

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042151.D
 Acq On : 21 Jan 2021 15:24
 Operator : SY/MD
 Sample : M1170-11DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT92DL

Quant Time: Jan 22 02:49:21 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	109800	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	99536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52425	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31871	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.916	69	26472	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.572	63	55135	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.649	46	134473	52.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	5.073	84	69416	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.710	65	44493	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.735	84	130928	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.700	67	42964	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	120248	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	8.185	79	20418	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.642	63	100050	54.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.14%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36282	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	48359	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2235	0.24	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	367	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	484	0.07	ug/L #	1
13) Acetone	2.658	43	16762	9.74	ug/L	99
14) Carbon disulfide	2.797	76	3164	0.13	ug/L	96
16) Methylene chloride	3.051	84	1490	0.17	ug/L	95
21) 2-Butanone	4.732	43	4037	1.40	ug/L #	73
27) 1,2-Dichloroethane	5.729	62	772	0.07	ug/L #	75
33) Benzene	5.784	78	966	0.03	ug/L	100
34) Trichloroethene	6.549	95	45889	5.81	ug/L	99
35) Methylcyclohexane	6.700	83	10425	0.79	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	5281	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1411	0.11	ug/L #	59
42) Toluene	7.980	91	4429	0.14	ug/L	90
44) trans-1,3-Dichloropropene	8.185	75	936	0.08	ug/L #	81
47) Tetrachloroethene	8.562	164	437	0.07	ug/L	94
49) Dibromochloromethane	8.558	129	475	0.06	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	5768	1.06	ug/L	93
66) 1,2-Dibromo-3-chloropr...	13.221	75	103	0.08	ug/L #	1
69) Naphthalene	14.098	128	2394	0.16	ug/L #	93

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

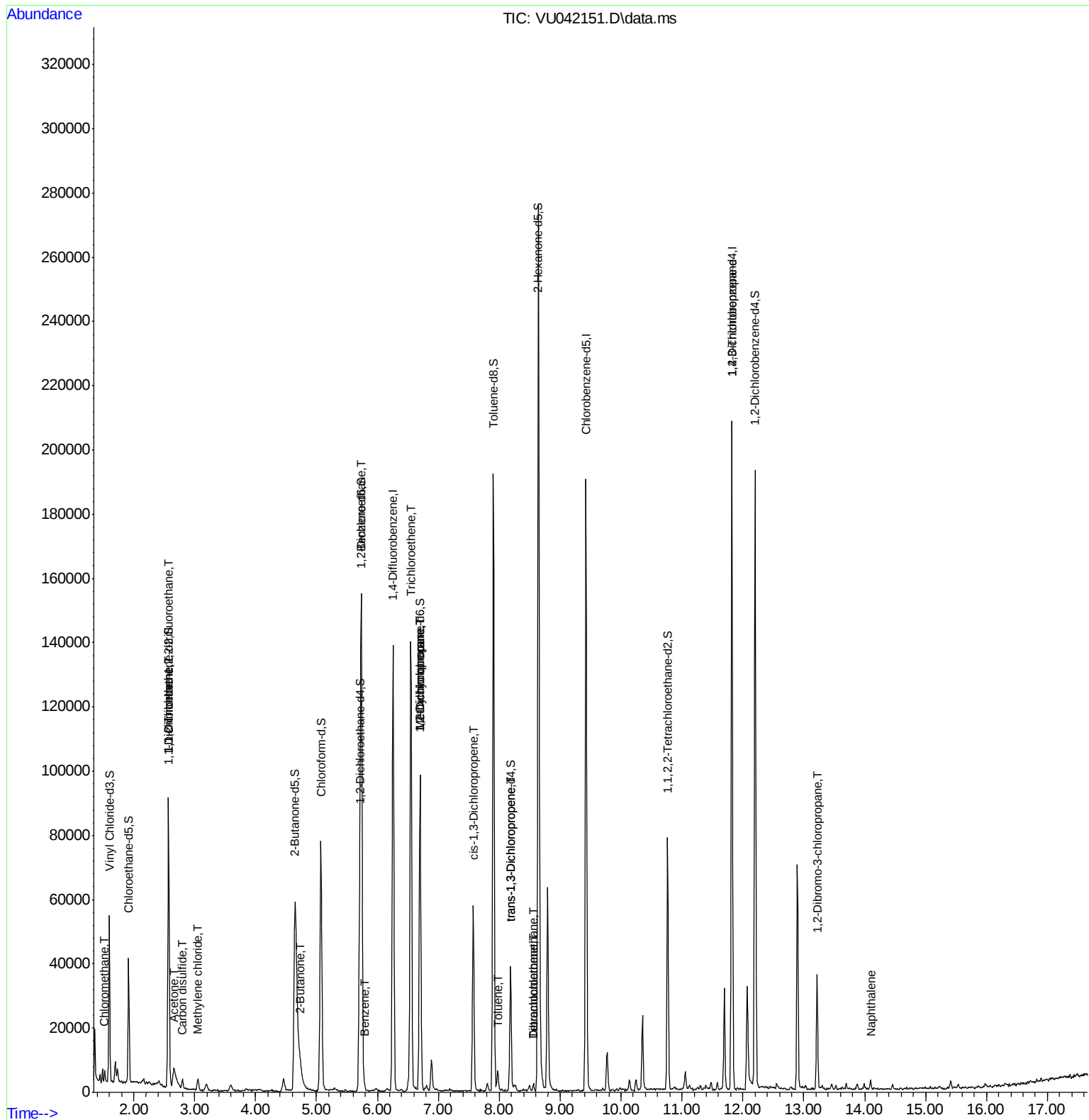
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

