

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043836.D
 Acq On : 19 May 2021 19:01
 Operator : SY/MD
 Sample : M2464-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6MS

Quant Time: May 20 03:57:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	228170	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	227035	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	117379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	52662	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.916	69	41115	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	2.572	65	14058	2.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.20%#
20) 2-Butanone-d5	4.639	46	192357	60.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.26%
24) Chloroform-d	5.073	84	135606	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.710	65	66431	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.736	84	270628	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	85180	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.906	98	245680	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.186	79	32355	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.642	63	159635	51.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.92%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74560	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	12.202	152	94764	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.389	85	84217	5.07	ug/L 100
3) Chloromethane	1.520	50	97414	4.99	ug/L 99
5) Vinyl chloride	1.607	62	84177	4.35	ug/L 99
6) Bromomethane	1.861	94	47091	4.12	ug/L 97
8) Chloroethane	1.935	64	46087	4.23	ug/L 99
9) Trichlorofluoromethane	2.141	101	112588	5.01	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	78782	5.14	ug/L 97
12) 1,1-Dichloroethene	2.585	96	45359	3.01	ug/L 89
13) Acetone	2.646	43	145438	71.61	ug/L 97
14) Carbon disulfide	2.797	76	258913	5.14	ug/L 100
15) Methyl Acetate	2.961	43	33383	5.52	ug/L 95
16) Methylene chloride	3.054	84	89505	4.01	ug/L 96
17) Methyl tert-butyl Ether	3.376	73	177313	5.20	ug/L 99
18) trans-1,2-Dichloroethene	3.360	96	62179	3.93	ug/L 98
19) 1,1-Dichloroethane	3.880	63	196300	6.87	ug/L 99
21) 2-Butanone	4.720	43	239195	61.59	ug/L 98
22) cis-1,2-Dichloroethene	4.675	96	112298	6.75	ug/L 96
23) Bromochloromethane	4.983	128	44460	5.68	ug/L 93
25) Chloroform	5.099	83	159223	5.63	ug/L 97

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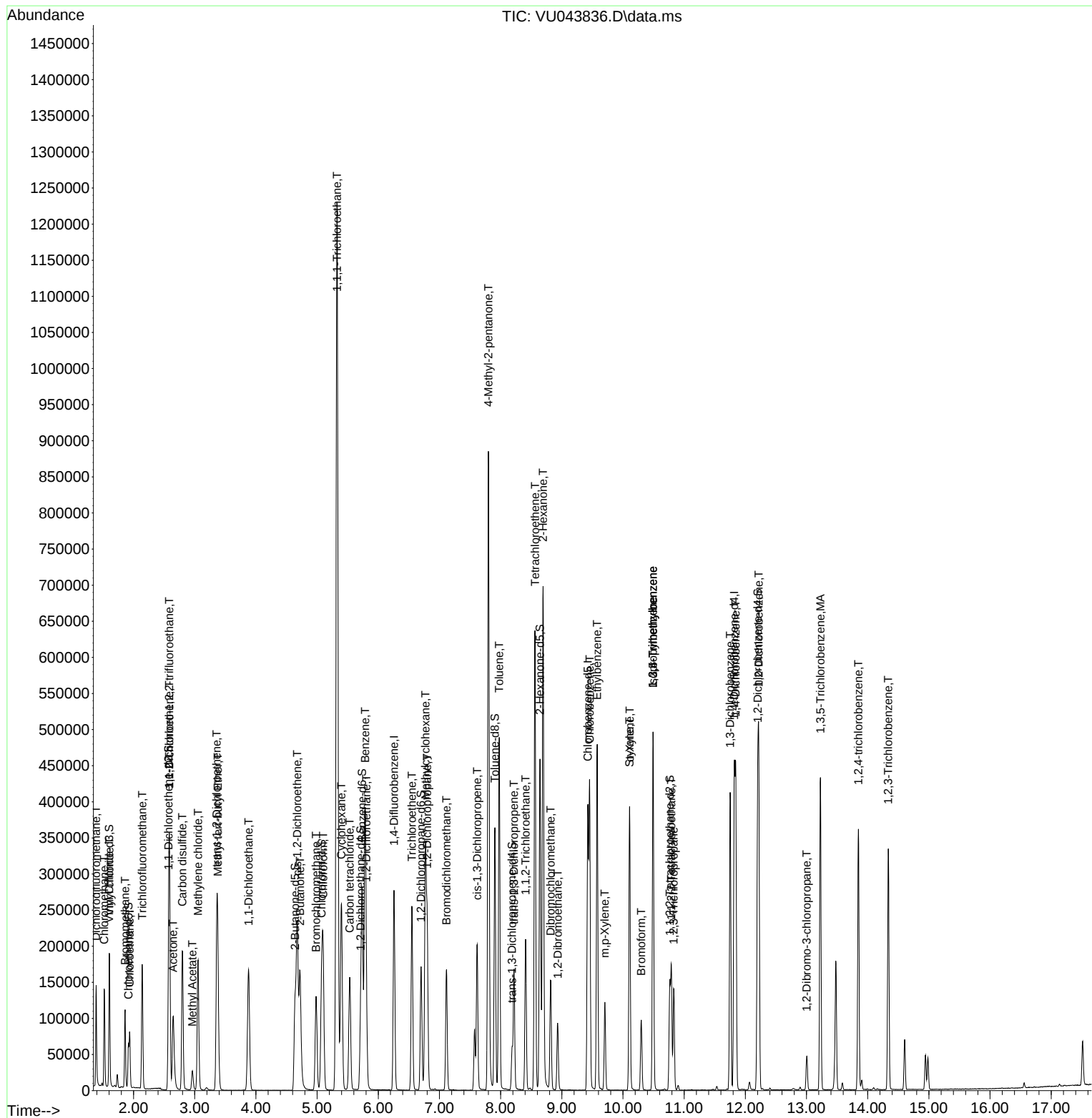
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	96483	5.53	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	897942	37.93	ug/L	98
30) Cyclohexane	5.398	56	125971	4.80	ug/L	96
31) Carbon tetrachloride	5.533	117	109848	5.55	ug/L	100
33) Benzene	5.784	78	346896	5.28	ug/L	100
34) Trichloroethene	6.549	95	86168	5.11	ug/L	95
35) Methylcyclohexane	6.771	83	127160	4.85	ug/L	97
37) 1,2-Dichloropropane	6.800	63	90687	5.28	ug/L	99
38) Bromodichloromethane	7.115	83	111320	5.56	ug/L	98
39) cis-1,3-Dichloropropene	7.617	75	122874	5.38	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	557345	50.88	ug/L	96
42) Toluene	7.977	91	360723	5.23	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	95180	4.83	ug/L	98
45) 1,1,2-Trichloroethane	8.408	97	66619	5.40	ug/L	99
47) Tetrachloroethene	8.562	164	150734	11.07	ug/L	99
48) 2-Hexanone	8.694	43	422809	52.03	ug/L	97
49) Dibromochloromethane	8.819	129	81310	5.90	ug/L	98
50) 1,2-Dibromoethane	8.932	107	61762	5.32	ug/L	99
51) Chlorobenzene	9.456	112	229617	5.33	ug/L	98
52) Ethylbenzene	9.578	91	330874	4.69	ug/L	98
53) m,p-Xylene	9.703	106	34844	1.30	ug/L	93
54) o-Xylene	10.108	106	107525	4.20	ug/L	100
55) Styrene	10.105	104	7248	0.17	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.790	83	84645	5.40	ug/L	100
59) Bromoform	10.298	173	45200	5.72	ug/L	99
60) Isopropylbenzene	10.491	105	314649	4.88	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	60345	5.39	ug/L	98
62) 1,3,5-Trimethylbenzene	10.491	105	314649	6.07	ug/L #	68
63) 1,2,4-Trimethylbenzene	10.491	105	314649	5.92	ug/L #	73
64) 1,3-Dichlorobenzene	11.751	146	174475	5.26	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	177433	5.32	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	177727	5.57	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	12174	5.29	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	143097	5.40	ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	117900	5.40	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	106923	5.17	ug/L	98

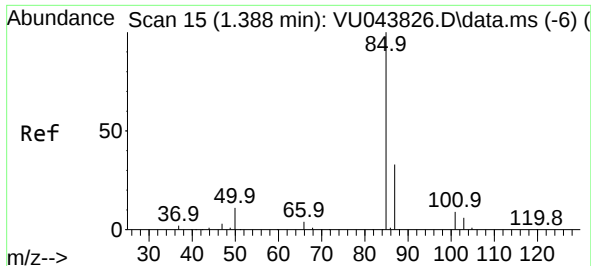
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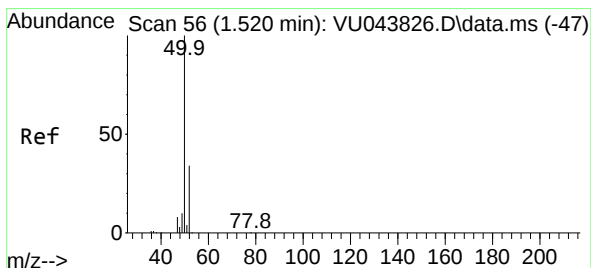
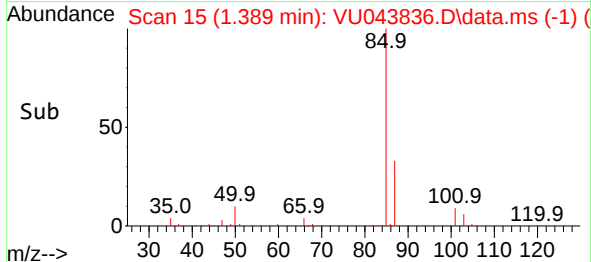
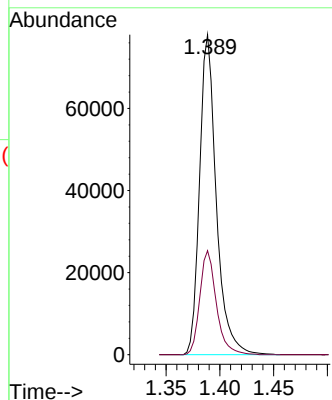
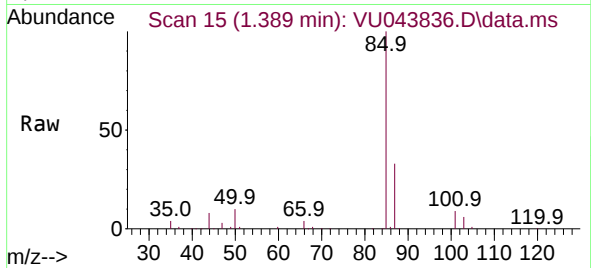




#2
Dichlorodifluoromethane
Concen: 5.07 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

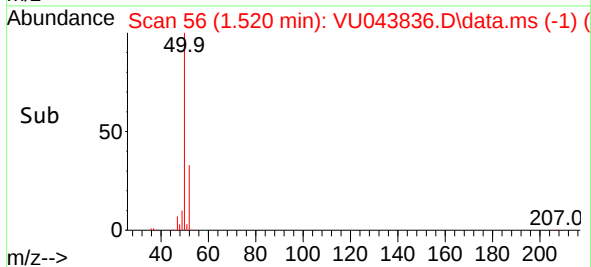
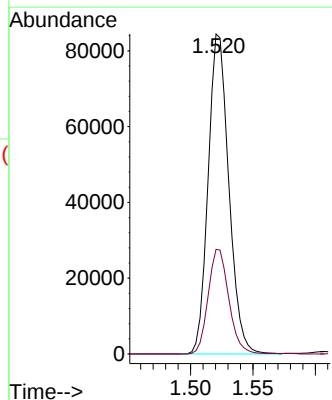
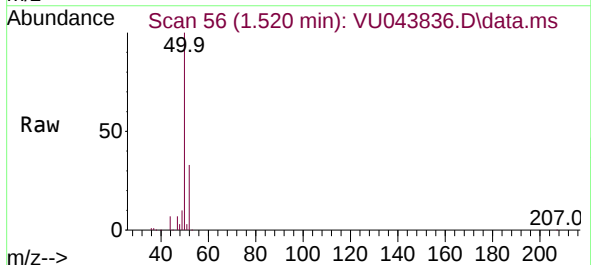
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ClientSampleId :
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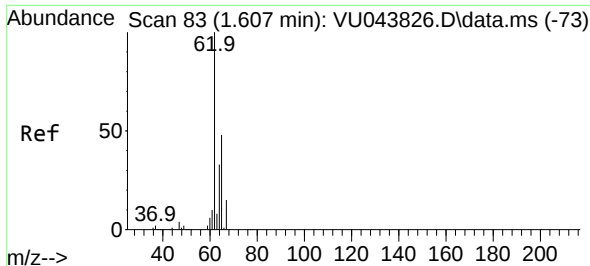
Tgt Ion: 85 Resp: 84217
Ion Ratio Lower Upper
85 100
87 32.1 25.5 38.3



#3
Chloromethane
Concen: 4.99 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 50 Resp: 97414
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2

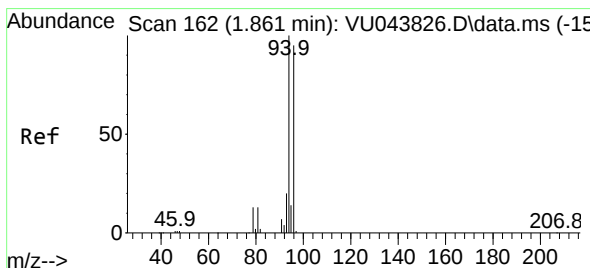
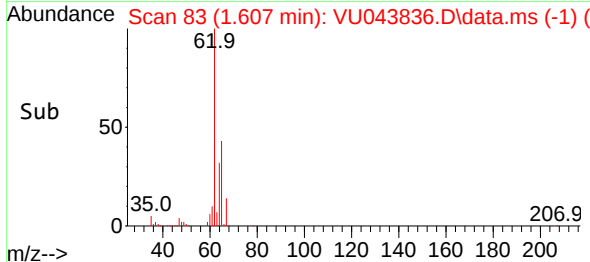
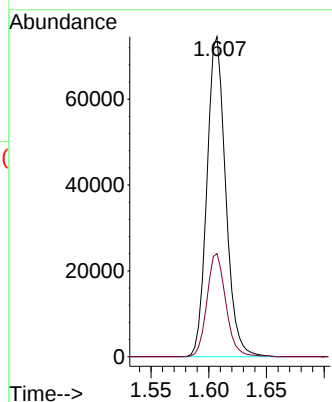
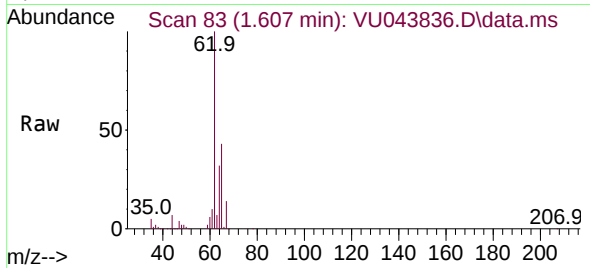




#5
 Vinyl chloride
 Concen: 4.35 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043836.D
 Acq: 19 May 2021 19:01

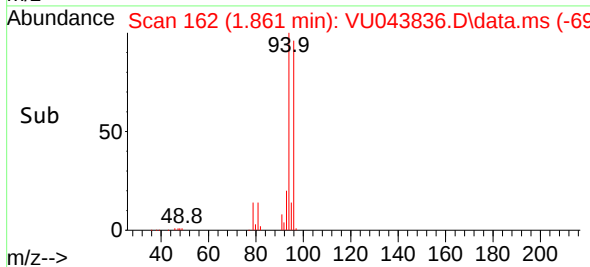
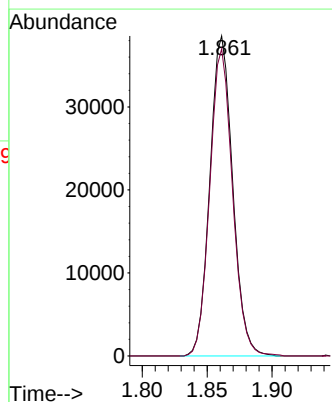
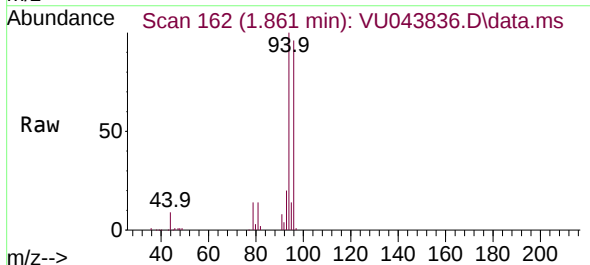
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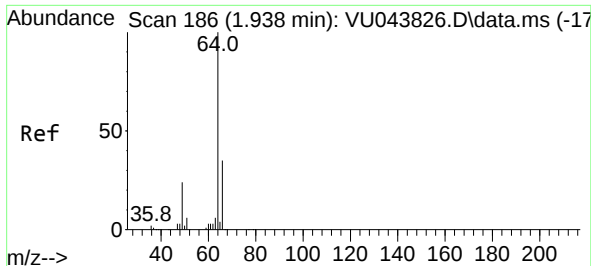
Tgt Ion: 62 Resp: 84177
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.1 41.1



