

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043737.D
 Acq On : 14 May 2021 06:33
 Operator : SY/MD
 Sample : M2395-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 08:03:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	401576	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	388391	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	205978	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	166739	50.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.30%			
7) Chloroethane-d5	1.913	69	124664	52.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.28%			
11) 1,1-Dichloroethene-d2	2.575	63	300892	53.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.30%			
21) 2-Butanone-d5	4.626	46	284123	109.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.24%			
24) Chloroform-d	5.073	84	308122	54.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.22%			
26) 1,2-Dichloroethane-d4	5.710	65	189092	54.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.12%			
32) Benzene-d6	5.736	84	632024	54.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.82%			
36) 1,2-Dichloropropane-d6	6.697	67	205743	54.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.60%			
41) Toluene-d8	7.906	98	573330	55.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.70%			
43) trans-1,3-Dichloroprop...	8.186	79	86208	52.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.04%			
47) 2-Hexanone-d5	8.639	63	192950	107.33	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.33%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	297670	52.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.78%			
66) 1,2-Dichlorobenzene-d4	12.198	152	221567	54.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.00%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	177951	52.65	ug/L	99
3) Chloromethane	1.524	50	216647	53.01	ug/L	98
5) Vinyl chloride	1.607	62	214924	54.10	ug/L	100
6) Bromomethane	1.851	94	117117	60.46	ug/L	97
8) Chloroethane	1.935	64	121316	53.94	ug/L	98
9) Trichlorofluoromethane	2.141	101	243609	54.24	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	153715	52.30	ug/L	99
12) 1,1-Dichloroethene	2.585	96	159259	54.94	ug/L	96
13) Acetone	2.626	43	199022	109.60	ug/L	98
14) Carbon disulfide	2.800	76	484831	52.97	ug/L	100
15) Methyl Acetate	2.951	43	184330	44.73	ug/L	99
16) Methylene chloride	3.054	84	191392	44.08	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	164185	54.75	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	509654	56.03	ug/L	100
19) 1,1-Dichloroethane	3.877	63	325657	55.55	ug/L	99
20) cis-1,2-Dichloroethene	4.675	96	185662	56.19	ug/L	97
22) 2-Butanone	4.707	43	334591	111.94	ug/L	100
23) Bromochloromethane	4.983	128	99696	55.60	ug/L	98
25) Chloroform	5.096	83	318694	55.51	ug/L	99

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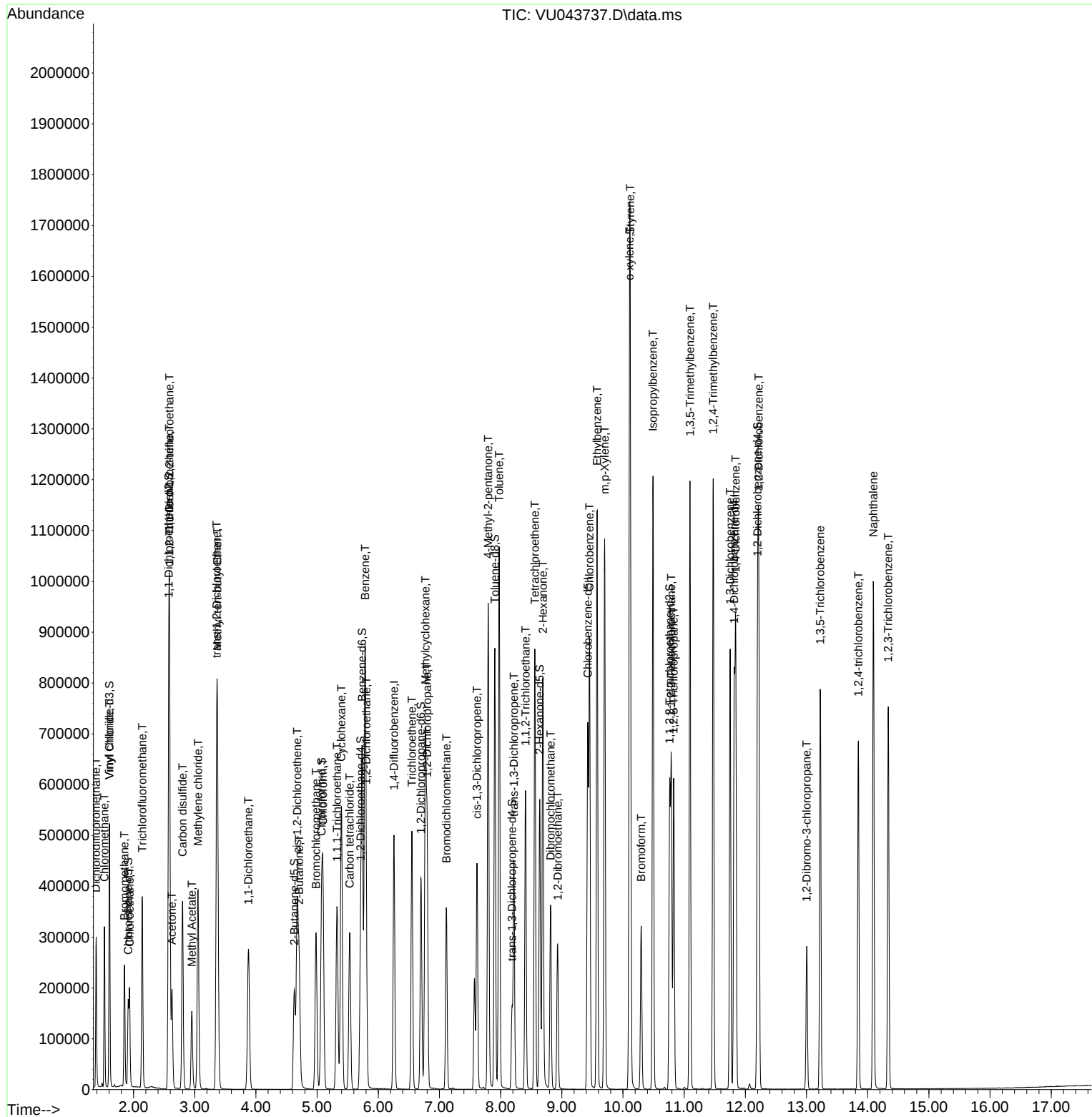
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	243840	55.10	ug/L	100
29) Cyclohexane	5.398	56	287449	55.60	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	261163	55.78	ug/L	99
31) Carbon tetrachloride	5.533	117	214134	55.71	ug/L	100
33) Benzene	5.784	78	737710	56.18	ug/L	100
34) Trichloroethene	6.549	95	172520	54.02	ug/L	98
35) Methylcyclohexane	6.771	83	265122	52.52	ug/L	99
37) 1,2-Dichloropropane	6.800	63	198609	55.39	ug/L	100
38) Bromodichloromethane	7.112	83	233340	54.96	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	266133	54.34	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	609904	113.02	ug/L	100
42) Toluene	7.977	91	774967	56.47	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	247799	53.80	ug/L	99
45) 1,1,2-Trichloroethane	8.408	97	181856	55.06	ug/L	99
46) Tetrachloroethene	8.559	164	199160	79.27	ug/L	99
48) 2-Hexanone	8.690	43	485248	111.97	ug/L	98
49) Dibromochloromethane	8.816	129	186726	55.11	ug/L	99
50) 1,2-Dibromoethane	8.932	107	192864	56.20	ug/L	100
51) Chlorobenzene	9.452	112	461422	54.29	ug/L	99
52) Ethylbenzene	9.578	91	792613	55.95	ug/L	100
53) m,p-Xylene	9.700	106	307243	57.29	ug/L	99
54) o-xylene	10.105	106	302413	56.98	ug/L	100
55) Styrene	10.118	104	505575	56.49	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	320946	53.30	ug/L	99
59) Bromoform	10.298	173	146018	54.24	ug/L #	98
60) 1,2,3-Trichloropropane	10.829	75	260779	54.25	ug/L	99
61) Isopropylbenzene	10.491	105	764627	56.83	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	637259	57.04	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	647591	57.71	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	356096	54.42	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	356523	53.41	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	370086	54.30	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	70165	53.31	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	249888	51.53	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	217134	52.41	ug/L	99
71) Naphthalene	14.092	128	785549	56.84	ug/L	100
72) 1,2,3-Trichlorobenzene	14.337	180	238942	54.79	ug/L	99

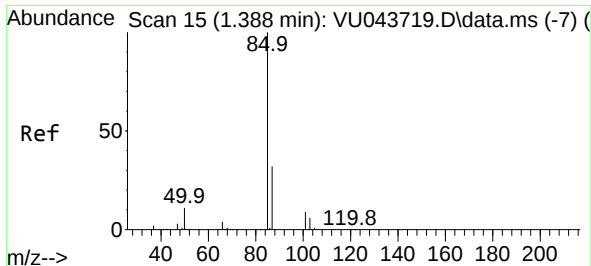
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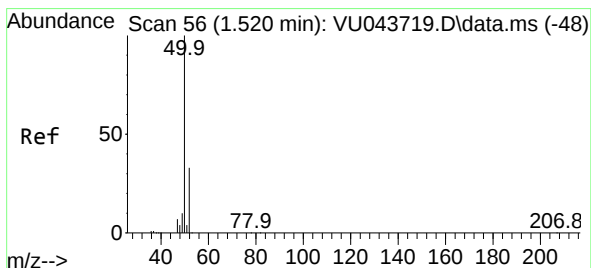
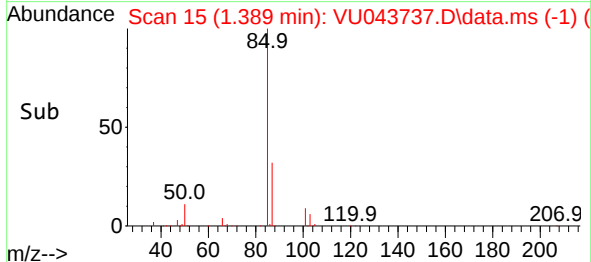
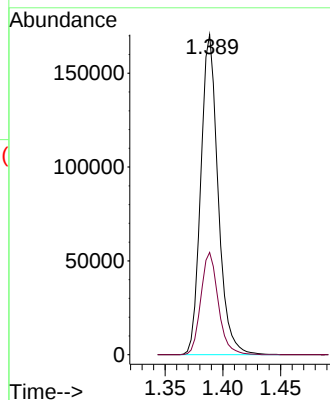
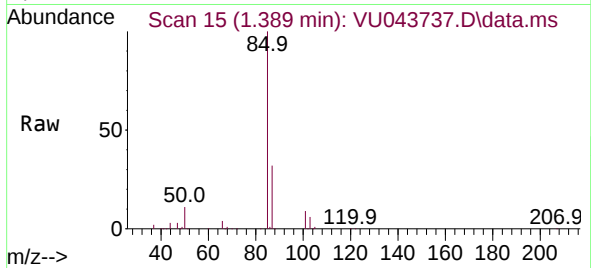




#2
Dichlorodifluoromethane
Concen: 52.65 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

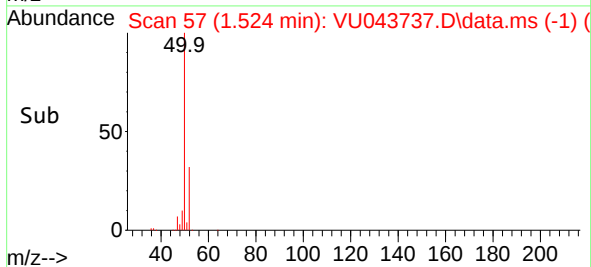
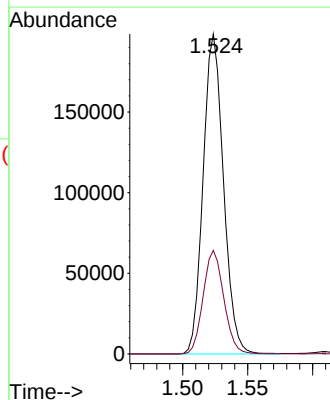
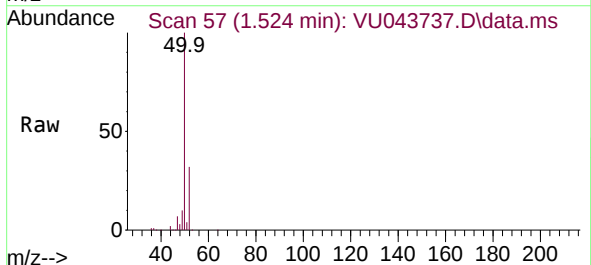
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MSVOA_U
ClientSampled :

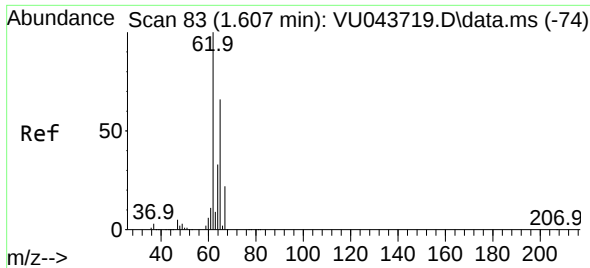
Tgt Ion: 85 Resp: 177951
Ion Ratio Lower Upper
85 100
87 32.1 25.9 38.9



#3
Chloromethane
Concen: 53.01 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.004 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 50 Resp: 216647
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2

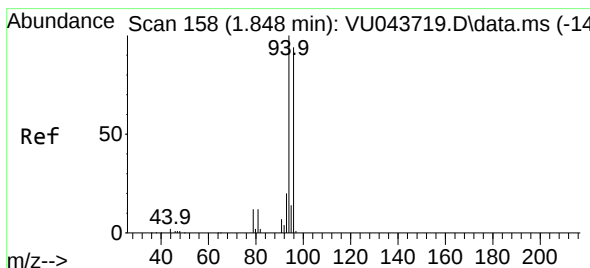
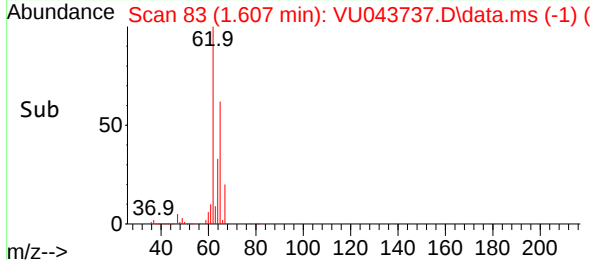
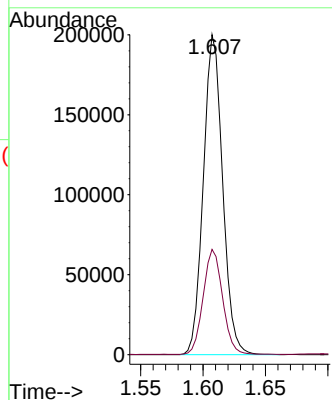
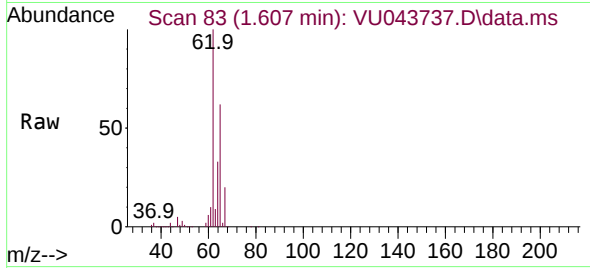




#5
 Vinyl chloride
 Concen: 54.10 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043737.D
 Acq: 14 May 2021 06:33

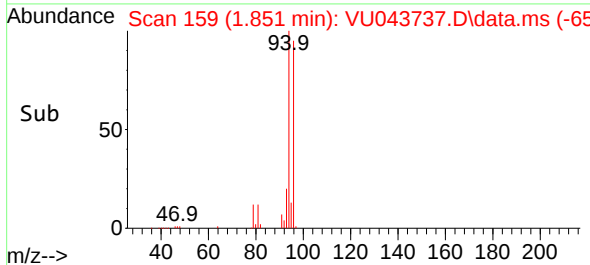
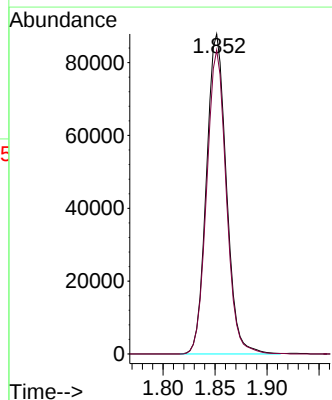
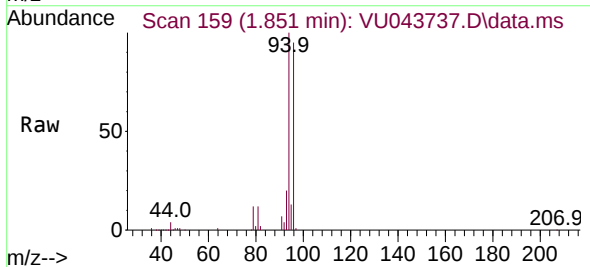
Instrument :
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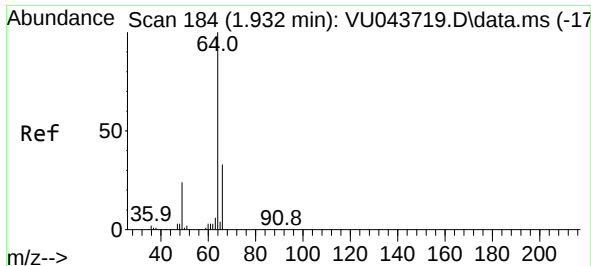
Tgt Ion: 62 Resp: 214924
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 60.46 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VU043737.D
 Acq: 14 May 2021 06:33