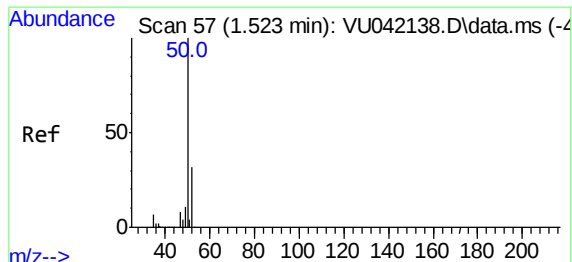
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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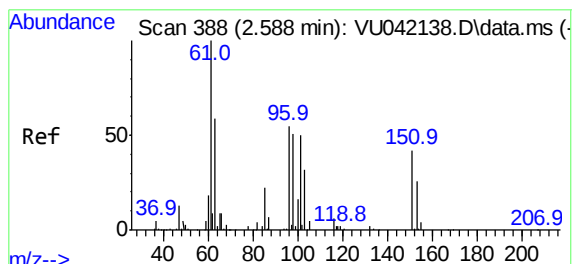
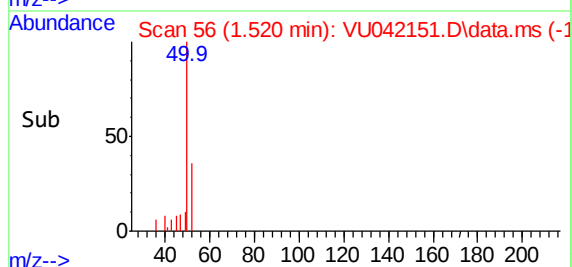
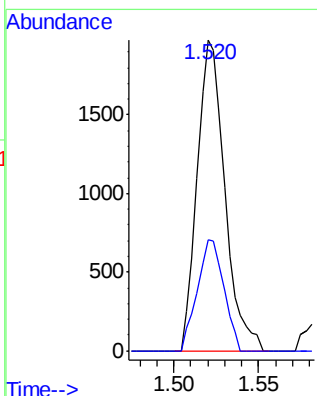
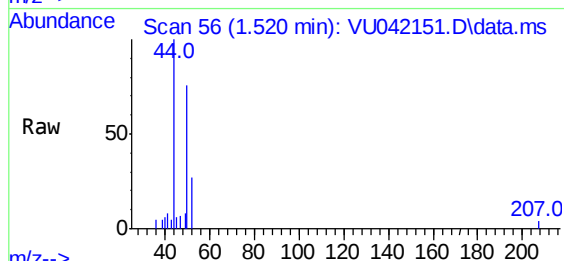




#3
Chloromethane
Concen: 0.24 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