#6
 Bromomethane
 Concen: 4.12 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043836.D
 Acq: 19 May 2021 19:01

Tgt Ion: 94 Resp: 47091
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.0 120.8

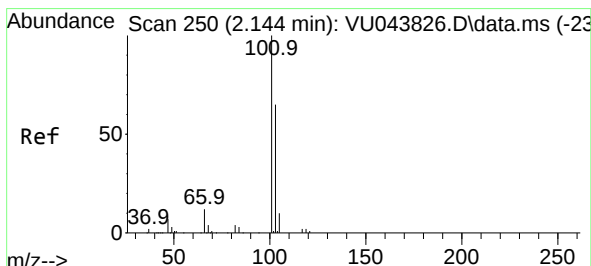
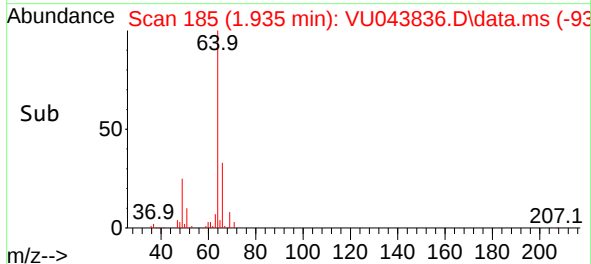
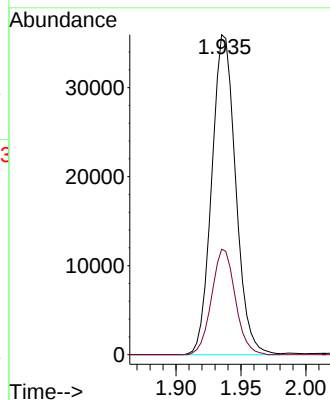
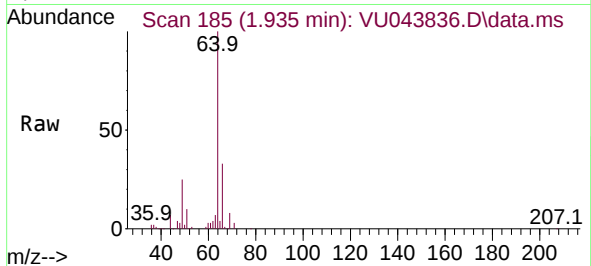




#8
Chloroethane
Concen: 4.23 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

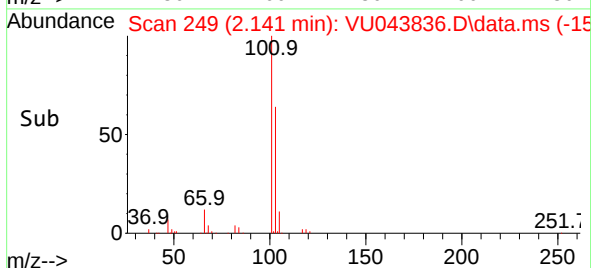
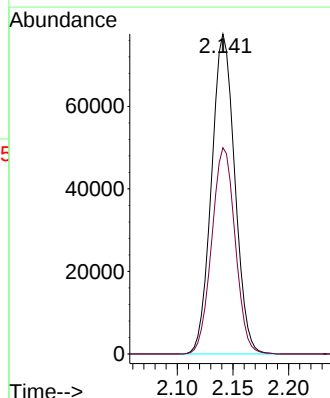
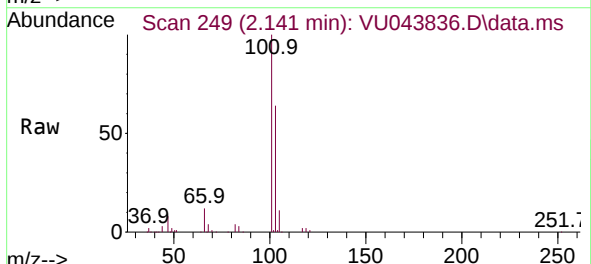
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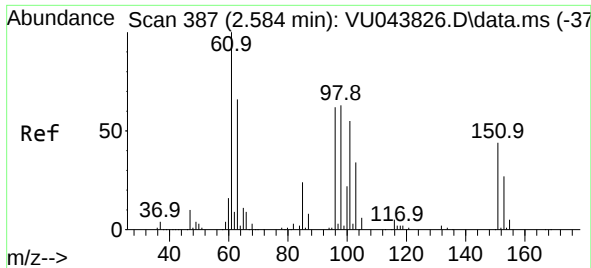
Tgt Ion: 64 Resp: 46087
Ion Ratio Lower Upper
64 100
66 32.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.01 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 101 Resp: 112588
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1

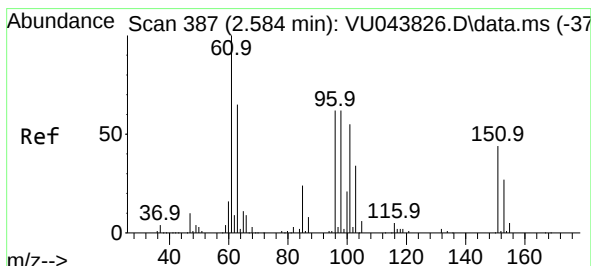
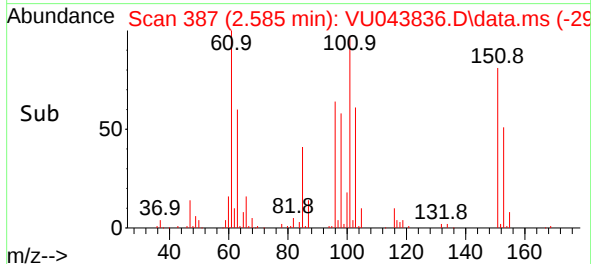
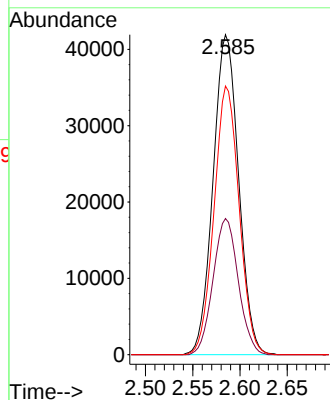
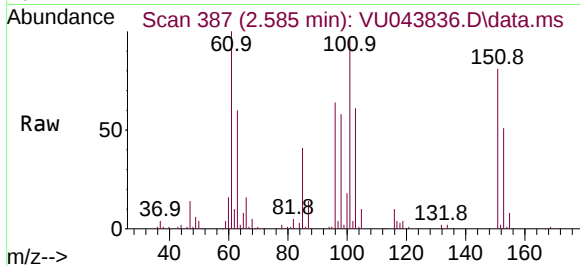




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.14 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

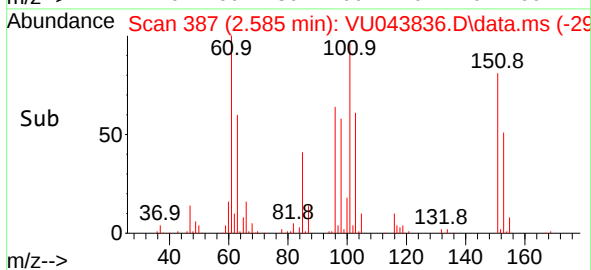
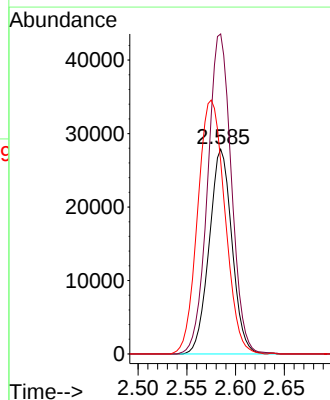
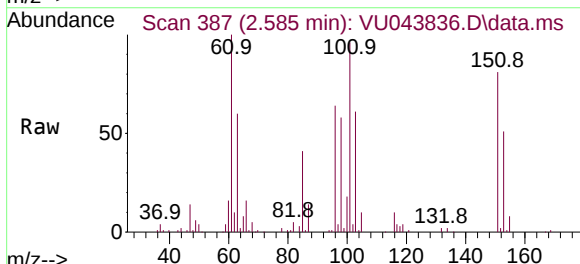
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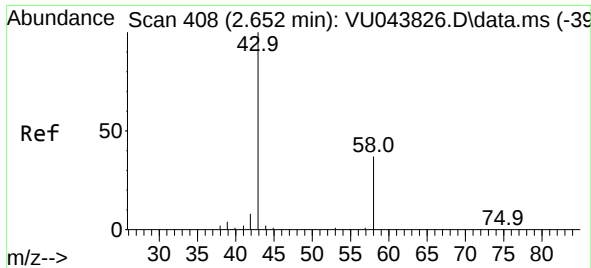
Tgt Ion:	101	Resp:	78782
Ion	Ratio	Lower	Upper
101	100		
85	42.0	34.3	51.5
151	82.3	62.7	94.1



#12
1,1-Dichloroethene
Concen: 3.01 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043836.D
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Tgt Ion:	96	Resp:	45359
Ion	Ratio	Lower	Upper
96	100		
61	156.2	117.5	218.1
63	94.2	77.3	143.7

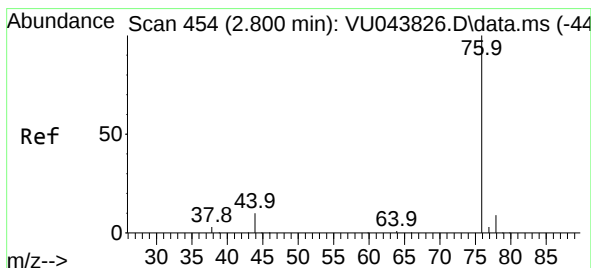
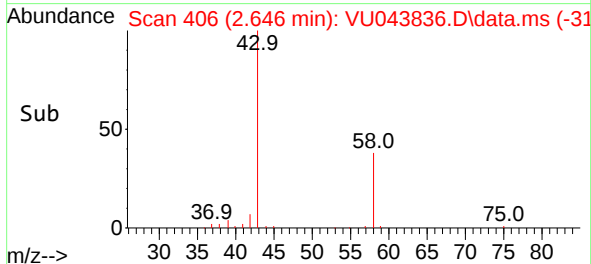
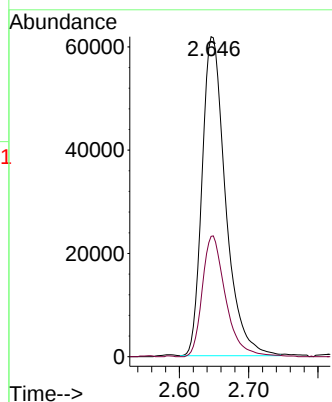
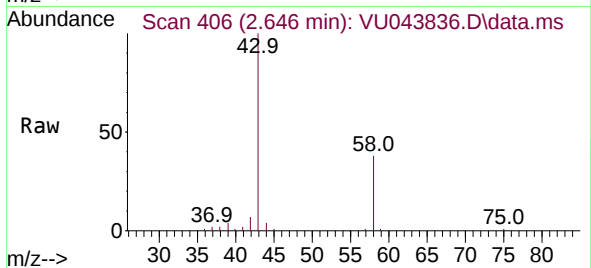




#13
Acetone
Concen: 71.61 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.006 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

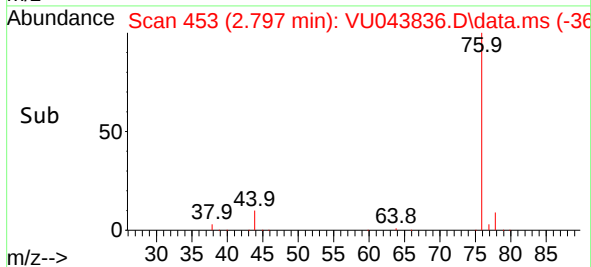
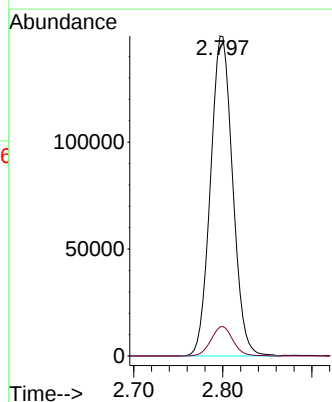
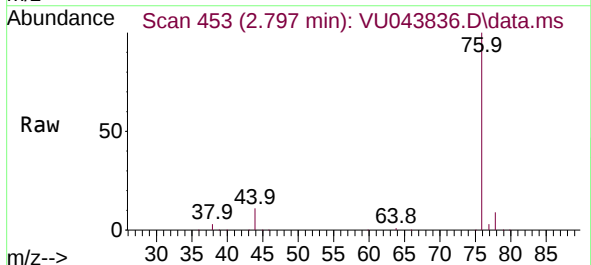
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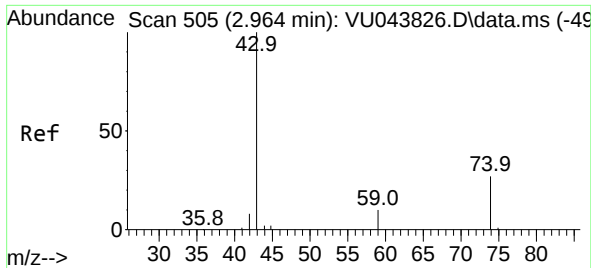
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Ion Ratio Lower Upper
43 100
58 37.7 0.0 71.6



#14
Carbon disulfide
Concen: 5.14 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 76 Resp: 258913
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

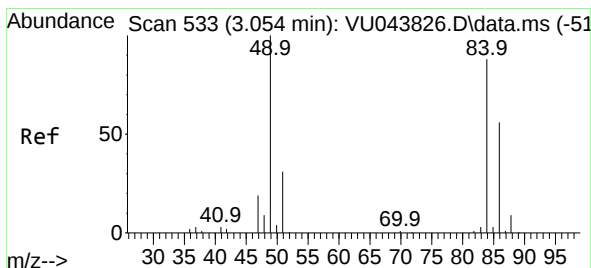
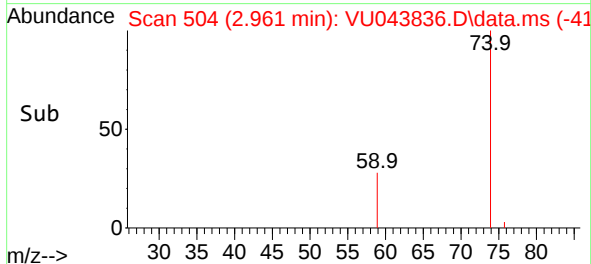
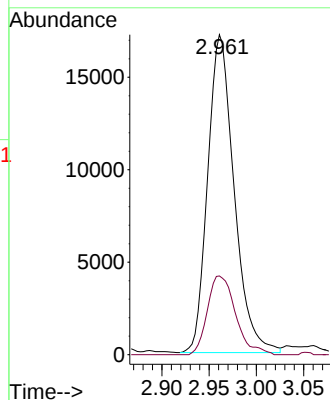
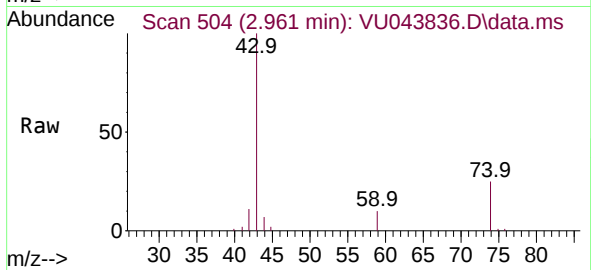




