

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043646.D
 Acq On : 10 May 2021 18:19
 Operator : SY/MD
 Sample : M2300-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 04:00:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	105415	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	101401	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	52343	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27675	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.919	69	22741	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.572	65	13930	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.649	46	150328	57.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.26%
24) Chloroform-d	5.073	84	68114	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.713	65	41622	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.736	84	118122	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.700	67	43300	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.906	98	106890	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloroprop...	8.186	79	16999	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.642	63	95283	58.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37539	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	39553	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	34642	4.85	ug/L	99
3) Chloromethane	1.523	50	35728	4.75	ug/L	99
5) Vinyl chloride	1.607	62	37039	5.19	ug/L	96
6) Bromomethane	1.864	94	18702	5.54	ug/L	98
8) Chloroethane	1.938	64	22336	4.85	ug/L	96
9) Trichlorofluoromethane	2.144	101	54958	4.94	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34924	5.09	ug/L	97
12) 1,1-Dichloroethene	2.584	96	30212	5.13	ug/L	89
13) Acetone	2.665	43	102260	58.27	ug/L	97
14) Carbon disulfide	2.800	76	70458	4.78	ug/L	96
15) Methyl Acetate	2.967	43	21769	5.44	ug/L	97
16) Methylene chloride	3.054	84	38861	4.12	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	96197	5.58	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	30943	5.04	ug/L	96
19) 1,1-Dichloroethane	3.880	63	76402	5.23	ug/L	98
21) 2-Butanone	4.729	43	171789	61.06	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	37619	5.21	ug/L	99
23) Bromochloromethane	4.986	128	16930	5.27	ug/L	89
25) Chloroform	5.099	83	76715	4.93	ug/L	98

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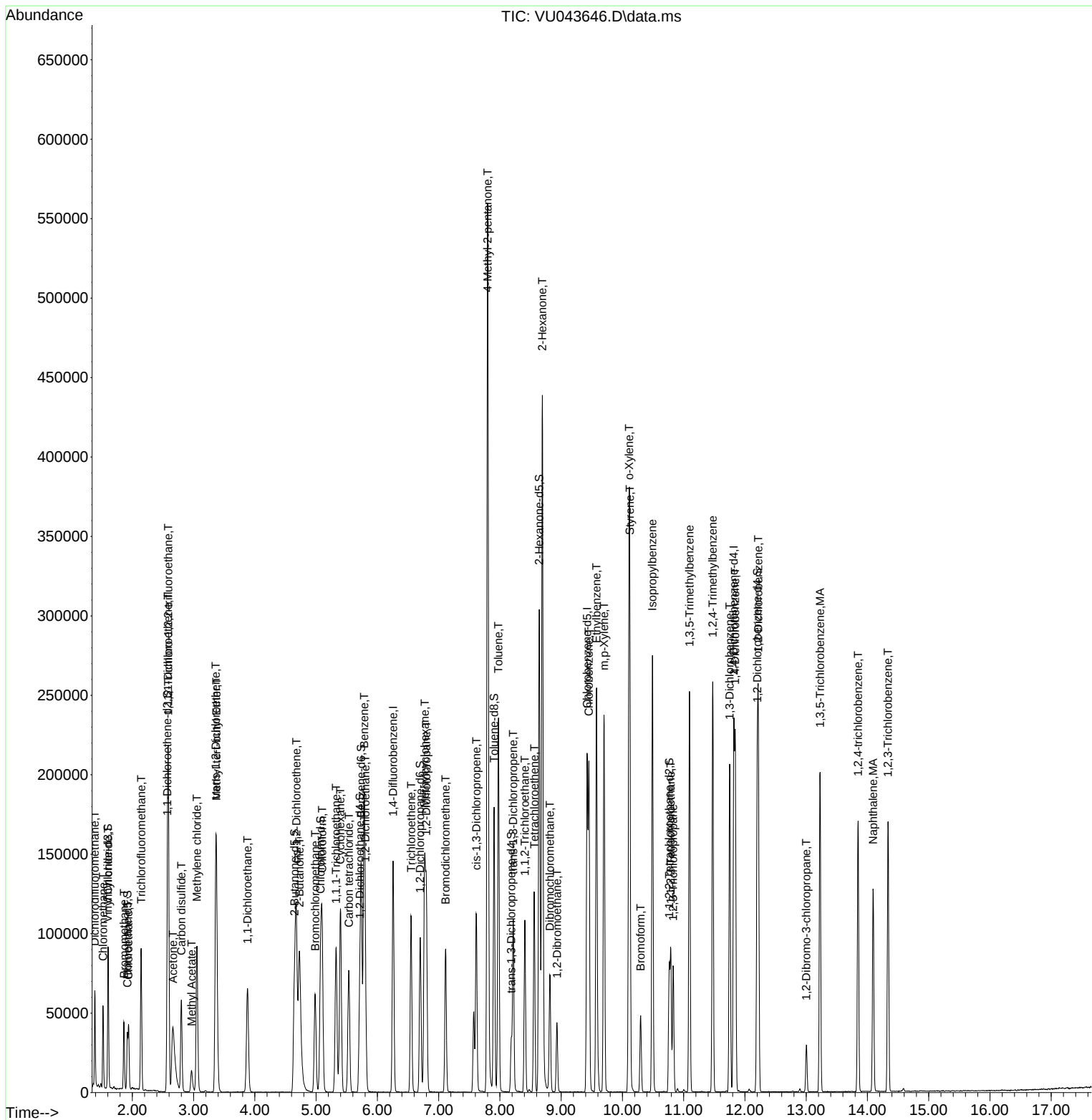
Instrument :
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 ClientSampleId :

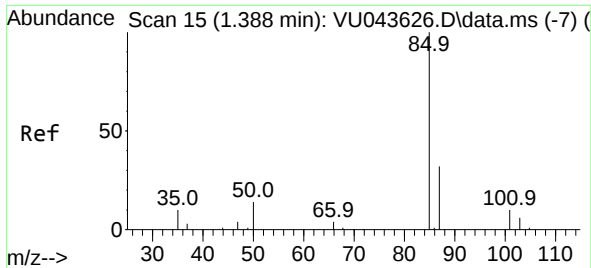
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	54356	5.15	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	62454	5.24	ug/L	98
30) Cyclohexane	5.398	56	53245	5.60	ug/L	99
31) Carbon tetrachloride	5.536	117	50037	5.12	ug/L	99
33) Benzene	5.784	78	146896	5.50	ug/L	100
34) Trichloroethene	6.552	95	37471	5.49	ug/L	95
35) Methylcyclohexane	6.774	83	46600	5.28	ug/L	99
37) 1,2-Dichloropropane	6.800	63	44082	5.53	ug/L	100
38) Bromodichloromethane	7.115	83	55688	5.39	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	58638	5.55	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	398523	61.07	ug/L	99
42) Toluene	7.977	91	156165	5.59	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	53990	5.61	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	30673	5.57	ug/L	98
47) Tetrachloroethene	8.562	164	25878	5.15	ug/L	97
48) 2-Hexanone	8.694	43	300919	62.16	ug/L	98
49) Dibromochloromethane	8.819	129	35460	5.32	ug/L	95
50) 1,2-Dibromoethane	8.932	107	28061	5.47	ug/L	97
51) Chlorobenzene	9.452	112	96807	5.45	ug/L	99
52) Ethylbenzene	9.578	91	165611	5.59	ug/L	100
53) m,p-Xylene	9.700	106	60852	5.65	ug/L	96
54) o-Xylene	10.108	106	60252	5.76	ug/L	98
55) Styrene	10.121	104	100581	5.49	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	41366	5.57	ug/L	95
59) Bromoform	10.298	173	20572	5.40	ug/L	98
60) Isopropylbenzene	10.491	105	160576	5.63	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	30515	5.76	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	127299	5.68	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	132524	5.90	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	75889	5.37	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	77064	5.31	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	74751	5.25	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	7497	5.94	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	57127	5.10	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	47312	5.13	ug/L	99
71) Naphthalene	14.092	128	92157	5.80	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	46515	5.37	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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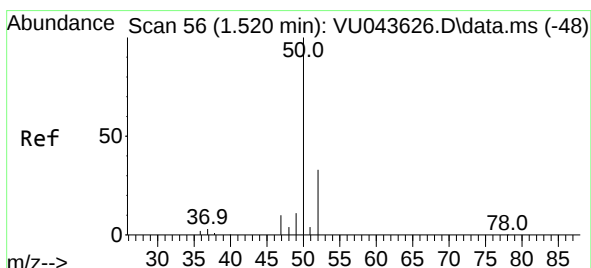
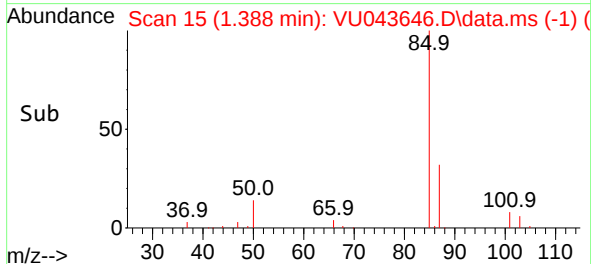
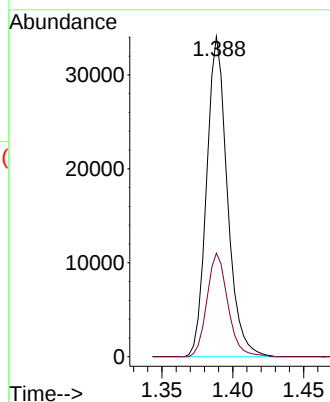
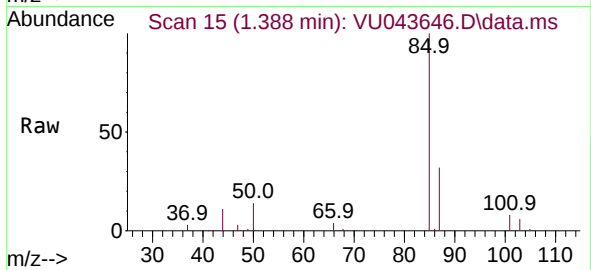




#2
Dichlorodifluoromethane
Concen: 4.85 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

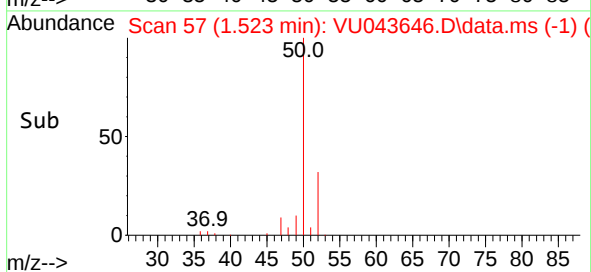
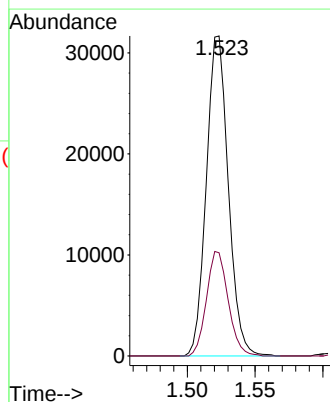
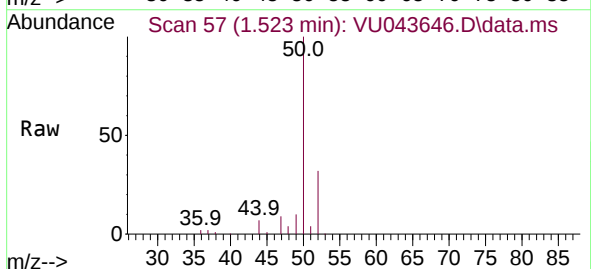
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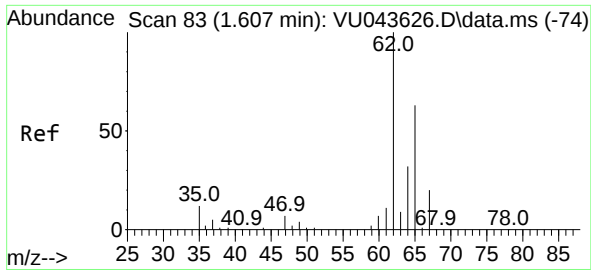
Tgt Ion: 85 Resp: 34642
Ion Ratio Lower Upper
85 100
87 32.5 26.6 39.8



#3
Chloromethane
Concen: 4.75 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 50 Resp: 35728
Ion Ratio Lower Upper
50 100
52 32.2 22.1 41.1

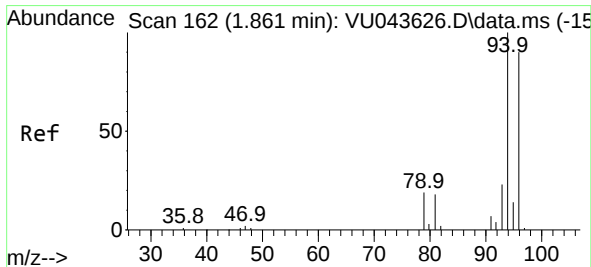
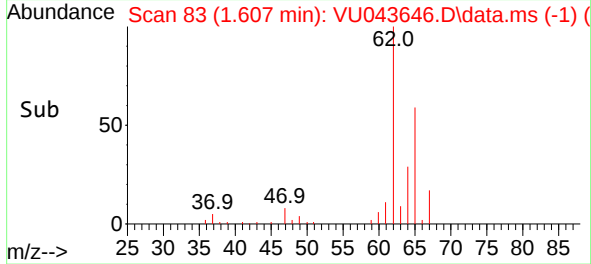
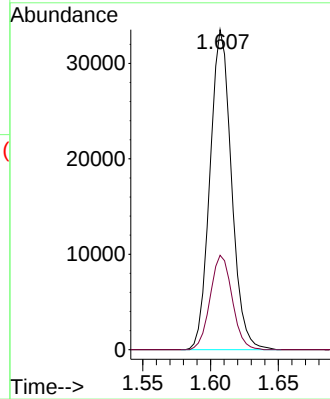
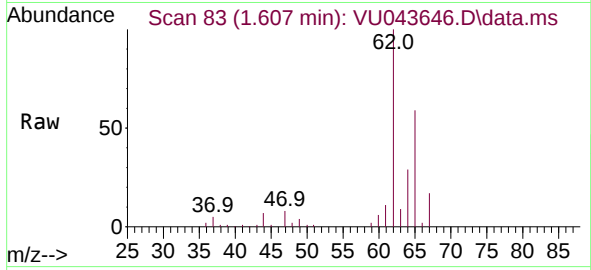




#5
 Vinyl chloride
 Concen: 5.19 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043646.D
 Acq: 10 May 2021 18:19

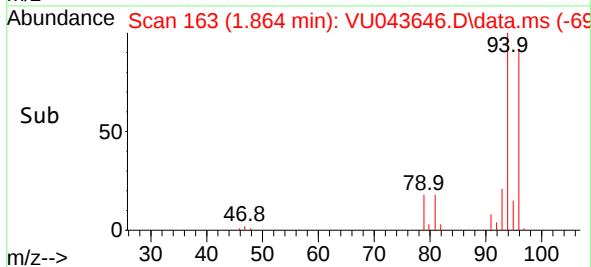
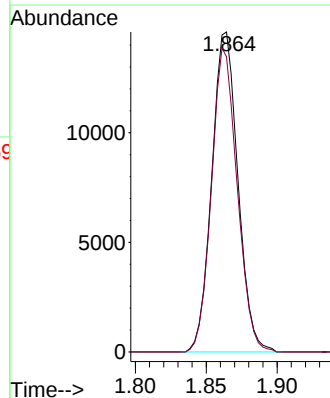
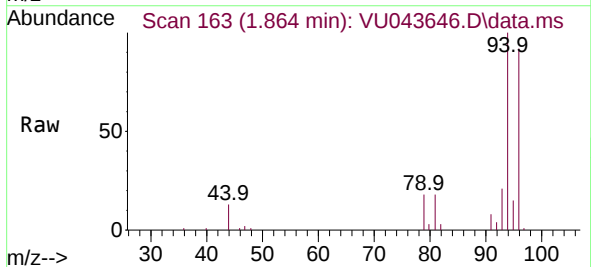
Instrument :
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 ClientSampled :

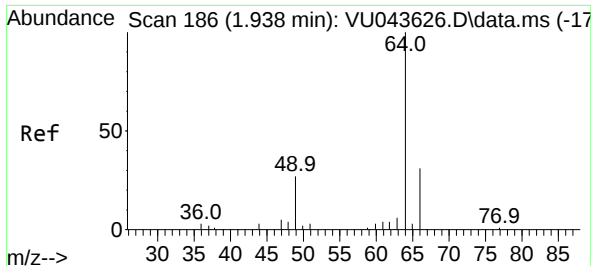
Tgt Ion: 62 Resp: 37039
 Ion Ratio Lower Upper
 62 100
 64 29.5 22.3 41.3



