

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042152.D
 Acq On : 21 Jan 2021 15:46
 Operator : SY/MD
 Sample : M1170-12DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT93DL

Quant Time: Jan 22 02:49:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	107590	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	100664	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52421	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31590	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.919	69	26431	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.571	63	54436	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.642	46	136030	53.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	5.073	84	70313	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.710	65	42846	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.735	84	132193	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.700	67	42453	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	119357	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloroprop...	8.185	79	20090	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.642	63	97836	52.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.56%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36780	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	48043	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds						Qvalue
3) Chloromethane	1.523	50	1818	0.20	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	379	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	404	0.06	ug/L #	1
13) Acetone	2.655	43	9133	5.41	ug/L	71
14) Carbon disulfide	2.796	76	1084	0.04	ug/L #	75
16) Methylene chloride	3.054	84	1298	0.15	ug/L	91
21) 2-Butanone	4.722	43	3085	1.09	ug/L	92
27) 1,2-Dichloroethane	5.738	62	783	0.07	ug/L #	75
33) Benzene	5.780	78	1038	0.04	ug/L	100
34) Trichloroethene	6.549	95	49517	6.20	ug/L	97
35) Methylcyclohexane	6.700	83	10210	0.76	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5183	0.66	ug/L	98
39) cis-1,3-Dichloropropene	7.571	75	1427	0.11	ug/L #	80
42) Toluene	7.980	91	4677	0.15	ug/L	93
44) trans-1,3-Dichloropropene	8.185	75	872	0.07	ug/L #	68
47) Tetrachloroethene	8.558	164	736	0.11	ug/L	87
49) Dibromochloromethane	8.558	129	552	0.07	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6257	1.14	ug/L	96
66) 1,2-Dibromo-3-chloropr...	13.217	75	226	0.17	ug/L #	1
69) Naphthalene	14.095	128	2411	0.16	ug/L #	89

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QLast Update : Fri Jan 22 02:43:44 2021
Response via : Initial Calibration

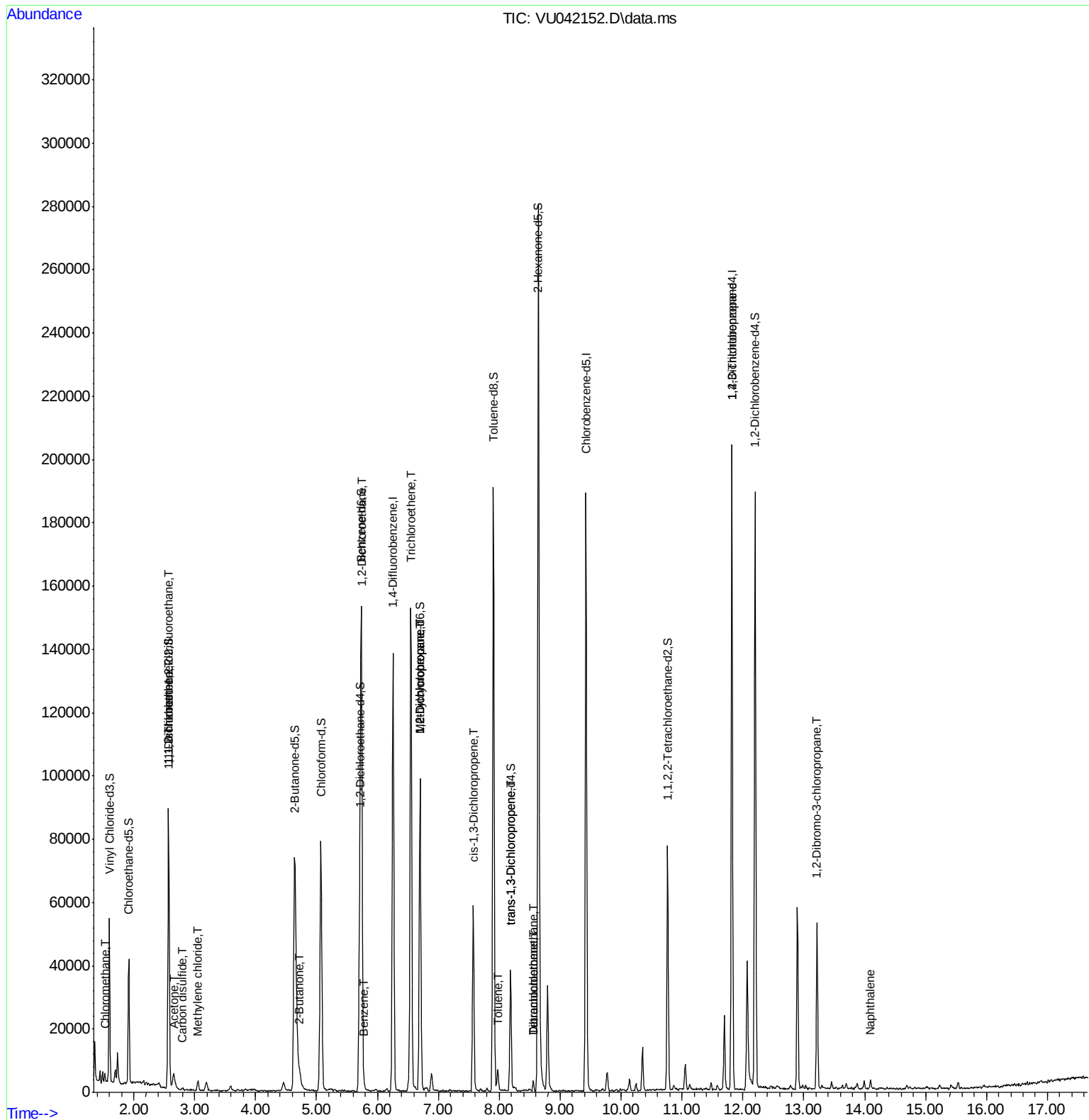
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

