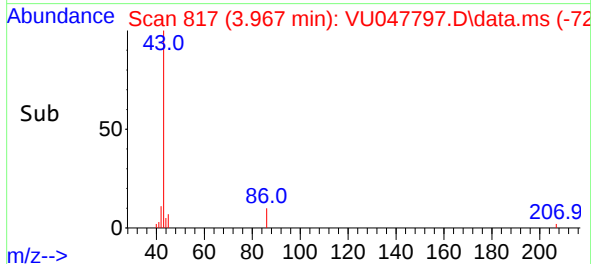
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05 0.5ppb



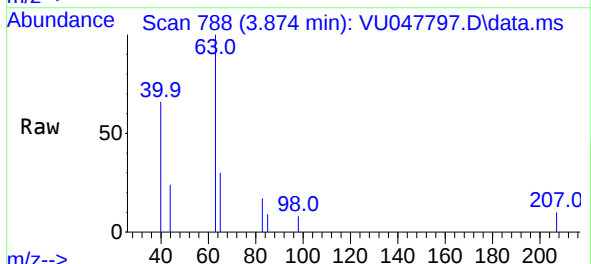
Tgt Ion: 43 Resp: 1617
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.8 14.8

Manual Integrations
 APPROVED

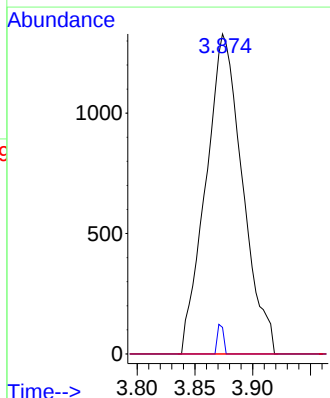
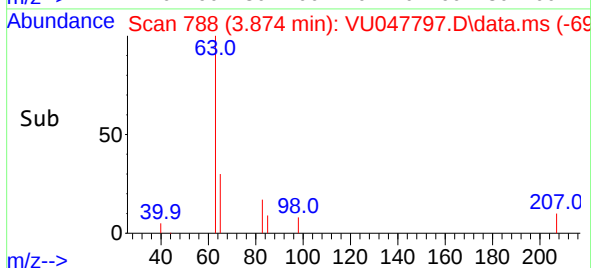
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

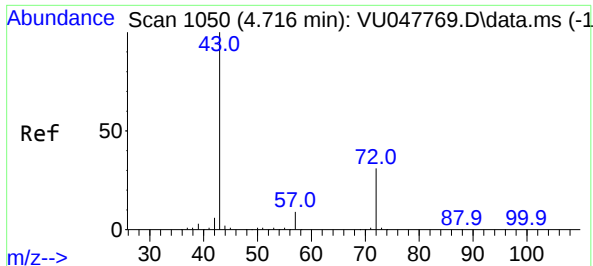


#24
 1,1-Dichloroethane
 Concen: 0.589 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU047797.D
 Acq: 02 Apr 2022 13:46



Tgt Ion: 63 Resp: 2929
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.9
 100 0.0 2.4 7.2#





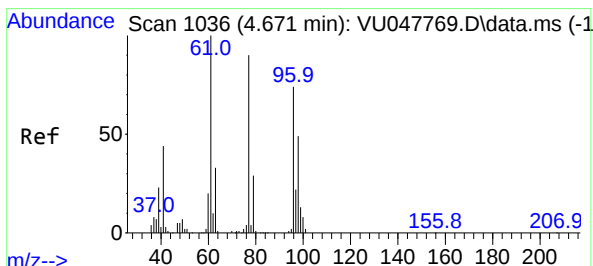
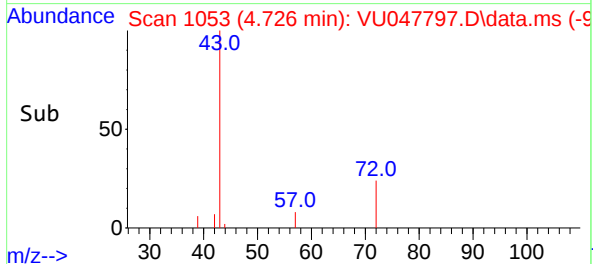
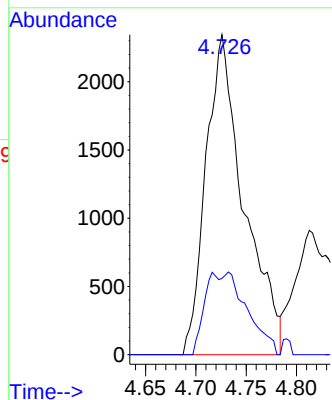
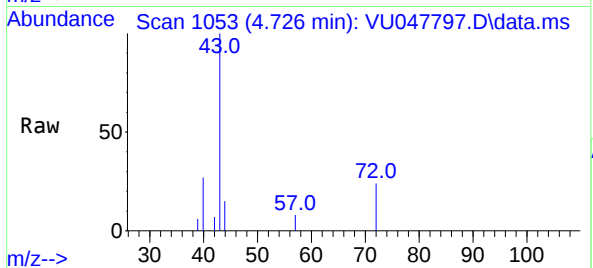
#25
2-Butanone
Concen: 2.241 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb

Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
72 23.8 23.8 35.6

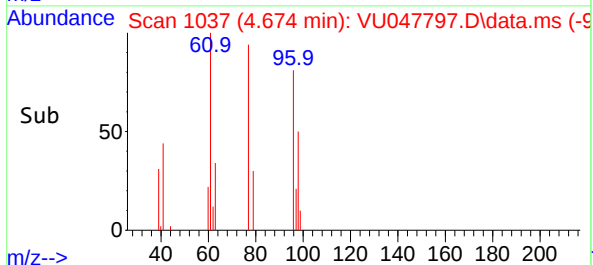
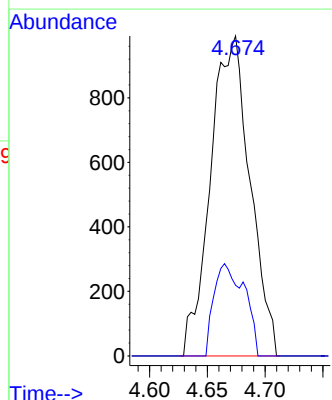
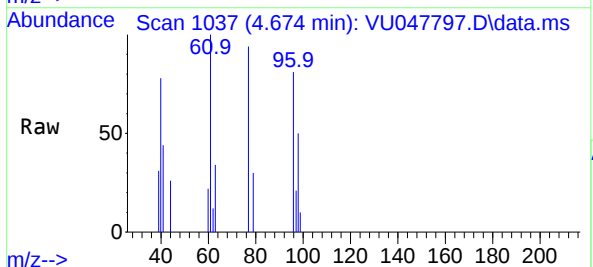
Manual Integrations
APPROVED

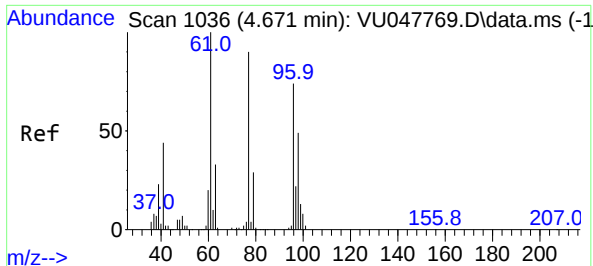
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#26
2,2-Dichloropropane
Concen: 0.534 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

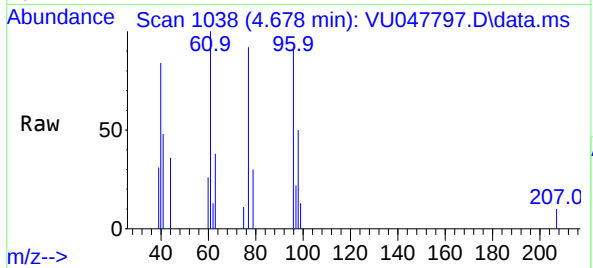
Tgt Ion: 77 Resp: 2354
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 0.536 ug/l
RT: 4.678 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

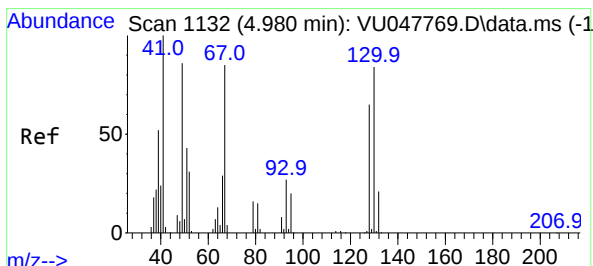
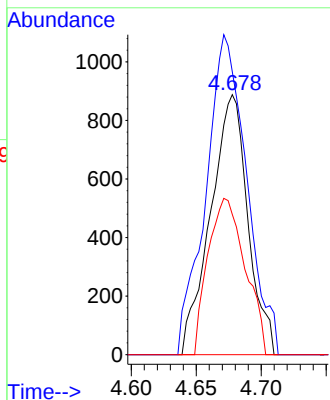
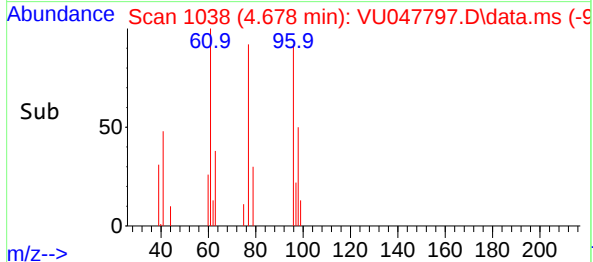
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 96 Resp: 177
Ion Ratio Lower Upper
96 100
61 134.4 0.0 271.6
98 59.8 0.0 128.2

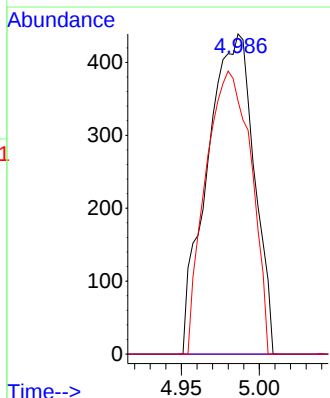
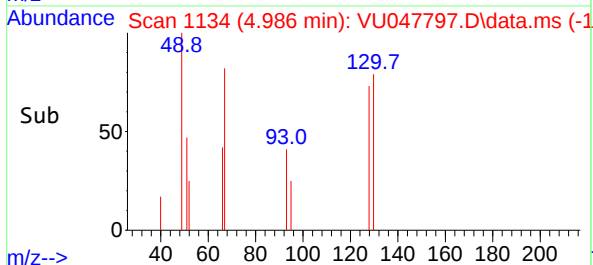
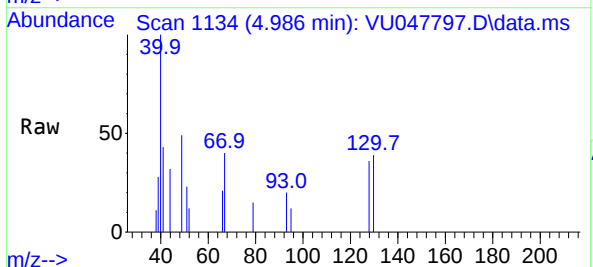
Manual Integrations
APPROVED

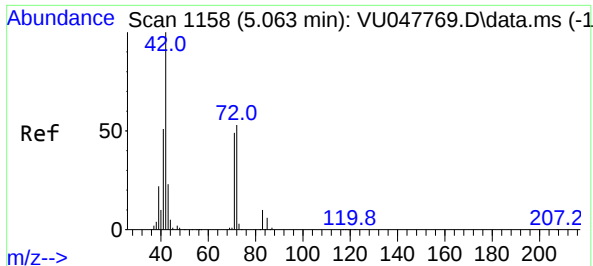
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#28
Bromochloromethane
Concen: 0.516 ug/l
RT: 4.986 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Tgt Ion: 49 Resp: 918
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 85.3 76.9 115.3





#29
Tetrahydrofuran
Concen: 2.566 ug/l
RT: 5.073 min Scan# 1158
Delta R.T. 0.010 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

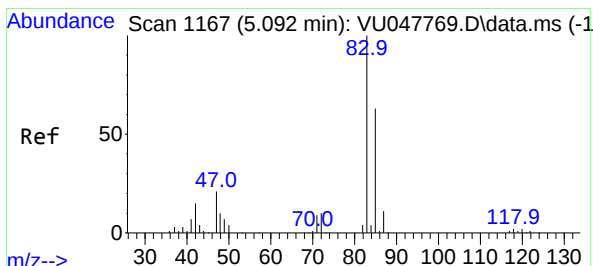
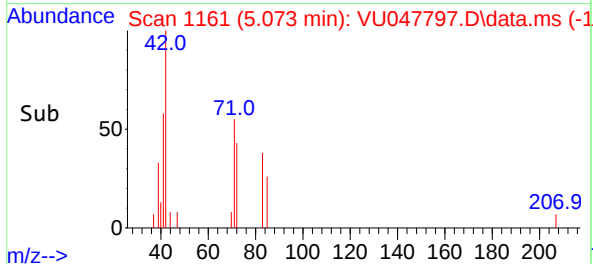
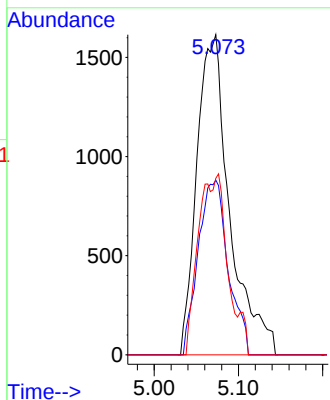
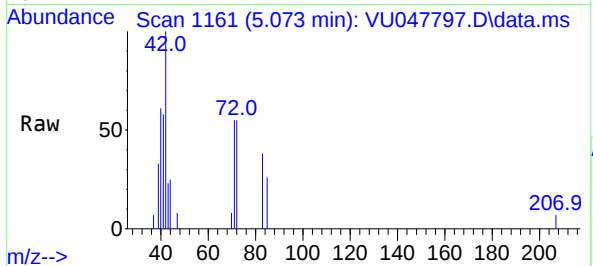
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb

Tgt Ion: 42 Resp: 437

Ion	Ratio	Lower	Upper
42	100		
72	49.8	42.6	63.8
71	23.8	40.3	60.5

Manual Integrations
APPROVED

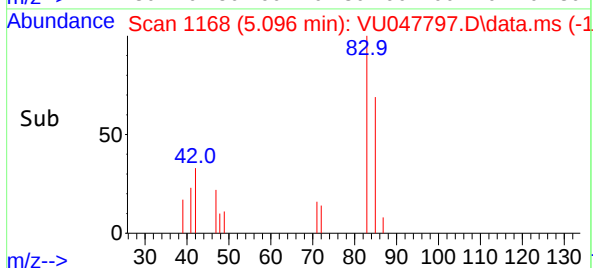
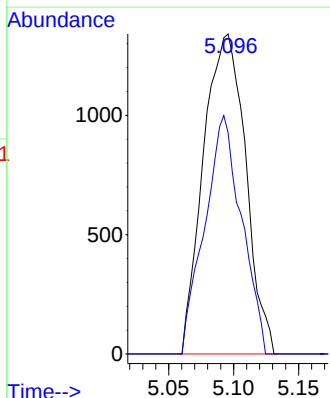
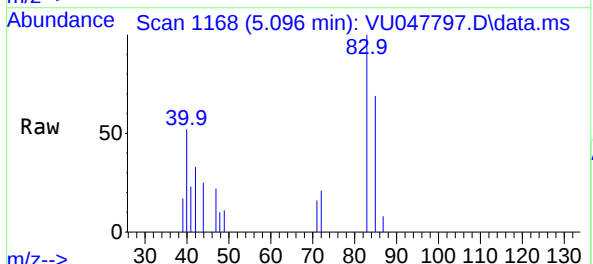
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

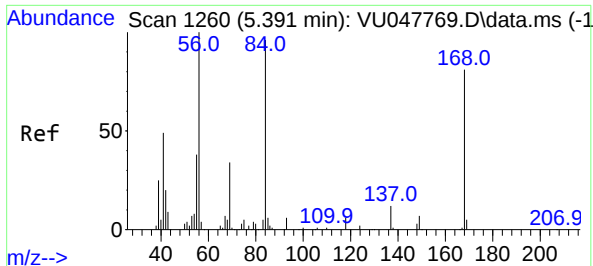


#30
Chloroform
Concen: 0.565 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Tgt Ion: 83 Resp: 3026

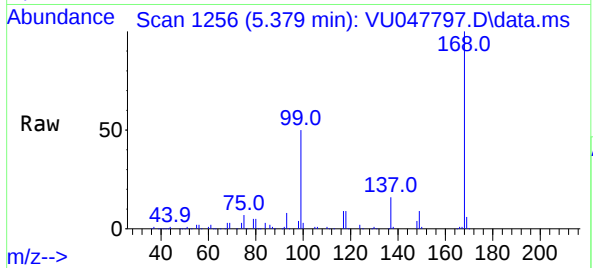
Ion	Ratio	Lower	Upper
83	100		
85	69.1	51.2	76.8





#31
Cyclohexane
Concen: 1.576 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

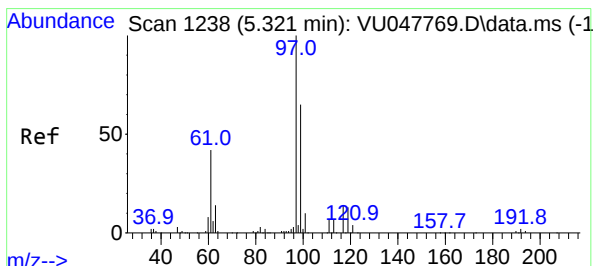
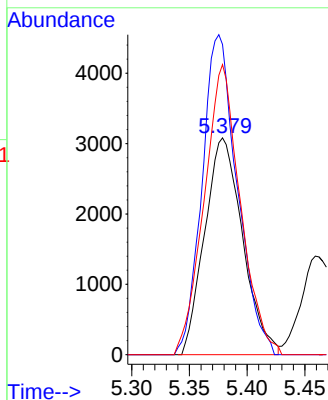
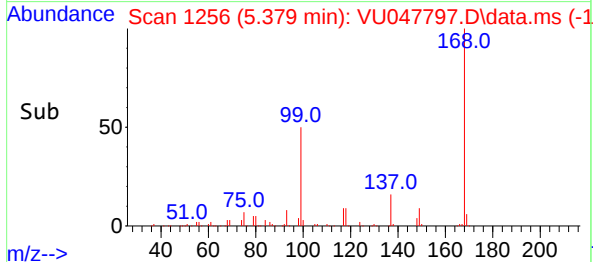
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



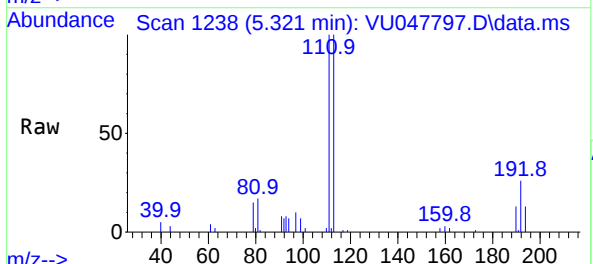
Tgt Ion: 56 Resp: 705
Ion Ratio Lower Upper
56 100
69 143.1 27.8 41.8
84 129.9 74.2 111.4

Manual Integrations
APPROVED

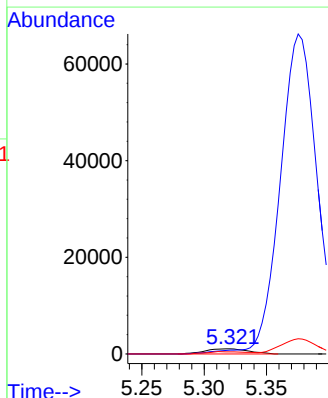
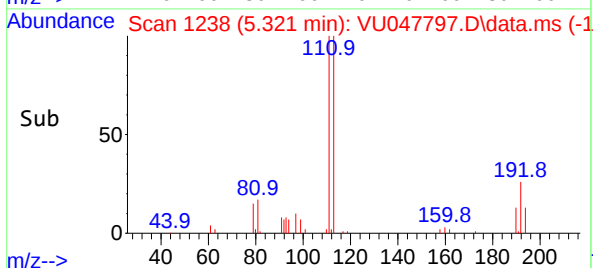
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