#6
 Bromomethane
 Concen: 5.54 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU043646.D
 Acq: 10 May 2021 18:19

Tgt Ion: 94 Resp: 18702
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.7 121.9

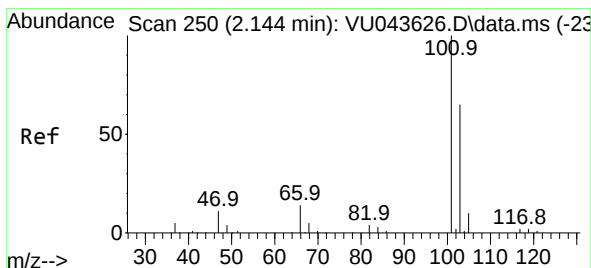
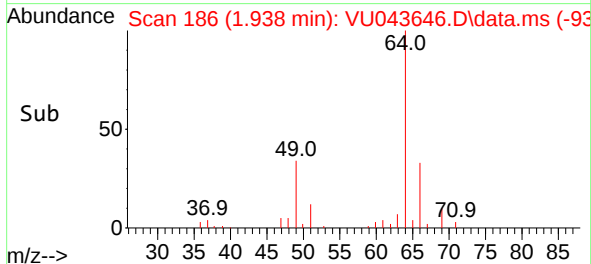
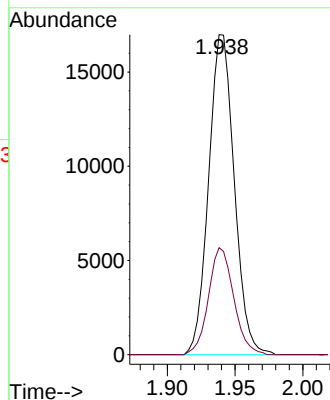
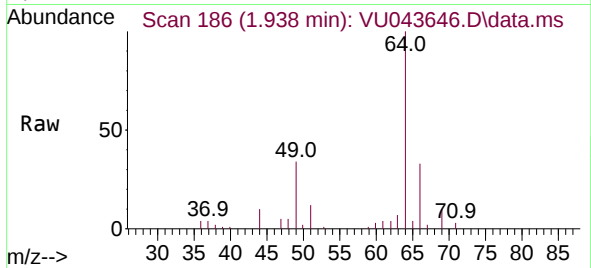




#8
Chloroethane
Concen: 4.85 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

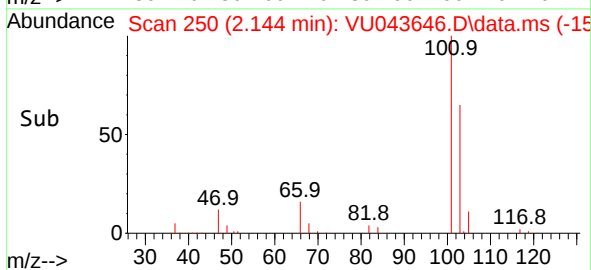
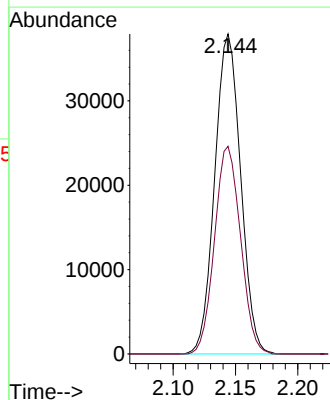
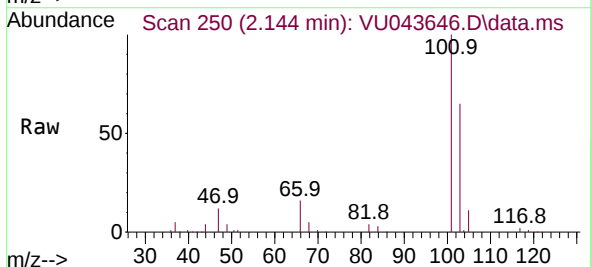
Instrument :
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ClientSampled :

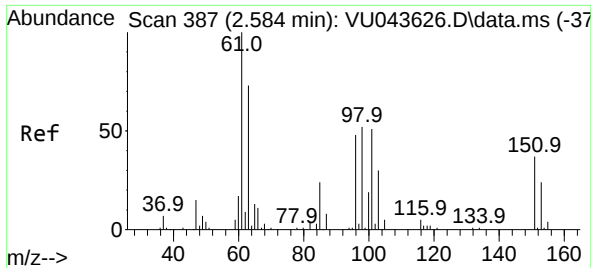
Tgt Ion: 64 Resp: 22336
Ion Ratio Lower Upper
64 100
66 33.4 21.8 40.4



#9
Trichlorofluoromethane
Concen: 4.94 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:101 Resp: 54958
Ion Ratio Lower Upper
101 100
103 65.1 52.6 78.8

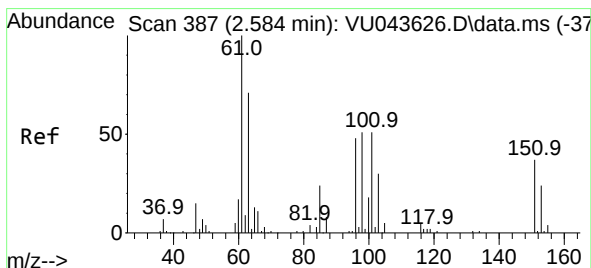
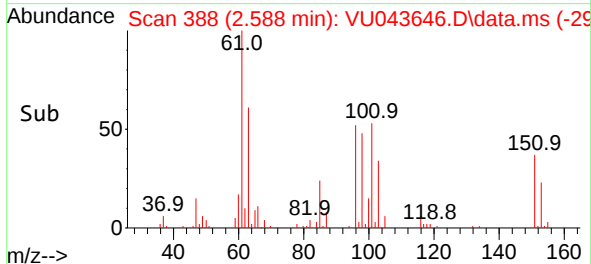
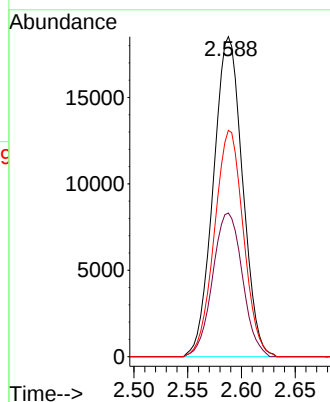
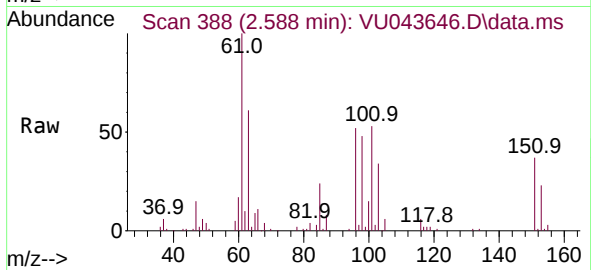




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.09 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

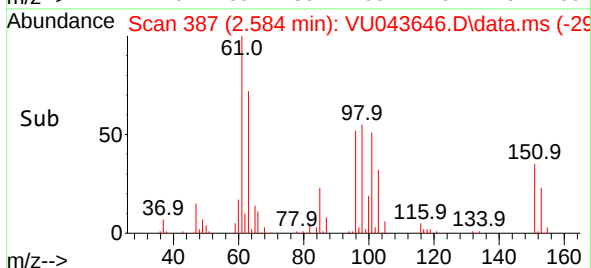
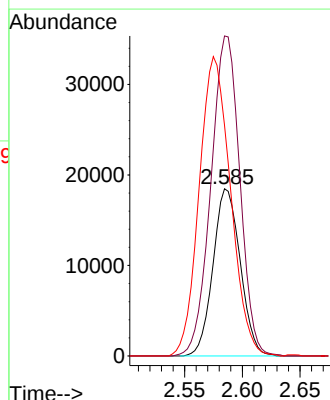
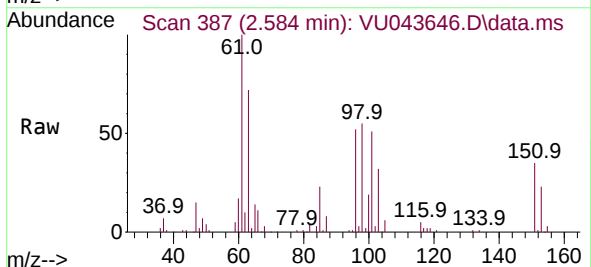
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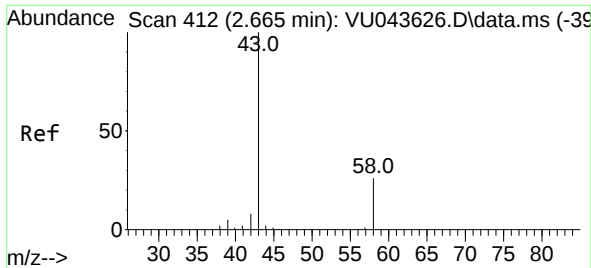
Tgt Ion:101 Resp: 34924
Ion Ratio Lower Upper
101 100
85 45.9 38.5 57.7
151 70.5 58.5 87.7



#12
1,1-Dichloroethene
Concen: 5.13 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 96 Resp: 30212
Ion Ratio Lower Upper
96 100
61 191.3 141.2 262.2
63 138.0 111.1 206.3

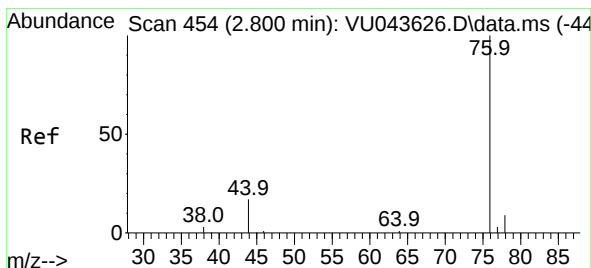
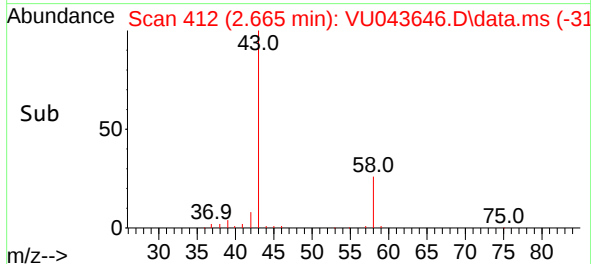
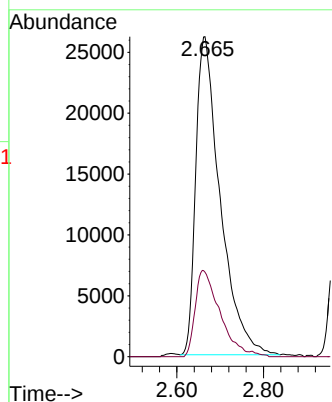
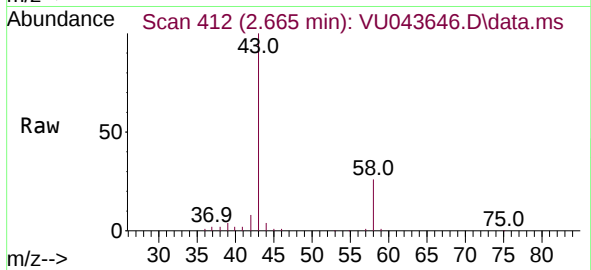




#13
Acetone
Concen: 58.27 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

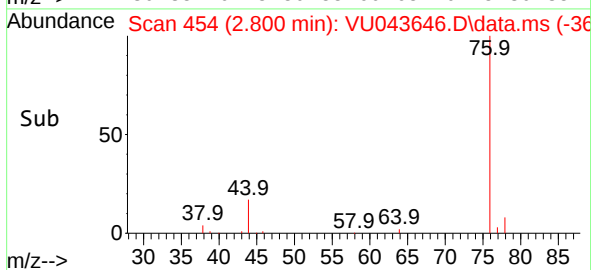
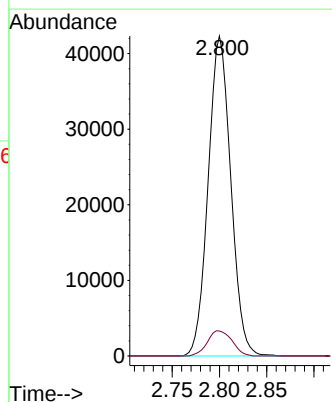
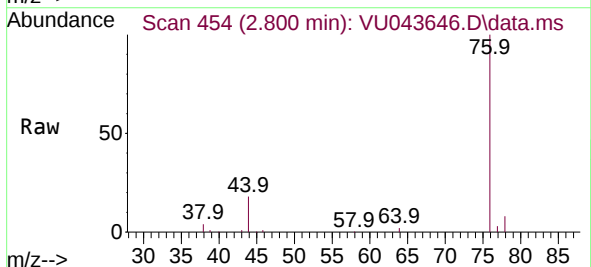
Instrument :
MSVOA_U
ClientSampled :

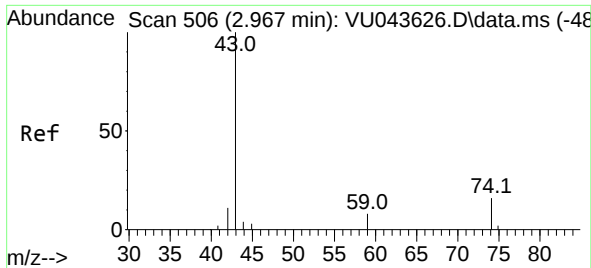
Tgt Ion: 43 Resp: 102260
Ion Ratio Lower Upper
43 100
58 27.1 0.0 50.8



#14
Carbon disulfide
Concen: 4.78 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 70458
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2

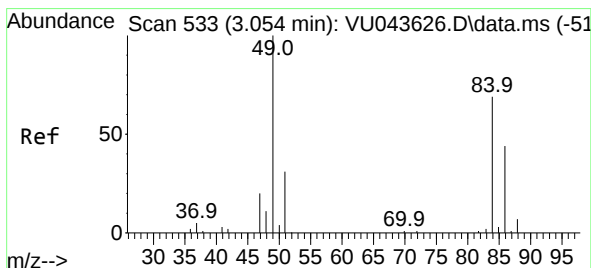
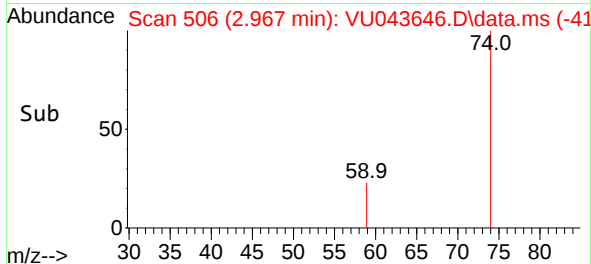
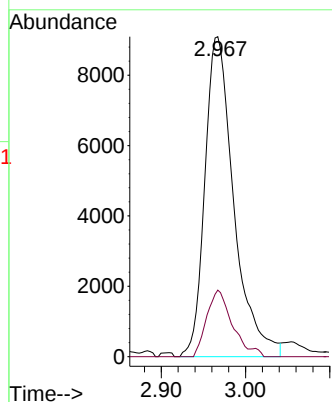
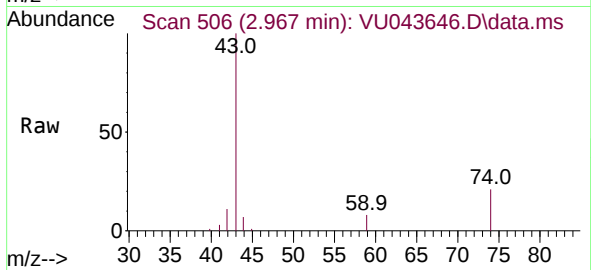




#15
Methyl Acetate
Concen: 5.44 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

