

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043909.D
 Acq On : 24 May 2021 14:34
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

Quant Time: May 25 03:41:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 03:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	228330	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	233230	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	132802	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63397	3.99	ug/L	0.00
7) Chloroethane-d5	1.916	69	48219	4.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	33735	4.90	ug/L	0.00
20) 2-Butanone-d5	4.662	46	202102	59.69	ug/L	0.00
24) Chloroform-d	5.073	84	153697	5.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	77396	5.43	ug/L	0.00
32) Benzene-d6	5.735	84	312485	5.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	96770	5.14	ug/L	0.00
41) Toluene-d8	7.906	98	299734	5.45	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	37651	5.36	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	165454	52.65	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	88228	5.57	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	118332	5.27	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	83881	5.13	ug/L	100
3) Chloromethane	1.523	50	86594	4.58	ug/L	100
5) Vinyl chloride	1.607	62	78003	4.27	ug/L	100
6) Bromomethane	1.858	94	48008	4.38	ug/L	100
8) Chloroethane	1.935	64	44220	4.30	ug/L	100
9) Trichlorofluoromethane	2.141	101	110116	5.02	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	85768	5.56	ug/L	100
12) 1,1-Dichloroethene	2.584	96	83836	5.53	ug/L	100
13) Acetone	2.674	43	121081	57.63	ug/L	100
14) Carbon disulfide	2.797	76	251825	5.06	ug/L	100
15) Methyl Acetate	2.970	43	37489	6.03	ug/L	100
16) Methylene chloride	3.054	84	97509	4.42	ug/L	100
17) Methyl tert-butyl Ether	3.379	73	171720	5.10	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	83007	5.26	ug/L	100
19) 1,1-Dichloroethane	3.880	63	147256	5.21	ug/L	100
21) 2-Butanone	4.742	43	223658	55.91	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	87039	5.27	ug/L	100
23) Bromochloromethane	4.983	128	44746	5.66	ug/L	100
25) Chloroform	5.099	83	156301	5.50	ug/L	100
27) 1,2-Dichloroethane	5.803	62	93194	5.36	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	126434	5.25	ug/L	100
30) Cyclohexane	5.398	56	118164	4.59	ug/L	100
31) Carbon tetrachloride	5.533	117	108875	5.37	ug/L	100
33) Benzene	5.784	78	343476	5.18	ug/L	100
34) Trichloroethene	6.549	95	85998	5.05	ug/L	100
35) Methylcyclohexane	6.771	83	128173	4.91	ug/L	100
37) 1,2-Dichloropropane	6.800	63	88206	5.08	ug/L	100
38) Bromodichloromethane	7.115	83	107254	5.26	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	113981	4.98	ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	522800	48.11	ug/L	100
42) Toluene	7.976	91	377498	5.40	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	101809	5.13	ug/L	100

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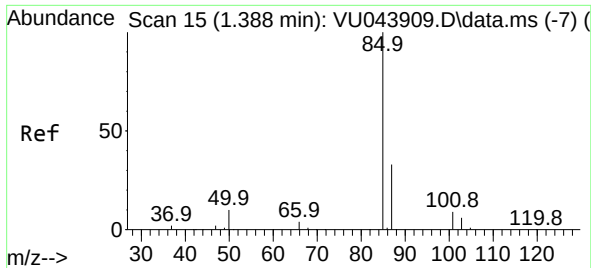
Quant Time: May 25 03:41:33 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	68497	5.43	ug/L	100
47) Tetrachloroethene	8.558	164	77001	5.52	ug/L	100
48) 2-Hexanone	8.697	43	400087	49.41	ug/L	100
49) Dibromochloromethane	8.816	129	78967	5.56	ug/L	100
50) 1,2-Dibromoethane	8.931	107	64378	5.41	ug/L	100
51) Chlorobenzene	9.452	112	230780	5.26	ug/L	100
52) Ethylbenzene	9.578	91	361328	5.10	ug/L	100
53) m,p-Xylene	9.700	106	147766	5.42	ug/L	100
54) o-Xylene	10.108	106	139044	5.37	ug/L	100
55) Styrene	10.121	104	247073	5.61	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	85620	5.33	ug/L	100
59) Bromoform	10.298	173	48248	5.40	ug/L	100
60) Isopropylbenzene	10.491	105	359722	5.06	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	61931	4.95	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	278331	4.90	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	290789	4.99	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	194708	5.22	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	196713	5.24	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	186304	5.20	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	11666	4.59	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	148132	4.98	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	113227	4.68	ug/L	100
71) Naphthalene	14.092	128	173345	4.13	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	113251	4.89	ug/L	100

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

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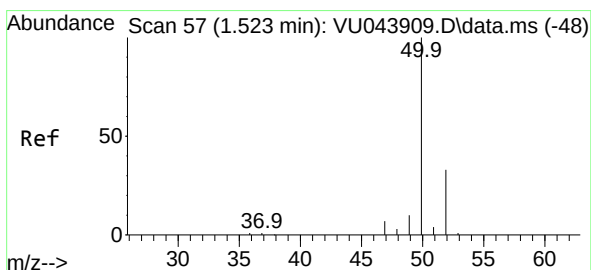
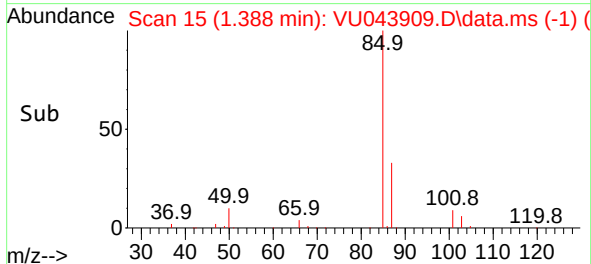
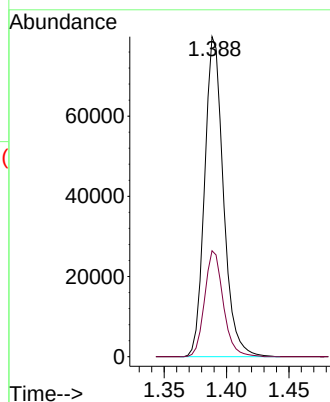
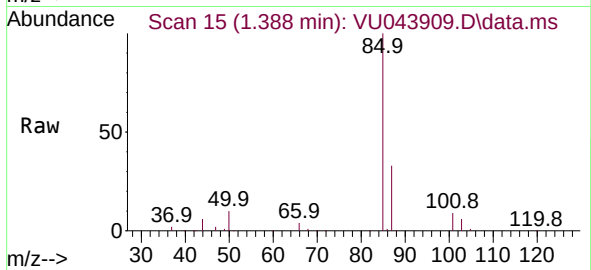




#2
Dichlorodifluoromethane
Concen: 5.13 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

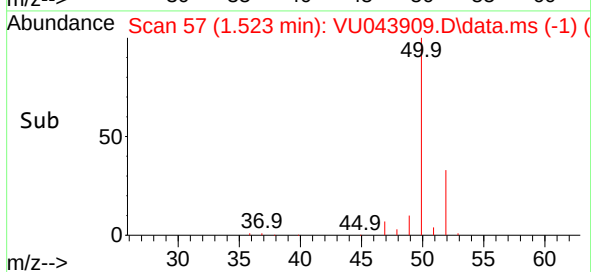
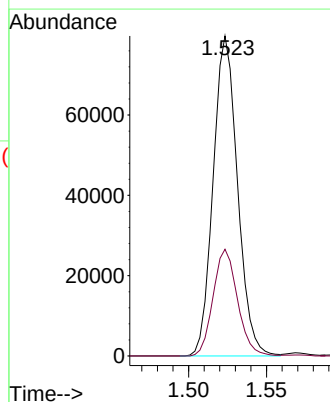
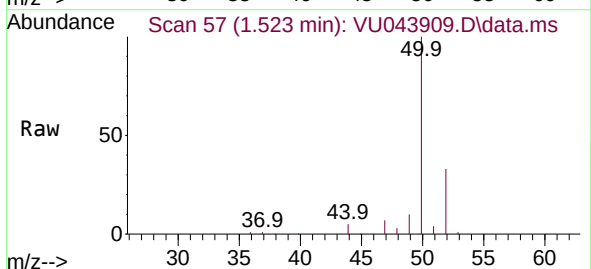
Instrument :
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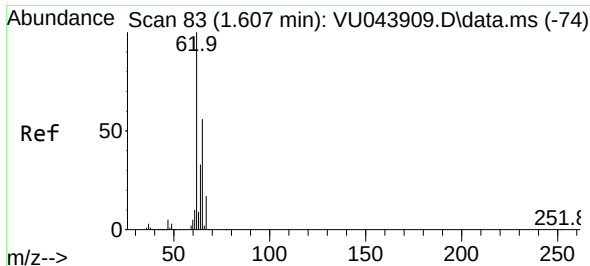
Tgt Ion: 85 Resp: 83881
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 4.58 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 50 Resp: 86594
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4

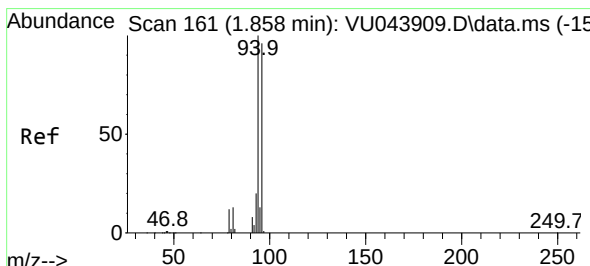
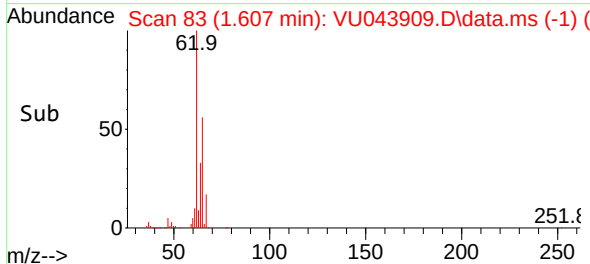
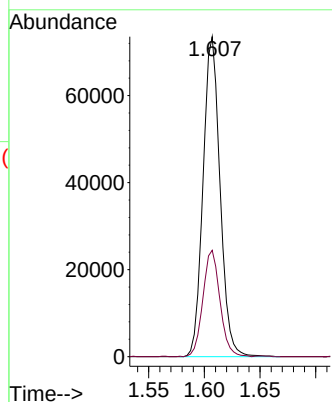
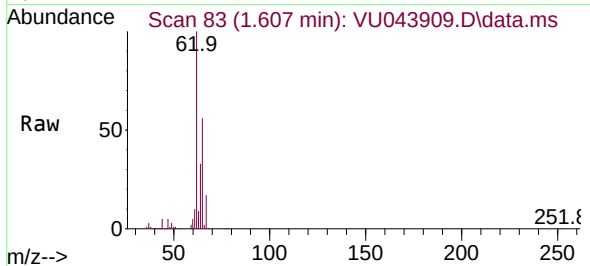




#5
 Vinyl chloride
 Concen: 4.27 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043909.D
 Acq: 24 May 2021 14:34

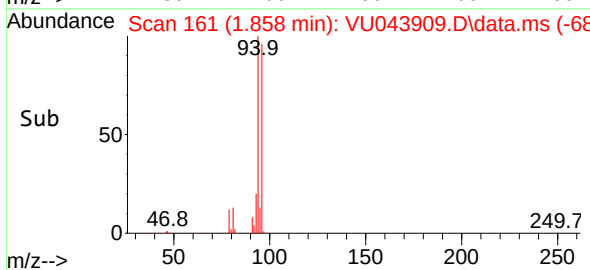
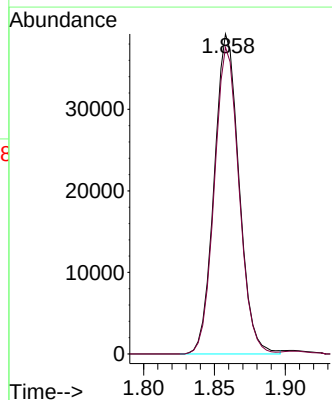
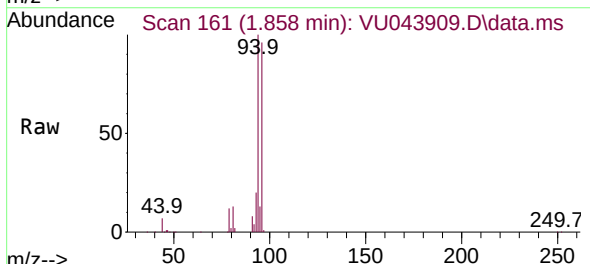
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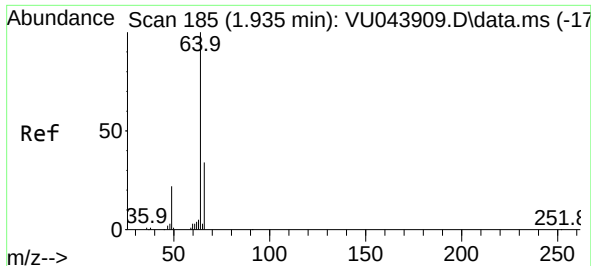
Tgt Ion: 62 Resp: 78003
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 4.38 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU043909.D
 Acq: 24 May 2021 14:34

Tgt Ion: 94 Resp: 48008
 Ion Ratio Lower Upper
 94 100
 96 95.9 67.1 124.7

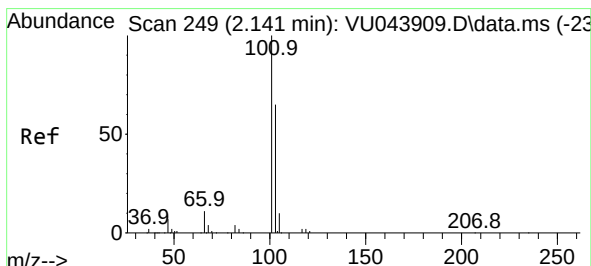
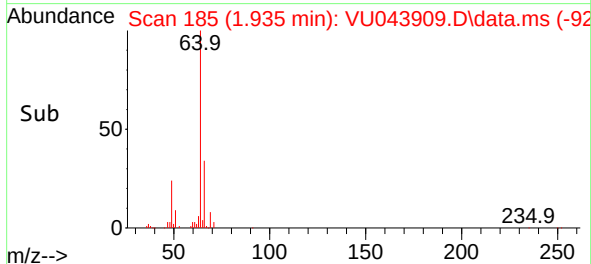
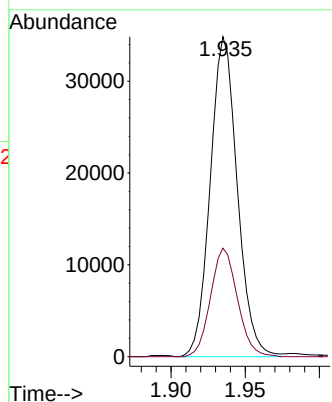
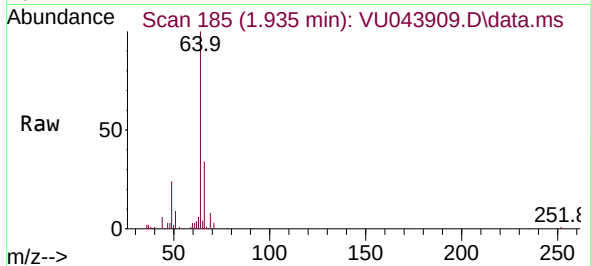




#8
Chloroethane
Concen: 4.30 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