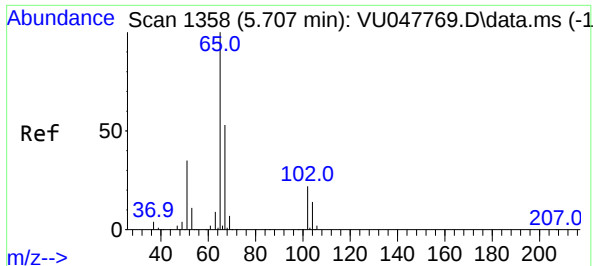


#32
1,1,1-Trichloroethane
Concen: 0.558 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



Tgt Ion: 97 Resp: 2579
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 57.632 ug/l

RT: 5.703 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

MDL05 0.5ppb

Tgt Ion: 65 Resp: 17287

Ion Ratio Lower Upper

65 100

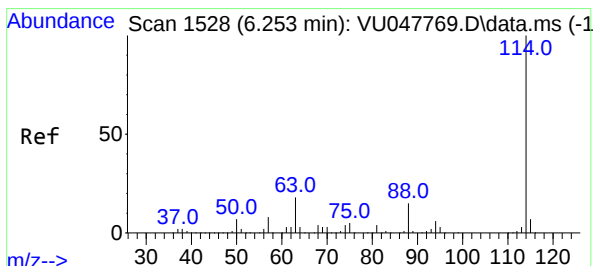
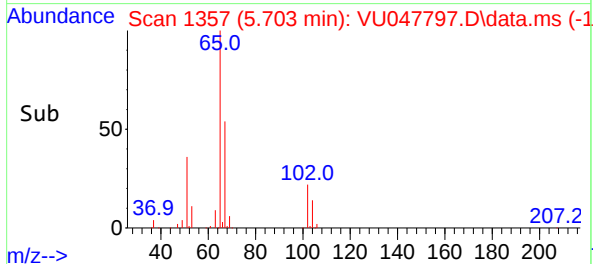
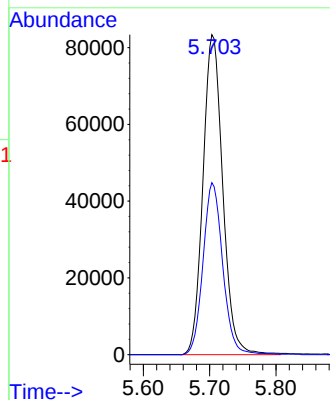
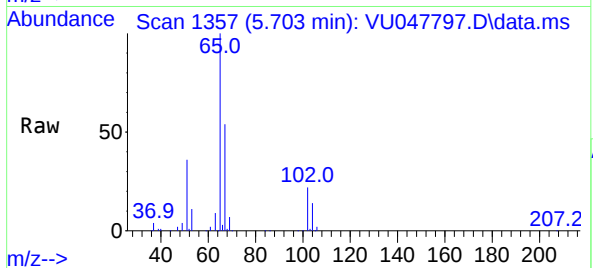
67 53.5 0.0 108.0

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: VU047797.D

Acq: 02 Apr 2022 13:46

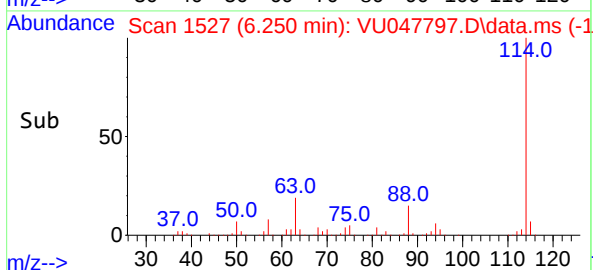
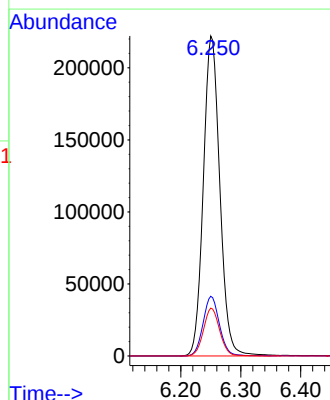
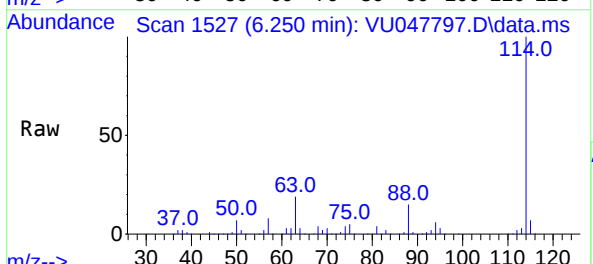
Tgt Ion:114 Resp: 425675

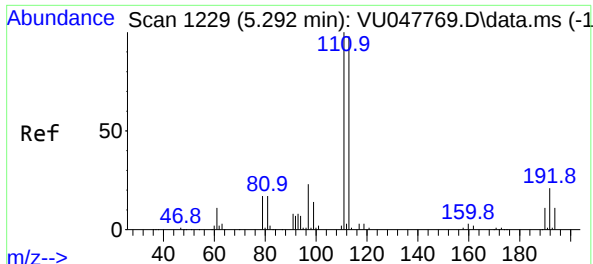
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

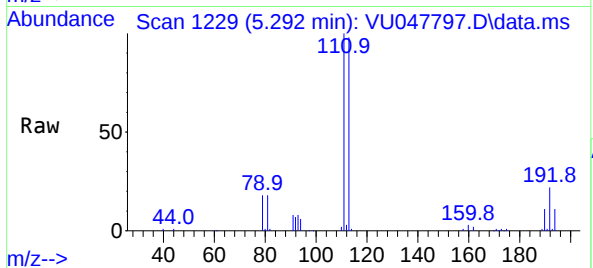
88 14.9 0.0 29.2





#35
Dibromofluoromethane
Concen: 54.088 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

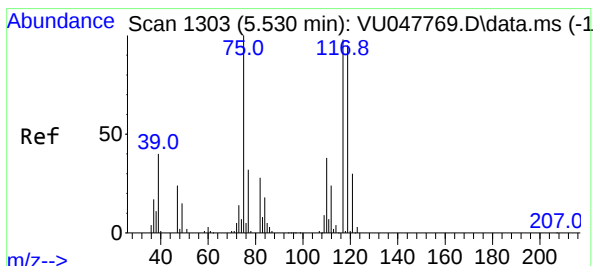
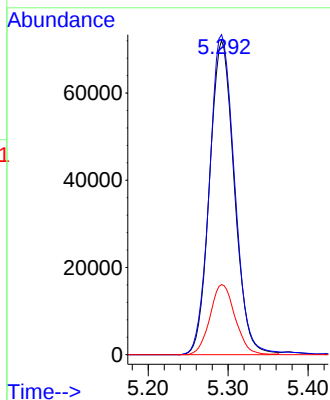
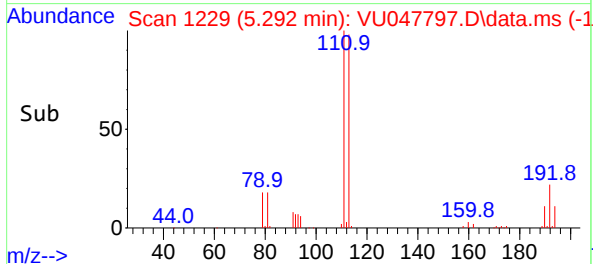
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



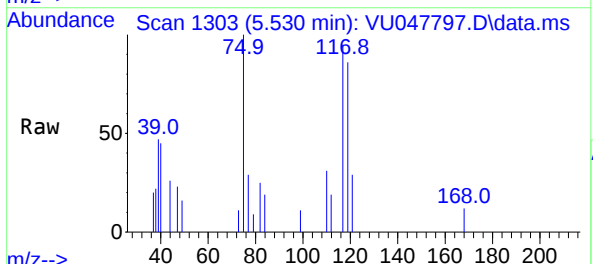
Tgt Ion:113 Resp: 154400
Ion Ratio Lower Upper
113 100
111 104.2 82.1 123.1
192 22.6 18.0 27.0

Manual Integrations
APPROVED

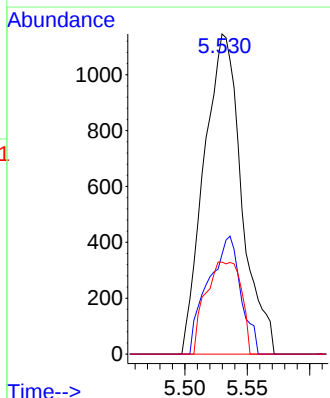
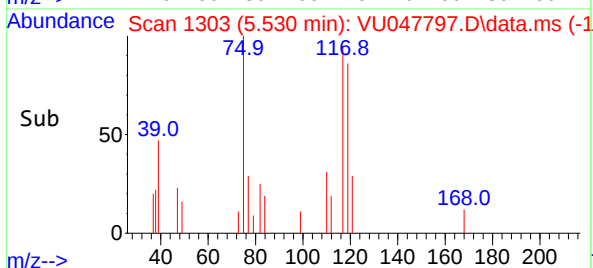
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

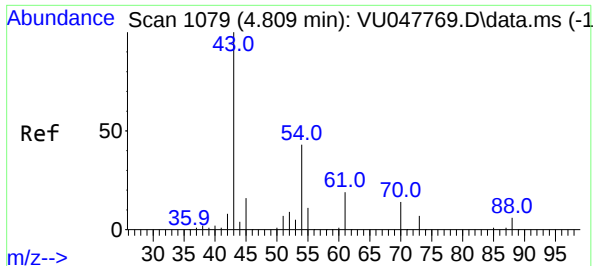


#36
1,1-Dichloropropene
Concen: 0.595 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



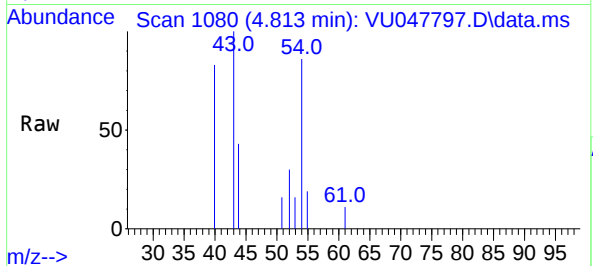
Tgt Ion: 75 Resp: 2398
Ion Ratio Lower Upper
75 100
110 32.1 18.4 55.2
77 27.1 25.1 37.7





#37
Ethyl Acetate
Concen: 0.572 ug/l m
RT: 4.813 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

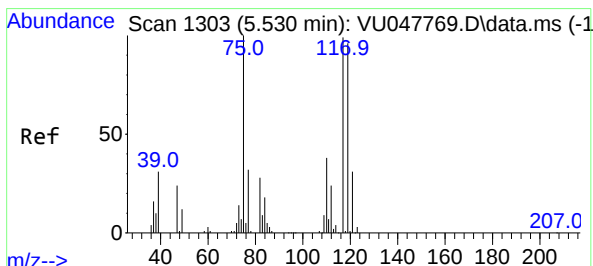
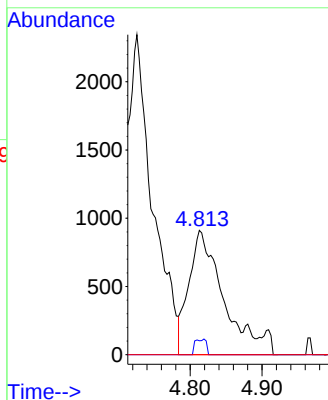
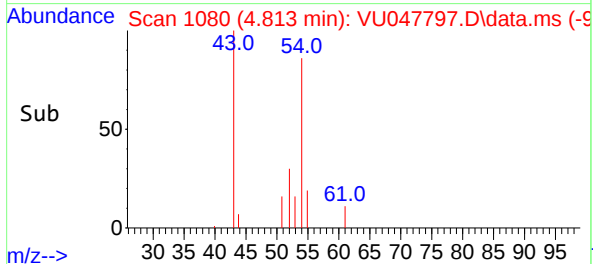
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 43 Resp: 3102
Ion Ratio Lower Upper
43 100
61 3.9 9.5 14.3
70 0.0 7.5 11.3

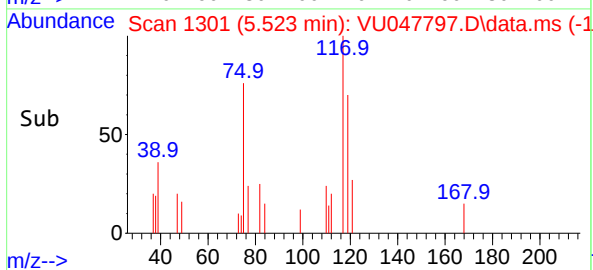
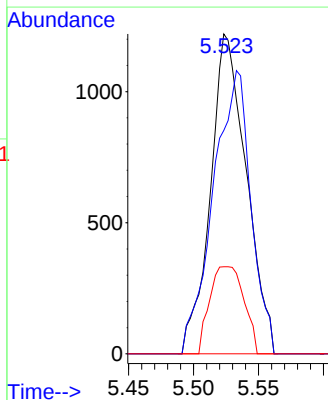
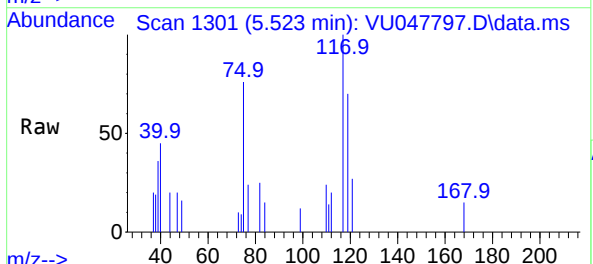
Manual Integrations
APPROVED

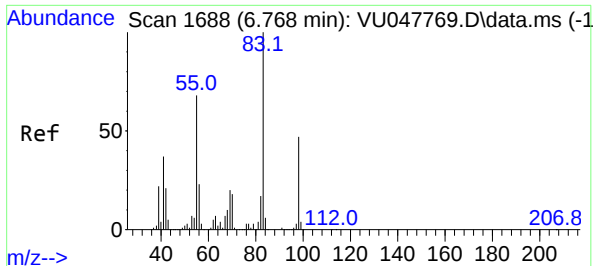
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#38
Carbon Tetrachloride
Concen: 0.545 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.006 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Tgt Ion:117 Resp: 2343
Ion Ratio Lower Upper
117 100
119 69.8 76.8 115.2#
121 27.2 24.7 37.1





#39

Methylcyclohexane

Concen: 0.467 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047797.D

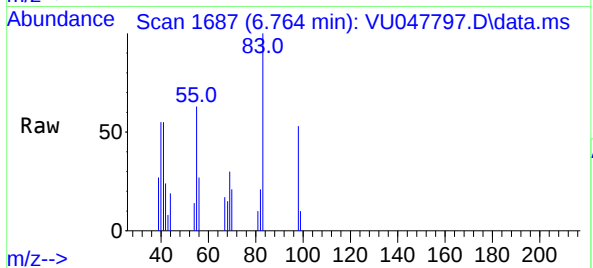
Acq: 02 Apr 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

MDL05 0.5ppb



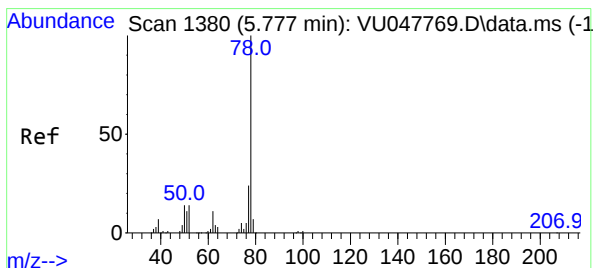
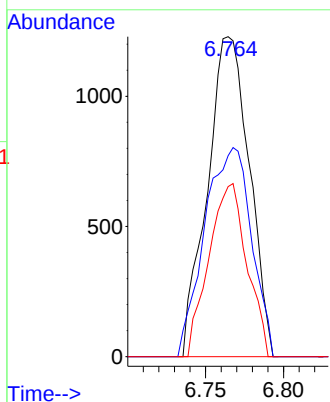
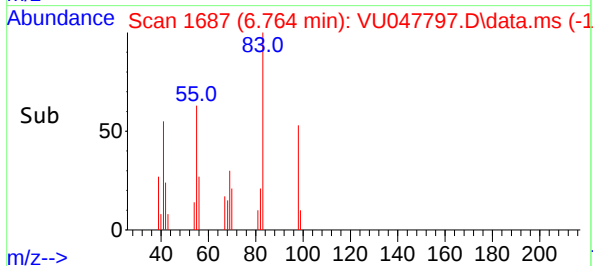
Tgt Ion:	83	Resp:	230
Ion	Ratio	Lower	Upper
83	100		
55	62.8	55.3	82.9
98	53.1	37.3	55.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#40

Benzene

Concen: 0.574 ug/l

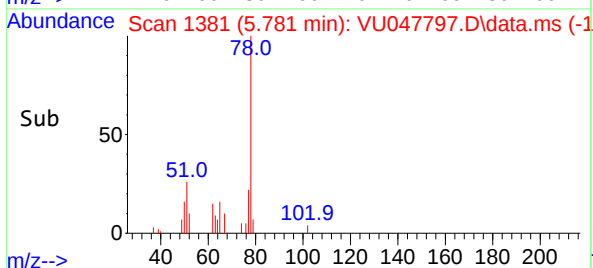
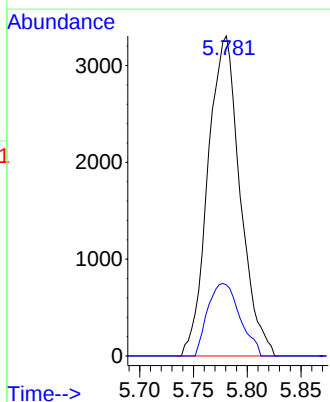
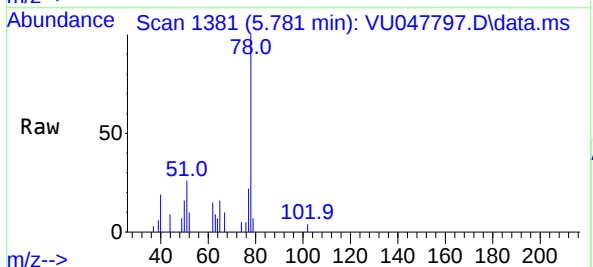
RT: 5.781 min Scan# 1381

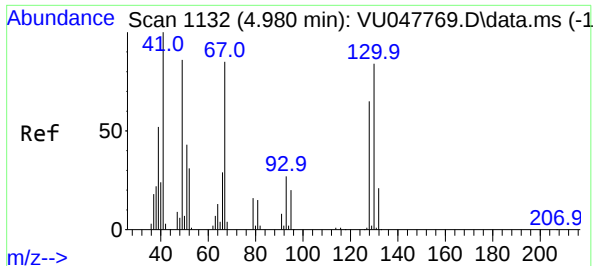
Delta R.T. 0.003 min

Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

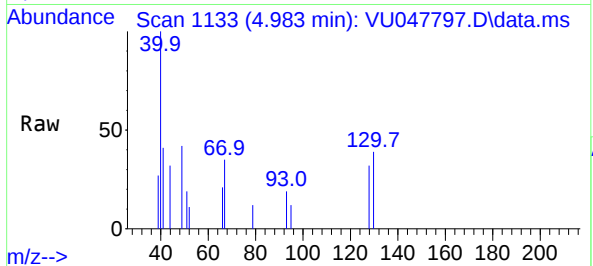
Tgt Ion:	78	Resp:	6870
Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2





#41
Methacrylonitrile
Concen: 0.364 ug/l
RT: 4.983 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

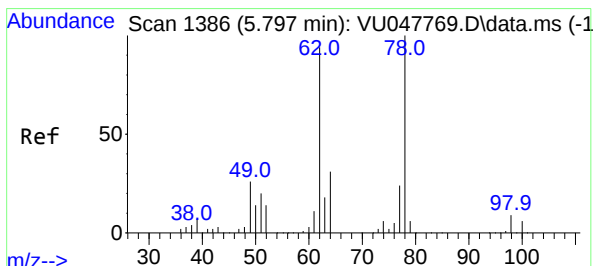
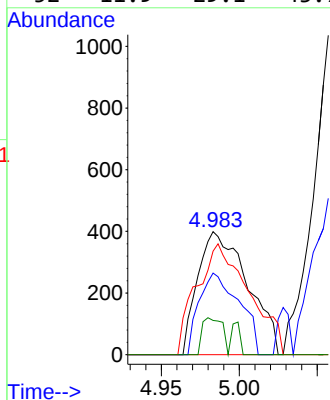
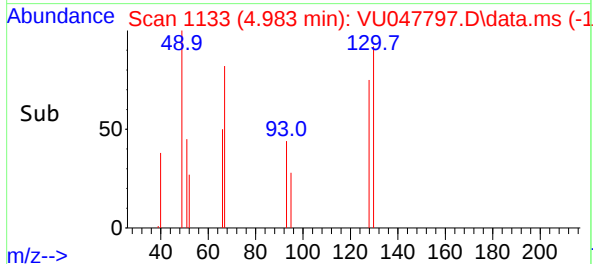
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 41 Resp: 891
Ion Ratio Lower Upper
41 100
39 53.1 43.1 64.7
67 94.5 72.3 108.5
52 11.9 29.1 43.7#