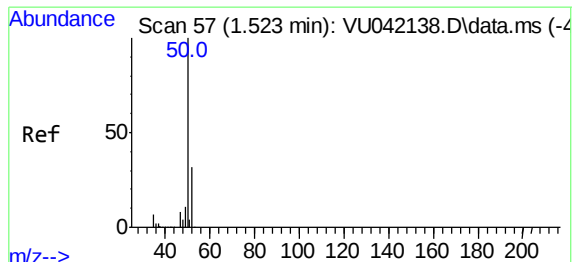
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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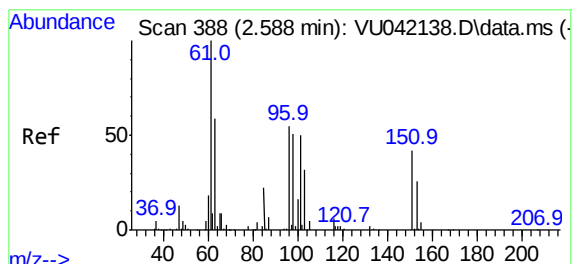
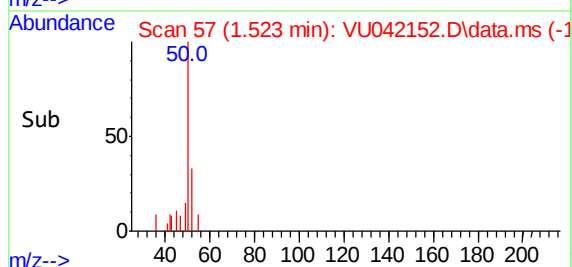
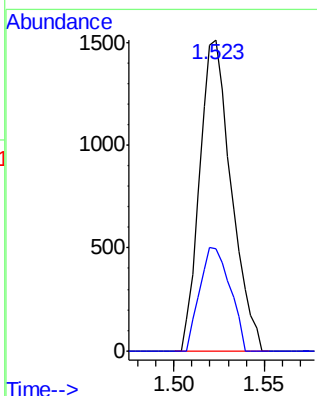
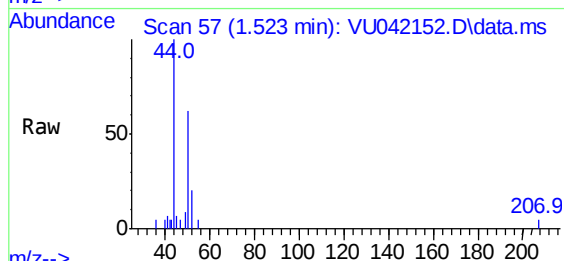




#3
Chloromethane
Concen: 0.20 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

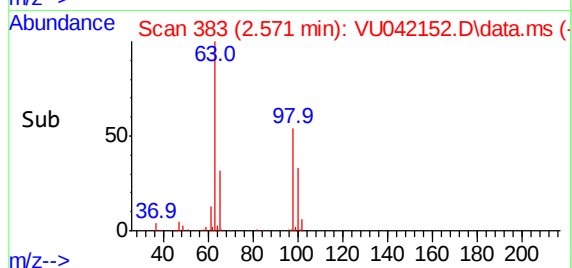
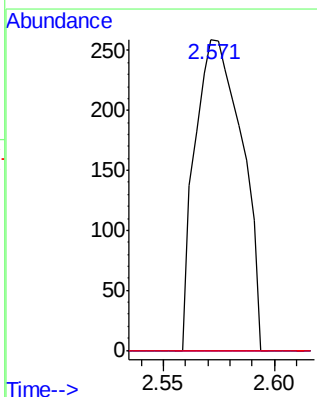
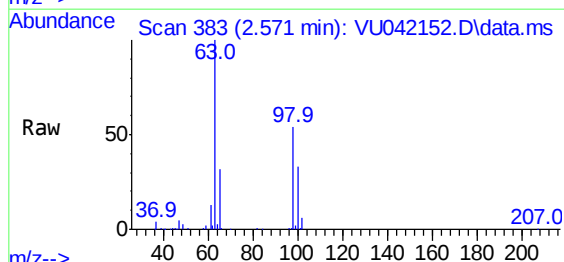
Instrument :
MSVOA_U
ClientSampleId :
BFT93DL

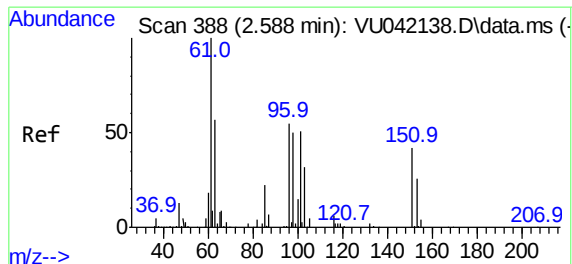
Tgt Ion: 50 Resp: 1818
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion: 101 Resp: 379
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

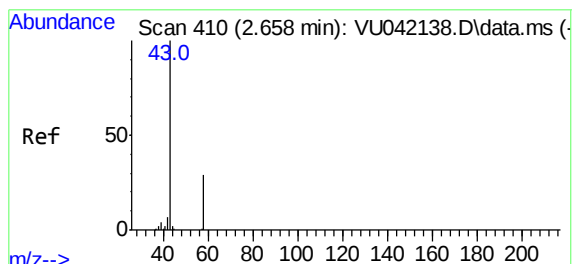
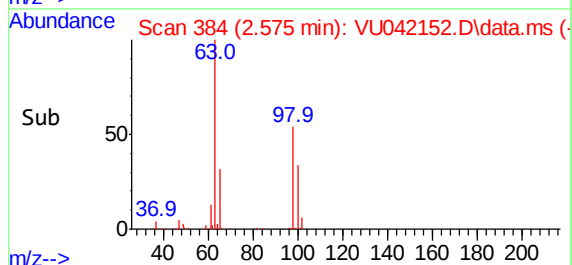
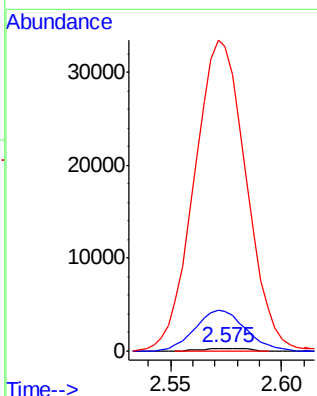
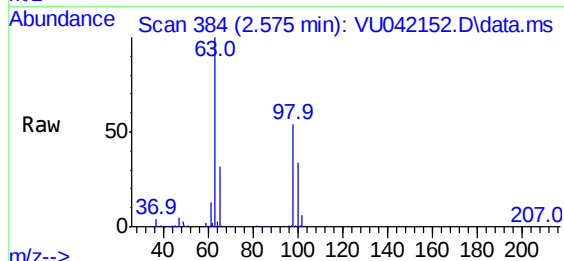




