

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043475.D
 Acq On : 30 Apr 2021 15:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 16:10:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88548	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	87547	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46471	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19036	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.919	69	19462	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.572	65	12601	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.655	46	115448	58.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.92%
24) Chloroform-d	5.073	84	61513	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.713	65	37356	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.735	84	105001	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.700	67	37189	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.906	98	96495	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloroprop...	8.186	79	14125	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.642	63	73742	49.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31898	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	35675	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	30565	5.38	ug/L	98
3) Chloromethane	1.520	50	30760	5.51	ug/L	95
5) Vinyl chloride	1.607	62	30060	5.17	ug/L	99
6) Bromomethane	1.861	94	12808	3.69	ug/L	97
8) Chloroethane	1.938	64	17566	4.19	ug/L	99
9) Trichlorofluoromethane	2.144	101	47117	4.35	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	29003	4.96	ug/L	97
12) 1,1-Dichloroethene	2.584	96	25639	5.21	ug/L	81
13) Acetone	2.668	43	77850	53.65	ug/L	88
14) Carbon disulfide	2.797	76	62159	4.95	ug/L	97
15) Methyl Acetate	2.967	43	16409	6.01	ug/L	# 86
16) Methylene chloride	3.054	84	33668	5.29	ug/L	81
17) Methyl tert-butyl Ether	3.375	73	71837	4.46	ug/L	# 89
18) trans-1,2-Dichloroethene	3.359	96	26059	4.97	ug/L	89
19) 1,1-Dichloroethane	3.880	63	61824	5.41	ug/L	98
21) 2-Butanone	4.736	43	126654	52.88	ug/L	82
22) cis-1,2-Dichloroethene	4.674	96	29940	4.82	ug/L	84
23) Bromochloromethane	4.983	128	14613	5.16	ug/L	# 70
25) Chloroform	5.096	83	64655	5.31	ug/L	97

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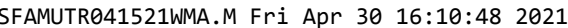
Instrument :
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 ClientSampleId :

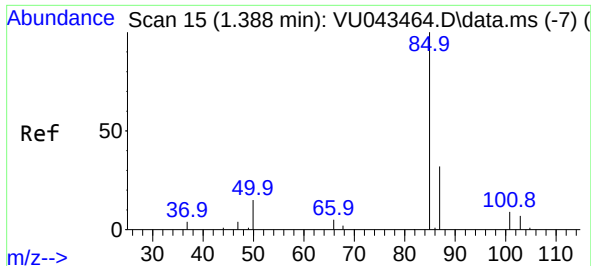
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	45812	5.13	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	51965	4.81	ug/L #	91
30) Cyclohexane	5.398	56	42086	4.54	ug/L	84
31) Carbon tetrachloride	5.533	117	42308	4.70	ug/L	100
33) Benzene	5.784	78	120973	5.17	ug/L	100
34) Trichloroethene	6.552	95	30799	4.78	ug/L	93
35) Methylcyclohexane	6.771	83	37927	4.25	ug/L #	83
37) 1,2-Dichloropropane	6.800	63	36401	5.52	ug/L #	97
38) Bromodichloromethane	7.112	83	45083	5.10	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	45351	4.71	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	304367	51.62	ug/L #	82
42) Toluene	7.977	91	127495	4.87	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	41472	4.57	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	24686	5.01	ug/L	93
47) Tetrachloroethene	8.562	164	22418	4.39	ug/L	95
48) 2-Hexanone	8.694	43	233757	53.88	ug/L #	83
49) Dibromochloromethane	8.819	129	29124	4.69	ug/L	99
50) 1,2-Dibromoethane	8.931	107	23171	4.73	ug/L	100
51) Chlorobenzene	9.452	112	78778	4.72	ug/L	93
52) Ethylbenzene	9.578	91	133843	4.47	ug/L	96
53) m,p-Xylene	9.700	106	49338	4.50	ug/L	93
54) o-Xylene	10.108	106	48374	4.46	ug/L	88
55) Styrene	10.121	104	86117	4.63	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.790	83	33356	5.15	ug/L	98
59) Bromoform	10.298	173	17216	4.53	ug/L #	96
60) Isopropylbenzene	10.491	105	130887	4.39	ug/L #	96
61) 1,2,3-Trichloropropane	10.832	75	24237	5.05	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	102932	4.22	ug/L	93
63) 1,2,4-Trimethylbenzene	11.475	105	102955	4.11	ug/L	96
64) 1,3-Dichlorobenzene	11.755	146	66030	4.66	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	66044	4.60	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	63391	4.61	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	5449	4.66	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.227	180	50063	4.31	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	39395	4.10	ug/L	98
71) Naphthalene	14.095	128	70082	4.32	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	39761	4.51	ug/L	99

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

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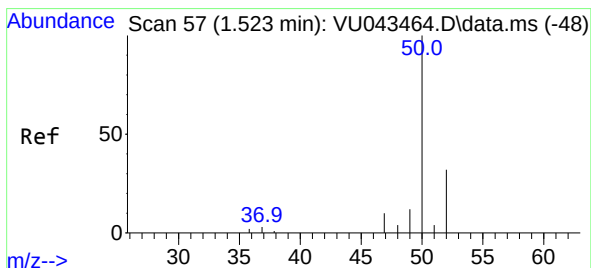
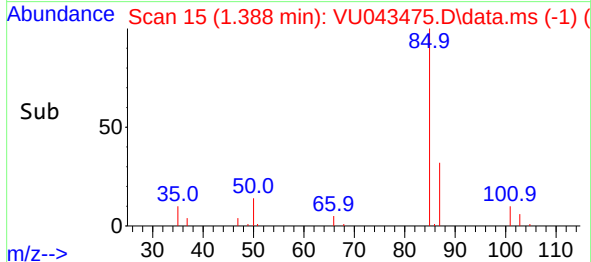
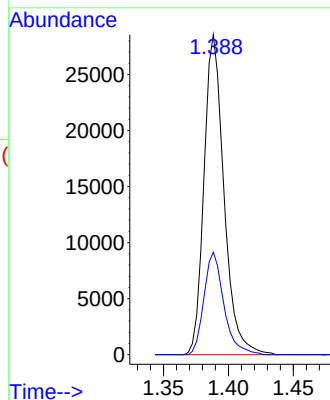
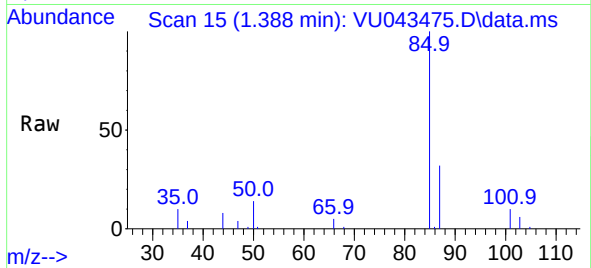




#2
Dichlorodifluoromethane
Concen: 5.38 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

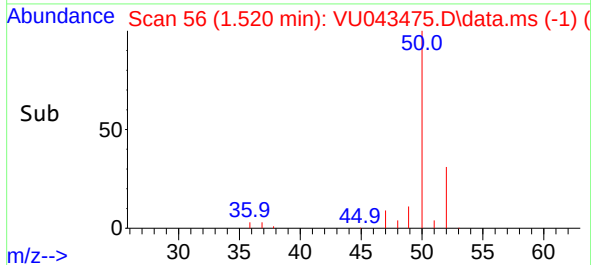
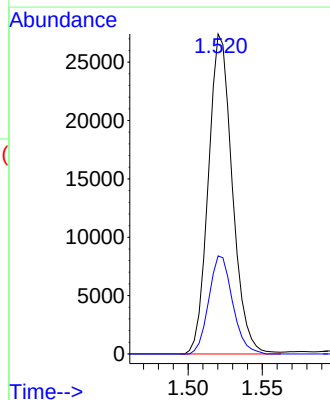
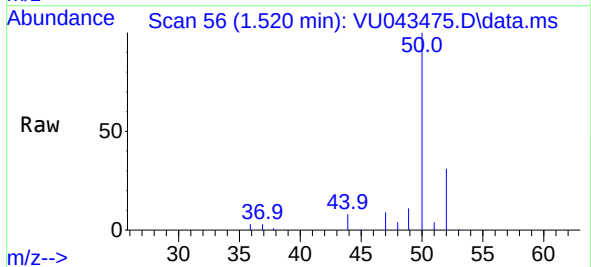
Instrument :
MSVOA_U
ClientSampleId :

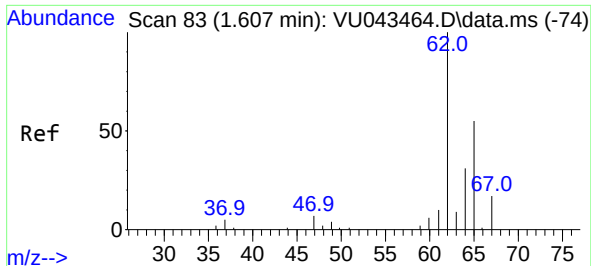
Tgt Ion: 85 Resp: 30565
Ion Ratio Lower Upper
85 100
87 31.9 26.3 39.5



#3
Chloromethane
Concen: 5.51 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 50 Resp: 30760
Ion Ratio Lower Upper
50 100
52 30.6 23.6 43.8

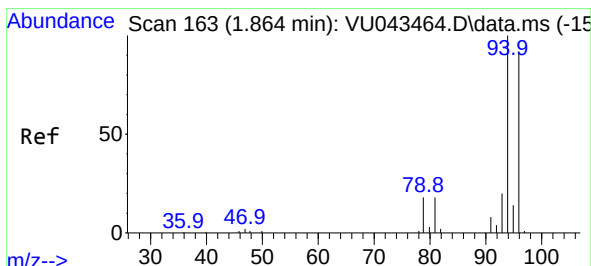
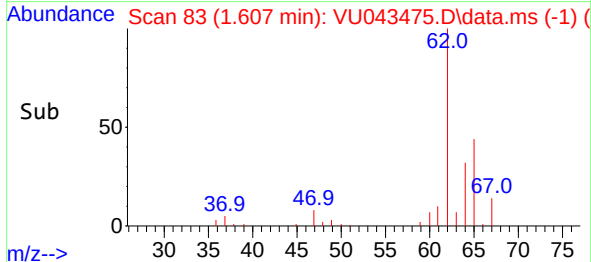
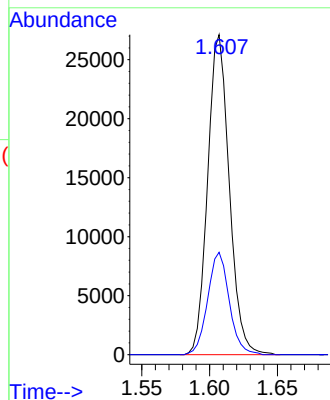
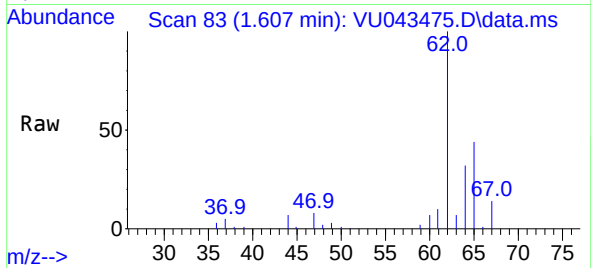




#5
 Vinyl chloride
 Concen: 5.17 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043475.D
 Acq: 30 Apr 2021 15:48

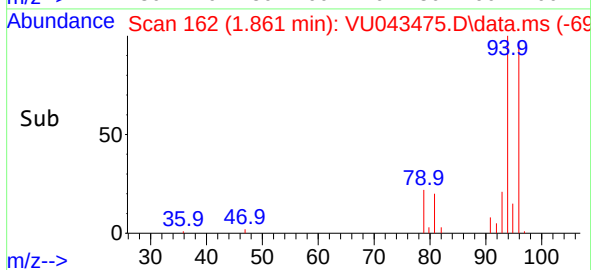
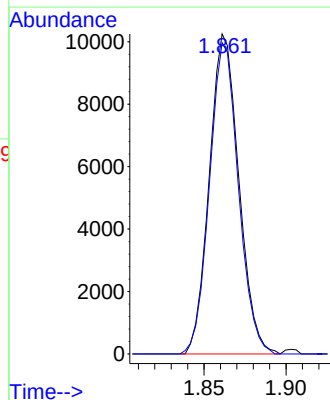
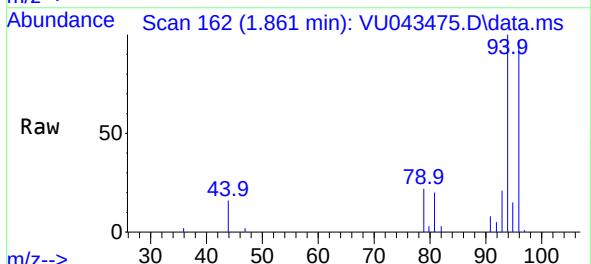
Instrument :
 MSVOA_U
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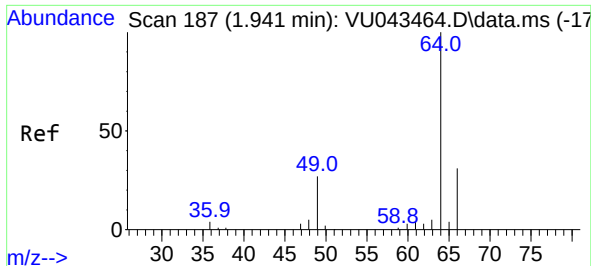
Tgt Ion: 62 Resp: 30060
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.8 42.4



#6
 Bromomethane
 Concen: 3.69 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043475.D
 Acq: 30 Apr 2021 15:48

Tgt Ion: 94 Resp: 12808
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.1 122.7

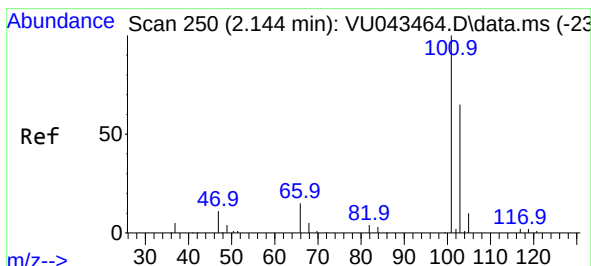
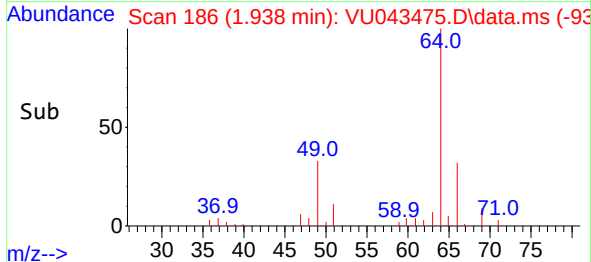
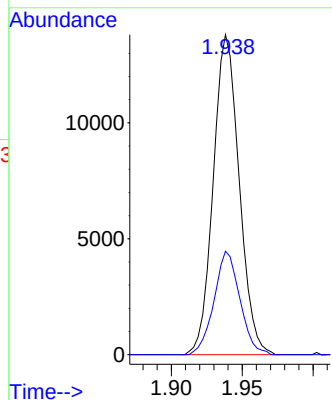
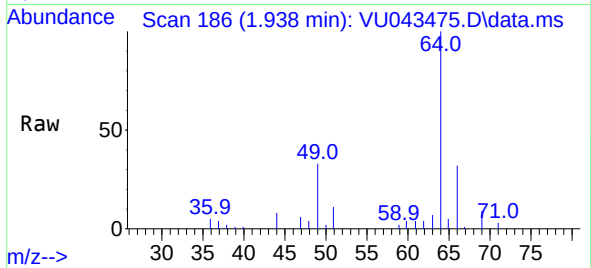




#8
Chloroethane
Concen: 4.19 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