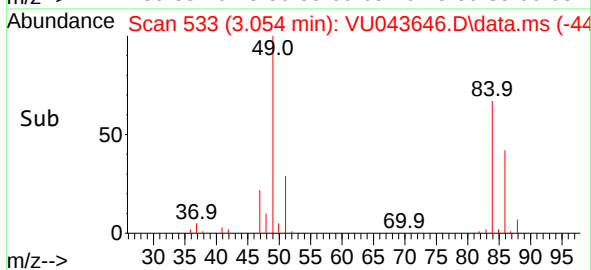
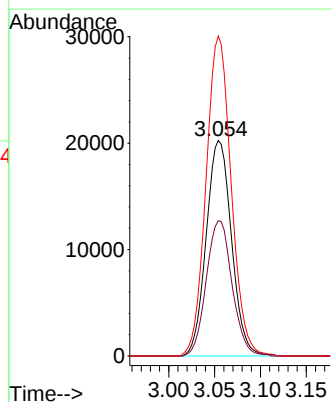
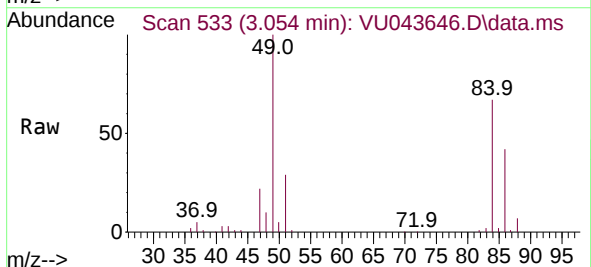
Instrument :
MSVOA_U
ClientSampled :

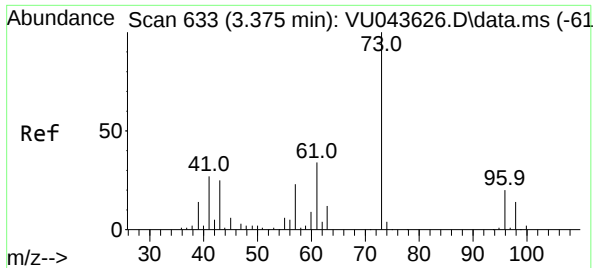
Tgt Ion: 43 Resp: 21769
Ion Ratio Lower Upper
43 100
74 17.8 15.2 22.8



#16
Methylene chloride
Concen: 4.12 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 84 Resp: 38861
Ion Ratio Lower Upper
84 100
86 62.7 45.6 84.6
49 148.5 107.0 198.8

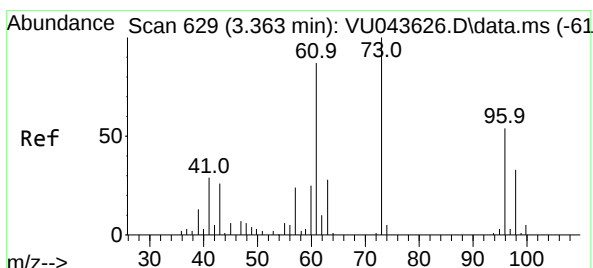
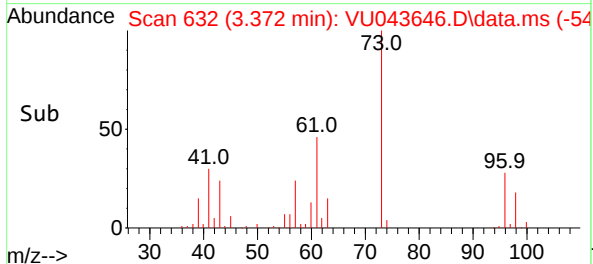
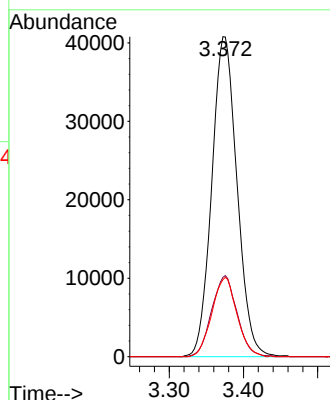
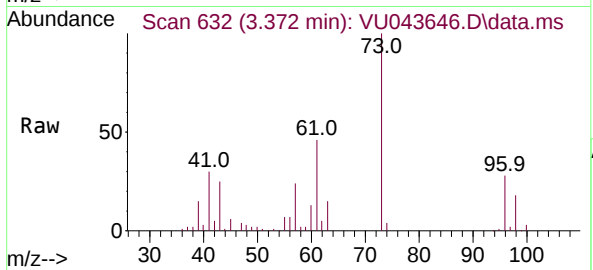




#17
Methyl tert-butyl Ether
Concen: 5.58 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

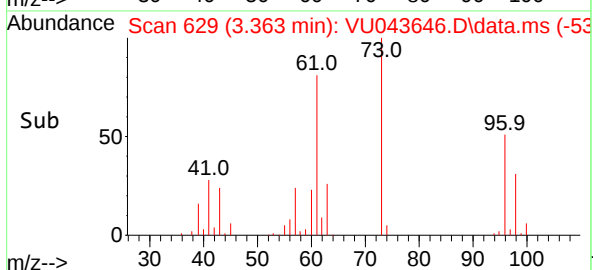
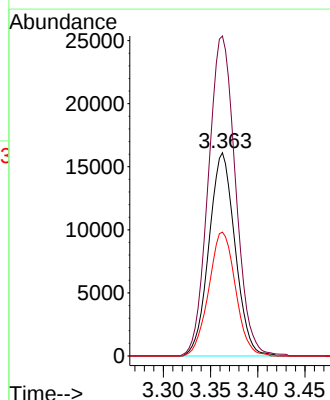
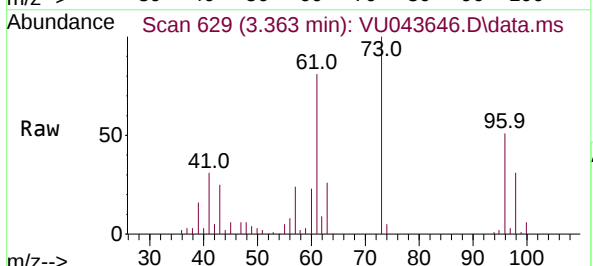
Instrument :
MSVOA_U
ClientSampleId :

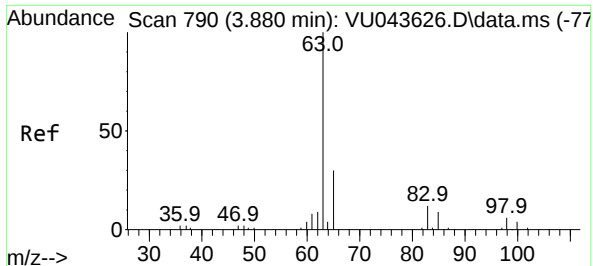
Tgt Ion: 73	Resp: 96197
Ion Ratio	Lower Upper
73 100	
43 25.5	20.6 30.8
57 24.7	18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.04 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 96	Resp: 30943
Ion Ratio	Lower Upper
96 100	
61 157.4	113.5 210.9
98 61.0	45.4 84.2





#19

1,1-Dichloroethane

Concen: 5.23 ug/L

RT: 3.880 min Scan# 790

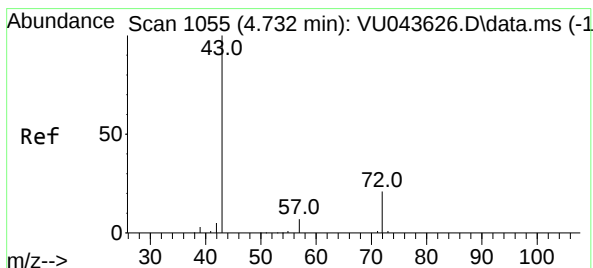
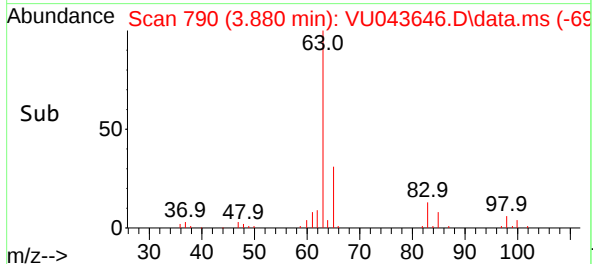
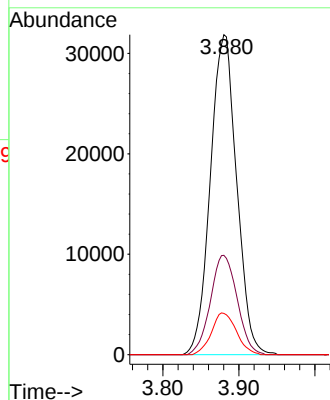
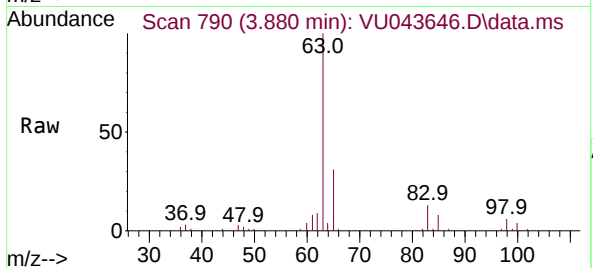
Delta R.T. 0.000 min

Lab File: VU043646.D

Acq: 10 May 2021 18:19

Tgt Ion:	63	Resp:	76402
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.7	42.1
83	12.9	9.4	17.4

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 61.06 ug/L

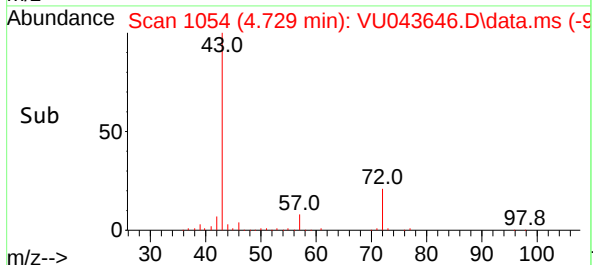
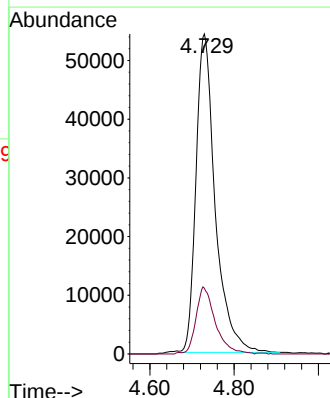
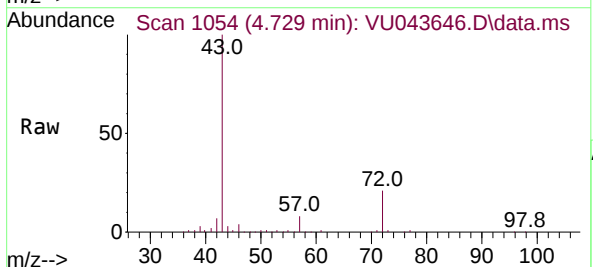
RT: 4.729 min Scan# 1054

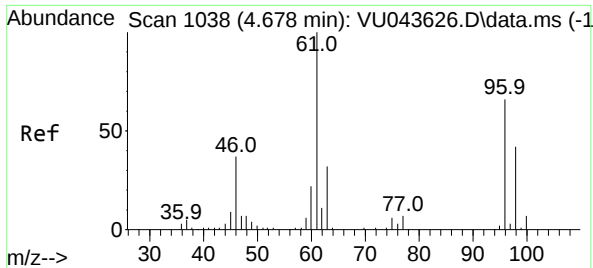
Delta R.T. -0.003 min

Lab File: VU043646.D

Acq: 10 May 2021 18:19

Tgt Ion:	43	Resp:	171789
Ion	Ratio	Lower	Upper
43	100		
72	21.1	10.8	32.4

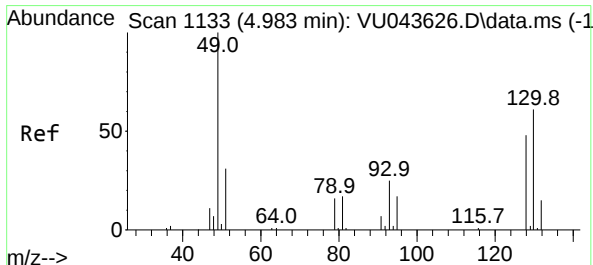
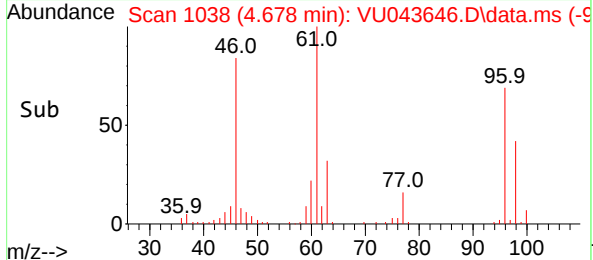
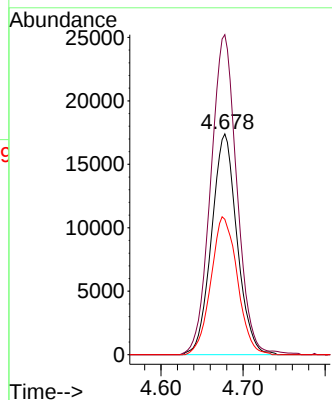
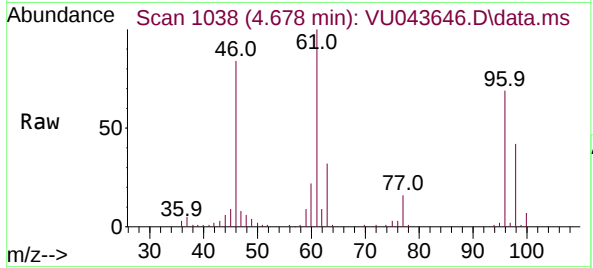




#22
 cis-1,2-Dichloroethene
 Concen: 5.21 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU043646.D
 Acq: 10 May 2021 18:19

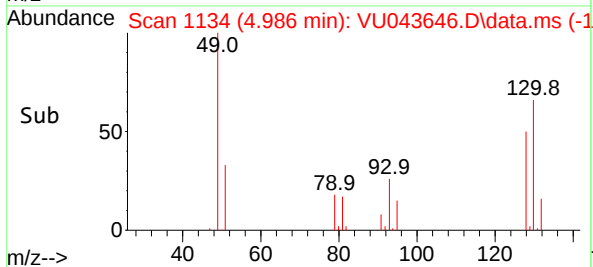
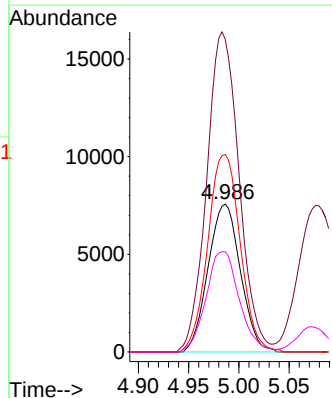
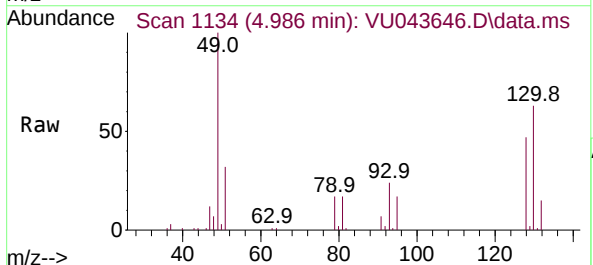
Instrument :
 MSVOA_U
 ClientSampled :

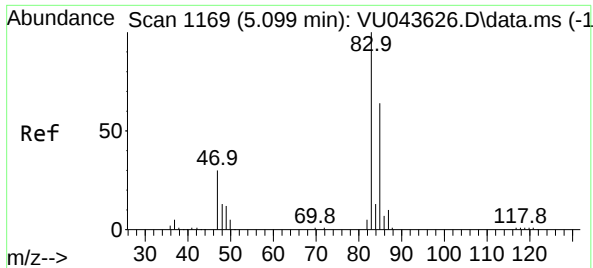
Tgt Ion: 96	Resp: 37619
Ion Ratio	Lower Upper
96 100	
61 144.9	102.8 190.8
98 61.3	42.8 79.6



#23
 Bromochloromethane
 Concen: 5.27 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU043646.D
 Acq: 10 May 2021 18:19

Tgt Ion: 128	Resp: 16930
Ion Ratio	Lower Upper
128 100	
49 211.7	134.2 249.2
130 133.5	87.2 162.0
51 67.8	49.4 74.0