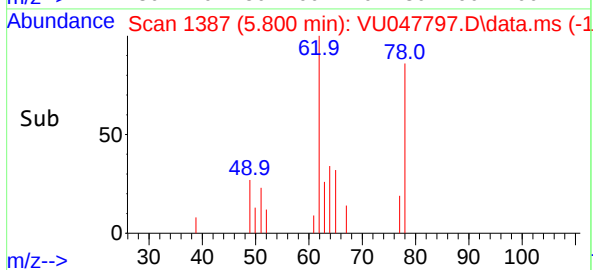
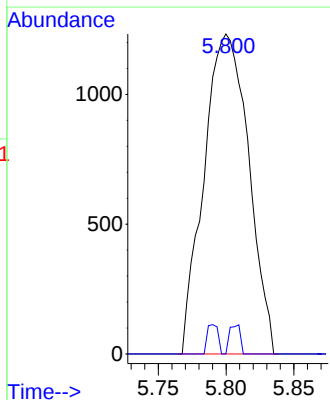
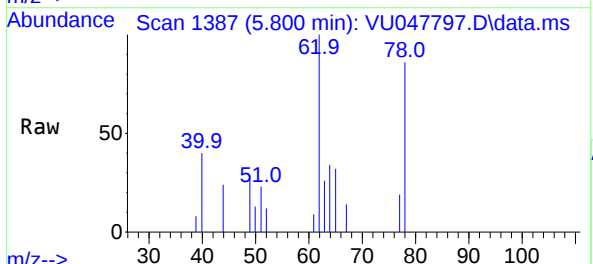
Manual Integrations
APPROVED

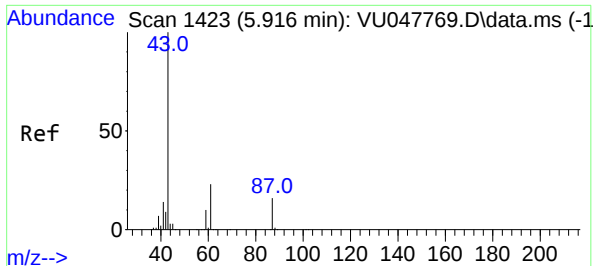
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#42
1,2-Dichloroethane
Concen: 0.677 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

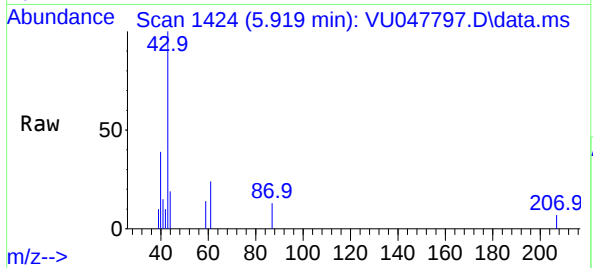
Tgt Ion: 62 Resp: 2825
Ion Ratio Lower Upper
62 100
98 2.2 0.0 18.6





#43
Isopropyl Acetate
Concen: 0.477 ug/l
RT: 5.919 min Scan# 1423
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

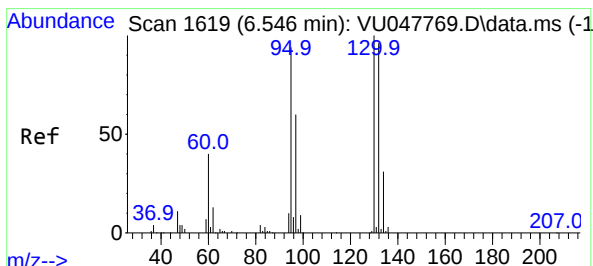
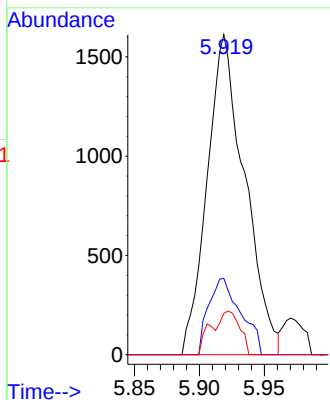
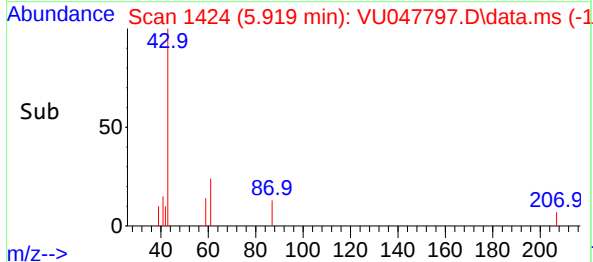
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 43 Resp: 324
Ion Ratio Lower Upper
43 100
61 20.4 17.4 26.0
87 10.2 12.6 18.8

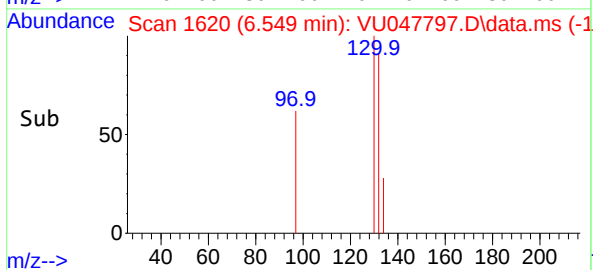
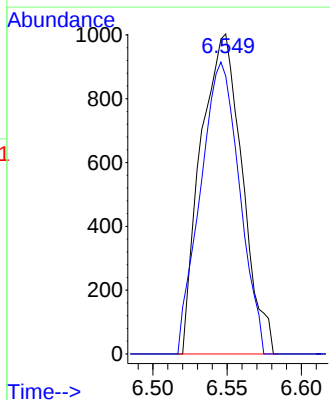
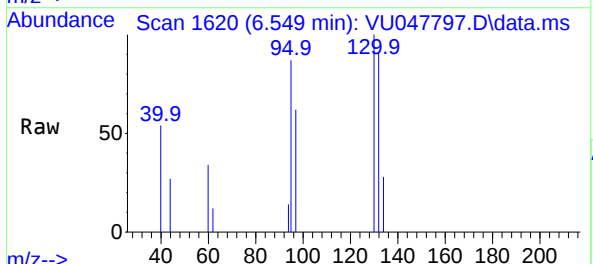
Manual Integrations
APPROVED

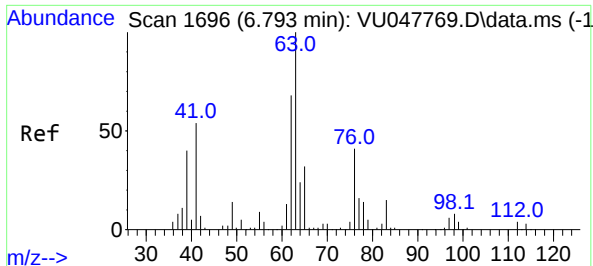
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#44
Trichloroethene
Concen: 0.559 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

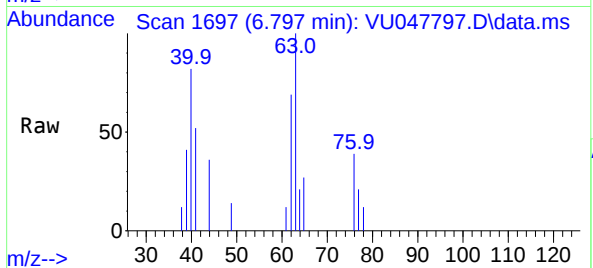
Tgt Ion:130 Resp: 1942
Ion Ratio Lower Upper
130 100
95 86.8 0.0 184.6





#45
1,2-Dichloropropane
Concen: 0.543 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

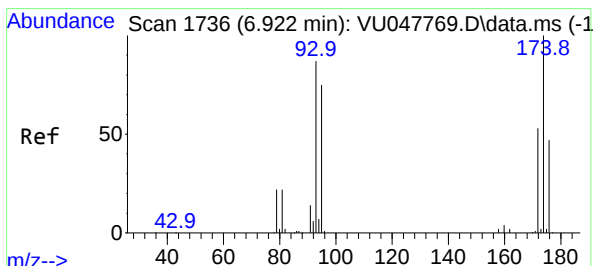
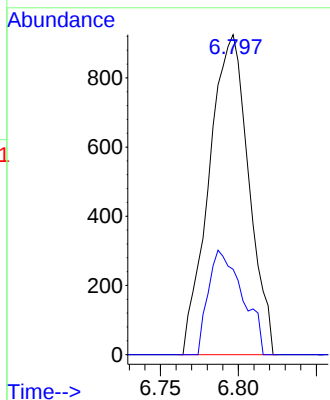
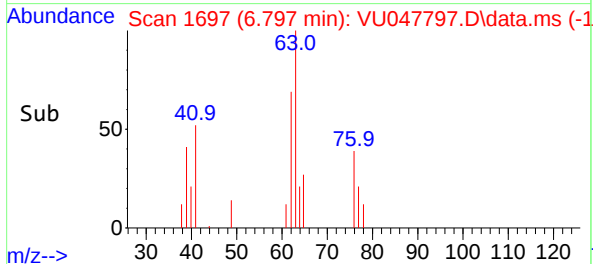
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



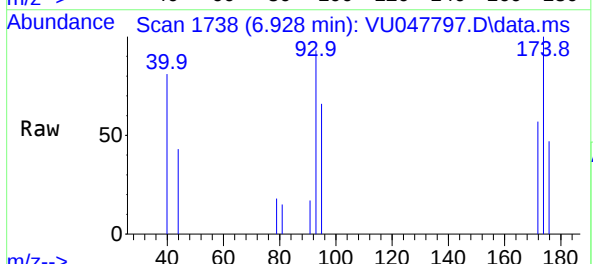
Tgt Ion: 63 Resp: 1638
Ion Ratio Lower Upper
63 100
65 26.7 25.0 37.4

Manual Integrations
APPROVED

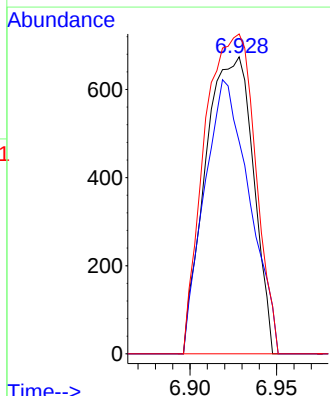
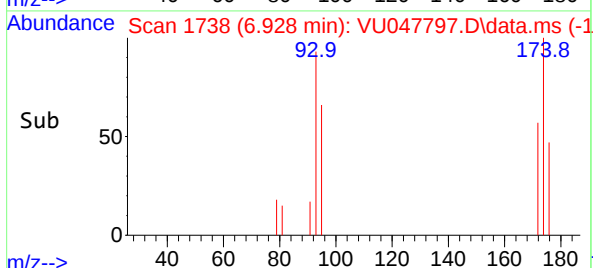
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

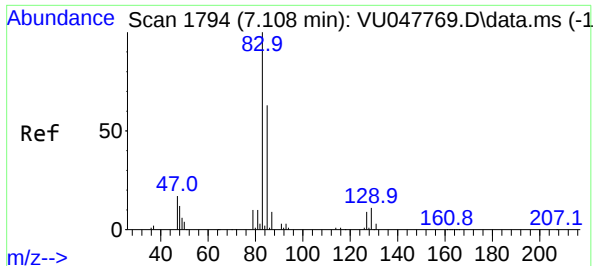


#46
Dibromomethane
Concen: 0.543 ug/l
RT: 6.928 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



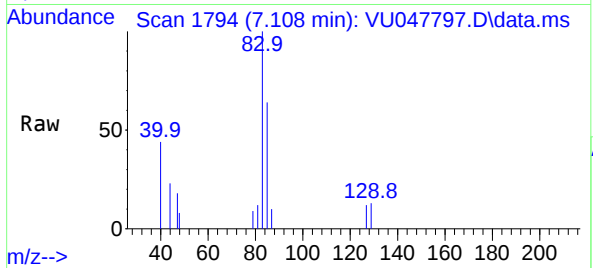
Tgt Ion: 93 Resp: 1294
Ion Ratio Lower Upper
93 100
95 87.0 66.3 99.5
174 114.2 88.2 132.4





#47
Bromodichloromethane
Concen: 0.556 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

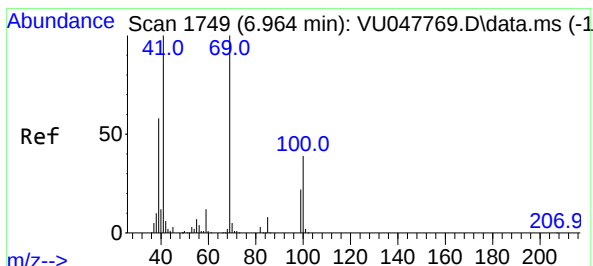
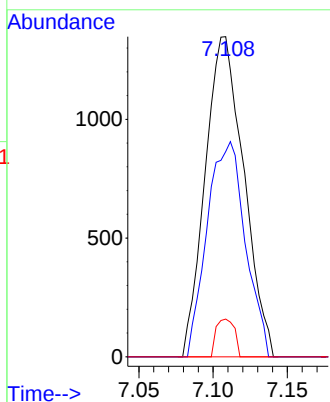
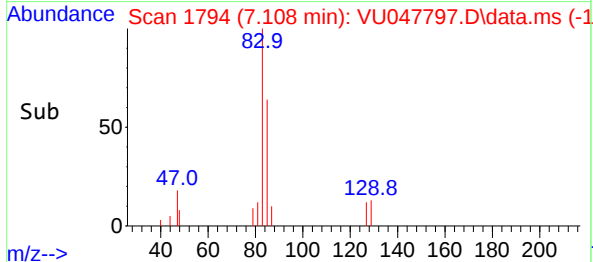
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



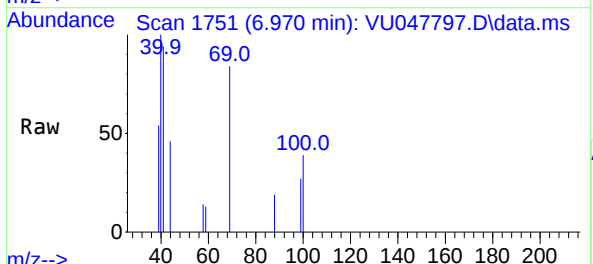
Tgt Ion: 83 Resp: 2439
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2
127 11.8 7.1 10.7

Manual Integrations
APPROVED

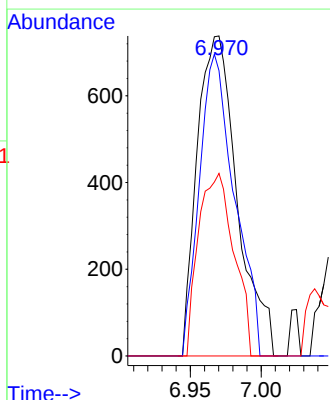
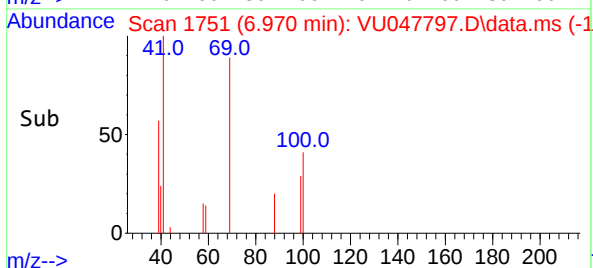
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

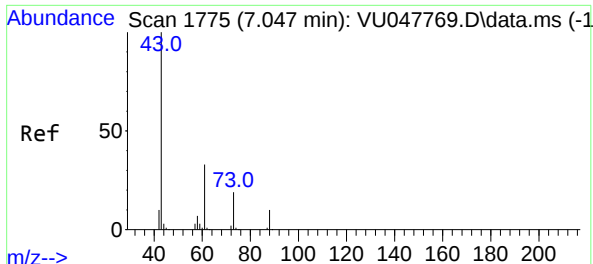


#48
Methyl methacrylate
Concen: 0.466 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



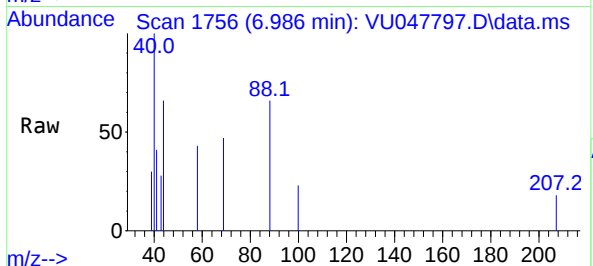
Tgt Ion: 41 Resp: 1452
Ion Ratio Lower Upper
41 100
69 83.0 79.8 119.6
39 50.3 47.9 71.9





#49
1,4-Dioxane
Concen: 10.236 ug/l m
RT: 6.986 min Scan# 1756
Delta R.T. -0.061 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

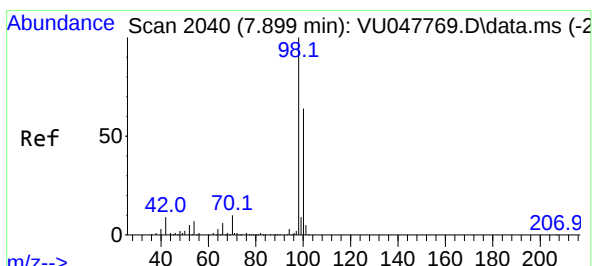
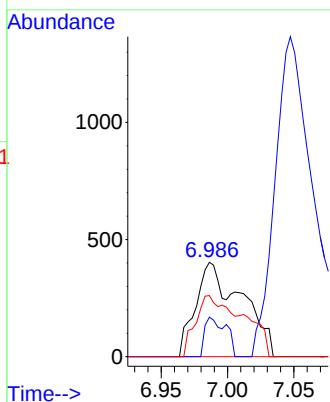
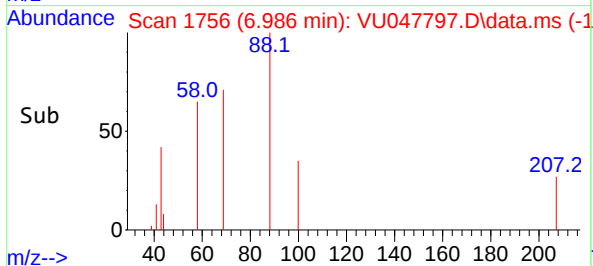
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 88 Resp: 975
Ion Ratio Lower Upper
88 100
43 18.9 0.0 0.0
58 67.4 15.4 23.0

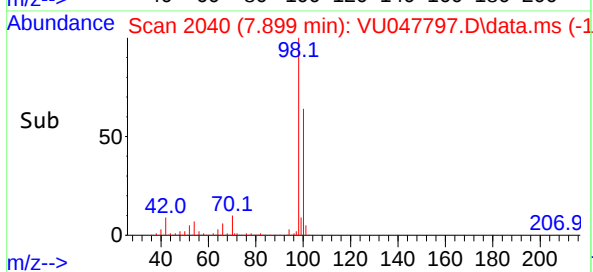
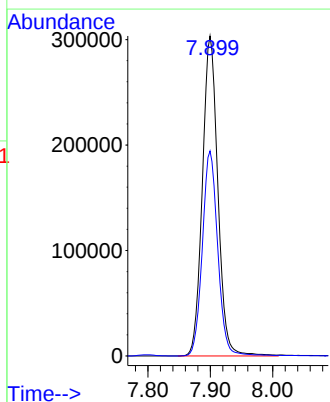
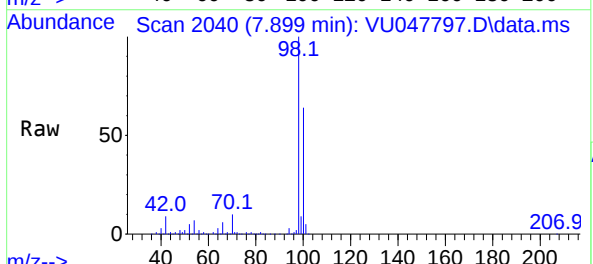
Manual Integrations
APPROVED