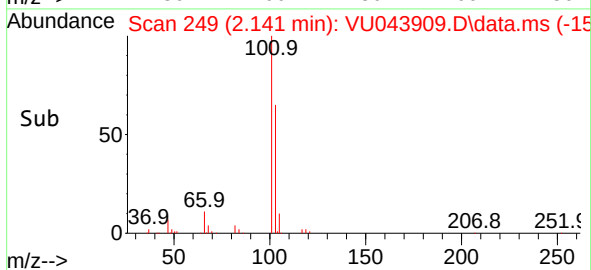
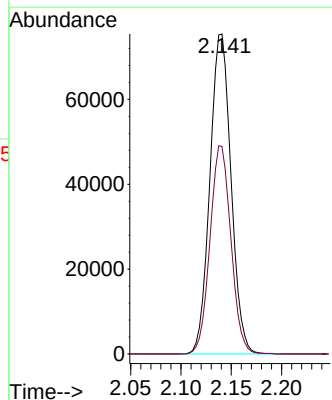
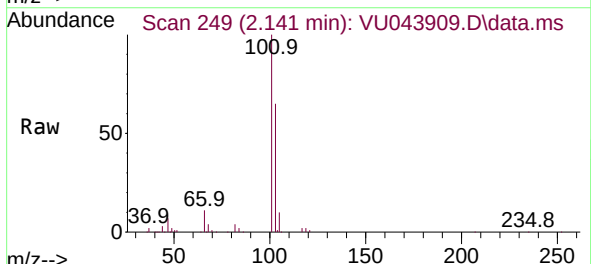
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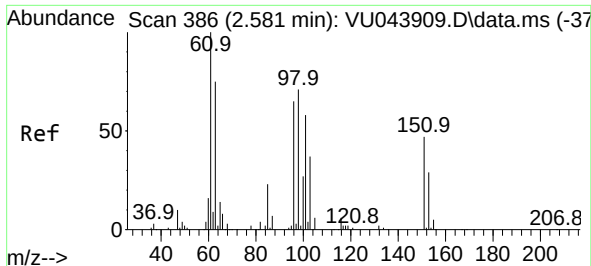
Tgt Ion: 64 Resp: 44220
Ion Ratio Lower Upper
64 100
66 33.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.02 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 101 Resp: 110116
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

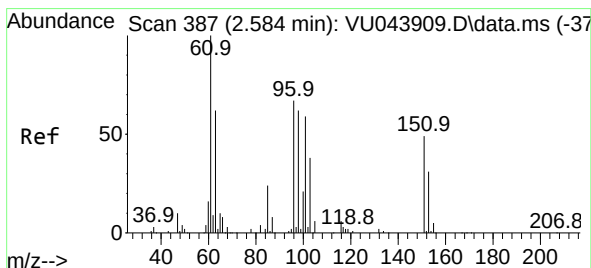
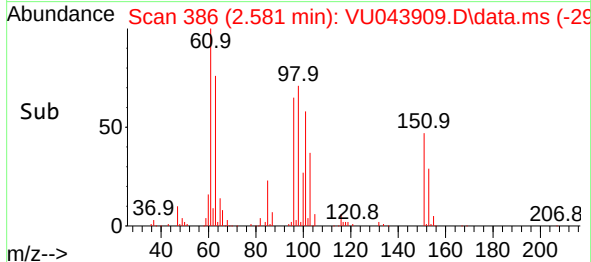
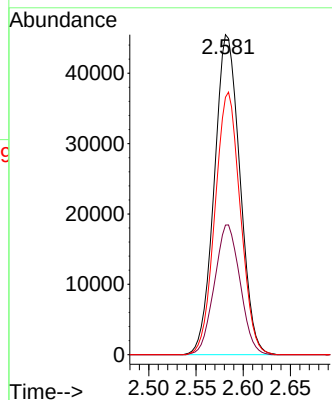
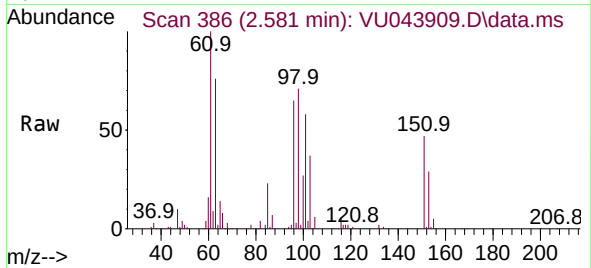




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.56 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU043909.D
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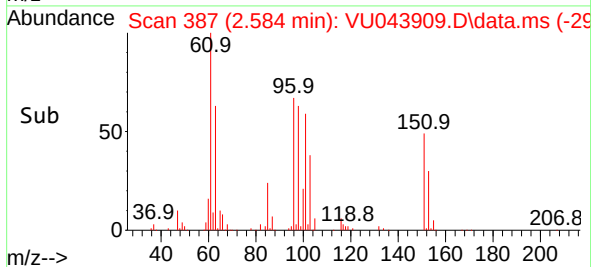
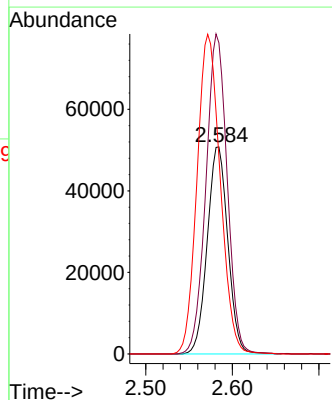
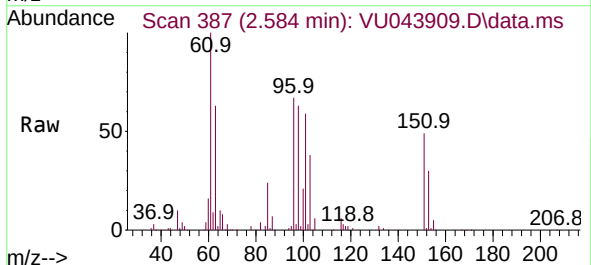
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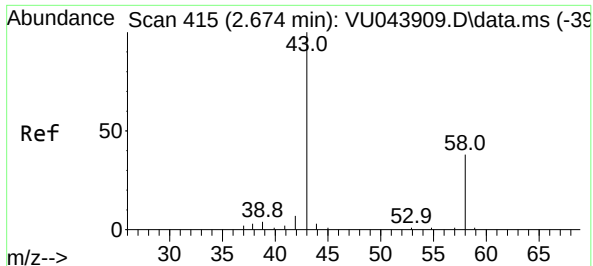
Tgt Ion:101 Resp: 85768
Ion Ratio Lower Upper
101 100
85 40.6 32.5 48.7
151 81.1 64.9 97.3



#12
1,1-Dichloroethene
Concen: 5.53 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 96 Resp: 83836
Ion Ratio Lower Upper
96 100
61 150.2 105.1 195.3
63 95.1 66.6 123.6

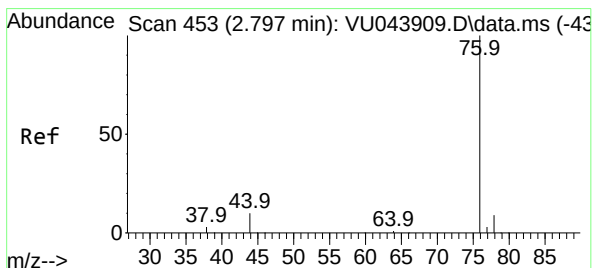
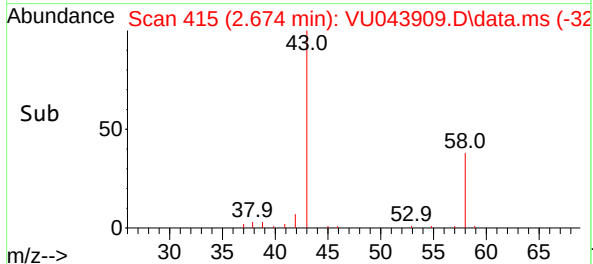
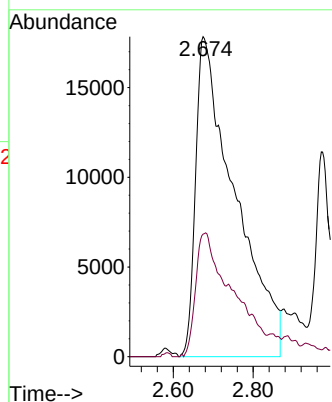
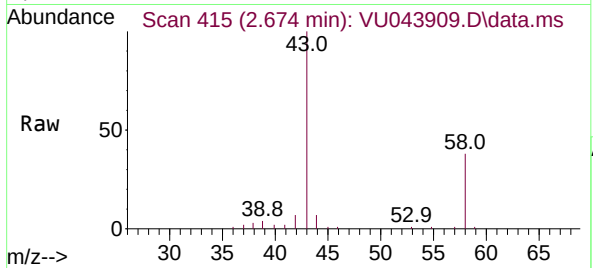




#13
Acetone
Concen: 57.63 ug/L
RT: 2.674 min Scan# 415
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

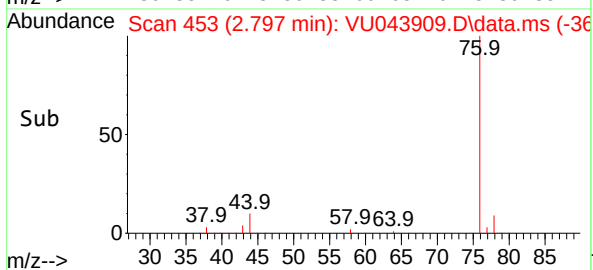
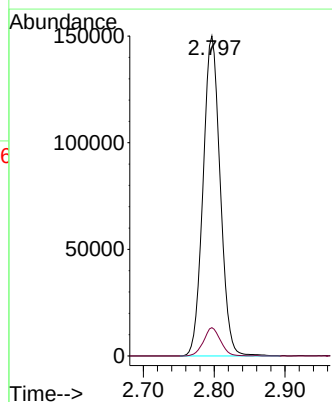
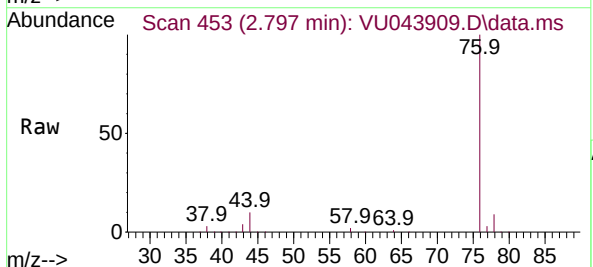
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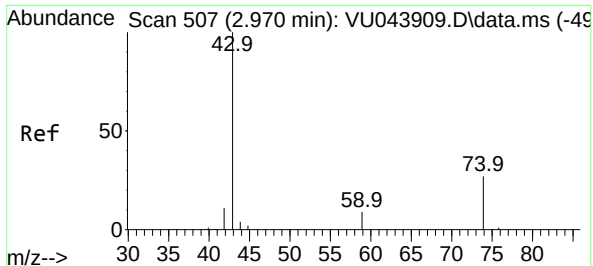
Tgt Ion: 43 Resp: 121081
Ion Ratio Lower Upper
43 100
58 23.1 0.0 46.2



#14
Carbon disulfide
Concen: 5.06 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 76 Resp: 251825
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

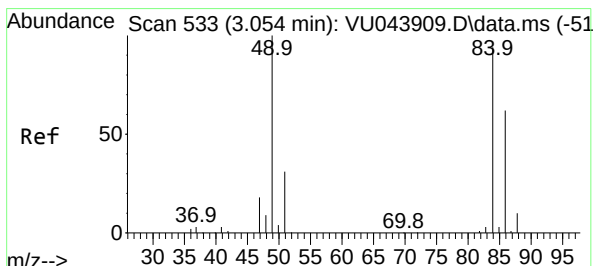
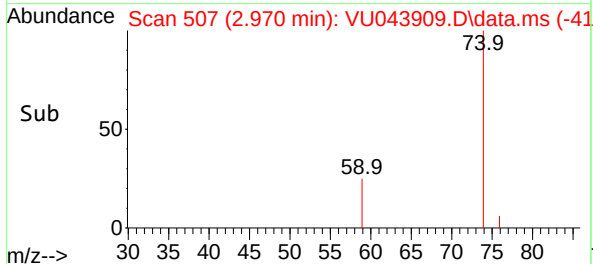
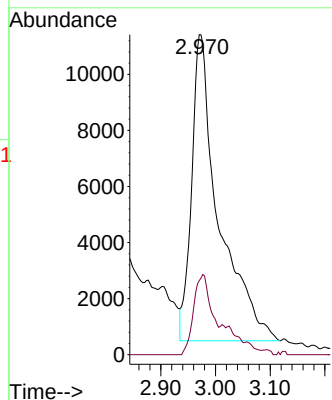
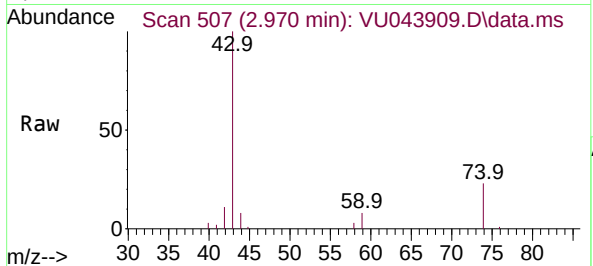




#15
Methyl Acetate
Concen: 6.03 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

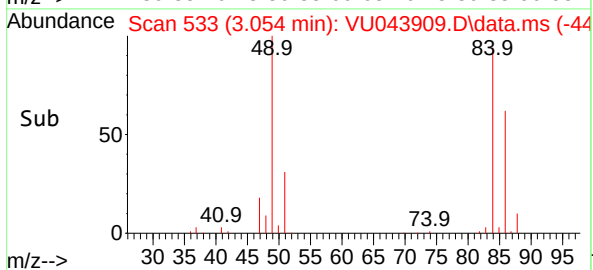
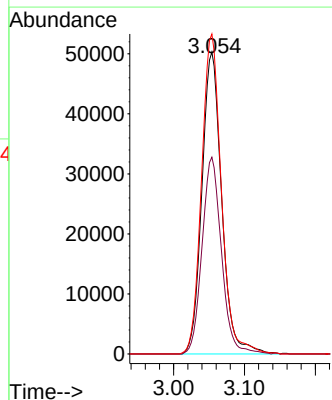
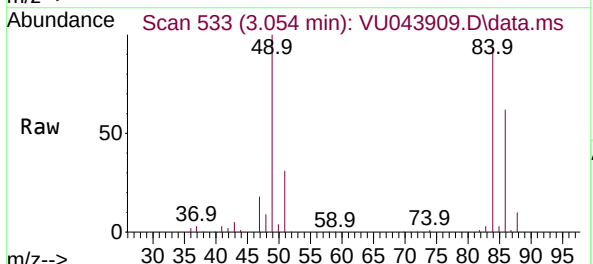
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VSTD005133

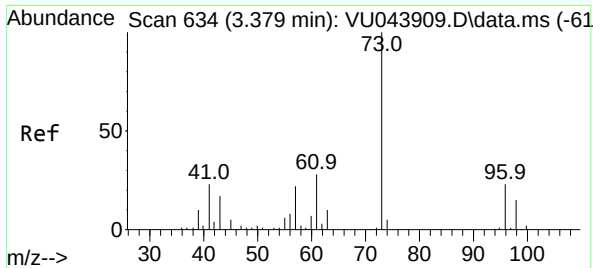
Tgt Ion: 43 Resp: 37489
Ion Ratio Lower Upper
43 100
74 17.2 13.8 20.6



#16
Methylene chloride
Concen: 4.42 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 84 Resp: 97509
Ion Ratio Lower Upper
84 100
86 65.2 45.6 84.8
49 106.0 74.2 137.8