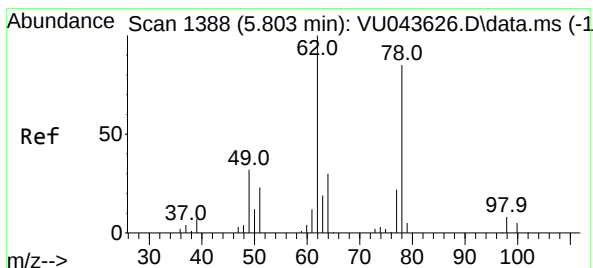
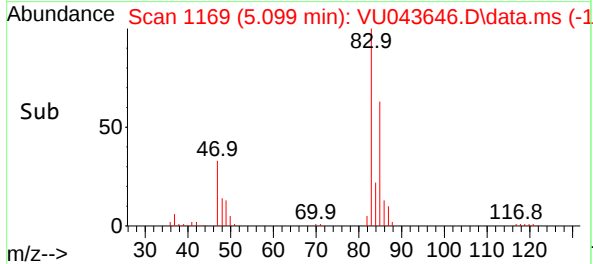
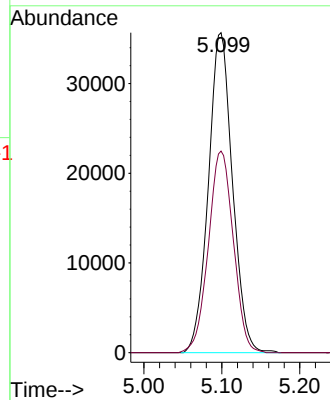
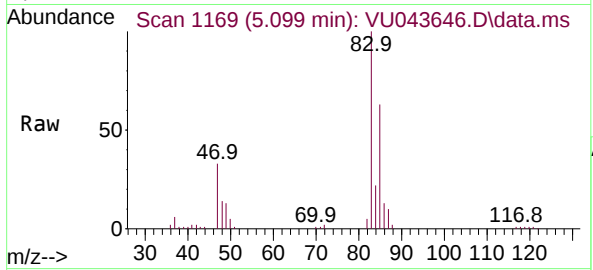




#25
Chloroform
Concen: 4.93 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

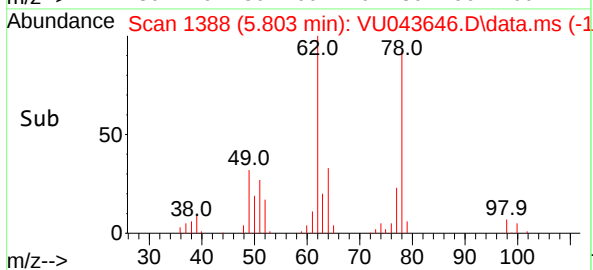
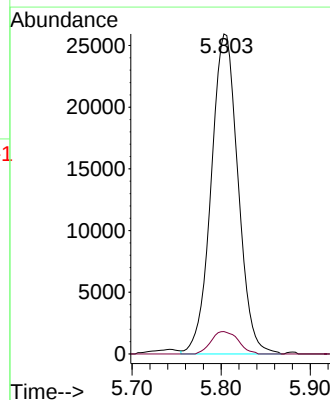
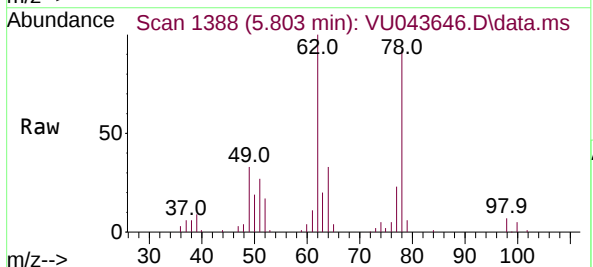
Instrument :
MSVOA_U
ClientSampled :

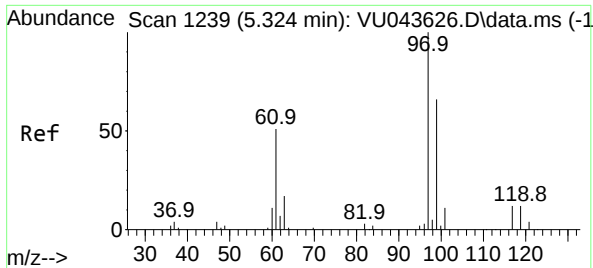
Tgt Ion: 83 Resp: 76715
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 5.15 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 62 Resp: 54356
Ion Ratio Lower Upper
62 100
98 7.0 6.1 9.1

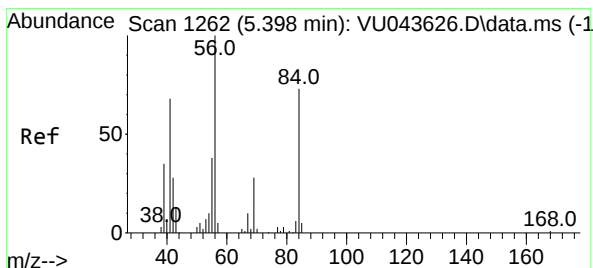
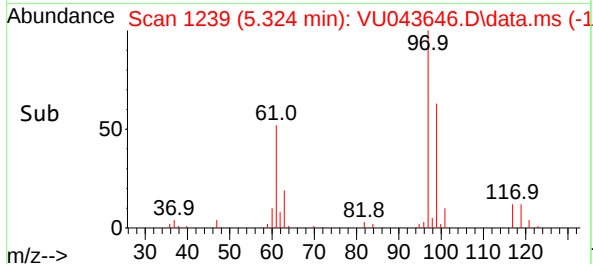
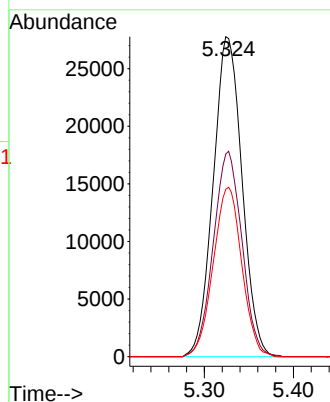
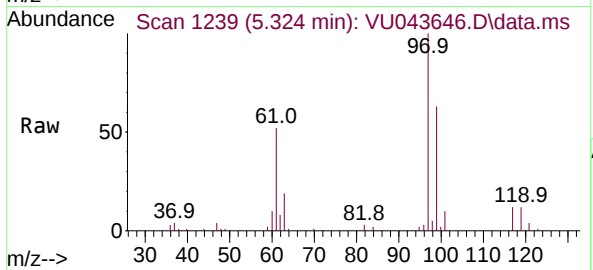




#29
1,1,1-Trichloroethane
Concen: 5.24 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

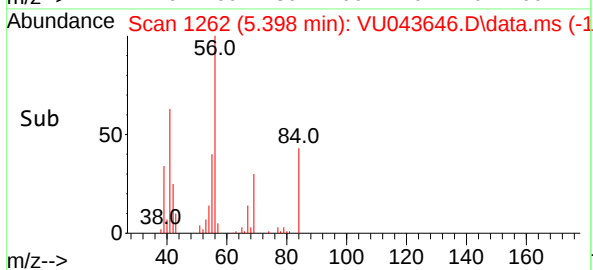
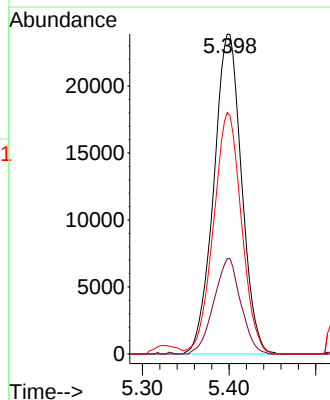
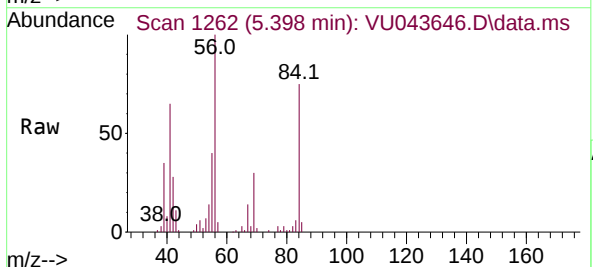
Instrument :
MSVOA_U
ClientSampled :

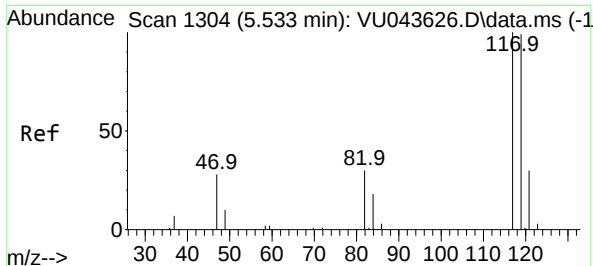
Tgt Ion:	97	Resp:	62454
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.6
61	52.5	39.8	59.8



#30
Cyclohexane
Concen: 5.60 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:	56	Resp:	53245
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.0	34.4
84	75.9	60.3	90.5

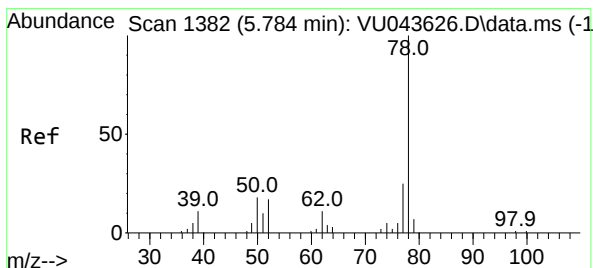
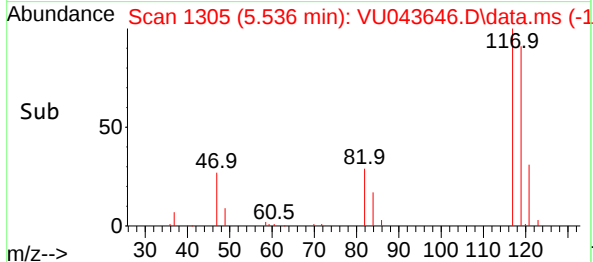
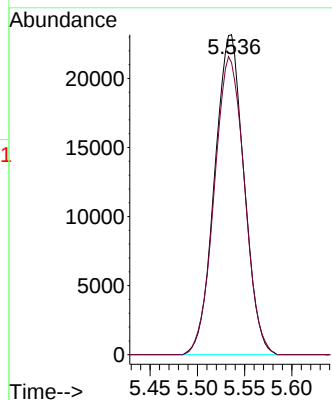
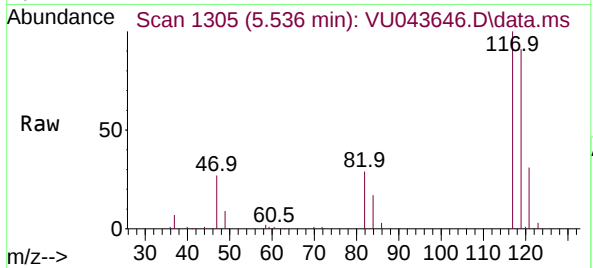




#31
Carbon tetrachloride
Concen: 5.12 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

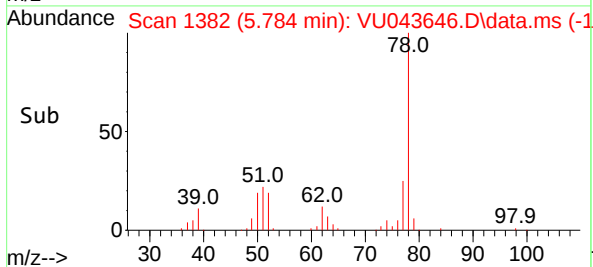
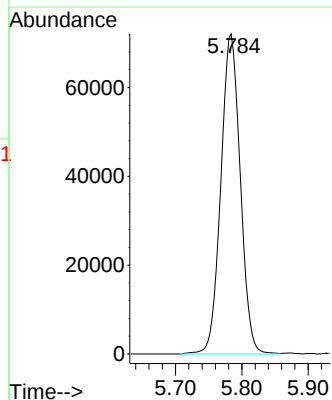
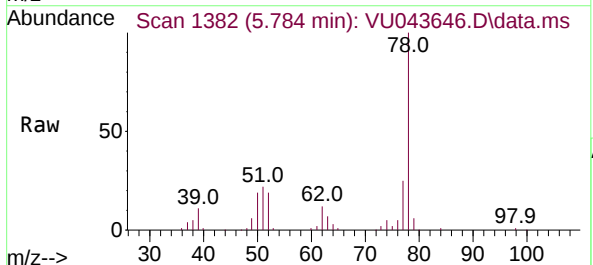
Instrument :
MSVOA_U
ClientSampled :

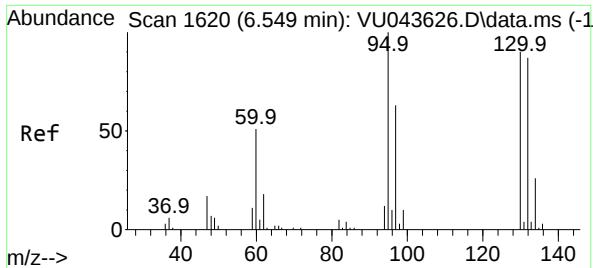
Tgt Ion:117 Resp: 50037
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6



#33
Benzene
Concen: 5.50 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 78 Resp: 146896



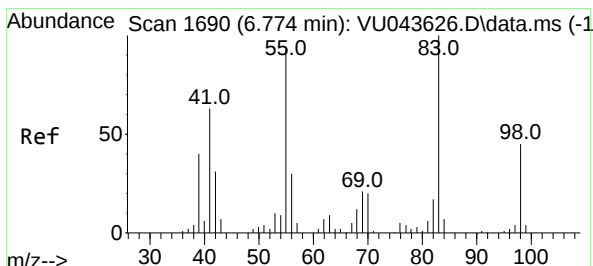
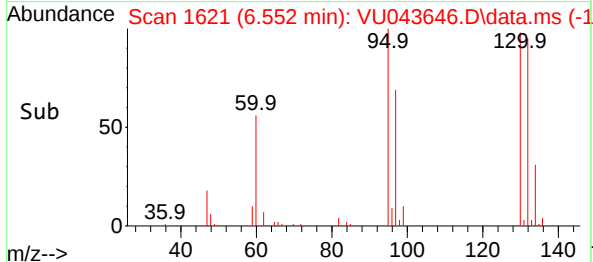
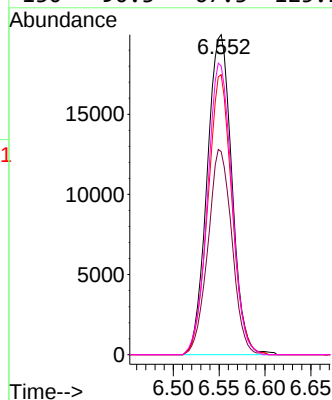
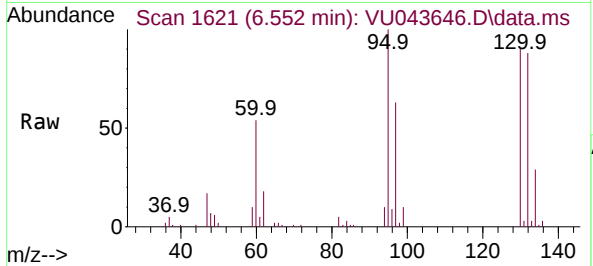


#34
Trichloroethene
Concen: 5.49 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 37471

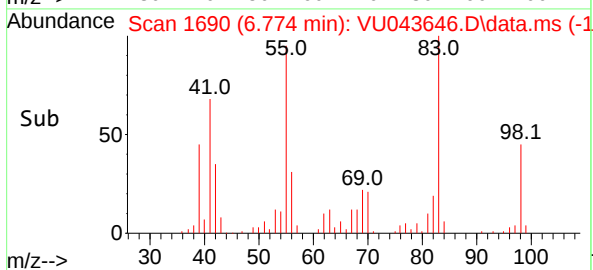
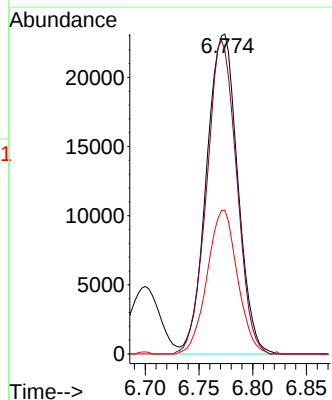
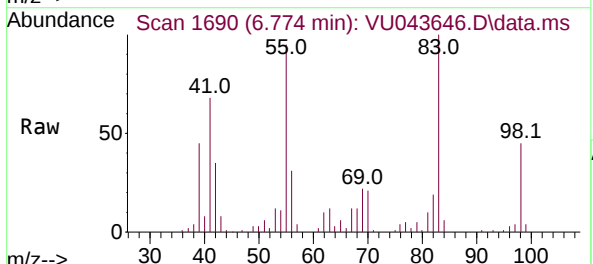
Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.5	86.5
132	87.5	64.1	119.1
130	90.3	67.3	125.1

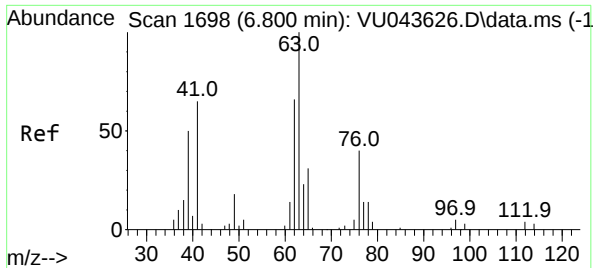


#35
Methylcyclohexane
Concen: 5.28 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 83 Resp: 46600