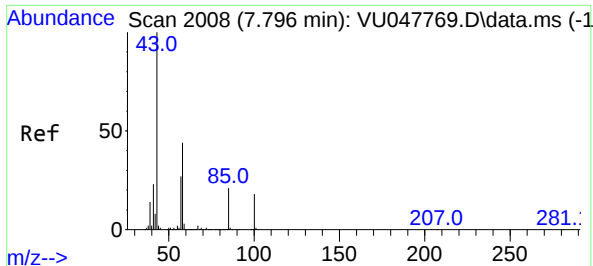
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#50
Toluene-d8
Concen: 50.934 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Tgt Ion: 98 Resp: 523839
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5





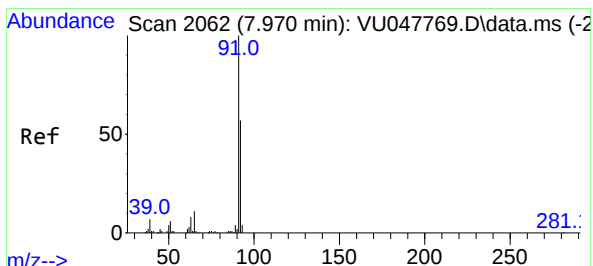
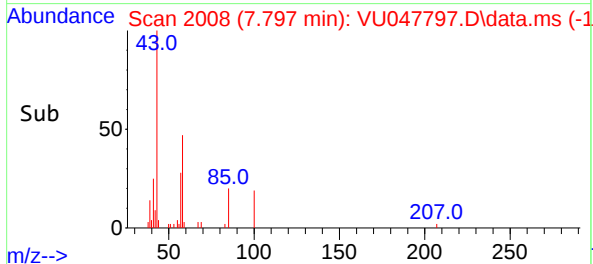
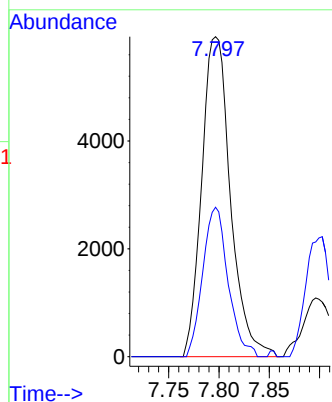
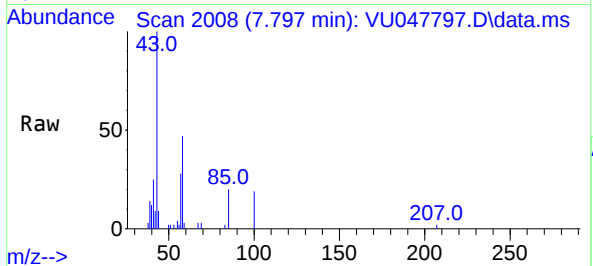
#51
4-Methyl-2-Pentanone
Concen: 2.365 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb

Tgt Ion: 43 Resp: 11789
Ion Ratio Lower Upper
43 100
58 41.1 34.7 52.1

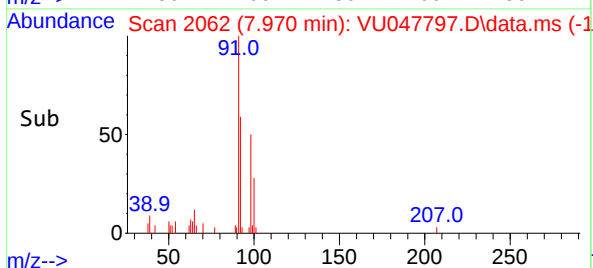
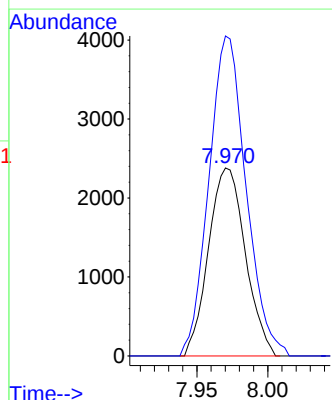
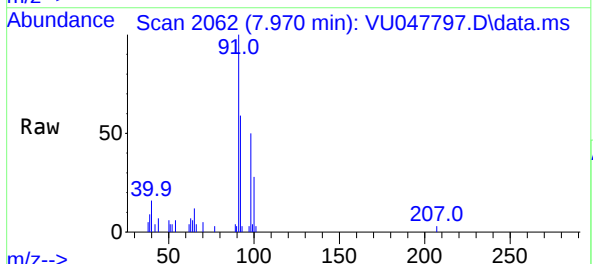
Manual Integrations
APPROVED

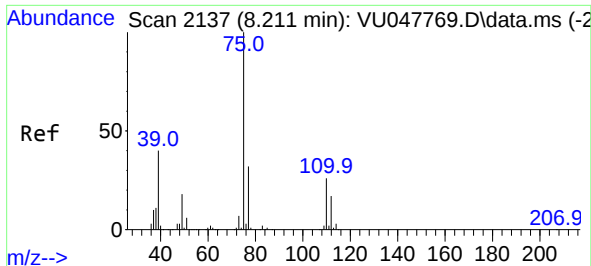
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#52
Toluene
Concen: 0.562 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Tgt Ion: 92 Resp: 4308
Ion Ratio Lower Upper
92 100
91 171.4 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 0.503 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

MDL05 0.5ppb

Tgt Ion: 75 Resp: 2458

Ion Ratio Lower Upper

75 100

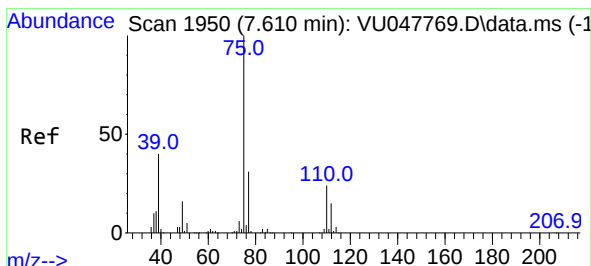
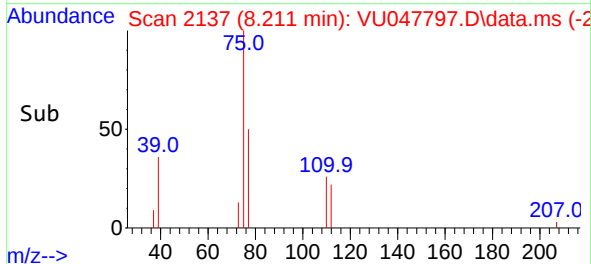
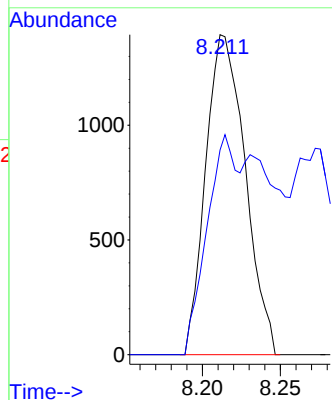
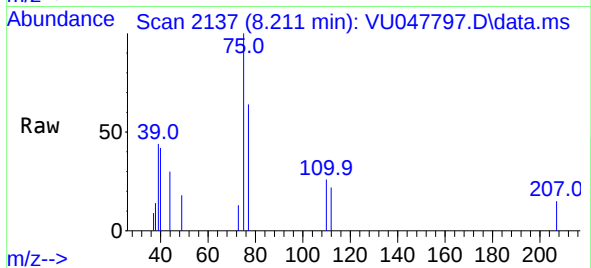
77 63.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#54

cis-1,3-Dichloropropene

Concen: 0.500 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

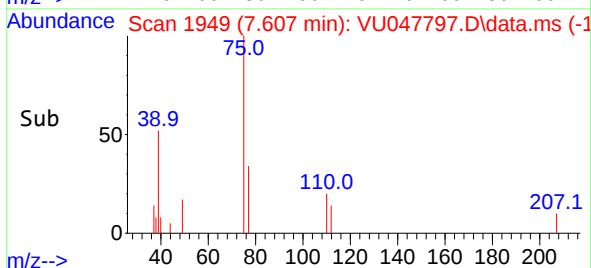
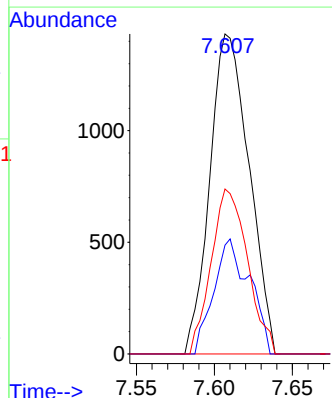
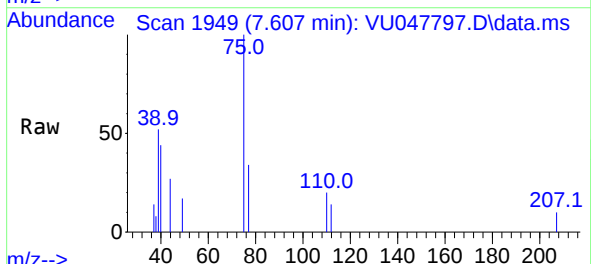
Tgt Ion: 75 Resp: 2511

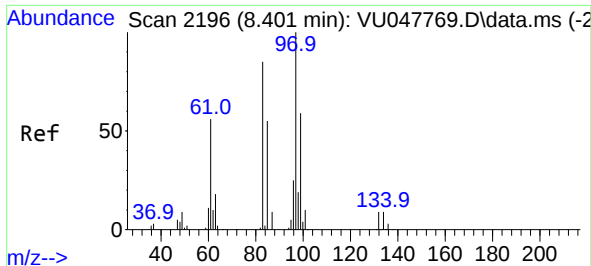
Ion Ratio Lower Upper

75 100

77 34.0 25.7 38.5

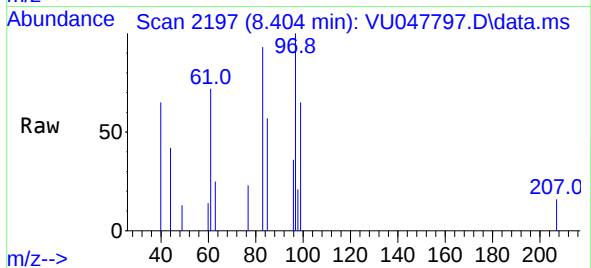
39 51.6 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 0.493 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb

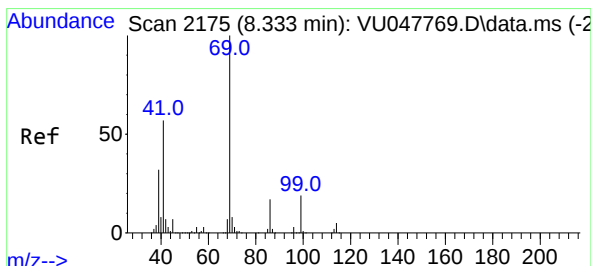
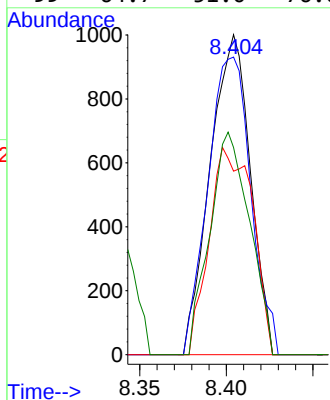
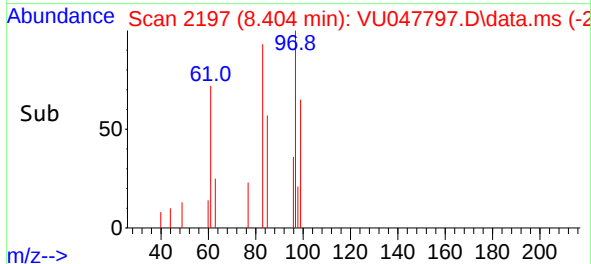


Tgt Ion: 97 Resp: 1614

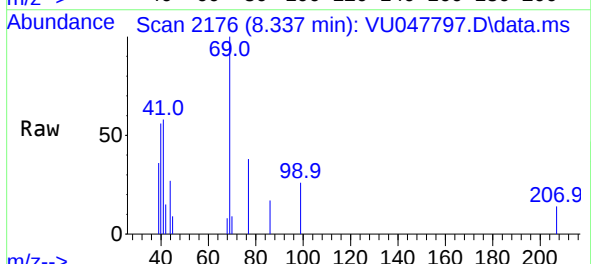
Ion	Ratio	Lower	Upper
97	100		
83	93.0	70.2	105.4
85	57.3	44.6	66.8
99	64.7	51.0	76.6

Manual Integrations
APPROVED

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

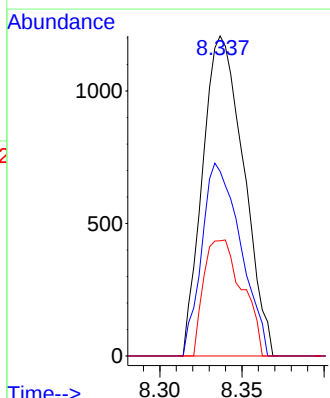
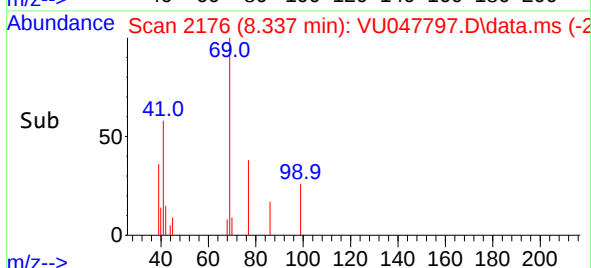


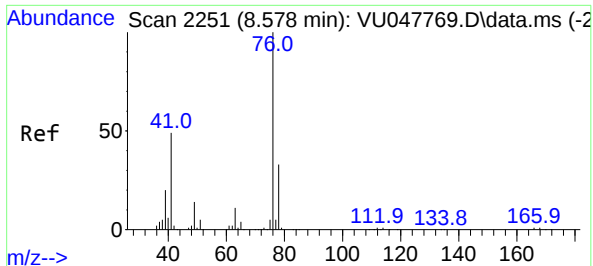
#56
Ethyl methacrylate
Concen: 0.446 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



Tgt Ion: 69 Resp: 2097

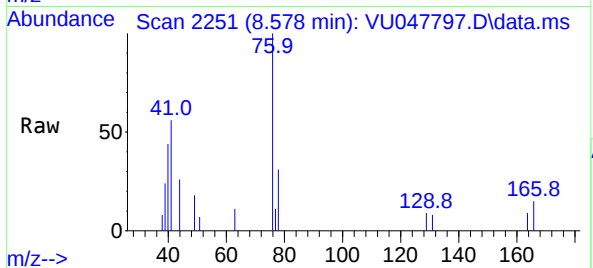
Ion	Ratio	Lower	Upper
69	100		
41	57.1	45.4	68.0
39	33.9	25.7	38.5





#57
1,3-Dichloropropane
Concen: 0.534 ug/l
RT: 8.578 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

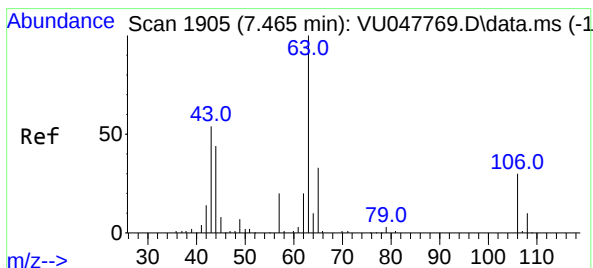
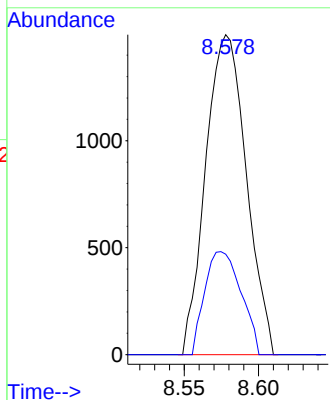
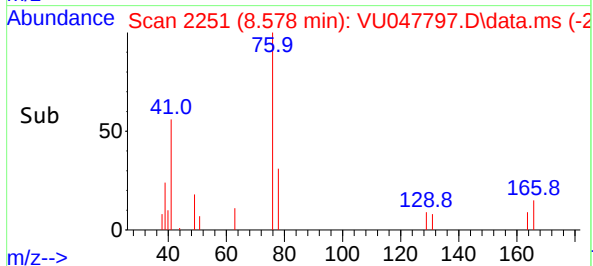
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



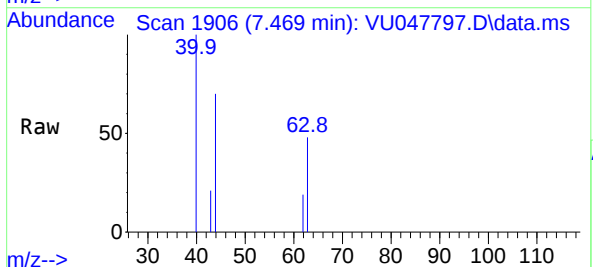
Tgt Ion: 76 Resp: 2840
Ion Ratio Lower Upper
76 100
78 28.7 26.1 39.1

Manual Integrations
APPROVED

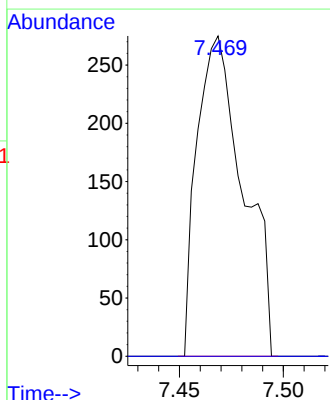
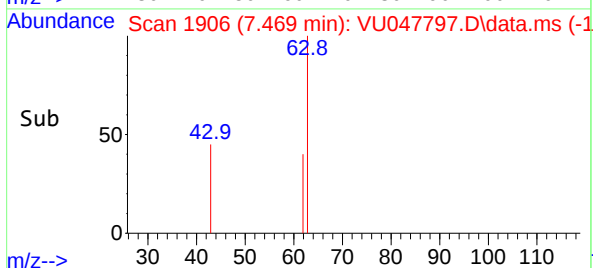
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

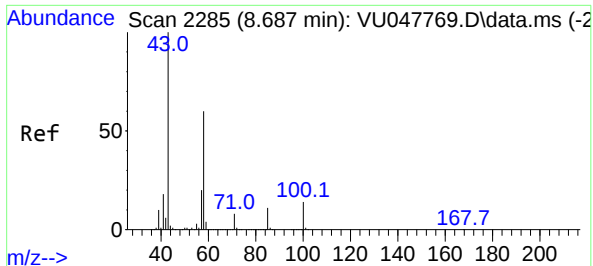


#58
2-Chloroethyl Vinyl ether
Concen: 1.273 ug/l
RT: 7.469 min Scan# 1906
Delta R.T. 0.004 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



Tgt Ion: 63 Resp: 427
Ion Ratio Lower Upper
63 100
106 0.0 23.1 34.7#





#59

2-Hexanone

Concen: 2.471 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

MDL05 0.5ppb

Tgt Ion: 43 Resp: 1010

Ion Ratio Lower Upper

43 100

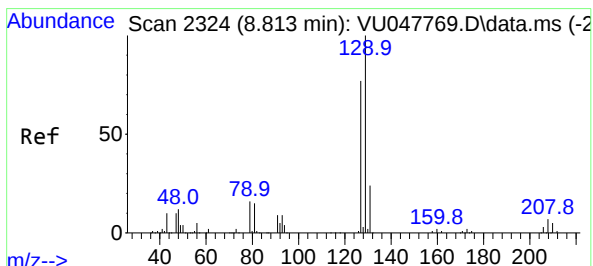
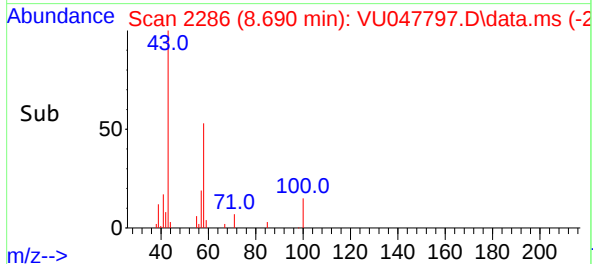
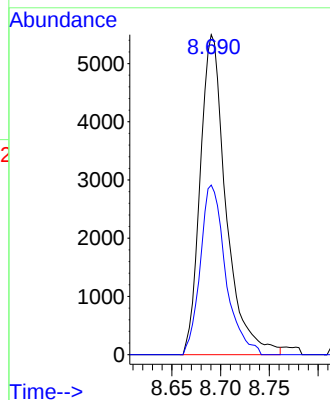
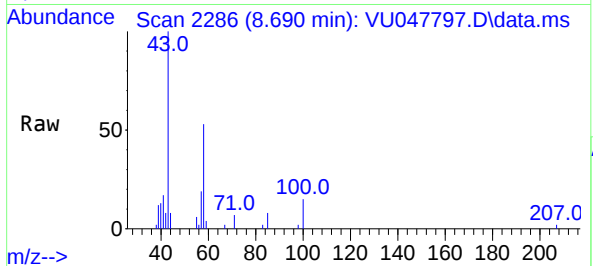
58 52.1 30.3 90.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#60