Tgt Ion: 94 Resp: 117117
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.2 119.2

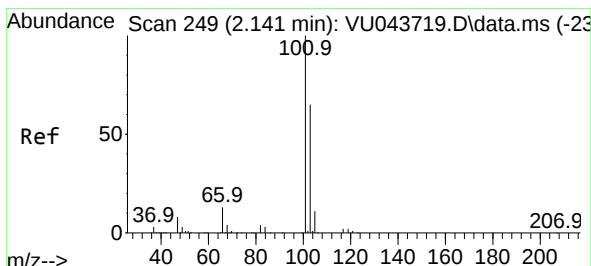
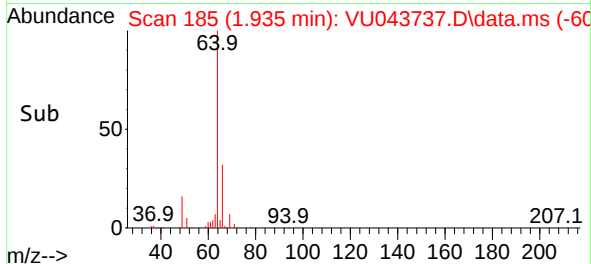
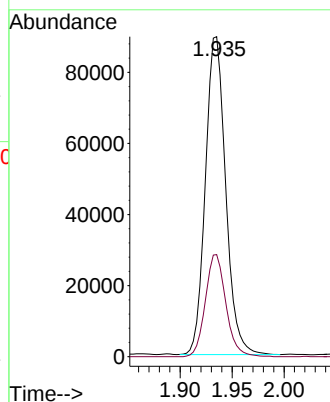
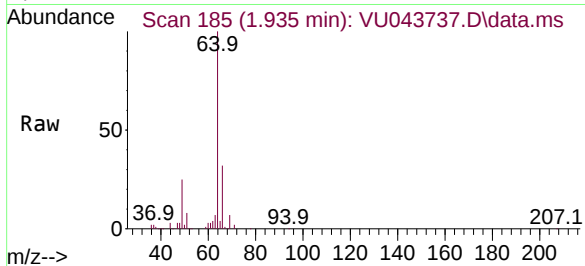




#8
Chloroethane
Concen: 53.94 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.004 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

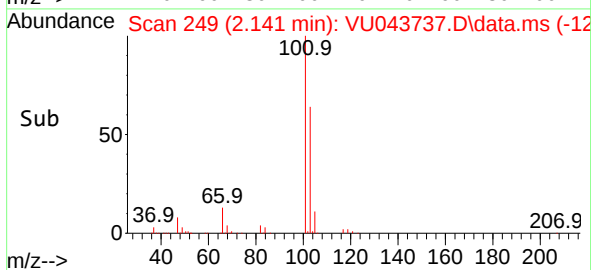
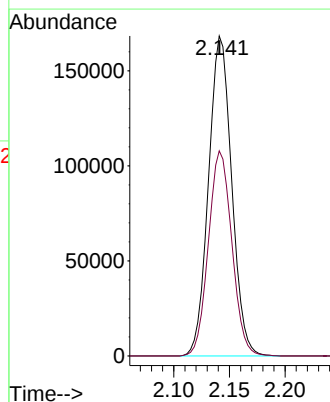
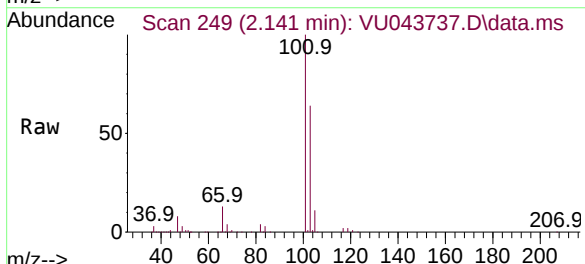
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MSVOA_U
ClientSampled :

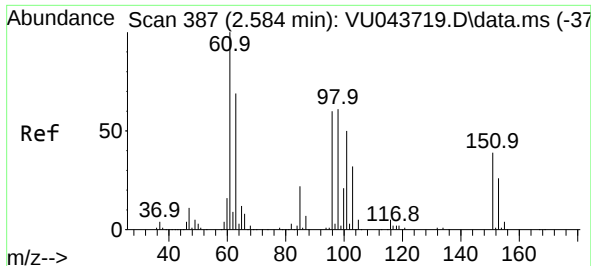
Tgt Ion: 64 Resp: 121316
Ion Ratio Lower Upper
64 100
66 31.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 54.24 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion:101 Resp: 243609
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

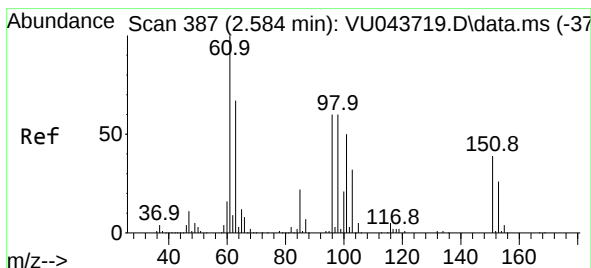
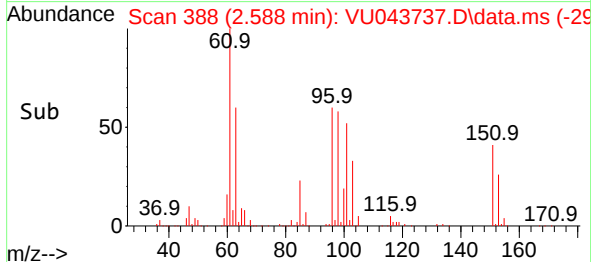
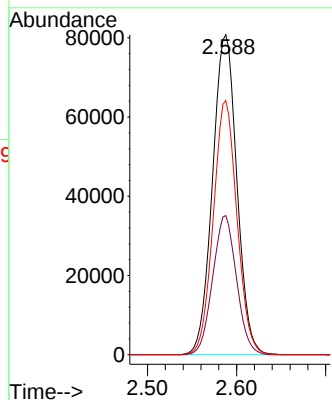
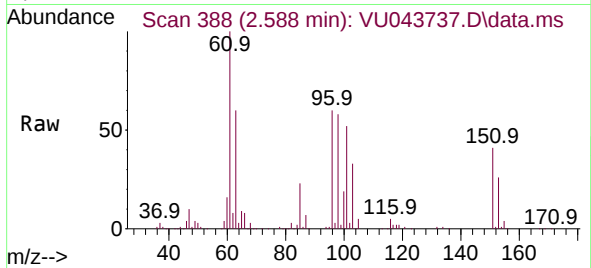




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.30 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.004 min
 Lab File: VU043737.D
 Acq: 14 May 2021 06:33

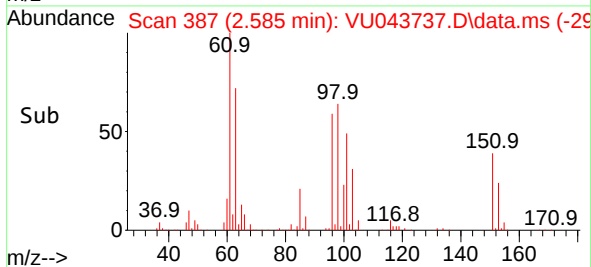
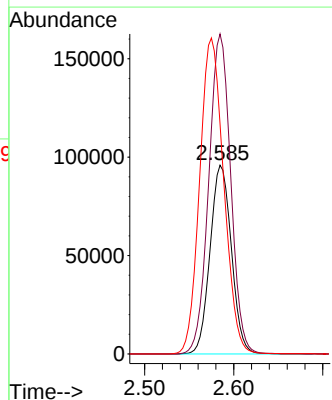
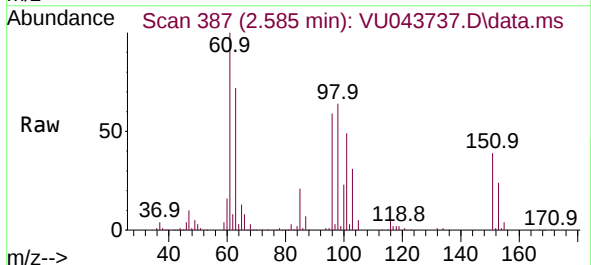
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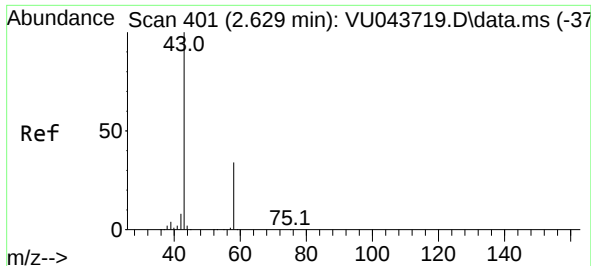
Tgt Ion:101 Resp: 153715
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.2 51.4
 151 77.2 60.4 90.6



#12
 1,1-Dichloroethene
 Concen: 54.94 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU043737.D
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Tgt Ion: 96 Resp: 159259
 Ion Ratio Lower Upper
 96 100
 61 169.5 116.3 215.9
 63 121.9 80.8 150.2

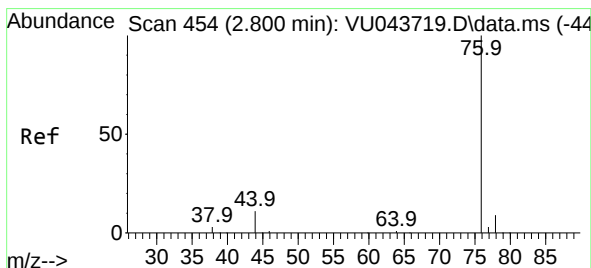
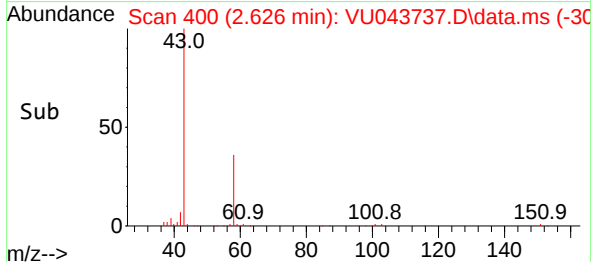
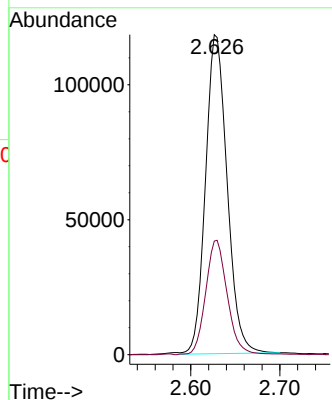
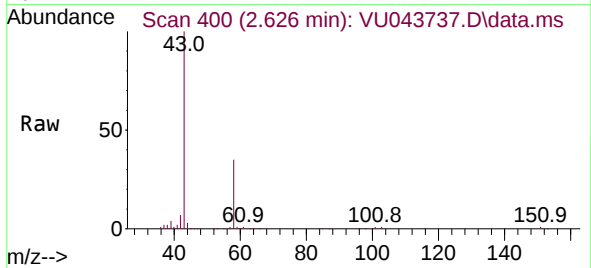




#13
Acetone
Concen: 109.60 ug/L
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

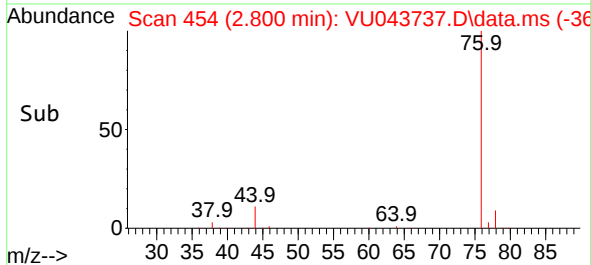
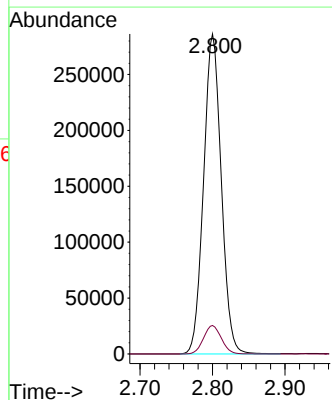
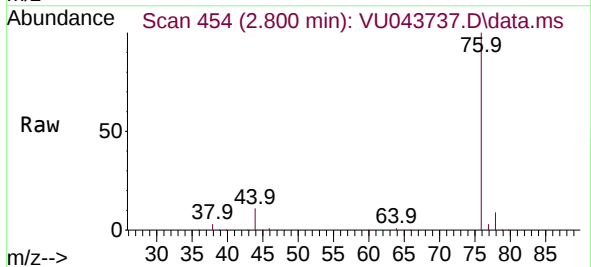
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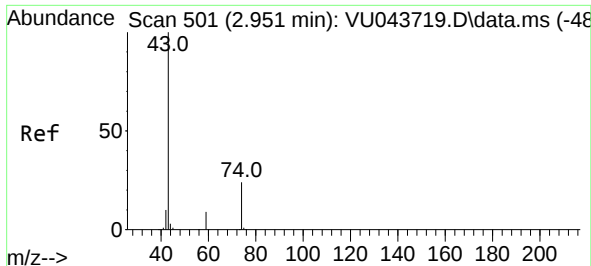
Tgt Ion: 43 Resp: 199022
Ion Ratio Lower Upper
43 100
58 35.9 0.0 69.4



#14
Carbon disulfide
Concen: 52.97 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 76 Resp: 484831
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

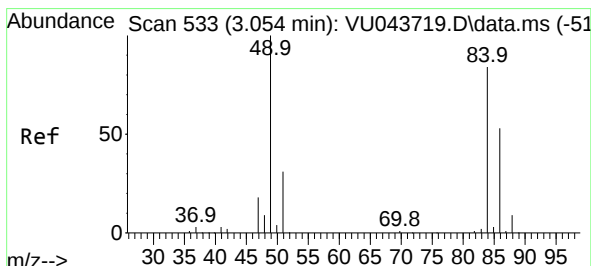
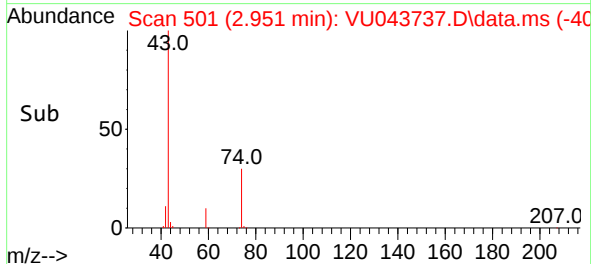
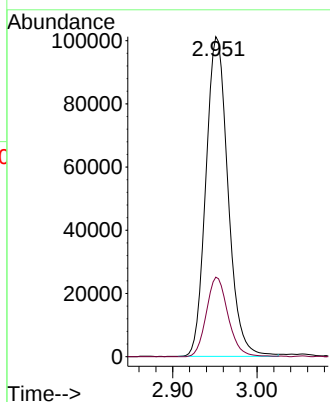
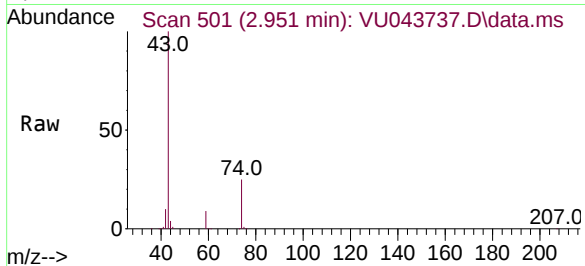




#15
Methyl Acetate
Concen: 44.73 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