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

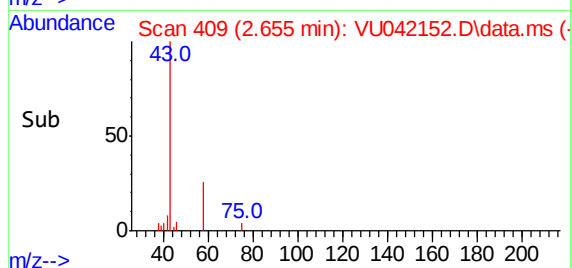
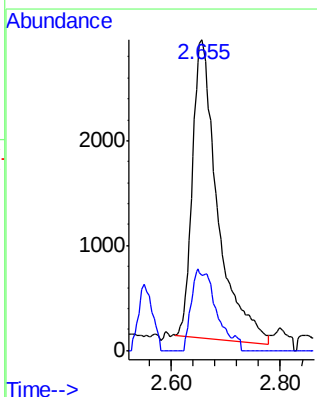
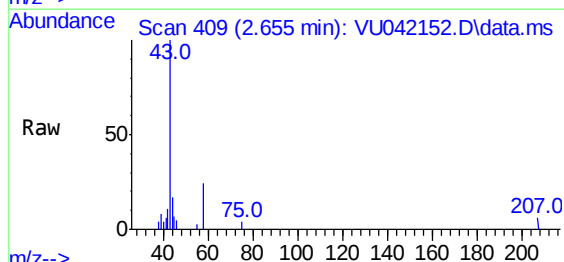
Instrument :
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ClientSampleId :
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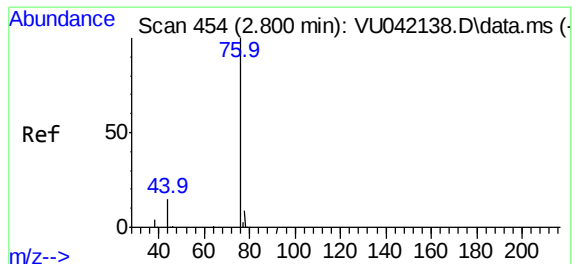
Tgt Ion: 96 Resp: 404
Ion Ratio Lower Upper
96 100
61 1400.0 126.2 234.4#
63 10748.9 77.8 144.4#



#13
Acetone
Concen: 5.41 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion: 43 Resp: 9133
Ion Ratio Lower Upper
43 100
58 12.8 0.0 55.8

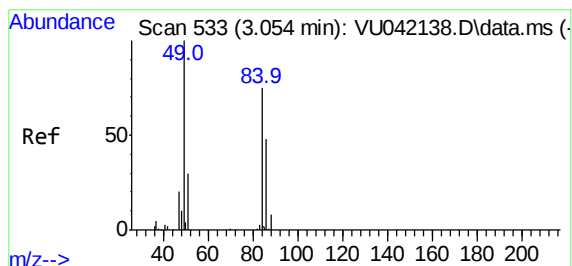
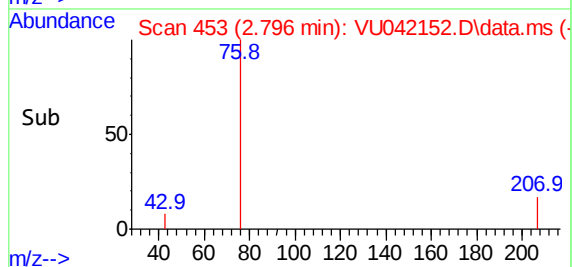
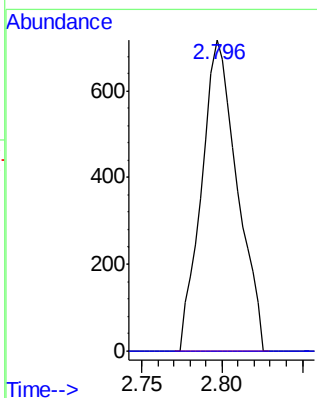
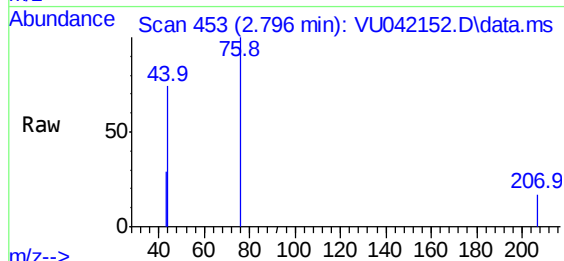




#14
Carbon disulfide
Concen: 0.04 ug/L
RT: 2.796 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