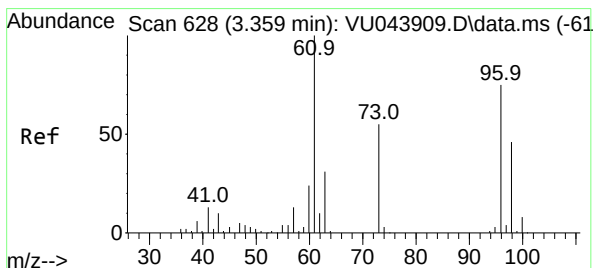
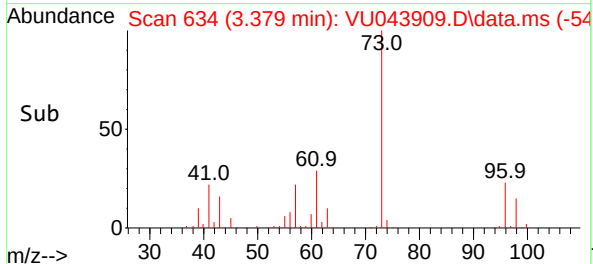
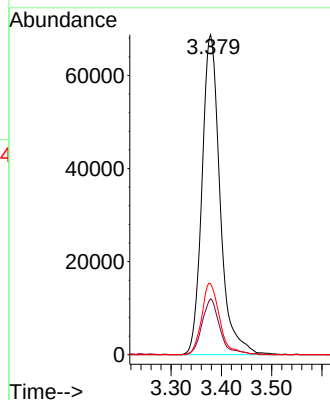
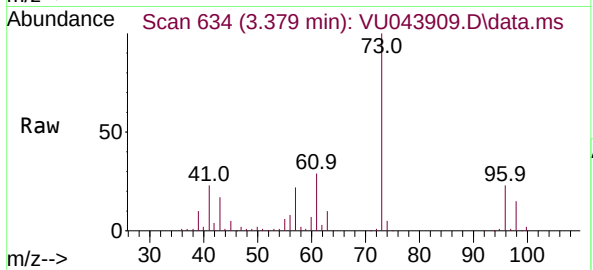




#17
Methyl tert-butyl Ether
Concen: 5.10 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

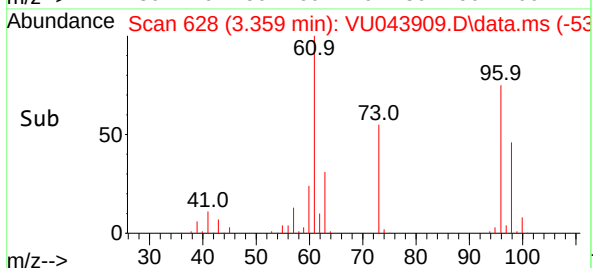
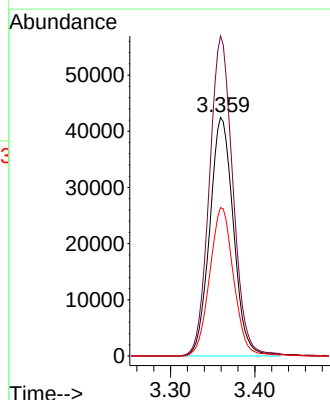
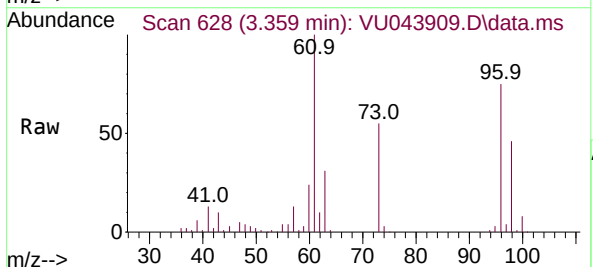
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

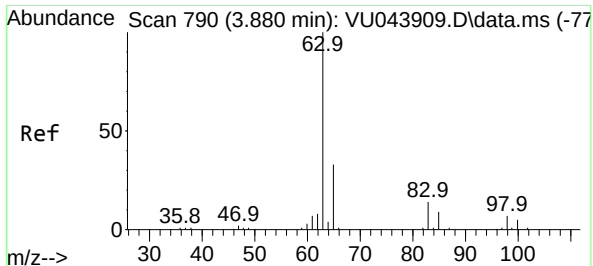
Tgt Ion:	73	Resp:	171720
Ion	Ratio	Lower	Upper
73	100		
43	17.3	13.8	20.8
57	22.3	17.8	26.8



#18
trans-1,2-Dichloroethene
Concen: 5.26 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion:	96	Resp:	83007
Ion	Ratio	Lower	Upper
96	100		
61	134.1	93.9	174.3
98	62.1	43.5	80.7





#19

1,1-Dichloroethane

Concen: 5.21 ug/L

RT: 3.880 min Scan# 790

Delta R.T. 0.000 min

Lab File: VU043909.D

Acq: 24 May 2021 14:34

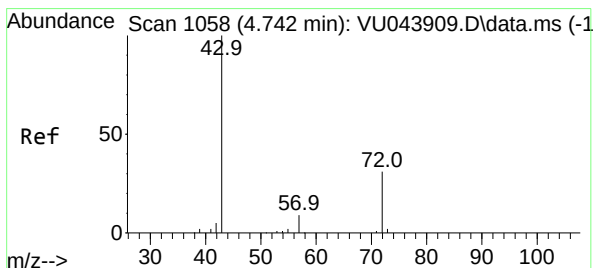
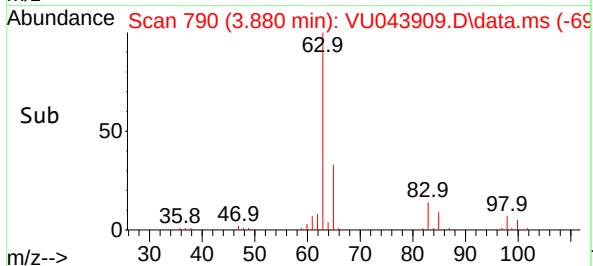
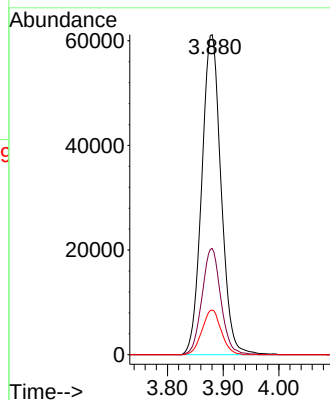
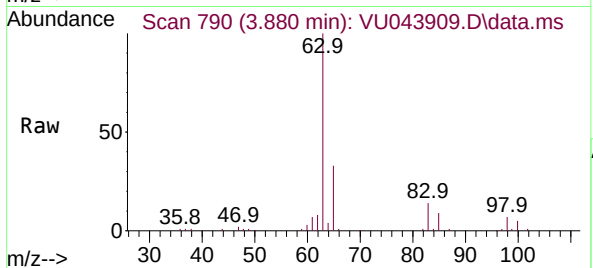
Tgt Ion: 63 Resp: 147256

Ion Ratio Lower Upper

63 100

65 33.2 23.2 43.2

83 13.9 9.7 18.1



#21

2-Butanone

Concen: 55.91 ug/L

RT: 4.742 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VU043909.D

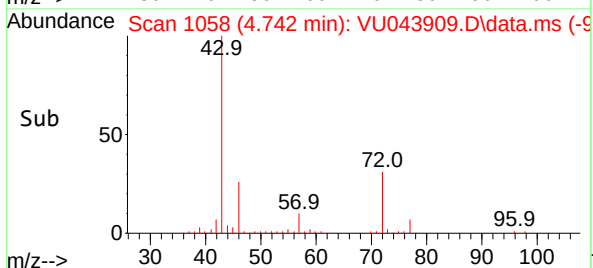
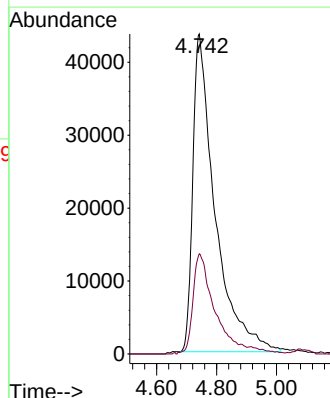
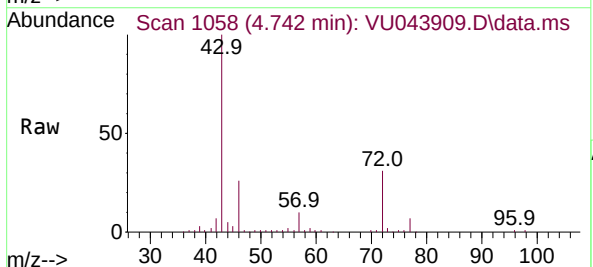
Acq: 24 May 2021 14:34

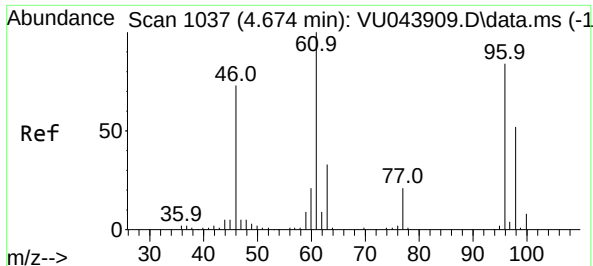
Tgt Ion: 43 Resp: 223658

Ion Ratio Lower Upper

43 100

72 29.4 14.7 44.1

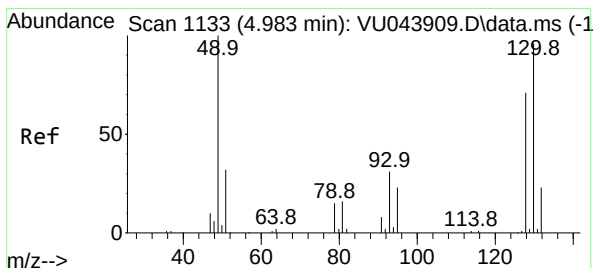
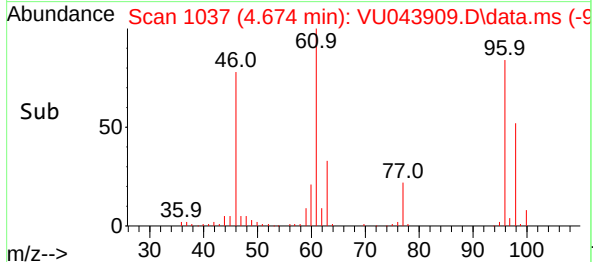
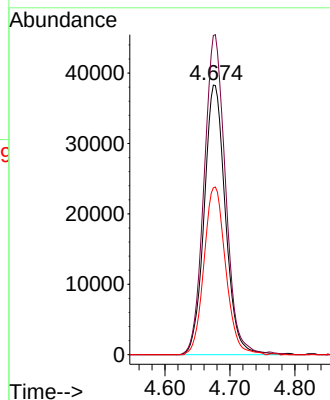
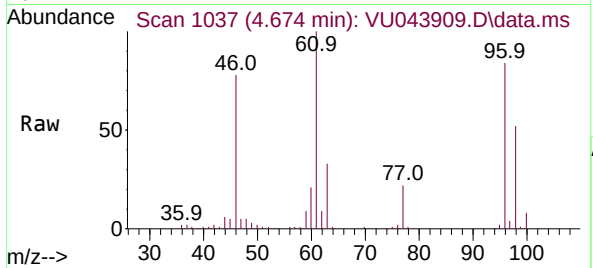




#22
 cis-1,2-Dichloroethene
 Concen: 5.27 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU043909.D
 Acq: 24 May 2021 14:34

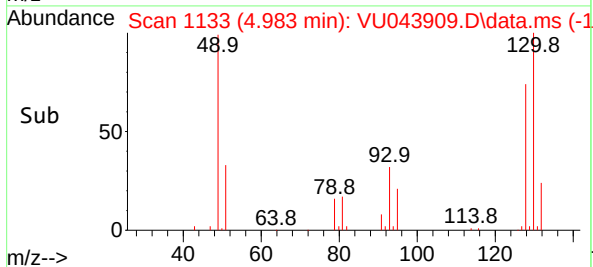
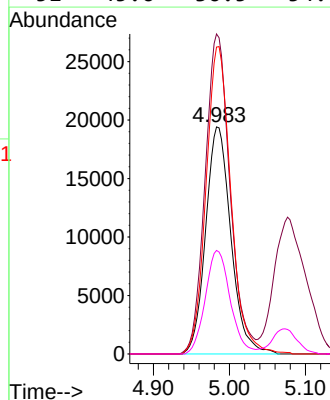
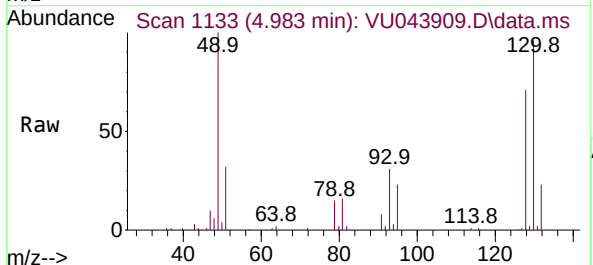
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

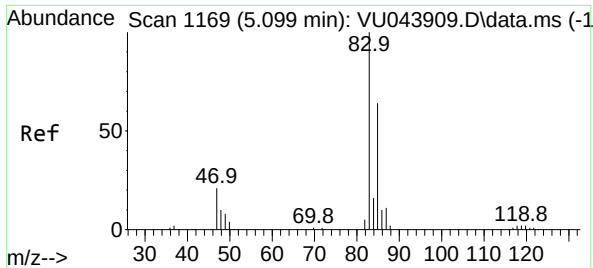
Tgt Ion:	96	Resp:	87039
Ion	Ratio	Lower	Upper
96	100		
61	118.4	82.9	153.9
98	61.9	43.3	80.5



#23
 Bromochloromethane
 Concen: 5.66 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VU043909.D
 Acq: 24 May 2021 14:34

Tgt Ion:	128	Resp:	44746
Ion	Ratio	Lower	Upper
128	100		
49	141.0	98.7	183.3
130	135.2	94.6	175.8
51	45.6	36.5	54.7

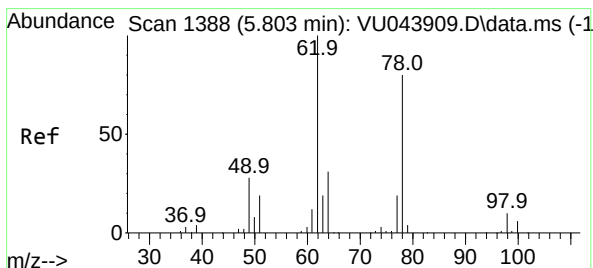
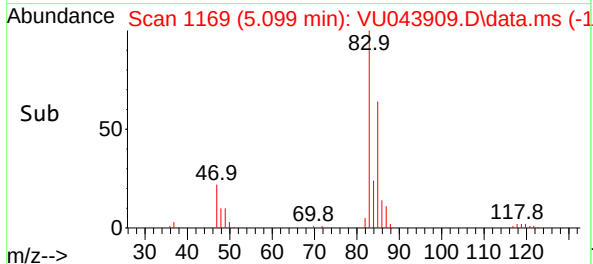
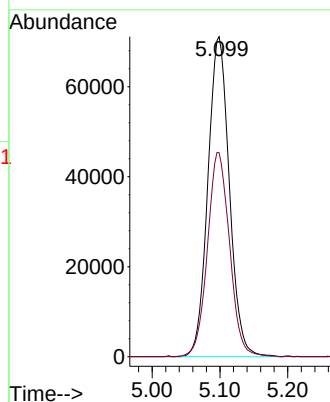
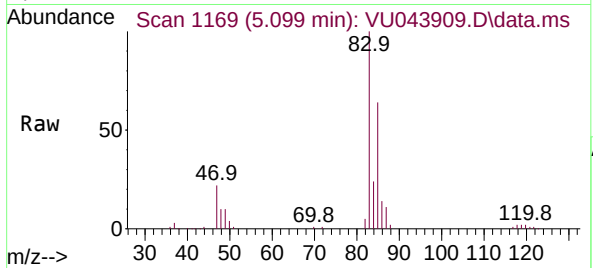




#25
Chloroform
Concen: 5.50 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

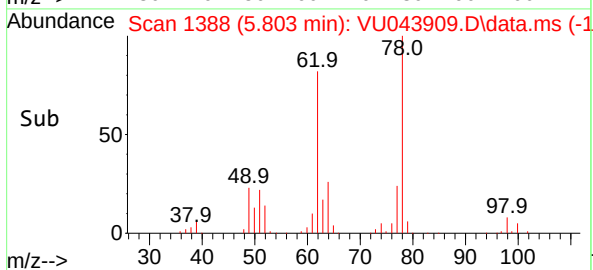
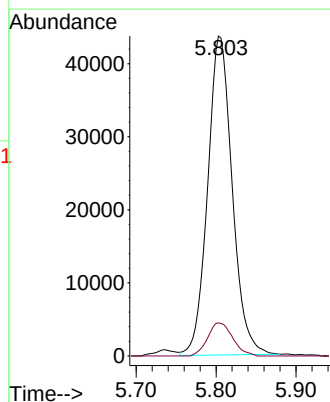
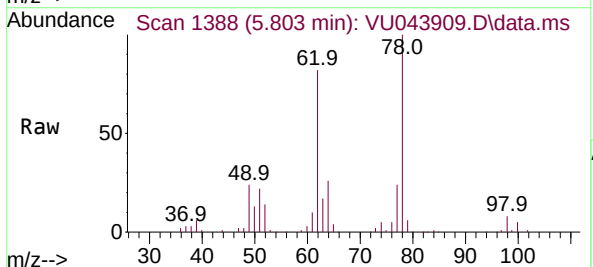
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