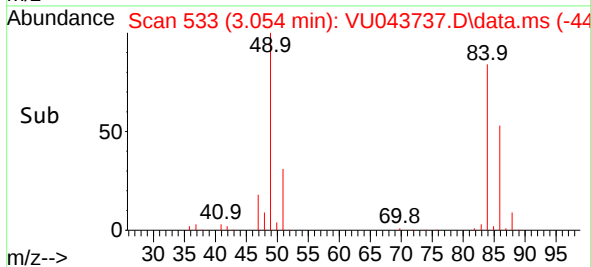
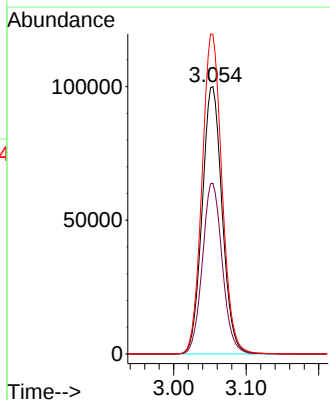
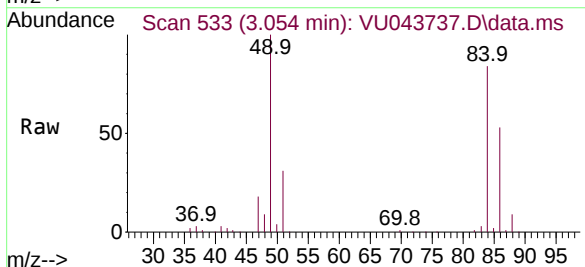
Instrument :
MSVOA_U
ClientSampled :

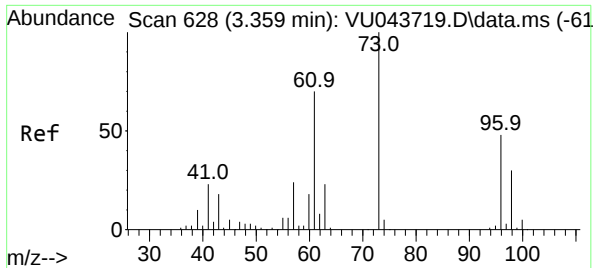
Tgt Ion: 43 Resp: 184330
Ion Ratio Lower Upper
43 100
74 24.5 19.3 28.9



#16
Methylene chloride
Concen: 44.08 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 84 Resp: 191392
Ion Ratio Lower Upper
84 100
86 63.9 44.9 83.5
49 119.6 84.9 157.7

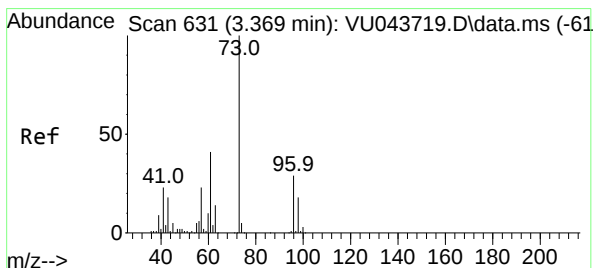
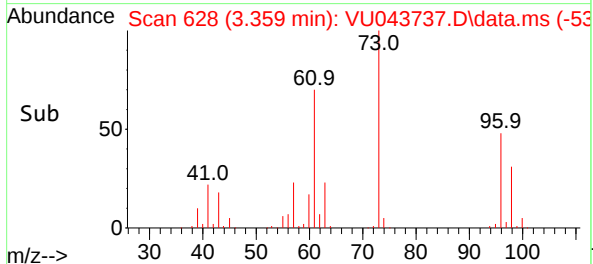
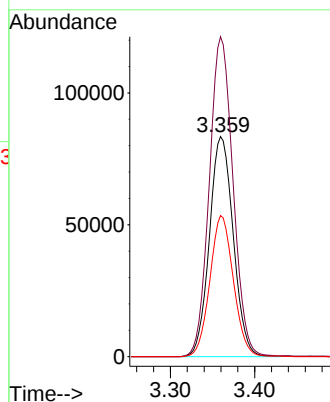
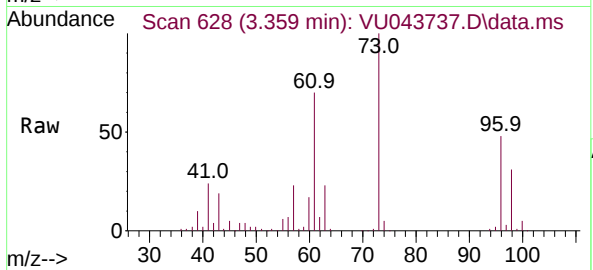




#17
trans-1,2-Dichloroethene
Concen: 54.75 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

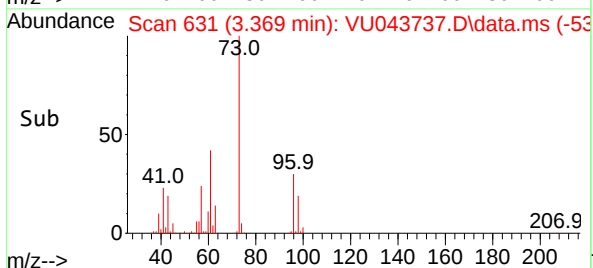
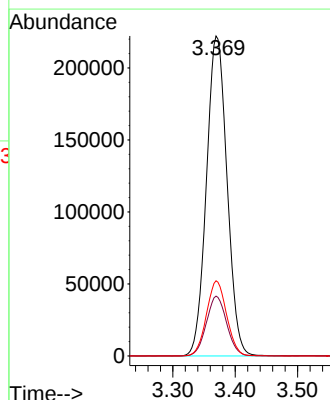
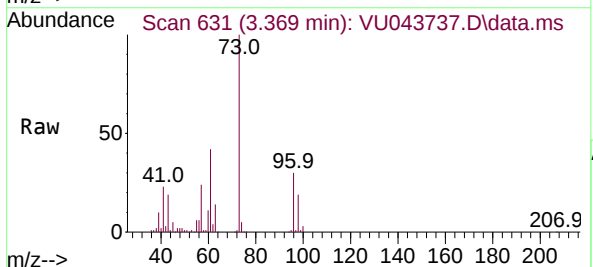
Instrument :
MSVOA_U
ClientSampleId :

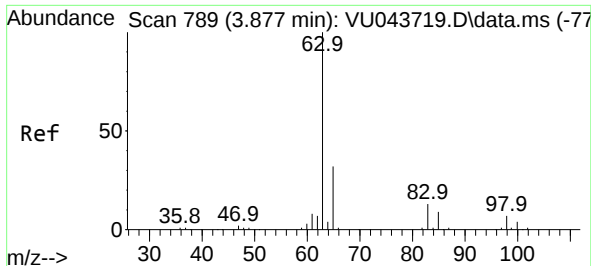
Tgt Ion: 96 Resp: 164185
Ion Ratio Lower Upper
96 100
61 145.4 101.5 188.5
98 64.1 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 56.03 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 73 Resp: 509654
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0
57 23.0 18.2 27.4





#19

1,1-Dichloroethane

Concen: 55.55 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

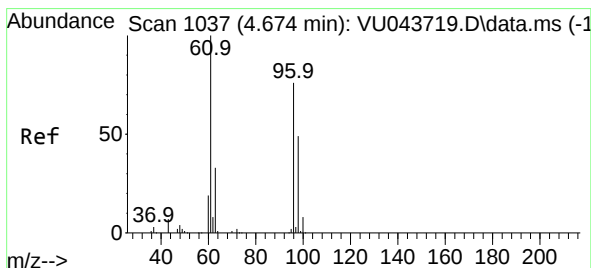
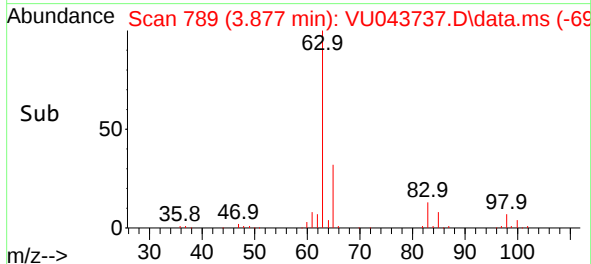
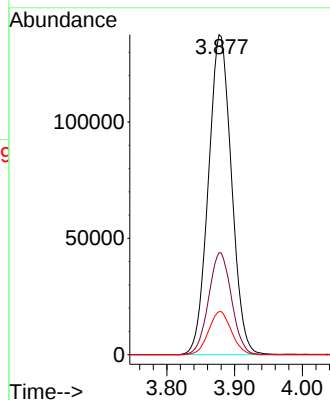
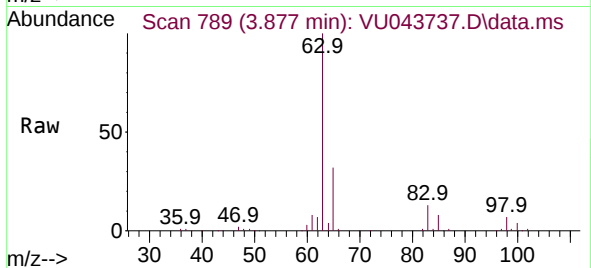
Lab File: VU043737.D

Acq: 14 May 2021 06:33

Tgt Ion: 63 Resp: 325657

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.0	41.0
83	13.5	8.7	16.1

Instrument :
MSVOA_U
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 56.19 ug/L

RT: 4.675 min Scan# 1037

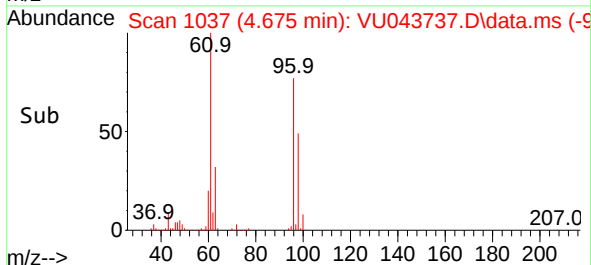
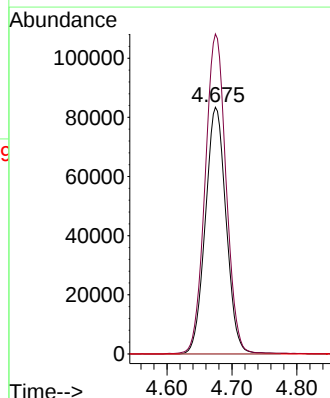
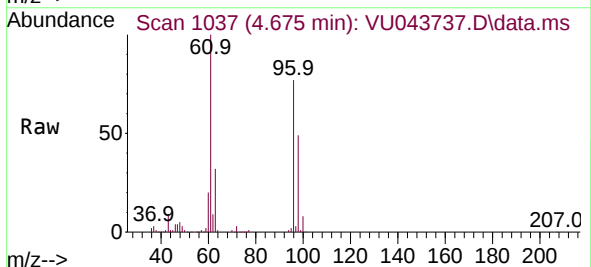
Delta R.T. 0.000 min

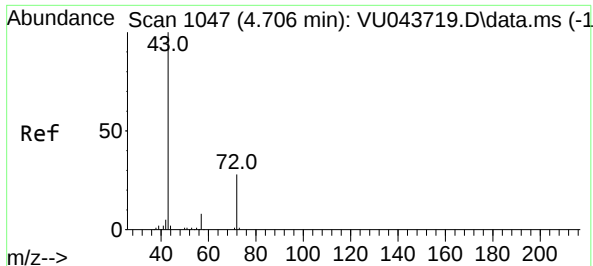
Lab File: VU043737.D

Acq: 14 May 2021 06:33

Tgt Ion: 96 Resp: 185662

Ion	Ratio	Lower	Upper
96	100		
61	129.7	93.1	172.9
68	0.0	0.0	0.0

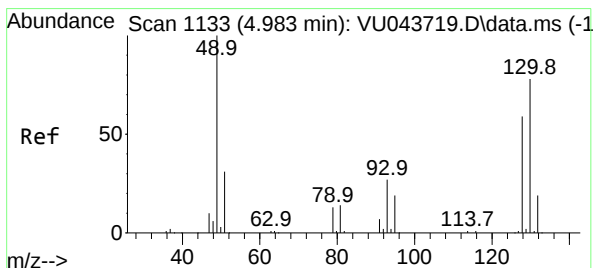
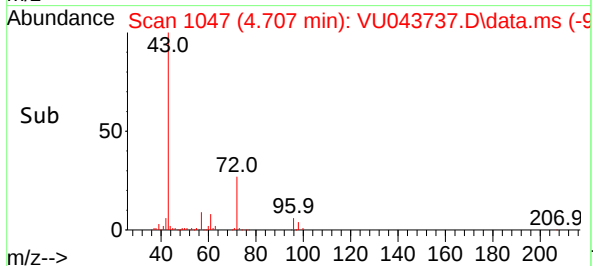
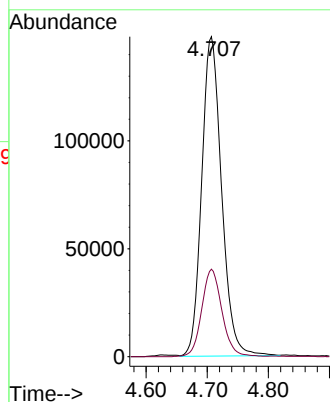
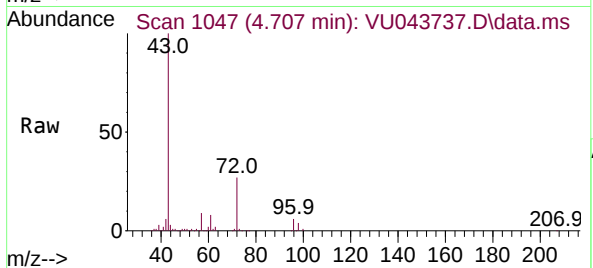




#22
2-Butanone
Concen: 111.94 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

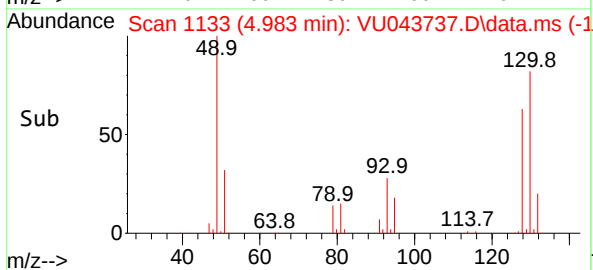
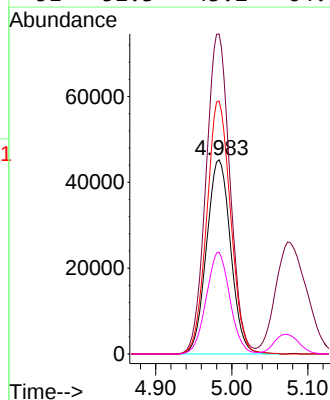
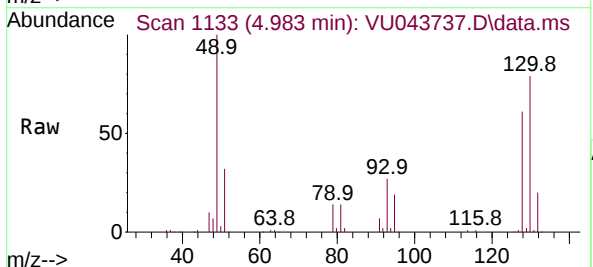
Instrument :
MSVOA_U
ClientSampled :

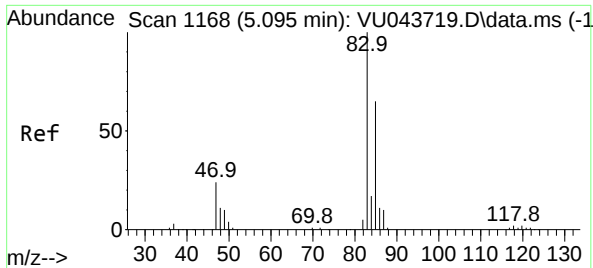
Tgt Ion: 43 Resp: 334591
Ion Ratio Lower Upper
43 100
72 27.9 13.9 41.6



#23
Bromochloromethane
Concen: 55.60 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion:128 Resp: 99696
Ion Ratio Lower Upper
128 100
49 164.7 116.8 216.8
130 130.2 93.3 173.3
51 52.3 43.2 64.8