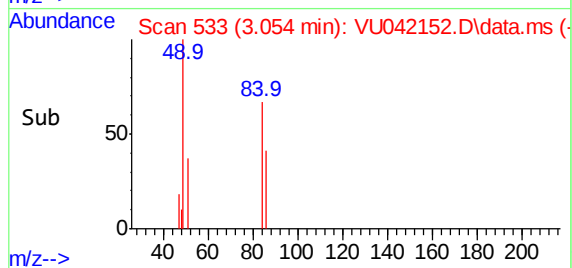
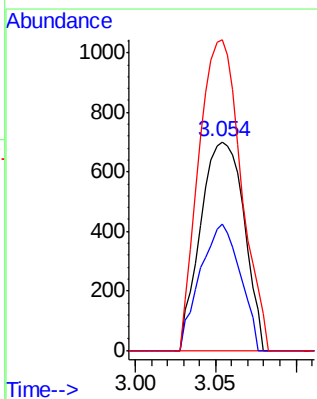
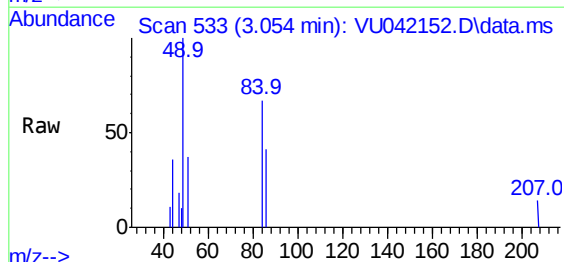
Instrument :
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ClientSampleId :
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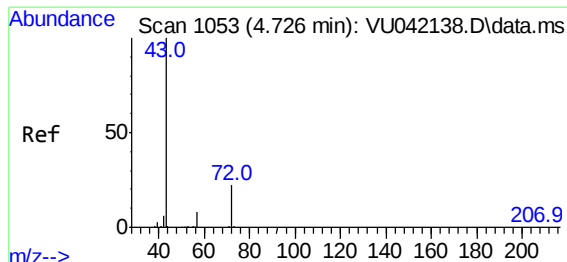
Tgt Ion: 76 Resp: 1084
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion: 84 Resp: 1298
Ion Ratio Lower Upper
84 100
86 60.4 44.1 81.9
49 148.7 95.0 176.4

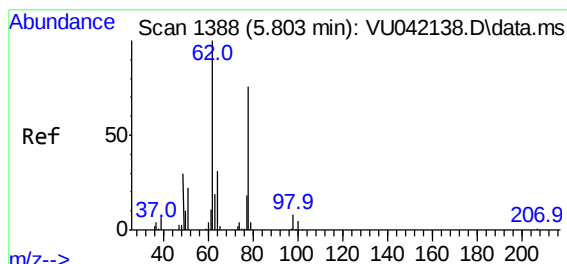
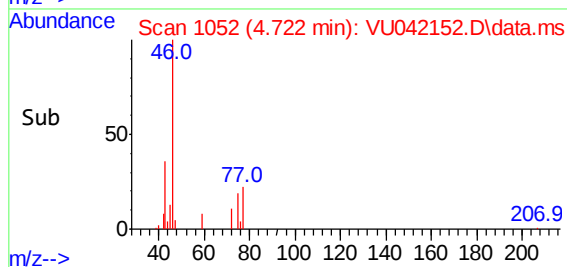
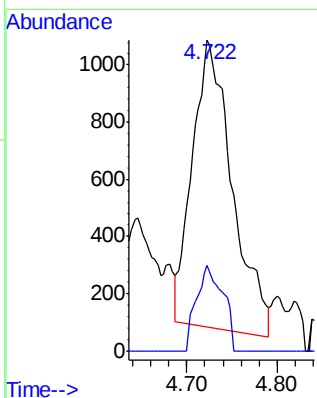
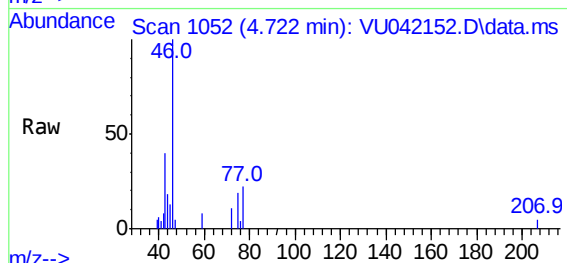




#21
2-Butanone
Concen: 1.09 ug/L
RT: 4.722 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

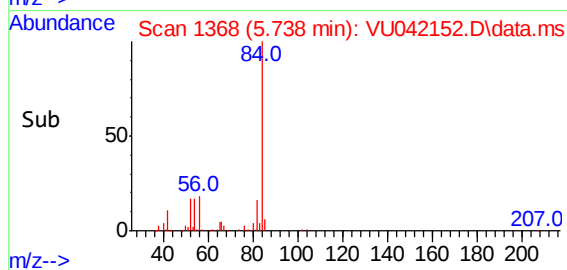
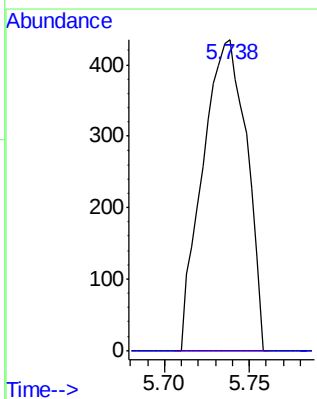
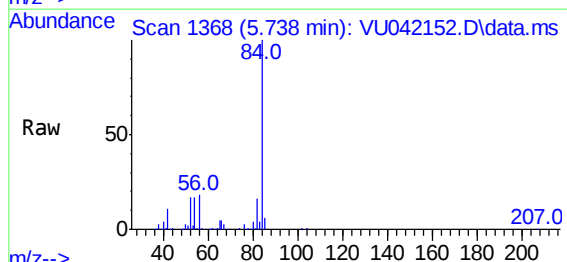
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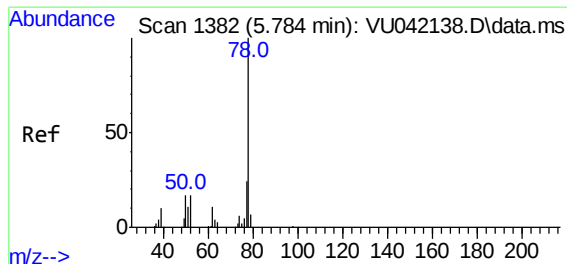
Tgt Ion: 43 Resp: 3085
Ion Ratio Lower Upper
43 100
72 19.6 11.7 35.1



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion: 62 Resp: 783
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