Ion	Ratio	Lower	Upper
83	100		
55	94.3	75.8	113.8
98	43.7	35.5	53.3

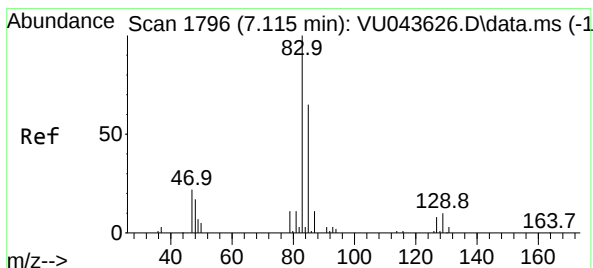
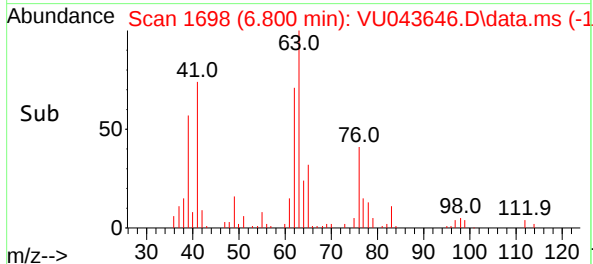
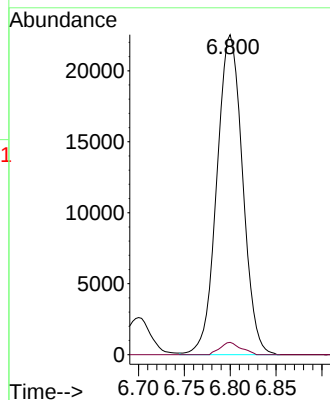
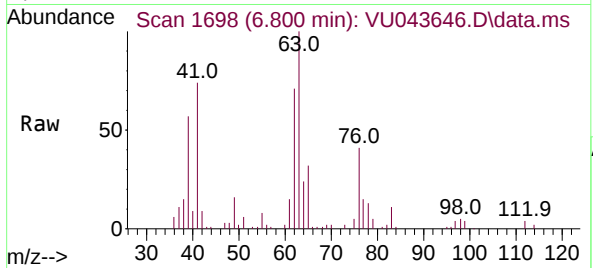




#37
1,2-Dichloropropane
Concen: 5.53 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

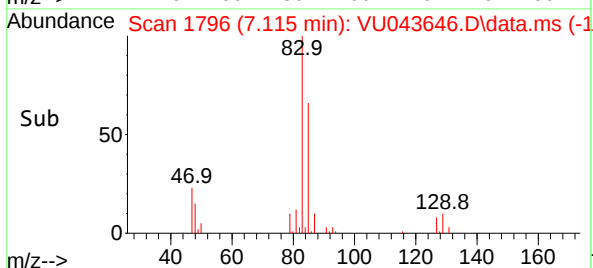
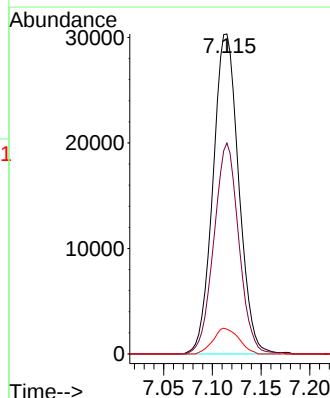
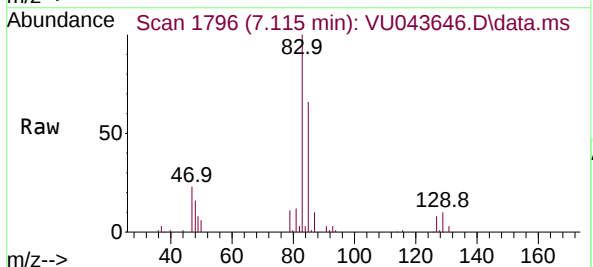
Instrument :
MSVOA_U
ClientSampled :

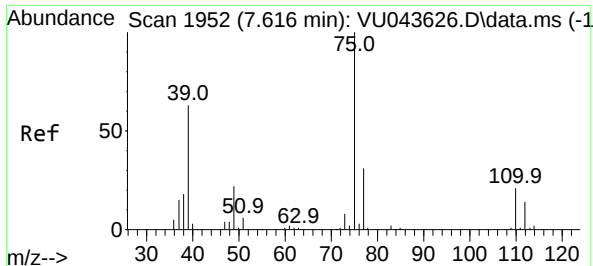
Tgt Ion: 63 Resp: 44082
Ion Ratio Lower Upper
63 100
112 3.1 2.6 3.8



#38
Bromodichloromethane
Concen: 5.39 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 83 Resp: 55688
Ion Ratio Lower Upper
83 100
85 65.9 43.3 80.5
127 7.8 6.2 9.4



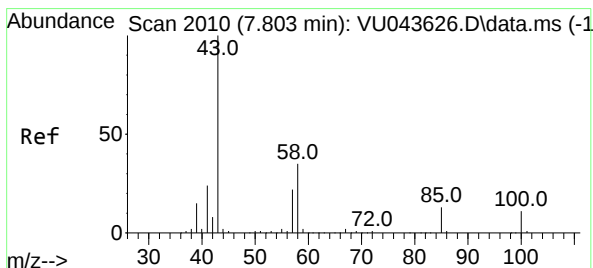
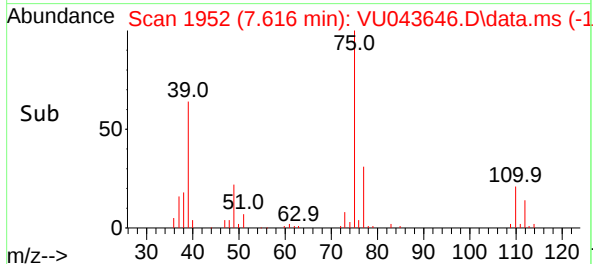
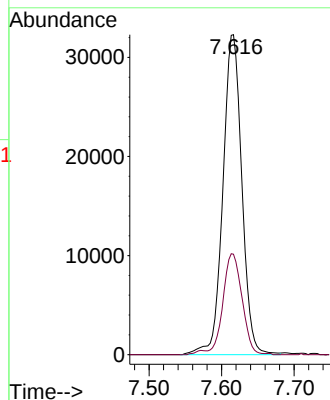
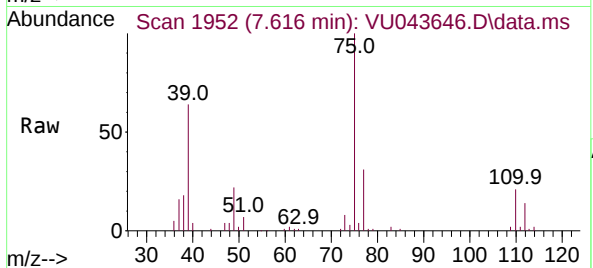


#39

cis-1,3-Dichloropropene
Concen: 5.55 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Instrument :
MSVOA_U
ClientSampled :

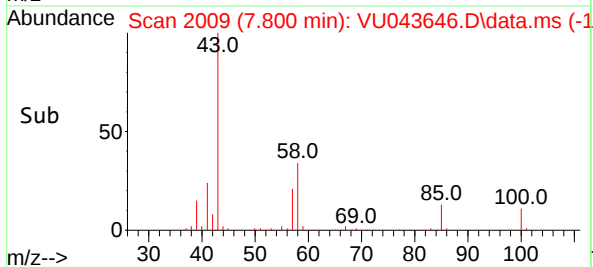
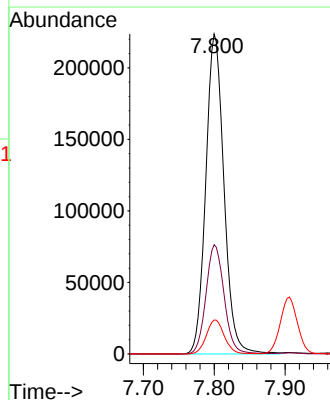
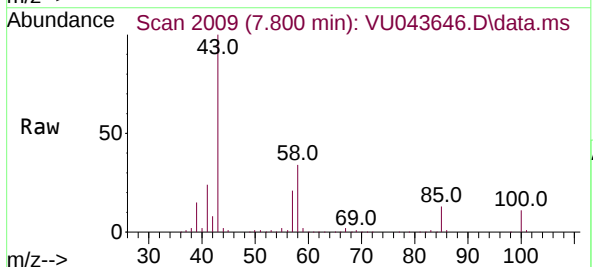
Tgt Ion: 75 Resp: 58638
Ion Ratio Lower Upper
75 100
77 31.4 21.9 40.7

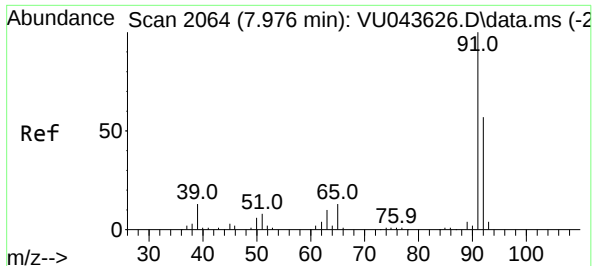


#40

4-Methyl-2-pentanone
Concen: 61.07 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 43 Resp: 398523
Ion Ratio Lower Upper
43 100
58 34.1 26.9 40.3
100 10.6 8.6 13.0

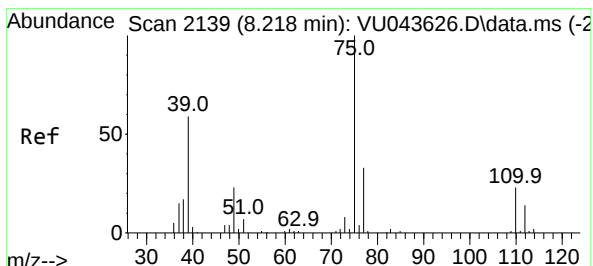
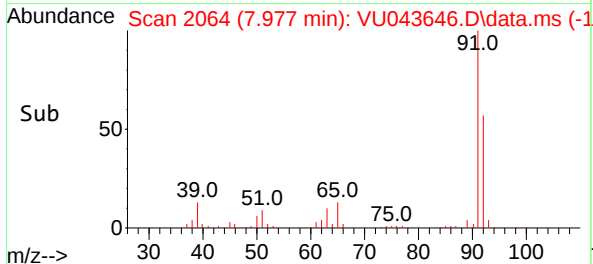
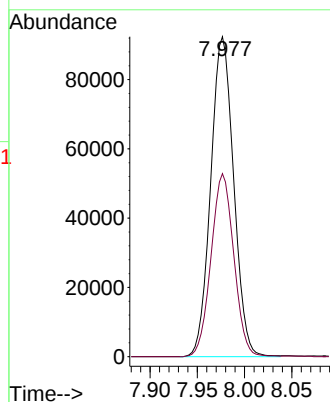
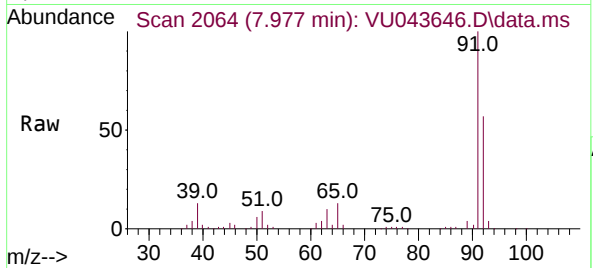




#42
Toluene
Concen: 5.59 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

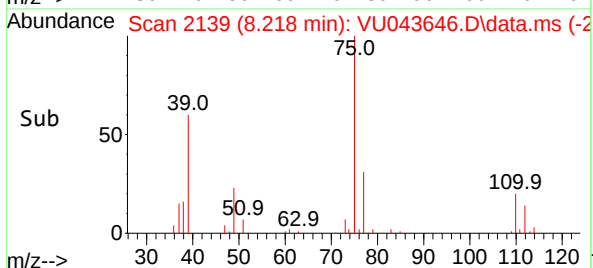
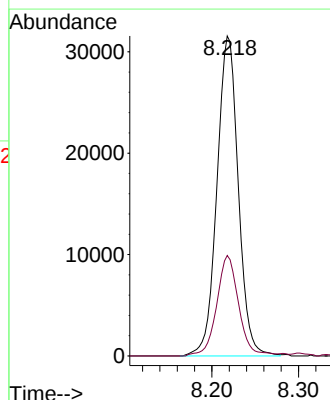
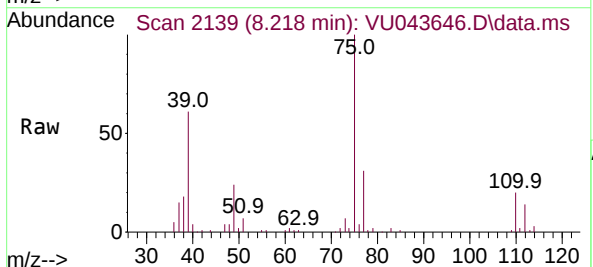
Instrument :
MSVOA_U
ClientSampled :

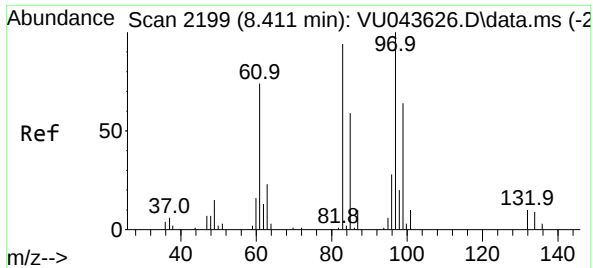
Tgt Ion: 91 Resp: 156165
Ion Ratio Lower Upper
91 100
92 57.2 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.61 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 75 Resp: 53990
Ion Ratio Lower Upper
75 100
77 31.4 23.3 43.3

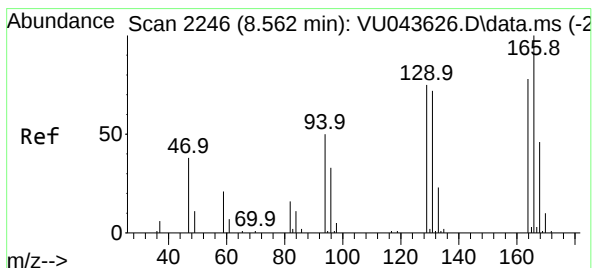
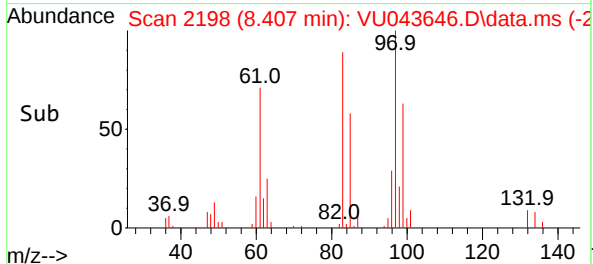
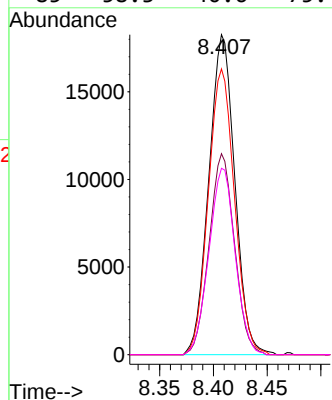
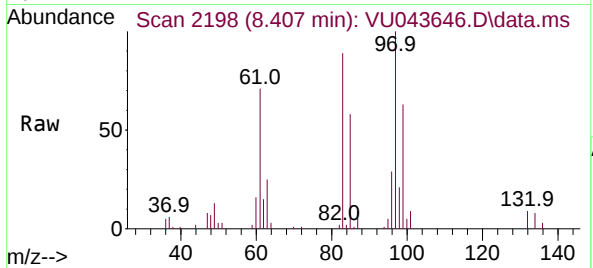




#45
1,1,2-Trichloroethane
Concen: 5.57 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