Dibromochloromethane

Concen: 0.513 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VU047797.D

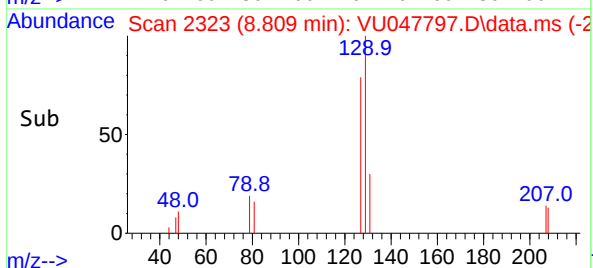
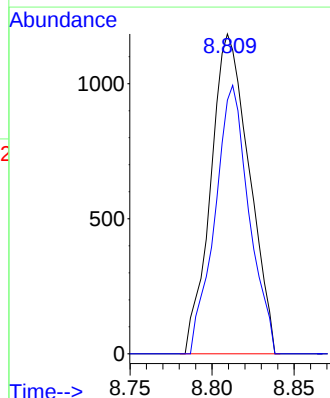
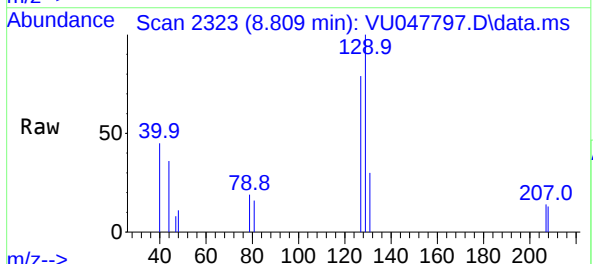
Acq: 02 Apr 2022 13:46

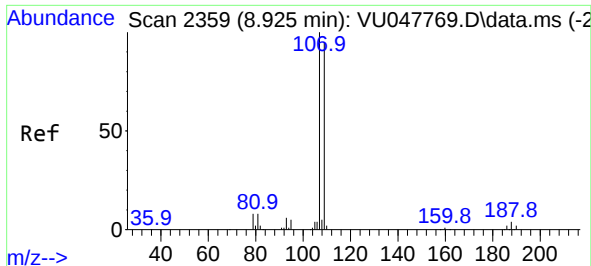
Tgt Ion:129 Resp: 1930

Ion Ratio Lower Upper

129 100

127 74.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 0.512 ug/l

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

MDL05 0.5ppb

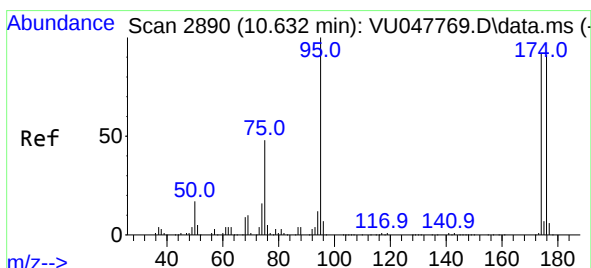
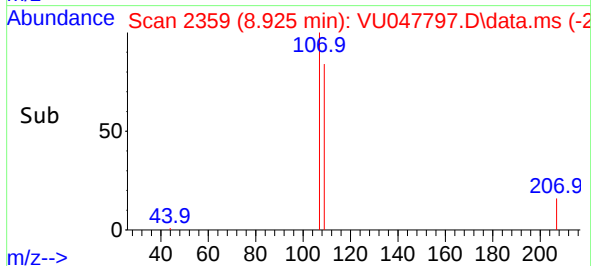
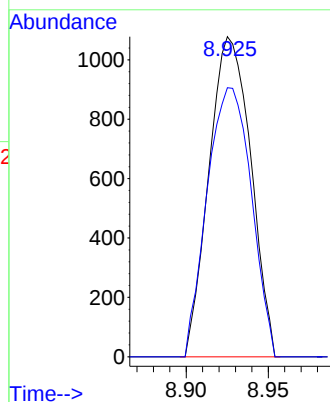
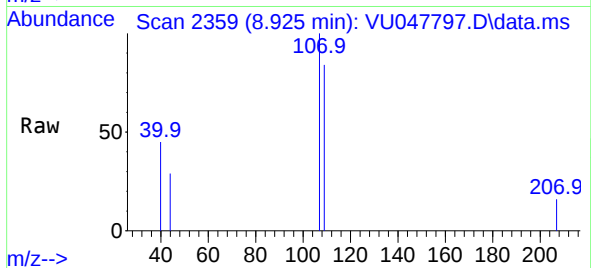
Tgt Ion: 107 Resp: 1900
 Ion Ratio Lower Upper
 107 100
 109 88.7 75.1 112.7

Manual Integrations

APPROVED

Reviewed By : John Carlone 04/04/2022

Supervised By : Mahesh Dadoda 04/05/2022



#62

4-Bromofluorobenzene

Concen: 45.683 ug/l

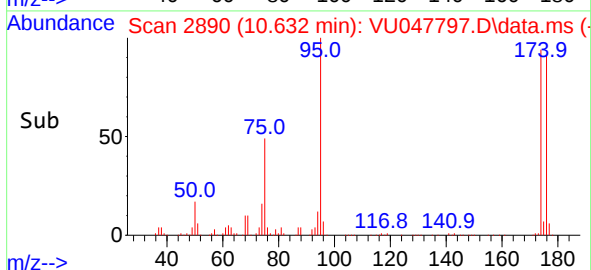
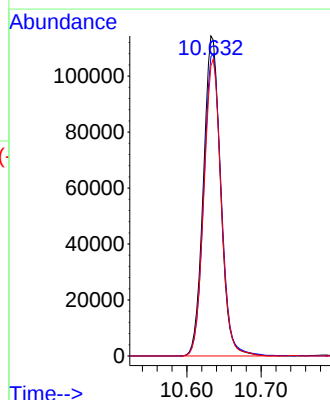
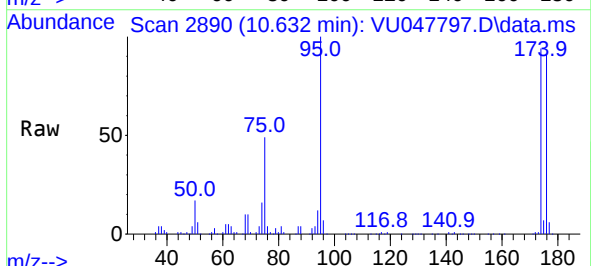
RT: 10.632 min Scan# 2890

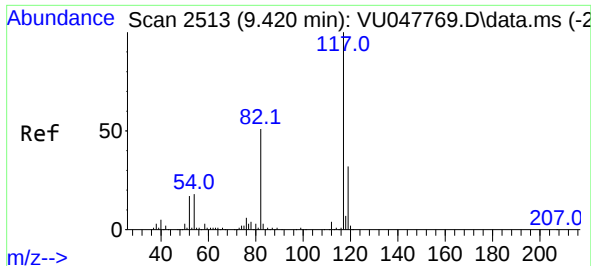
Delta R.T. 0.000 min

Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

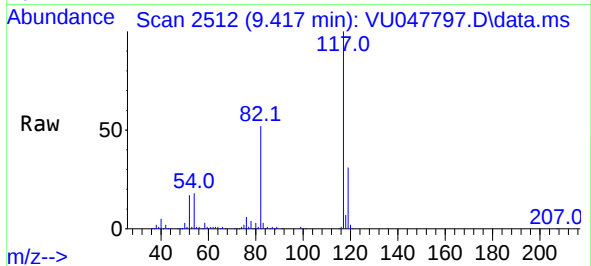
Tgt Ion: 95 Resp: 182978
 Ion Ratio Lower Upper
 95 100
 174 96.4 0.0 182.0
 176 93.0 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

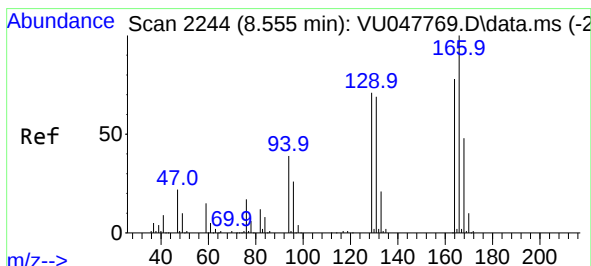
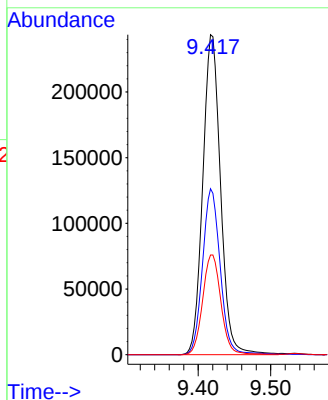
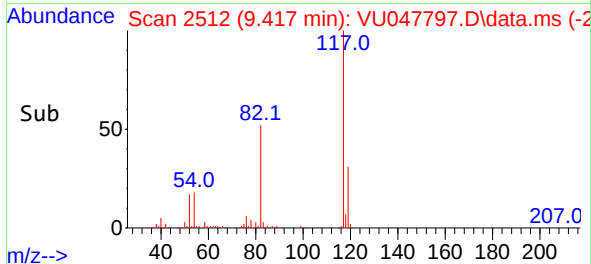
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion:117 Resp: 415400
Ion Ratio Lower Upper
117 100
82 51.9 41.7 62.5
119 31.1 25.7 38.5

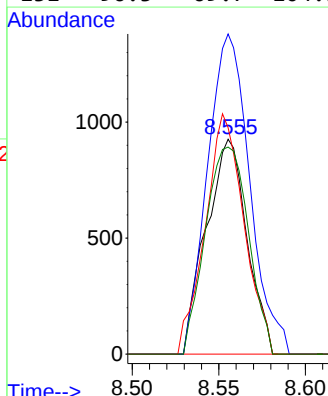
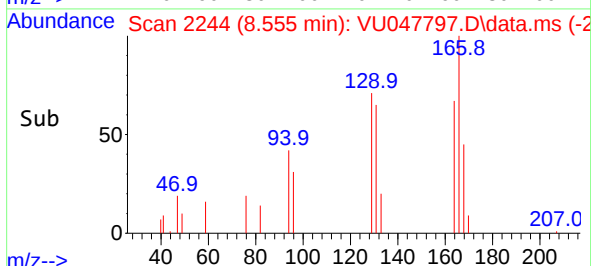
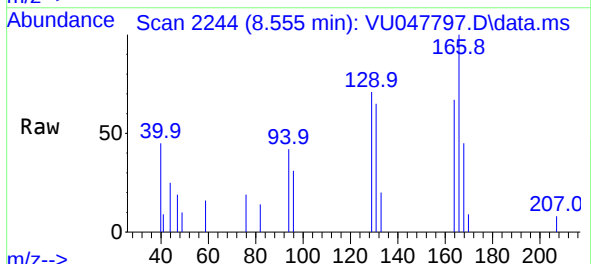
Manual Integrations
APPROVED

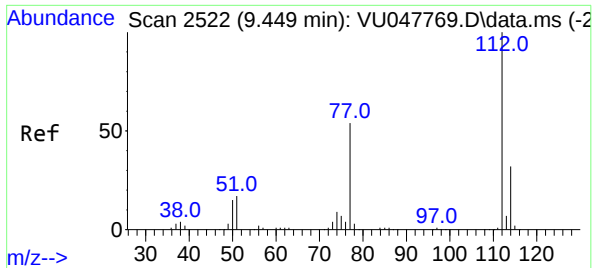
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#64
Tetrachloroethene
Concen: 0.494 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

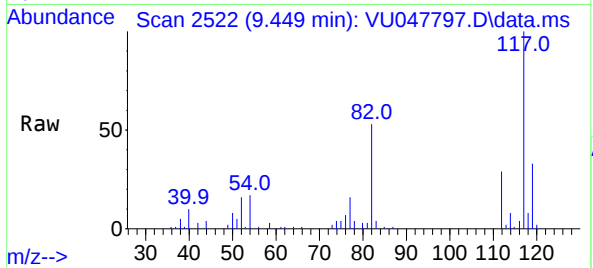
Tgt Ion:164 Resp: 1517
Ion Ratio Lower Upper
164 100
166 149.0 100.0 150.0
129 105.4 72.0 108.0
131 96.3 69.7 104.5





#65
Chlorobenzene
Concen: 0.548 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

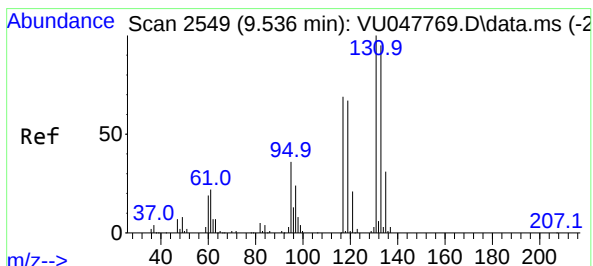
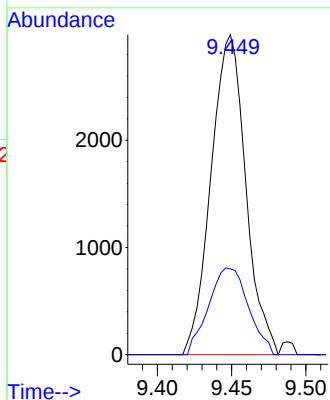
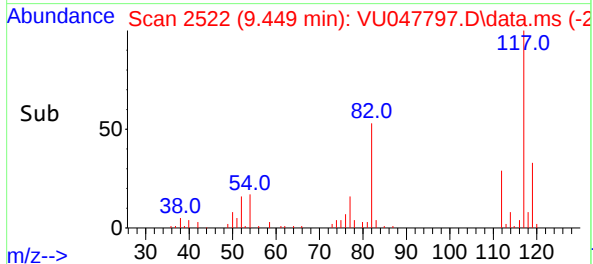
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



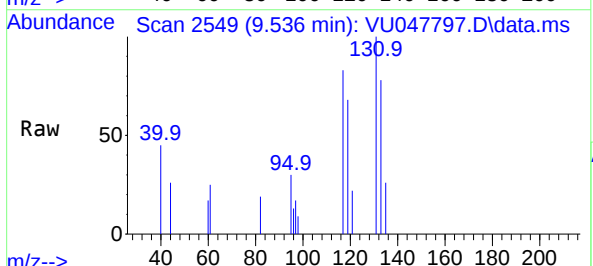
Tgt Ion:112 Resp: 4850
Ion Ratio Lower Upper
112 100
114 26.8 24.9 37.3

Manual Integrations
APPROVED

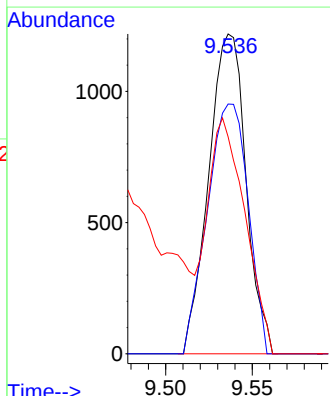
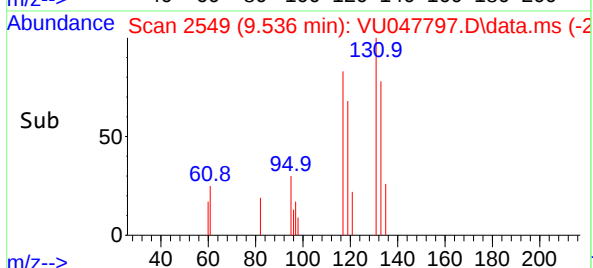
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

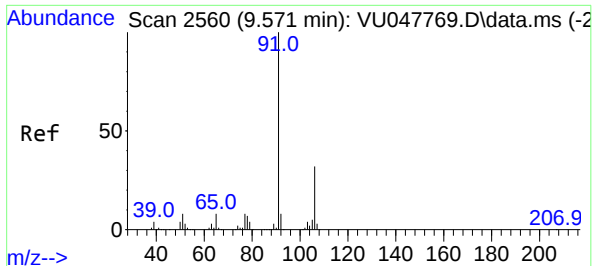


#66
1,1,1,2-Tetrachloroethane
Concen: 0.560 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



Tgt Ion:131 Resp: 1828
Ion Ratio Lower Upper
131 100
133 85.3 48.4 145.0
119 0.0 33.9 101.6#





#67

Ethyl Benzene

Concen: 0.532 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

MDL05 0.5ppb

Tgt Ion: 91 Resp: 771

Ion Ratio Lower Upper

91 100

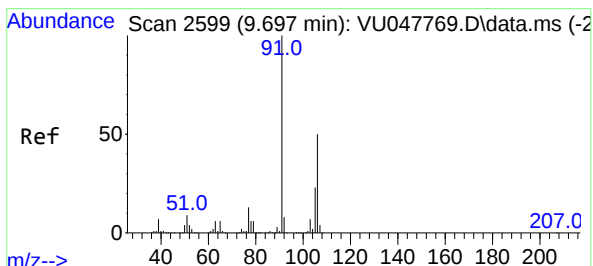
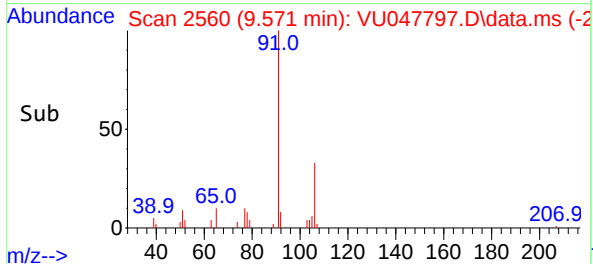
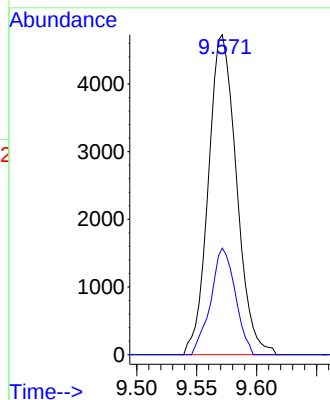
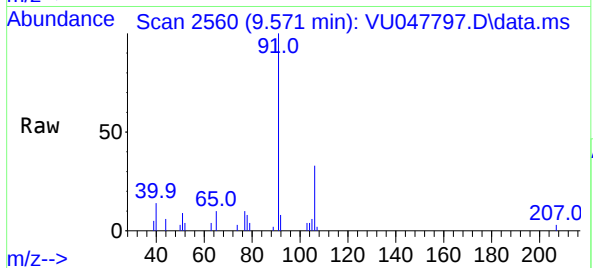
106 33.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#68

m/p-Xylenes

Concen: 0.975 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047797.D

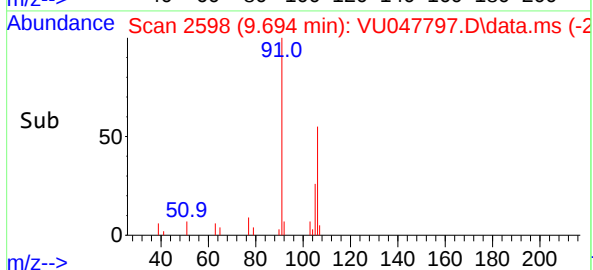
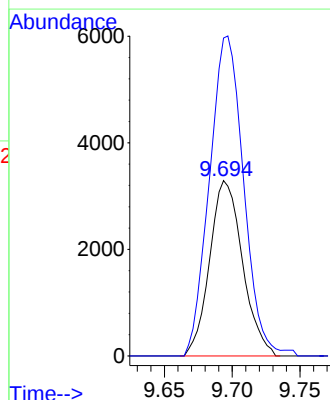
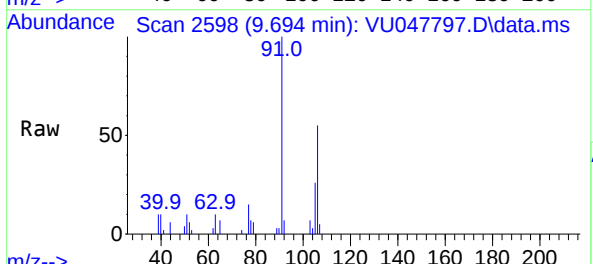
Acq: 02 Apr 2022 13:46