#15
Methyl Acetate
Concen: 5.52 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

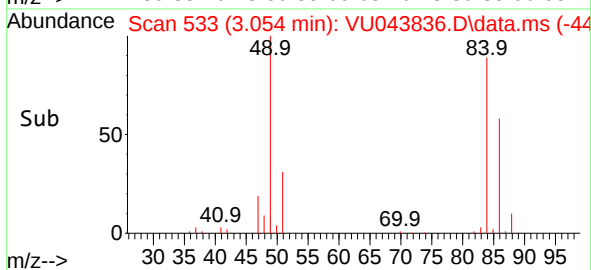
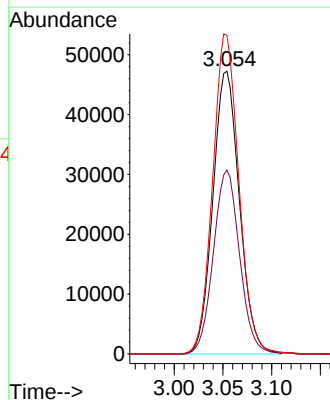
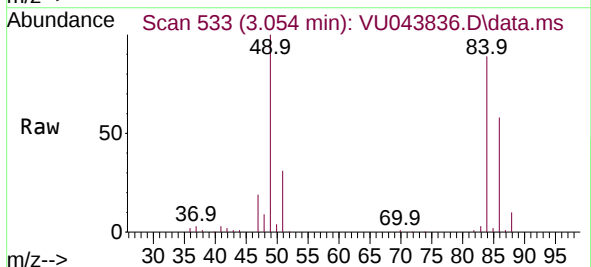
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

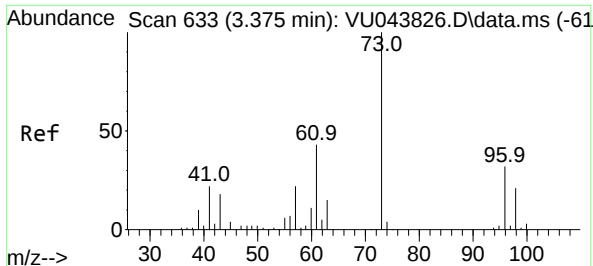
Tgt Ion: 43 Resp: 33383
Ion Ratio Lower Upper
43 100
74 26.5 19.3 28.9



#16
Methylene chloride
Concen: 4.01 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 84 Resp: 89505
Ion Ratio Lower Upper
84 100
86 65.0 44.7 82.9
49 112.6 83.1 154.3



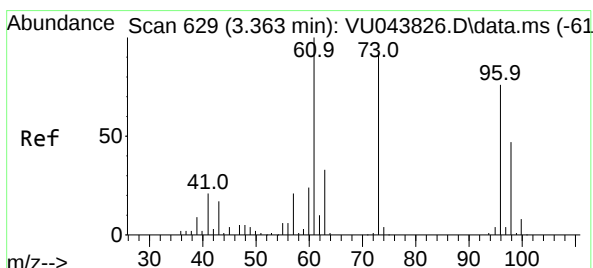
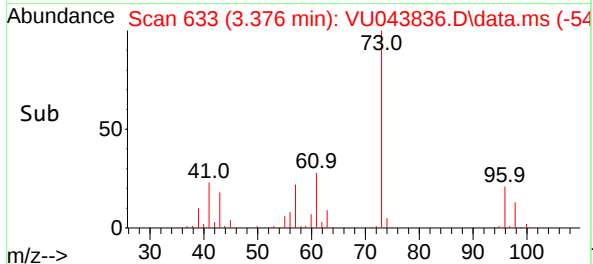
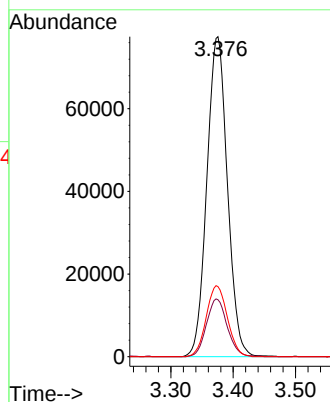
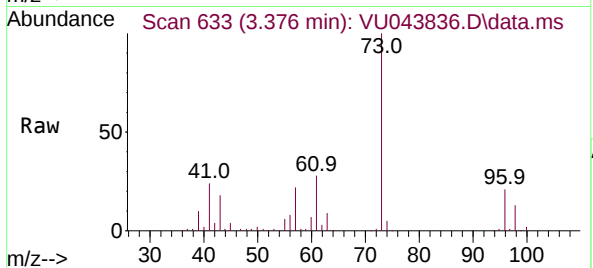


#17

Methyl tert-butyl Ether
Concen: 5.20 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

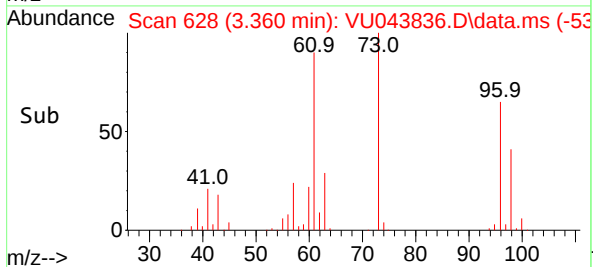
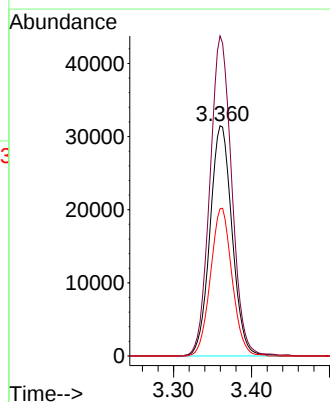
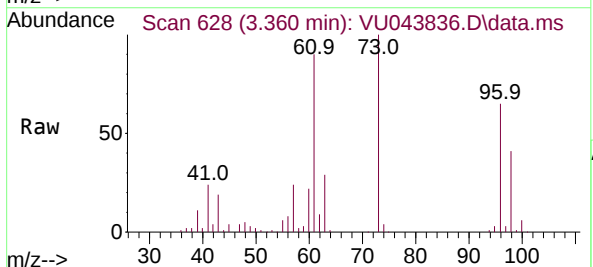
Tgt Ion:	73	Resp:	177313
Ion	Ratio	Lower	Upper
73	100		
43	18.3	15.0	22.4
57	22.8	18.6	27.8

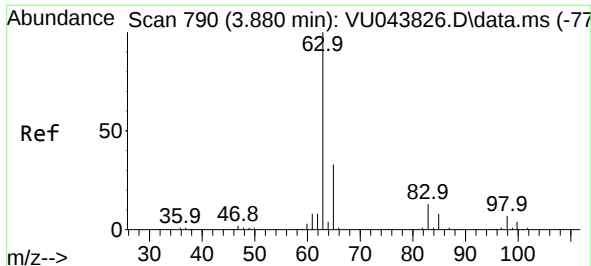


#18

trans-1,2-Dichloroethene
Concen: 3.93 ug/L
RT: 3.360 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion:	96	Resp:	62179
Ion	Ratio	Lower	Upper
96	100		
61	138.9	99.6	185.0
98	63.9	43.8	81.4





#19

1,1-Dichloroethane

Concen: 6.87 ug/L

RT: 3.880 min Scan# 790

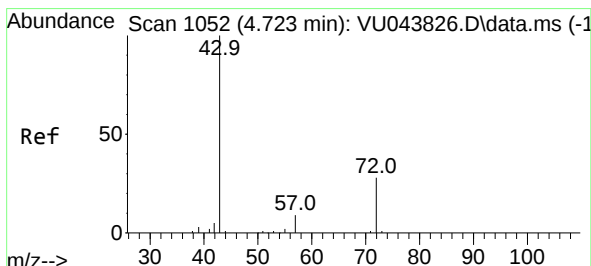
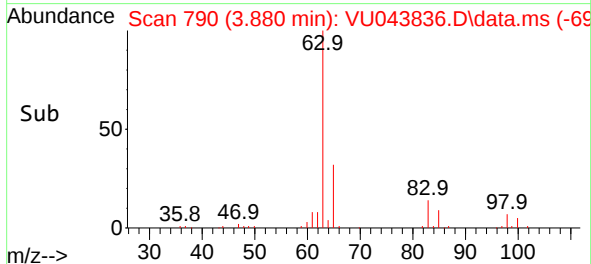
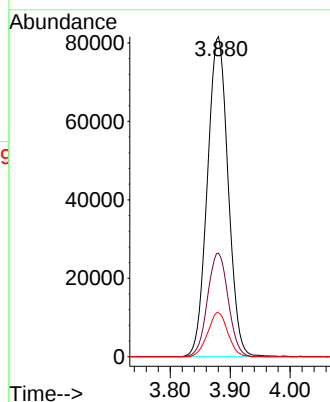
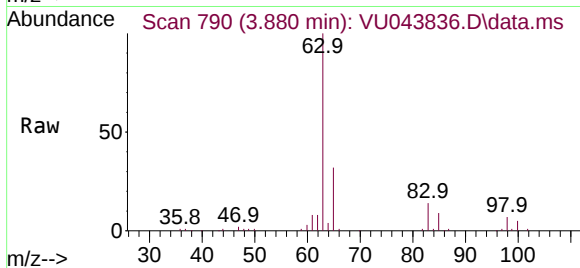
Delta R.T. 0.000 min

Lab File: VU043836.D

Acq: 19 May 2021 19:01

Tgt Ion: 63 Resp: 196300

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.3	41.3
83	13.7	9.0	16.8



#21

2-Butanone

Concen: 61.59 ug/L

RT: 4.720 min Scan# 1051

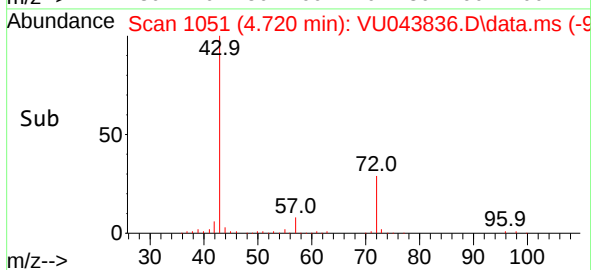
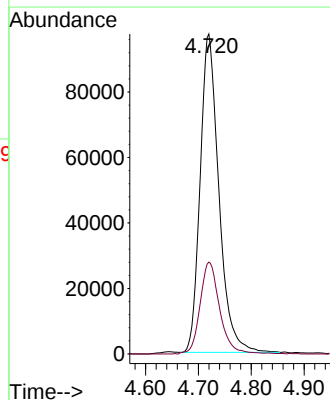
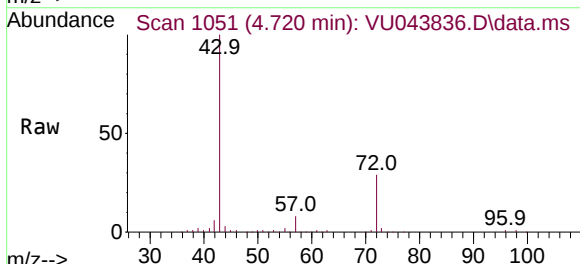
Delta R.T. -0.003 min

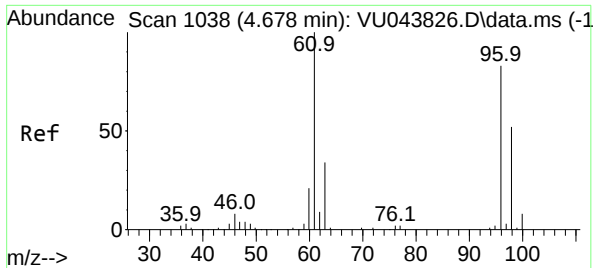
Lab File: VU043836.D

Acq: 19 May 2021 19:01

Tgt Ion: 43 Resp: 239195

Ion	Ratio	Lower	Upper
43	100		
72	30.1	14.5	43.6

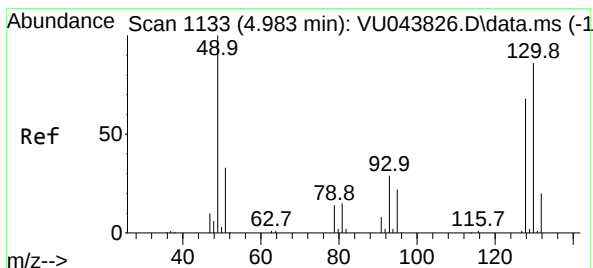
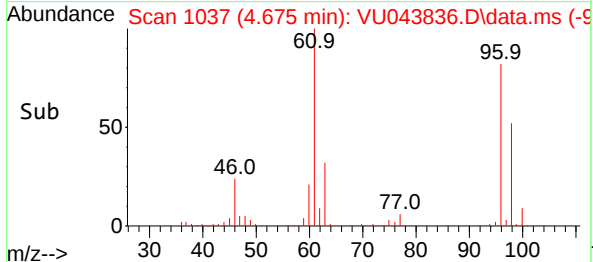
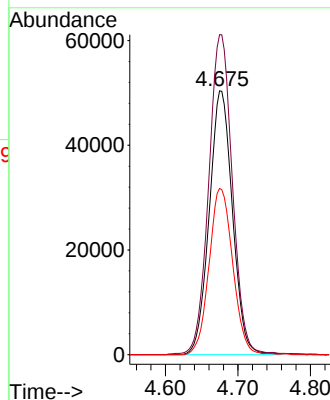
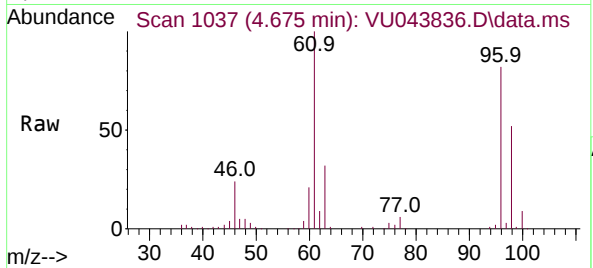




#22
cis-1,2-Dichloroethene
Concen: 6.75 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

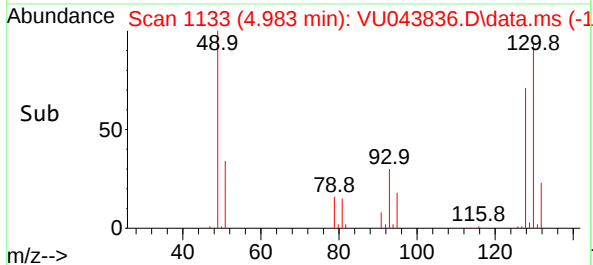
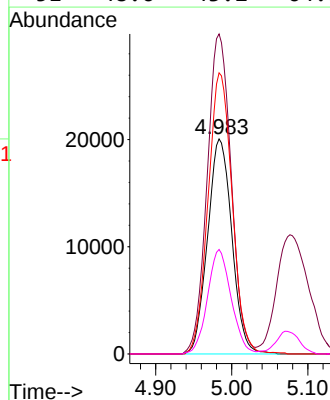
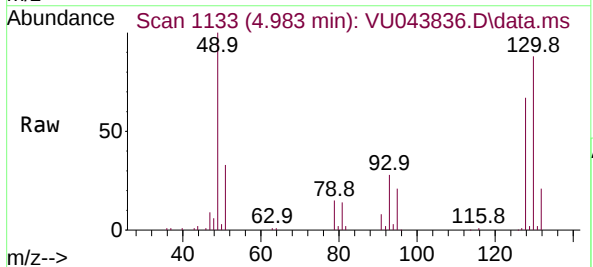
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

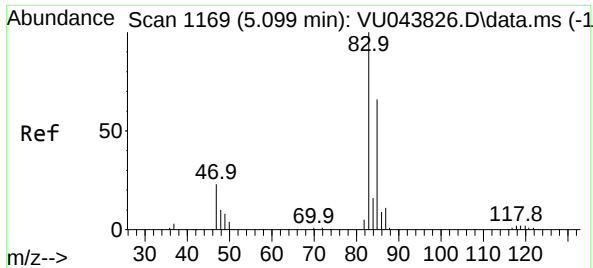
Tgt Ion: 96 Resp: 112298
Ion Ratio Lower Upper
96 100
61 121.3 89.0 165.4
98 63.0 44.9 83.3



#23
Bromochloromethane
Concen: 5.68 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion:128 Resp: 44460
Ion Ratio Lower Upper
128 100
49 148.8 114.7 212.9
130 130.8 91.7 170.3
51 48.6 43.2 64.8