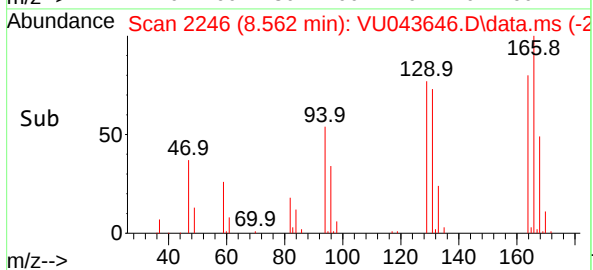
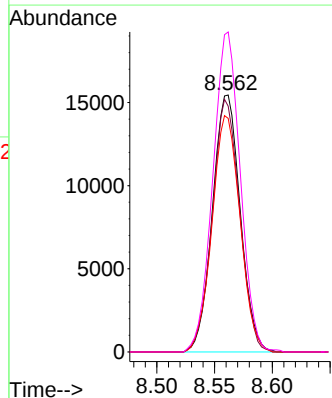
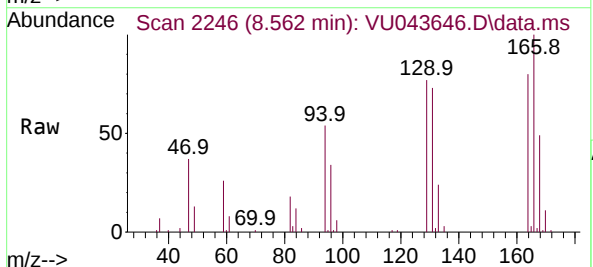
Instrument :
MSVOA_U
ClientSampleId :

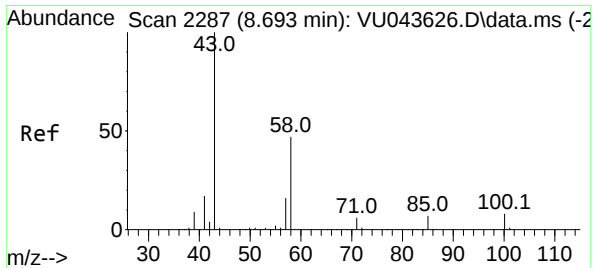
Tgt Ion:	97	Resp:	30673
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.6	79.0
83	89.3	64.1	119.1
85	58.3	40.6	75.4



#47
Tetrachloroethene
Concen: 5.15 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:	164	Resp:	25878
Ion	Ratio	Lower	Upper
164	100		
129	95.6	62.5	116.1
131	90.9	64.9	120.5
166	124.5	89.0	165.2

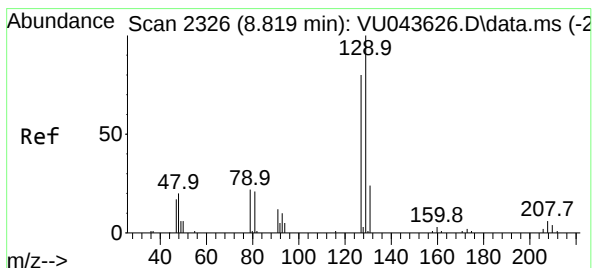
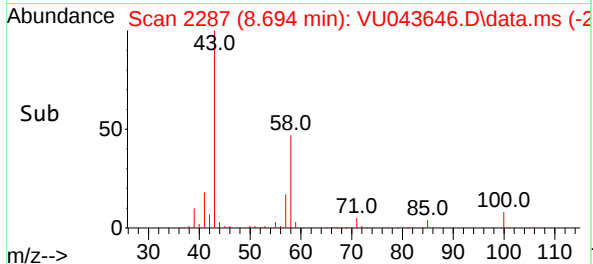
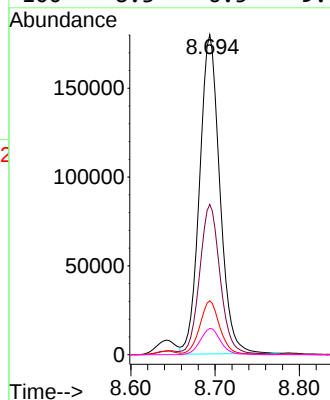
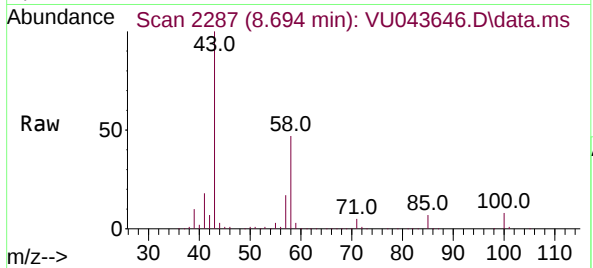




#48
2-Hexanone
Concen: 62.16 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

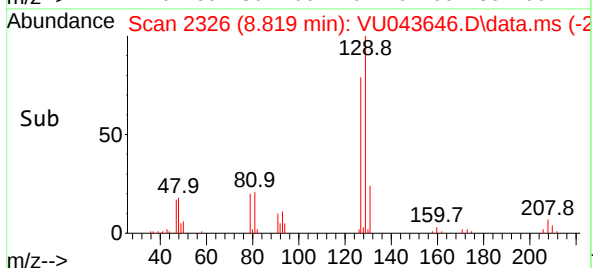
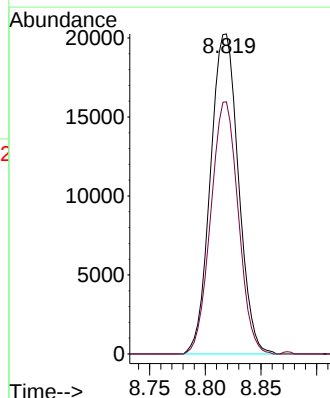
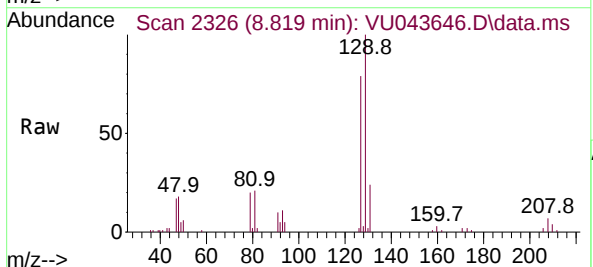
Instrument :
MSVOA_U
ClientSampleId :

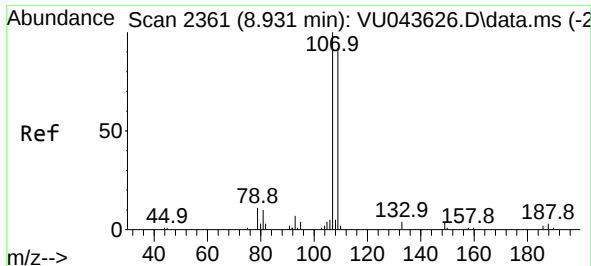
Tgt Ion:	43	Resp:	300919
Ion	Ratio	Lower	Upper
43	100		
58	47.7	36.8	55.2
57	16.7	13.2	19.8
100	8.3	6.5	9.7



#49
Dibromochloromethane
Concen: 5.32 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:	129	Resp:	35460
Ion	Ratio	Lower	Upper
129	100		
127	78.8	52.4	97.4





#50

1,2-Dibromoethane

Concen: 5.47 ug/L

RT: 8.932 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU043646.D

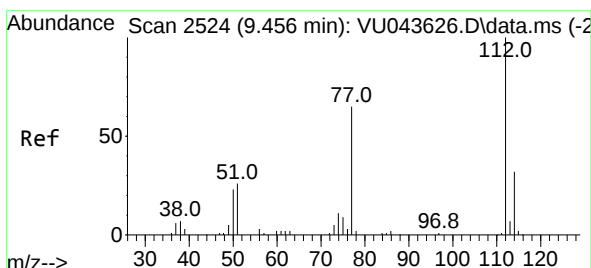
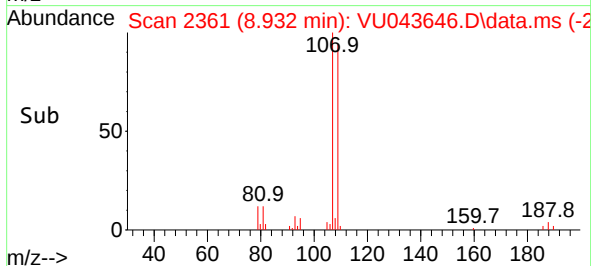
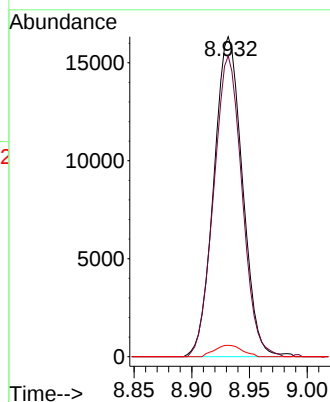
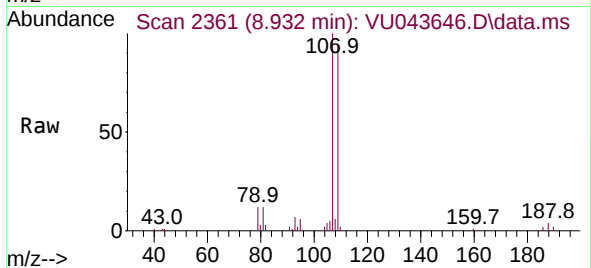
Acq: 10 May 2021 18:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	28061
Ion	Ratio	Lower	Upper
107	100		
109	94.0	67.6	125.6
188	3.5	2.6	3.8



#51

Chlorobenzene

Concen: 5.45 ug/L

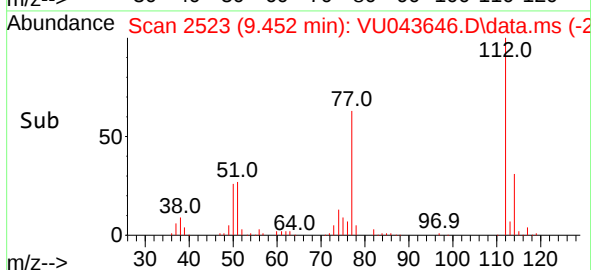
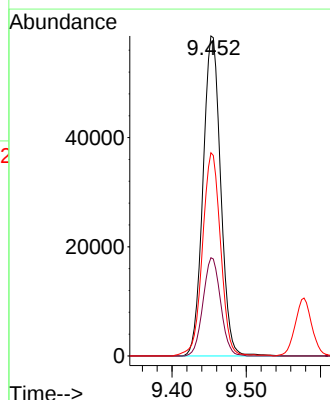
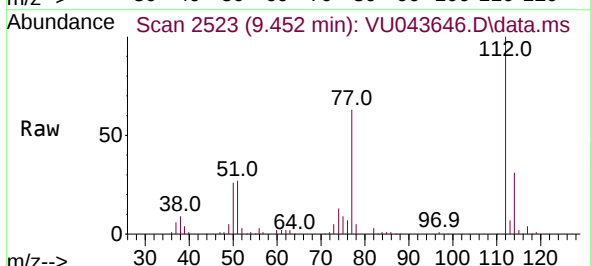
RT: 9.452 min Scan# 2523

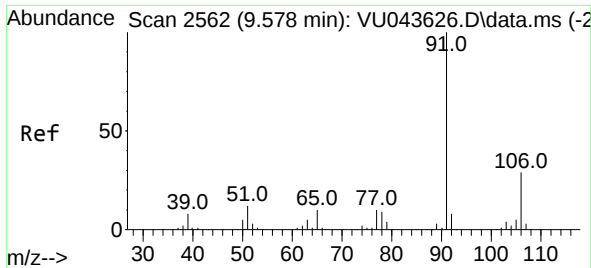
Delta R.T. -0.003 min

Lab File: VU043646.D

Acq: 10 May 2021 18:19

Tgt Ion:	112	Resp:	96807
Ion	Ratio	Lower	Upper
112	100		
114	30.7	22.0	41.0
77	63.5	51.0	76.4

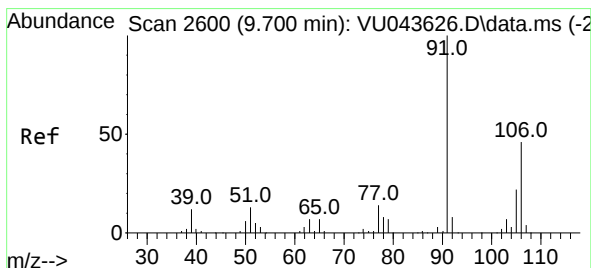
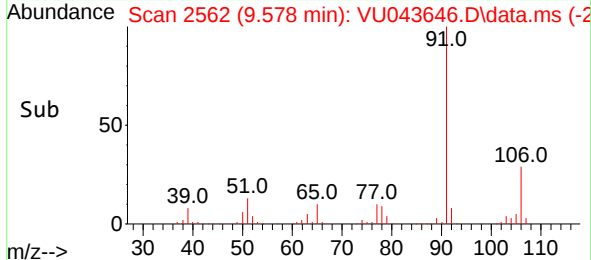
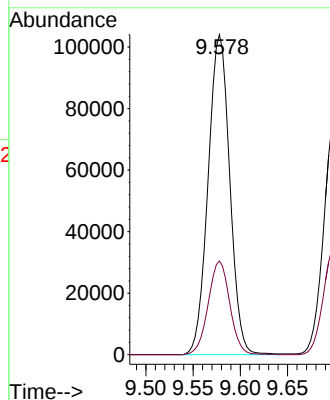
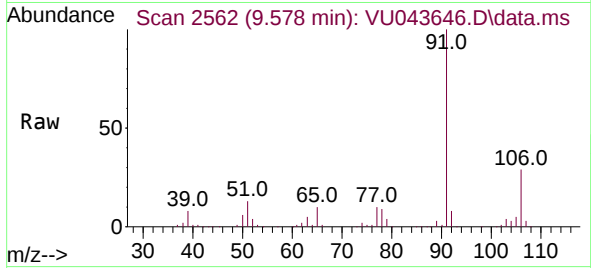




#52
Ethylbenzene
Concen: 5.59 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

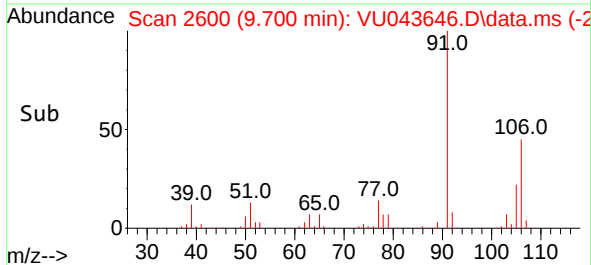
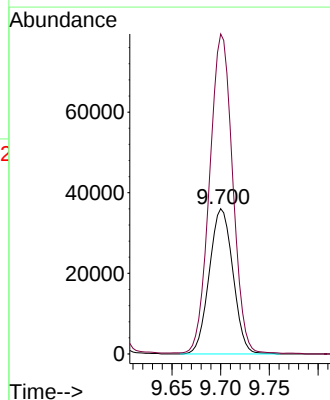
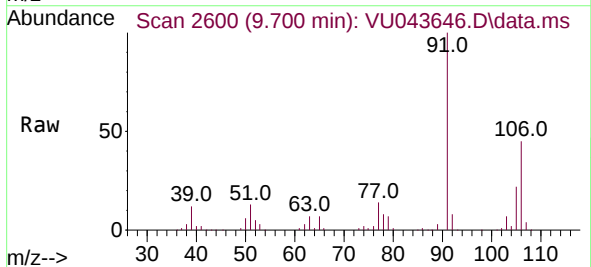
Instrument :
MSVOA_U
ClientSampled :

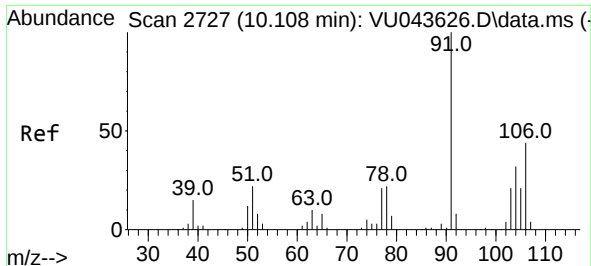
Tgt Ion: 91 Resp: 165611
Ion Ratio Lower Upper
91 100
106 29.2 20.5 38.1



#53
m,p-Xylene
Concen: 5.65 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 106 Resp: 60852
Ion Ratio Lower Upper
106 100
91 220.3 150.3 279.1