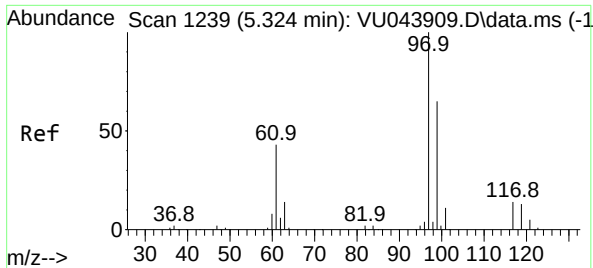
Tgt Ion: 83 Resp: 156301
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.36 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 62 Resp: 93194
Ion Ratio Lower Upper
62 100
98 10.4 8.3 12.5

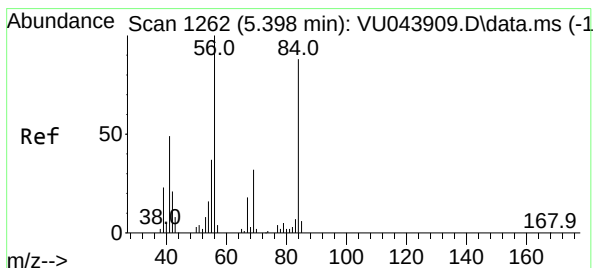
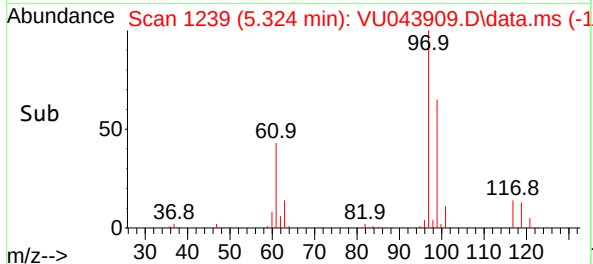
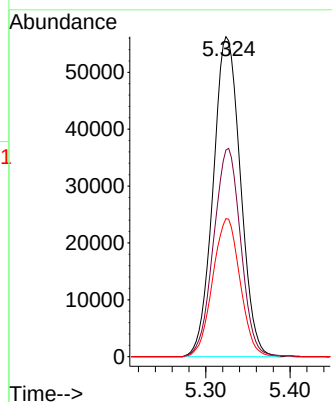
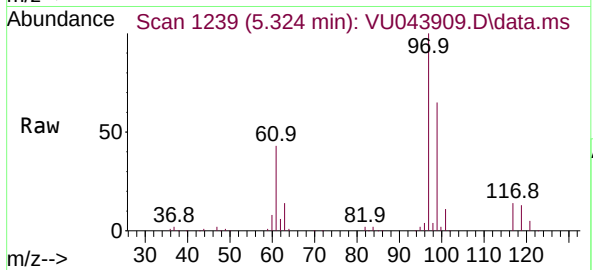




#29
1,1,1-Trichloroethane
Concen: 5.25 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

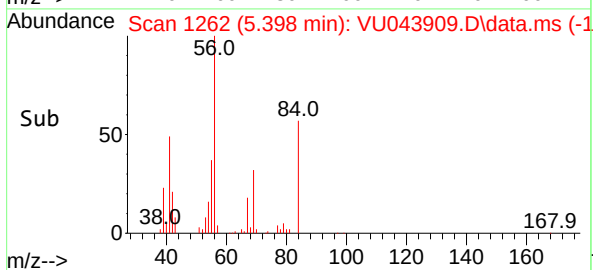
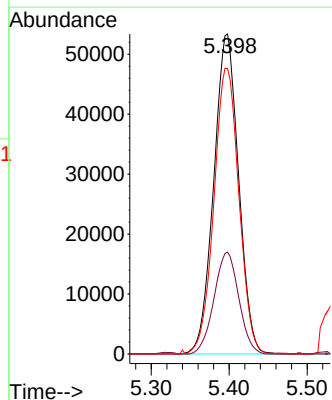
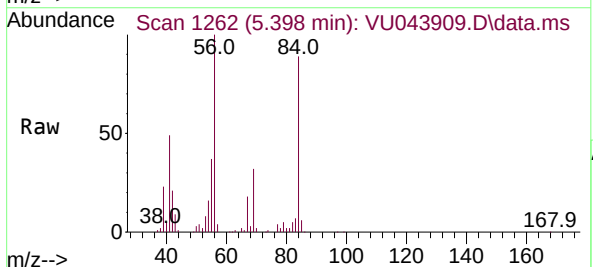
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

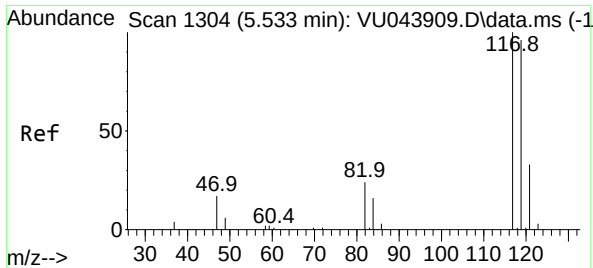
Tgt Ion:	97	Resp:	126434
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	43.4	34.7	52.1



#30
Cyclohexane
Concen: 4.59 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion:	56	Resp:	118164
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.4	38.0
84	90.0	72.0	108.0

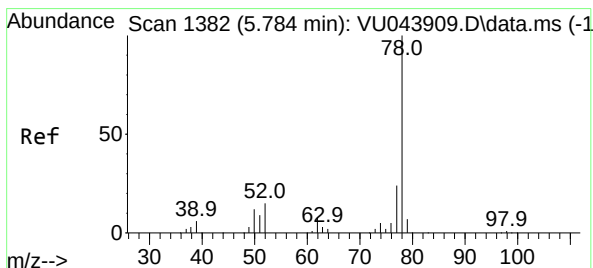
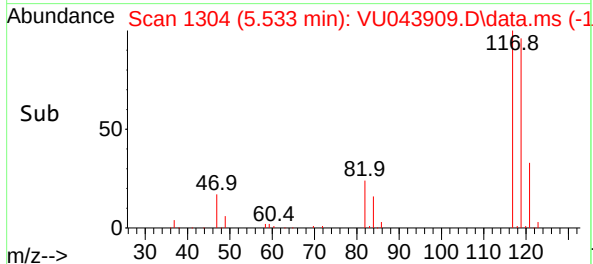
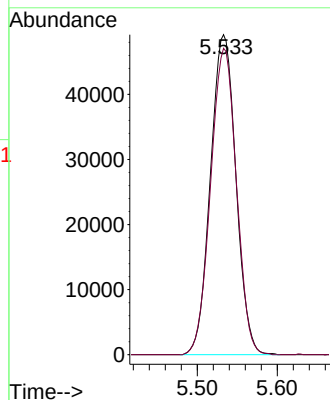
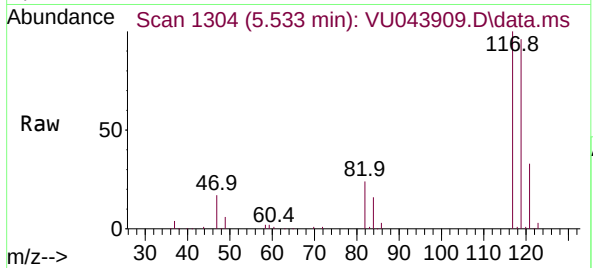




#31
Carbon tetrachloride
Concen: 5.37 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

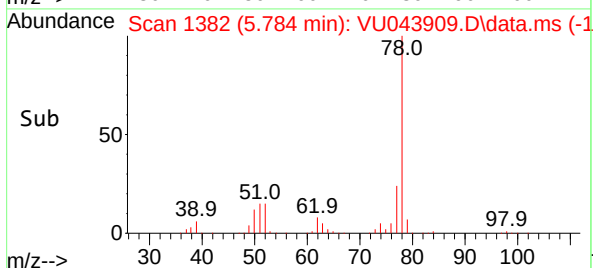
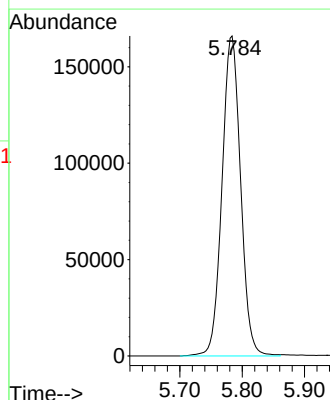
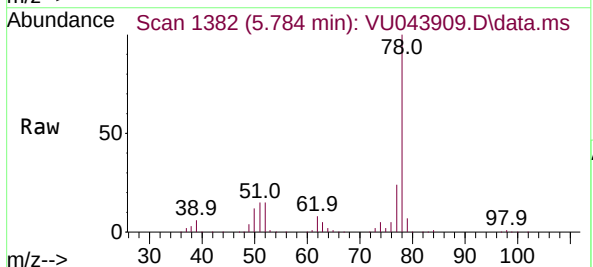
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ClientSampleId :
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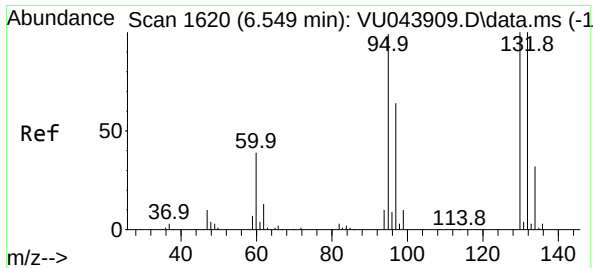
Tgt Ion:117 Resp: 108875
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0



#33
Benzene
Concen: 5.18 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 78 Resp: 343476





#34

Trichloroethene

Concen: 5.05 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU043909.D

Acq: 24 May 2021 14:34

Tgt Ion: 95 Resp: 85998

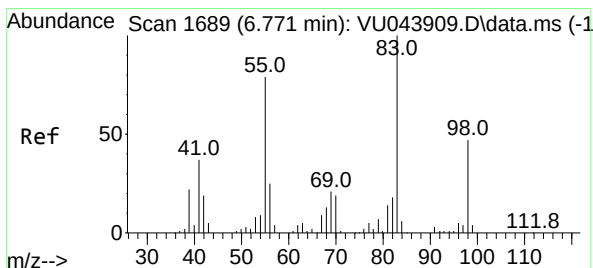
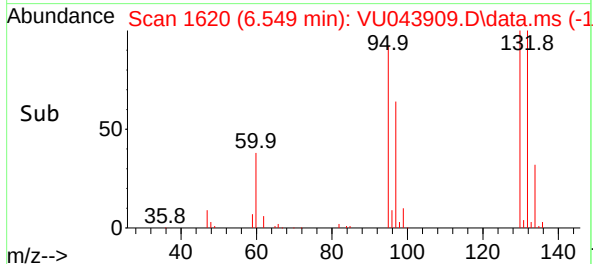
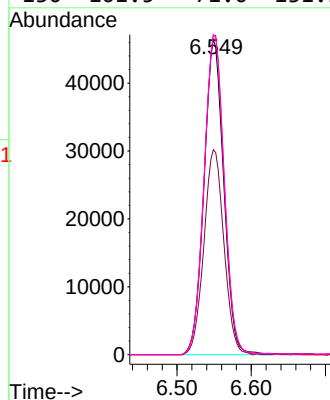
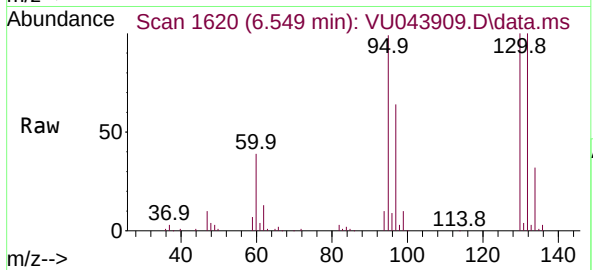
Ion Ratio Lower Upper

95 100

97 65.0 45.5 84.5

132 101.3 70.9 131.7

130 101.5 71.0 131.9



#35

Methylcyclohexane

Concen: 4.91 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU043909.D

Acq: 24 May 2021 14:34

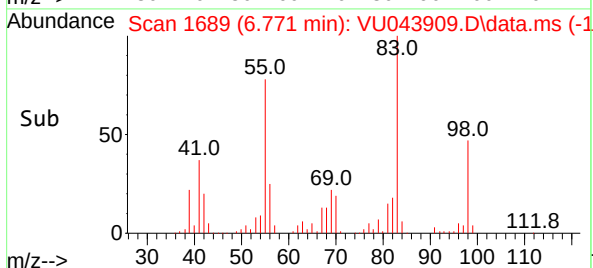
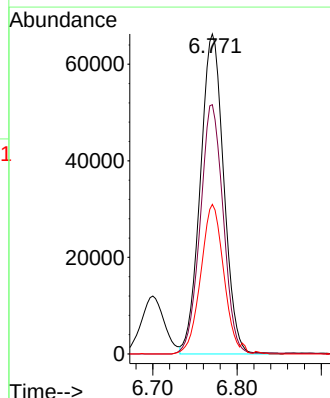
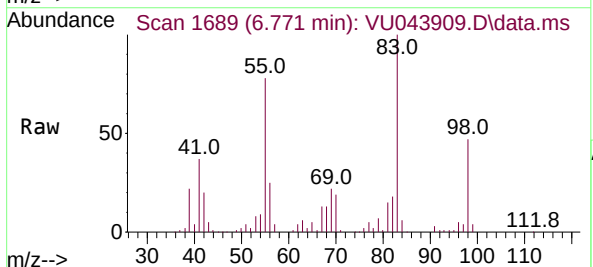
Tgt Ion: 83 Resp: 128173

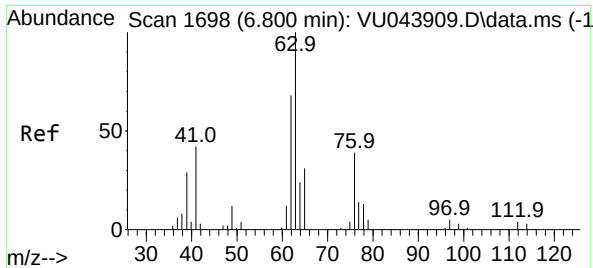
Ion Ratio Lower Upper

83 100

55 76.5 61.2 91.8

98 46.2 37.0 55.4

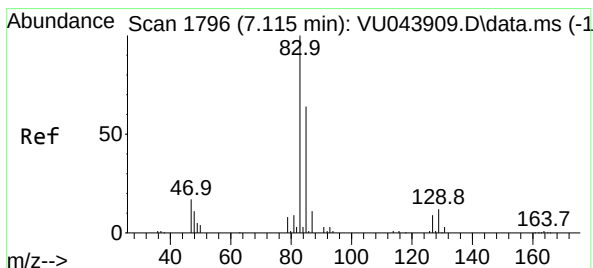
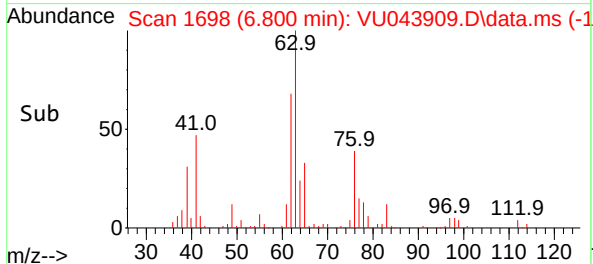
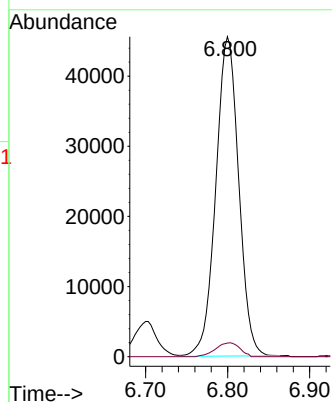
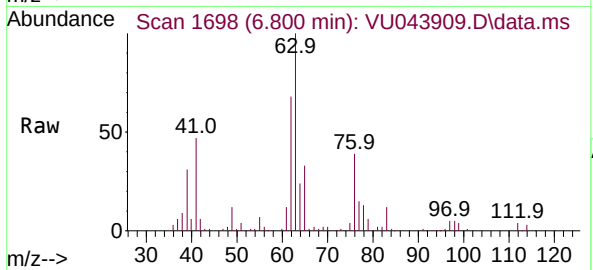