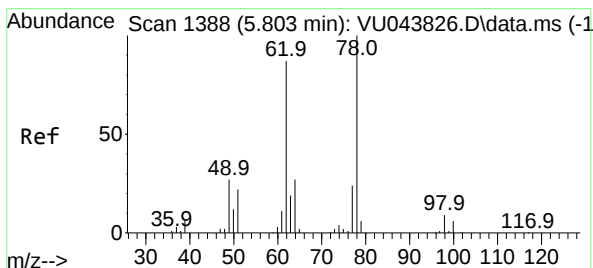
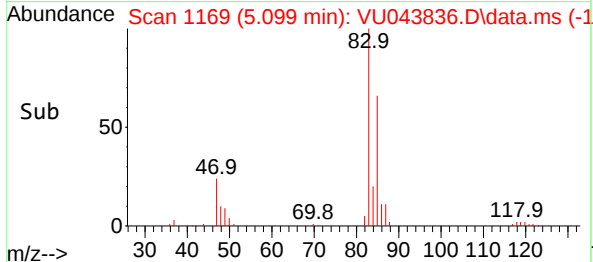
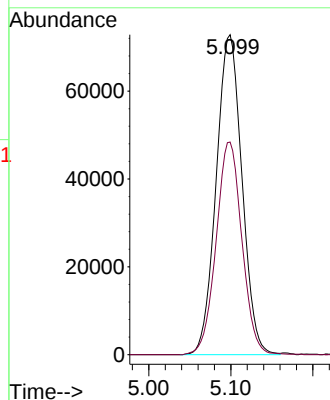
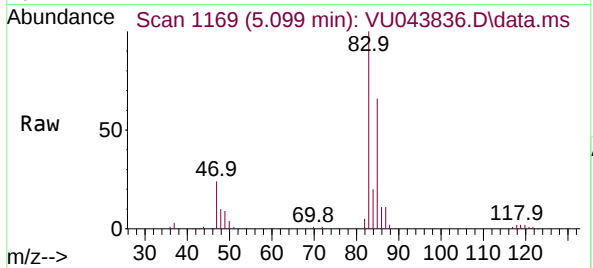




#25
Chloroform
Concen: 5.63 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

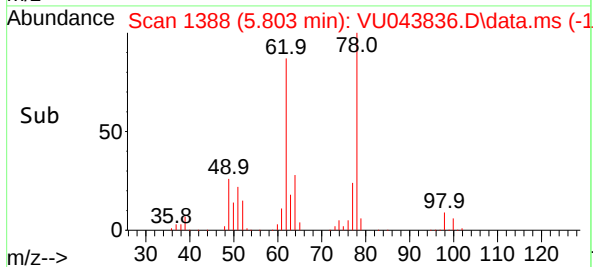
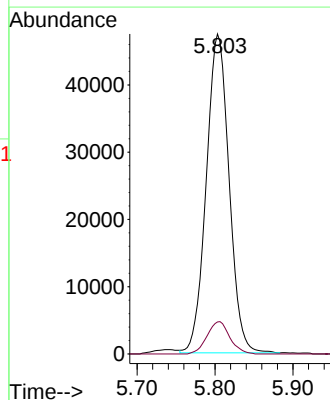
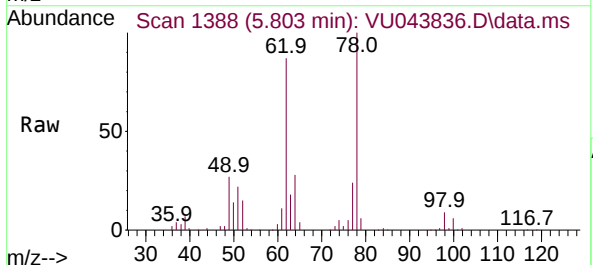
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MS

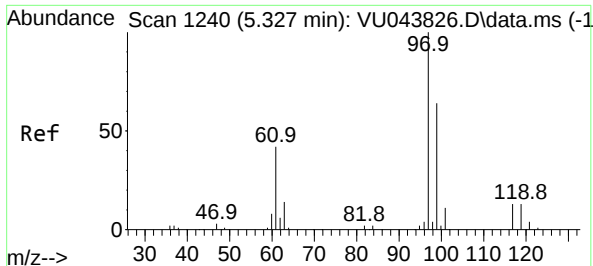
Tgt Ion: 83 Resp: 159223
Ion Ratio Lower Upper
83 100
85 66.5 45.0 83.6



#27
1,2-Dichloroethane
Concen: 5.53 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 62 Resp: 96483
Ion Ratio Lower Upper
62 100
98 10.0 7.7 11.5

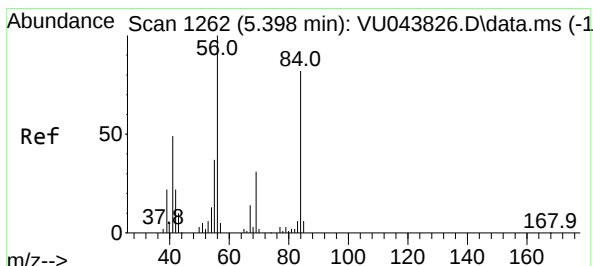
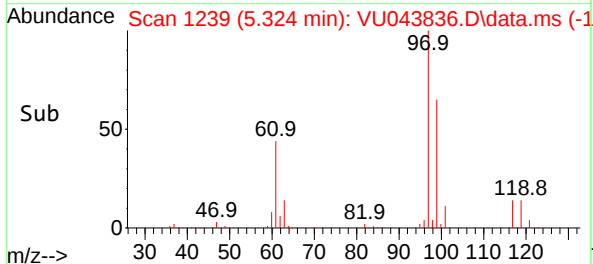
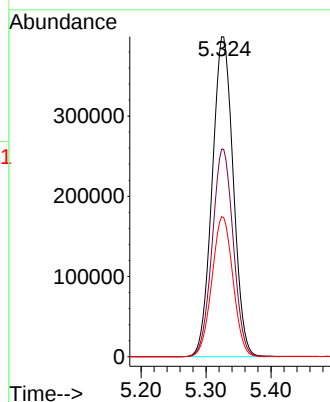
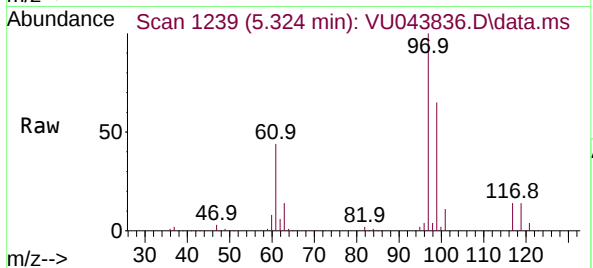




#29
1,1,1-Trichloroethane
Concen: 37.93 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

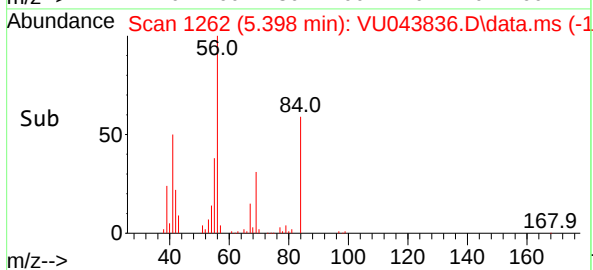
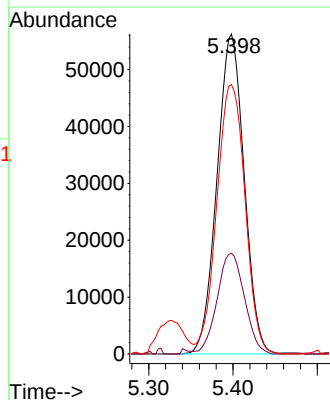
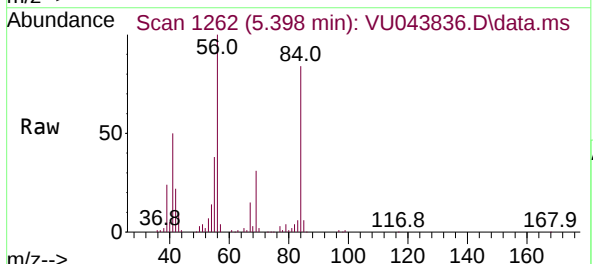
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

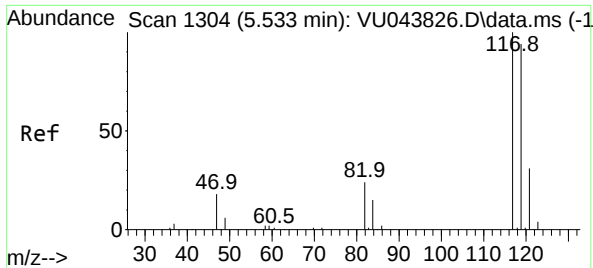
Tgt Ion: 97 Resp: 897942
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 43.8 37.0 55.4



#30
Cyclohexane
Concen: 4.80 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 56 Resp: 125971
Ion Ratio Lower Upper
56 100
69 31.6 24.8 37.2
84 87.7 66.8 100.2

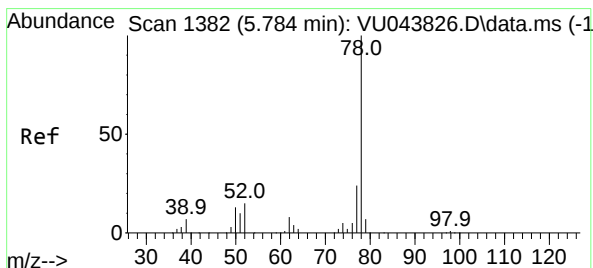
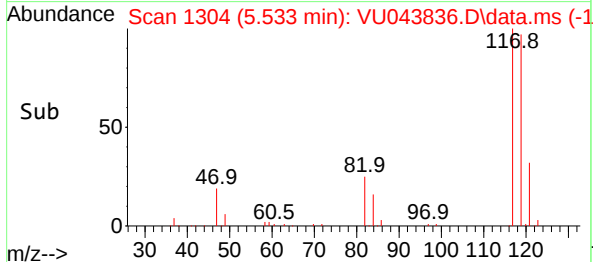
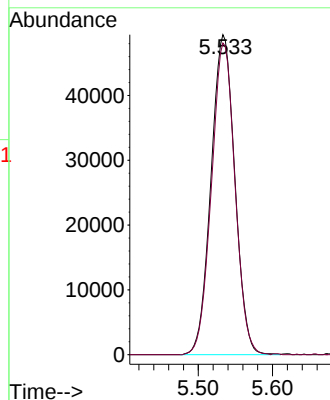
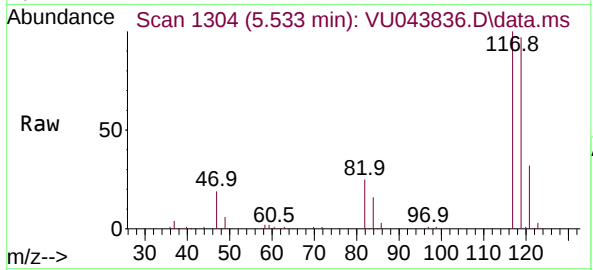




#31
Carbon tetrachloride
Concen: 5.55 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

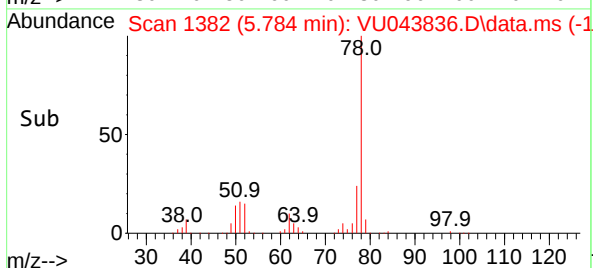
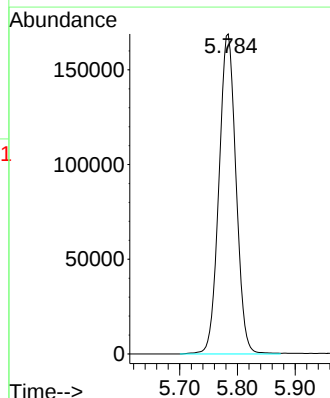
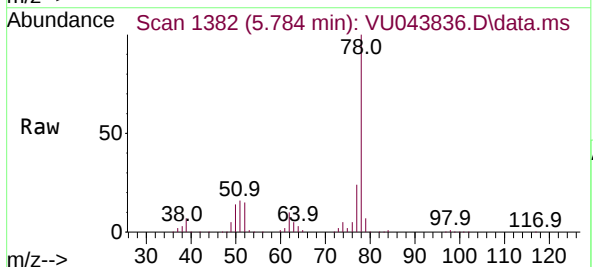
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MS

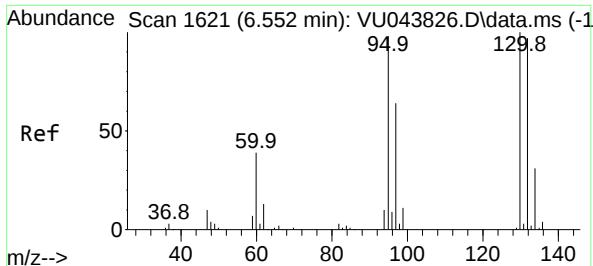
Tgt Ion:117 Resp: 109848
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0



#33
Benzene
Concen: 5.28 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 78 Resp: 346896



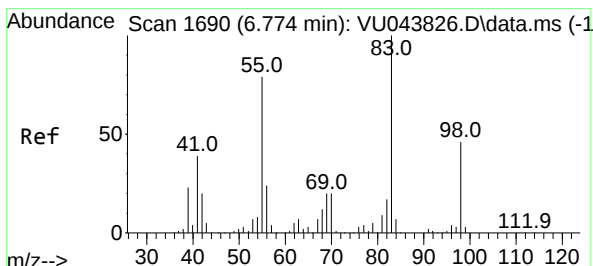
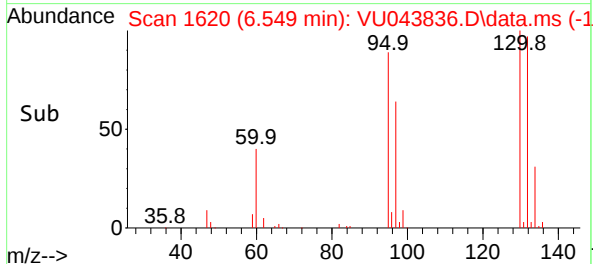
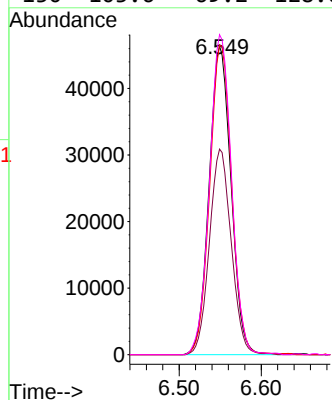
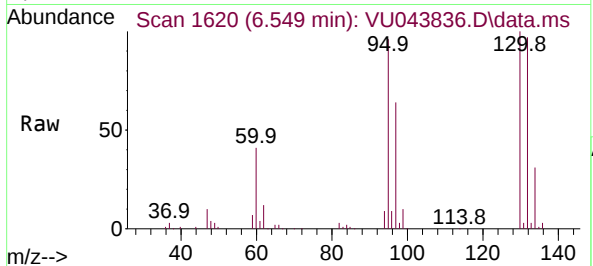


#34
Trichloroethene
Concen: 5.11 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

Tgt Ion: 95 Resp: 86168

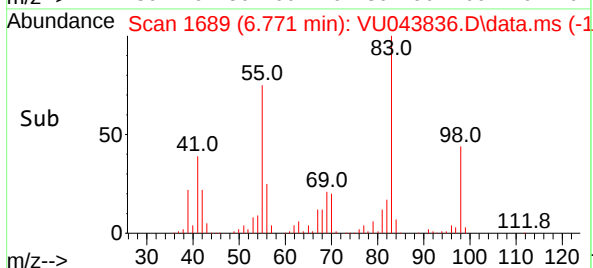
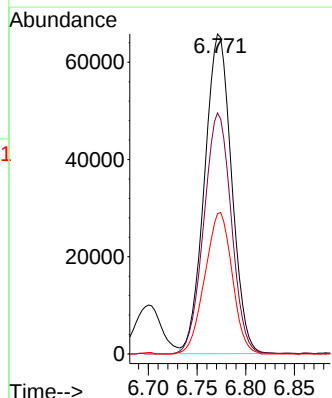
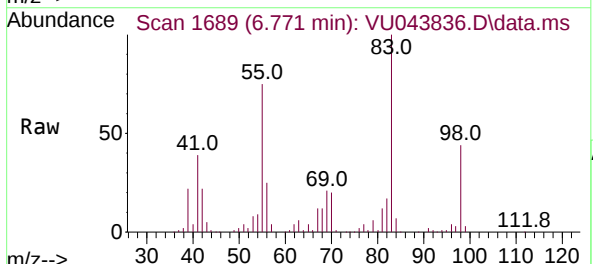
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.3	82.3
132	100.3	66.0	122.6
130	103.6	69.2	128.6