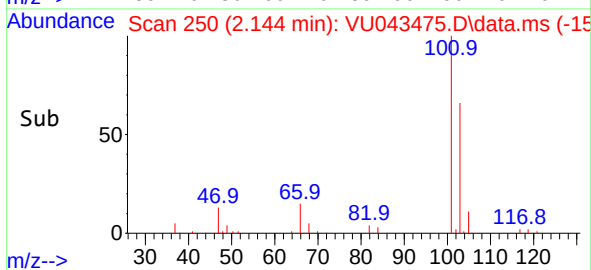
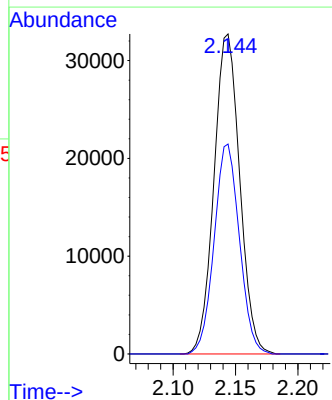
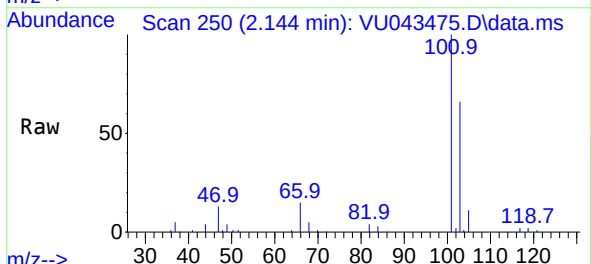
Instrument :
MSVOA_U
ClientSampled :

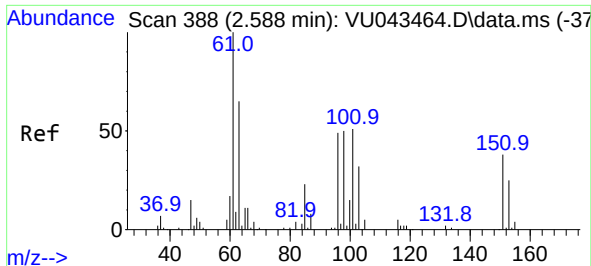
Tgt Ion: 64 Resp: 17566
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.35 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:101 Resp: 47117
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

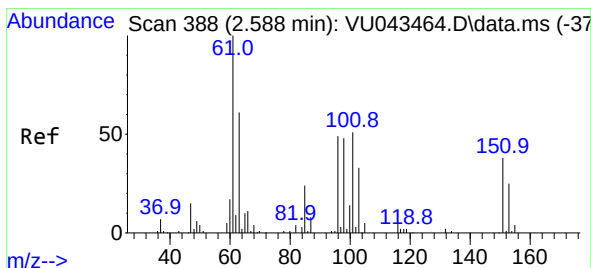
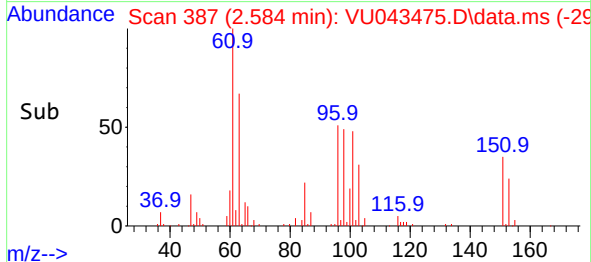
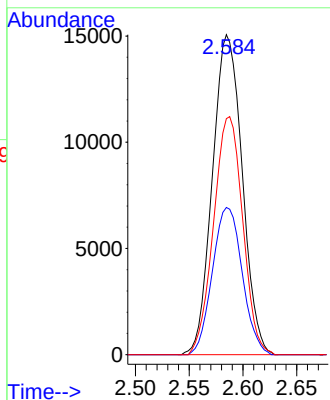
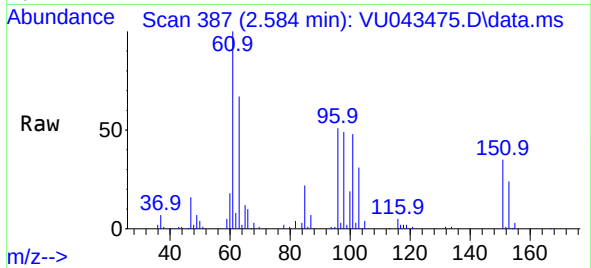




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.96 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

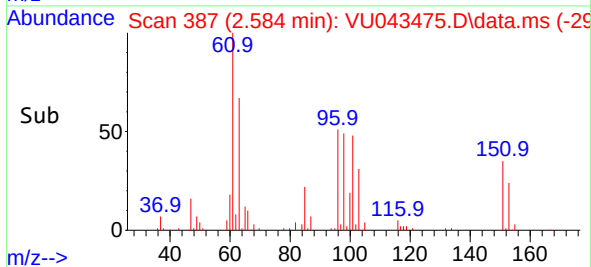
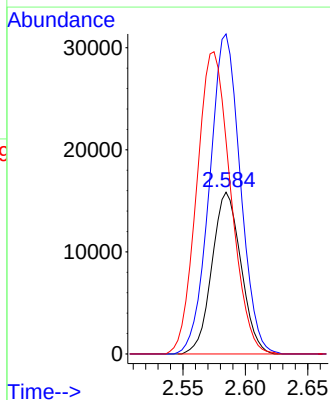
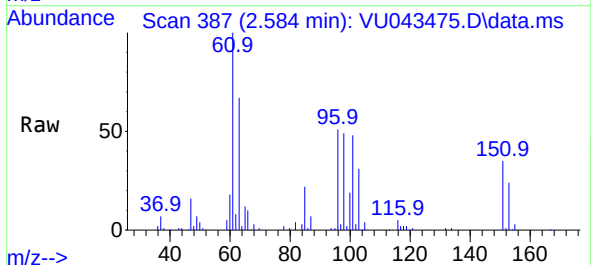
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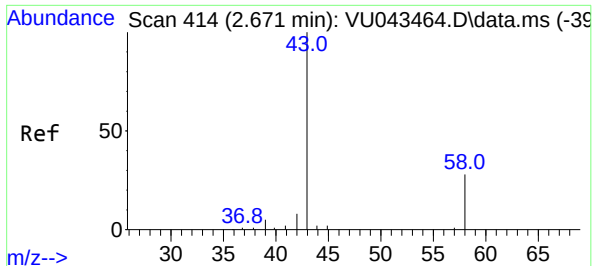
Tgt Ion:101 Resp: 29003
Ion Ratio Lower Upper
101 100
85 46.1 34.5 51.7
151 72.9 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.21 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 96 Resp: 25639
Ion Ratio Lower Upper
96 100
61 197.8 115.1 213.7
63 131.9 84.1 156.1

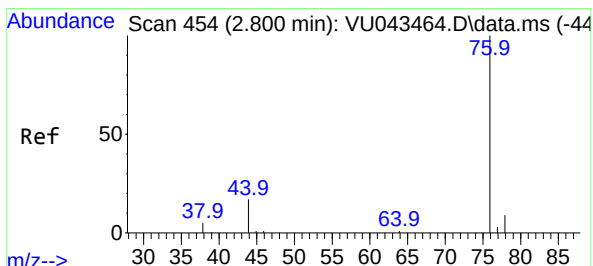
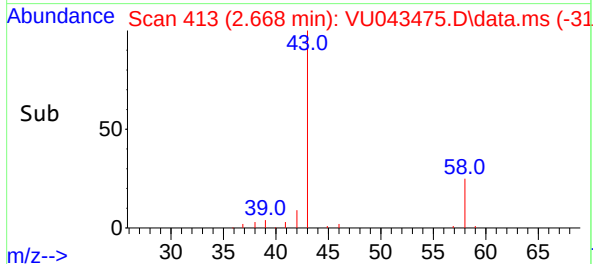
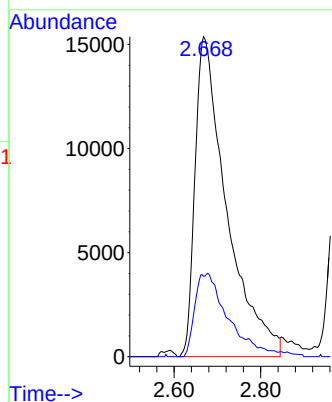
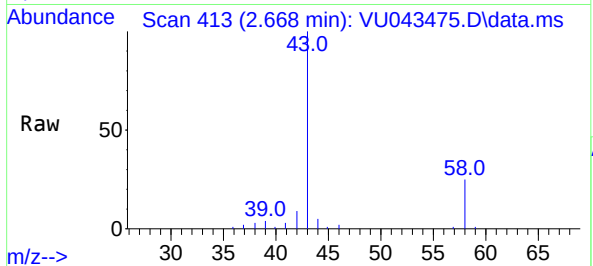




#13
Acetone
Concen: 53.65 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.007 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

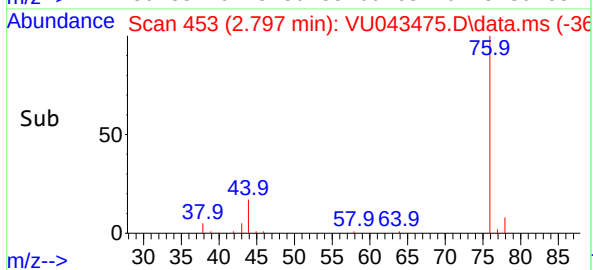
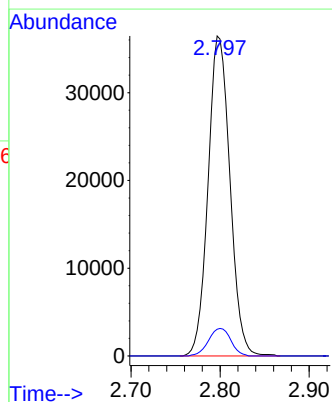
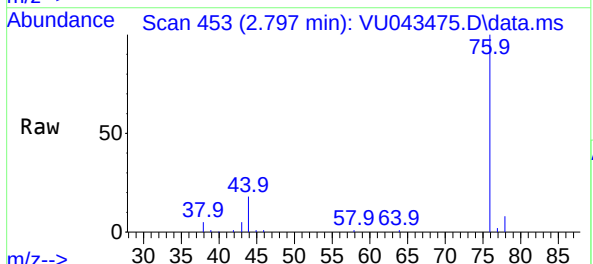
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ClientSampleId :

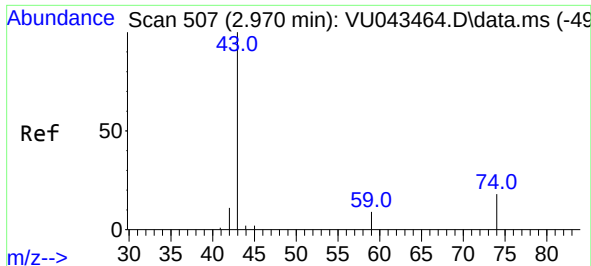
Tgt Ion: 43 Resp: 77850
Ion Ratio Lower Upper
43 100
58 7.7 0.0 25.0



#14
Carbon disulfide
Concen: 4.95 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 76 Resp: 62159
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

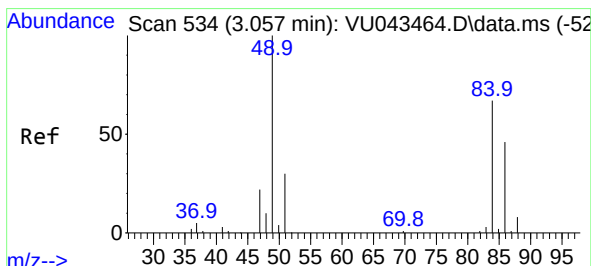
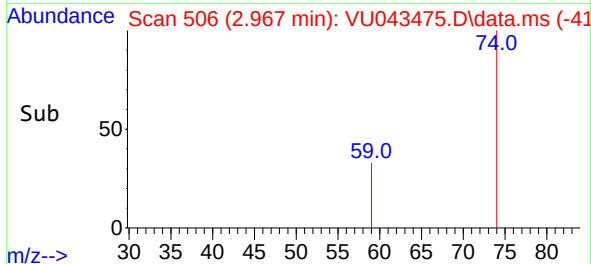
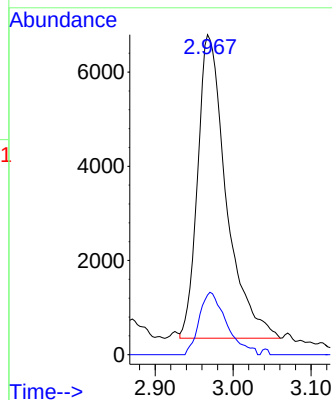
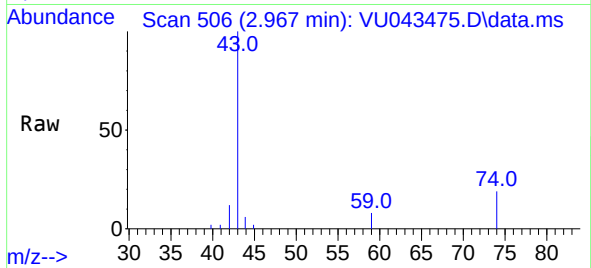




#15
Methyl Acetate
Concen: 6.01 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

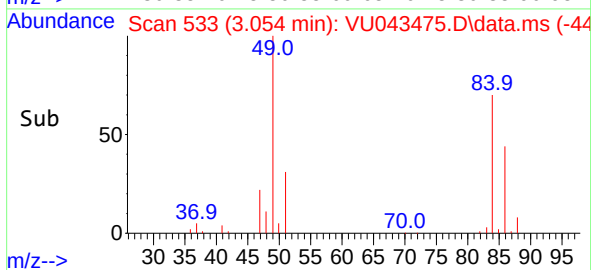
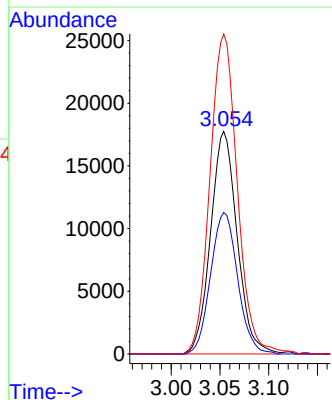
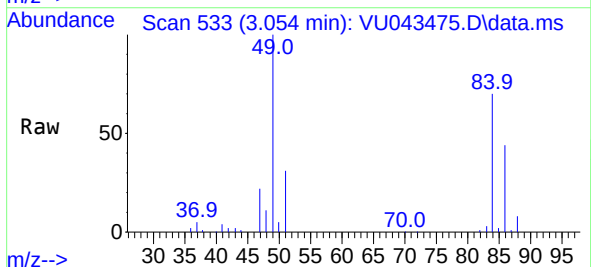
Instrument :
MSVOA_U
ClientSampleId :

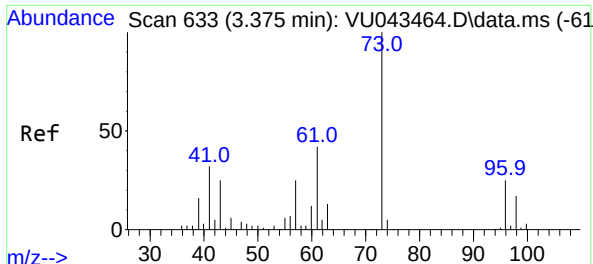
Tgt Ion: 43 Resp: 16409
Ion Ratio Lower Upper
43 100
74 19.7 21.5 32.3#



#16
Methylene chloride
Concen: 5.29 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 84 Resp: 33668
Ion Ratio Lower Upper
84 100
86 63.6 44.9 83.5
49 143.8 79.0 146.8