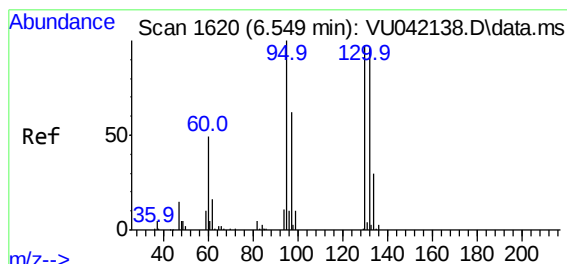
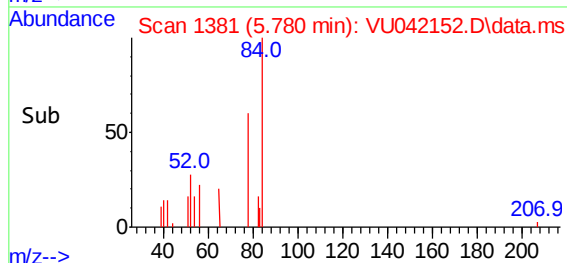
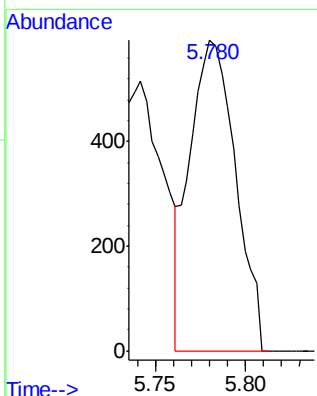
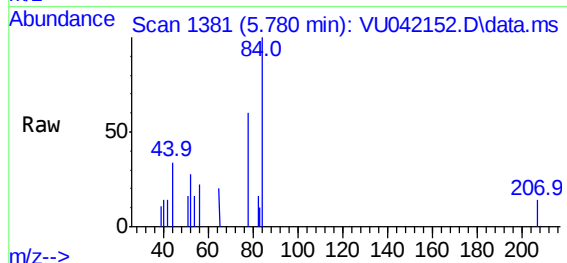




#33
Benzene
Concen: 0.04 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

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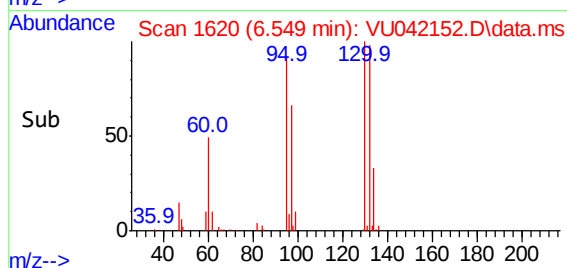
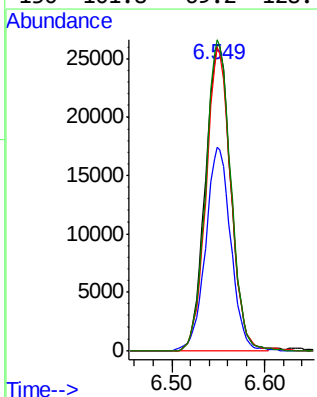
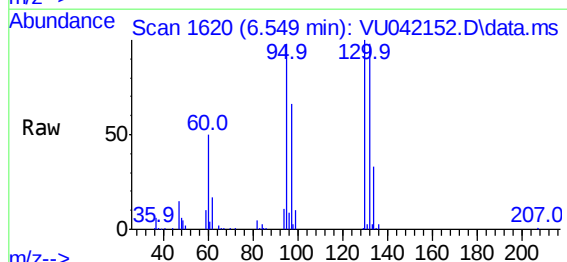
Tgt Ion: 78 Resp: 1038

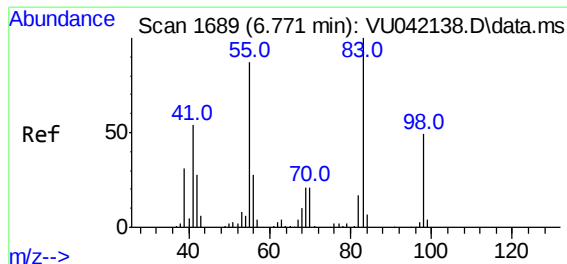


#34
Trichloroethene
Concen: 6.20 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion: 95 Resp: 49517

Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.4	82.4
132	99.4	68.0	126.4
130	101.8	69.2	128.4

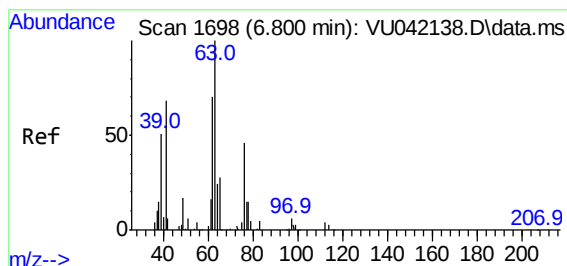
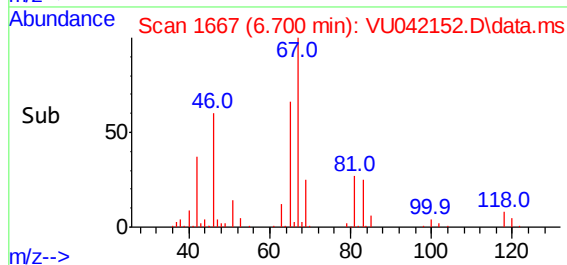
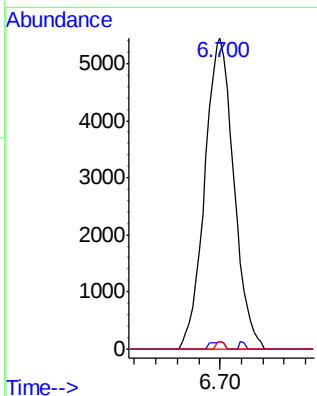
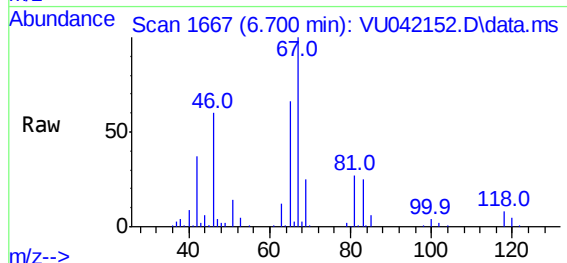