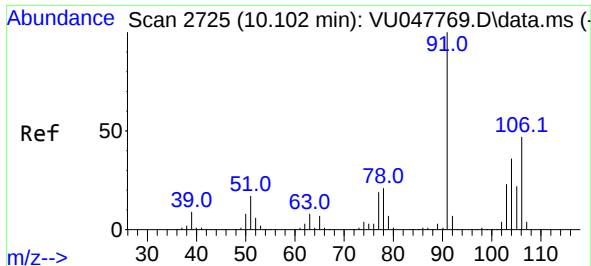
Tgt Ion:106 Resp: 5560

Ion Ratio Lower Upper

106 100

91 189.4 157.2 235.8





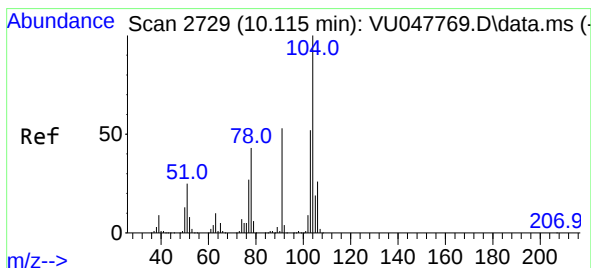
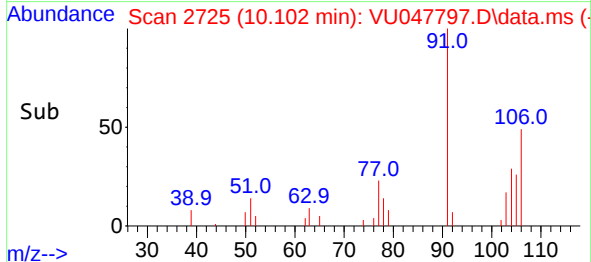
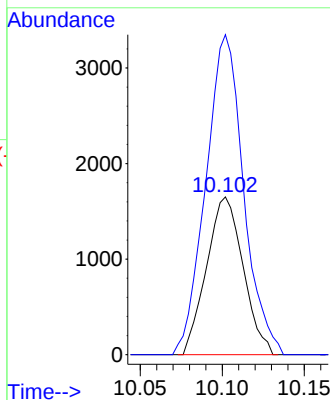
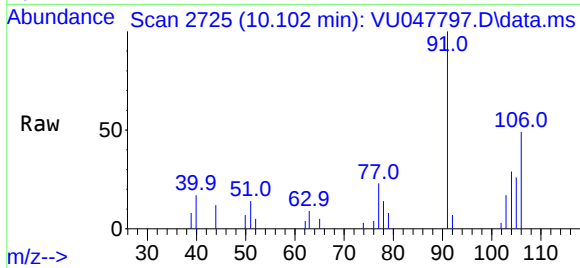
#69
o-Xylene
Concen: 0.468 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb

Tgt Ion:106 Resp: 255
Ion Ratio Lower Upper
106 100
91 209.8 103.5 310.5

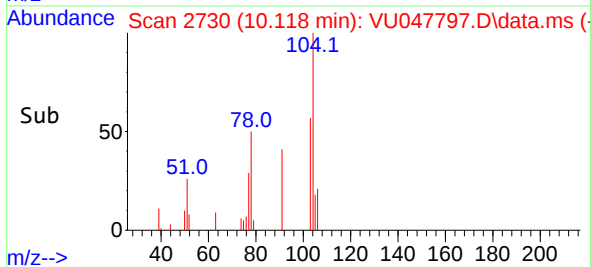
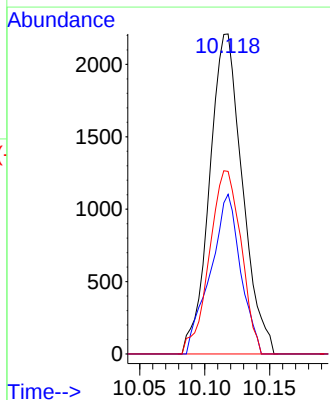
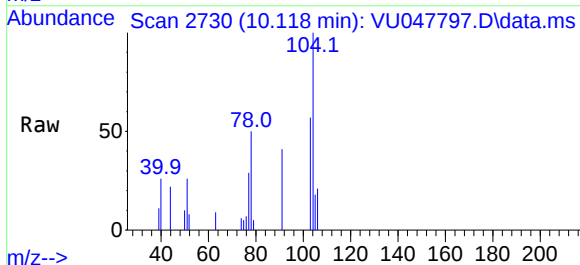
Manual Integrations
APPROVED

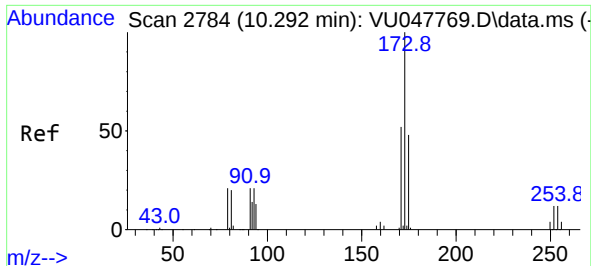
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#70
Styrene
Concen: 0.428 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

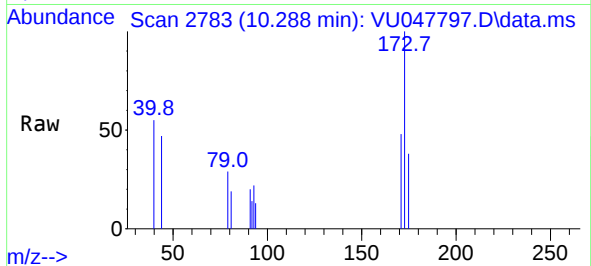
Tgt Ion:104 Resp: 3882
Ion Ratio Lower Upper
104 100
78 45.9 38.0 57.0
103 55.5 43.9 65.9





#71
Bromoform
Concen: 0.491 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

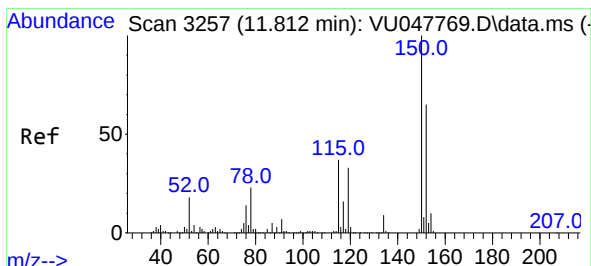
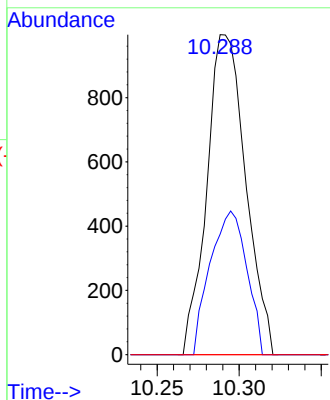
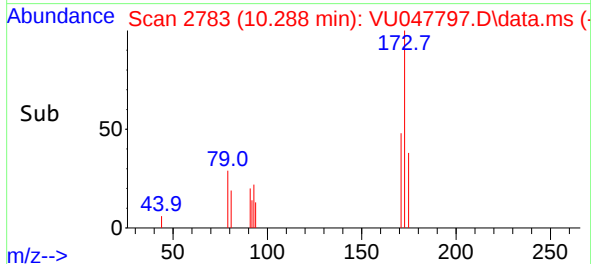
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



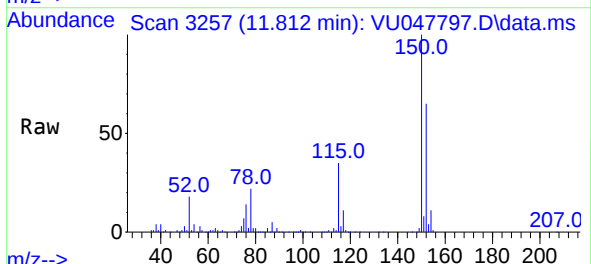
Tgt Ion:173 Resp: 1638
Ion Ratio Lower Upper
173 100
175 42.2 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

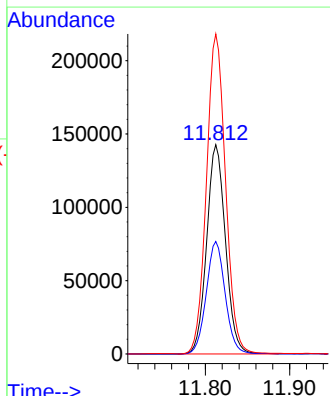
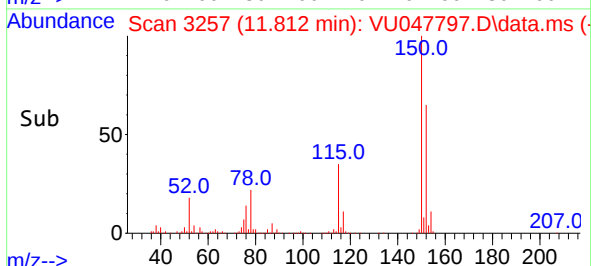
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

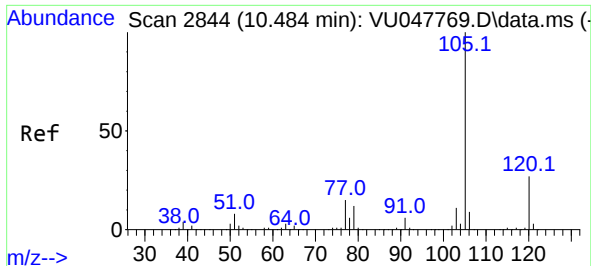


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



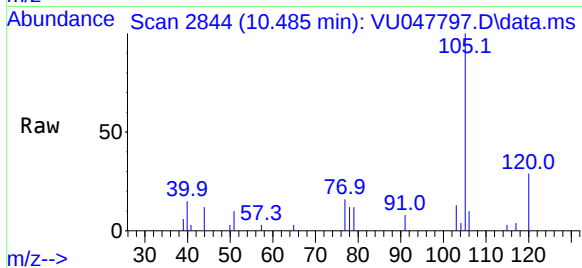
Tgt Ion:152 Resp: 221787
Ion Ratio Lower Upper
152 100
115 54.2 37.0 110.9
150 155.4 0.0 342.2





#73
Isopropylbenzene
Concen: 0.478 ug/l
RT: 10.485 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

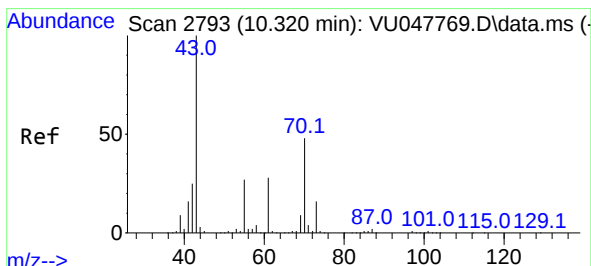
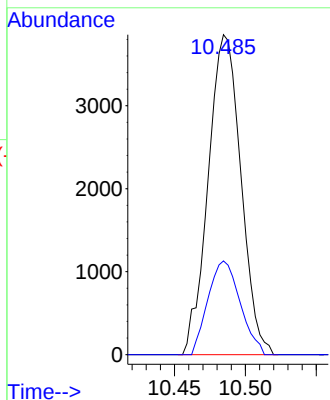
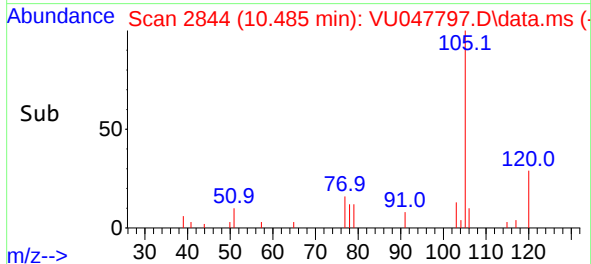
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



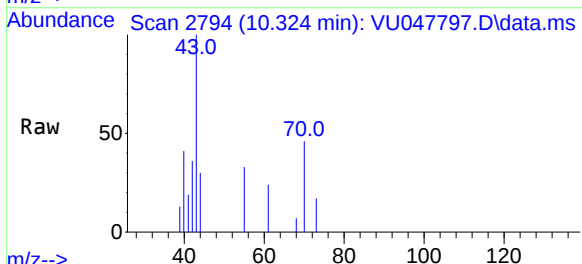
Tgt Ion:105 Resp: 6197
Ion Ratio Lower Upper
105 100
120 28.8 13.8 41.4

Manual Integrations
APPROVED

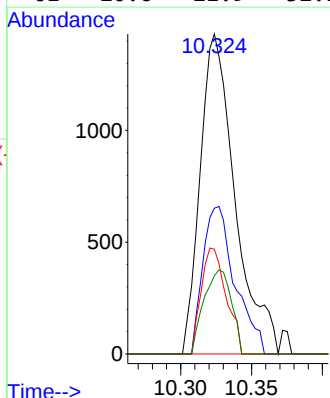
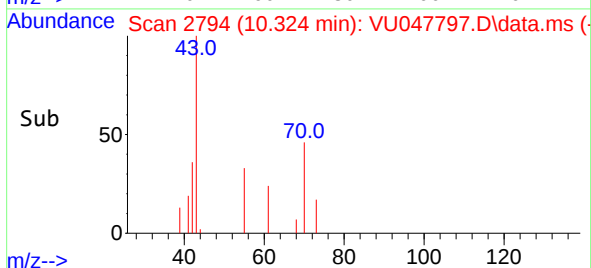
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

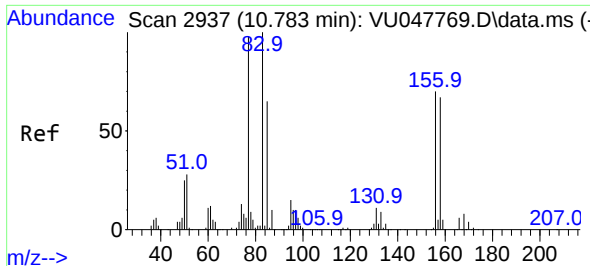


#74
N-ethyl acetate
Concen: 0.479 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



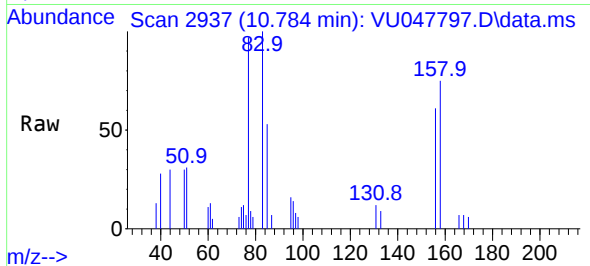
Tgt Ion: 43 Resp: 2456
Ion Ratio Lower Upper
43 100
70 42.3 38.7 58.1
55 23.7 21.8 32.8
61 20.6 21.9 32.9#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.589 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

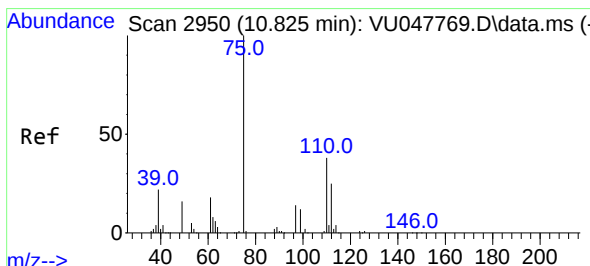
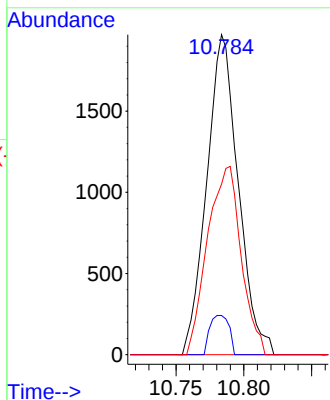
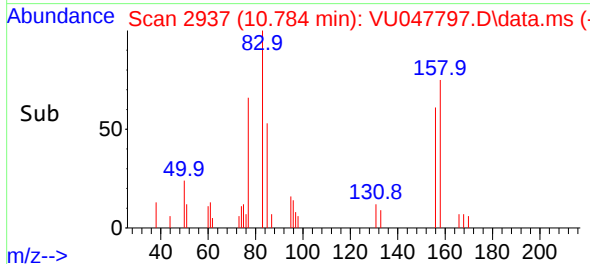
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



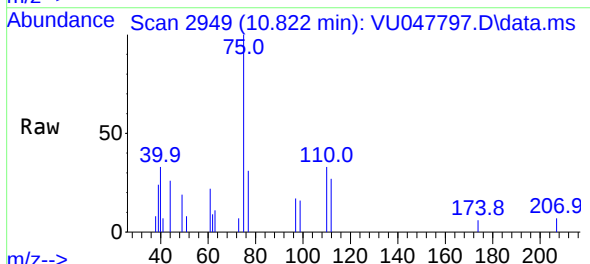
Tgt Ion: 83 Resp: 3190
Ion Ratio Lower Upper
83 100
131 7.5 5.1 15.4
85 62.5 32.2 96.6

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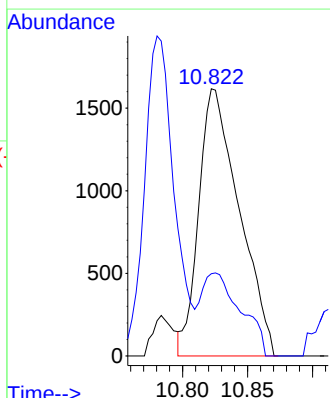
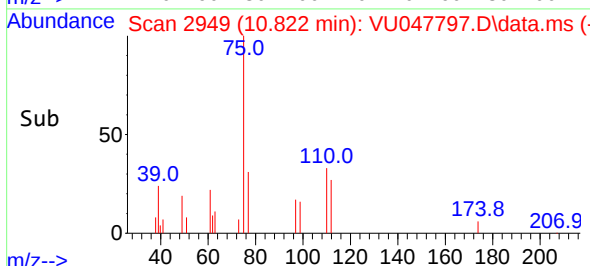
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

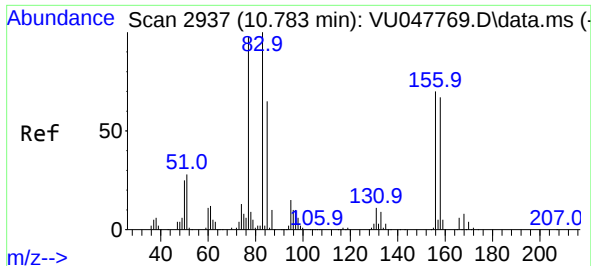


#76
1,2,3-Trichloropropane
Concen: 0.564 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



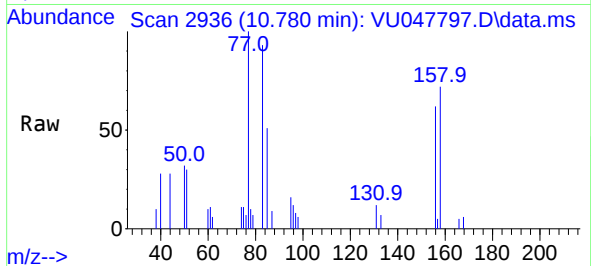
Tgt Ion: 75 Resp: 3503
Ion Ratio Lower Upper
75 100
77 30.3 15.8 47.3





#77
Bromobenzene
Concen: 0.546 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

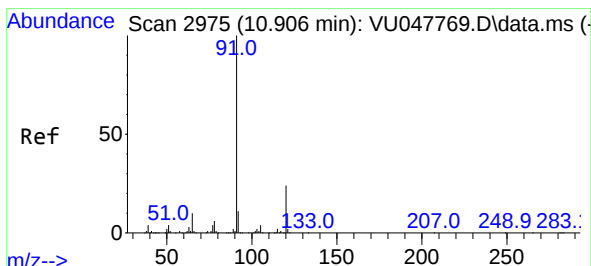
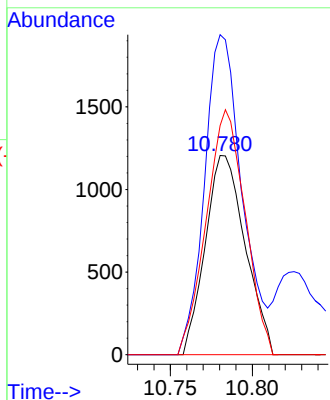
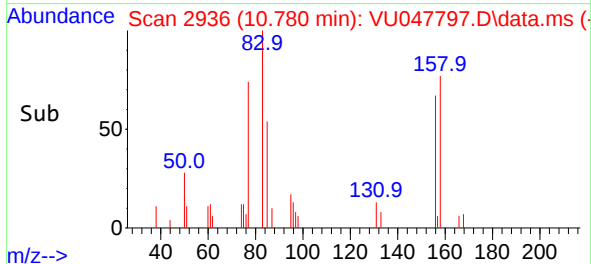
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