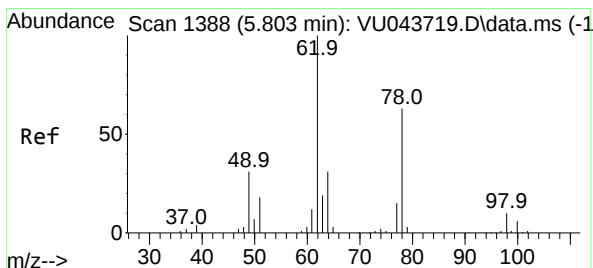
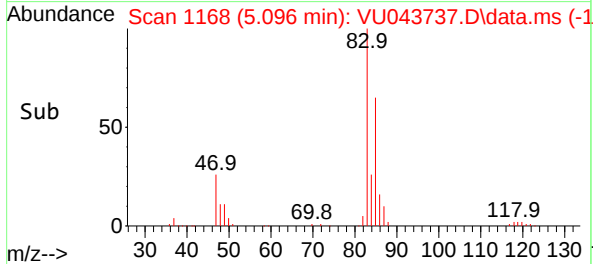
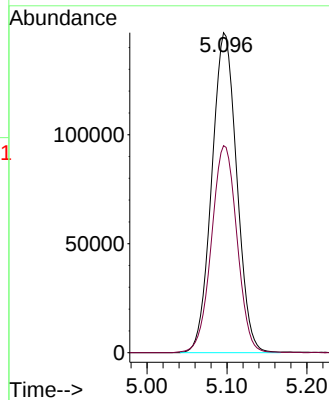
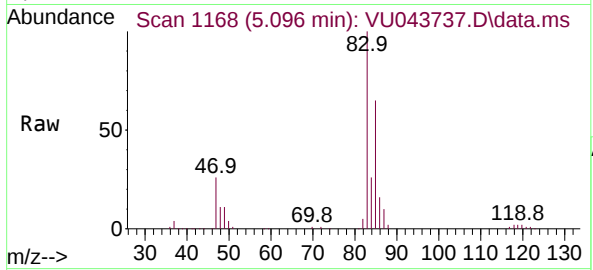




#25
Chloroform
Concen: 55.51 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

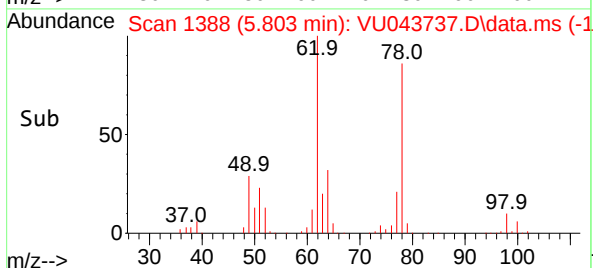
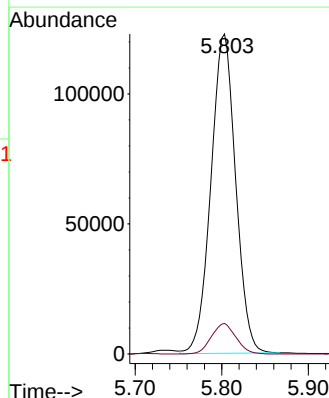
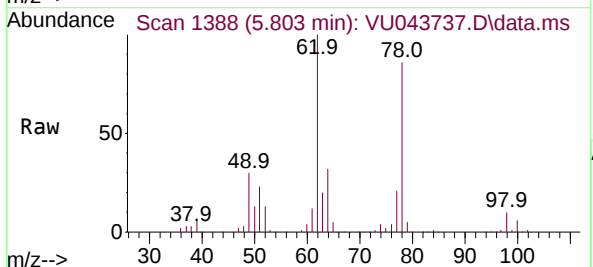
Instrument :
MSVOA_U
ClientSampleId :

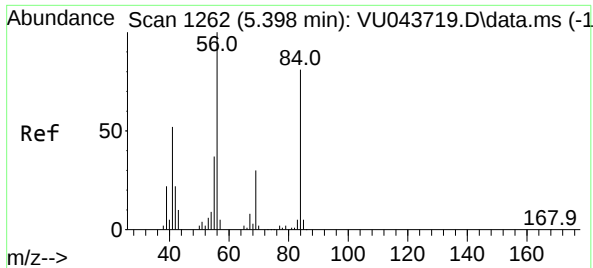
Tgt Ion: 83 Resp: 318694
Ion Ratio Lower Upper
83 100
85 64.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 55.10 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 62 Resp: 243840
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 55.60 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.000 min

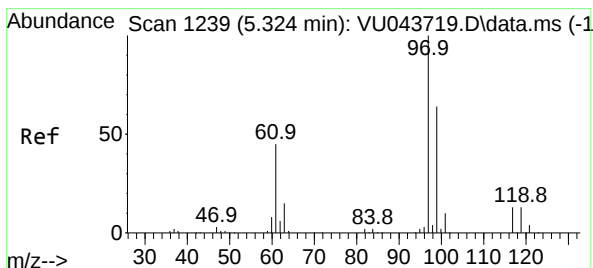
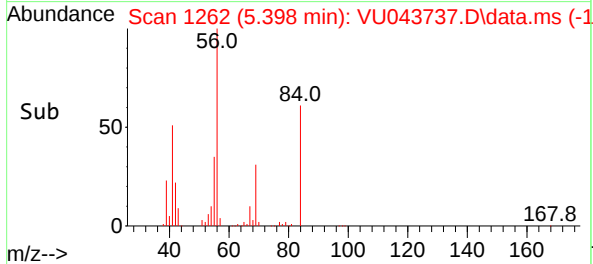
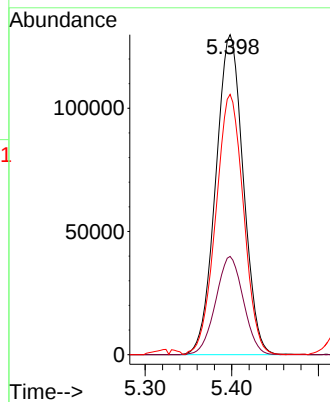
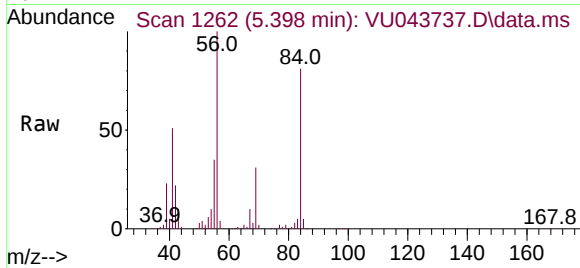
Lab File: VU043737.D

Acq: 14 May 2021 06:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 287449

Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	37.0
84	81.7	65.0	97.4



#30

1,1,1-Trichloroethane

Concen: 55.78 ug/L

RT: 5.324 min Scan# 1239

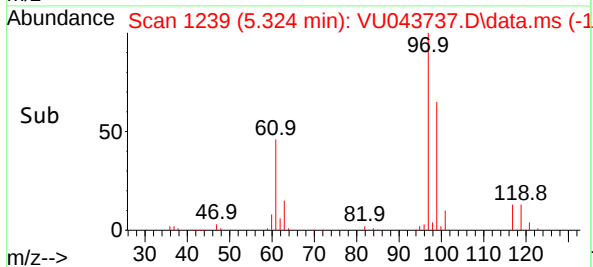
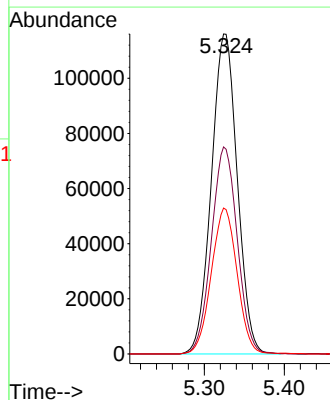
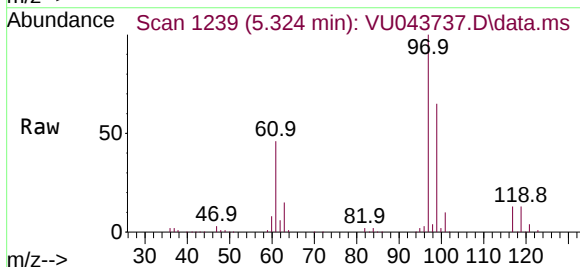
Delta R.T. 0.000 min

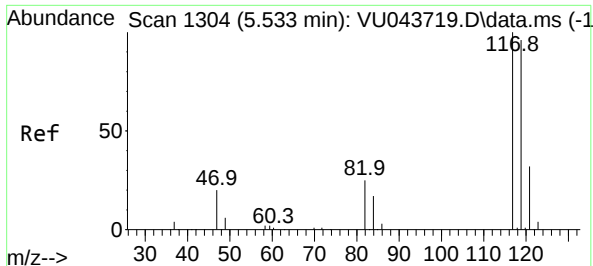
Lab File: VU043737.D

Acq: 14 May 2021 06:33

Tgt Ion: 97 Resp: 261163

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	45.4	36.9	55.3

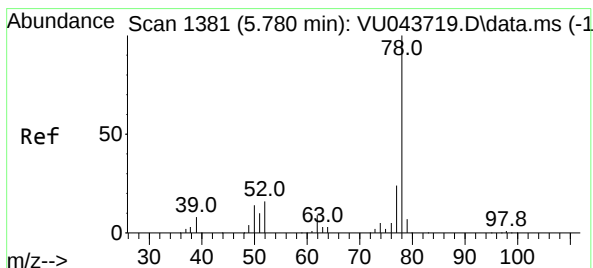
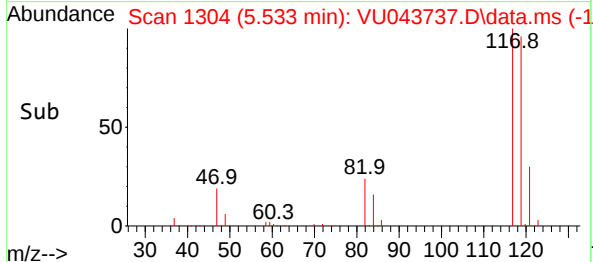
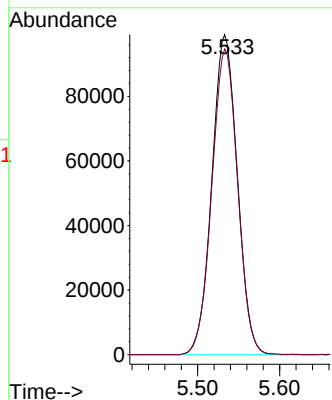
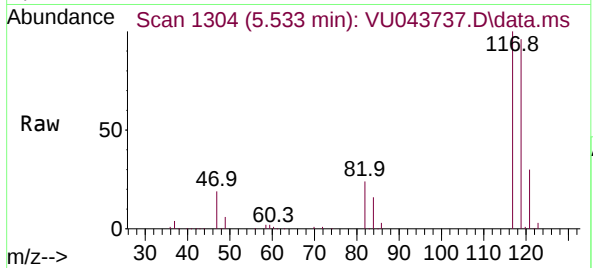




#31
Carbon tetrachloride
Concen: 55.71 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

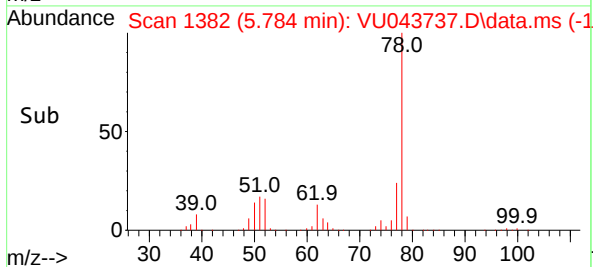
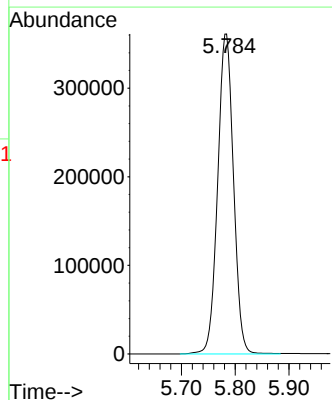
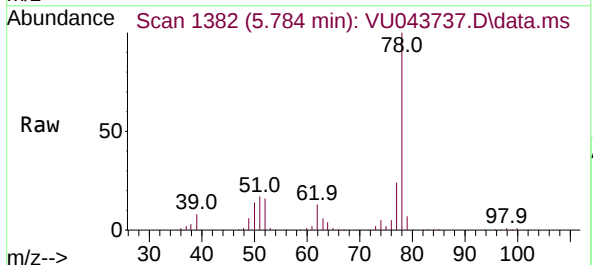
Instrument :
MSVOA_U
ClientSampled :

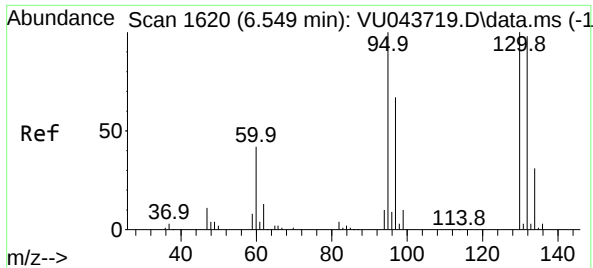
Tgt Ion:117 Resp: 214134
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.6



#33
Benzene
Concen: 56.18 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 78 Resp: 737710

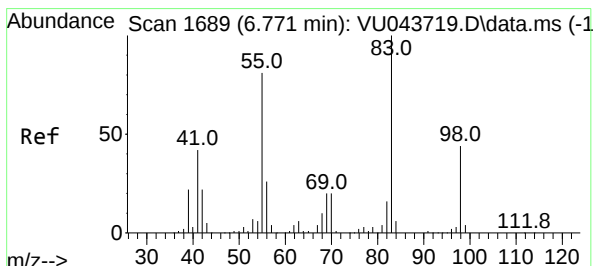
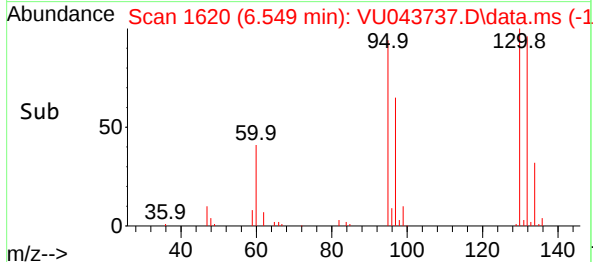
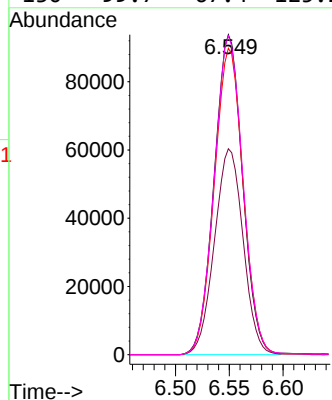
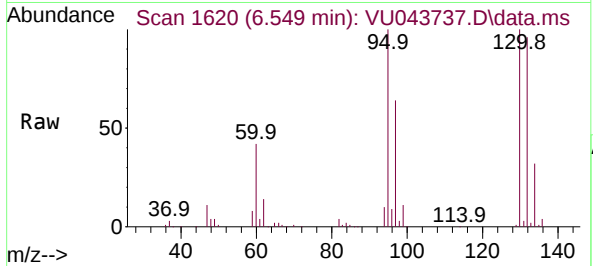




#34
Trichloroethene
Concen: 54.02 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

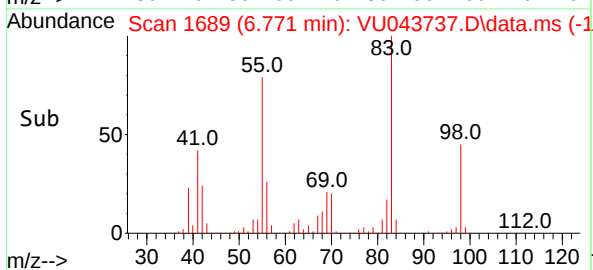
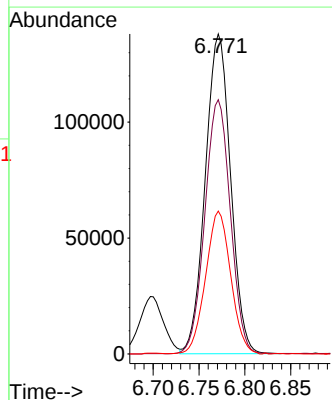
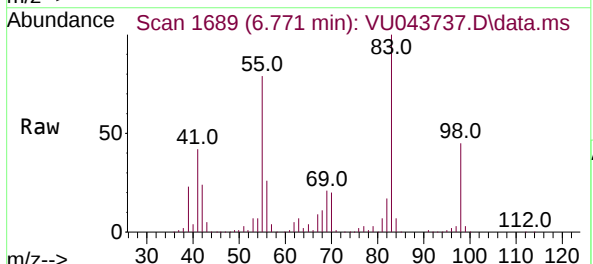
Instrument :
MSVOA_U
ClientSampleId :

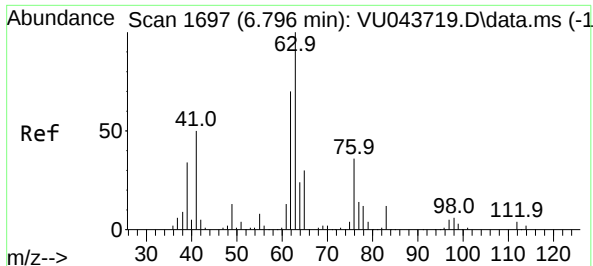
Tgt Ion: 95 Resp: 172520
Ion Ratio Lower Upper
95 100
97 64.4 44.2 82.2
132 95.8 66.8 124.2
130 99.7 67.4 125.2