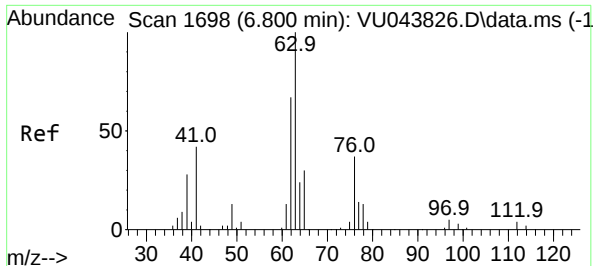


#35
Methylcyclohexane
Concen: 4.85 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 83 Resp: 127160

Ion	Ratio	Lower	Upper
83	100		
55	76.6	64.8	97.2
98	44.6	35.9	53.9

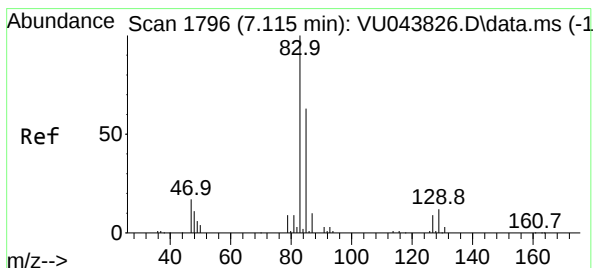
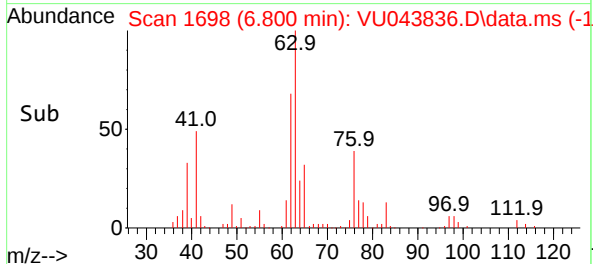
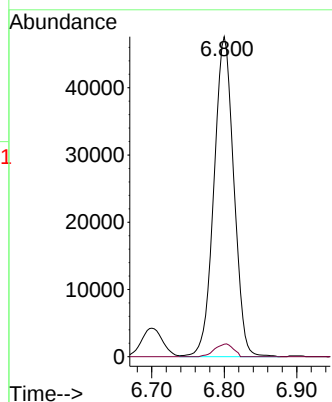
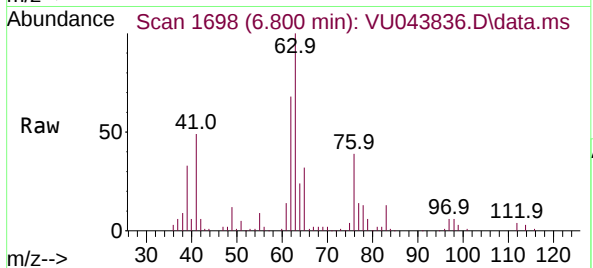




#37
1,2-Dichloropropane
Concen: 5.28 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

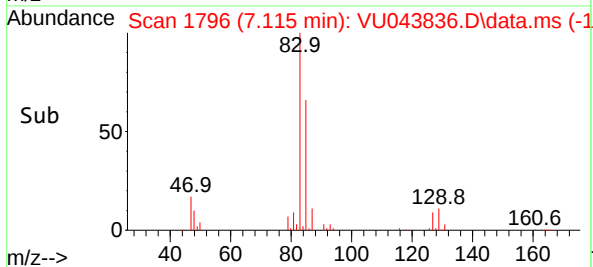
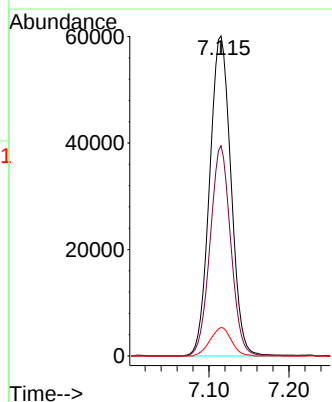
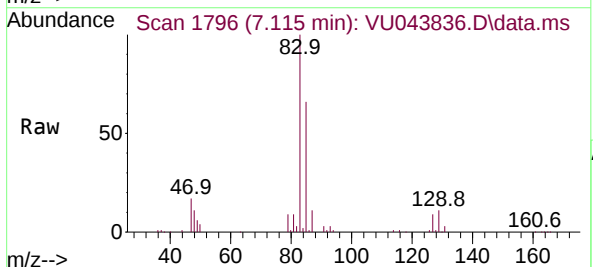
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

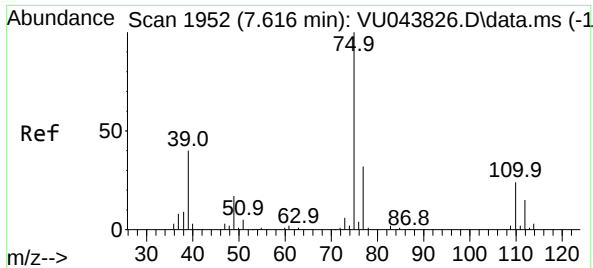
Tgt Ion: 63 Resp: 90687
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 5.56 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 83 Resp: 111320
Ion Ratio Lower Upper
83 100
85 65.7 44.6 82.8
127 8.9 7.0 10.4

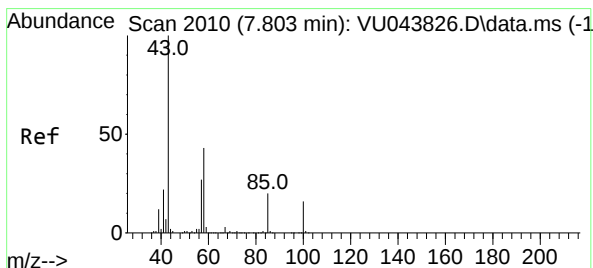
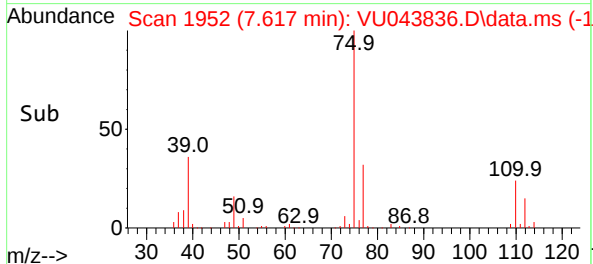
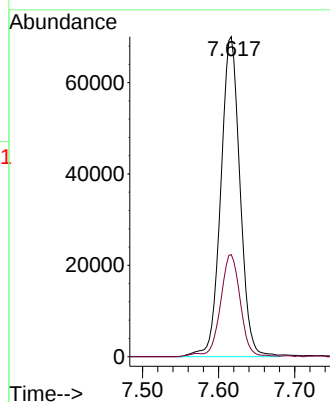
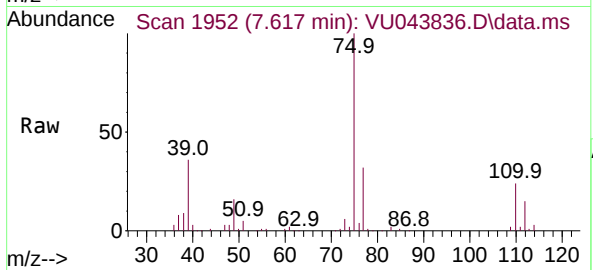




#39
cis-1,3-Dichloropropene
Concen: 5.38 ug/L
RT: 7.617 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

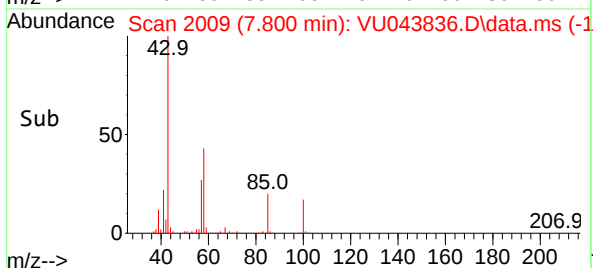
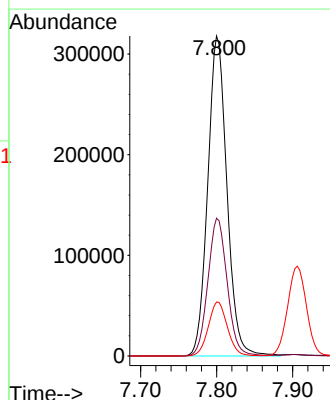
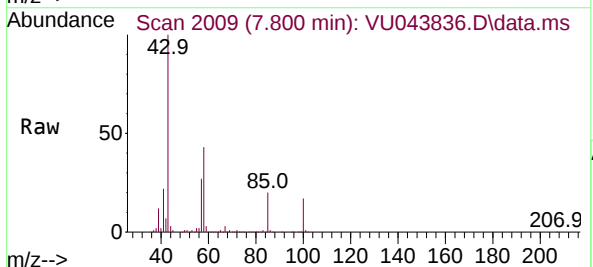
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

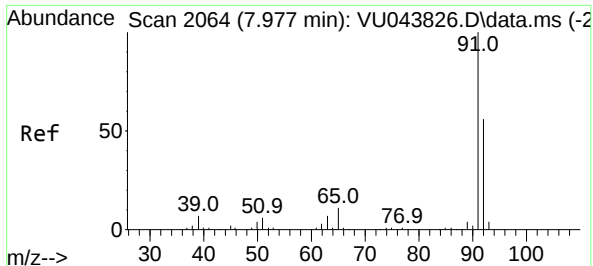
Tgt Ion: 75 Resp: 122874
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 50.88 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 43 Resp: 557345
Ion Ratio Lower Upper
43 100
58 43.3 32.8 49.2
100 16.8 11.9 17.9

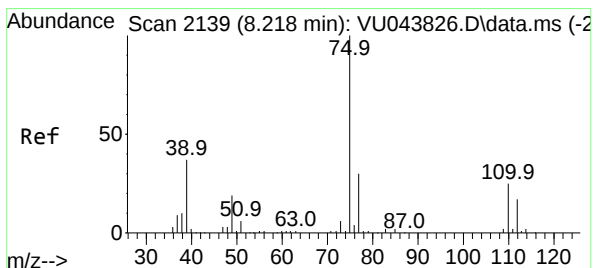
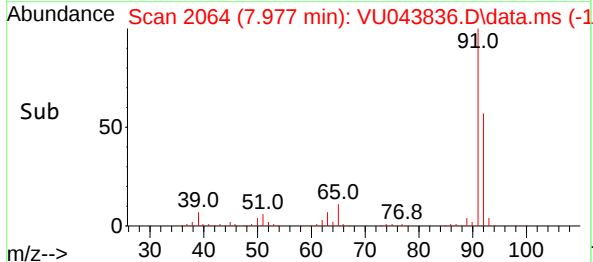
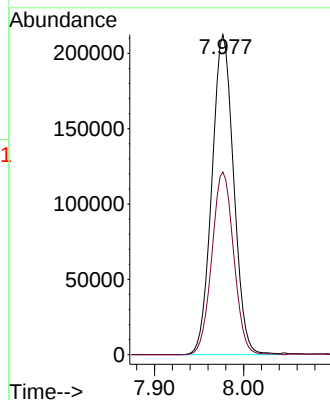
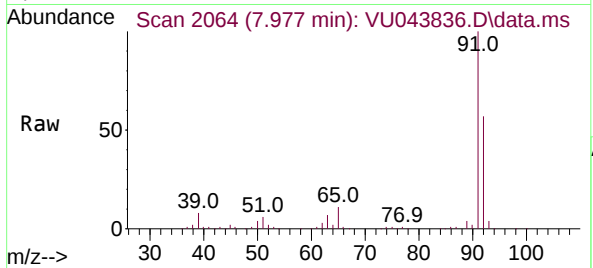




#42
Toluene
Concen: 5.23 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

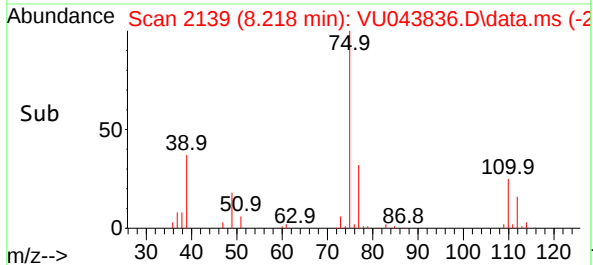
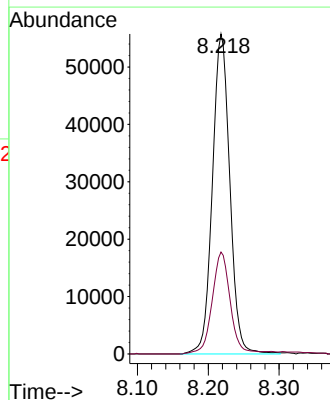
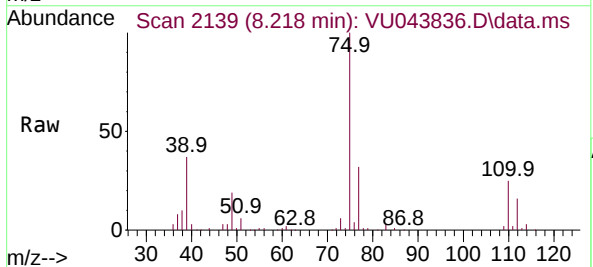
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MS

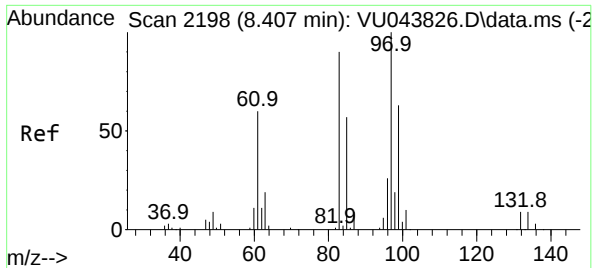
Tgt Ion: 91 Resp: 360723
Ion Ratio Lower Upper
91 100
92 57.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 4.83 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 75 Resp: 95180
Ion Ratio Lower Upper
75 100
77 31.9 21.5 39.9

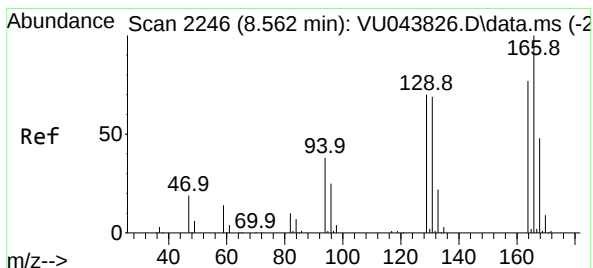
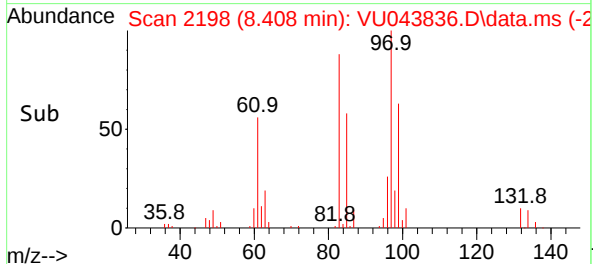
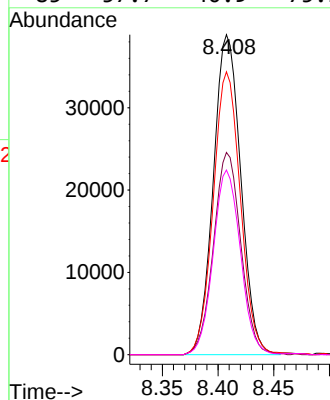
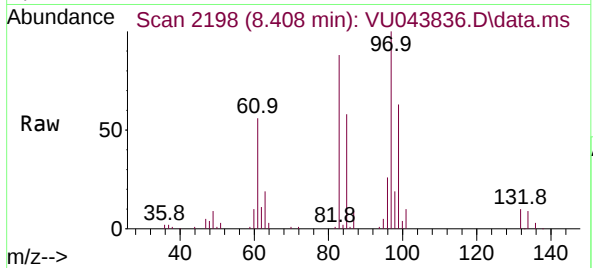