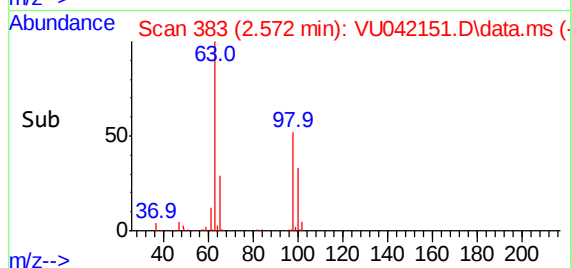
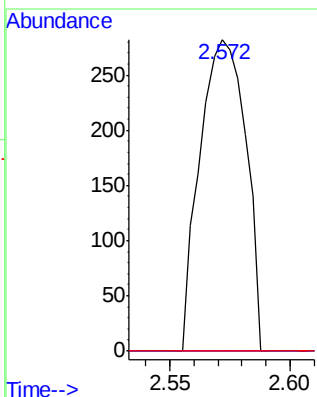
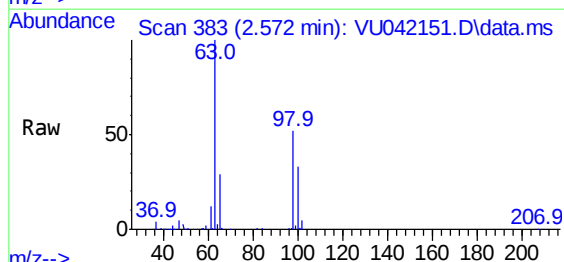
Instrument :
MSVOA_U
ClientSampleId :
BFT92DL

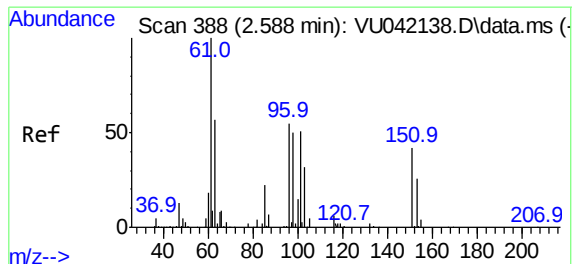
Tgt Ion: 50 Resp: 2235
Ion Ratio Lower Upper
50 100
52 35.6 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Tgt Ion: 101 Resp: 367
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

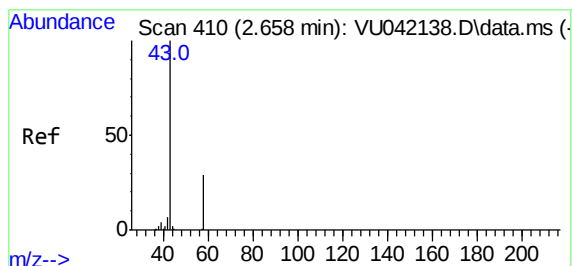
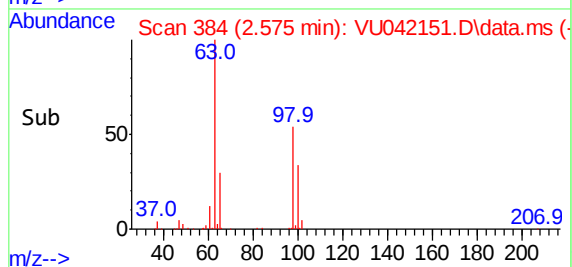
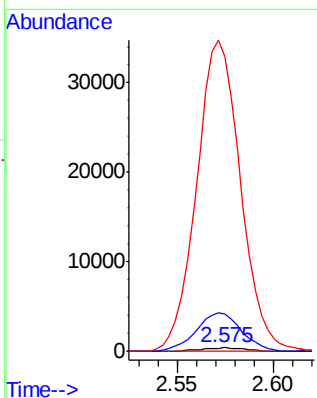
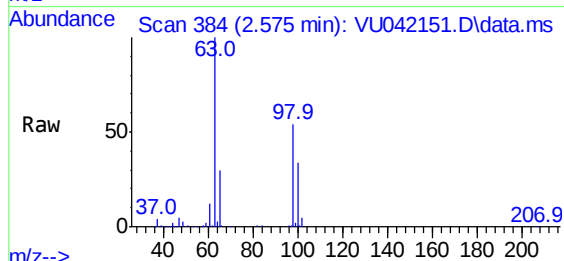




#12
1,1-Dichloroethene
Concen: 0.07 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