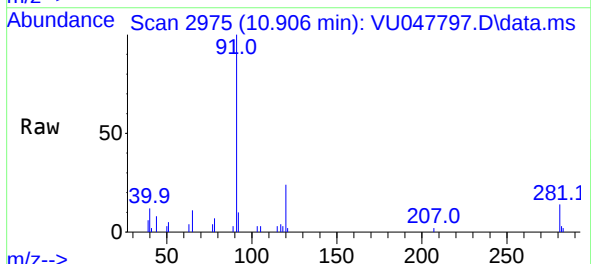
Tgt Ion: 156 Resp: 2035
Ion Ratio Lower Upper
156 100
77 151.4 71.9 215.6
158 119.7 48.9 146.8

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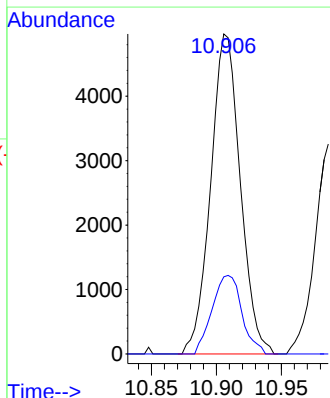
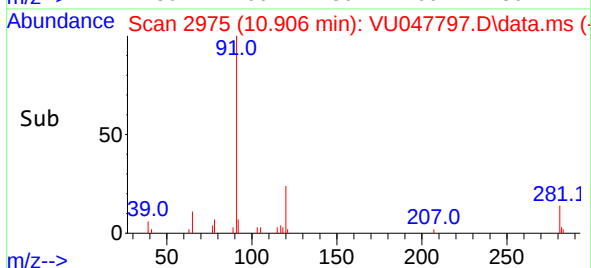
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

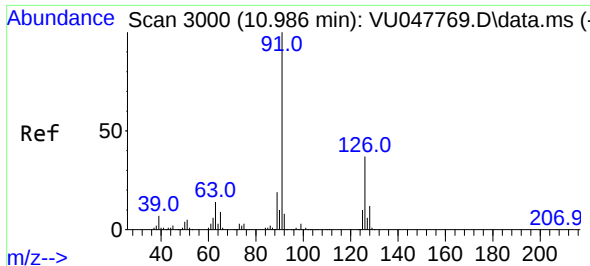


#78
n-propylbenzene
Concen: 0.508 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



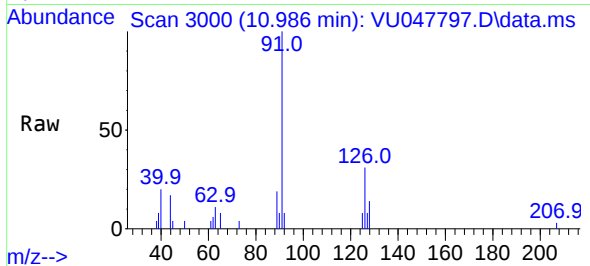
Tgt Ion: 91 Resp: 7866
Ion Ratio Lower Upper
91 100
120 24.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 0.557 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

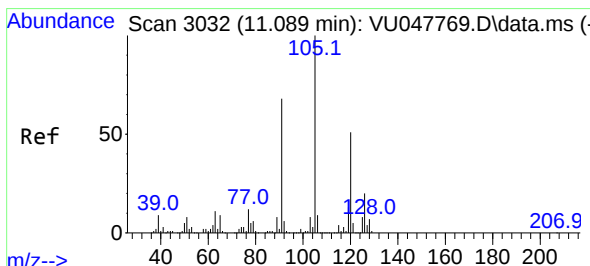
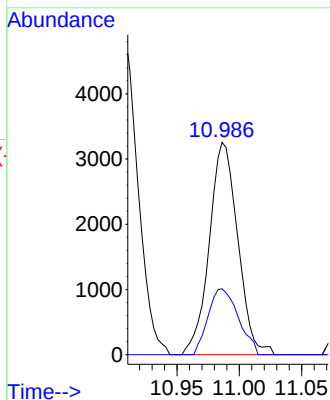
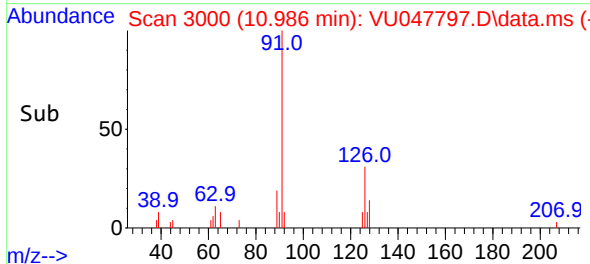
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



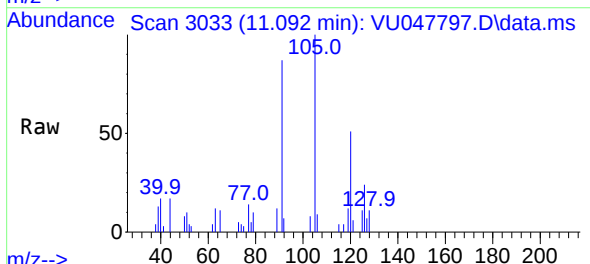
Tgt Ion: 91 Resp: 5180
Ion Ratio Lower Upper
91 100
126 32.9 18.4 55.0

Manual Integrations
APPROVED

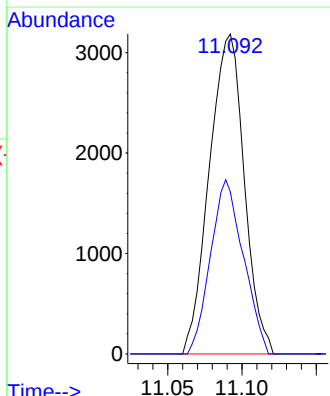
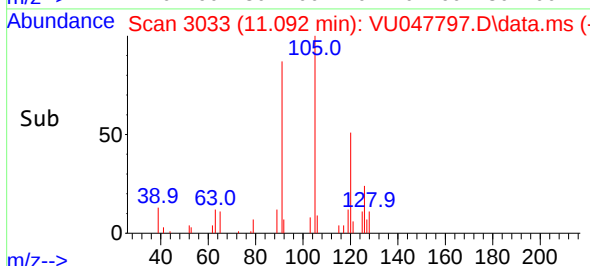
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

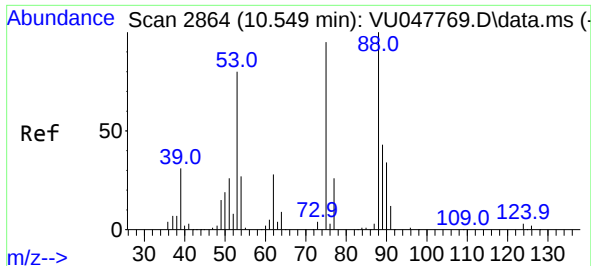


#80
1,3,5-Trimethylbenzene
Concen: 0.477 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



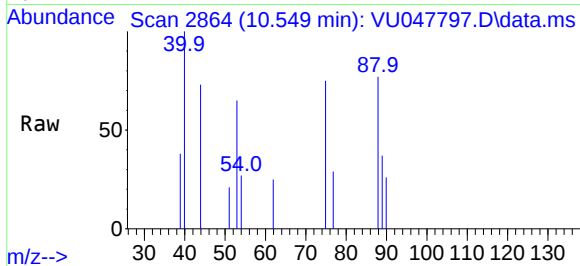
Tgt Ion:105 Resp: 5212
Ion Ratio Lower Upper
105 100
120 51.1 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 0.409 ug/l m
RT: 10.549 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

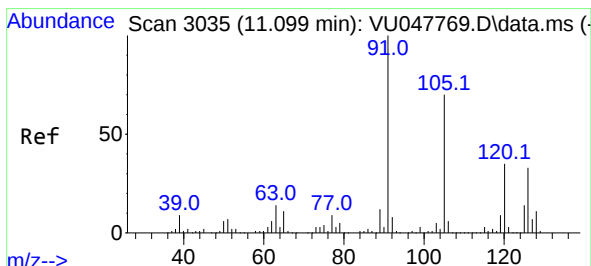
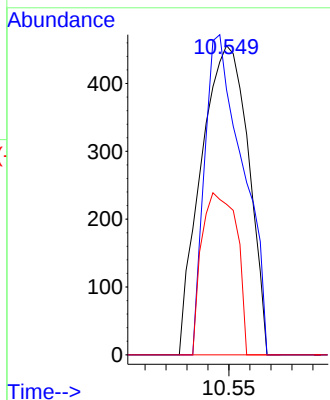
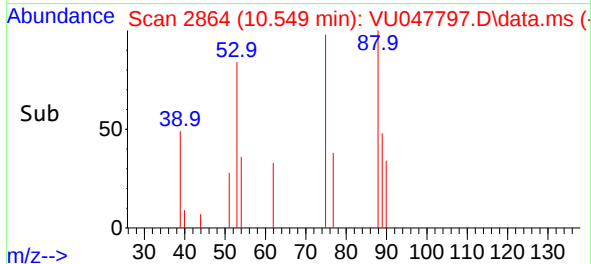
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



Tgt Ion: 75 Resp: 714
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8
89 0.0 37.0 55.6

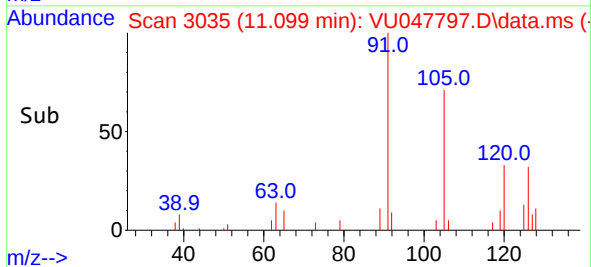
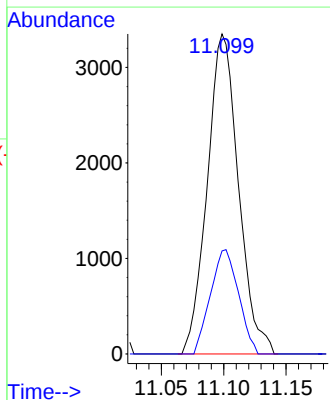
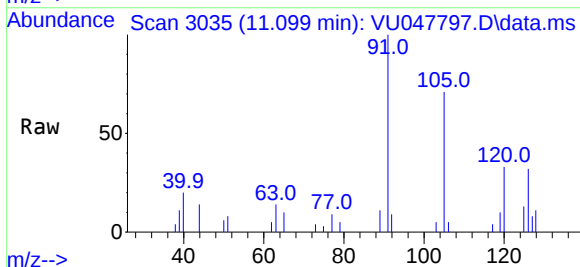
Manual Integrations
APPROVED

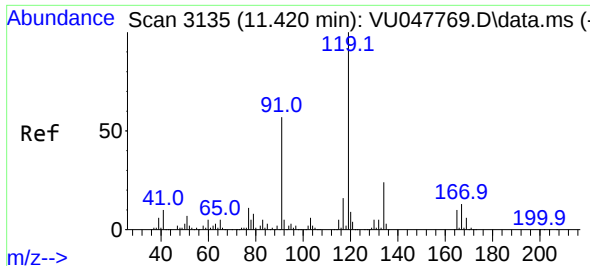
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#82
4-Chlorotoluene
Concen: 0.540 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Tgt Ion: 91 Resp: 5837
Ion Ratio Lower Upper
91 100
126 29.3 16.1 48.2





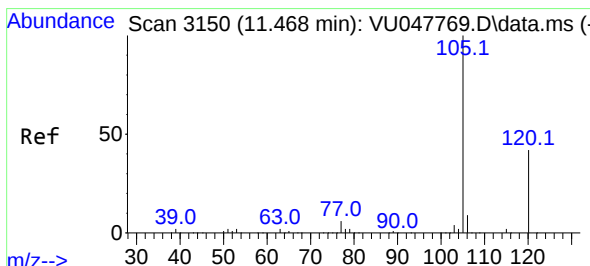
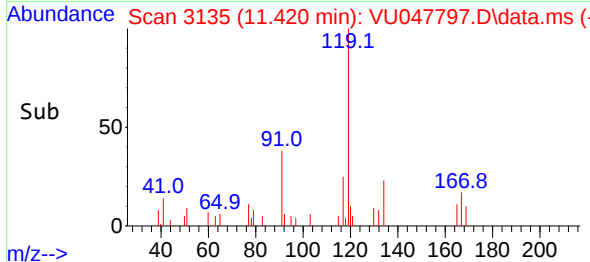
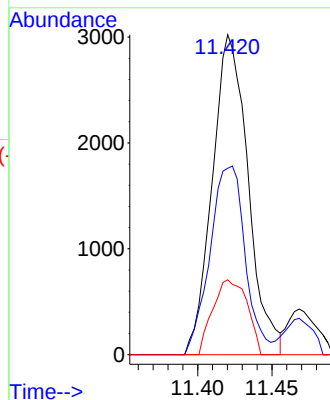
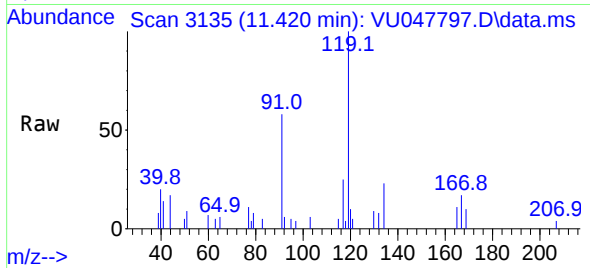
#83
tert-Butylbenzene
Concen: 0.450 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb

Tgt Ion:119 Resp: 5066
Ion Ratio Lower Upper
119 100
91 58.0 26.8 80.3
134 22.4 11.5 34.5

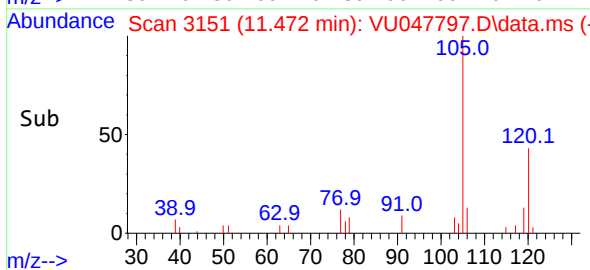
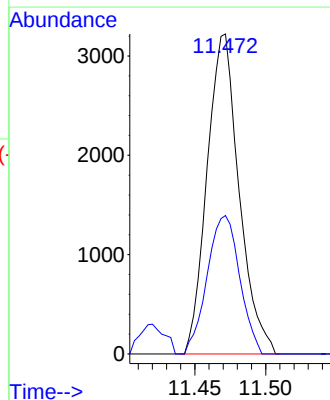
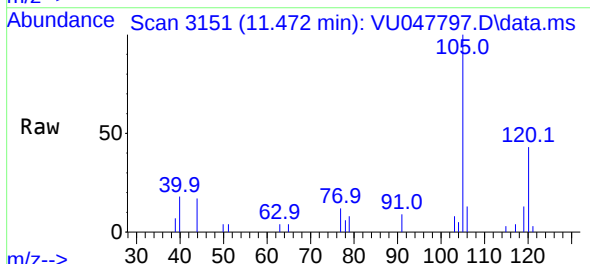
Manual Integrations
APPROVED

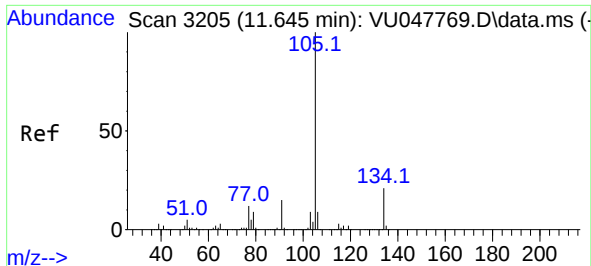
Reviewed By :John Carbone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 0.466 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Tgt Ion:105 Resp: 5066
Ion Ratio Lower Upper
105 100
120 43.8 23.4 70.3





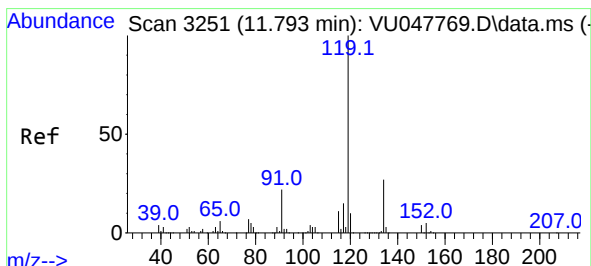
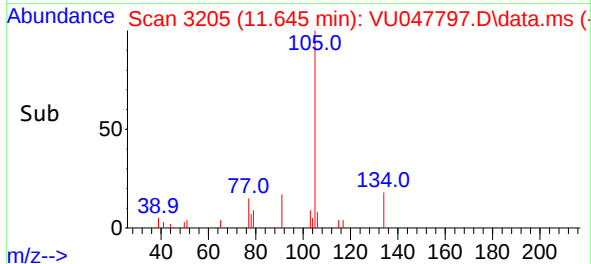
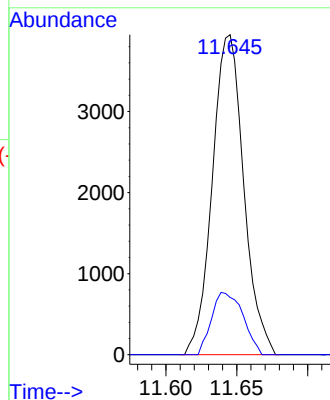
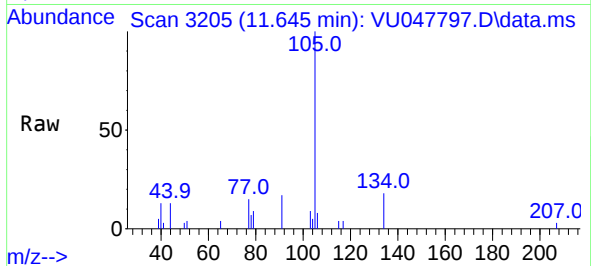
#85
 sec-Butylbenzene
 Concen: 0.444 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047797.D
 Acq: 02 Apr 2022 13:46

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05 0.5ppb

Tgt Ion:105 Resp: 6090
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

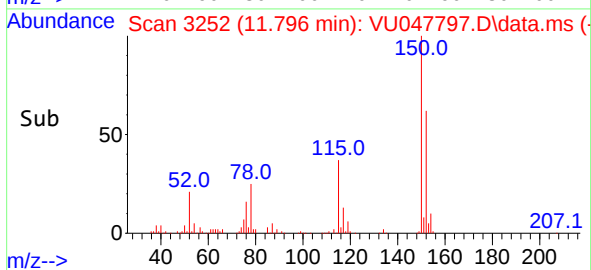
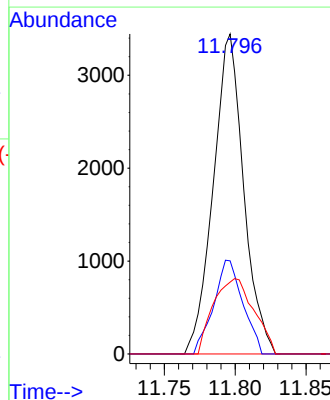
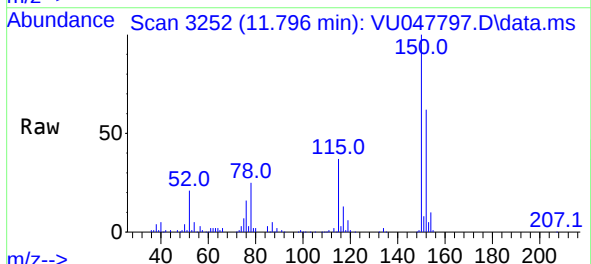
Manual Integrations
 APPROVED

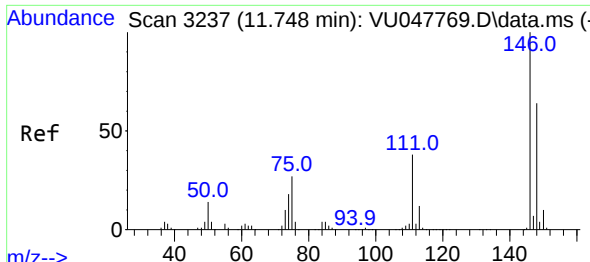
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022



#86
 p-Isopropyltoluene
 Concen: 0.437 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU047797.D
 Acq: 02 Apr 2022 13:46

Tgt Ion:119 Resp: 5139
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.5 40.4
 91 31.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 0.586 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