#45
1,1,2-Trichloroethane
Concen: 5.40 ug/L
RT: 8.408 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

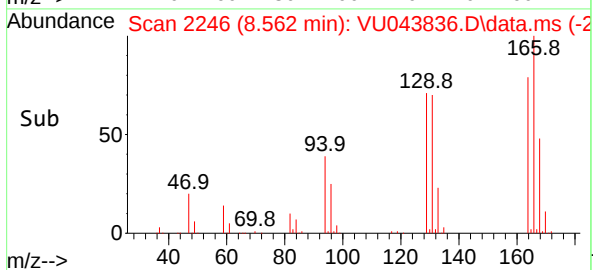
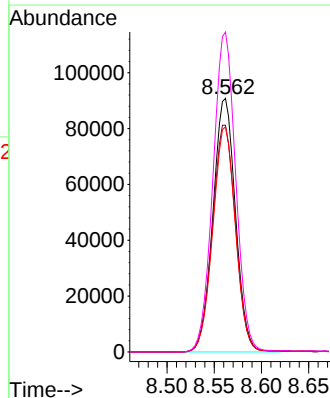
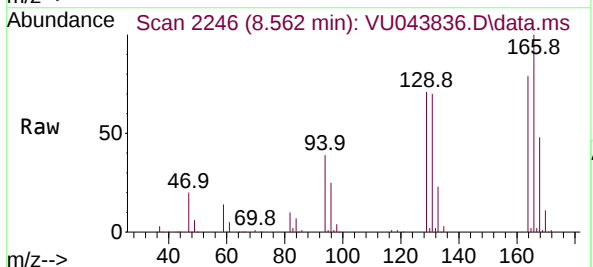
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

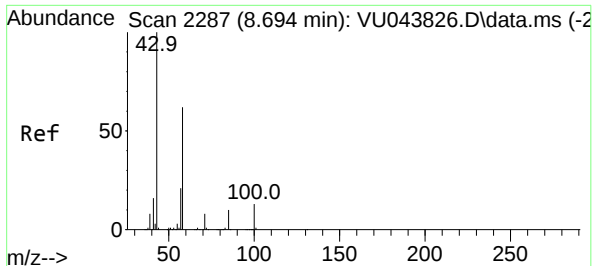
Tgt Ion:	97	Resp:	66619
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.4
83	88.4	62.5	116.1
85	57.7	40.9	75.9



#47
Tetrachloroethene
Concen: 11.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion:	164	Resp:	150734
Ion	Ratio	Lower	Upper
164	100		
129	89.4	64.1	119.1
131	88.8	61.2	113.8
166	126.2	87.8	163.2



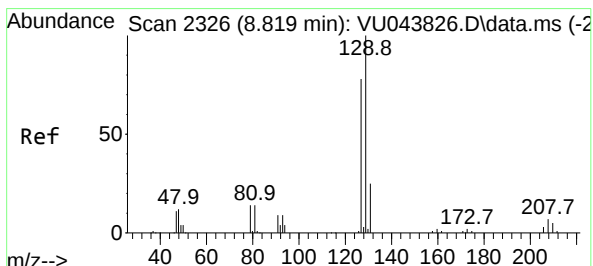
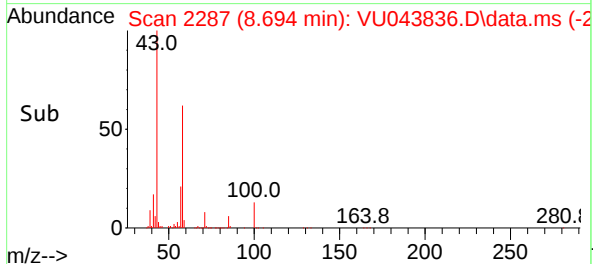
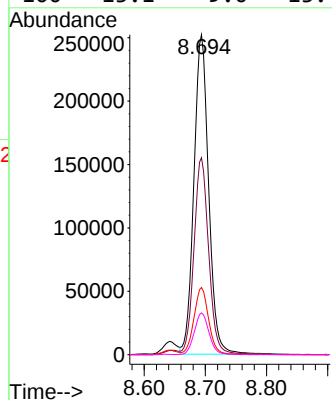
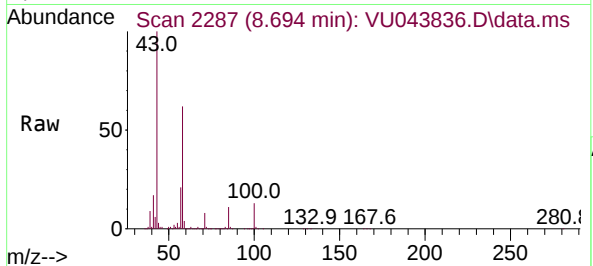


#48
2-Hexanone
Concen: 52.03 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

Tgt Ion: 43 Resp: 422809

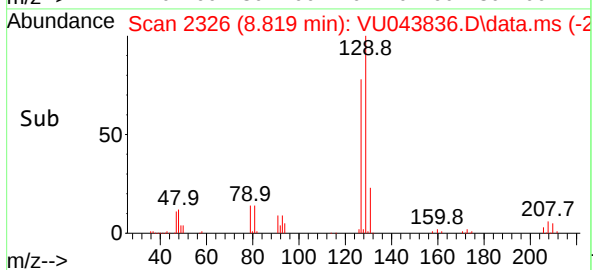
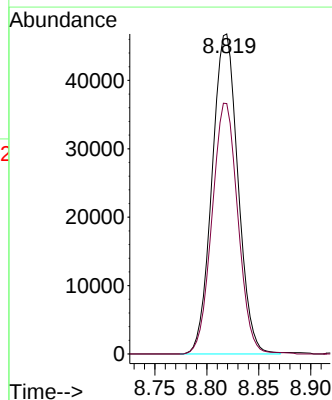
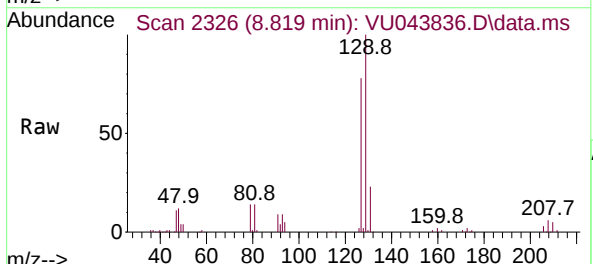
Ion	Ratio	Lower	Upper
43	100		
58	61.0	47.0	70.4
57	21.0	15.8	23.8
100	13.1	9.0	13.4

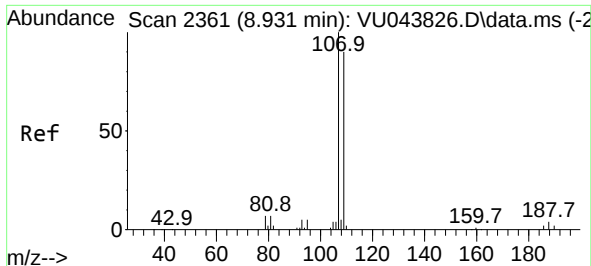


#49
Dibromochloromethane
Concen: 5.90 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 129 Resp: 81310

Ion	Ratio	Lower	Upper
129	100		
127	78.3	53.4	99.2





#50

1,2-Dibromoethane

Concen: 5.32 ug/L

RT: 8.932 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU043836.D

Acq: 19 May 2021 19:01

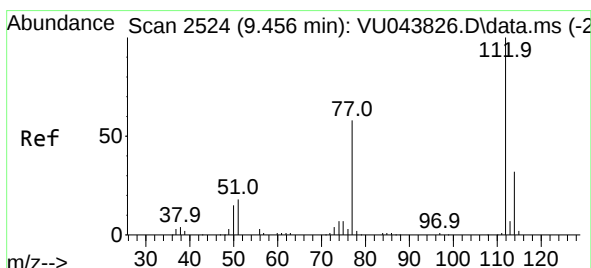
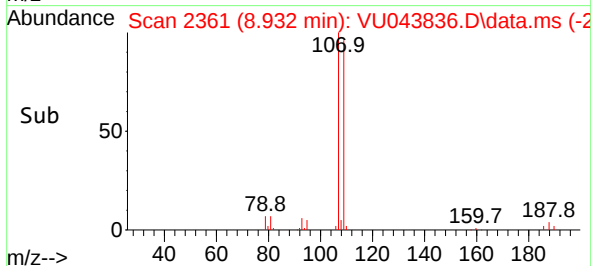
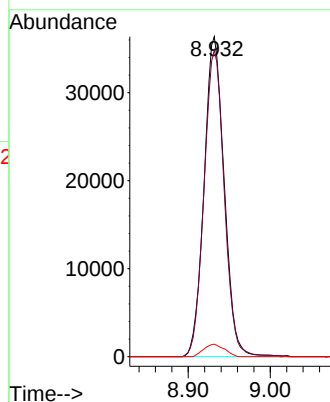
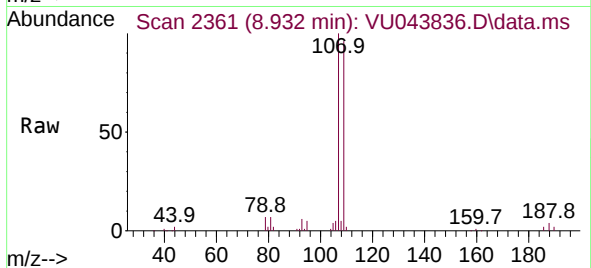
Instrument :

MSVOA_U

ClientSampleId :

GB3Y6MS

Tgt Ion:	107	Resp:	61762
Ion Ratio	Lower	Upper	
107	100		
109	95.8	67.7	125.7
188	3.9	3.3	4.9



#51

Chlorobenzene

Concen: 5.33 ug/L

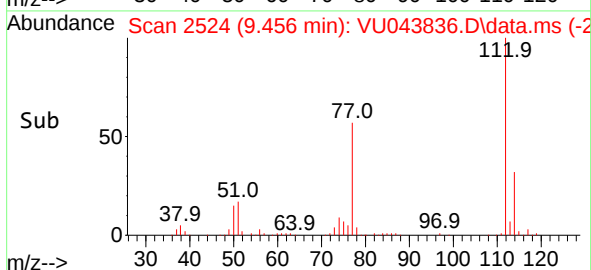
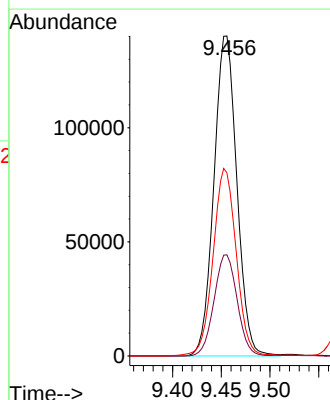
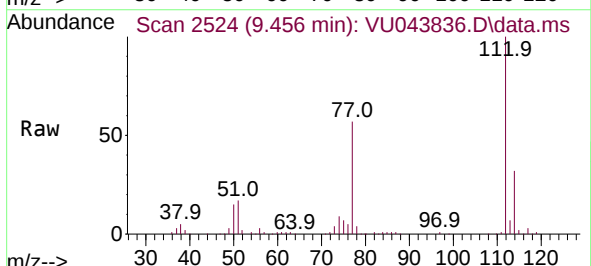
RT: 9.456 min Scan# 2524

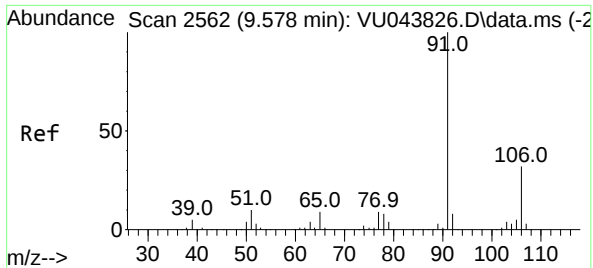
Delta R.T. 0.000 min

Lab File: VU043836.D

Acq: 19 May 2021 19:01

Tgt Ion:	112	Resp:	229617
Ion Ratio	Lower	Upper	
112	100		
114	31.6	22.3	41.5
77	57.2	47.8	71.8

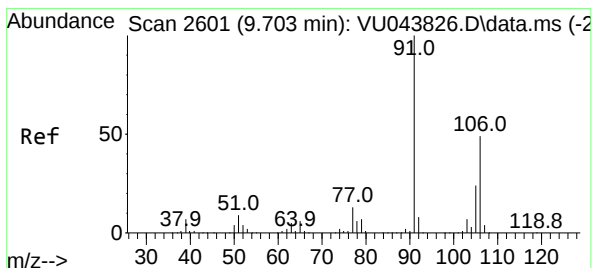
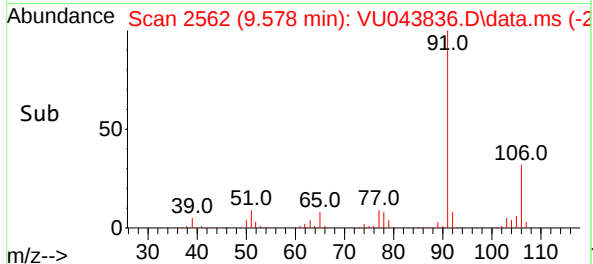
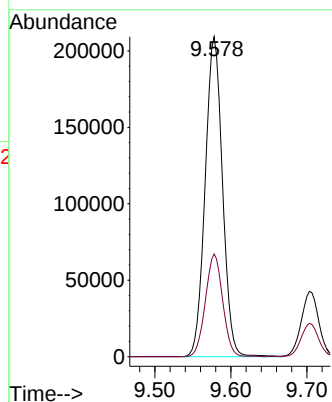
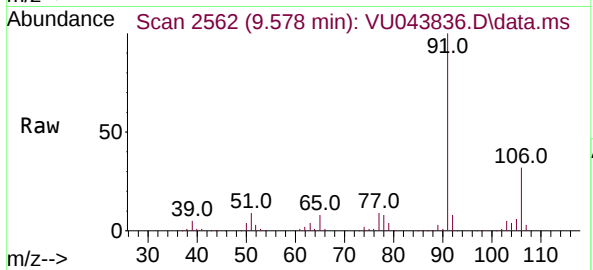




#52
Ethylbenzene
Concen: 4.69 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

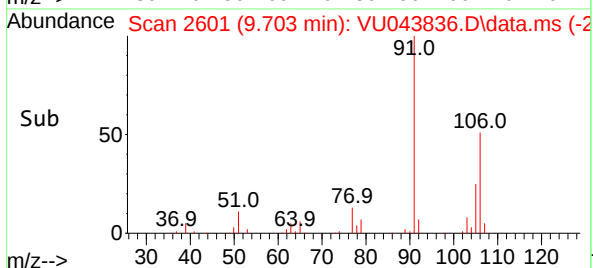
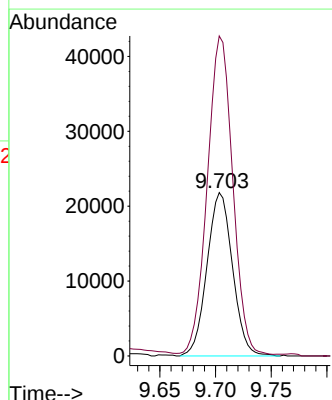
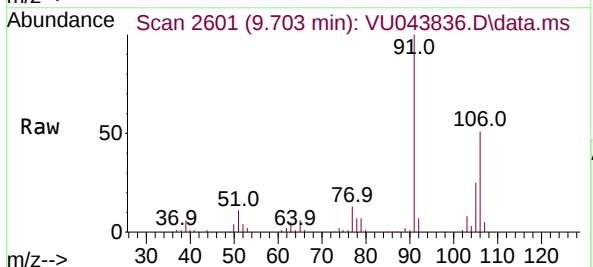
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MS