#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

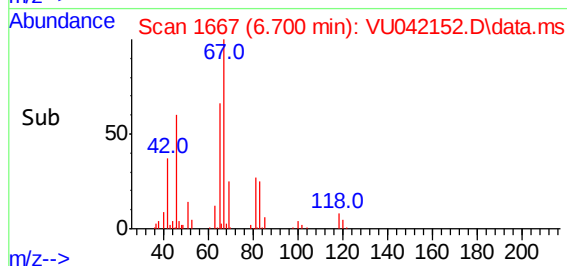
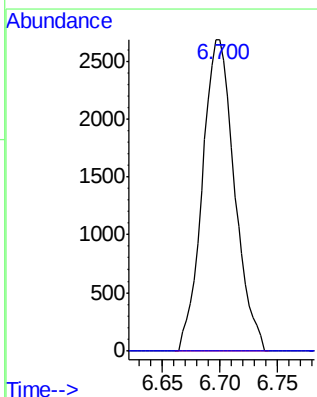
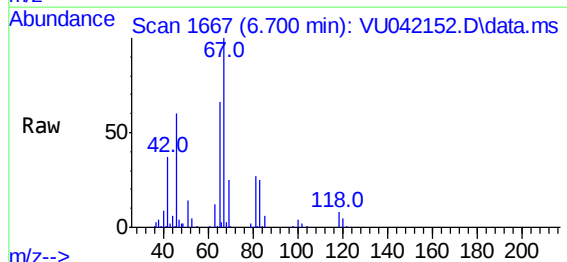
Instrument :
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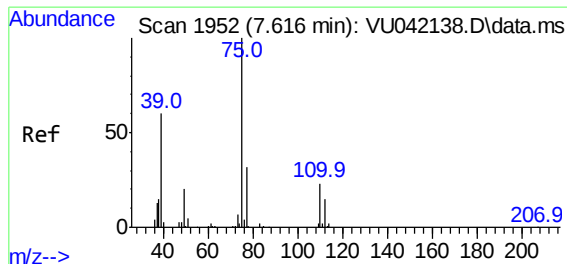
Tgt Ion: 83 Resp: 10210
Ion Ratio Lower Upper
83 100
55 1.1 68.2 102.4#
98 0.7 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion: 63 Resp: 5183
Ion Ratio Lower Upper
63 100
112 3.6 3.4 5.0

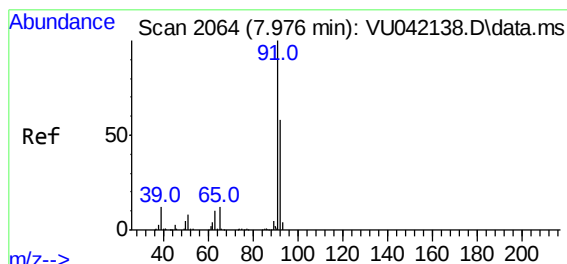
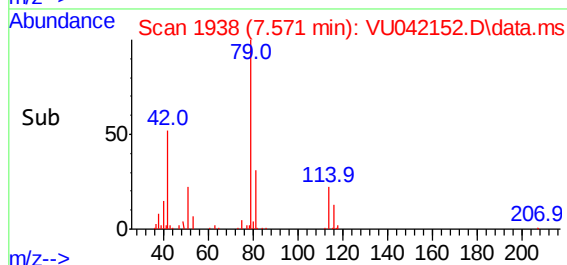
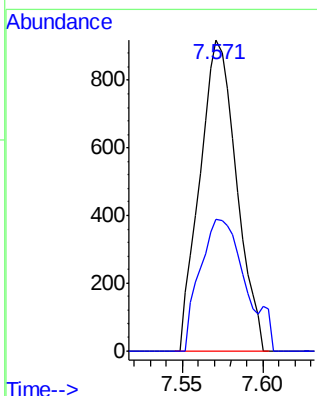
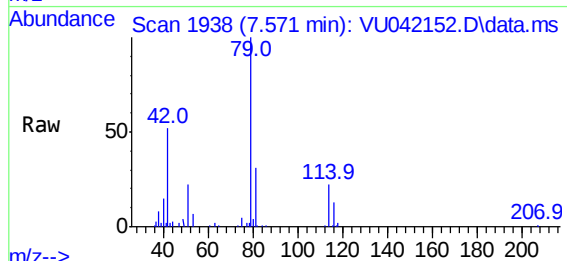




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU042152.D
 Acq: 21 Jan 2021 15:46

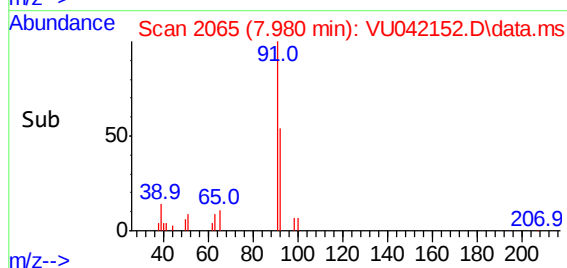
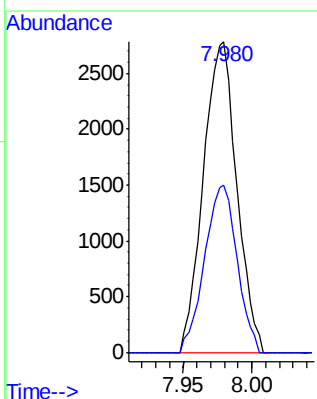
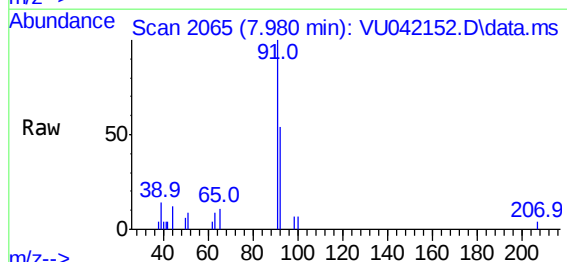
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT93DL