#37
1,2-Dichloropropane
Concen: 5.08 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

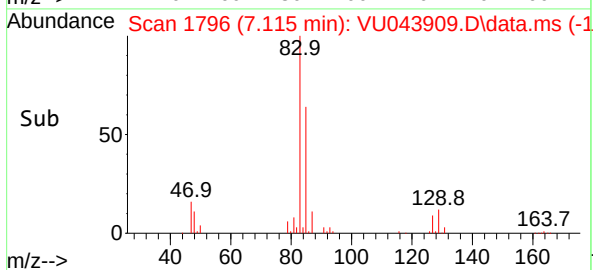
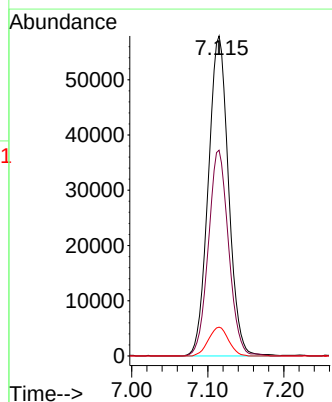
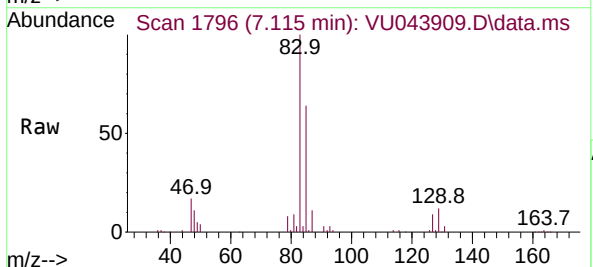
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

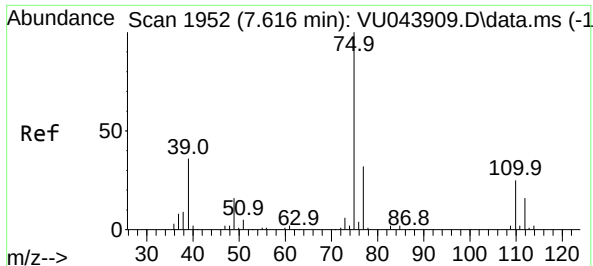
Tgt Ion: 63 Resp: 88206
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 5.26 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 83 Resp: 107254
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
127 9.0 7.2 10.8



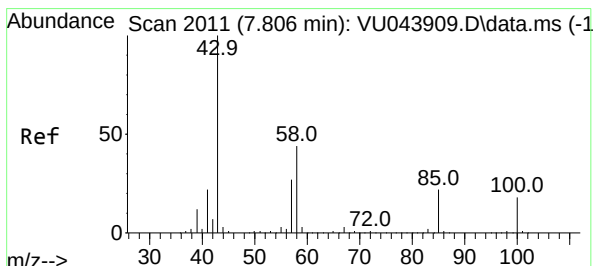
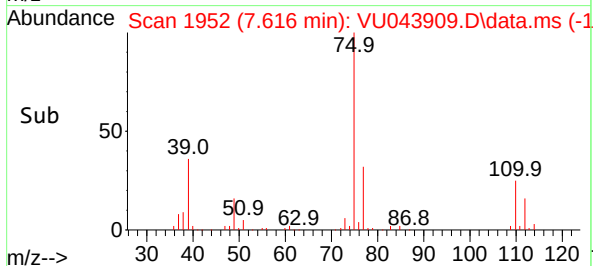
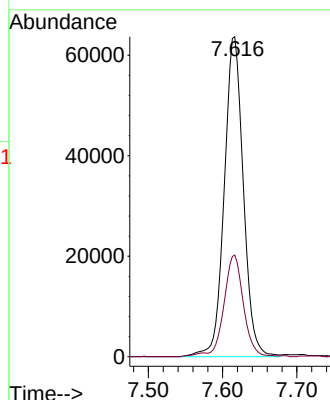
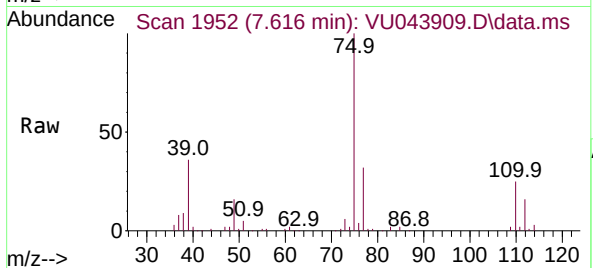


#39

cis-1,3-Dichloropropene
 Concen: 4.98 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU043909.D
 Acq: 24 May 2021 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

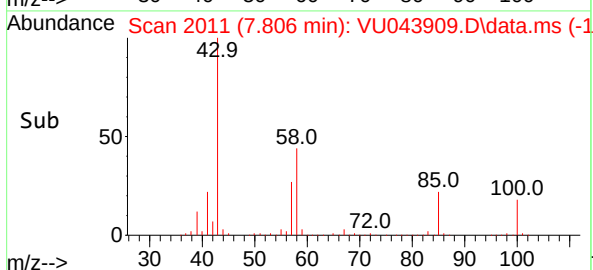
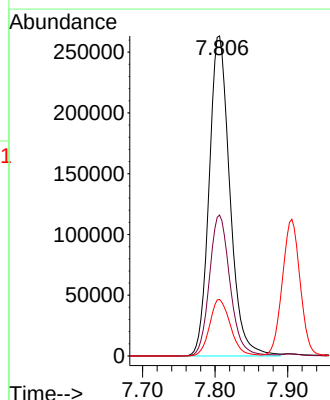
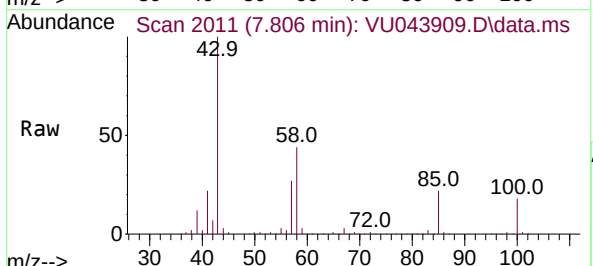
Tgt Ion: 75 Resp: 113981
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3

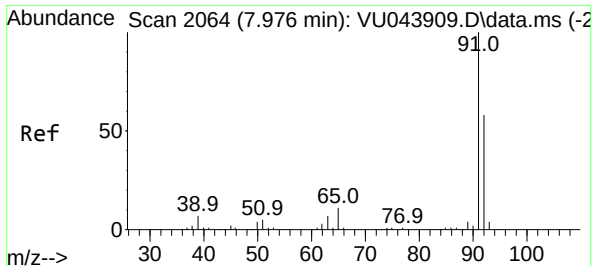


#40

4-Methyl-2-pentanone
 Concen: 48.11 ug/L
 RT: 7.806 min Scan# 2011
 Delta R.T. 0.000 min
 Lab File: VU043909.D
 Acq: 24 May 2021 14:34

Tgt Ion: 43 Resp: 522800
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.2 52.8
 100 17.7 14.2 21.2

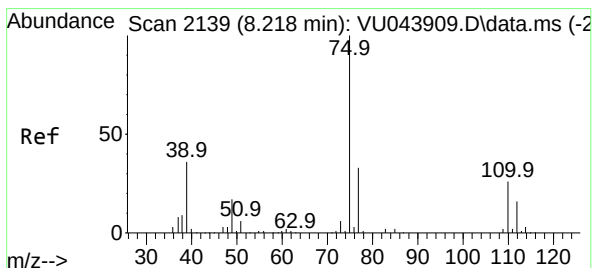
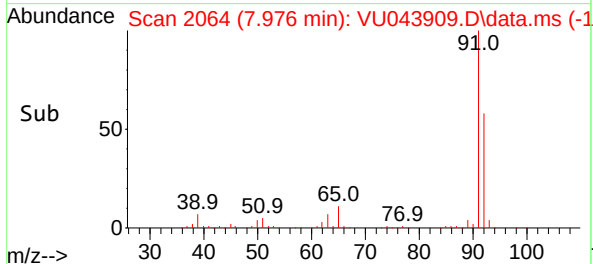
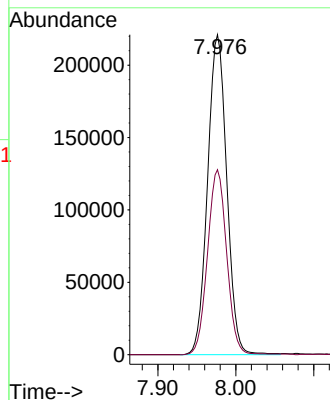
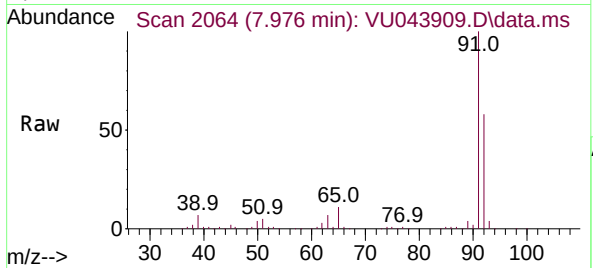




#42
Toluene
Concen: 5.40 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

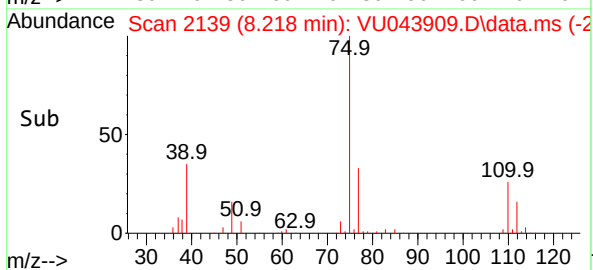
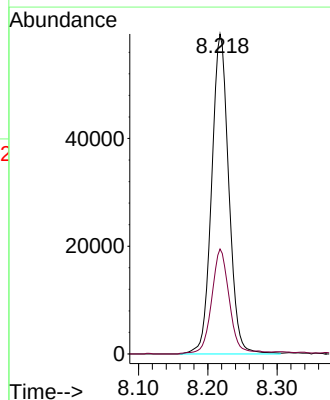
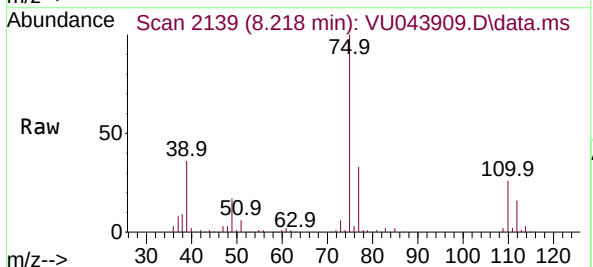
Instrument :
MSVOA_U
ClientSampled :
VSTD005133

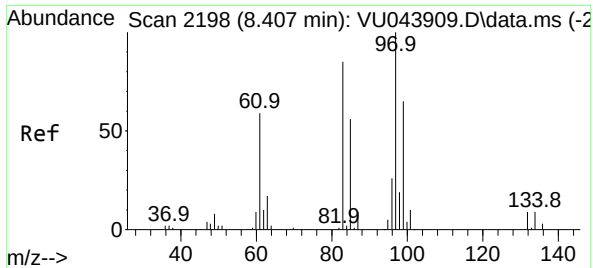
Tgt Ion: 91 Resp: 377498
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 5.13 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 75 Resp: 101809
Ion Ratio Lower Upper
75 100
77 32.8 23.0 42.6

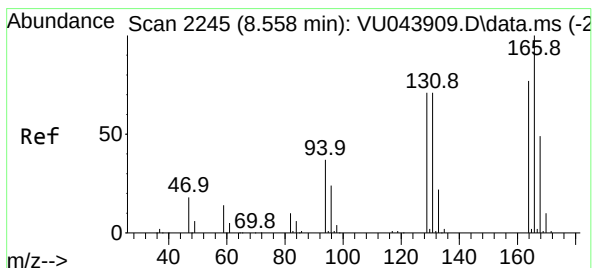
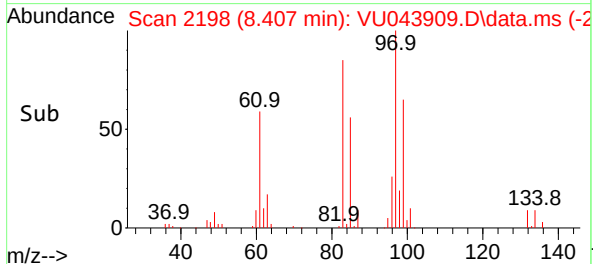
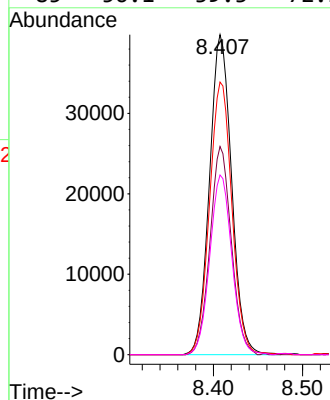
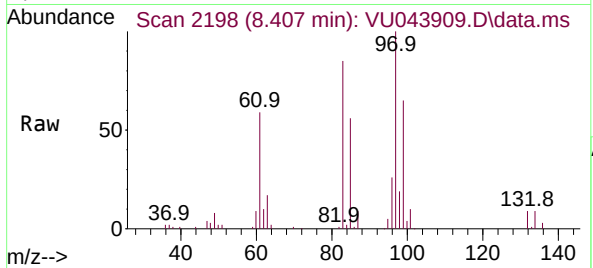




#45
1,1,2-Trichloroethane
Concen: 5.43 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

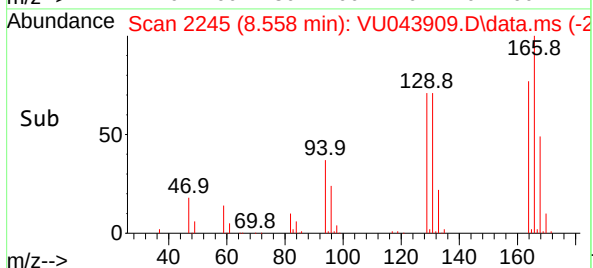
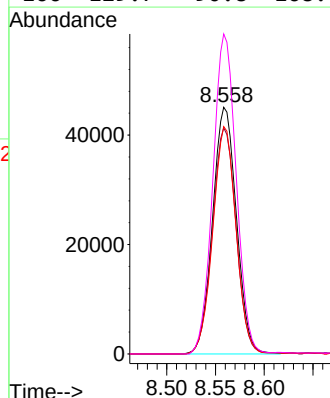
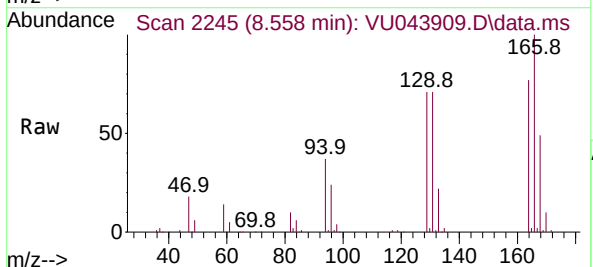
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