#35
Methylcyclohexane
Concen: 52.52 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 83 Resp: 265122
Ion Ratio Lower Upper
83 100
55 80.0 63.8 95.6
98 44.4 36.2 54.2



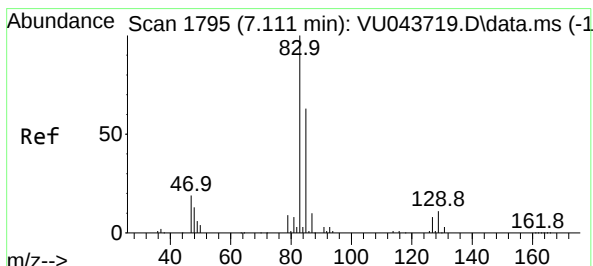
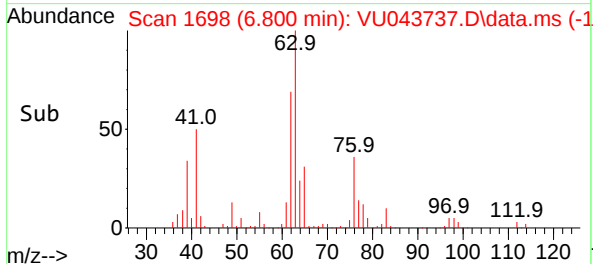
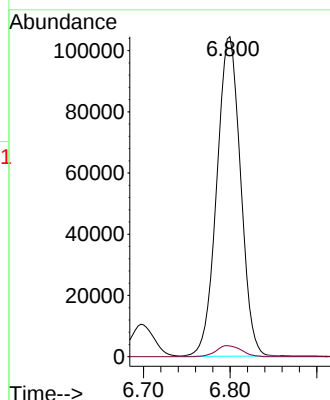
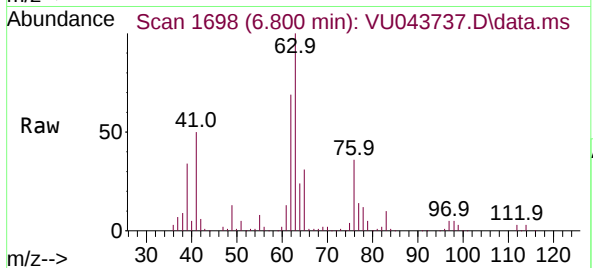


#37

1,2-Dichloropropane
Concen: 55.39 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.003 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Instrument :
MSVOA_U
ClientSampled :

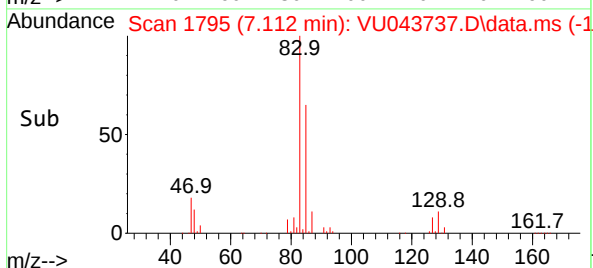
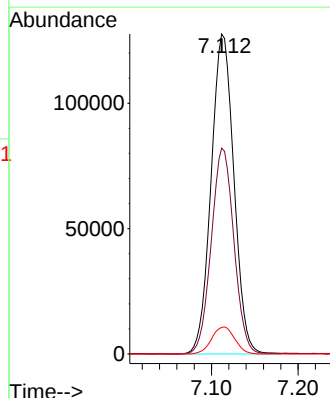
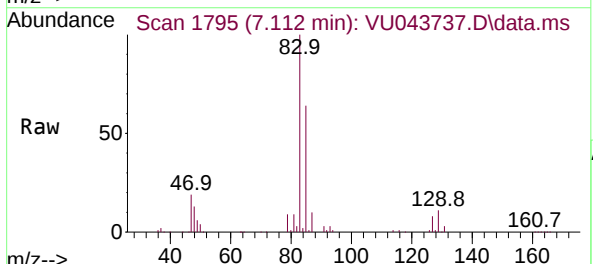
Tgt Ion: 63 Resp: 198609
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4

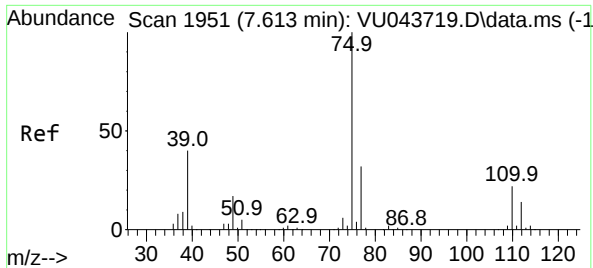


#38

Bromodichloromethane
Concen: 54.96 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 83 Resp: 233340
Ion Ratio Lower Upper
83 100
85 64.4 44.3 82.3
127 8.3 6.6 9.8



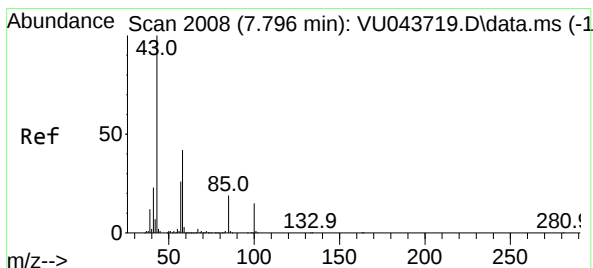
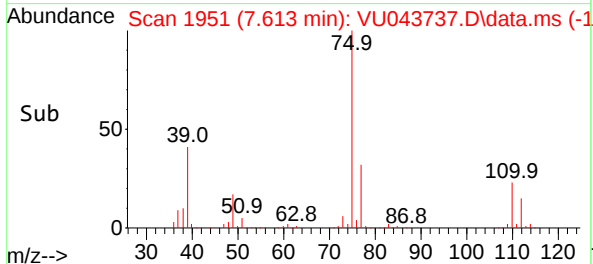
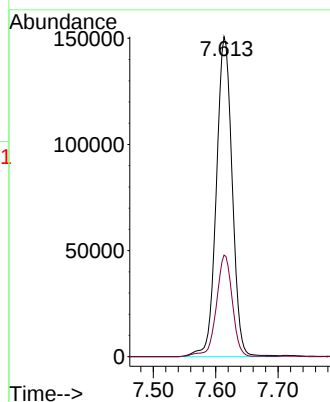
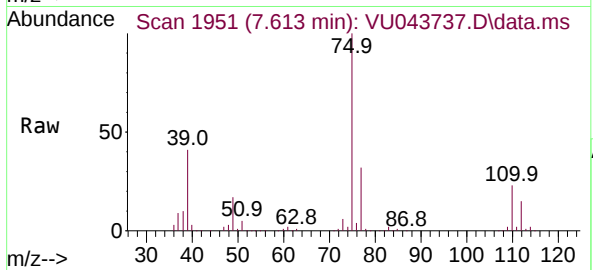


#39

cis-1,3-Dichloropropene
Concen: 54.34 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Instrument :
MSVOA_U
ClientSampled :

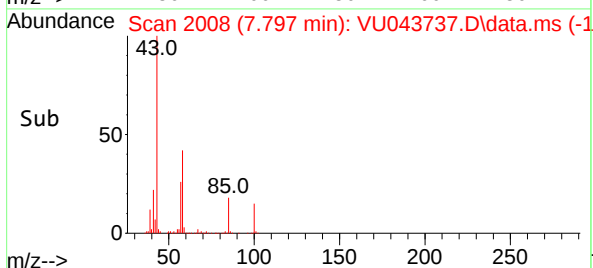
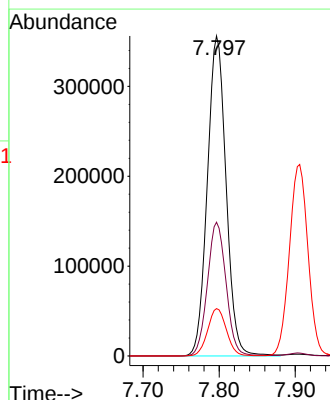
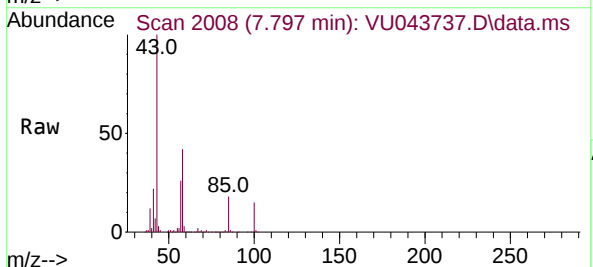
Tgt Ion: 75 Resp: 266133
Ion Ratio Lower Upper
75 100
77 31.8 22.0 41.0

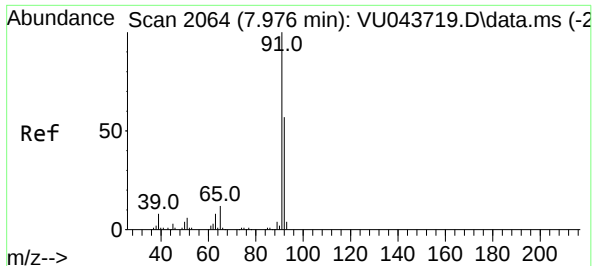


#40

4-Methyl-2-pentanone
Concen: 113.02 ug/L
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 43 Resp: 609904
Ion Ratio Lower Upper
43 100
58 41.6 33.4 50.0
100 14.8 12.2 18.2





#42

Toluene

Concen: 56.47 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043737.D

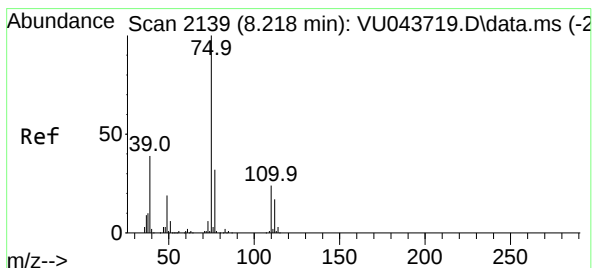
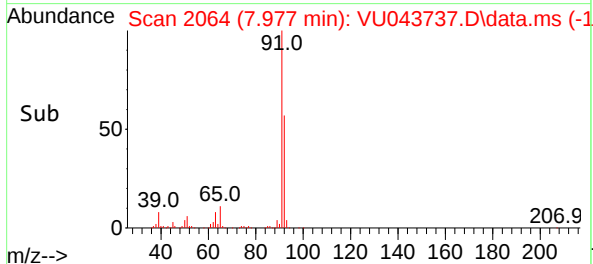
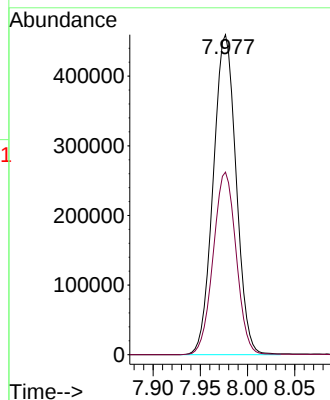
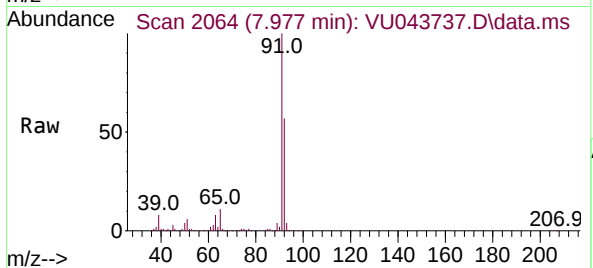
Acq: 14 May 2021 06:33

Tgt Ion: 91 Resp: 774967

Ion Ratio Lower Upper

91 100

92 57.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 53.80 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043737.D

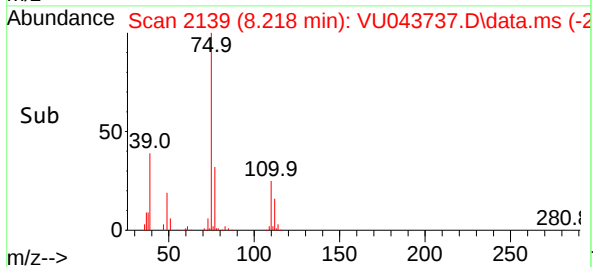
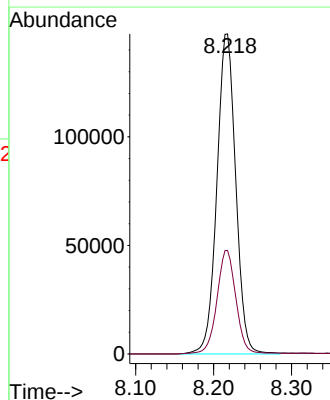
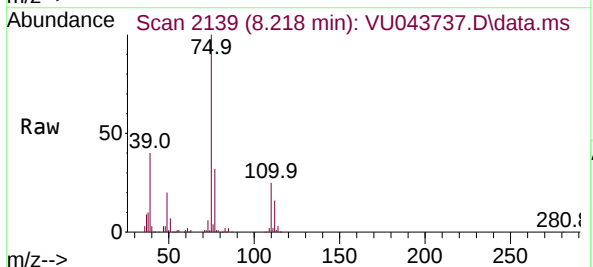
Acq: 14 May 2021 06:33

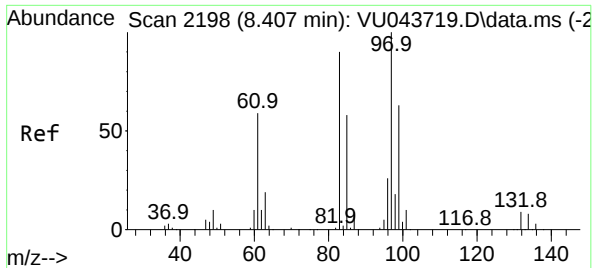
Tgt Ion: 75 Resp: 247799

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6

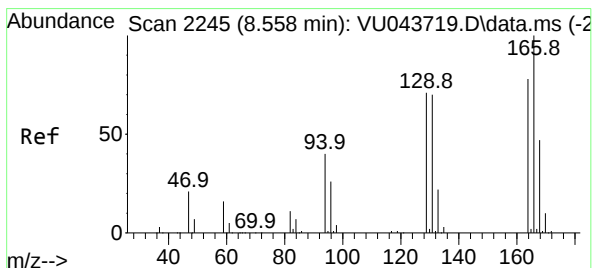
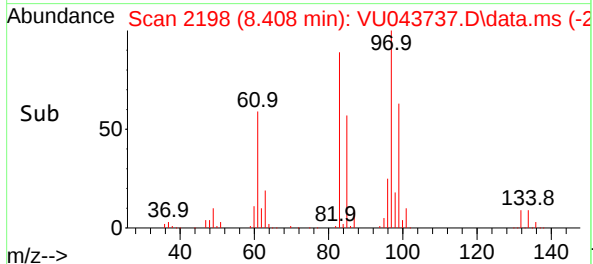
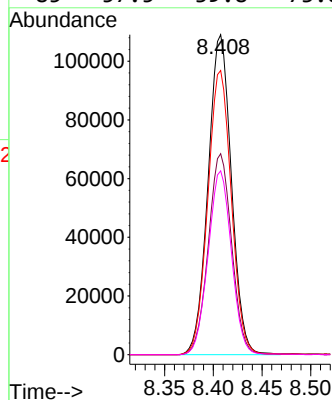
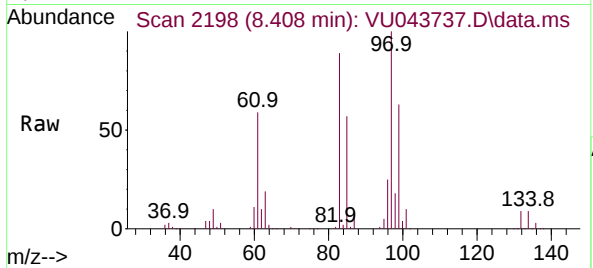




#45
1,1,2-Trichloroethane
Concen: 55.06 ug/L
RT: 8.408 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