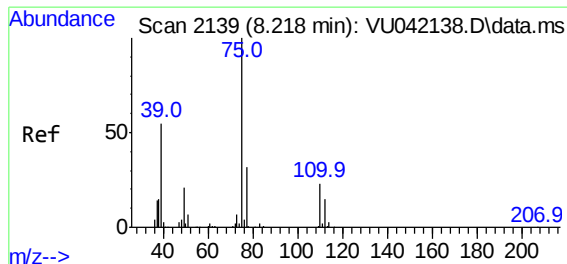
Tgt Ion: 75 Resp: 1427
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.0 40.8#



#42
 Toluene
 Concen: 0.15 ug/L
 RT: 7.980 min Scan# 2065
 Delta R.T. 0.003 min
 Lab File: VU042152.D
 Acq: 21 Jan 2021 15:46

Tgt Ion: 91 Resp: 4677
 Ion Ratio Lower Upper
 91 100
 92 53.9 41.2 76.6



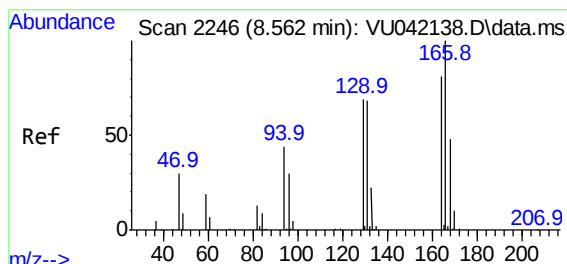
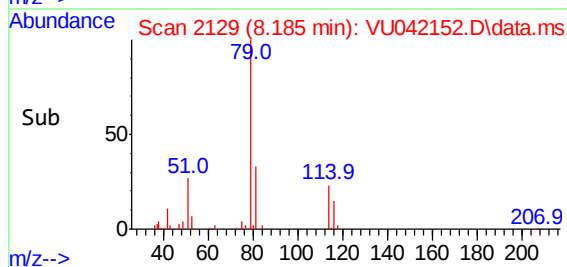
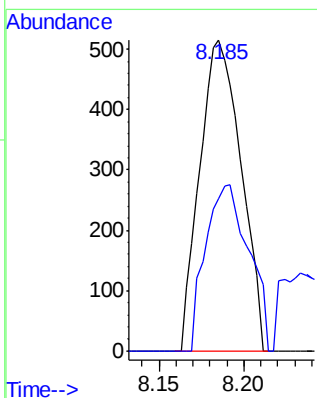
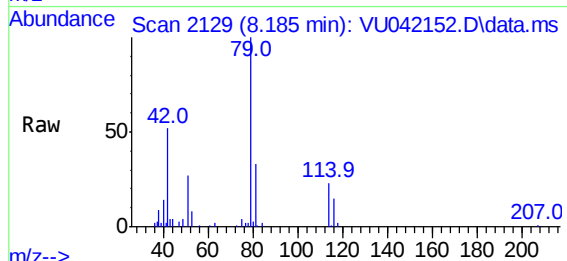


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Instrument :
MSVOA_U
ClientSampleId :
BFT93DL

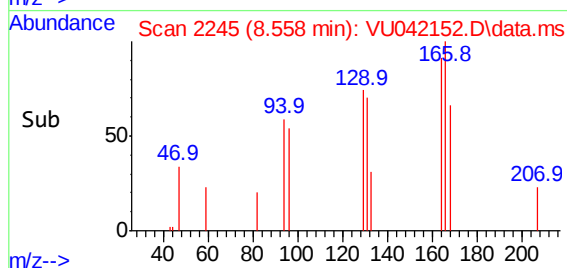
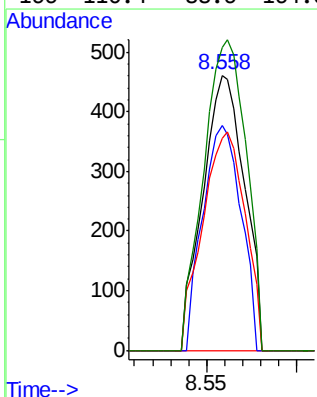
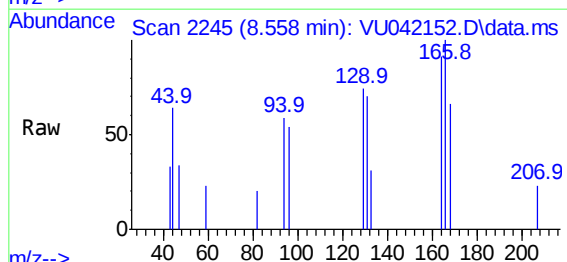
Tgt Ion: 75 Resp: 872
Ion Ratio Lower Upper
75 100
77 48.9 21.8 40.4#

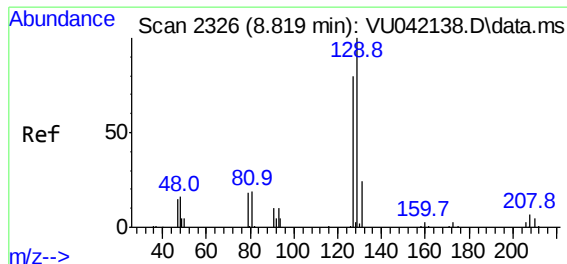


#47

Tetrachloroethene
Concen: 0.11 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion:164 Resp: 736
Ion Ratio Lower Upper
164 100
129 82.0 64.3 119.5
131 77.0 62.2 115.6
166 110.4 88.6 164.6