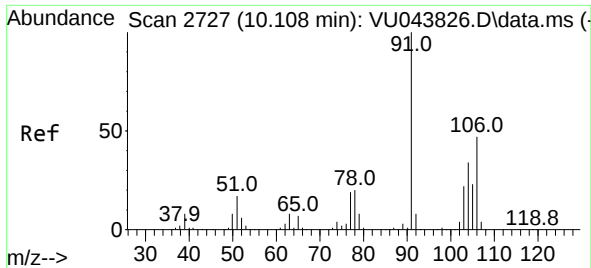
Tgt Ion: 91 Resp: 330874
Ion Ratio Lower Upper
91 100
106 32.1 21.7 40.3



#53
m,p-Xylene
Concen: 1.30 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 106 Resp: 34844
Ion Ratio Lower Upper
106 100
91 195.8 144.4 268.2

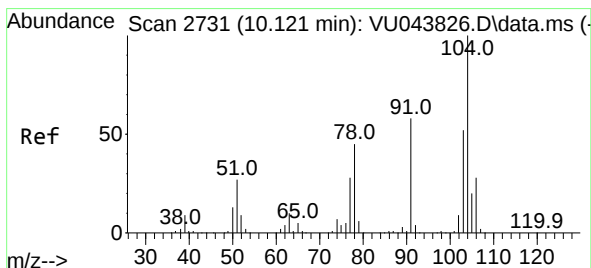
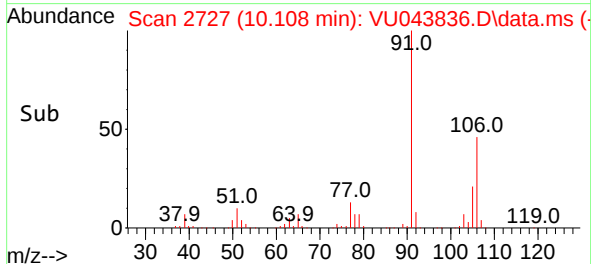
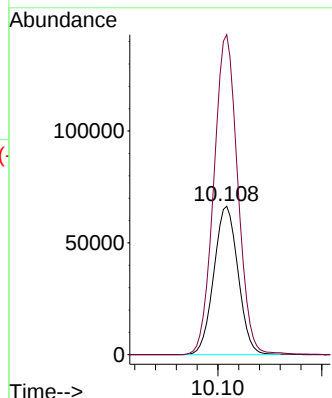
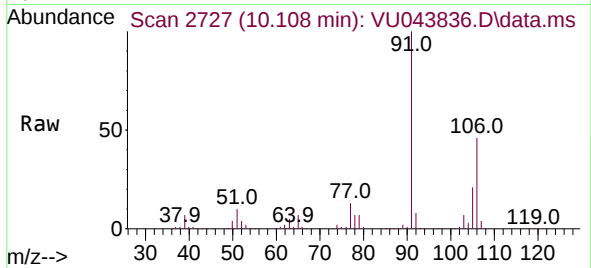




#54
o-Xylene
Concen: 4.20 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

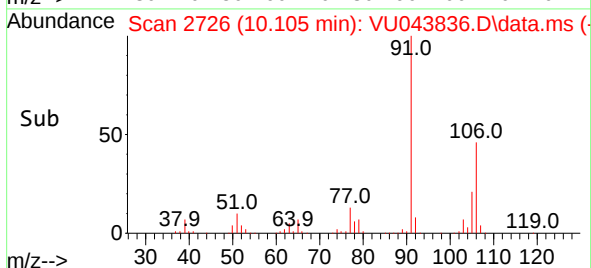
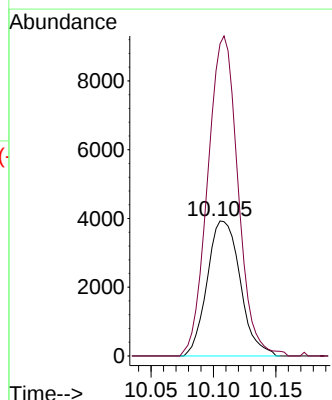
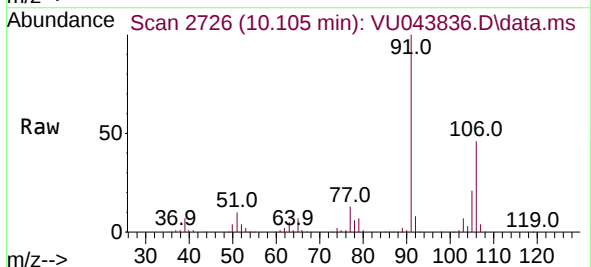
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

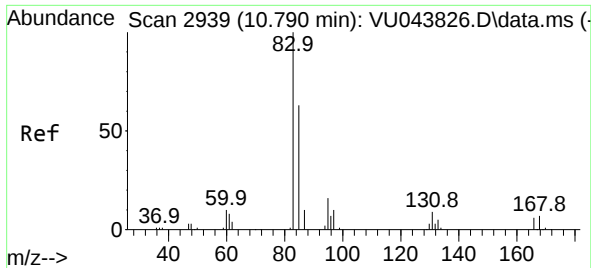
Tgt Ion:106 Resp: 107525
Ion Ratio Lower Upper
106 100
91 215.6 150.8 280.0



#55
Styrene
Concen: 0.17 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.016 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion:104 Resp: 7248
Ion Ratio Lower Upper
104 100
78 231.2 31.8 59.0#

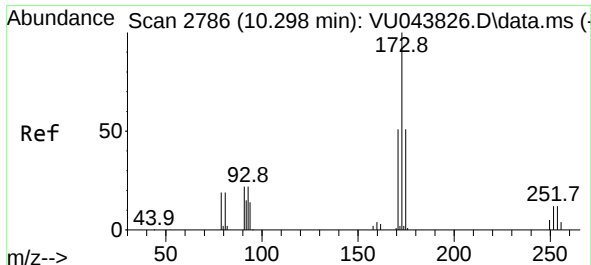
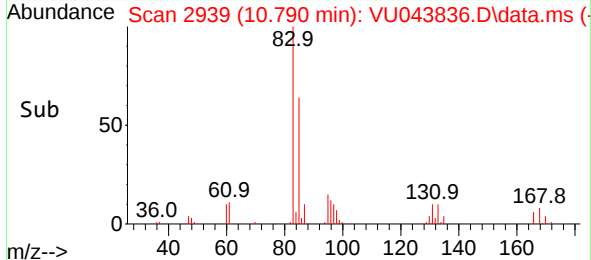
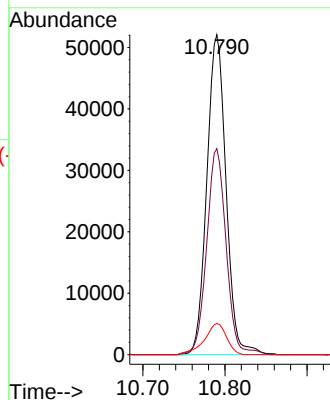
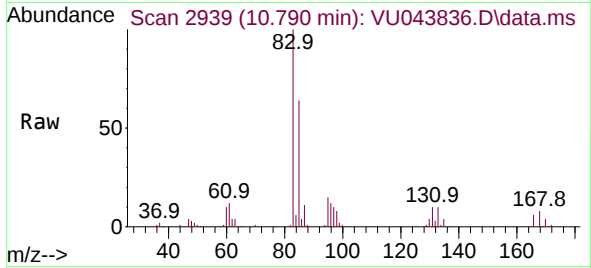




#57
1,1,2,2-Tetrachloroethane
Concen: 5.40 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

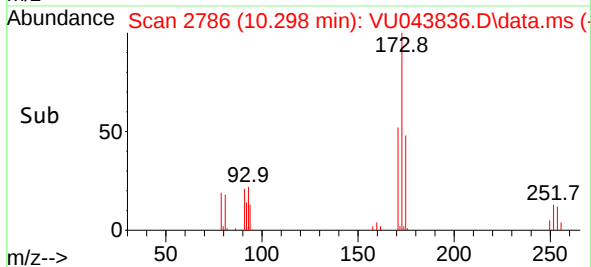
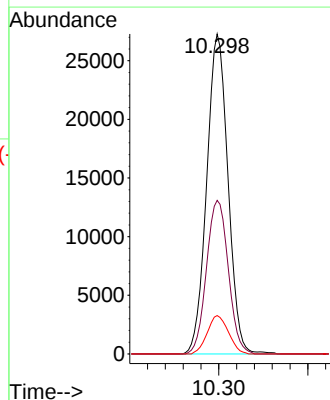
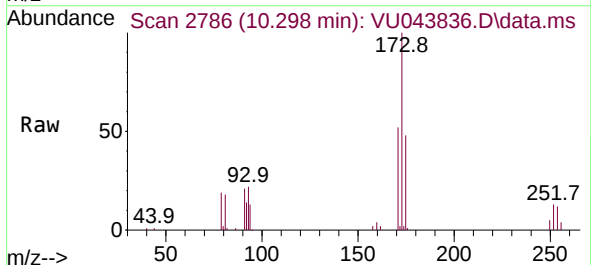
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

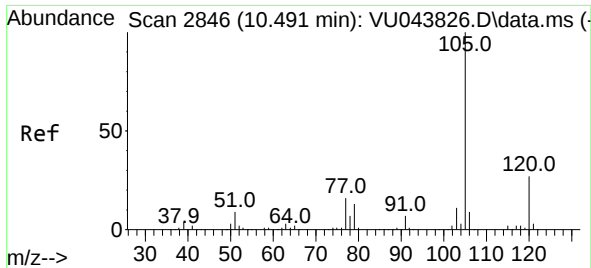
Tgt Ion:	83	Resp:	84645
Ion Ratio	Lower	Upper	
83	100		
85	64.4	45.1	83.7
131	9.8	7.6	11.4



#59
Bromoform
Concen: 5.72 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion:	173	Resp:	45200
Ion Ratio	Lower	Upper	
173	100		
175	49.1	38.8	58.2
254	12.0	9.4	14.2

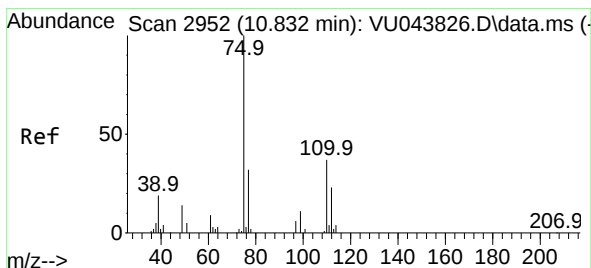
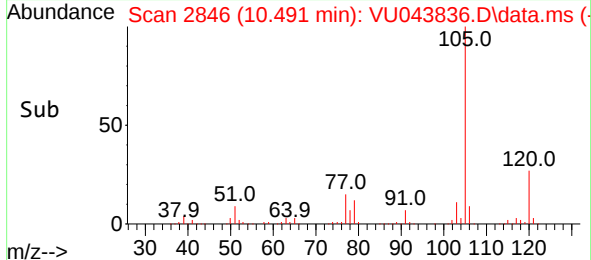
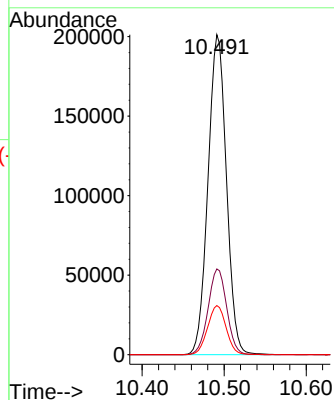
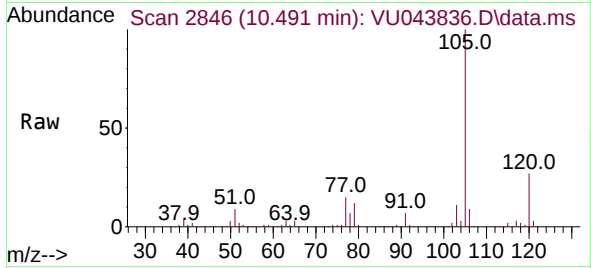




#60
Isopropylbenzene
Concen: 4.88 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

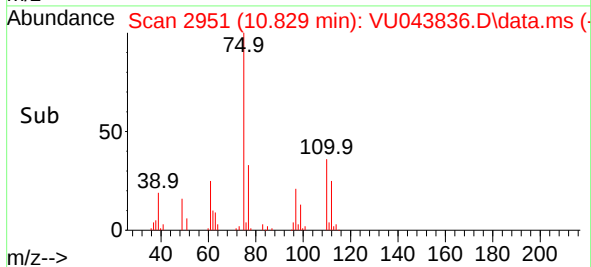
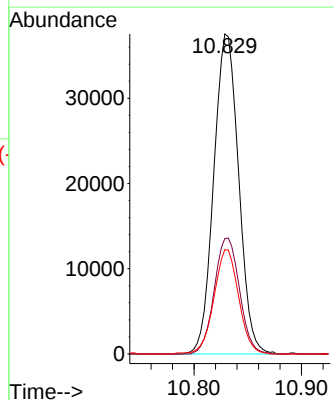
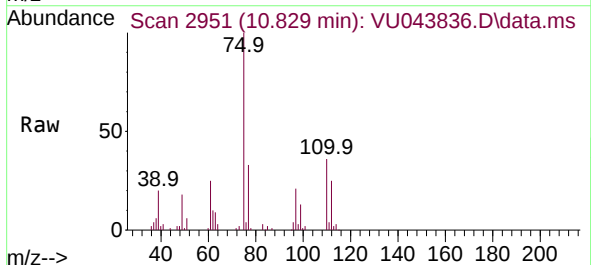
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

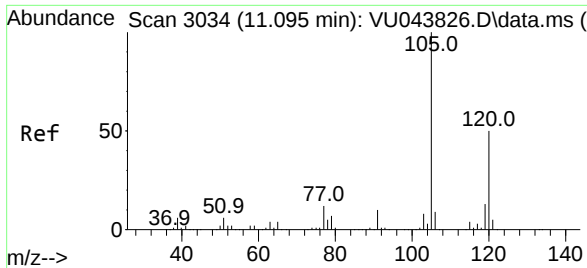
Tgt Ion:105 Resp: 314649
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.39 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion: 75 Resp: 60345
Ion Ratio Lower Upper
75 100
110 36.7 27.9 41.9
77 32.4 25.9 38.9

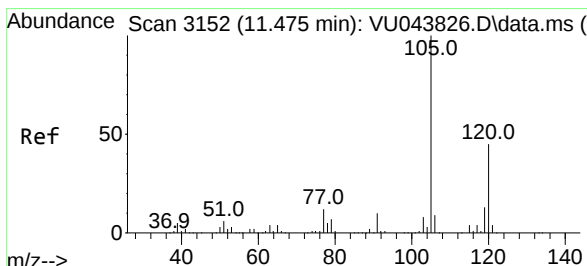
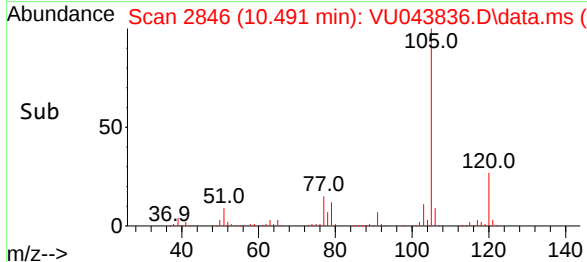
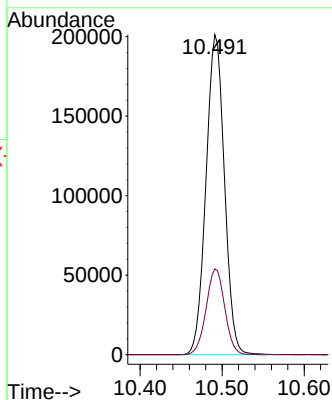
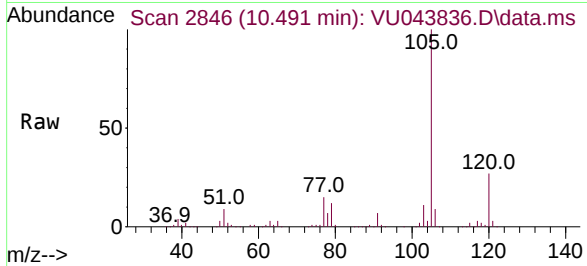




#62
1,3,5-Trimethylbenzene
Concen: 6.07 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.604 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