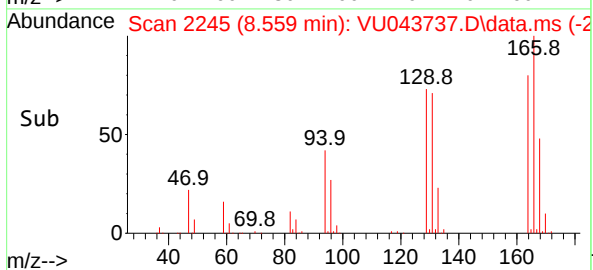
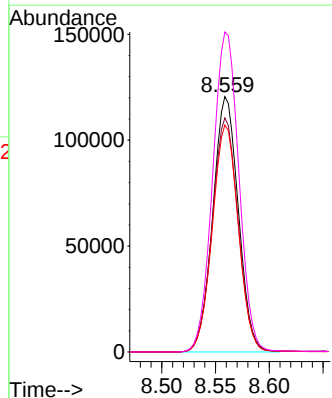
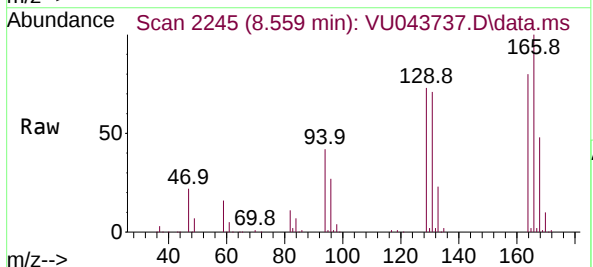
Instrument :
MSVOA_U
ClientSampleId :

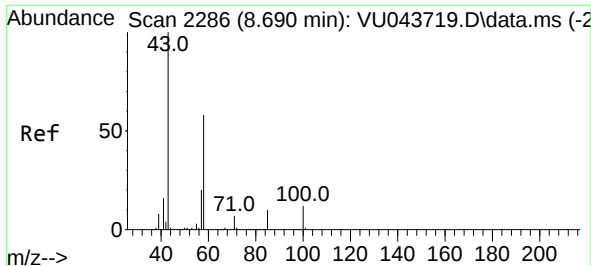
Tgt Ion:	97	Resp:	181856
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.2	80.2
83	88.8	61.7	114.5
85	57.5	39.8	73.8



#46
Tetrachloroethene
Concen: 79.27 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion:	164	Resp:	199160
Ion	Ratio	Lower	Upper
164	100		
129	91.6	65.5	121.6
131	88.8	63.0	117.0
166	125.3	88.6	164.6

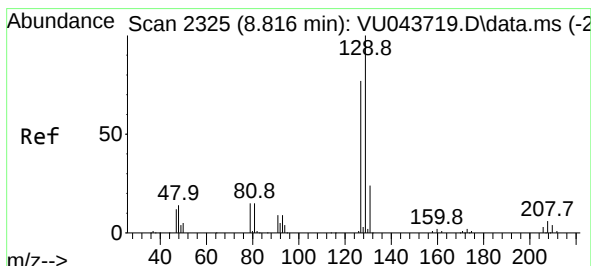
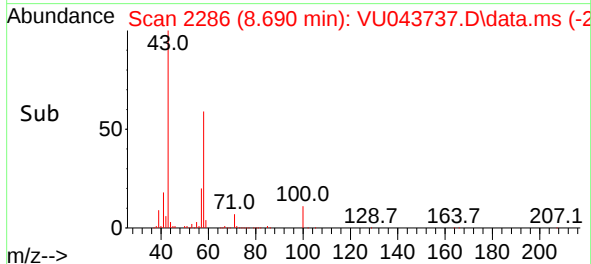
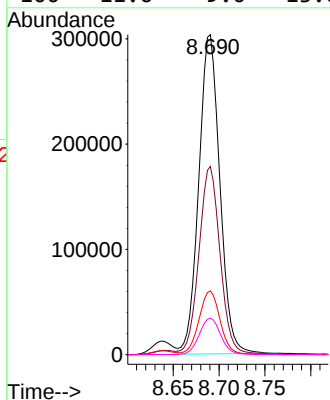
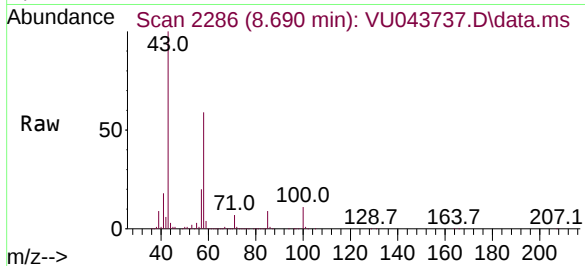




#48
2-Hexanone
Concen: 111.97 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

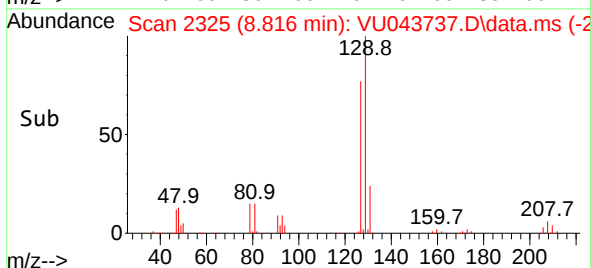
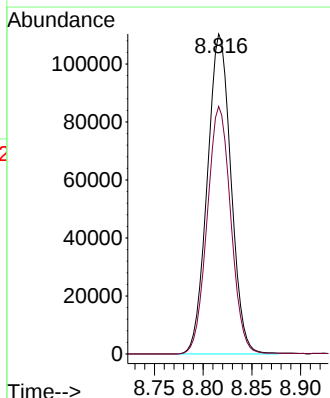
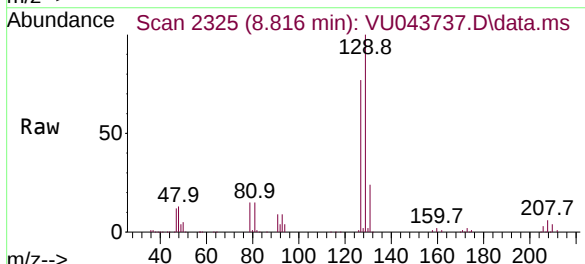
Instrument :
MSVOA_U
ClientSampleId :

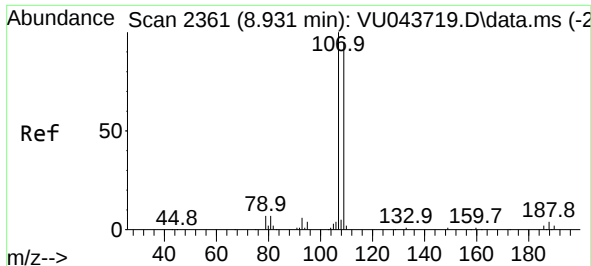
Tgt Ion: 43	Resp: 485248
Ion Ratio	Lower Upper
43 100	
58 59.6	46.2 69.2
57 19.8	15.9 23.9
100 11.6	9.0 13.6



#49
Dibromochloromethane
Concen: 55.11 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion:129	Resp: 186726
Ion Ratio	Lower Upper
129 100	
127 77.4	54.5 101.1





#50

1,2-Dibromoethane

Concen: 56.20 ug/L

RT: 8.932 min Scan# 2361

Delta R.T. 0.000 min

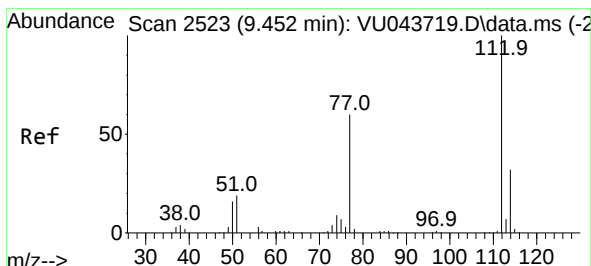
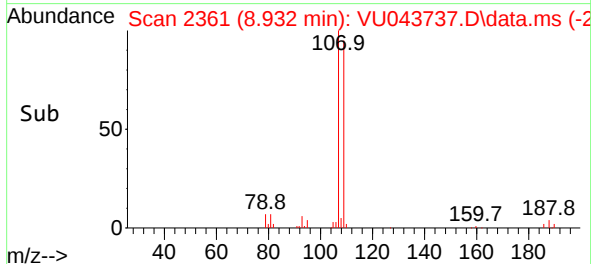
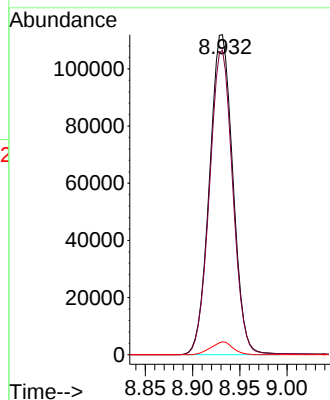
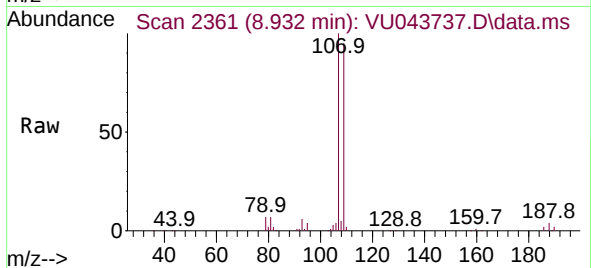
Lab File: VU043737.D

Acq: 14 May 2021 06:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:107 Resp: 192864

Ion	Ratio	Lower	Upper
107	100		
109	95.2	66.5	123.5
188	4.0	3.2	4.8



#51

Chlorobenzene

Concen: 54.29 ug/L

RT: 9.452 min Scan# 2523

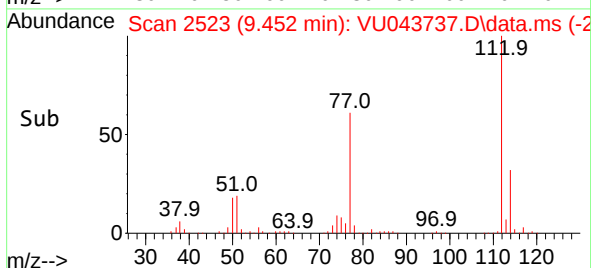
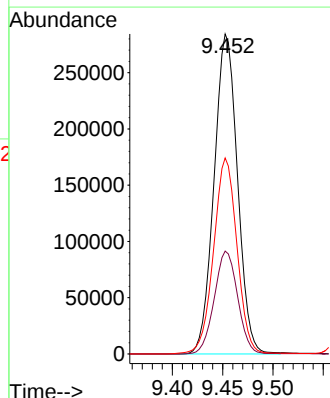
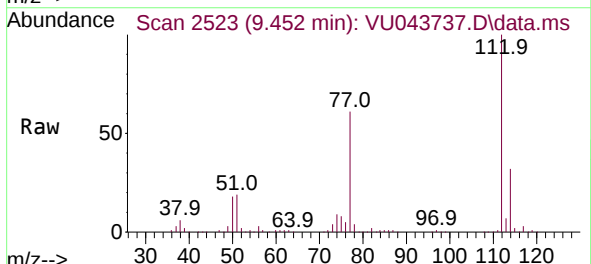
Delta R.T. 0.000 min

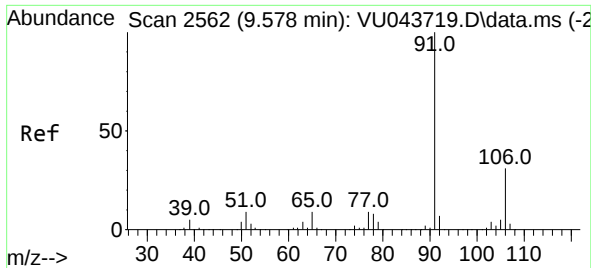
Lab File: VU043737.D

Acq: 14 May 2021 06:33

Tgt Ion:112 Resp: 461422

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	61.3	48.5	72.7

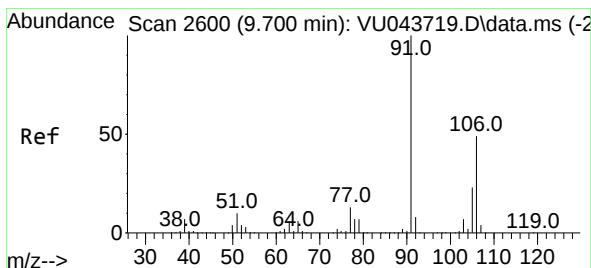
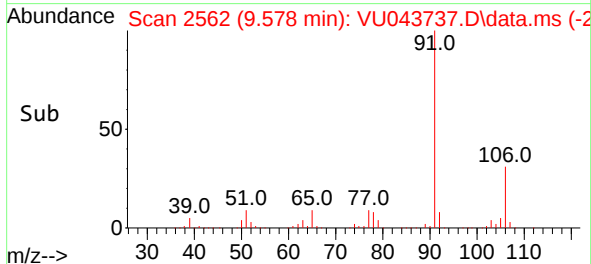
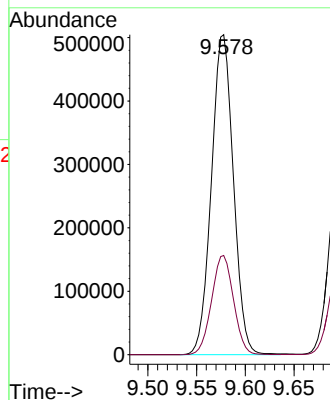
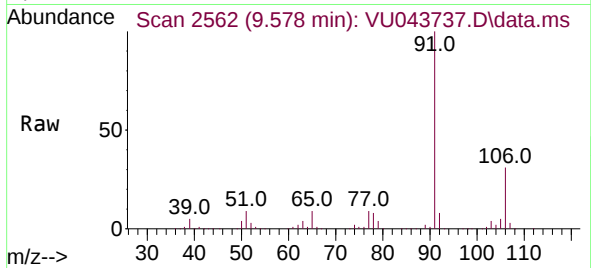




#52
Ethylbenzene
Concen: 55.95 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

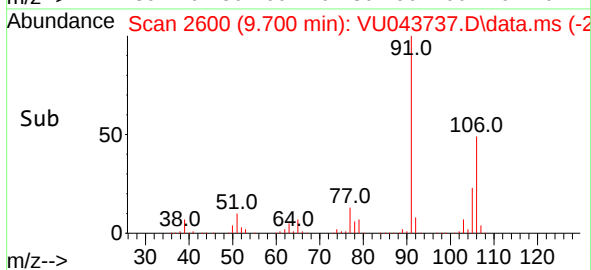
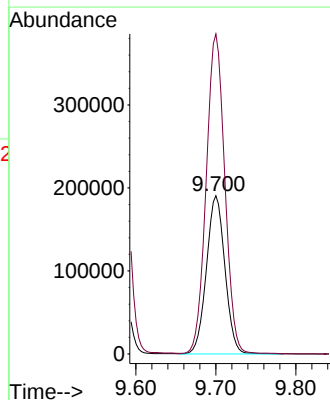
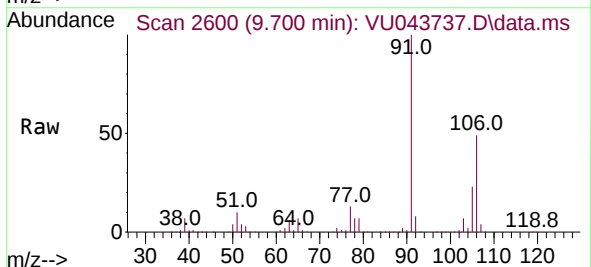
Instrument :
MSVOA_U
ClientSampled :

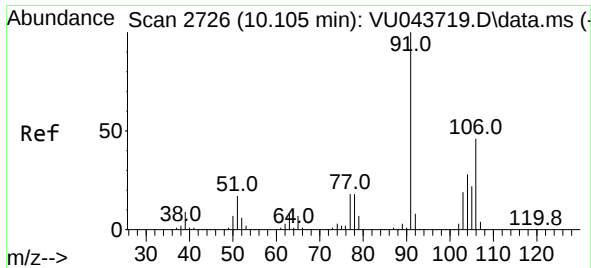
Tgt Ion: 91 Resp: 792613
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.2



#53
m,p-Xylene
Concen: 57.29 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 106 Resp: 307243
Ion Ratio Lower Upper
106 100
91 202.2 142.9 265.5