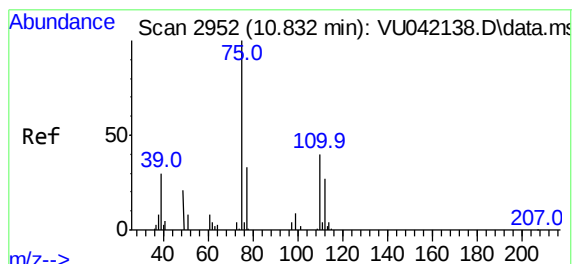
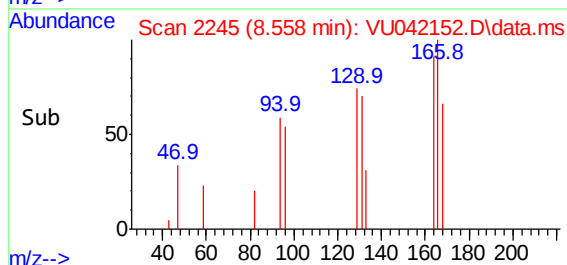
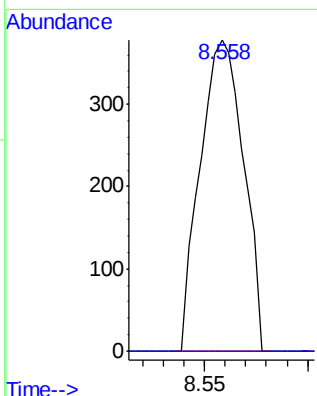
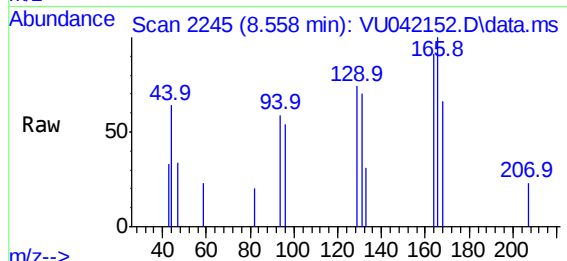




#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

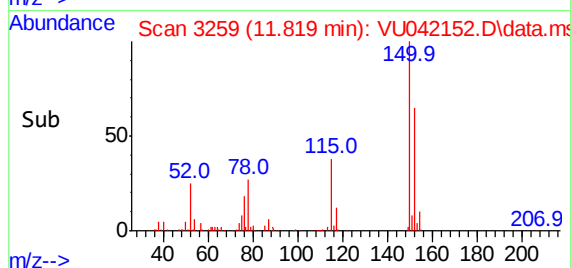
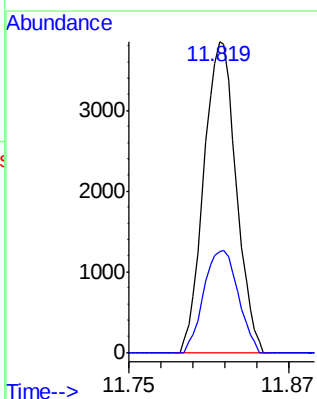
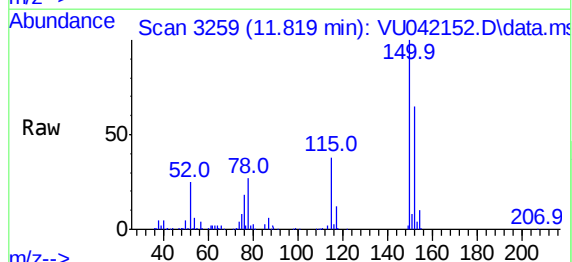
Instrument :
MSVOA_U
ClientSampleId :
BFT93DL

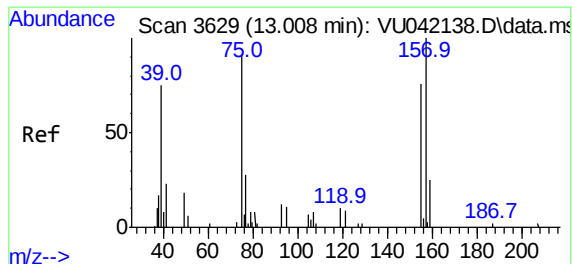
Tgt Ion:129 Resp: 552
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.14 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion: 75 Resp: 6257
Ion Ratio Lower Upper
75 100
77 34.8 26.0 39.0

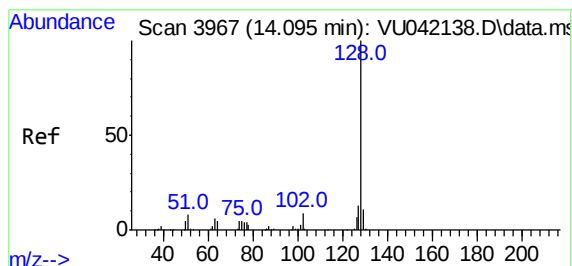
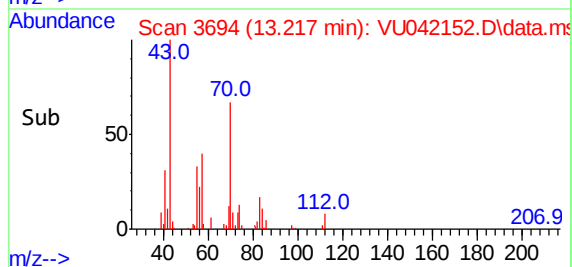
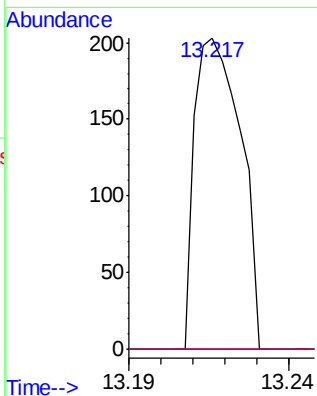
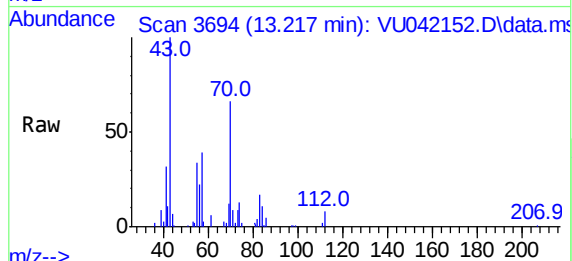




#66
1,2-Dibromo-3-chloropropane
Concen: 0.17 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.209 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Instrument :
MSVOA_U
ClientSampleId :
BFT93DL

Tgt Ion: 75 Resp: 226
Ion Ratio Lower Upper
75 100
155 0.0 69.0 103.6#
157 0.0 91.0 136.6#



#69
Naphthalene
Concen: 0.16 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042152.D
Acq: 21 Jan 2021 15:46

Tgt Ion: 128 Resp: 2411
Ion Ratio Lower Upper
128 100
129 4.4 8.7 13.1#
127 10.8 10.6 15.8