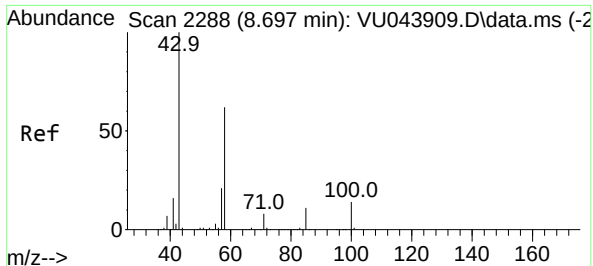
Tgt Ion:	97	Resp:	68497
Ion	Ratio	Lower	Upper
97	100		
99	65.1	45.6	84.6
83	85.2	59.6	110.8
85	56.1	39.3	72.9



#47
Tetrachloroethene
Concen: 5.52 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion:	164	Resp:	77001
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.1	119.1
131	92.2	64.5	119.9
166	129.7	90.8	168.6





#48

2-Hexanone

Concen: 49.41 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VU043909.D

Acq: 24 May 2021 14:34

Tgt Ion: 43 Resp: 400087

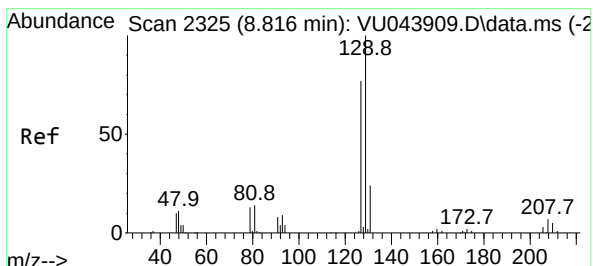
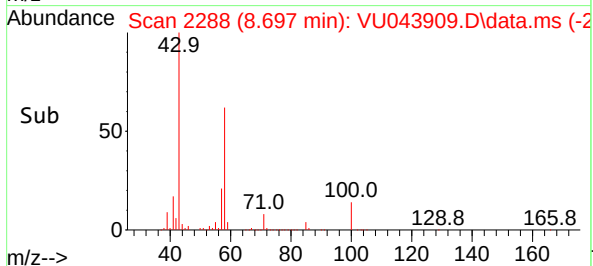
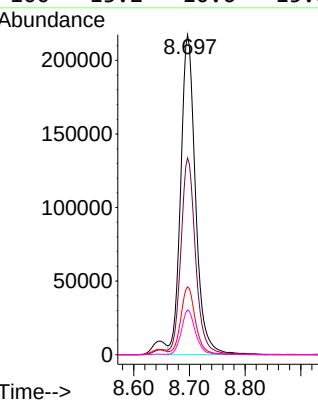
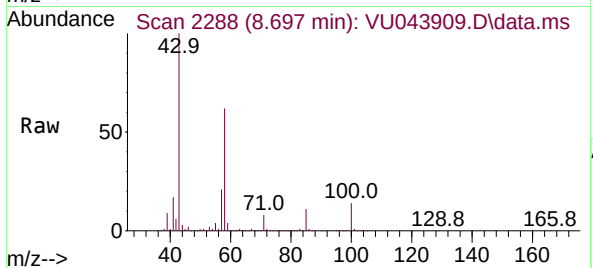
Ion Ratio Lower Upper

43 100

58 61.7 49.4 74.0

57 21.0 16.8 25.2

100 13.2 10.6 15.8



#49

Dibromochloromethane

Concen: 5.56 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VU043909.D

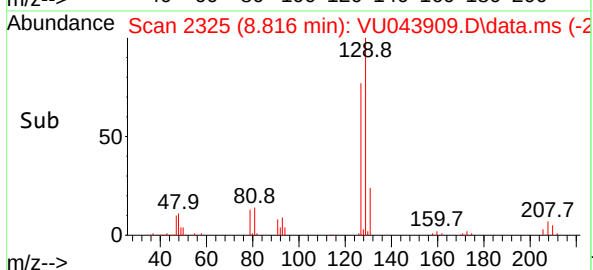
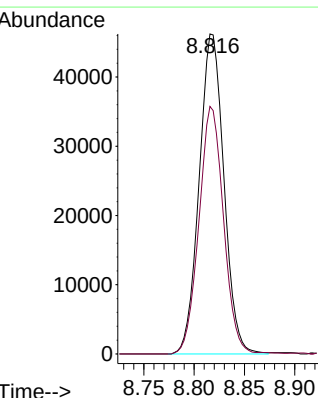
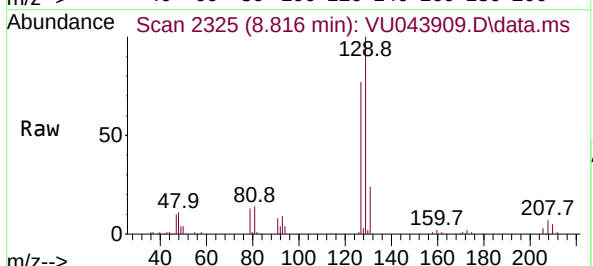
Acq: 24 May 2021 14:34

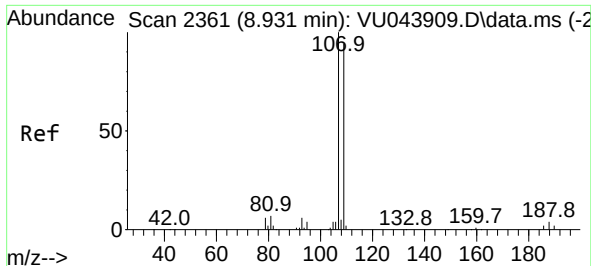
Tgt Ion: 129 Resp: 78967

Ion Ratio Lower Upper

129 100

127 77.3 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.41 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU043909.D

Acq: 24 May 2021 14:34

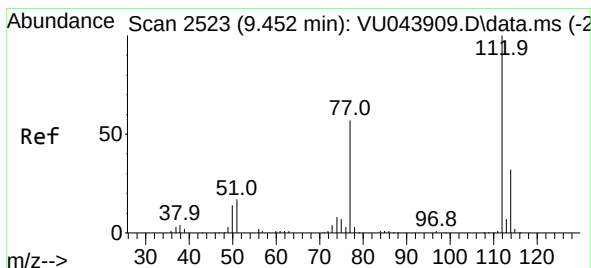
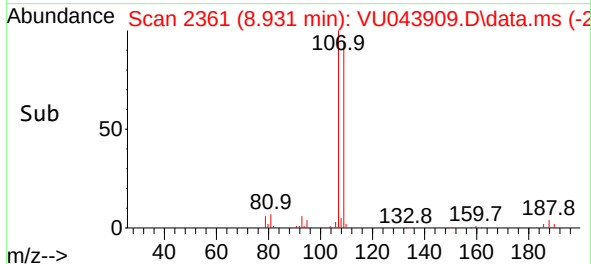
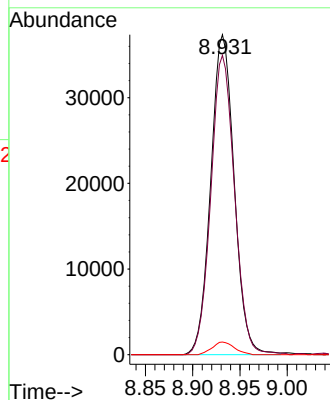
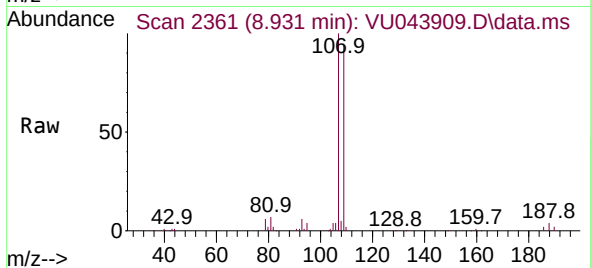
Instrument :

MSVOA_U

ClientSampleId :

VSTD005133

Tgt Ion:	107	Resp:	64378
Ion Ratio	Lower	Upper	
107	100		
109	93.5	65.5	121.6
188	4.0	3.2	4.8



#51

Chlorobenzene

Concen: 5.26 ug/L

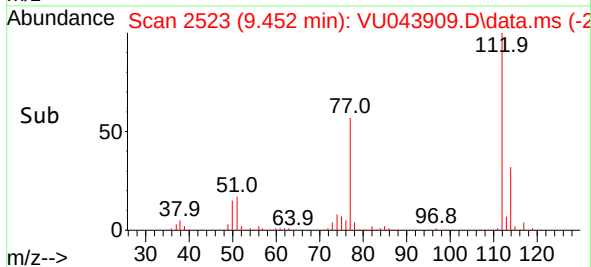
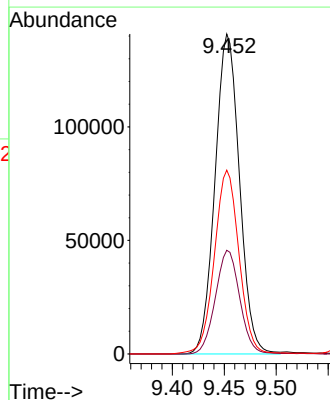
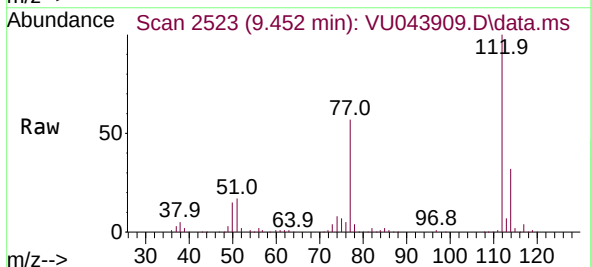
RT: 9.452 min Scan# 2523

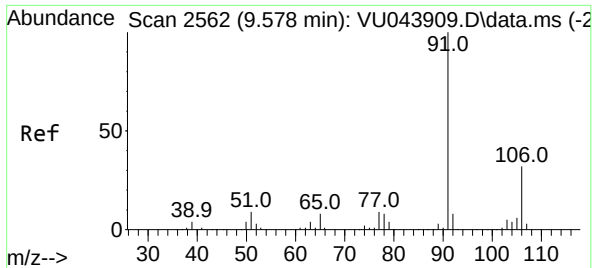
Delta R.T. 0.000 min

Lab File: VU043909.D

Acq: 24 May 2021 14:34

Tgt Ion:	112	Resp:	230780
Ion Ratio	Lower	Upper	
112	100		
114	32.4	22.7	42.1
77	57.4	45.9	68.9

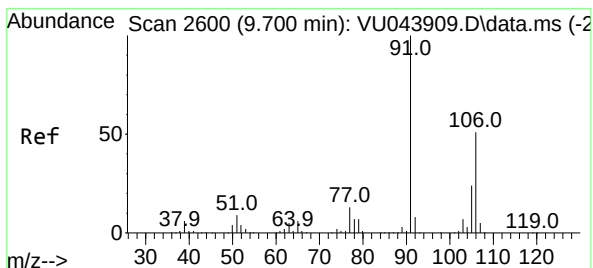
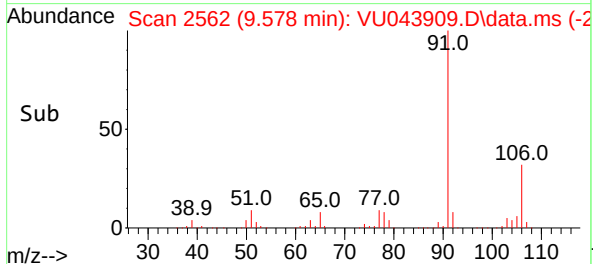
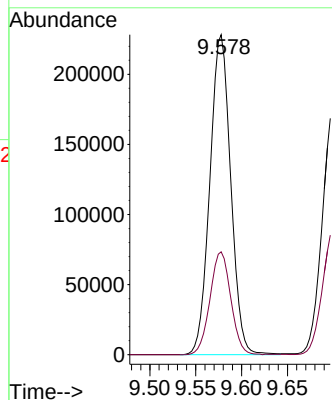
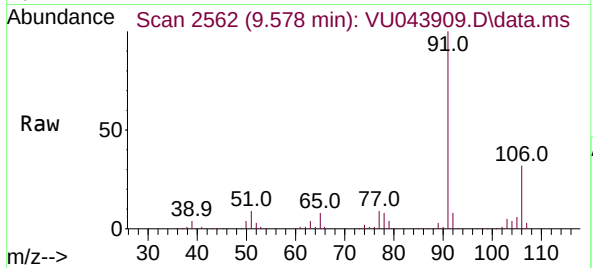




#52
Ethylbenzene
Concen: 5.10 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

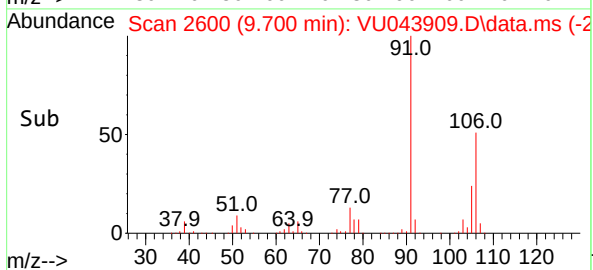
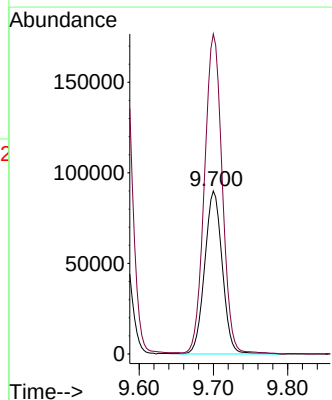
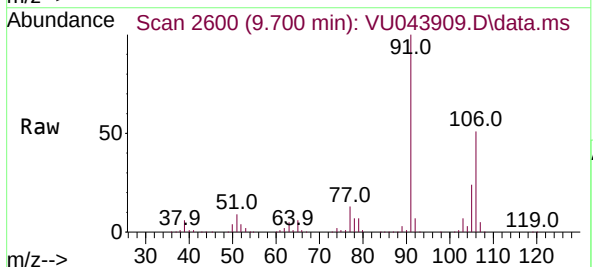
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

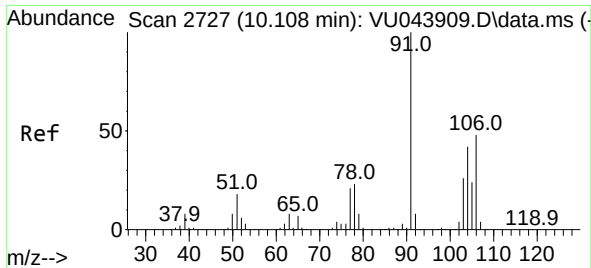
Tgt Ion: 91 Resp: 361328
Ion Ratio Lower Upper
91 100
106 32.1 22.5 41.7



#53
m,p-Xylene
Concen: 5.42 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 106 Resp: 147766
Ion Ratio Lower Upper
106 100
91 196.2 137.3 255.1

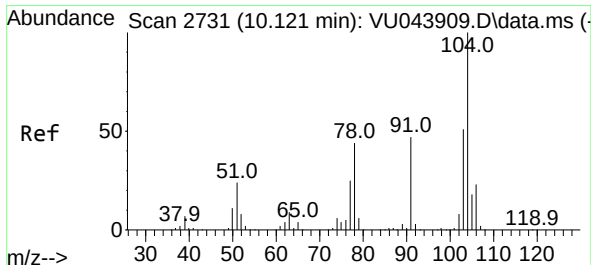
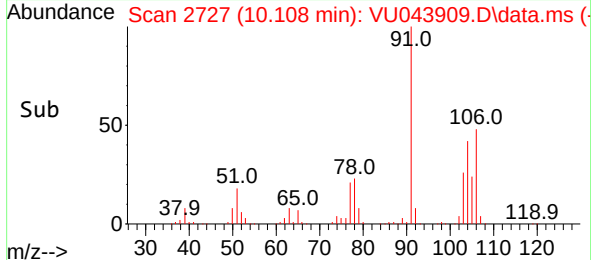
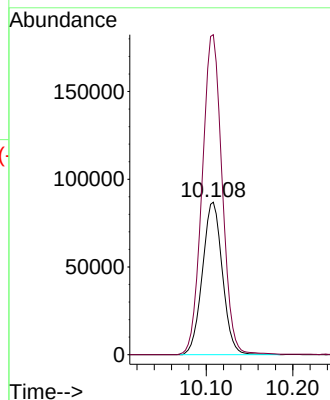
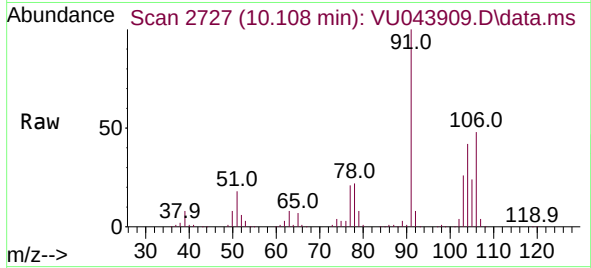