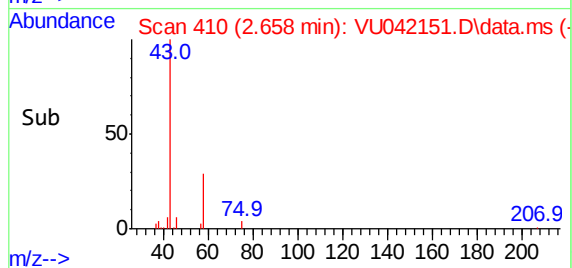
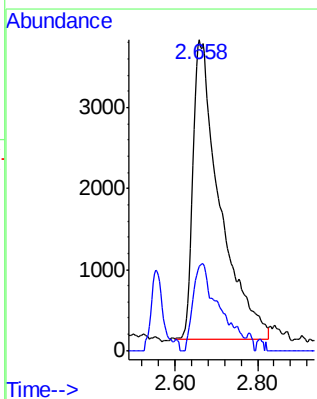
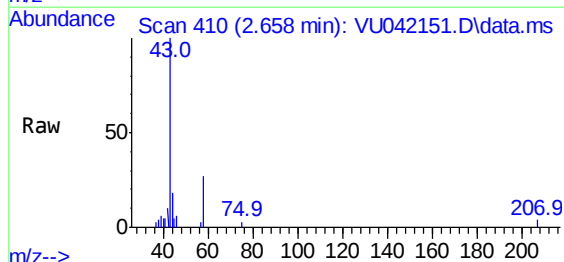
Instrument :
MSVOA_U
ClientSampleId :
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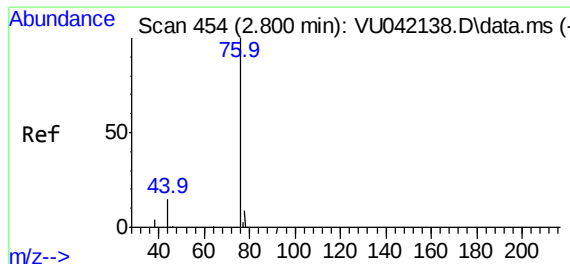
Tgt Ion: 96 Resp: 484
Ion Ratio Lower Upper
96 100
61 1212.1 126.2 234.4#
63 9727.8 77.8 144.4#



#13
Acetone
Concen: 9.74 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Tgt Ion: 43 Resp: 16762
Ion Ratio Lower Upper
43 100
58 28.4 0.0 55.8

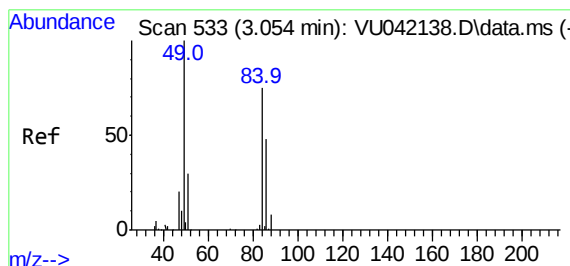
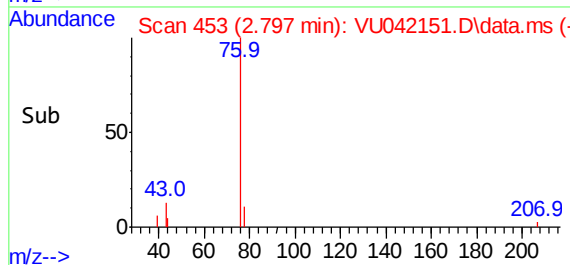
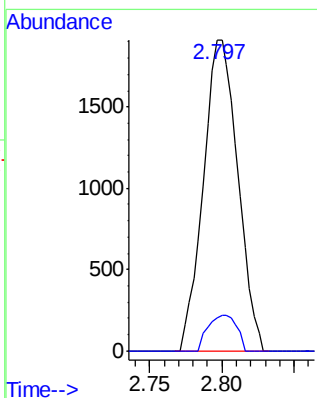
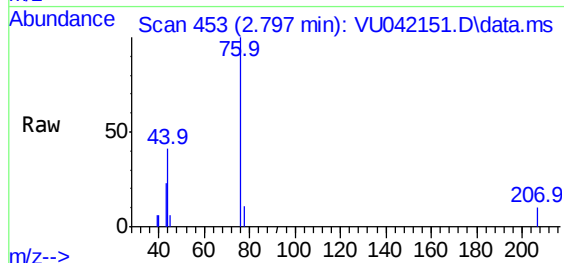




#14
Carbon disulfide
Concen: 0.13 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