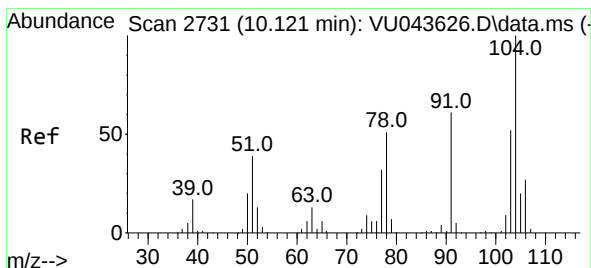
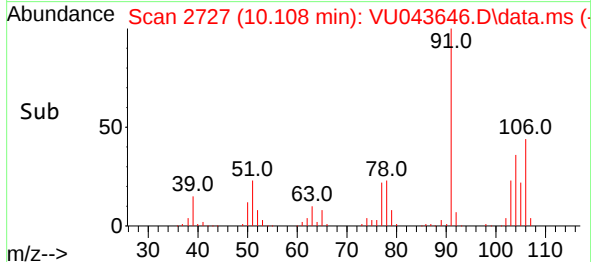
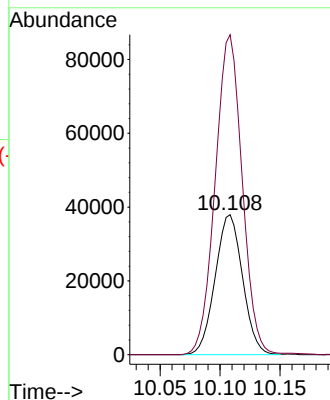
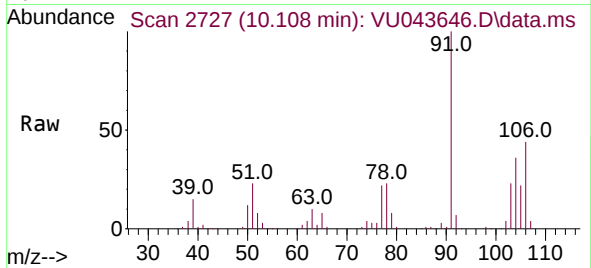




#54
o-Xylene
Concen: 5.76 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

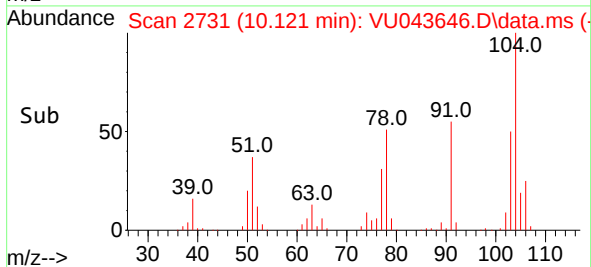
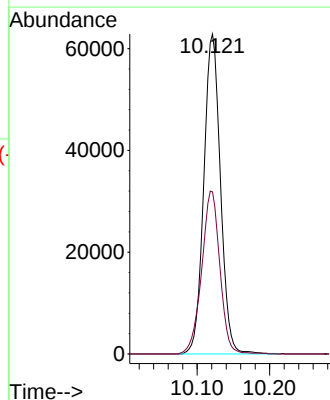
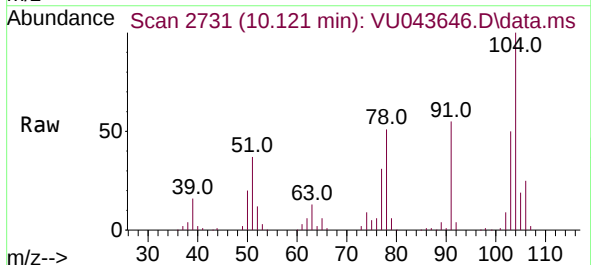
Instrument :
MSVOA_U
ClientSampled :

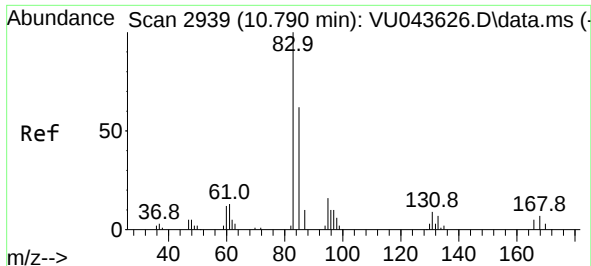
Tgt Ion:106 Resp: 60252
Ion Ratio Lower Upper
106 100
91 228.6 157.3 292.1



#55
Styrene
Concen: 5.49 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:104 Resp: 100581
Ion Ratio Lower Upper
104 100
78 50.7 35.3 65.5

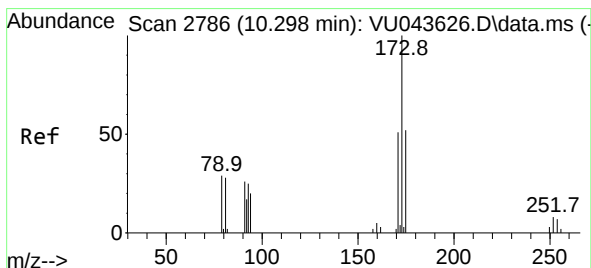
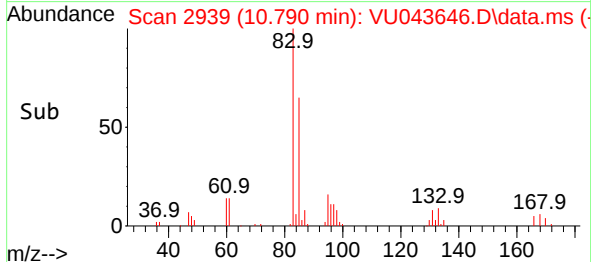
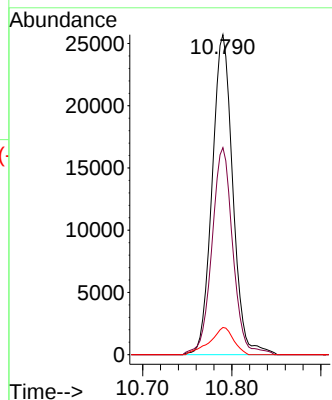
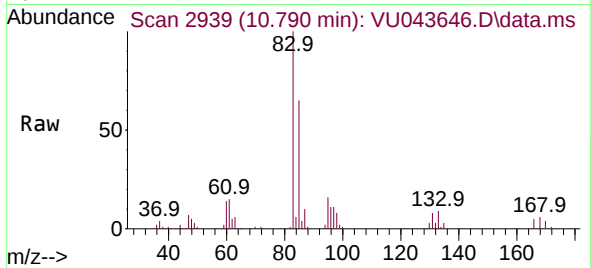




#57
1,1,2,2-Tetrachloroethane
Concen: 5.57 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

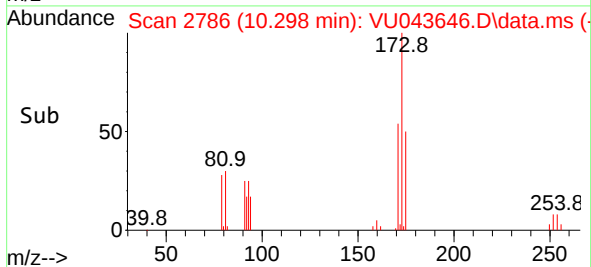
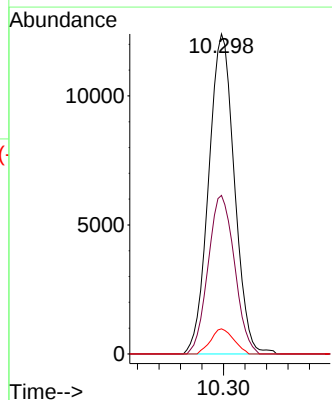
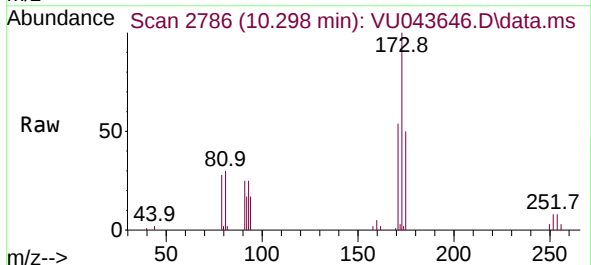
Instrument :
MSVOA_U
ClientSampled :

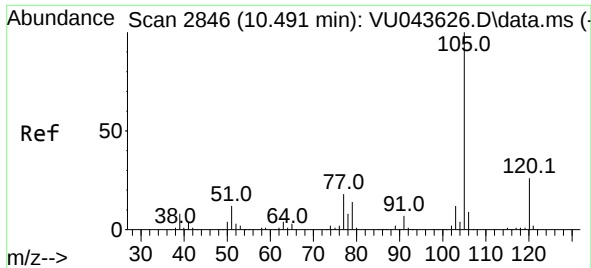
Tgt Ion:	83	Resp:	41366
Ion Ratio	Lower	Upper	
83	100		
85	64.7	42.6	79.0
131	8.5	7.4	11.2



#59
Bromoform
Concen: 5.40 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:	173	Resp:	20572
Ion Ratio	Lower	Upper	
173	100		
175	50.8	39.4	59.0
254	7.0	5.9	8.9

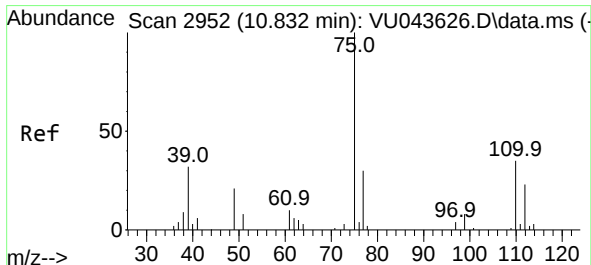
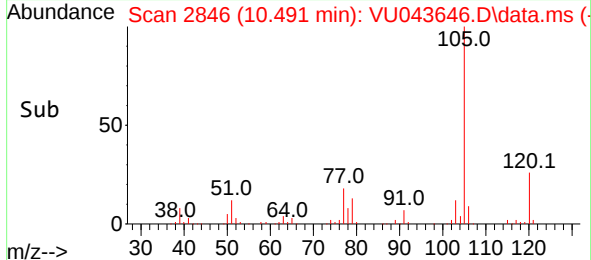
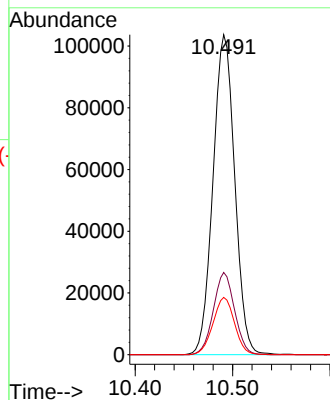
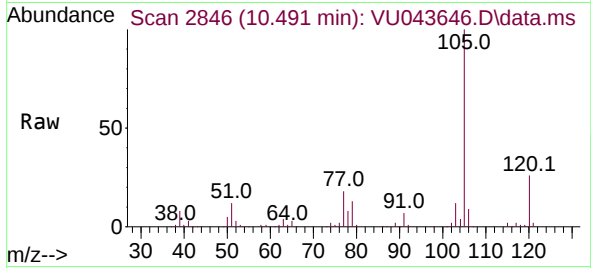




#60
Isopropylbenzene
Concen: 5.63 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

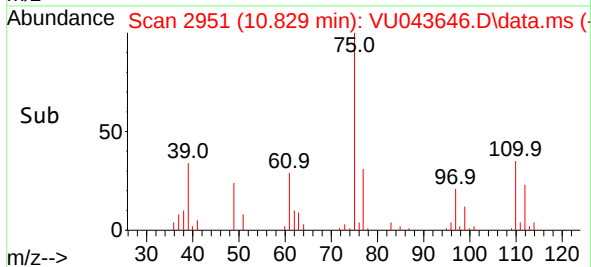
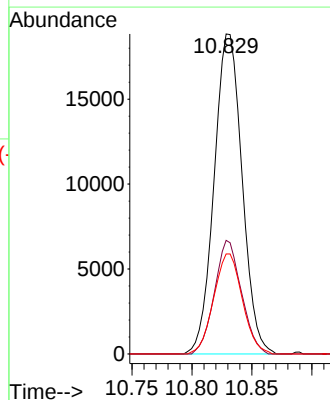
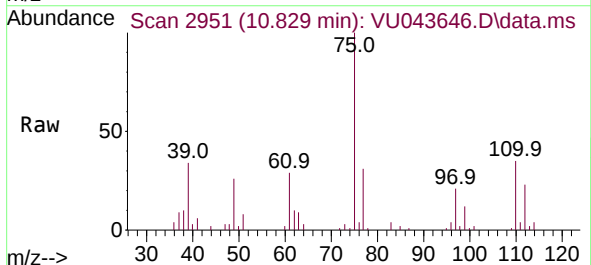
Instrument :
MSVOA_U
ClientSampled :

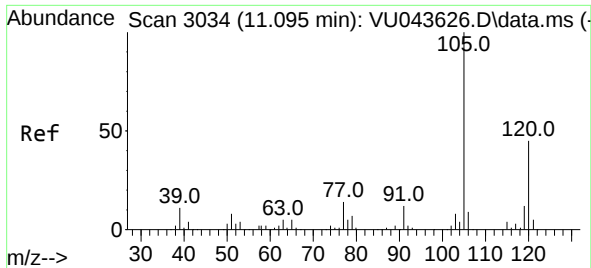
Tgt Ion:105 Resp: 160576
Ion Ratio Lower Upper
105 100
120 25.0 20.4 30.6
77 17.8 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 5.76 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 75 Resp: 30515
Ion Ratio Lower Upper
75 100
110 34.1 28.6 42.8
77 32.0 25.7 38.5

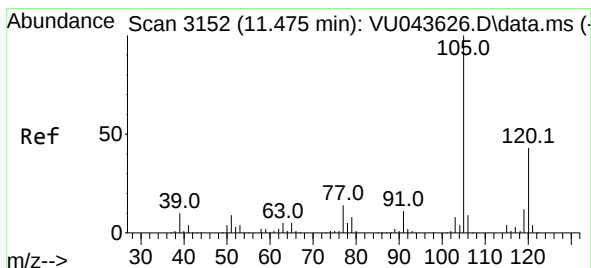
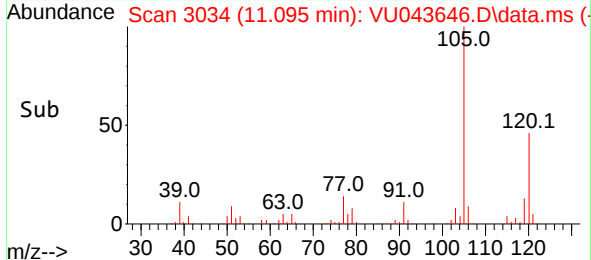
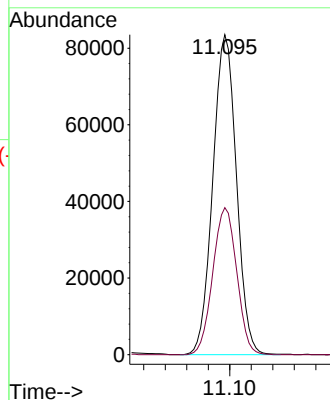
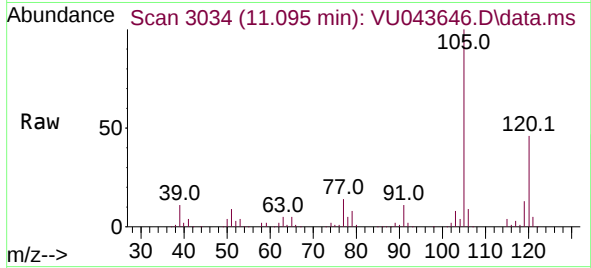




#62
1,3,5-Trimethylbenzene
Concen: 5.68 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

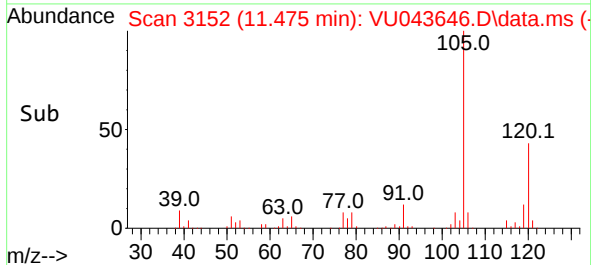
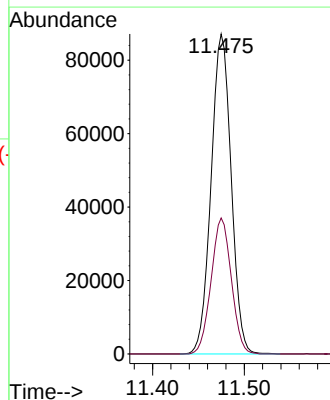
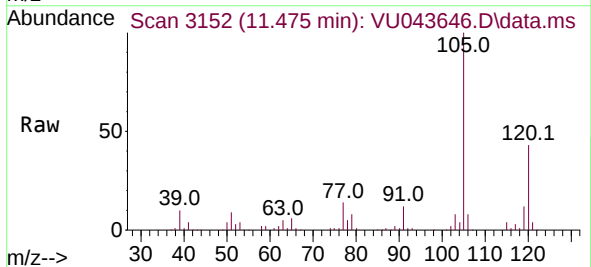
Instrument :
MSVOA_U
ClientSampled :