MDL05 0.5ppb

Tgt Ion:146 Resp: 4349

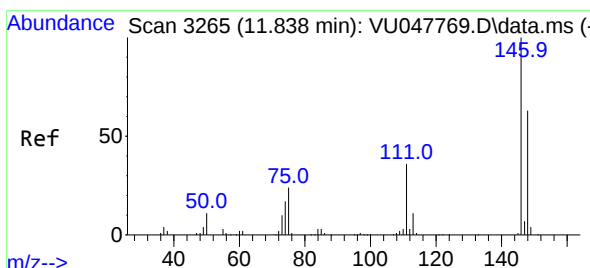
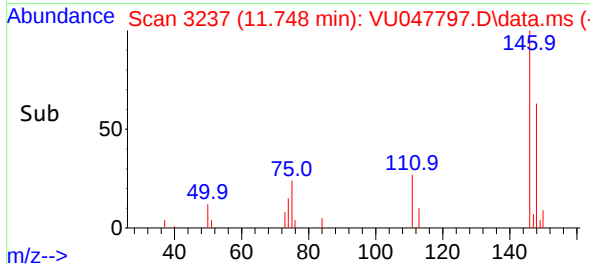
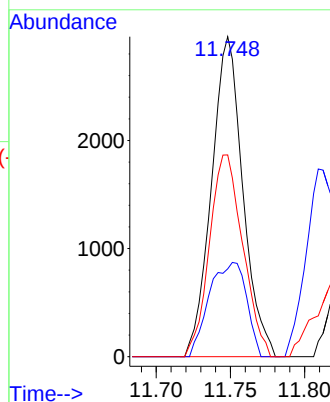
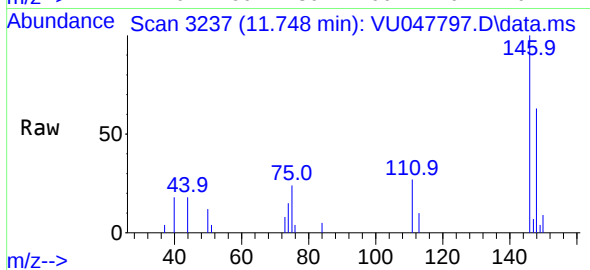
Ion	Ratio	Lower	Upper
146	100		
111	34.9	18.9	56.5
148	67.1	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#88

1,4-Dichlorobenzene

Concen: 0.575 ug/l m

RT: 11.838 min Scan# 3265

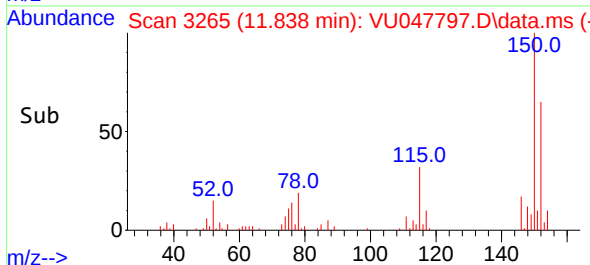
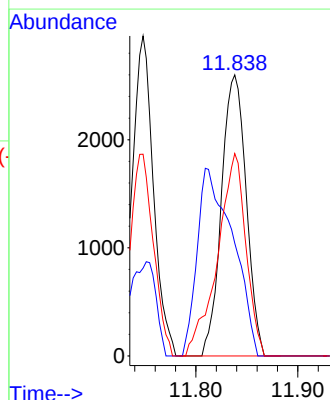
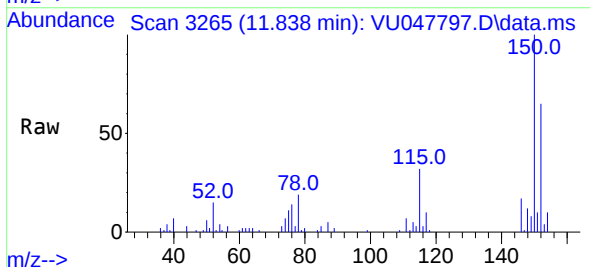
Delta R.T. 0.000 min

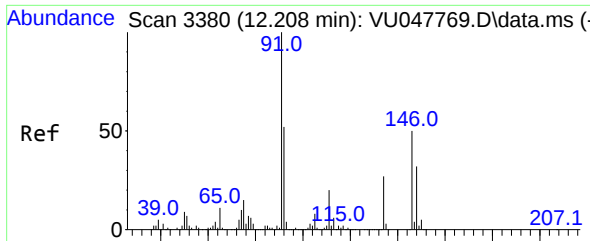
Lab File: VU047797.D

Acq: 02 Apr 2022 13:46

Tgt Ion:146 Resp: 4372

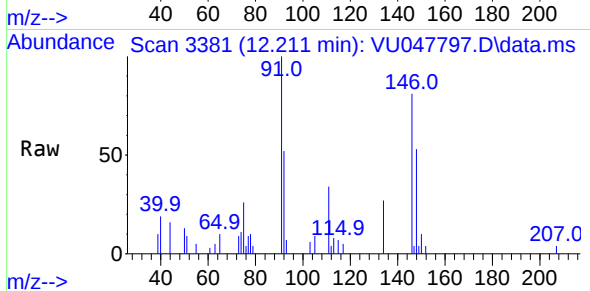
Ion	Ratio	Lower	Upper
146	100		
111	34.7	18.5	55.5
148	66.7	31.9	95.7





#89
n-Butylbenzene
Concen: 0.466 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

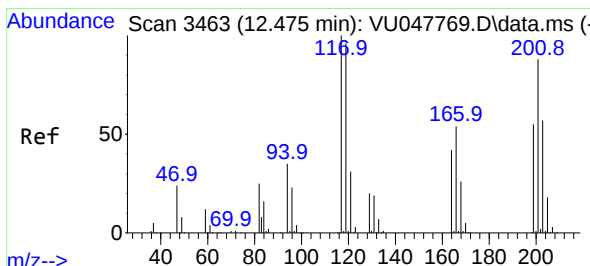
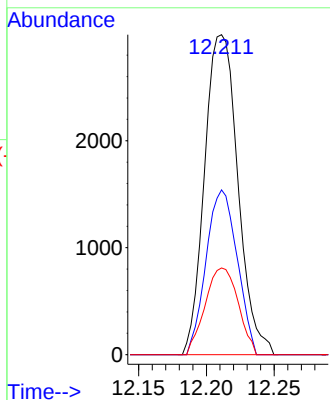
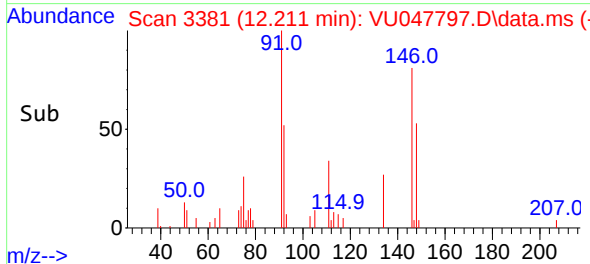
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



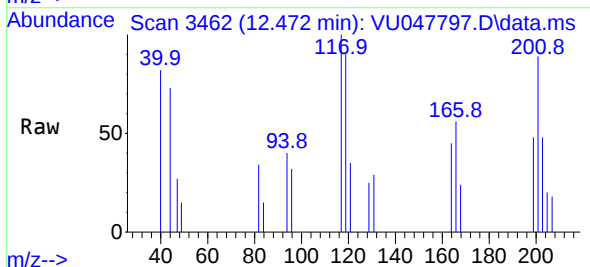
Tgt Ion: 91 Resp: 5120
Ion Ratio Lower Upper
91 100
92 47.8 26.2 78.6
134 26.8 13.5 40.4

Manual Integrations
APPROVED

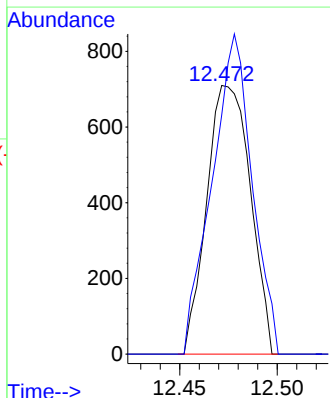
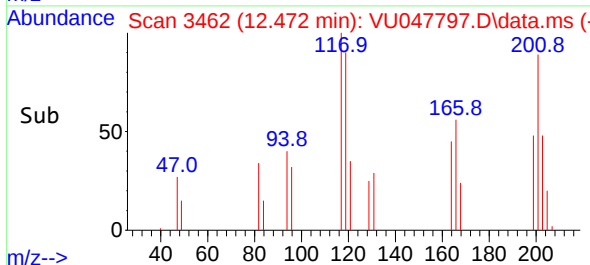
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

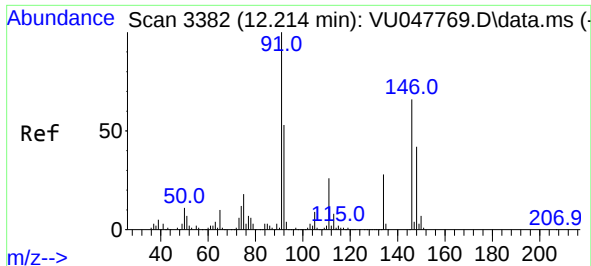


#90
Hexachloroethane
Concen: 0.464 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. -0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



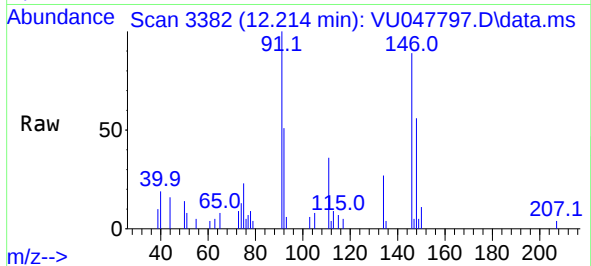
Tgt Ion:117 Resp: 1105
Ion Ratio Lower Upper
117 100
201 109.6 44.6 134.0





#91
 1,2-Dichlorobenzene
 Concen: 0.586 ug/l
 RT: 12.214 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU047797.D
 Acq: 02 Apr 2022 13:46

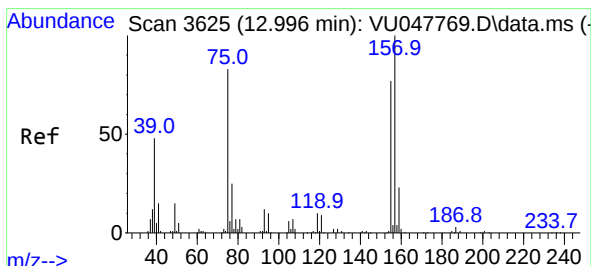
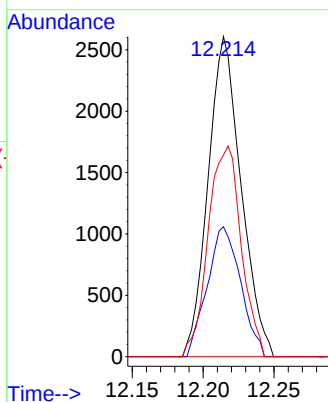
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05 0.5ppb



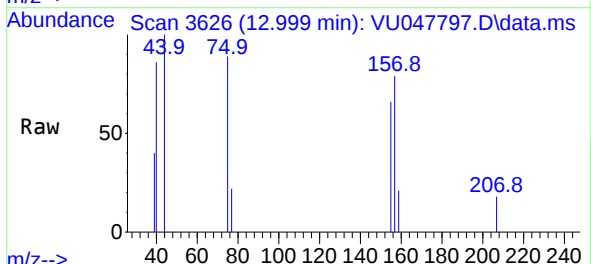
Tgt Ion:	146	Resp:	422
Ion Ratio	Lower	Upper	
146	100		
111	41.1	19.9	59.6
148	65.9	32.1	96.5

Manual Integrations
 APPROVED

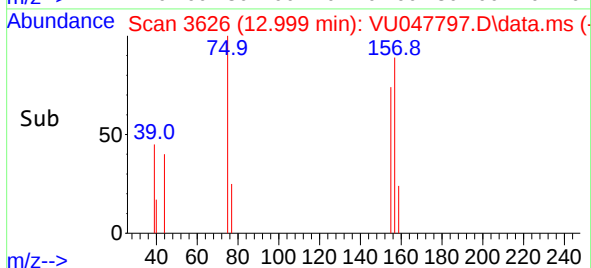
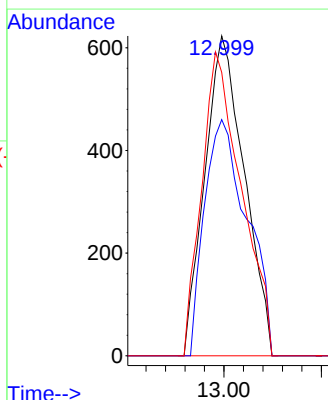
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

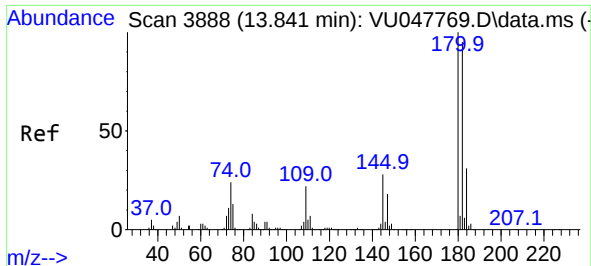


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.651 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU047797.D
 Acq: 02 Apr 2022 13:46



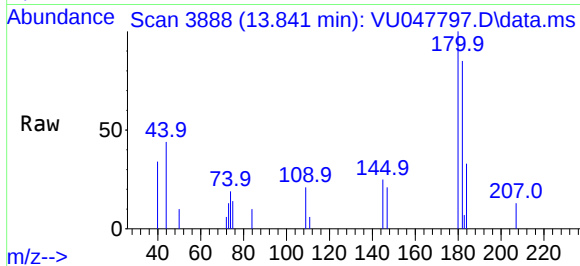
Tgt Ion:	75	Resp:	878
Ion Ratio	Lower	Upper	
75	100		
155	79.6	47.8	143.4
157	95.4	62.2	186.5





#93
1,2,4-Trichlorobenzene
Concen: 0.555 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

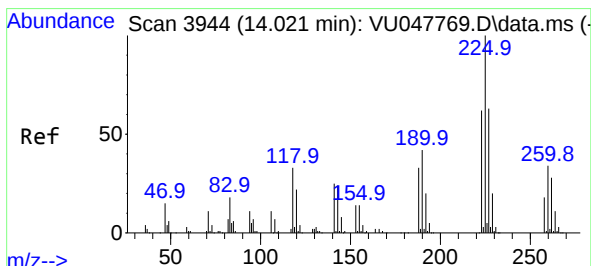
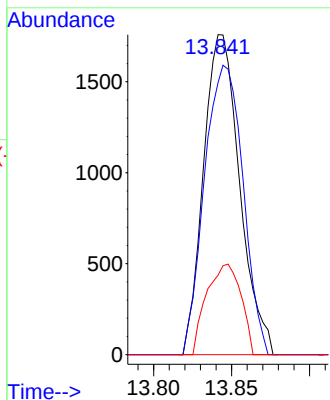
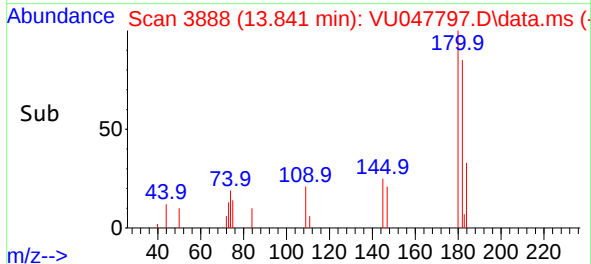
Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb



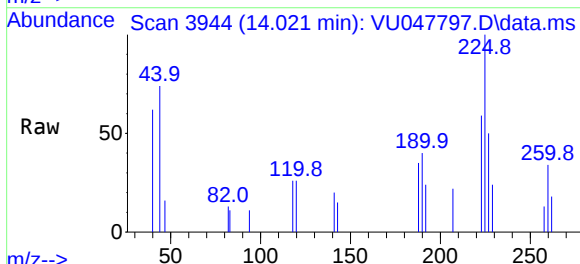
Tgt Ion:180 Resp: 2840
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.6
145 26.7 14.0 41.9

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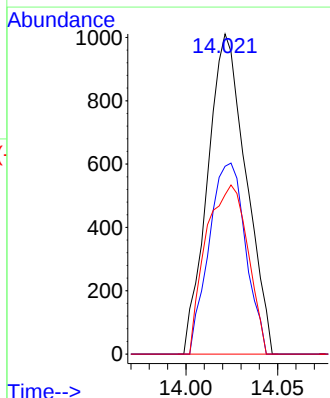
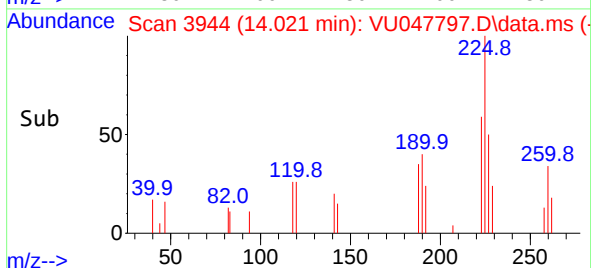
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

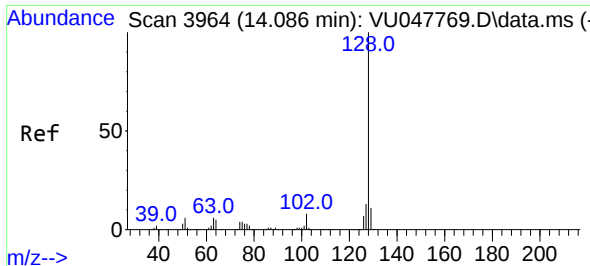


#94
Hexachlorobutadiene
Concen: 0.571 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46



Tgt Ion:225 Resp: 1472
Ion Ratio Lower Upper
225 100
223 56.9 31.3 93.9
227 57.5 32.0 96.2





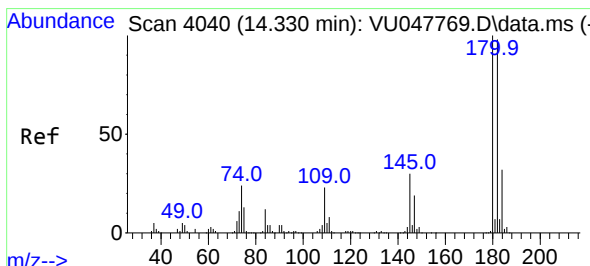
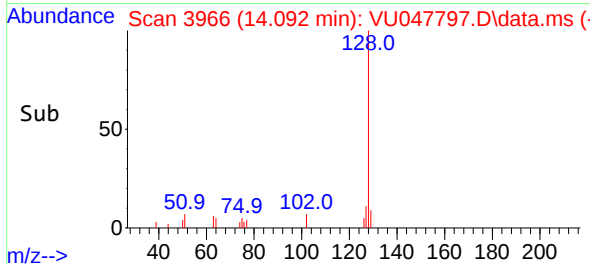
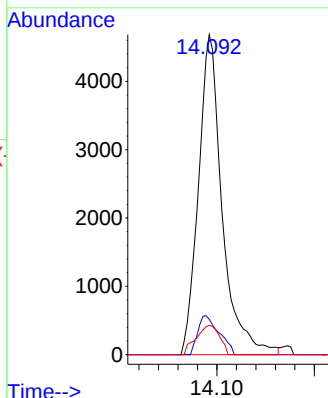
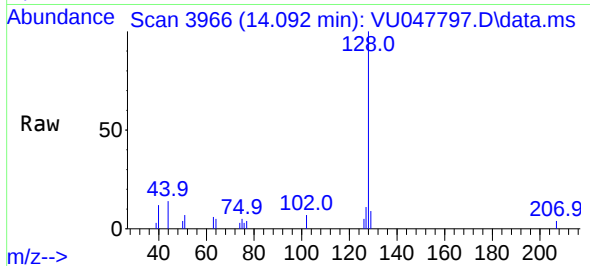
#95
Naphthalene
Concen: 0.520 ug/l
RT: 14.092 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
MDL05 0.5ppb

Tgt Ion:128 Resp: 7919
Ion Ratio Lower Upper
128 100
127 10.9 10.3 15.5
129 9.0 8.6 13.0

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



#96
1,2,3-Trichlorobenzene
Concen: 0.604 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047797.D
Acq: 02 Apr 2022 13:46

Tgt Ion:180 Resp: 3010
Ion Ratio Lower Upper
180 100
182 86.3 48.4 145.0
145 28.8 14.8 44.4