#54
o-Xylene
Concen: 5.37 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

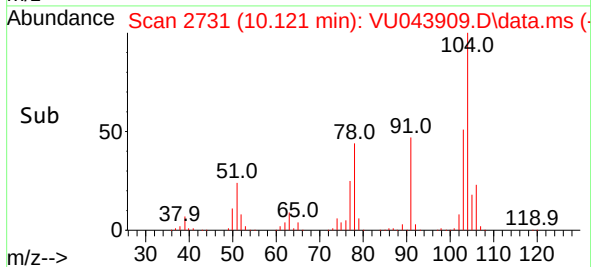
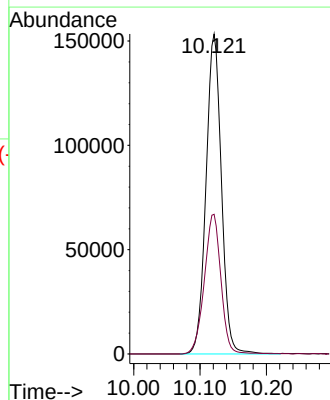
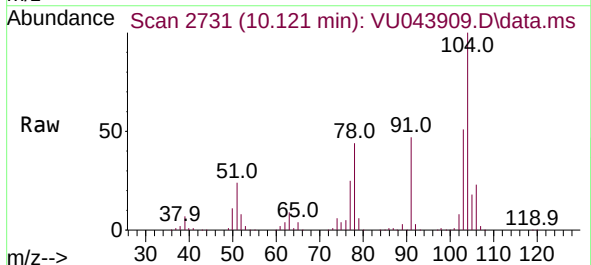
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

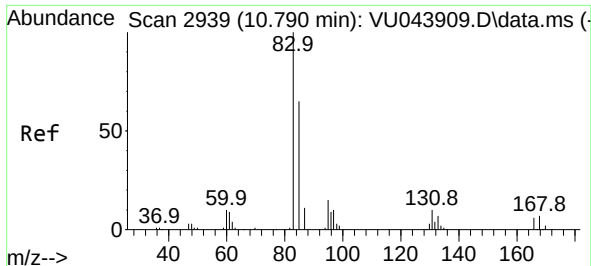
Tgt Ion:106 Resp: 139044
Ion Ratio Lower Upper
106 100
91 209.9 146.9 272.9



#55
Styrene
Concen: 5.61 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion:104 Resp: 247073
Ion Ratio Lower Upper
104 100
78 43.6 30.5 56.7

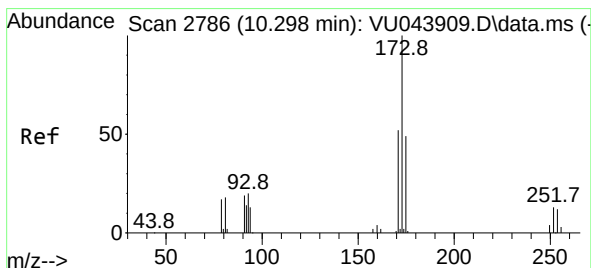
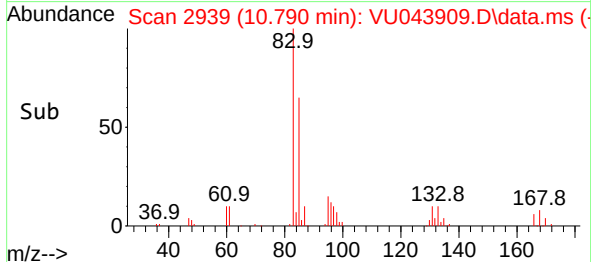
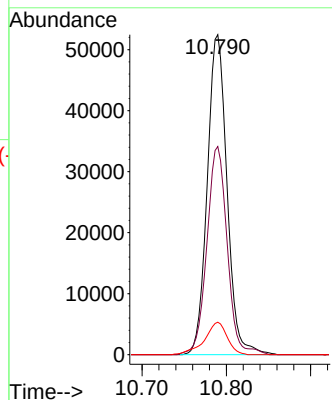
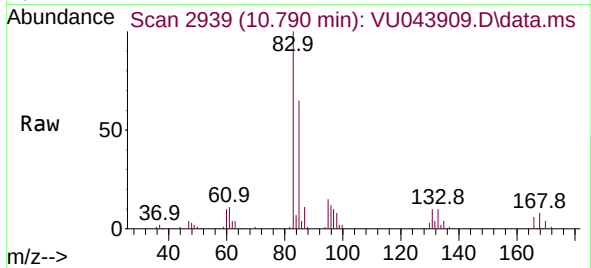




#57
1,1,2,2-Tetrachloroethane
Concen: 5.33 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

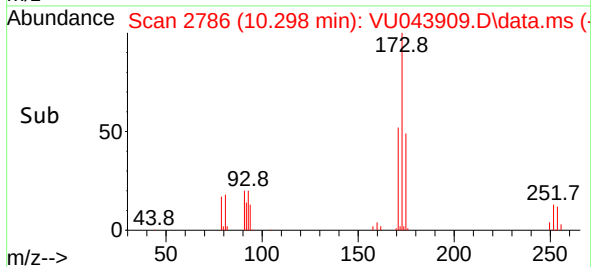
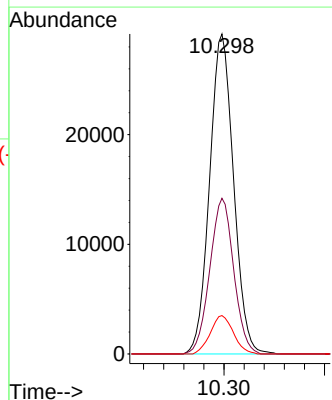
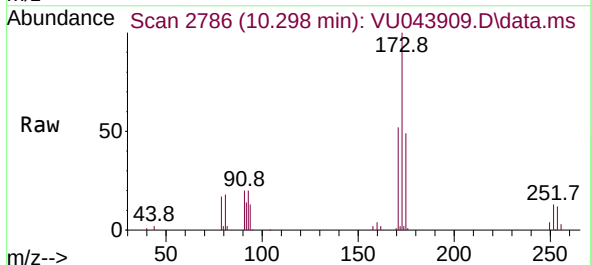
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

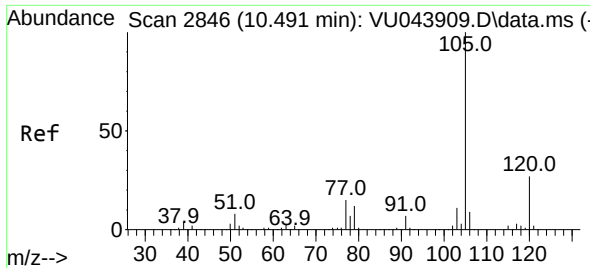
Tgt Ion:	83	Resp:	85620
Ion Ratio	Lower	Upper	
83	100		
85	65.0	45.5	84.5
131	10.1	8.1	12.1



#59
Bromoform
Concen: 5.40 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion:	173	Resp:	48248
Ion Ratio	Lower	Upper	
173	100		
175	48.5	38.8	58.2
254	11.6	9.3	13.9

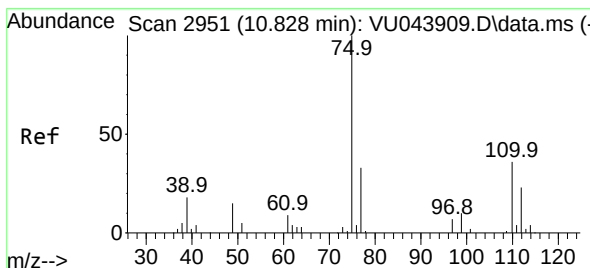
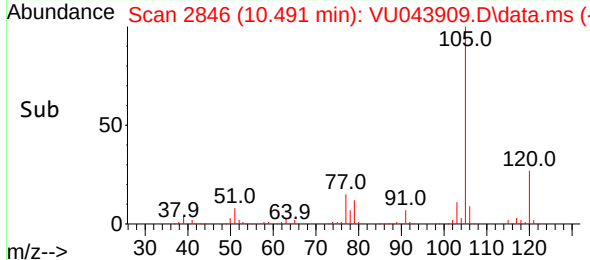
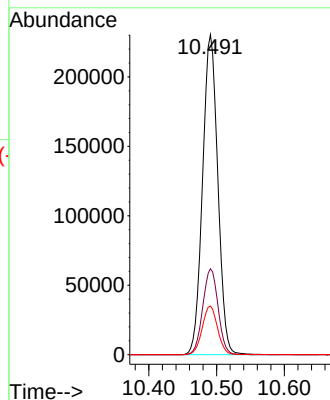
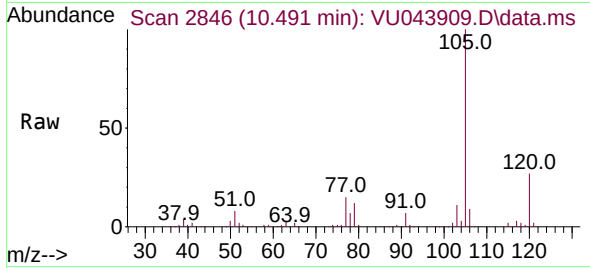




#60
Isopropylbenzene
Concen: 5.06 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

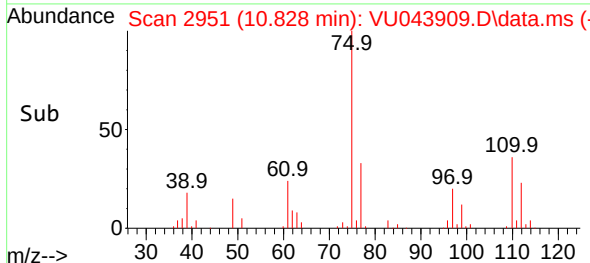
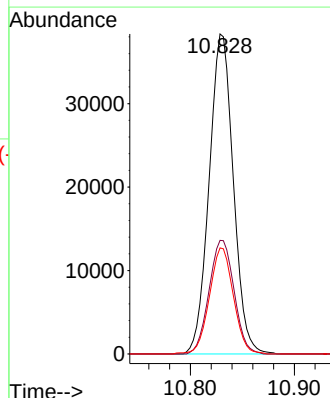
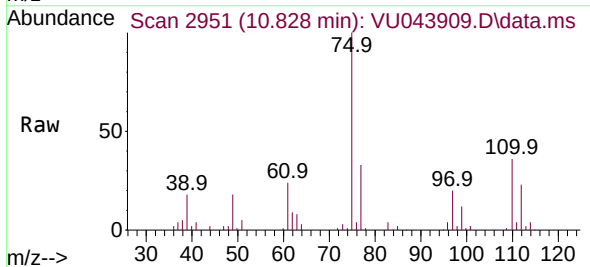
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

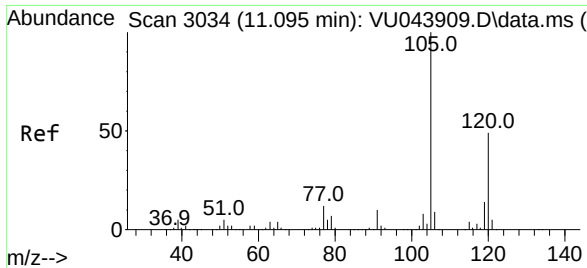
Tgt Ion:105 Resp: 359722
Ion Ratio Lower Upper
105 100
120 27.0 21.6 32.4
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.95 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 75 Resp: 61931
Ion Ratio Lower Upper
75 100
110 36.6 29.3 43.9
77 32.9 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 4.90 ug/L

RT: 11.095 min Scan# 3034

Delta R.T. 0.000 min

Lab File: VU043909.D

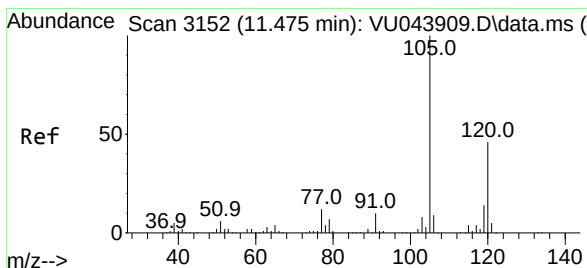
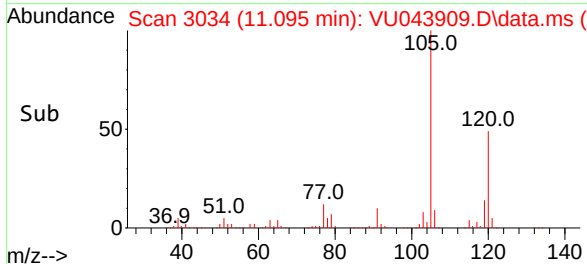
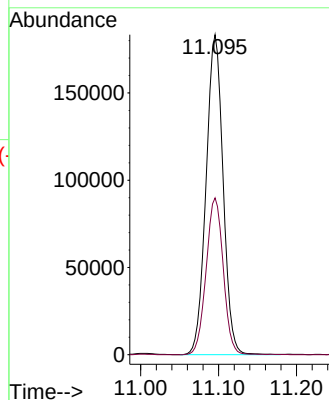
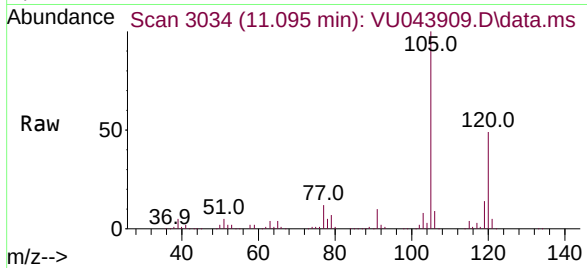
Acq: 24 May 2021 14:34

Tgt Ion:105 Resp: 278331

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 4.99 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VU043909.D

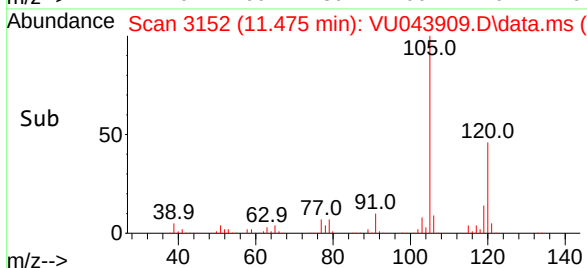
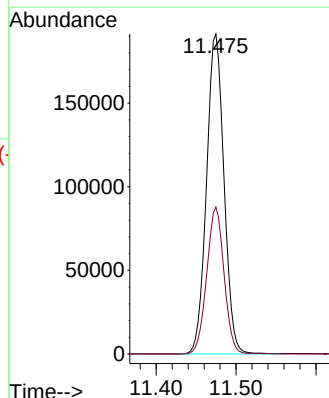
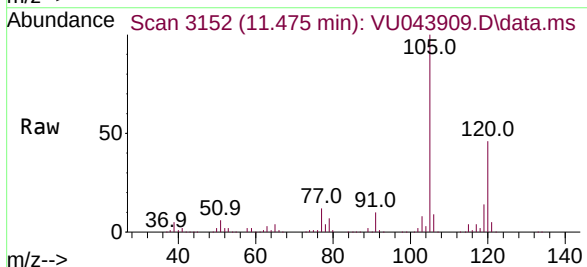
Acq: 24 May 2021 14:34