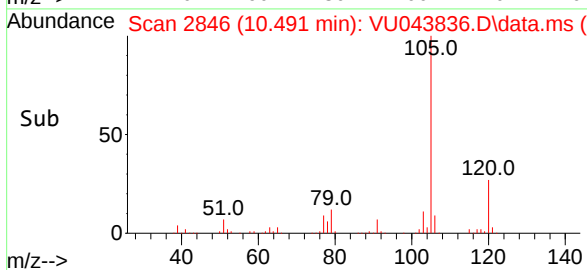
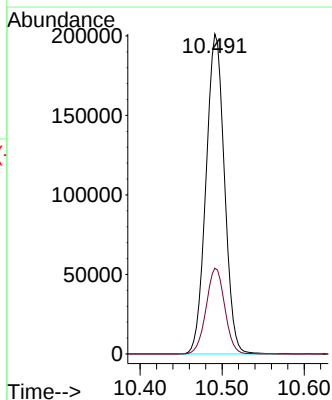
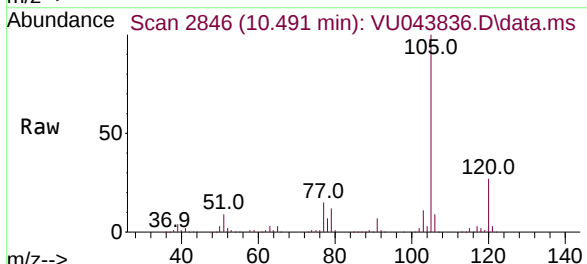
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

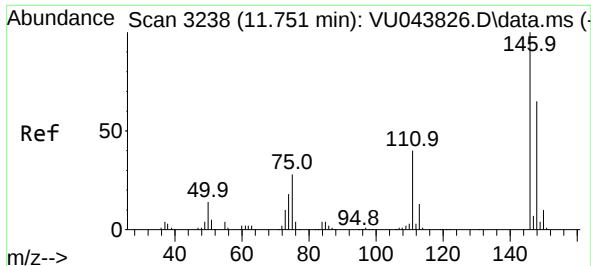
Tgt Ion:105 Resp: 314649
Ion Ratio Lower Upper
105 100
120 27.0 38.9 58.3#



#63
1,2,4-Trimethylbenzene
Concen: 5.92 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.984 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion:105 Resp: 314649
Ion Ratio Lower Upper
105 100
120 27.0 36.0 54.0#

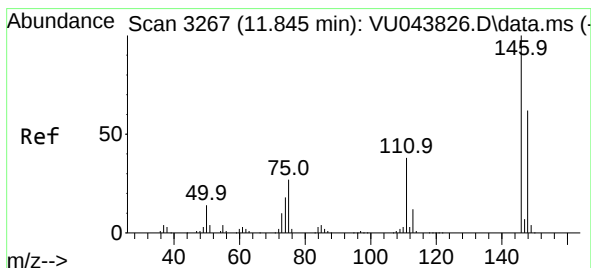
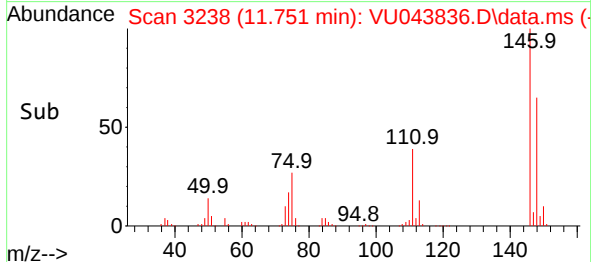
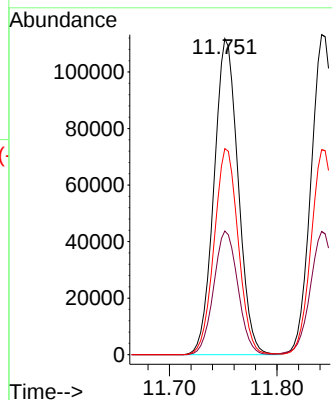
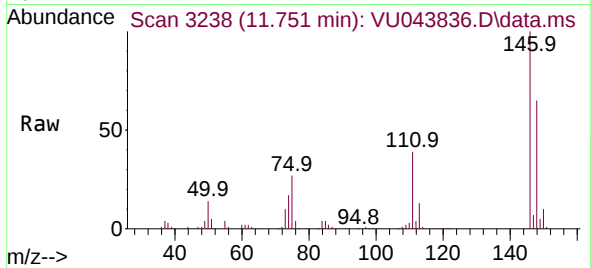




#64
1,3-Dichlorobenzene
Concen: 5.26 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

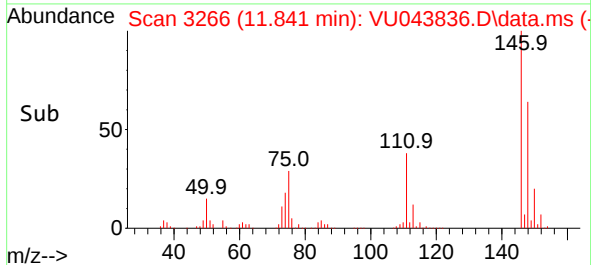
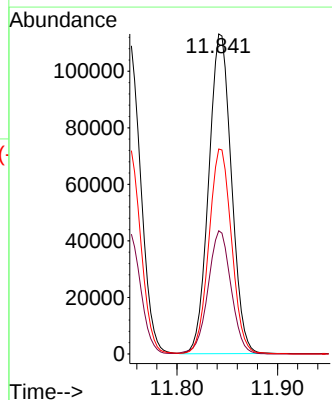
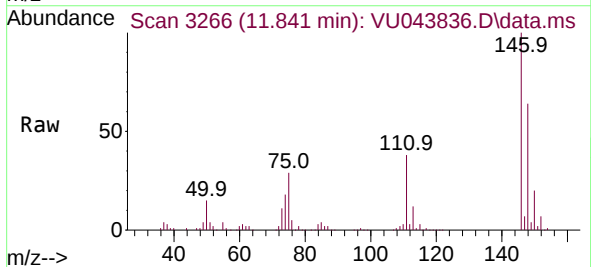
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

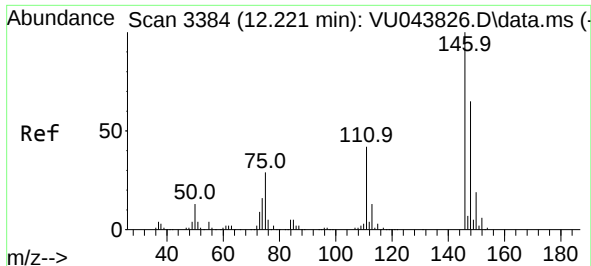
Tgt Ion:146 Resp: 174475
Ion Ratio Lower Upper
146 100
111 39.1 28.1 52.1
148 65.3 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.32 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion:146 Resp: 177433
Ion Ratio Lower Upper
146 100
111 38.5 27.0 50.2
148 64.0 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.57 ug/L

RT: 12.218 min Scan# 3383

Delta R.T. -0.003 min

Lab File: VU043836.D

Acq: 19 May 2021 19:01

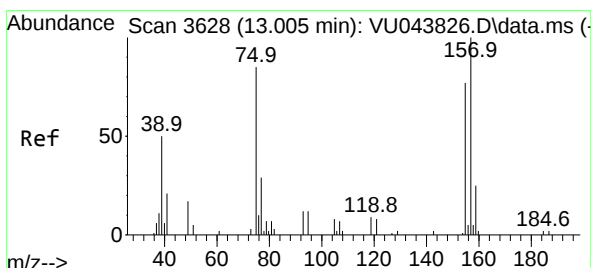
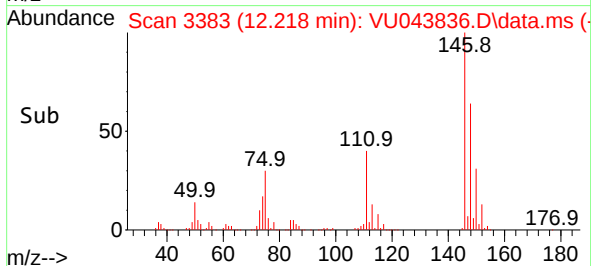
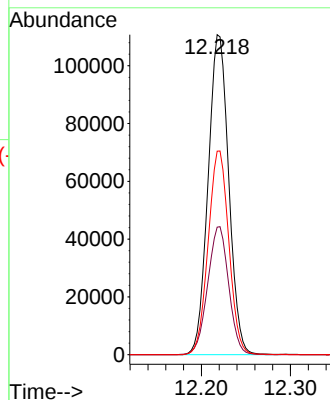
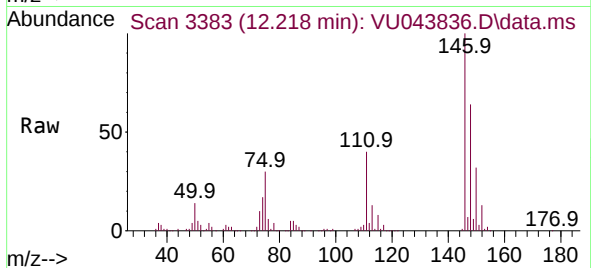
Tgt Ion:146 Resp: 177727

Ion Ratio Lower Upper

146 100

111 39.9 33.6 50.4

148 63.6 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.29 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. -0.003 min

Lab File: VU043836.D

Acq: 19 May 2021 19:01

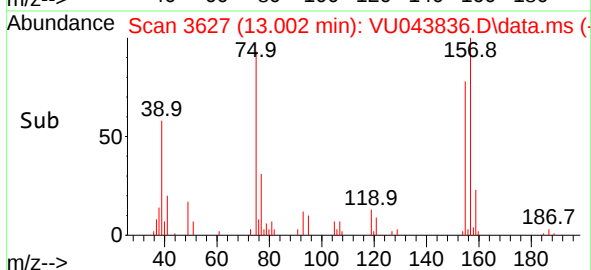
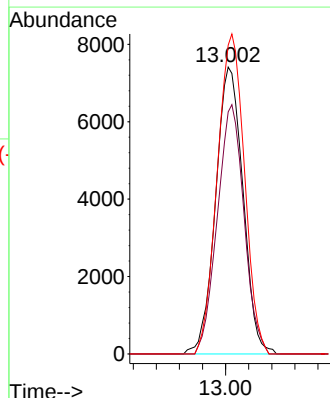
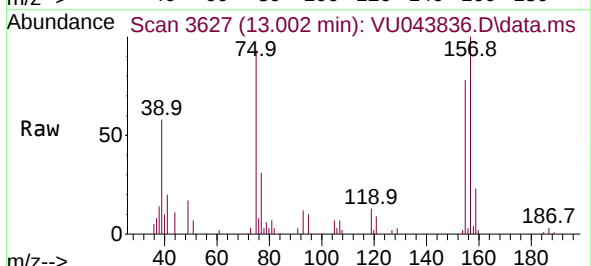
Tgt Ion: 75 Resp: 12174

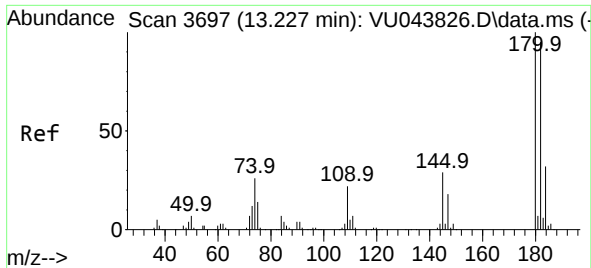
Ion Ratio Lower Upper

75 100

155 84.4 68.7 103.1

157 107.6 87.7 131.5

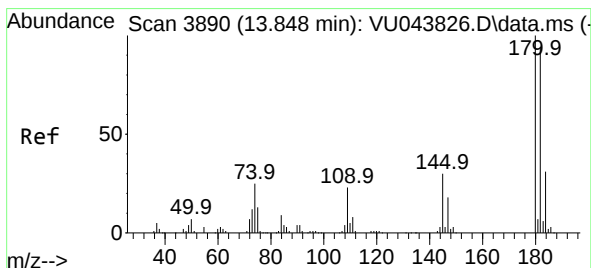
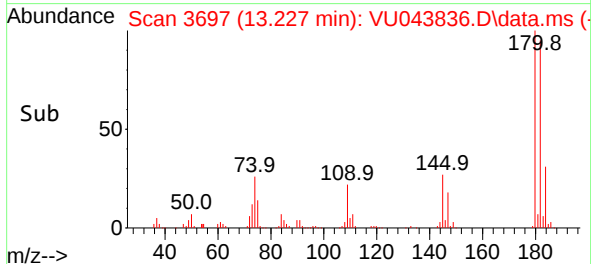
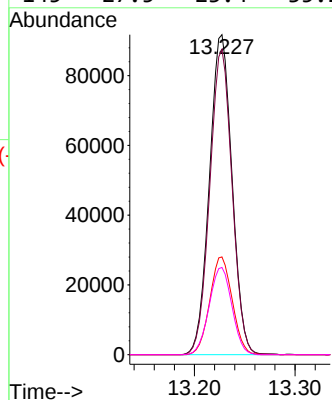
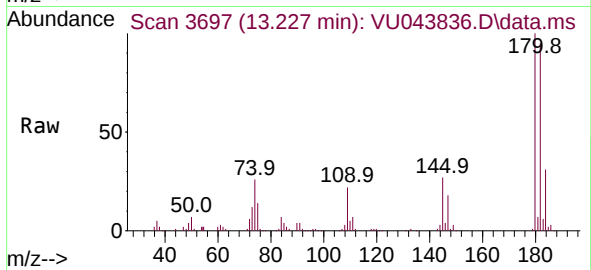




#69
1,3,5-Trichlorobenzene
Concen: 5.40 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

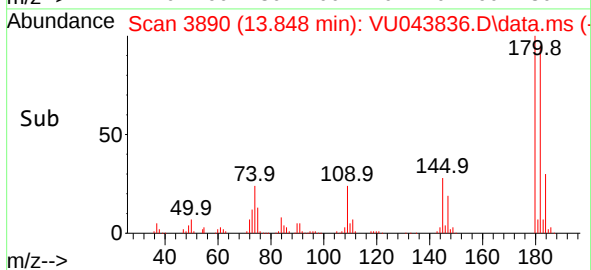
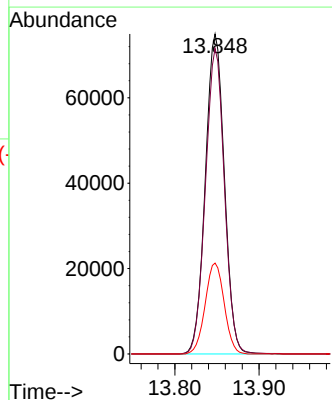
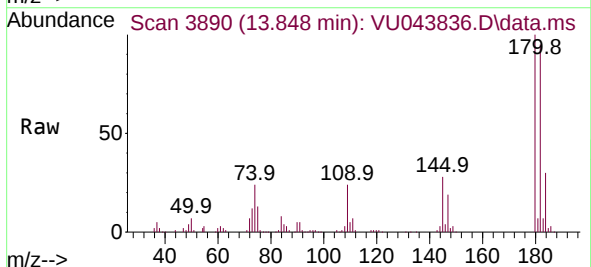
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MS

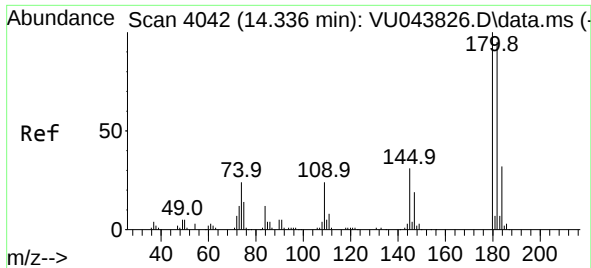
Tgt Ion:	180	Resp:	143097
Ion Ratio	Lower	Upper	
180	100		
182	94.3	78.2	117.2
184	30.4	24.8	37.2
145	27.5	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 5.40 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043836.D
Acq: 19 May 2021 19:01

Tgt Ion:	180	Resp:	117900
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.9	115.3
145	28.4	23.0	34.4





#72
 1,2,3-Trichlorobenzene
 Concen: 5.17 ug/L
 RT: 14.337 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VU043836.D
 Acq: 19 May 2021 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6MS

Tgt Ion:180 Resp: 106923
 Ion Ratio Lower Upper
 180 100
 182 98.0 77.0 115.4
 145 31.6 24.6 36.8