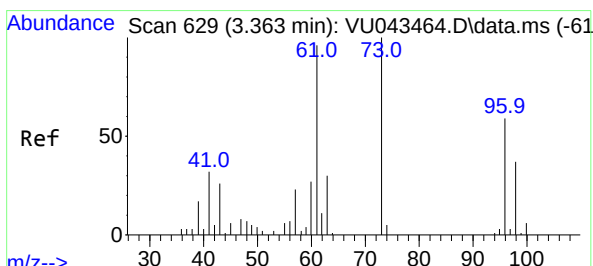
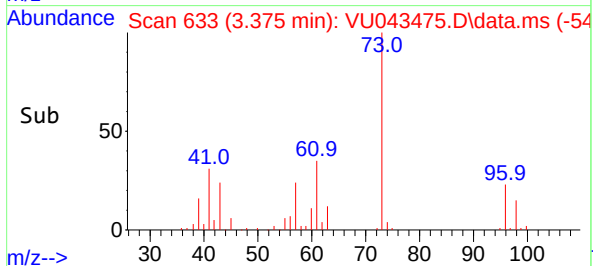
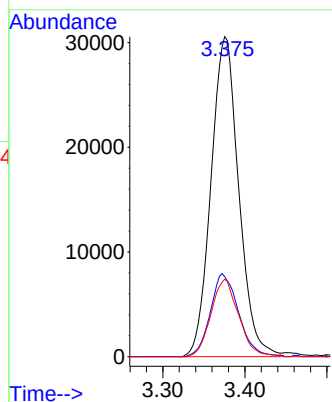
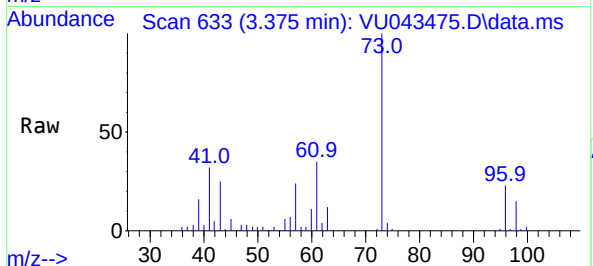


#17
Methyl tert-butyl Ether
Concen: 4.46 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 71837

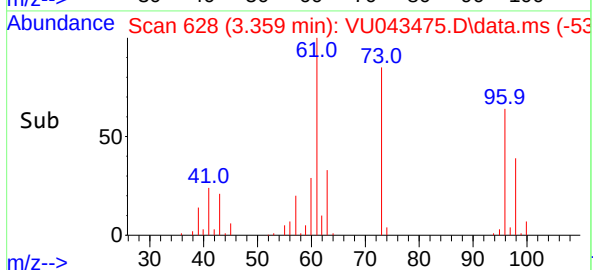
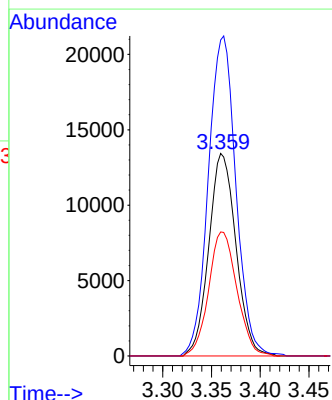
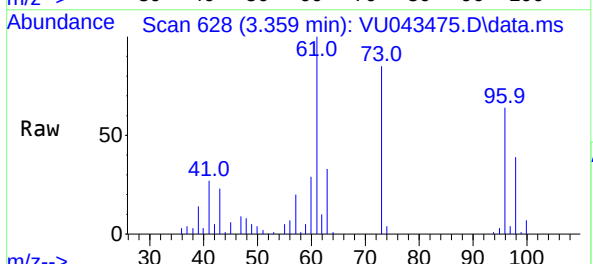
Ion	Ratio	Lower	Upper
73	100		
43	26.4	15.0	22.4#
57	24.1	17.3	25.9

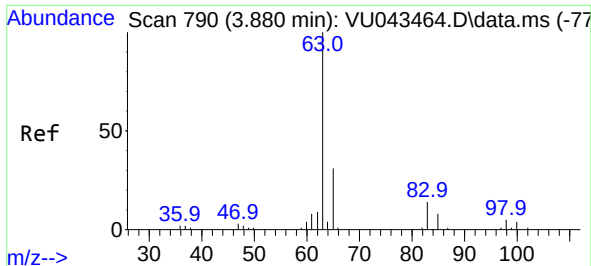


#18
trans-1,2-Dichloroethene
Concen: 4.97 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 96 Resp: 26059

Ion	Ratio	Lower	Upper
96	100		
61	156.0	96.6	179.4
98	61.2	44.7	82.9

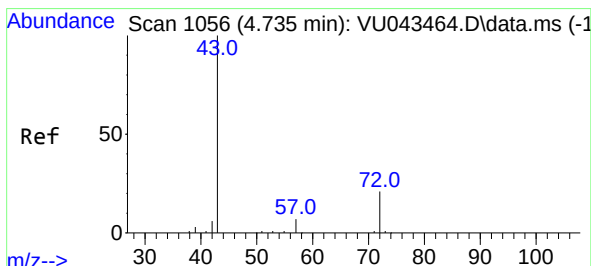
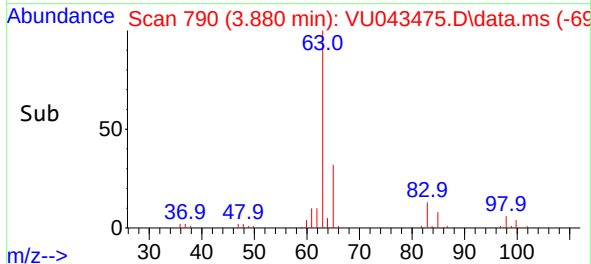
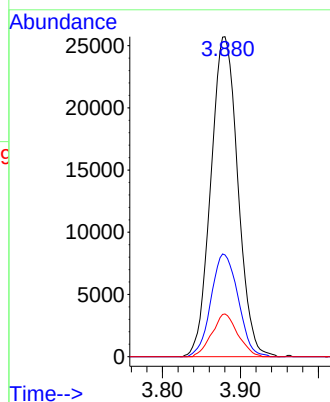
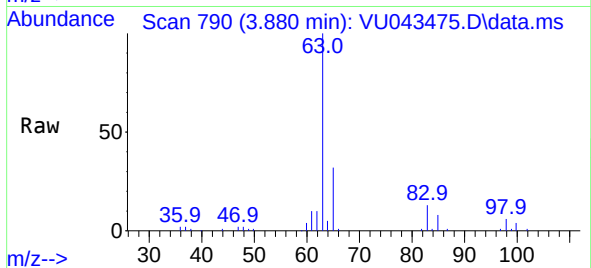




#19
1,1-Dichloroethane
Concen: 5.41 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

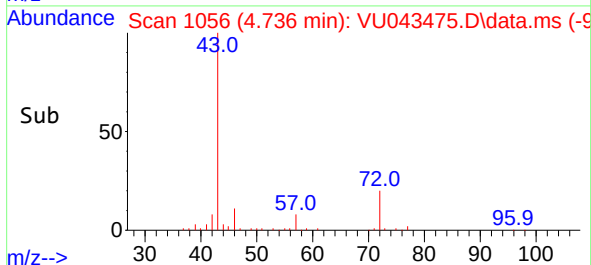
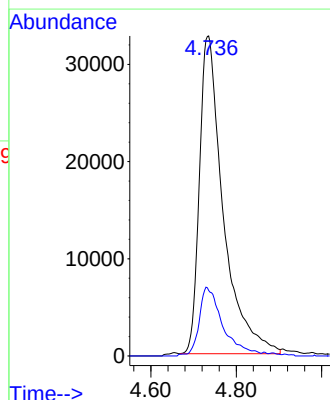
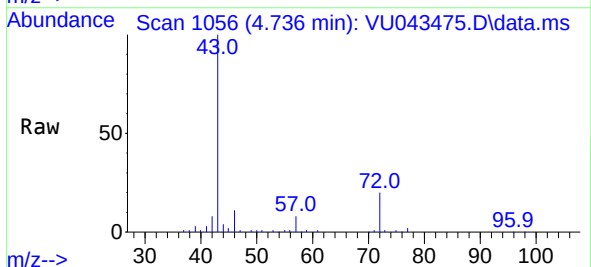
Instrument :
MSVOA_U
ClientSampled :

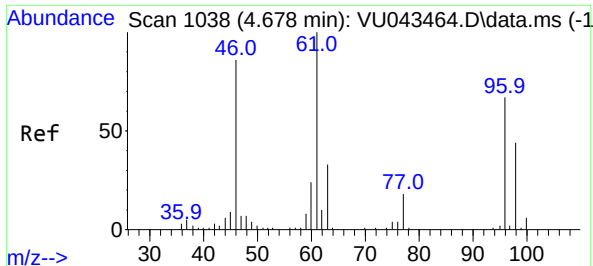
Tgt Ion:	63	Resp:	61824
Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.2	43.0
83	13.3	9.9	18.3



#21
2-Butanone
Concen: 52.88 ug/L
RT: 4.736 min Scan# 1056
Delta R.T. 0.007 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:	43	Resp:	126654
Ion	Ratio	Lower	Upper
43	100		
72	21.5	15.8	47.3

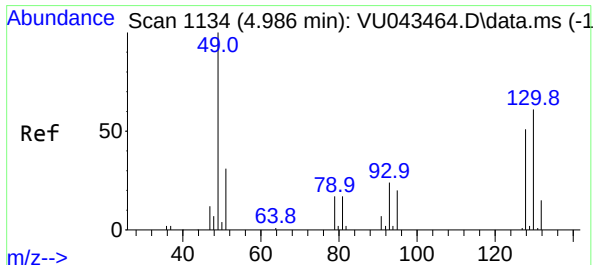
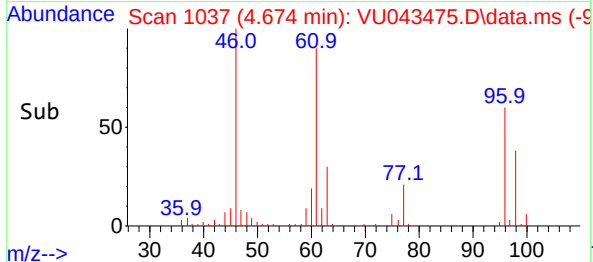
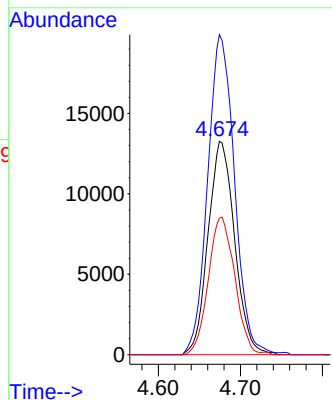
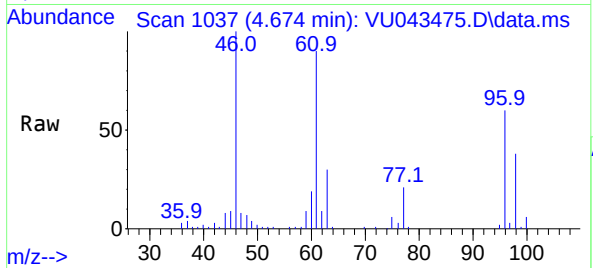




#22
cis-1,2-Dichloroethene
Concen: 4.82 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

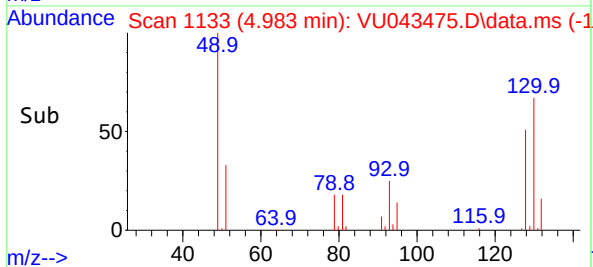
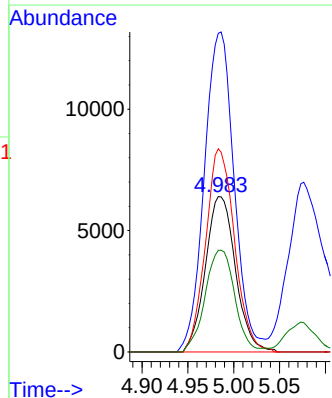
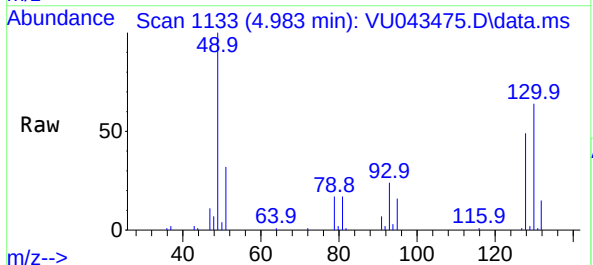
Instrument :
MSVOA_U
ClientSampleId :

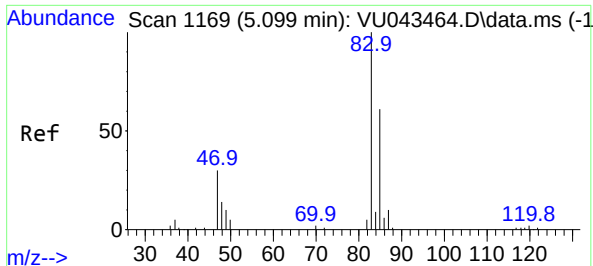
Tgt Ion: 96 Resp: 29940
Ion Ratio Lower Upper
96 100
61 150.0 87.4 162.4
98 64.0 47.7 88.5



#23
Bromochloromethane
Concen: 5.16 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:128 Resp: 14613
Ion Ratio Lower Upper
128 100
49 205.1 96.4 179.0#
130 130.7 91.2 169.4
51 65.4 35.0 52.6#



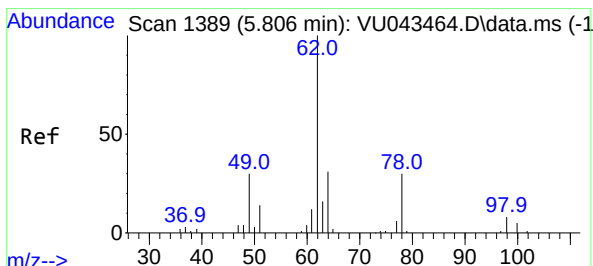
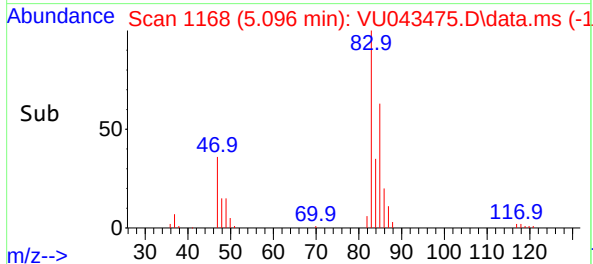
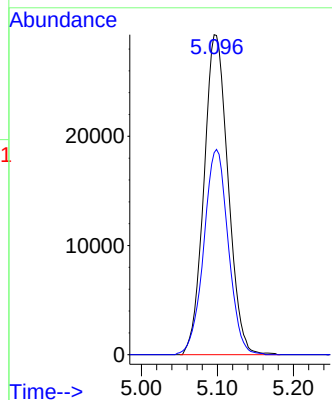
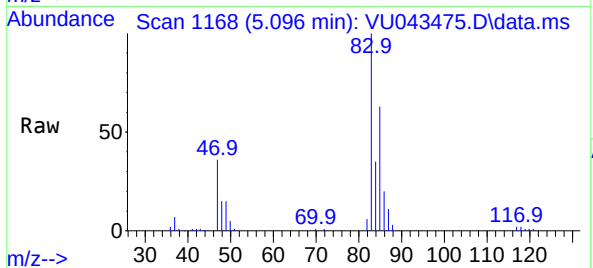


#25

Chloroform
Concen: 5.31 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Instrument :
MSVOA_U
ClientSampleId :

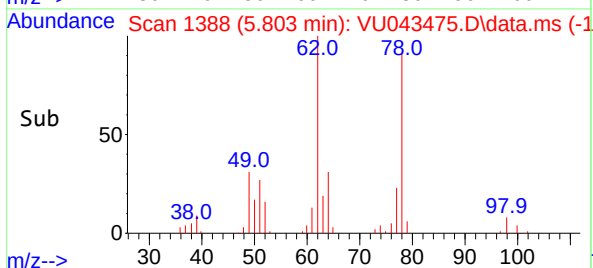
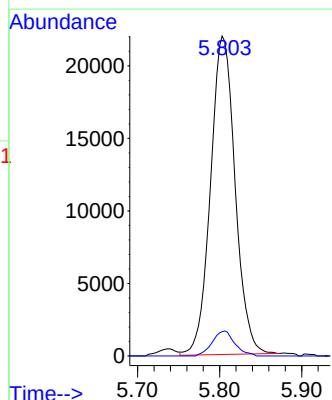
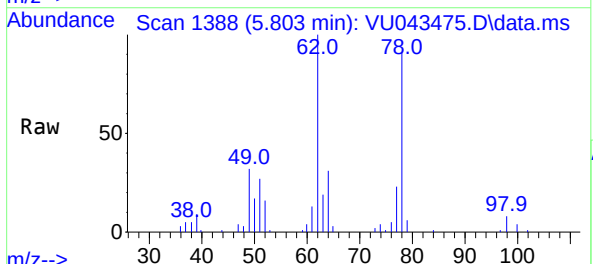
Tgt Ion: 83 Resp: 64655
Ion Ratio Lower Upper
83 100
85 63.1 45.6 84.8