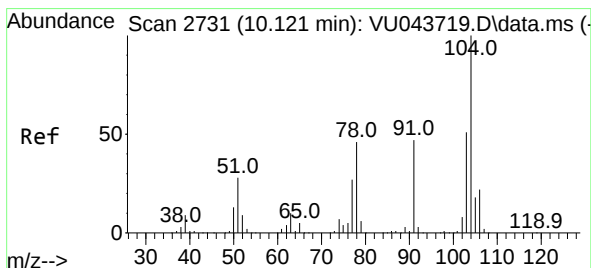
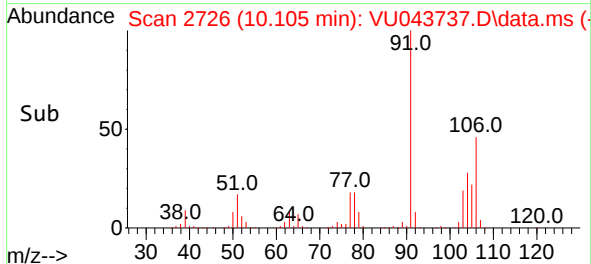
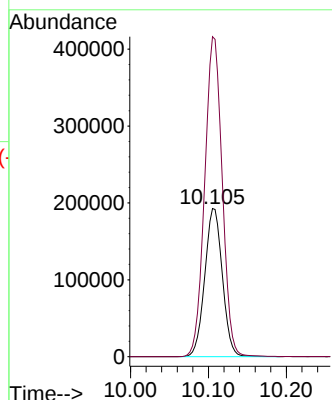
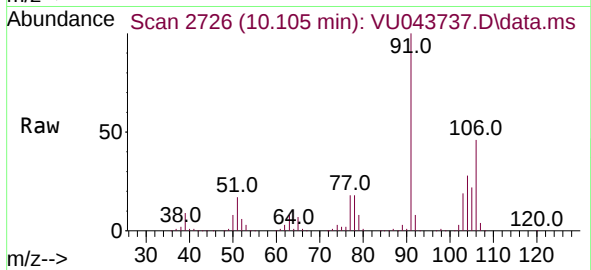




#54
o-xylene
Concen: 56.98 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

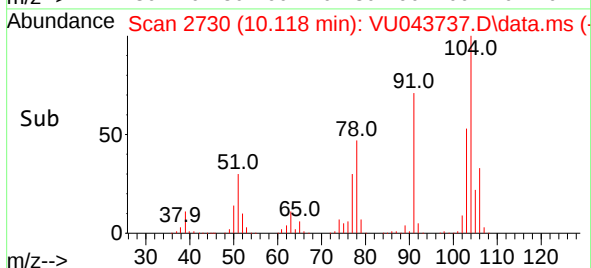
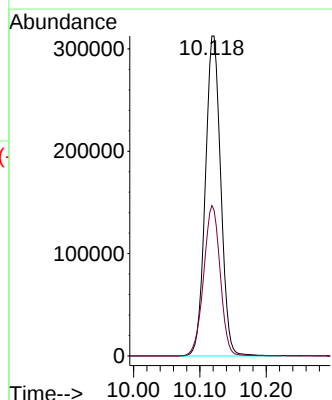
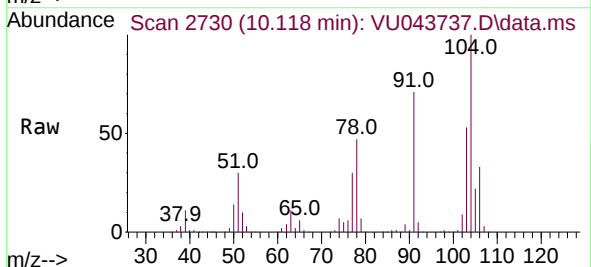
Instrument :
MSVOA_U
ClientSampleId :

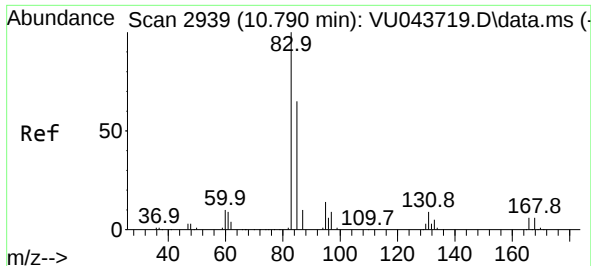
Tgt Ion:106 Resp: 302413
Ion Ratio Lower Upper
106 100
91 215.9 151.6 281.6



#55
Styrene
Concen: 56.49 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion:104 Resp: 505575
Ion Ratio Lower Upper
104 100
78 47.0 31.8 59.0

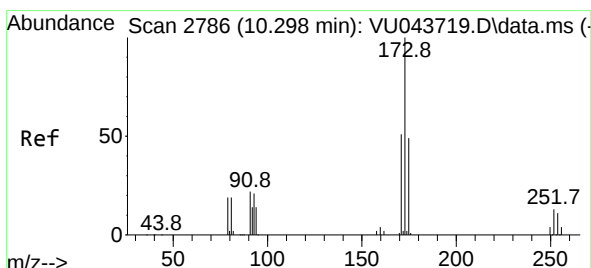
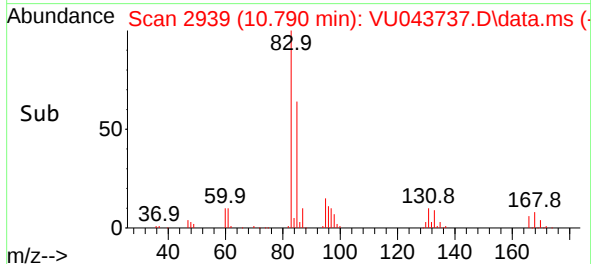
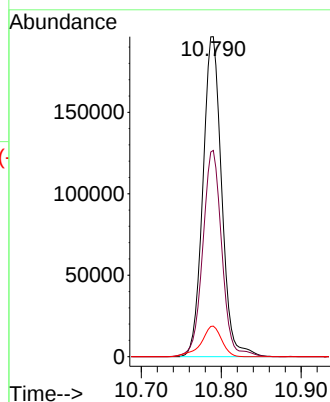
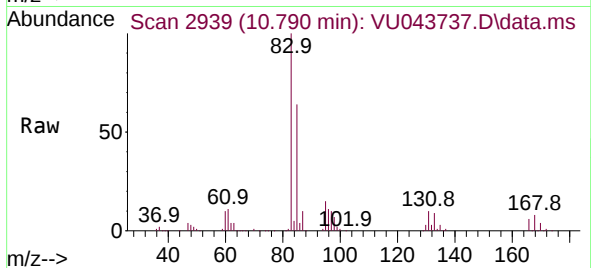




#57
1,1,2,2-Tetrachloroethane
Concen: 53.30 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

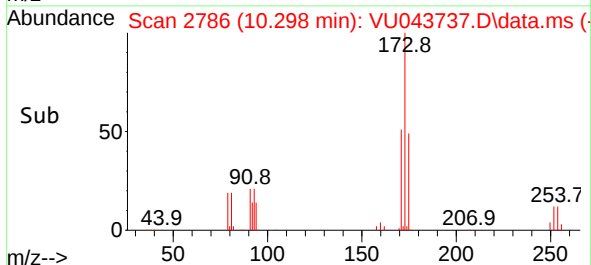
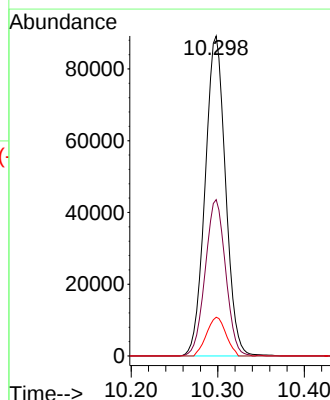
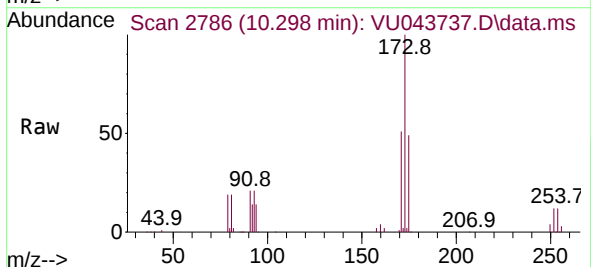
Instrument :
MSVOA_U
ClientSampleId :

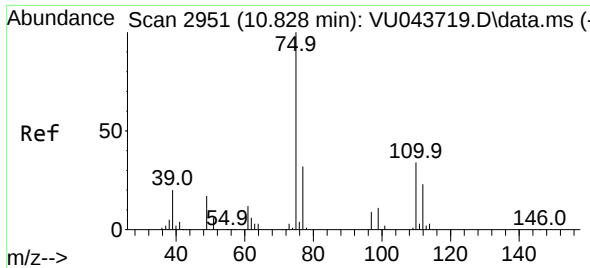
Tgt Ion: 83 Resp: 320946
Ion Ratio Lower Upper
83 100
85 64.5 44.5 82.7
131 9.6 7.4 11.2



#59
Bromoform
Concen: 54.24 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion:173 Resp: 146018
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 11.5 6.8 10.2#

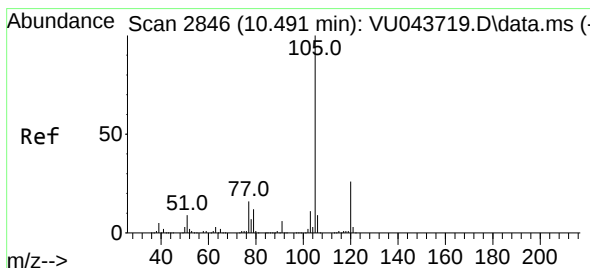
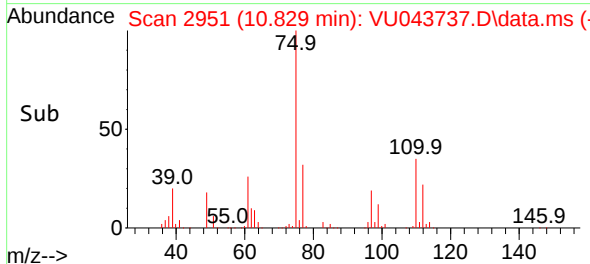
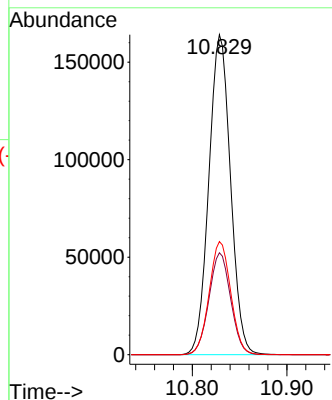
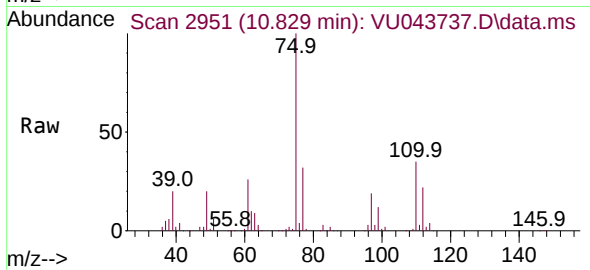




#60
1,2,3-Trichloropropane
Concen: 54.25 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

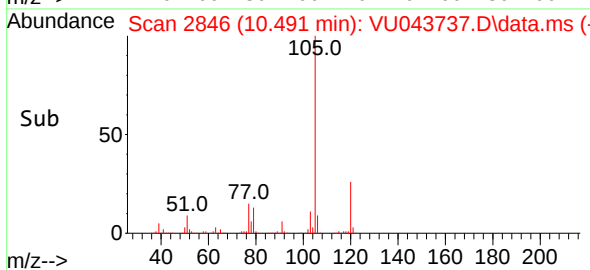
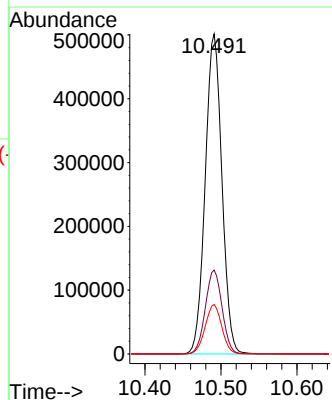
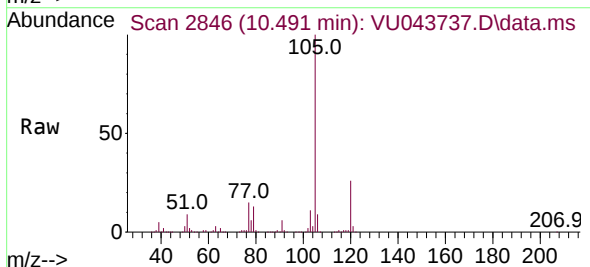
Instrument :
MSVOA_U
ClientSampled :

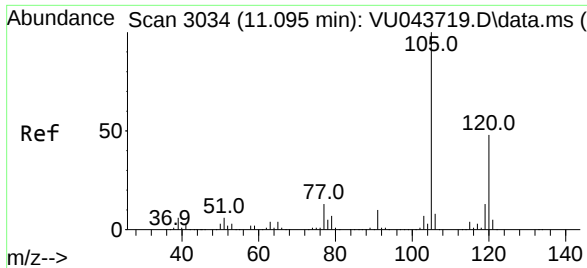
Tgt Ion: 75 Resp: 260779
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 35.2 28.9 43.3



#61
Isopropylbenzene
Concen: 56.83 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion:105 Resp: 764627
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 15.4 12.5 18.7

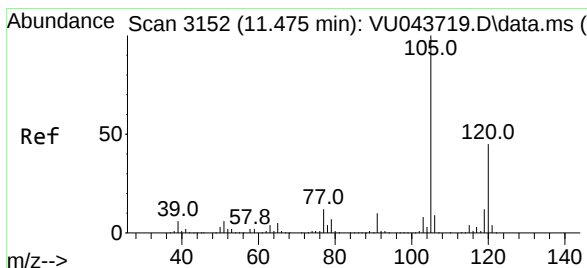
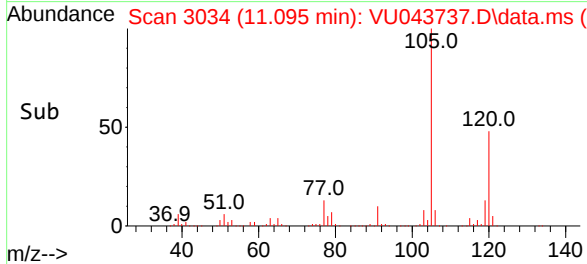
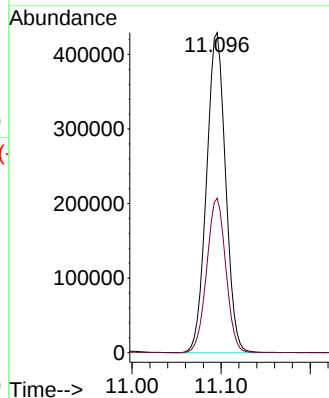
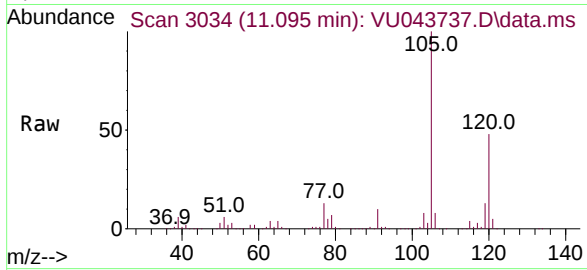




#62
1,3,5-Trimethylbenzene
Concen: 57.04 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

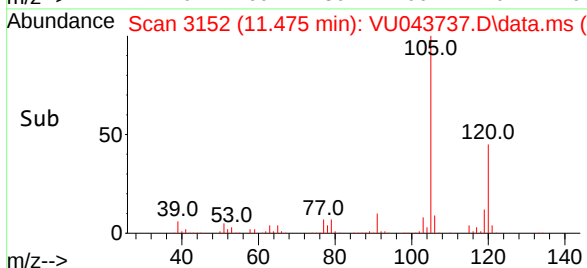
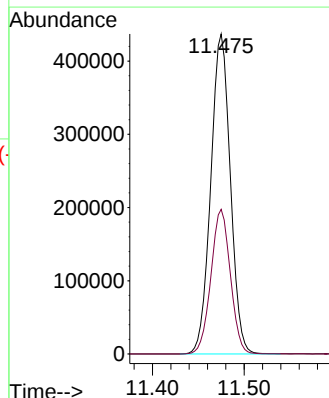
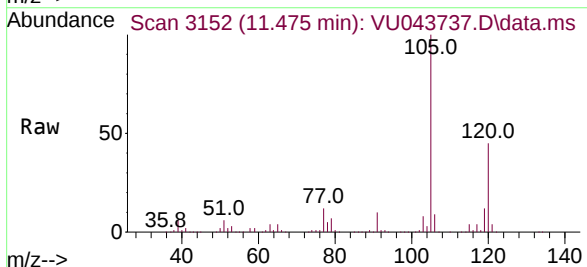
Instrument :
MSVOA_U
ClientSampled :

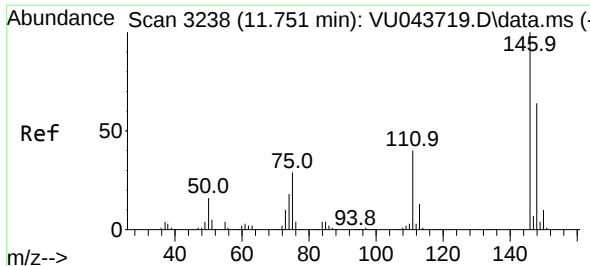
Tgt Ion:105 Resp: 637259
Ion Ratio Lower Upper
105 100
120 48.4 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 57.71 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion:105 Resp: 647591
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.2