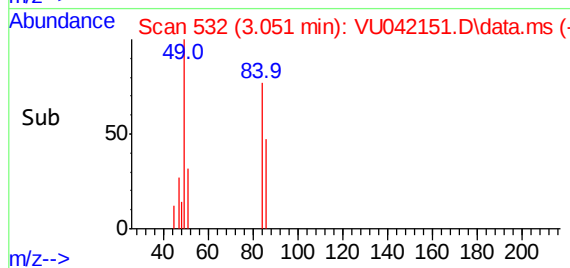
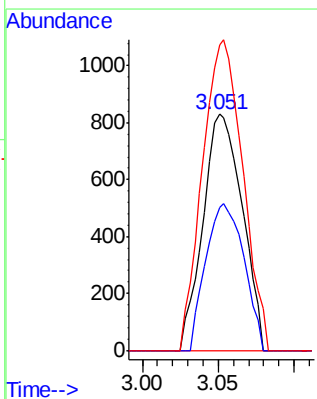
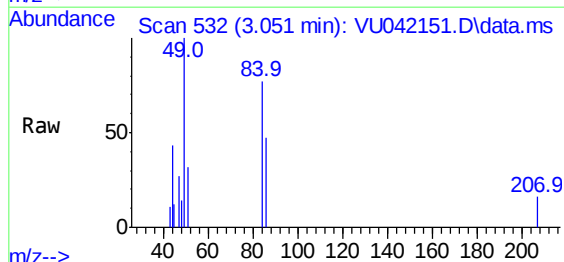
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MSVOA_U
ClientSampleId :
BFT92DL

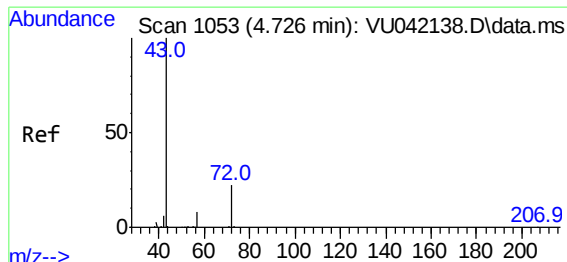
Tgt Ion: 76 Resp: 3164
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9



#16
Methylene chloride
Concen: 0.17 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Tgt Ion: 84 Resp: 1490
Ion Ratio Lower Upper
84 100
86 60.6 44.1 81.9
49 129.4 95.0 176.4

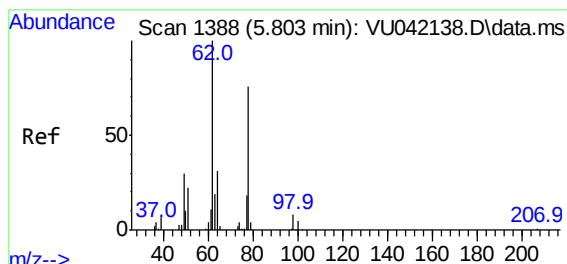
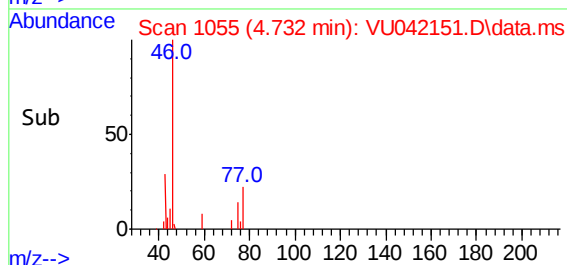
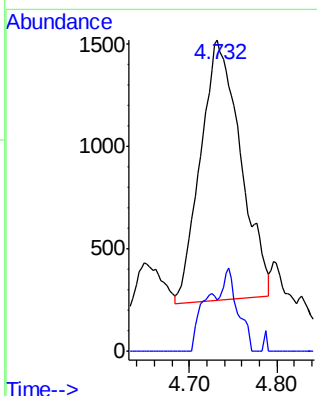
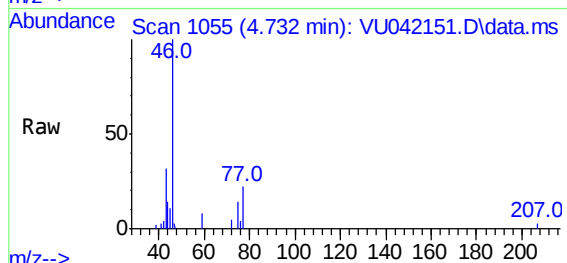




#21
2-Butanone
Concen: 1.40 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