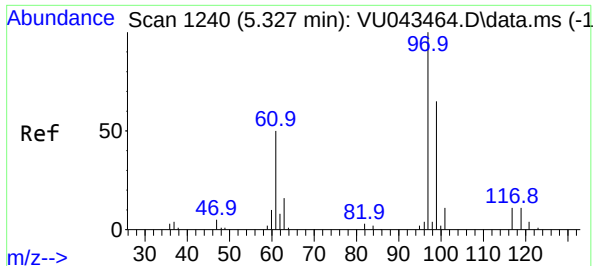


#27

1,2-Dichloroethane
Concen: 5.13 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 62 Resp: 45812
Ion Ratio Lower Upper
62 100
98 7.6 7.5 11.3

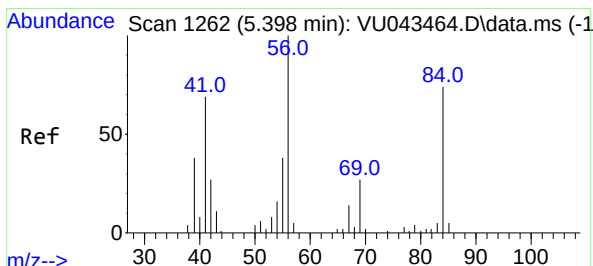
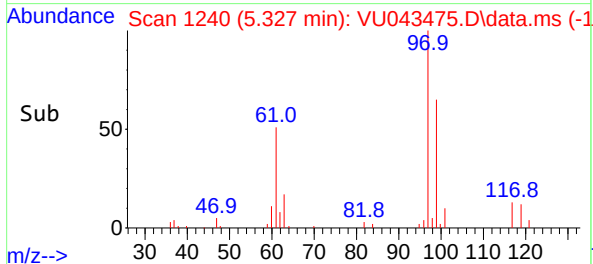
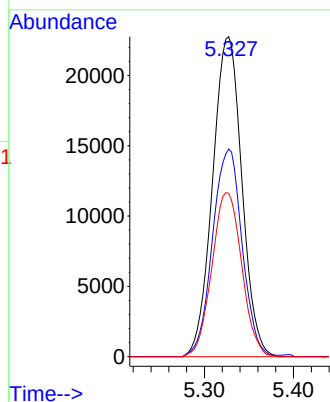
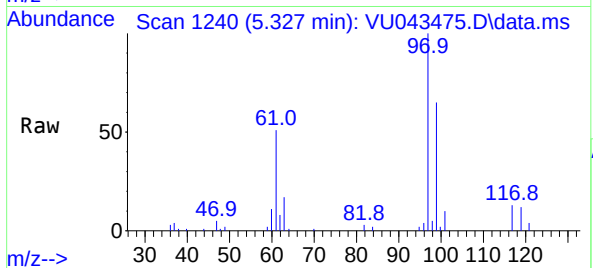




#29
1,1,1-Trichloroethane
Concen: 4.81 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

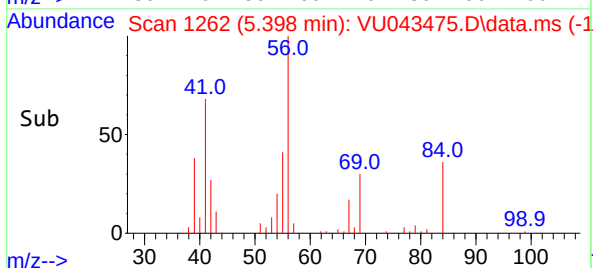
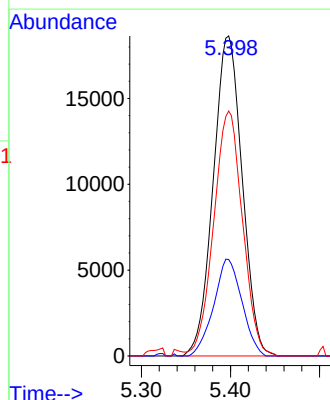
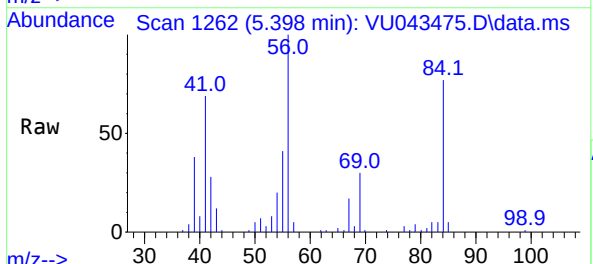
Instrument :
MSVOA_U
ClientSampleId :

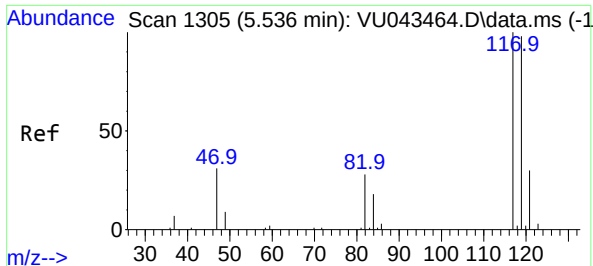
Tgt Ion: 97 Resp: 51965
Ion Ratio Lower Upper
97 100
99 65.6 50.3 75.5
61 52.2 32.7 49.1#



#30
Cyclohexane
Concen: 4.54 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 56 Resp: 42086
Ion Ratio Lower Upper
56 100
69 29.5 25.2 37.8
84 76.2 76.2 114.4

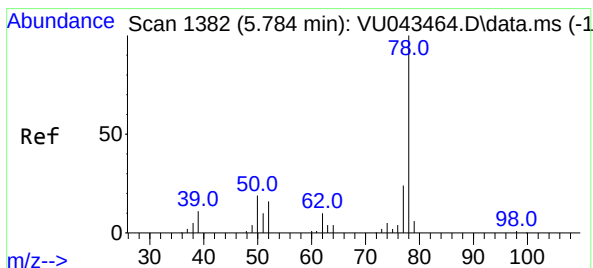
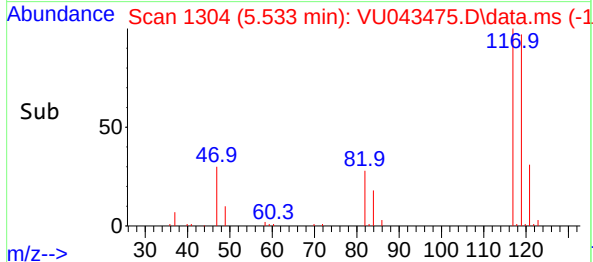
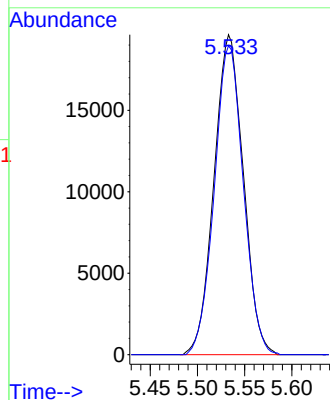
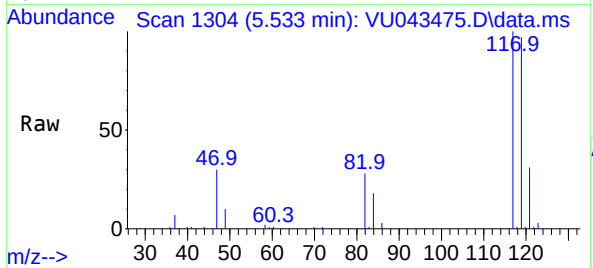




#31
Carbon tetrachloride
Concen: 4.70 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

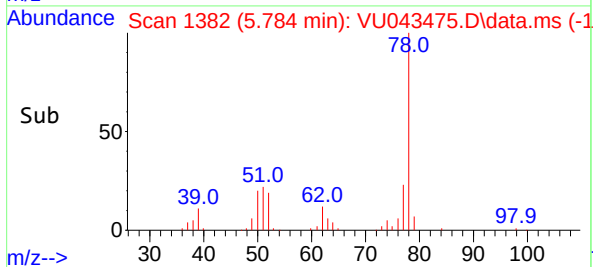
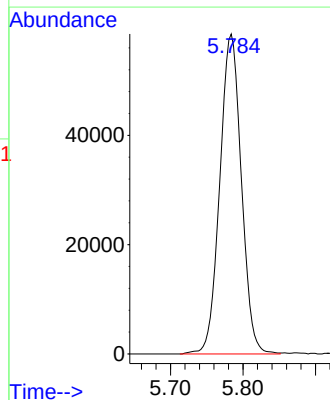
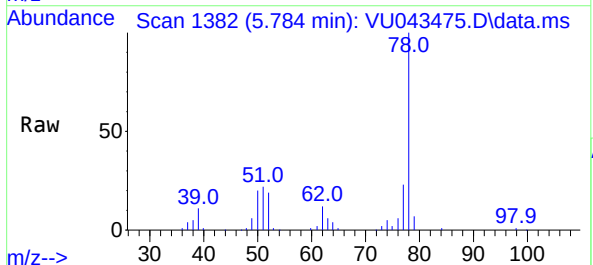
Instrument :
MSVOA_U
ClientSampled :

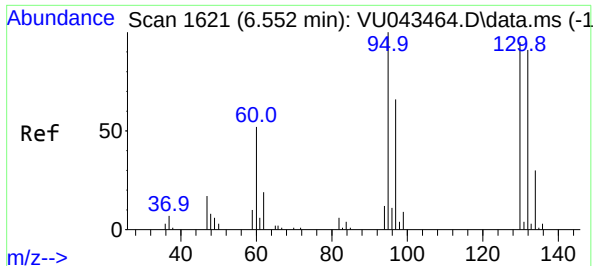
Tgt Ion:117 Resp: 42308
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.4



#33
Benzene
Concen: 5.17 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 78 Resp: 120973



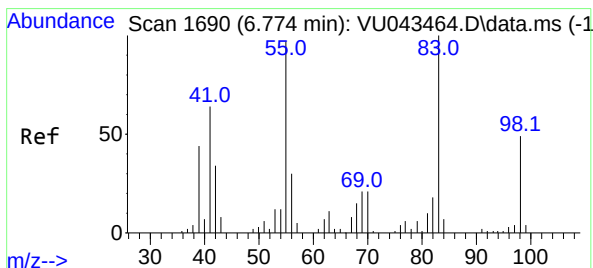
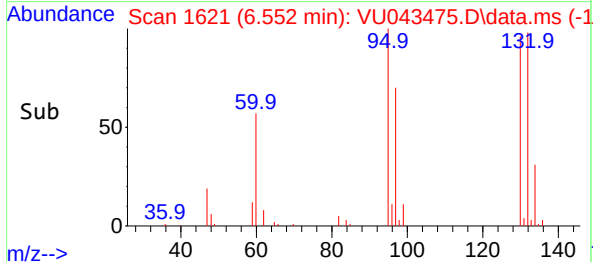
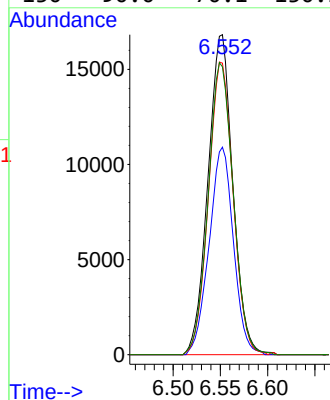
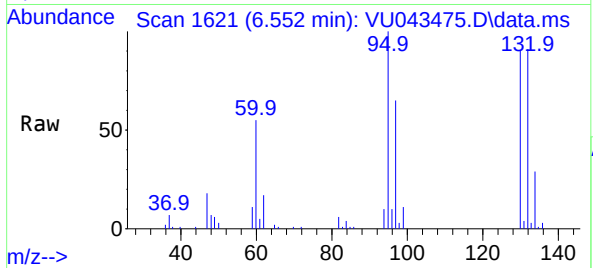


#34
Trichloroethene
Concen: 4.78 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 30799

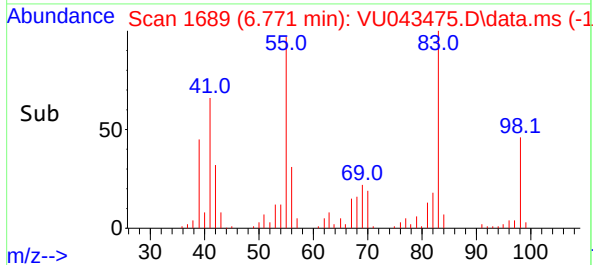
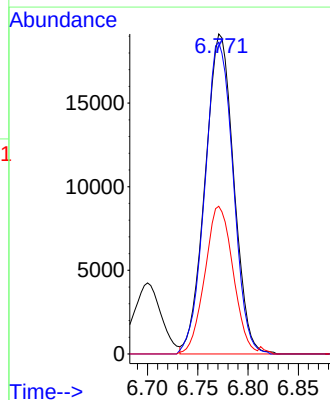
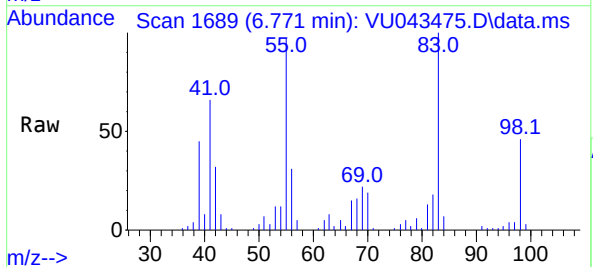
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	91.1	68.7	127.7
130	90.0	70.1	130.3

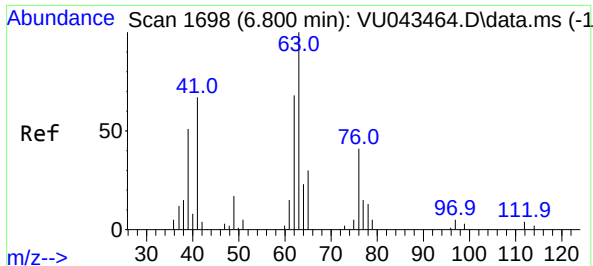


#35
Methylcyclohexane
Concen: 4.25 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 83 Resp: 37927

Ion	Ratio	Lower	Upper
83	100		
55	96.3	59.5	89.3
98	45.4	37.9	56.9

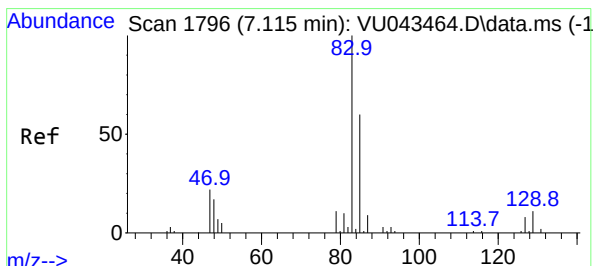
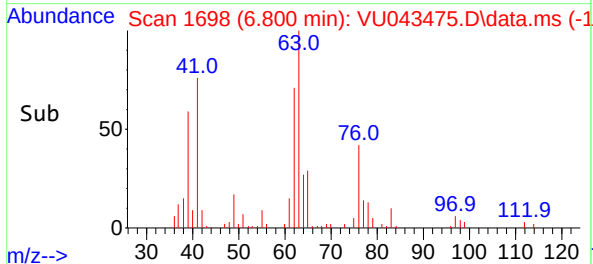
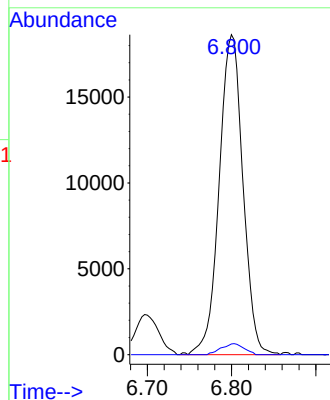
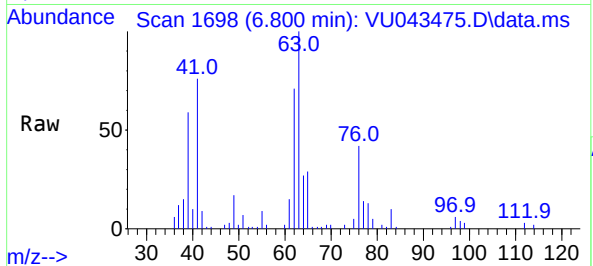