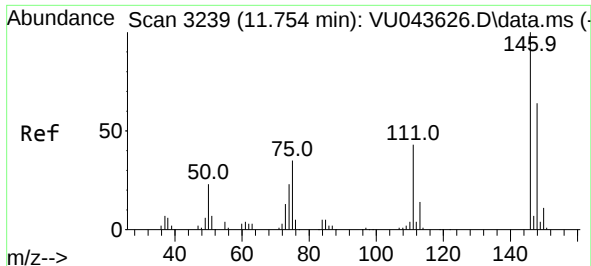
Tgt Ion:105 Resp: 127299
Ion Ratio Lower Upper
105 100
120 46.6 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.90 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:105 Resp: 132524
Ion Ratio Lower Upper
105 100
120 42.7 35.4 53.0

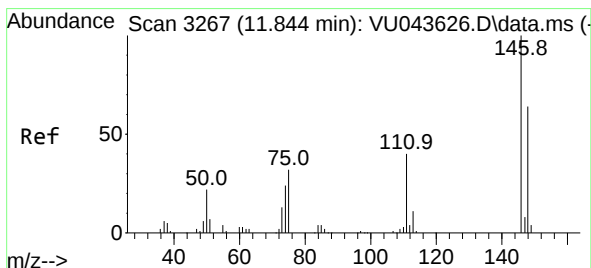
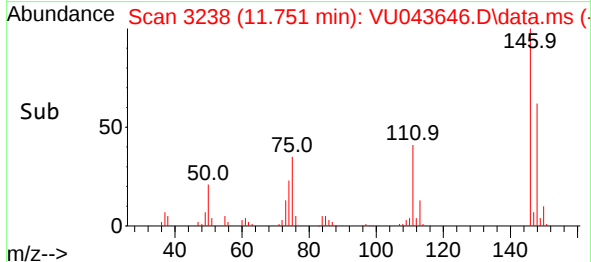
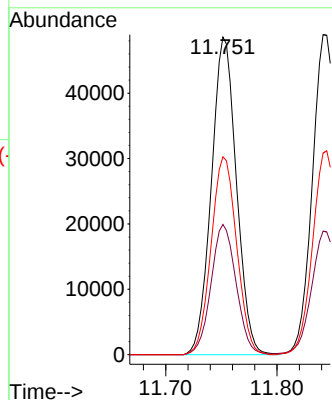
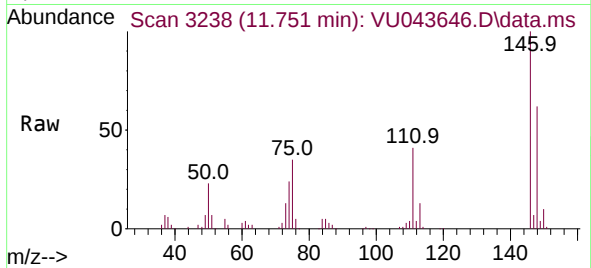




#64
1,3-Dichlorobenzene
Concen: 5.37 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

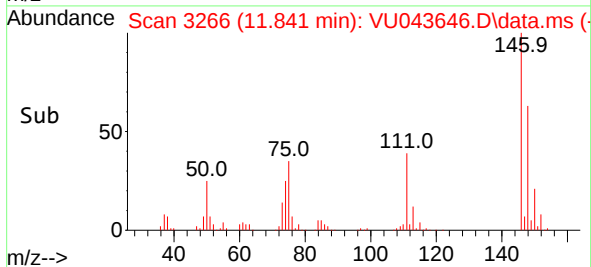
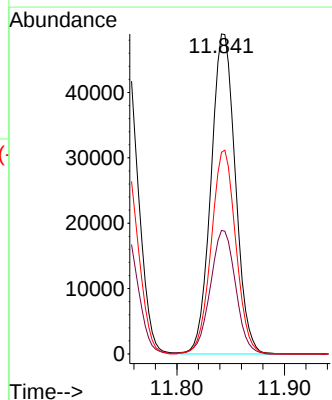
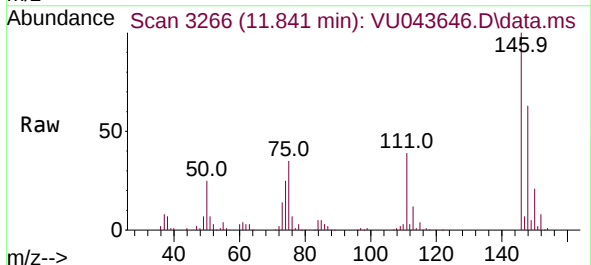
Instrument :
MSVOA_U
ClientSampleId :

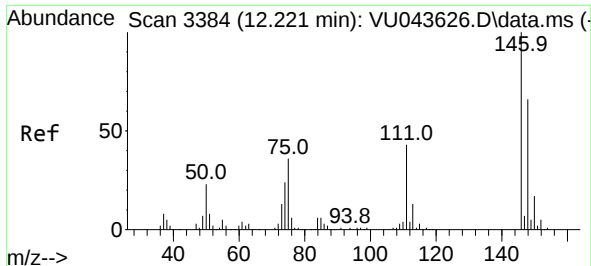
Tgt Ion:146 Resp: 75889
Ion Ratio Lower Upper
146 100
111 41.0 28.9 53.7
148 62.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.31 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:146 Resp: 77064
Ion Ratio Lower Upper
146 100
111 38.6 27.6 51.2
148 63.0 44.6 82.8

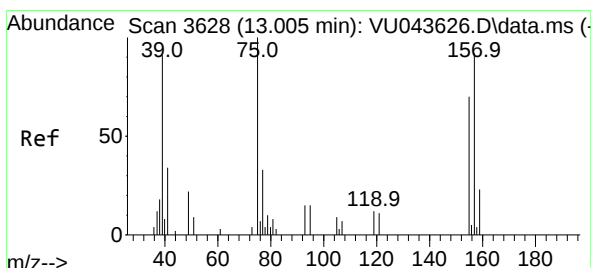
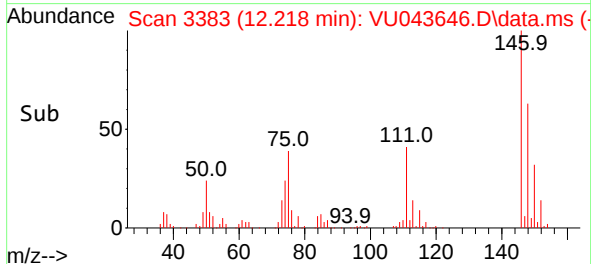
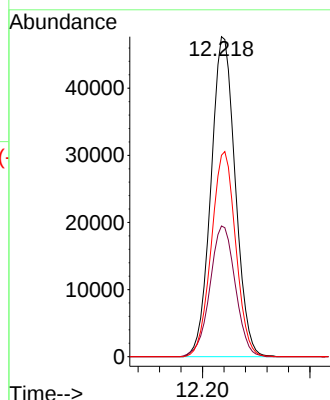
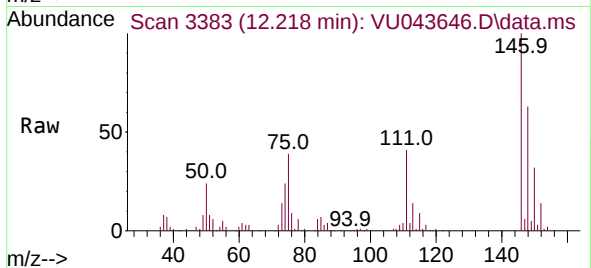




#67
1,2-Dichlorobenzene
Concen: 5.25 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

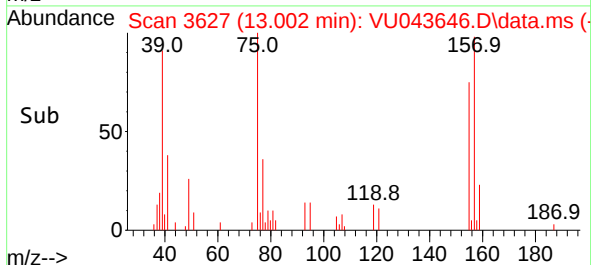
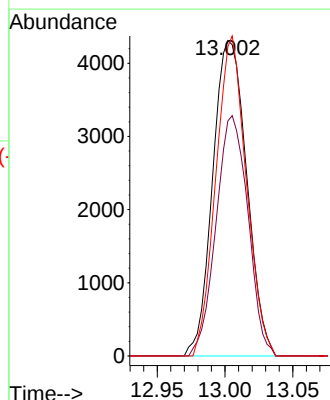
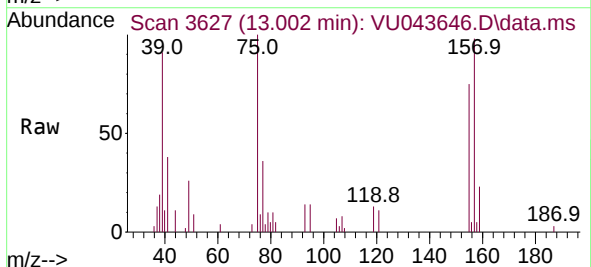
Instrument :
MSVOA_U
ClientSampled :

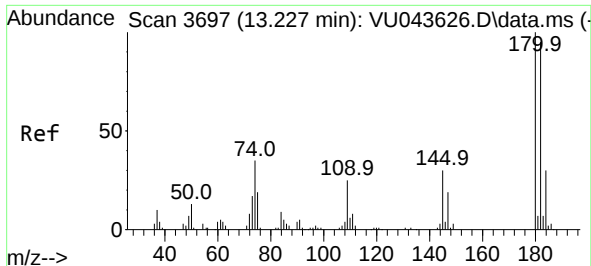
Tgt Ion:146 Resp: 74751
Ion Ratio Lower Upper
146 100
111 40.9 32.6 49.0
148 63.0 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.94 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion: 75 Resp: 7497
Ion Ratio Lower Upper
75 100
155 74.5 57.8 86.6
157 98.1 68.5 102.7

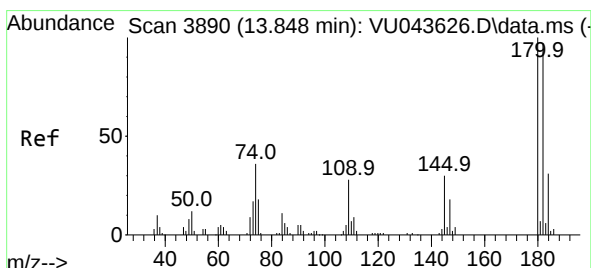
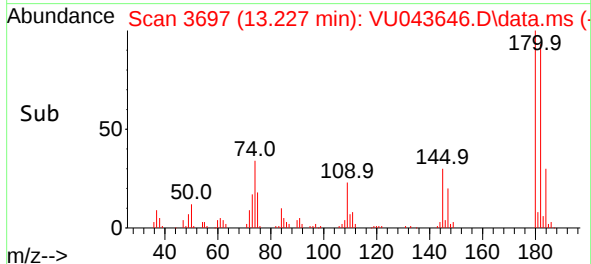
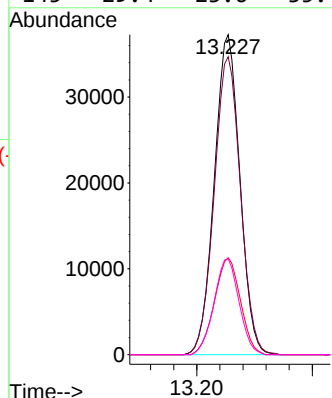
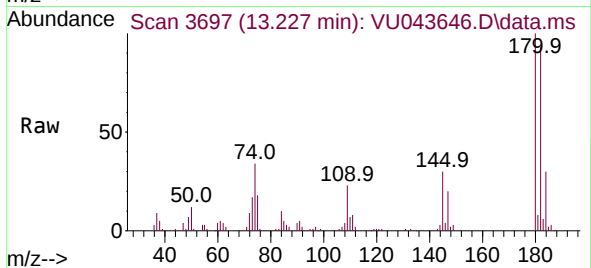




#69
1,3,5-Trichlorobenzene
Concen: 5.10 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

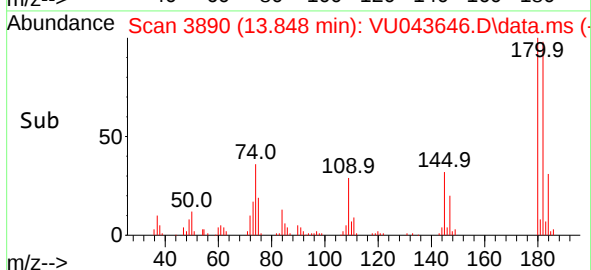
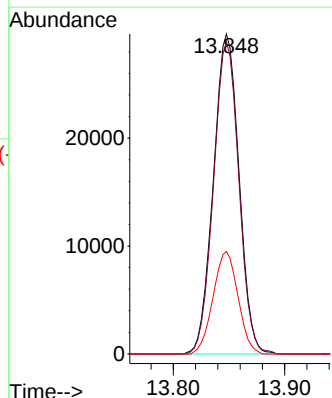
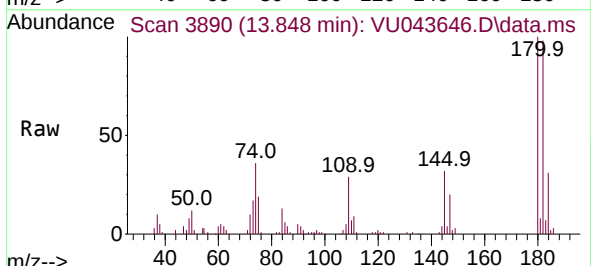
Instrument :
MSVOA_U
ClientSampled :

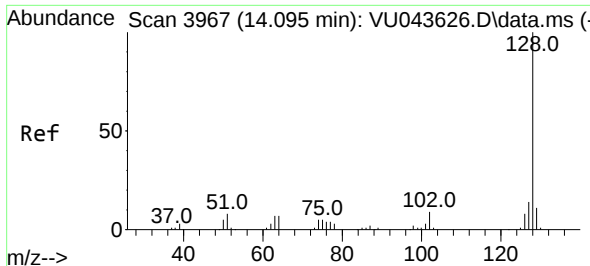
Tgt Ion:	180	Resp:	57127
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.0	114.0
184	30.8	24.1	36.1
145	29.4	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 5.13 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:	180	Resp:	47312
Ion Ratio	Lower	Upper	
180	100		
182	96.3	75.9	113.9
145	31.1	24.6	37.0

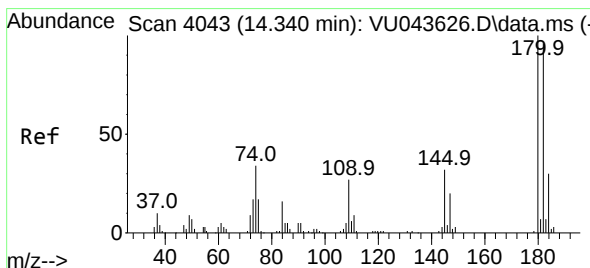
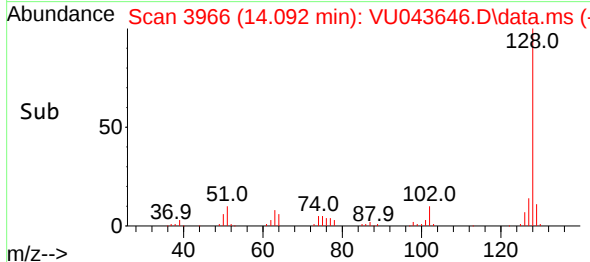
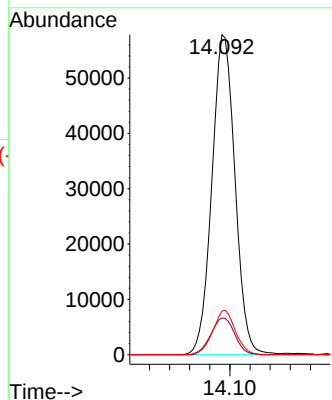
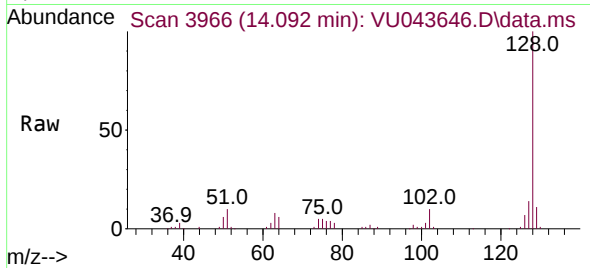




#71
Naphthalene
Concen: 5.80 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	92157
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.9	13.3
127	13.8	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.37 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043646.D
Acq: 10 May 2021 18:19

Tgt Ion:	180	Resp:	46515
Ion Ratio	Lower	Upper	
180	100		
182	97.3	75.7	113.5
145	32.3	25.7	38.5