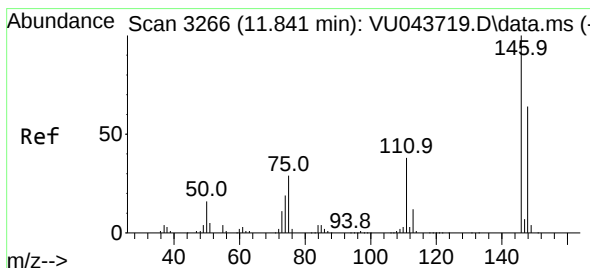
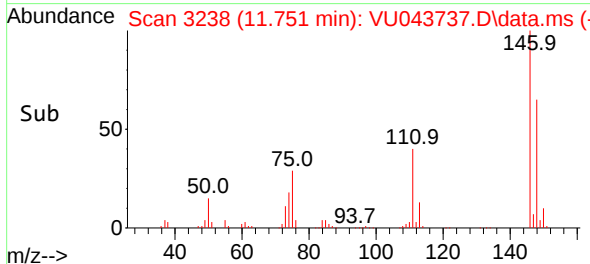
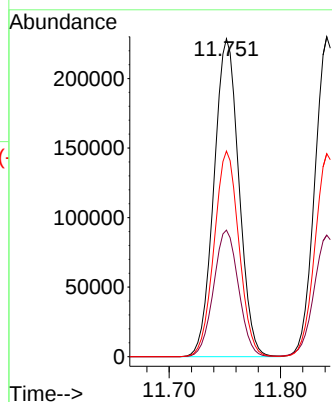
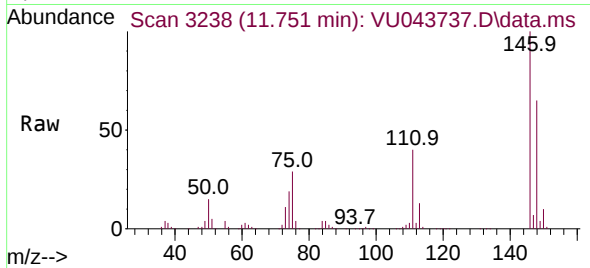




#64
1,3-Dichlorobenzene
Concen: 54.42 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

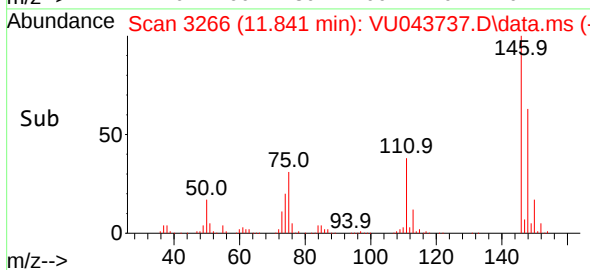
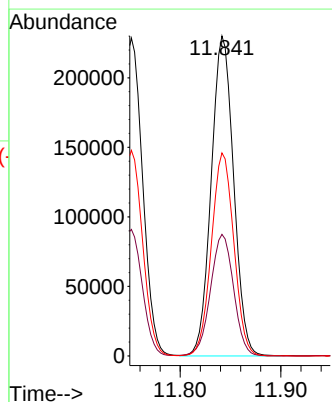
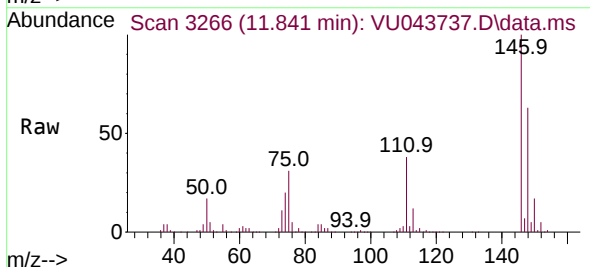
Instrument :
MSVOA_U
ClientSampled :

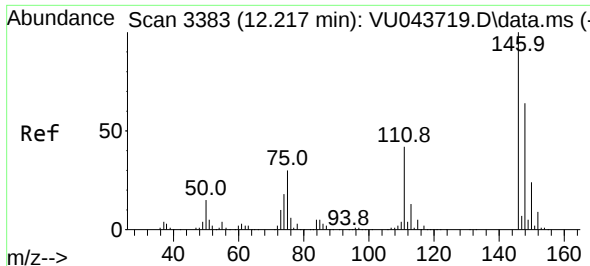
Tgt Ion:146 Resp: 356096
Ion Ratio Lower Upper
146 100
111 39.8 27.8 51.6
148 64.7 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 53.41 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion:146 Resp: 356523
Ion Ratio Lower Upper
146 100
111 38.0 27.1 50.3
148 63.5 45.4 84.4

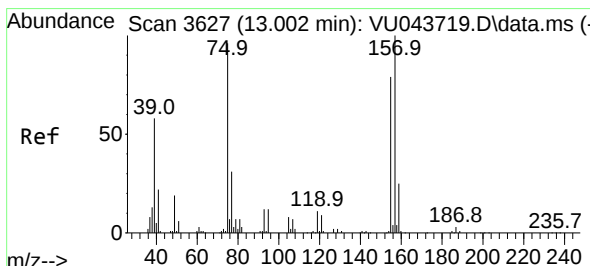
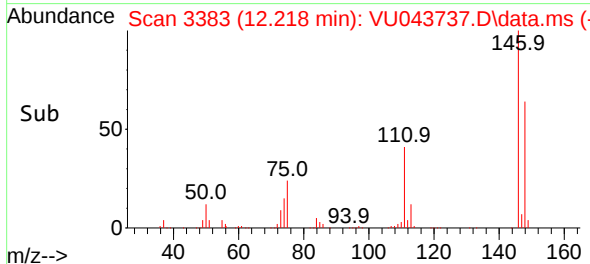
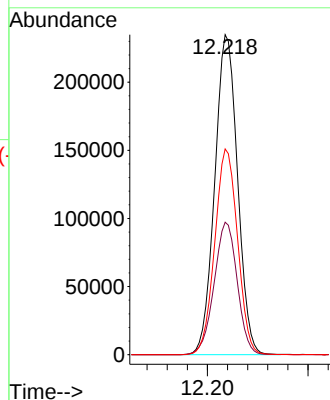
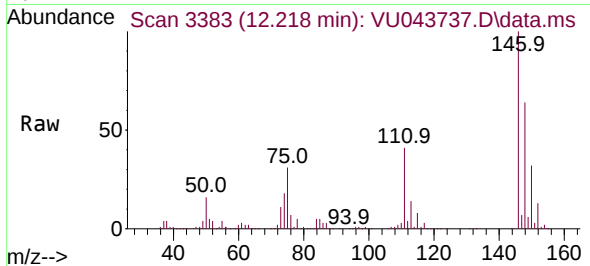




#67
1,2-Dichlorobenzene
Concen: 54.30 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

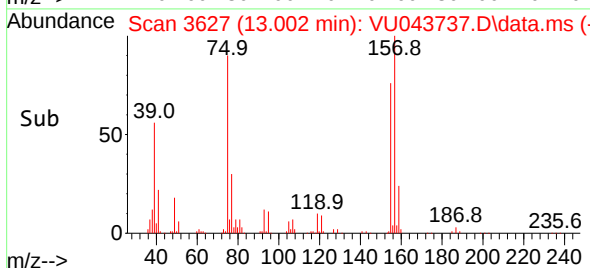
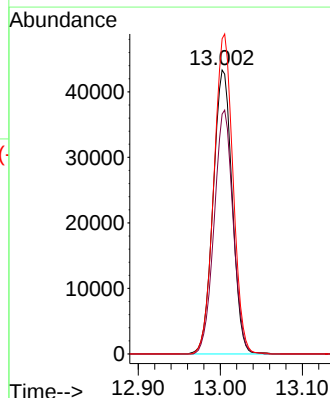
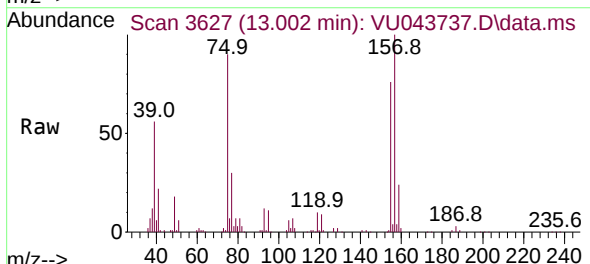
Instrument :
MSVOA_U
ClientSampled :

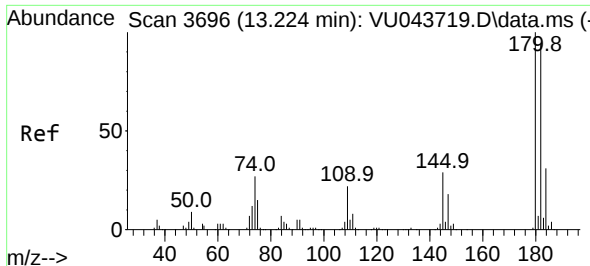
Tgt Ion:146 Resp: 370086
Ion Ratio Lower Upper
146 100
111 41.4 33.5 50.3
148 64.3 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 53.31 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

Tgt Ion: 75 Resp: 70165
Ion Ratio Lower Upper
75 100
155 89.4 72.5 108.7
157 115.6 92.3 138.5

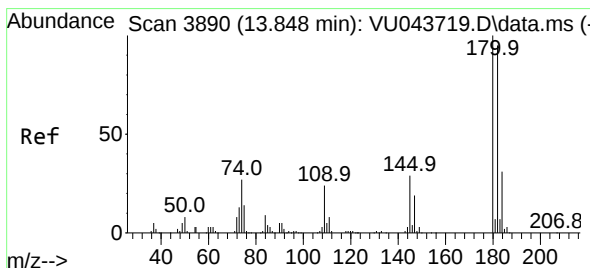
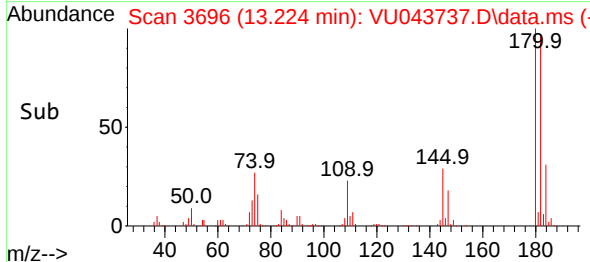
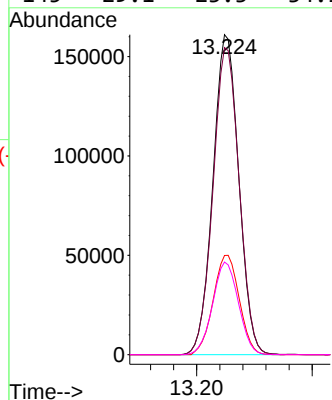
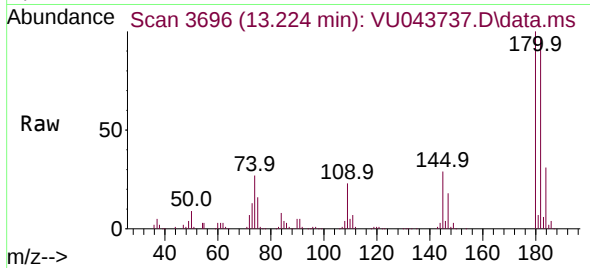




#69
1,3,5-Trichlorobenzene
Concen: 51.53 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

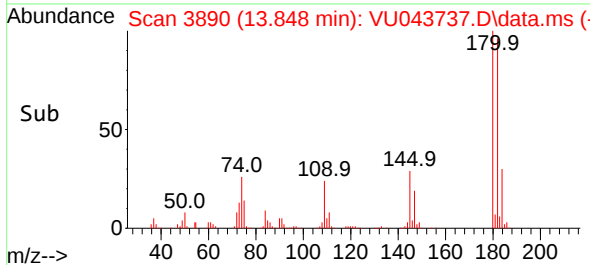
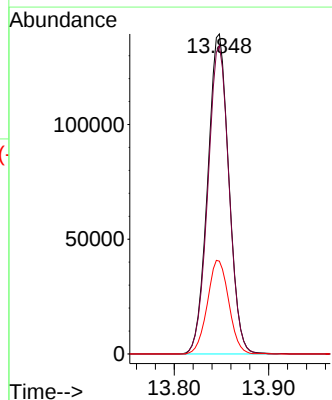
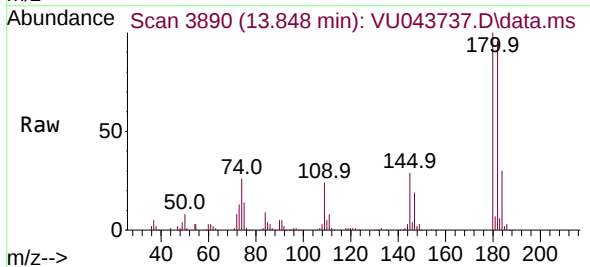
Instrument :
MSVOA_U
ClientSampleId :

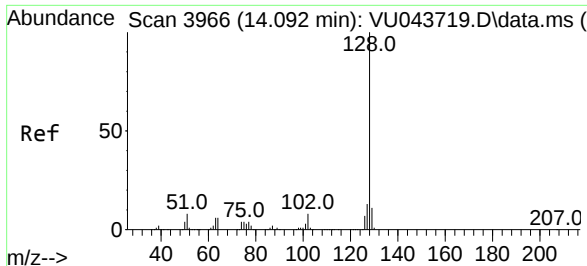
Tgt Ion:	180	Resp:	249888
Ion Ratio	Lower	Upper	
180	100		
182	97.5	76.4	114.6
184	31.4	25.0	37.4
145	29.1	23.3	34.9



#70
1,2,4-trichlorobenzene
Concen: 52.41 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

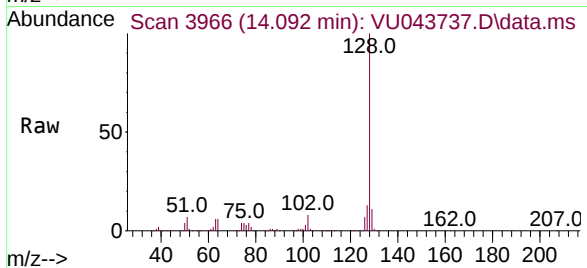
Tgt Ion:	180	Resp:	217134
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.9	113.9
145	29.6	23.4	35.0



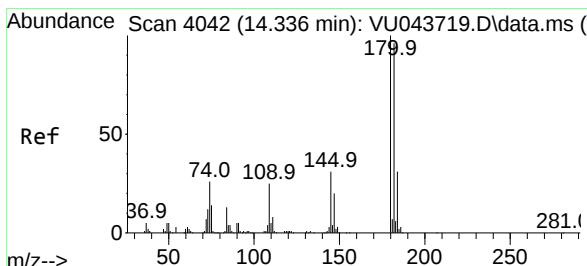
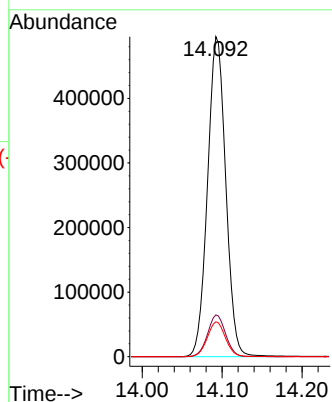
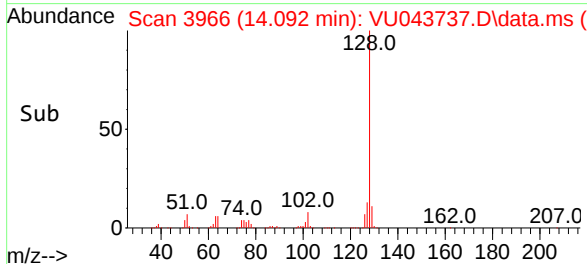


#71
Naphthalene
Concen: 56.84 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33

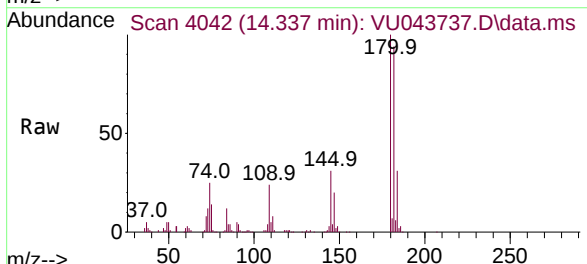
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 785549
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 54.79 ug/L
RT: 14.337 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043737.D
Acq: 14 May 2021 06:33



Tgt Ion:180 Resp: 238942
Ion Ratio Lower Upper
180 100
182 95.2 76.9 115.3
145 31.8 24.9 37.3