#37
1,2-Dichloropropane
Concen: 5.52 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

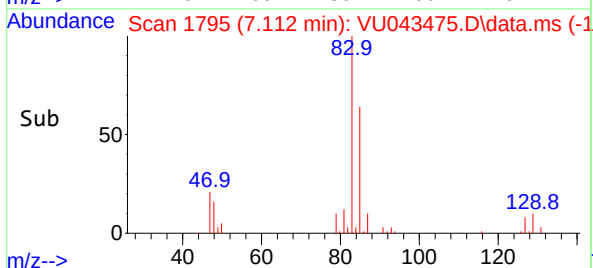
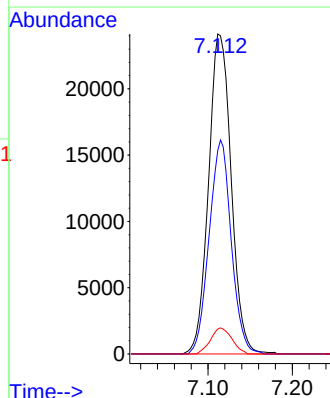
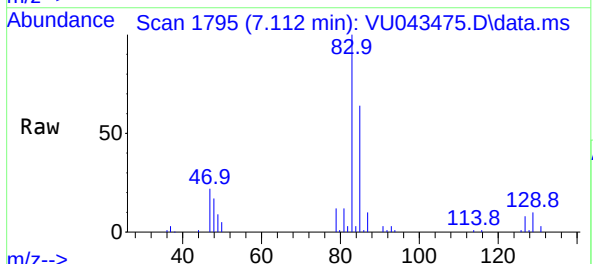
Instrument :
MSVOA_U
ClientSampleId :

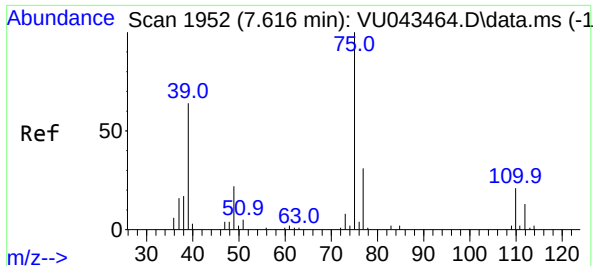
Tgt Ion: 63 Resp: 36401
Ion Ratio Lower Upper
63 100
112 3.3 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.10 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 83 Resp: 45083
Ion Ratio Lower Upper
83 100
85 63.6 44.6 82.8
127 7.8 7.4 11.2

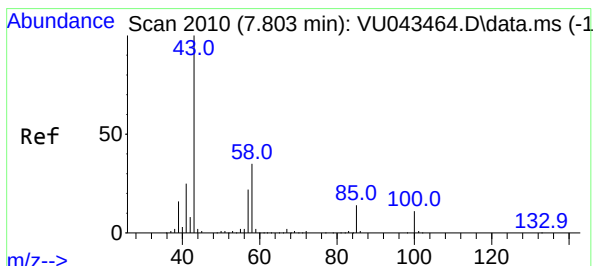
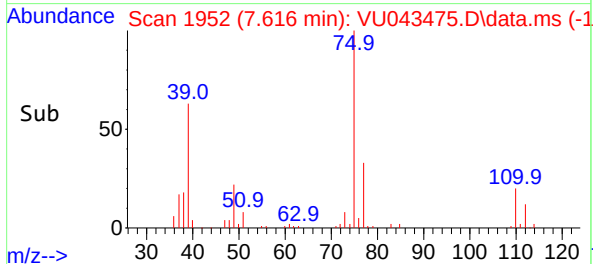
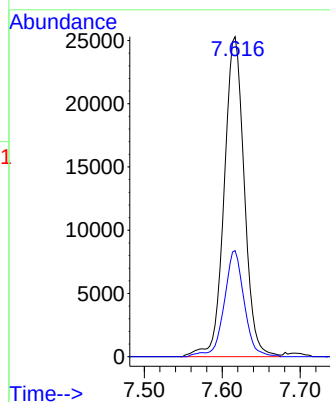
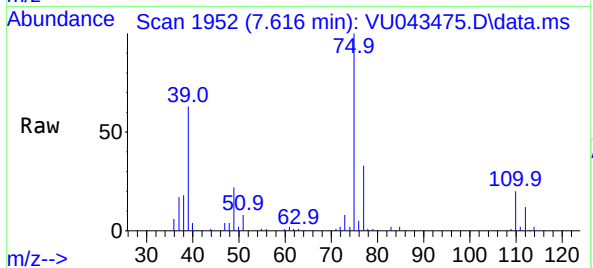




#39
cis-1,3-Dichloropropene
Concen: 4.71 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

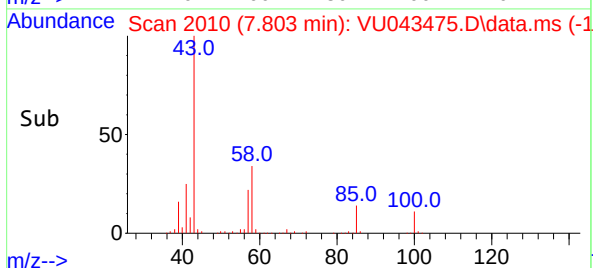
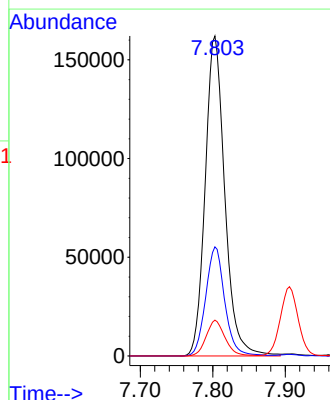
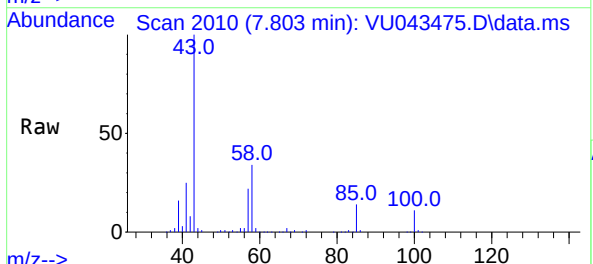
Instrument :
MSVOA_U
ClientSampled :

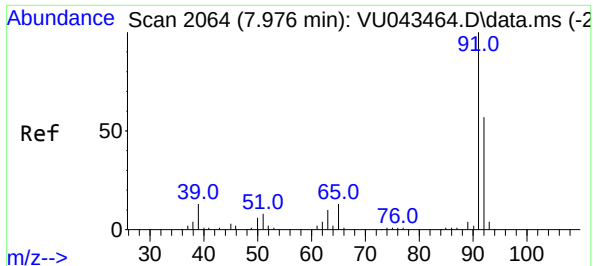
Tgt Ion: 75 Resp: 45351
Ion Ratio Lower Upper
75 100
77 33.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 51.62 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 43 Resp: 304367
Ion Ratio Lower Upper
43 100
58 33.2 35.8 53.6#
100 10.8 15.1 22.7#





#42

Toluene

Concen: 4.87 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043475.D

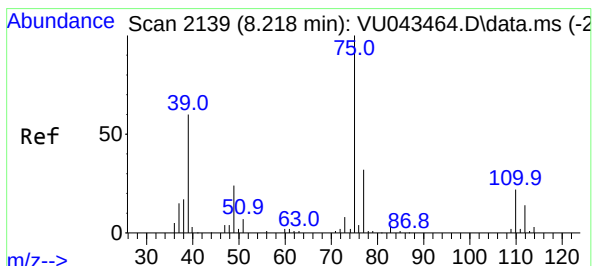
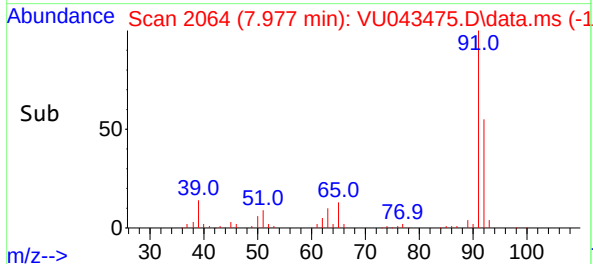
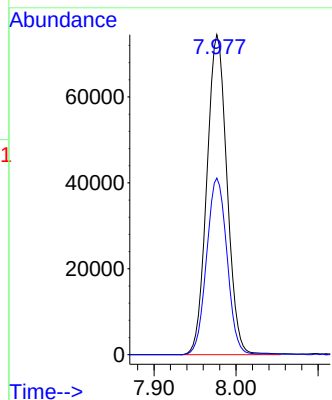
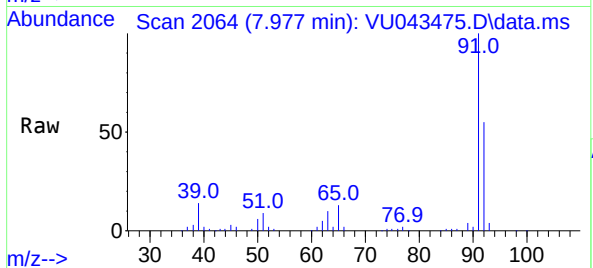
Acq: 30 Apr 2021 15:48

Tgt Ion: 91 Resp: 127495

Ion Ratio Lower Upper

91 100

92 55.2 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 4.57 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043475.D

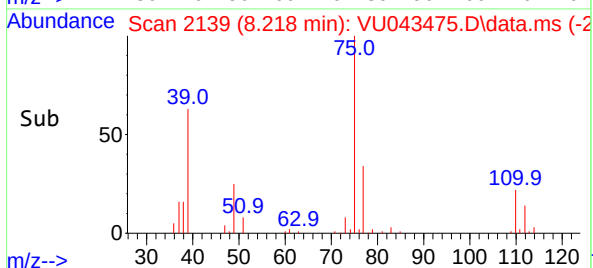
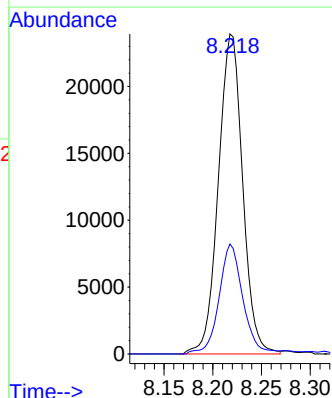
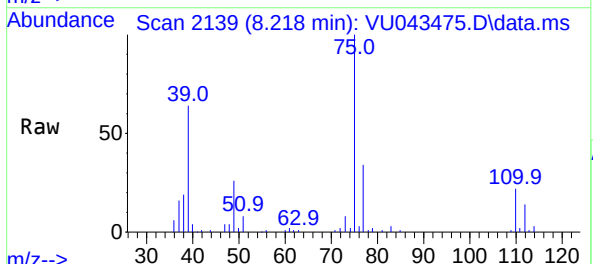
Acq: 30 Apr 2021 15:48

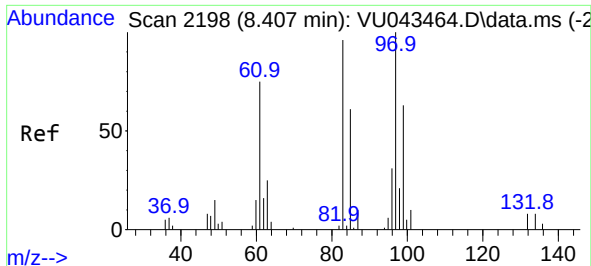
Tgt Ion: 75 Resp: 41472

Ion Ratio Lower Upper

75 100

77 34.4 23.4 43.4



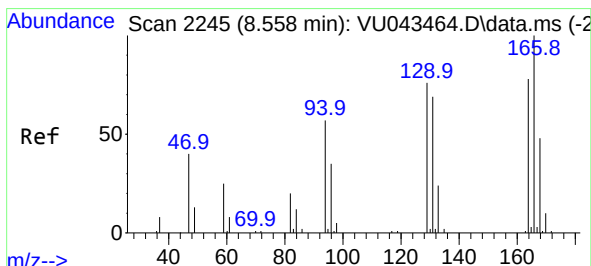
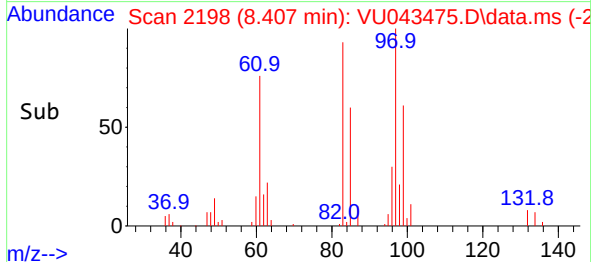
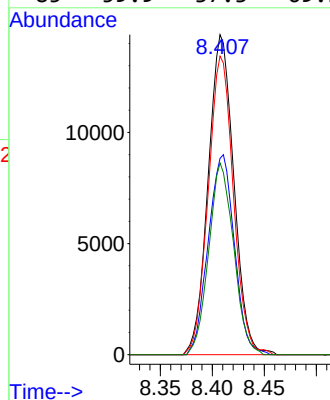
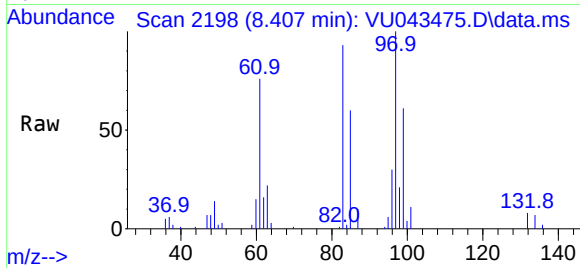


#45
1,1,2-Trichloroethane
Concen: 5.01 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 24686

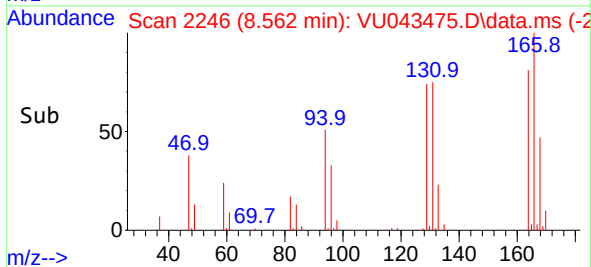
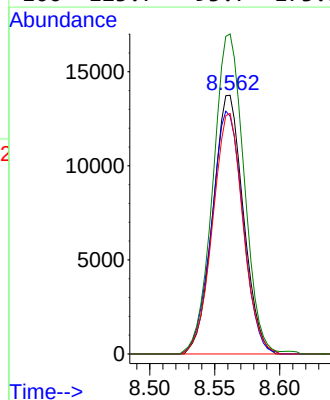
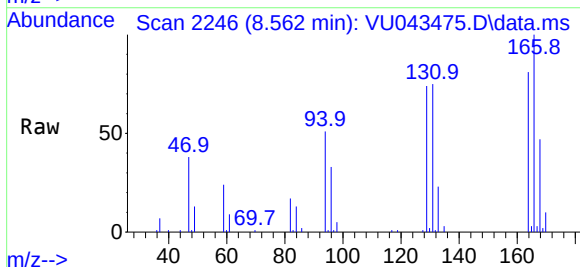
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.2	82.0
83	93.3	60.1	111.7
85	59.9	37.3	69.3