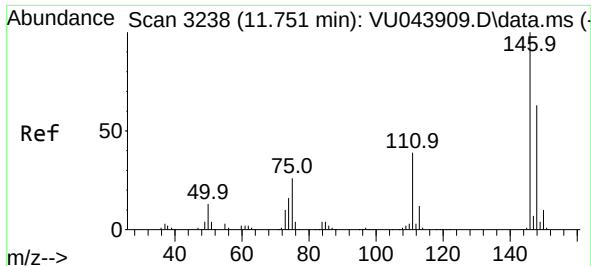
Tgt Ion:105 Resp: 290789

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5

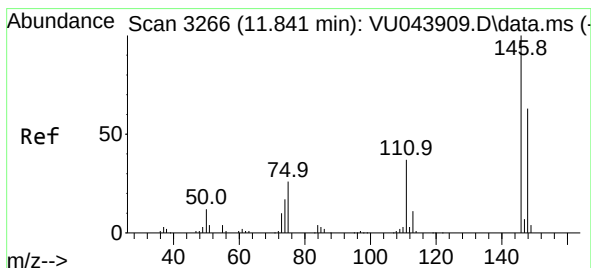
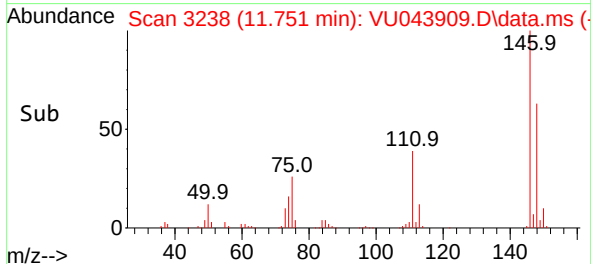
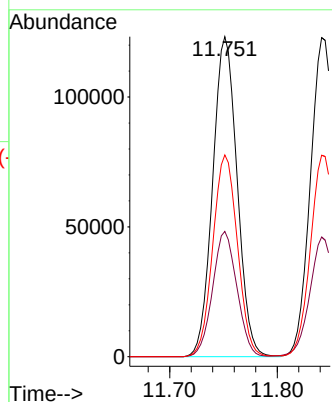
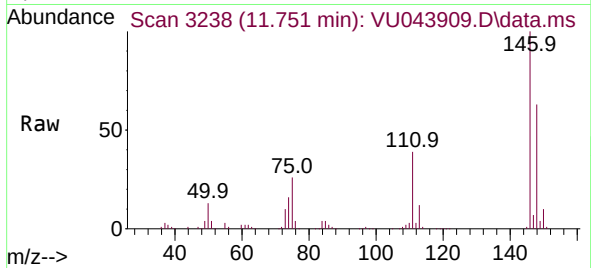




#64
1,3-Dichlorobenzene
Concen: 5.22 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

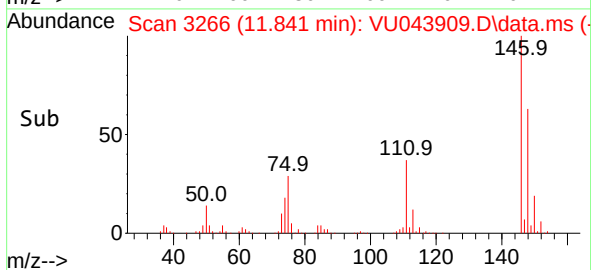
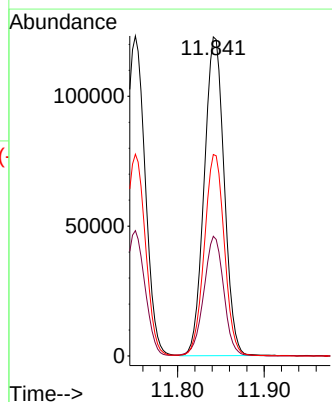
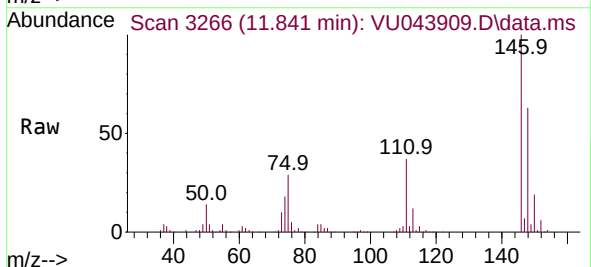
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

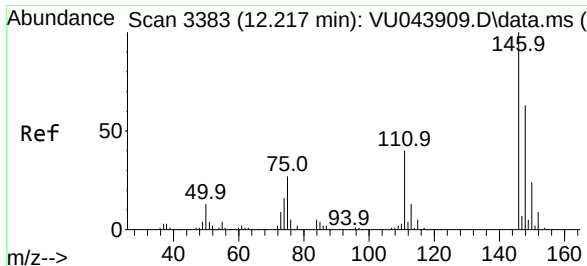
Tgt Ion:146 Resp: 194708
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.24 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion:146 Resp: 196713
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 63.1 44.2 82.0

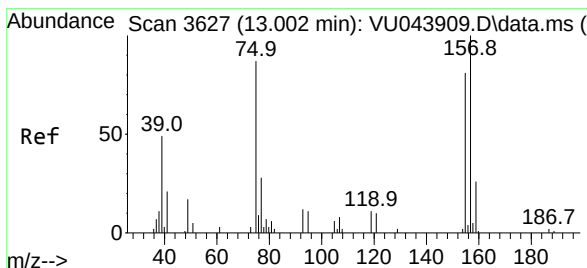
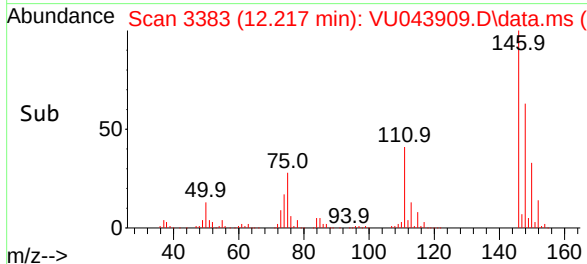
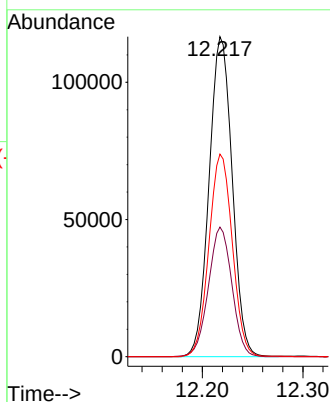
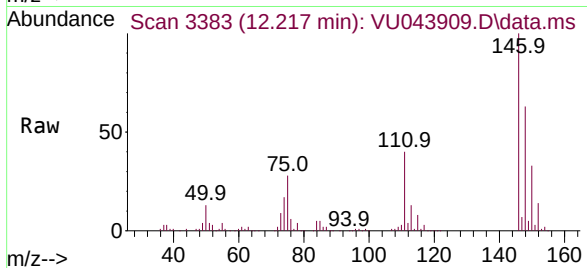




#67
1,2-Dichlorobenzene
Concen: 5.20 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

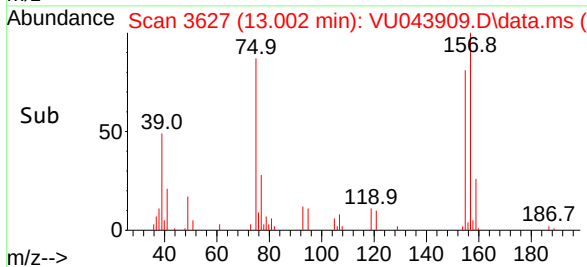
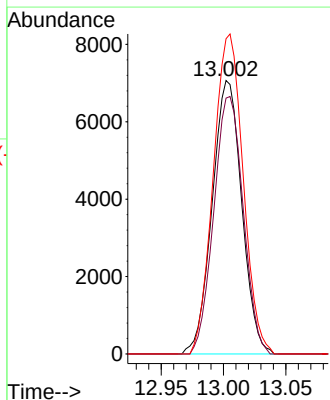
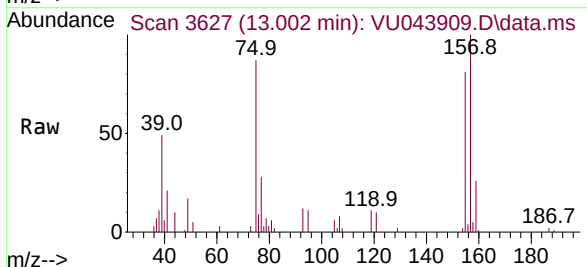
Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

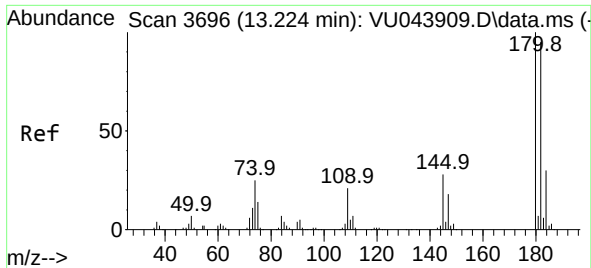
Tgt Ion:146 Resp: 186304
Ion Ratio Lower Upper
146 100
111 40.5 32.4 48.6
148 63.3 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.59 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion: 75 Resp: 11666
Ion Ratio Lower Upper
75 100
155 93.6 74.9 112.3
157 115.3 92.2 138.4

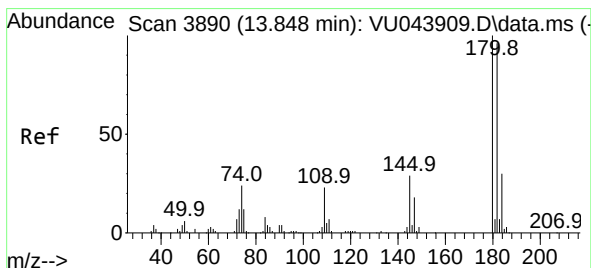
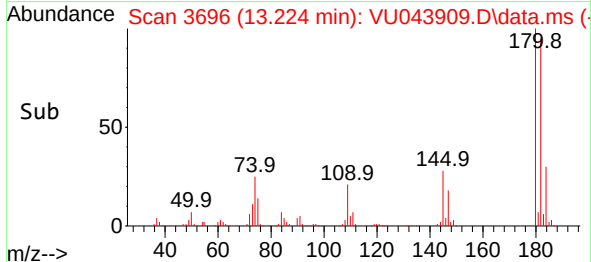
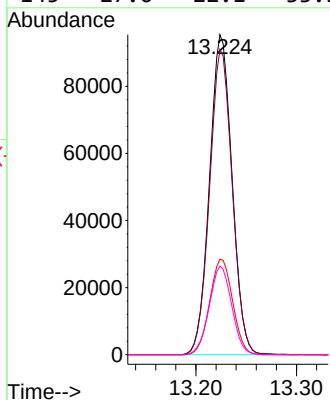
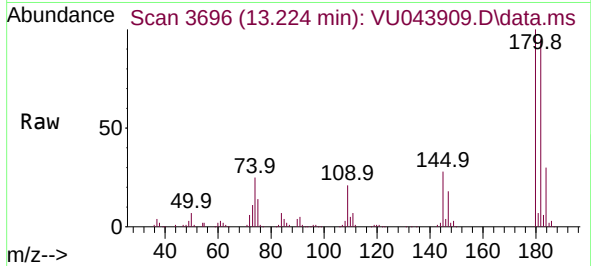




#69
 1,3,5-Trichlorobenzene
 Concen: 4.98 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU043909.D
 Acq: 24 May 2021 14:34

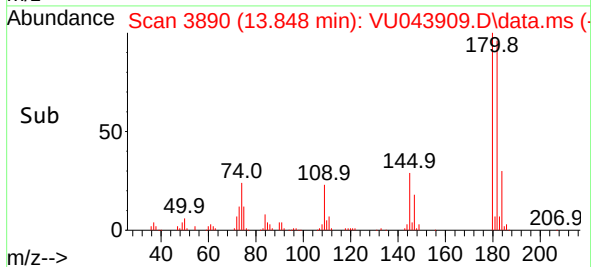
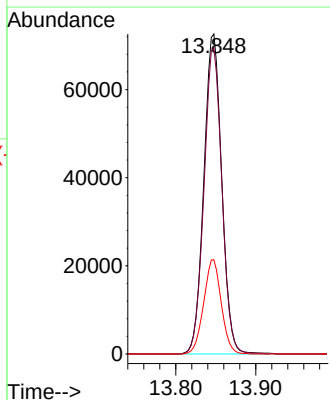
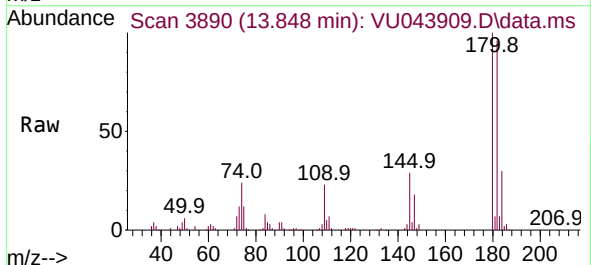
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

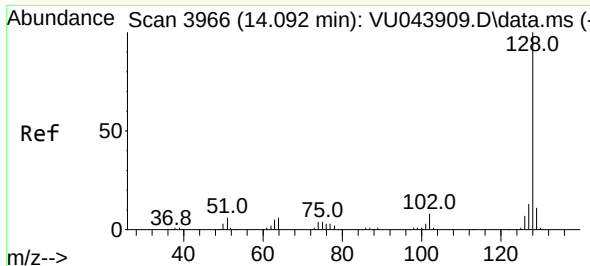
Tgt Ion:	180	Resp:	148132
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.6	115.0
184	30.5	24.4	36.6
145	27.6	22.1	33.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.68 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043909.D
 Acq: 24 May 2021 14:34

Tgt Ion:	180	Resp:	113227
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
145	29.0	23.2	34.8

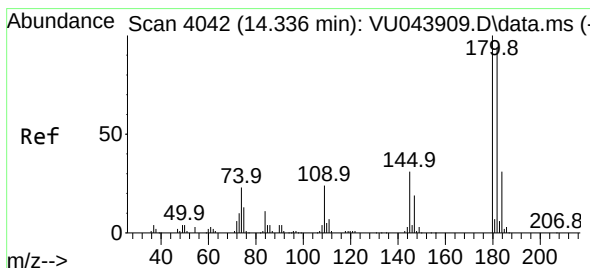
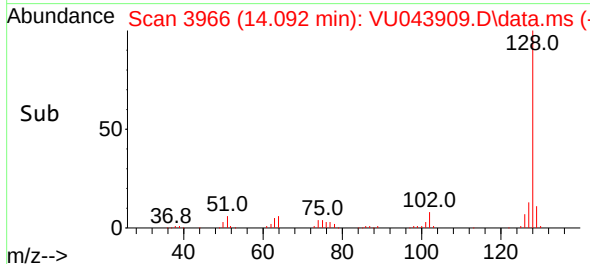
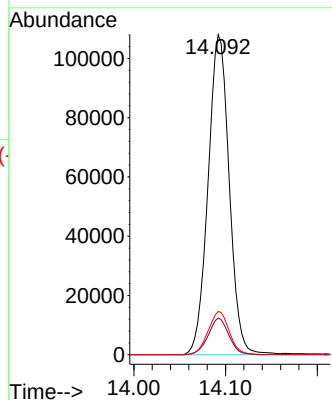
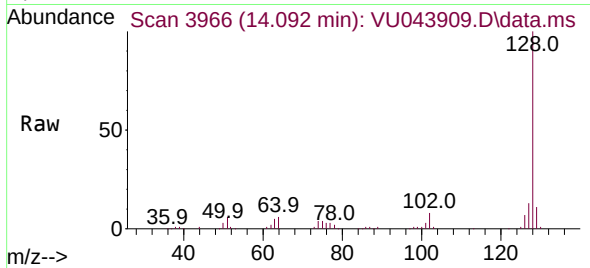




#71
Naphthalene
Concen: 4.13 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

Tgt Ion:	128	Resp:	173345
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.9	13.3
127	13.4	10.7	16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.89 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043909.D
Acq: 24 May 2021 14:34

Tgt Ion:	180	Resp:	113251
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.0	112.4
145	30.1	24.1	36.1