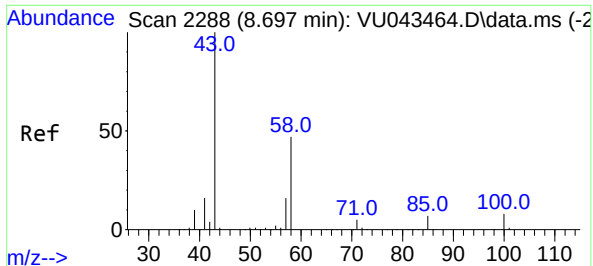


#47
Tetrachloroethene
Concen: 4.39 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 164 Resp: 22418

Ion	Ratio	Lower	Upper
164	100		
129	91.9	66.6	123.8
131	93.0	65.9	122.3
166	123.7	93.7	173.9

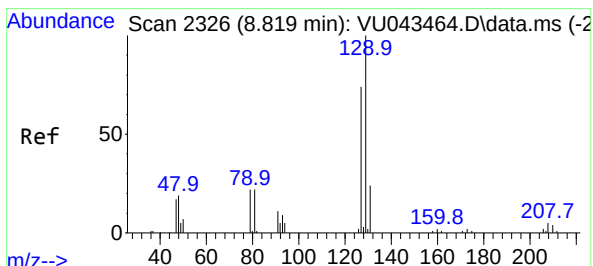
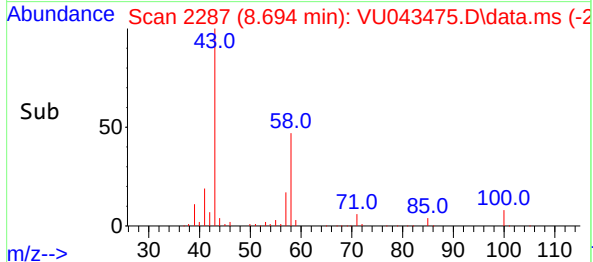
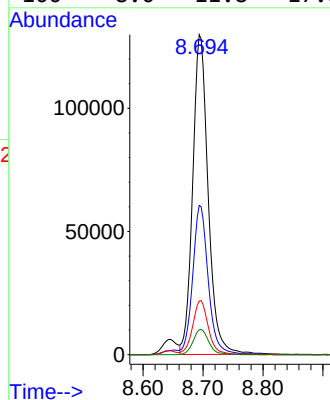
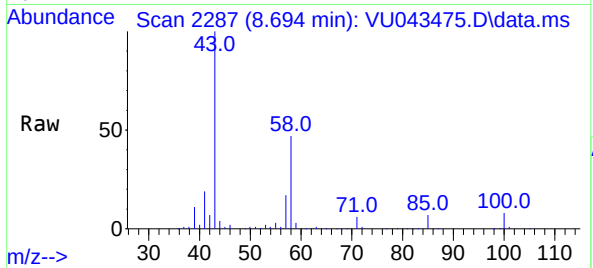




#48
2-Hexanone
Concen: 53.88 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

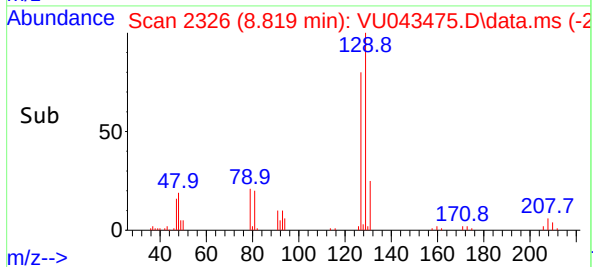
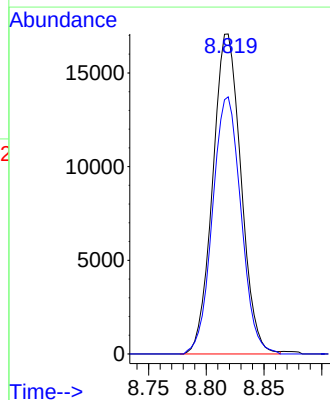
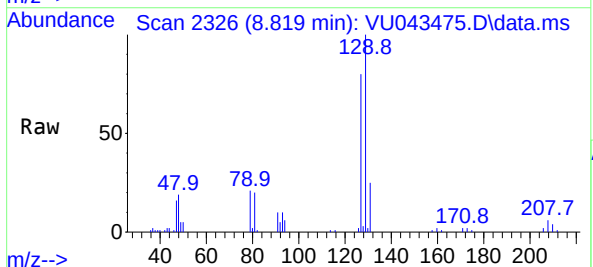
Instrument :
MSVOA_U
ClientSampleId :

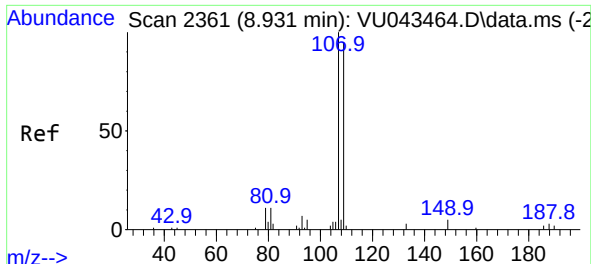
Tgt Ion: 43 Resp: 233757
Ion Ratio Lower Upper
43 100
58 47.0 50.0 75.0#
57 17.3 17.4 26.0#
100 8.0 11.8 17.8#



#49
Dibromochloromethane
Concen: 4.69 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

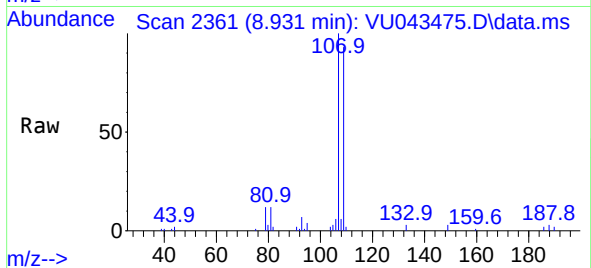
Tgt Ion: 129 Resp: 29124
Ion Ratio Lower Upper
129 100
127 80.4 56.6 105.2



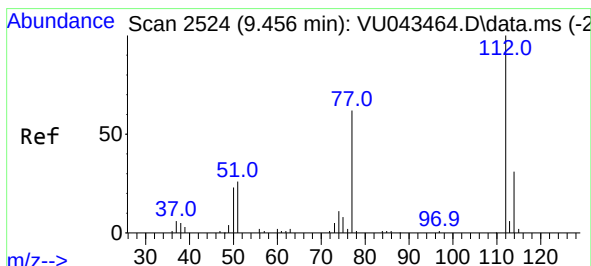
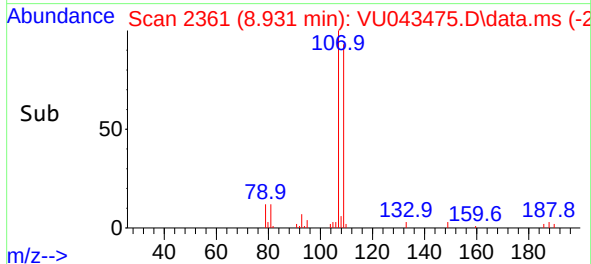
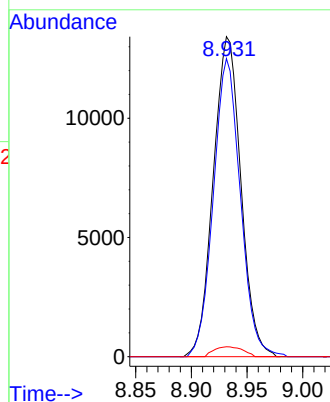


#50
1,2-Dibromoethane
Concen: 4.73 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Instrument :
MSVOA_U
ClientSampleId :

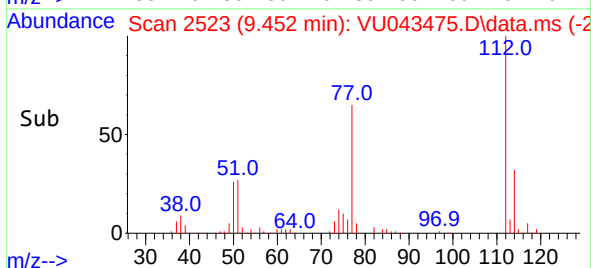
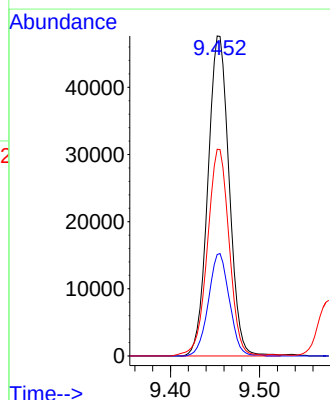
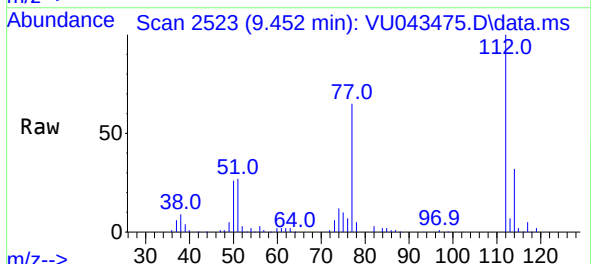


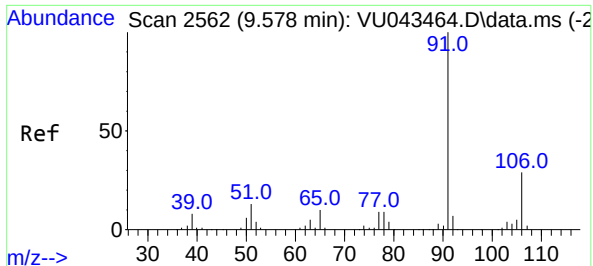
Tgt Ion:107 Resp: 23171
Ion Ratio Lower Upper
107 100
109 93.2 65.4 121.4
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 4.72 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:112 Resp: 78778
Ion Ratio Lower Upper
112 100
114 31.7 21.9 40.7
77 64.6 45.1 67.7

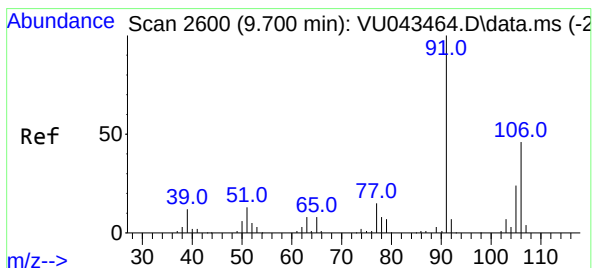
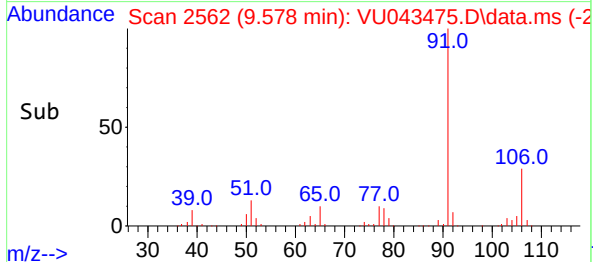
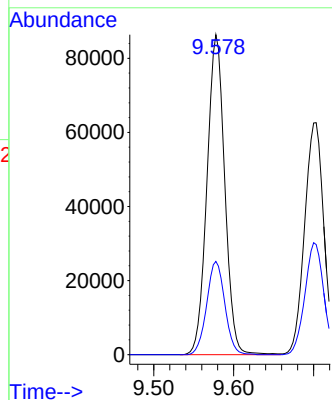
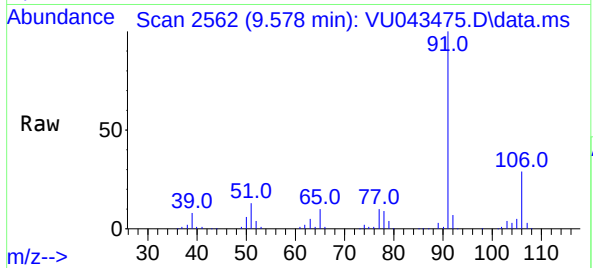




#52
Ethylbenzene
Concen: 4.47 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

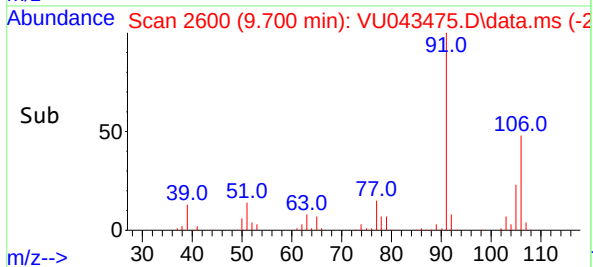
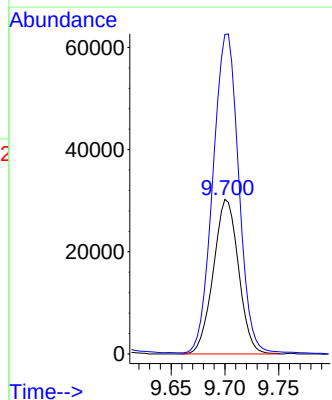
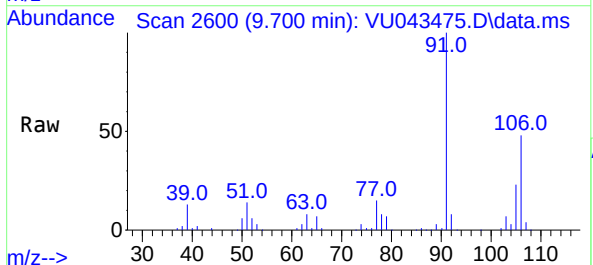
Instrument :
MSVOA_U
ClientSampled :

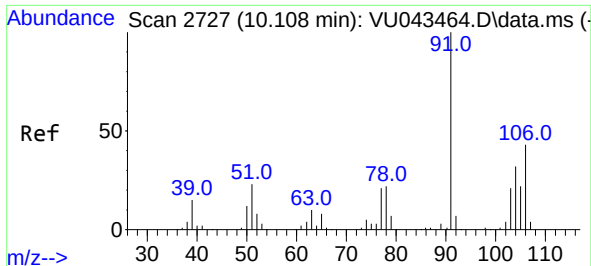
Tgt Ion: 91 Resp: 133843
Ion Ratio Lower Upper
91 100
106 29.2 22.0 40.8



#53
m,p-Xylene
Concen: 4.50 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 106 Resp: 49338
Ion Ratio Lower Upper
106 100
91 206.9 137.6 255.6

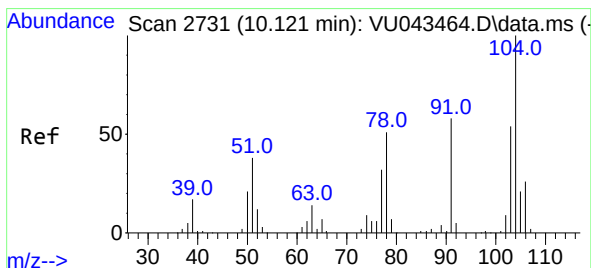
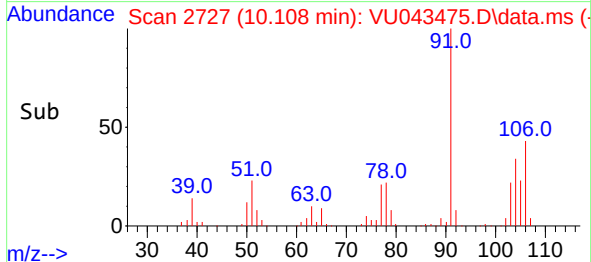
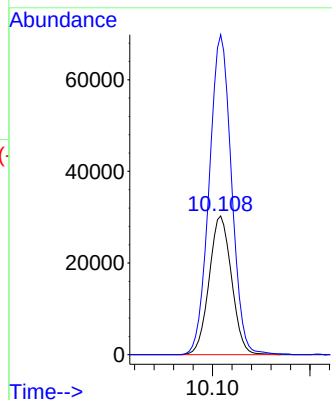
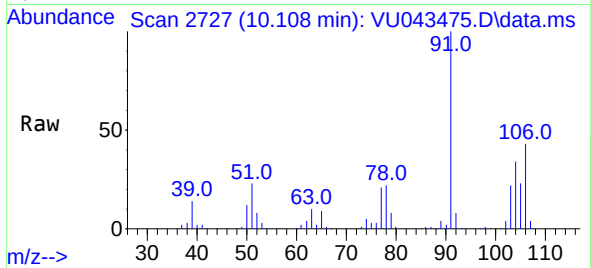




#54
o-Xylene
Concen: 4.46 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

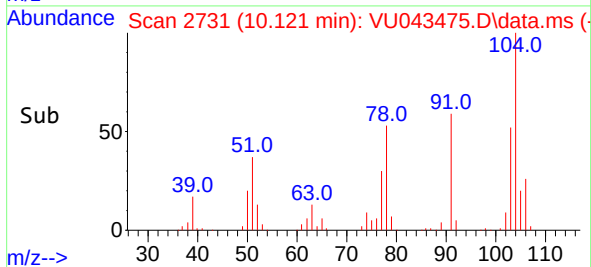
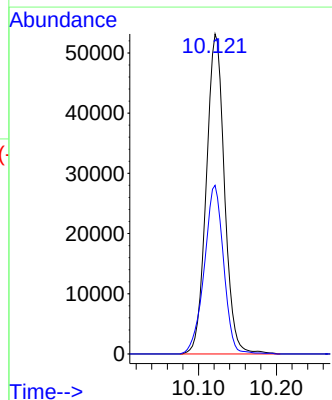
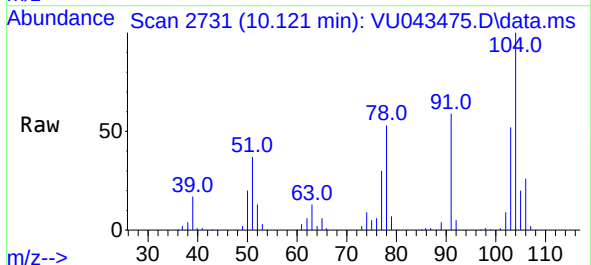
Instrument :
MSVOA_U
ClientSampleId :

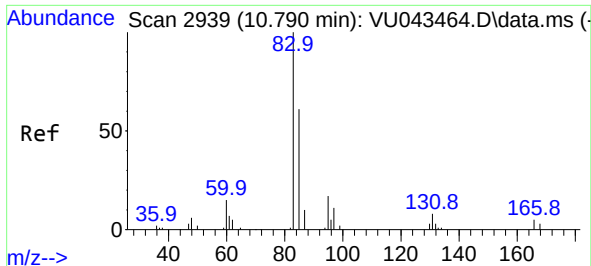
Tgt Ion:106 Resp: 48374
Ion Ratio Lower Upper
106 100
91 230.7 148.5 275.9



#55
Styrene
Concen: 4.63 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:104 Resp: 86117
Ion Ratio Lower Upper
104 100
78 52.7 32.3 60.1

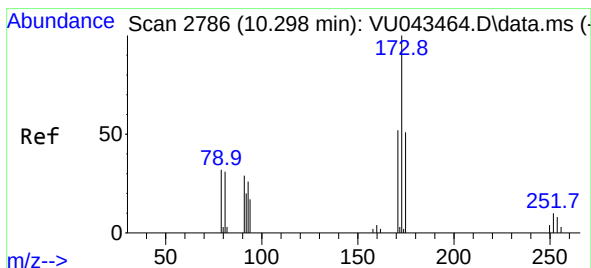
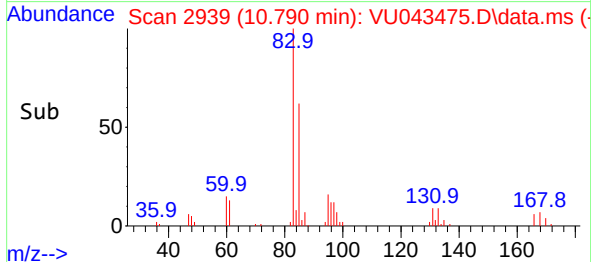
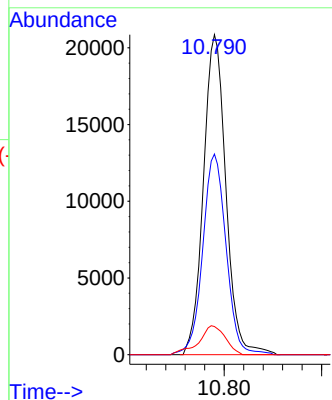
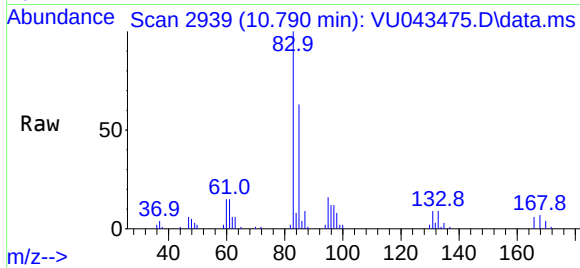




#57
1,1,2,2-Tetrachloroethane
Concen: 5.15 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

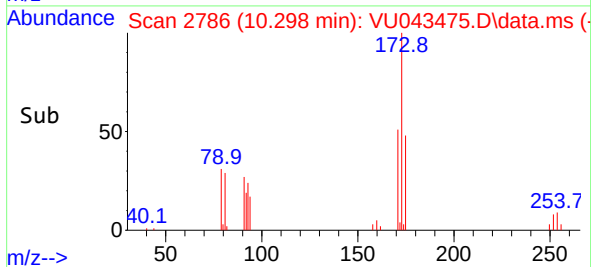
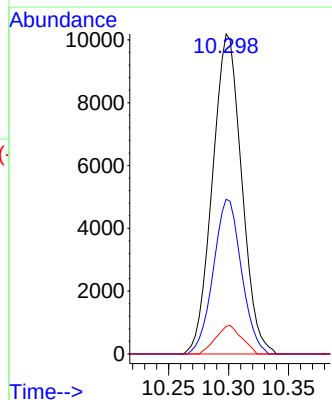
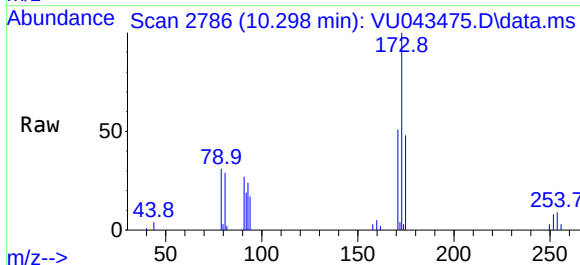
Instrument :
MSVOA_U
ClientSampleId :

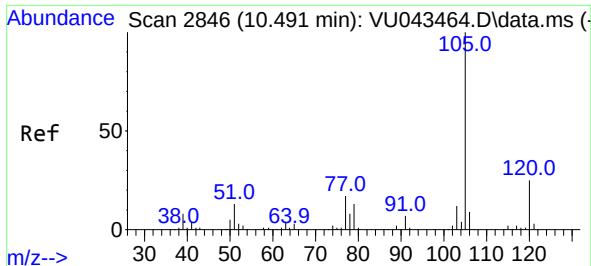
Tgt Ion:	83	Resp:	33356
Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.9	83.5
131	8.8	8.2	12.4



#59
Bromoform
Concen: 4.53 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:	173	Resp:	17216
Ion	Ratio	Lower	Upper
173	100		
175	46.5	39.4	59.0
254	7.9	8.0	12.0#

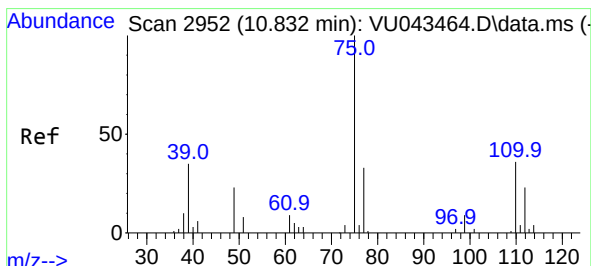
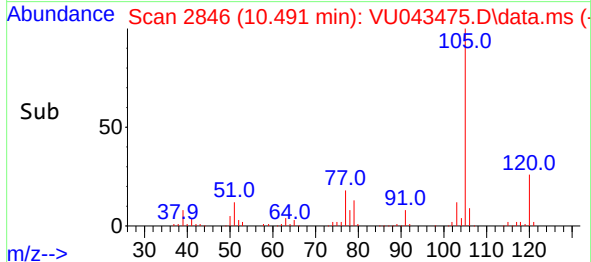
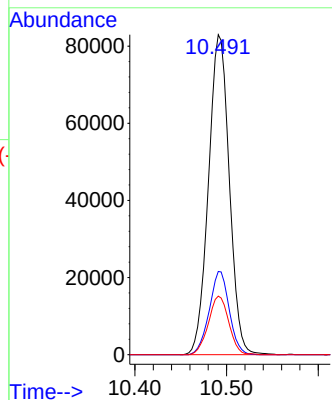
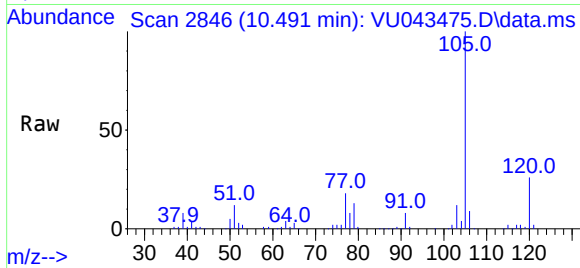




#60
Isopropylbenzene
Concen: 4.39 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

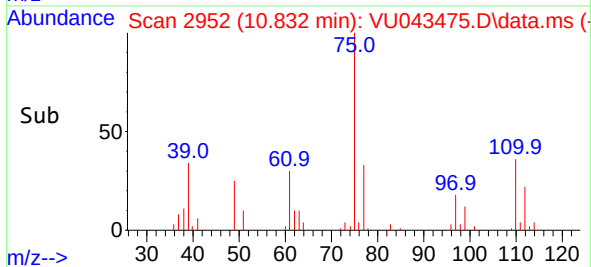
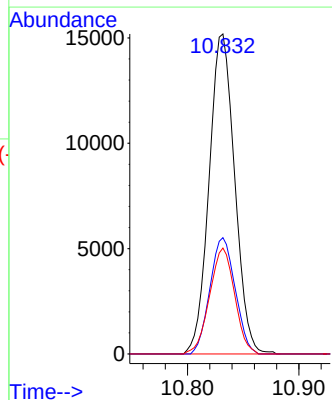
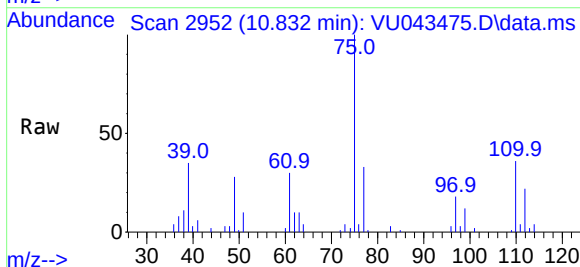
Instrument :
MSVOA_U
ClientSampled :

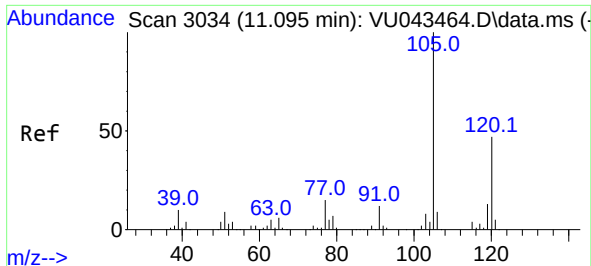
Tgt Ion:105 Resp: 130887
Ion Ratio Lower Upper
105 100
120 25.0 20.9 31.3
77 17.9 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 5.05 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 75 Resp: 24237
Ion Ratio Lower Upper
75 100
110 35.8 31.5 47.3
77 32.3 26.3 39.5

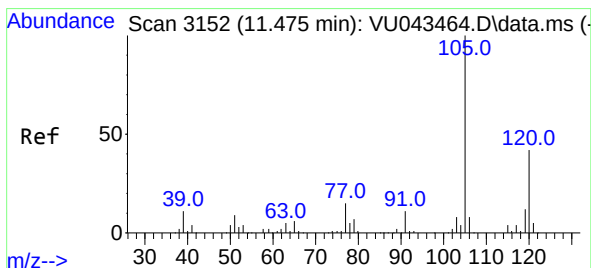
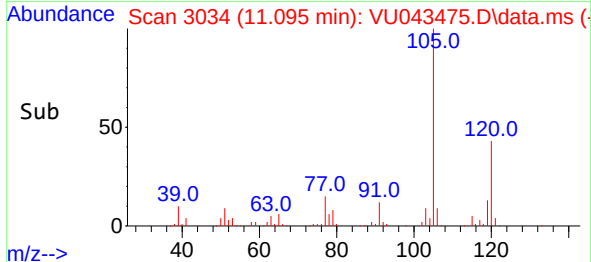
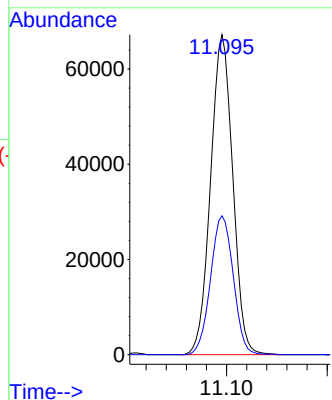
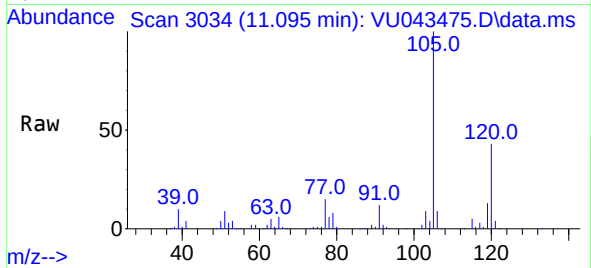




#62
1,3,5-Trimethylbenzene
Concen: 4.22 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

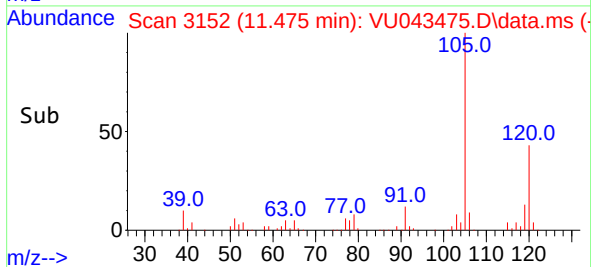
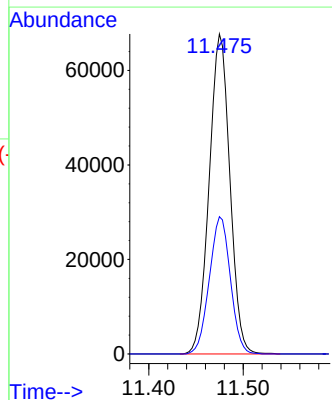
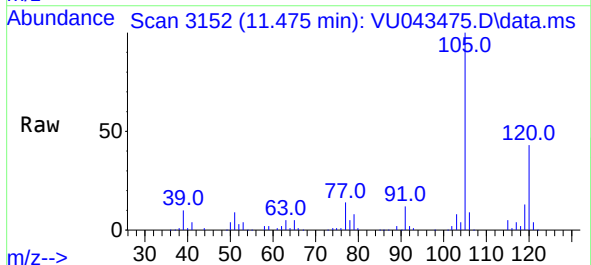
Instrument :
MSVOA_U
ClientSampleId :

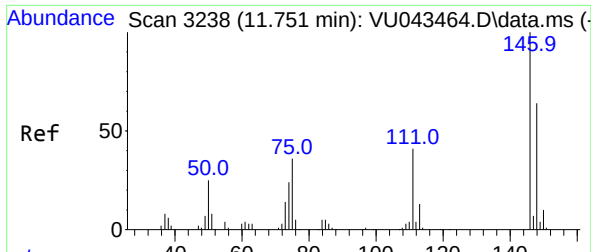
Tgt Ion:105 Resp: 102932
Ion Ratio Lower Upper
105 100
120 44.6 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.11 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:105 Resp: 102955
Ion Ratio Lower Upper
105 100
120 43.5 36.7 55.1

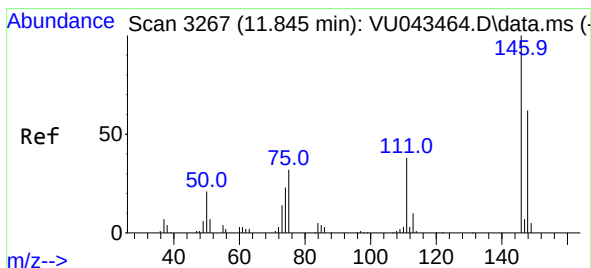
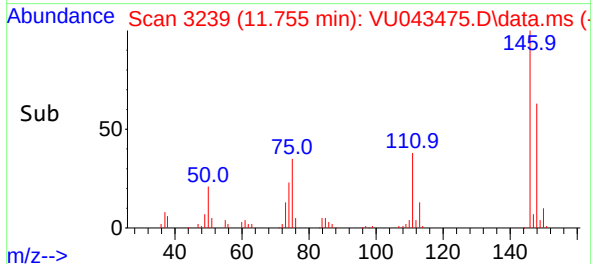
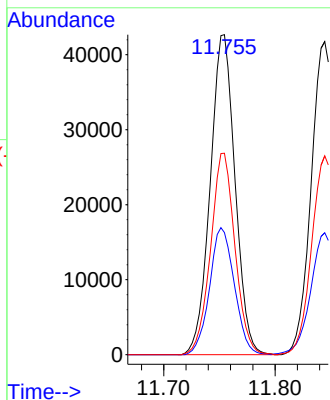
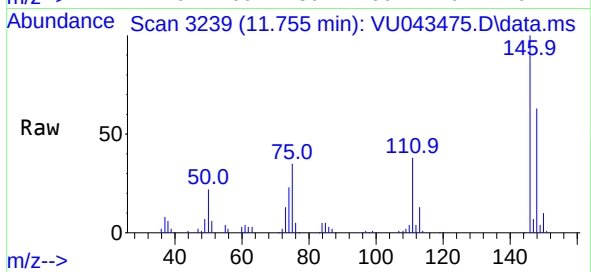




#64
1,3-Dichlorobenzene
Concen: 4.66 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

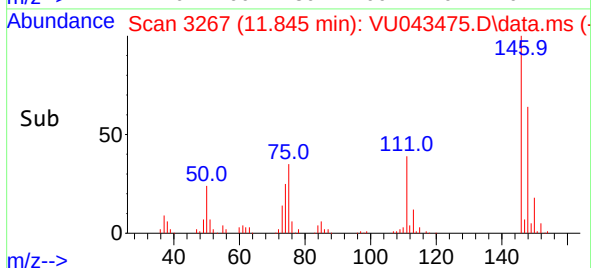
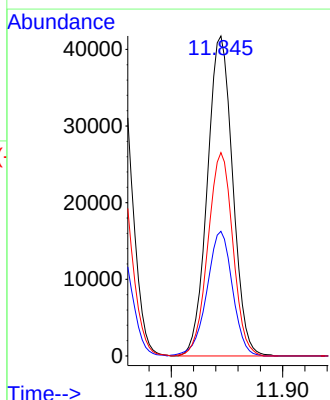
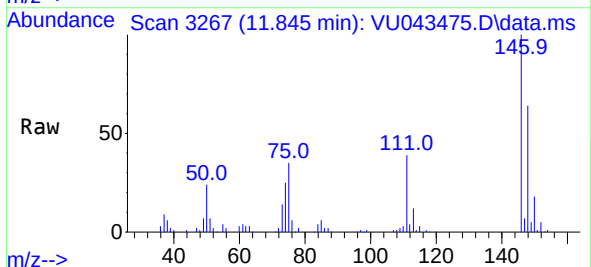
Instrument :
MSVOA_U
ClientSampleId :

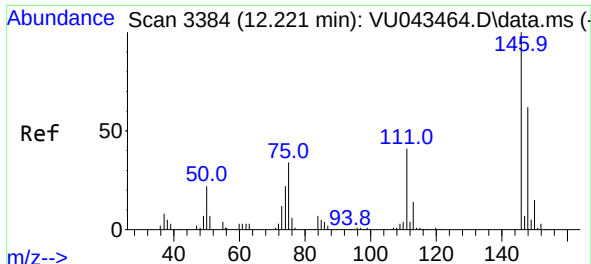
Tgt Ion:146 Resp: 66030
Ion Ratio Lower Upper
146 100
111 38.1 27.6 51.2
148 63.0 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.60 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:146 Resp: 66044
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.5
148 63.5 43.9 81.5

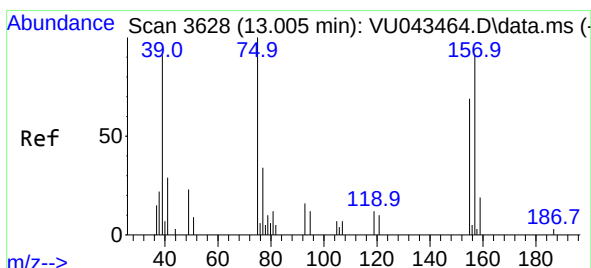
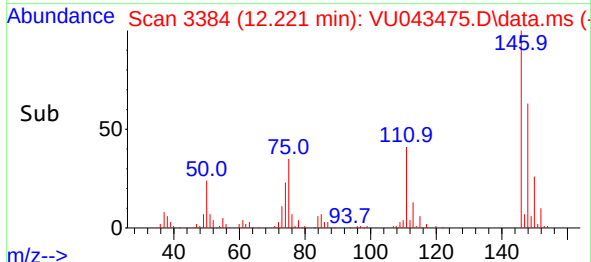
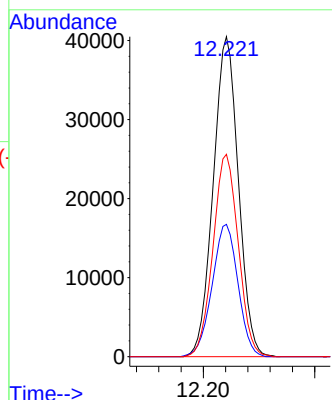
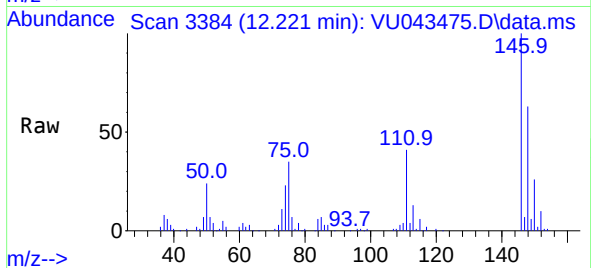




#67
1,2-Dichlorobenzene
Concen: 4.61 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

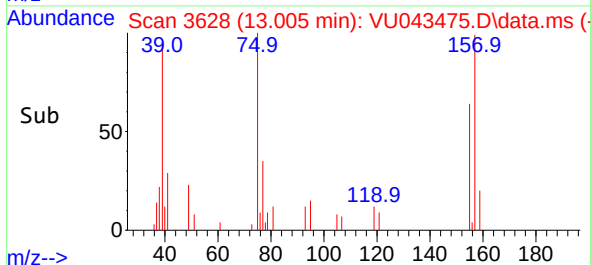
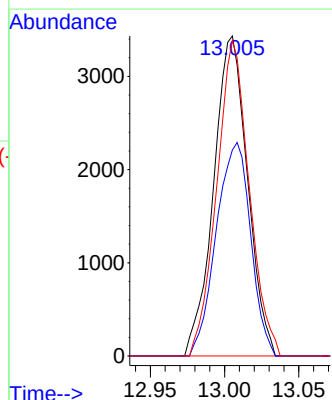
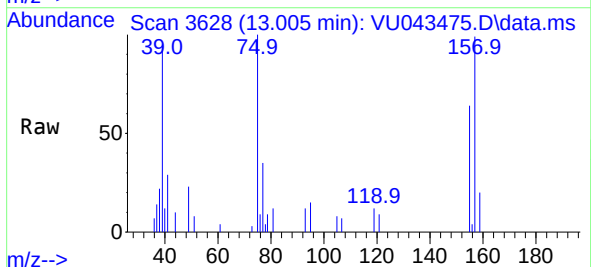
Instrument :
MSVOA_U
ClientSampleId :

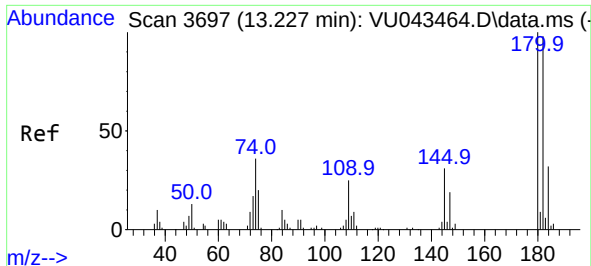
Tgt Ion:146 Resp: 63391
Ion Ratio Lower Upper
146 100
111 41.4 31.9 47.9
148 63.2 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.66 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion: 75 Resp: 5449
Ion Ratio Lower Upper
75 100
155 64.4 67.8 101.8#
157 98.6 82.4 123.6

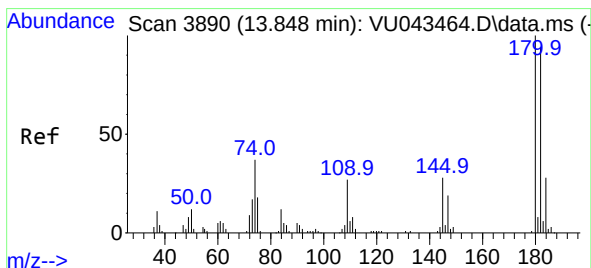
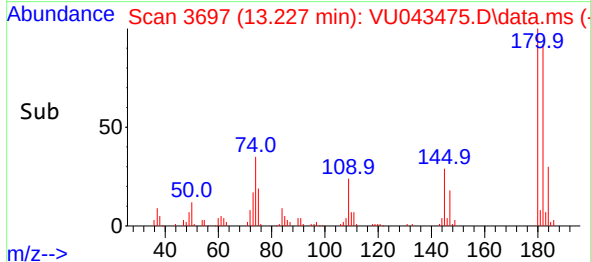
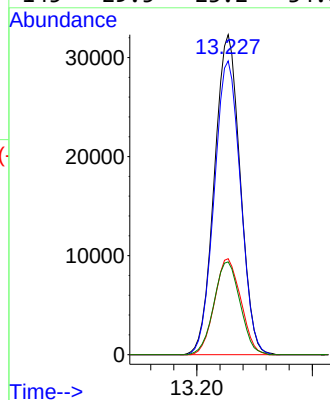
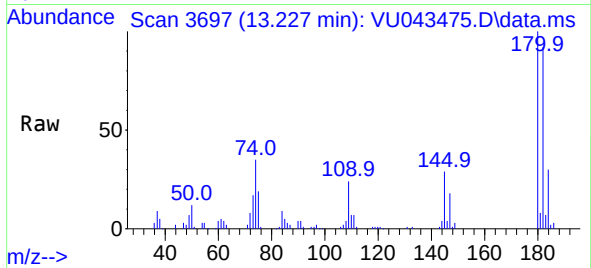




#69
1,3,5-Trichlorobenzene
Concen: 4.31 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

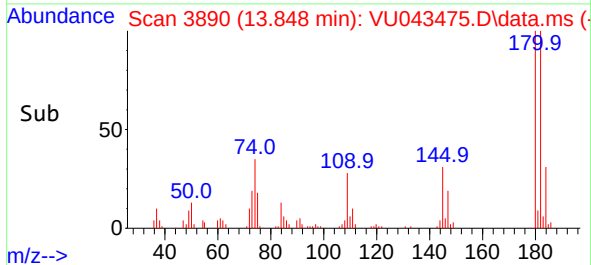
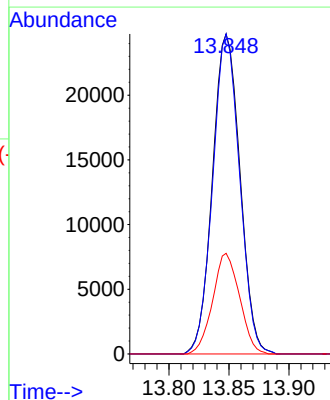
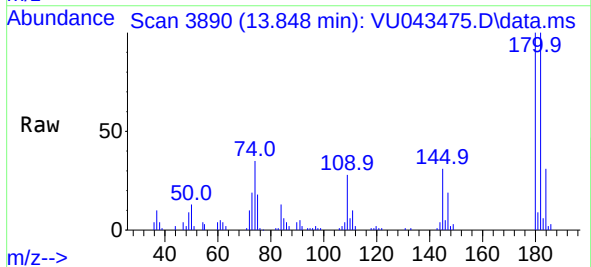
Instrument :
MSVOA_U
ClientSampled :

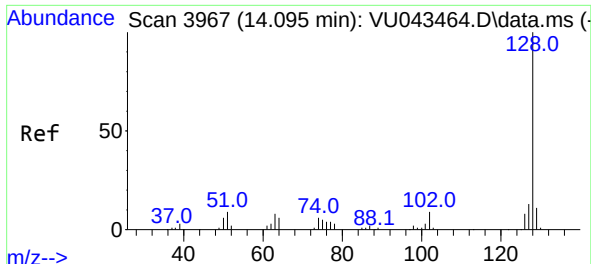
Tgt Ion:180 Resp: 50063
Ion Ratio Lower Upper
180 100
182 93.4 76.1 114.1
184 30.5 24.0 36.0
145 29.5 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 4.10 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:180 Resp: 39395
Ion Ratio Lower Upper
180 100
182 97.6 76.5 114.7
145 30.7 24.1 36.1

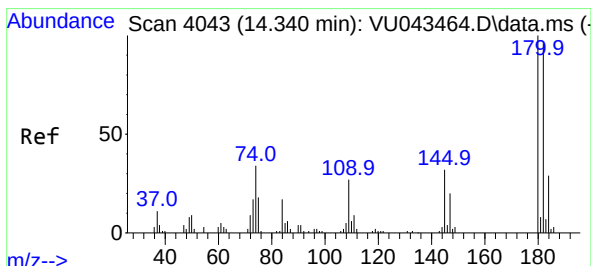
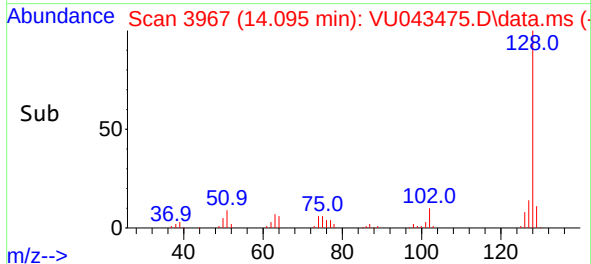
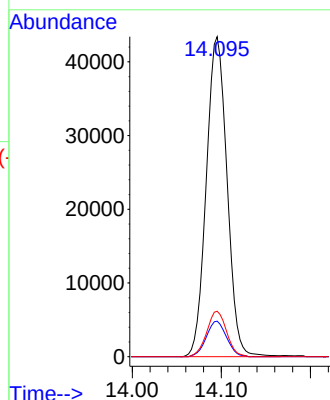
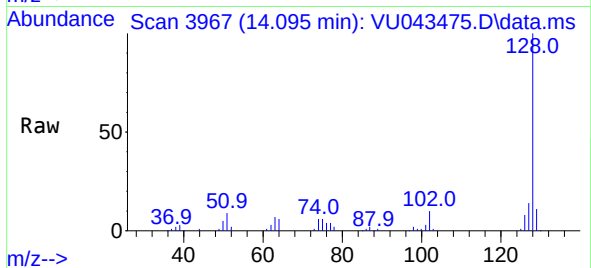




#71
Naphthalene
Concen: 4.32 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	70082
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.6	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.51 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043475.D
Acq: 30 Apr 2021 15:48

Tgt Ion:	180	Resp:	39761
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.8
145	31.2	25.0	37.4