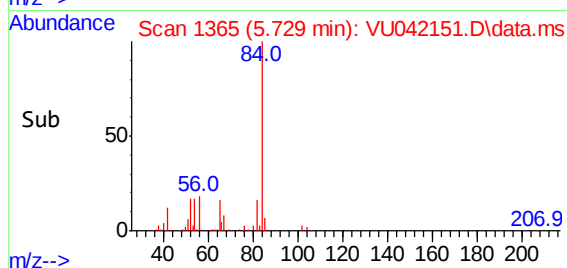
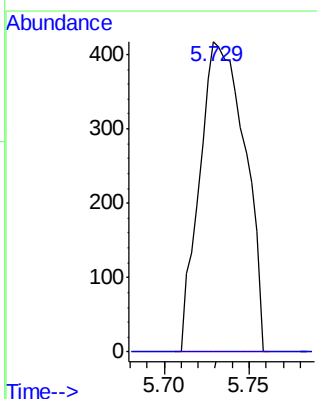
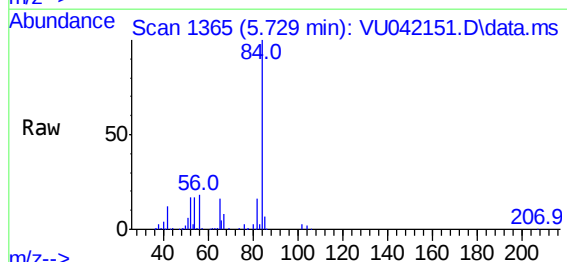
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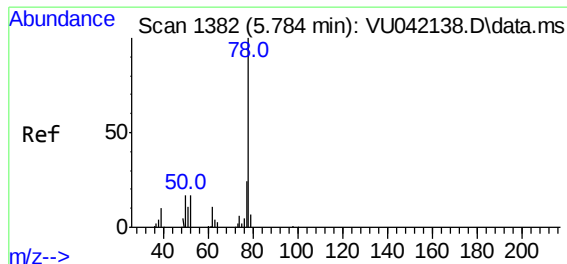
Tgt Ion: 43 Resp: 4037
Ion Ratio Lower Upper
43 100
72 10.0 11.7 35.1#



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.074 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Tgt Ion: 62 Resp: 772
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

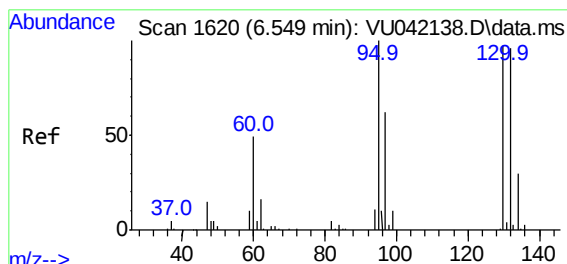
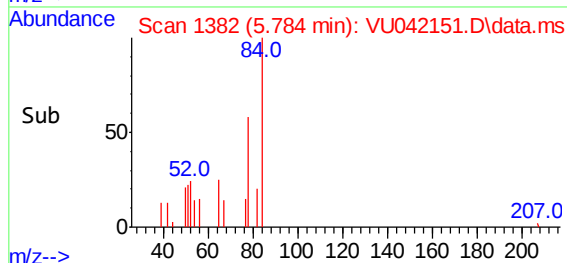
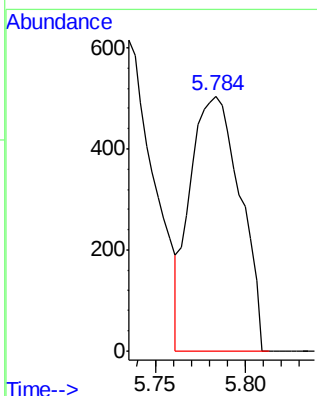
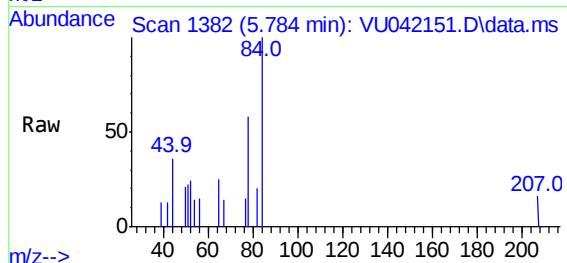




#33
Benzene
Concen: 0.03 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

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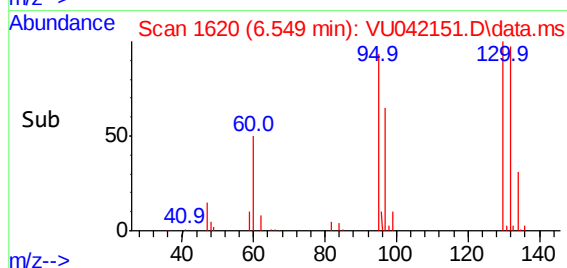
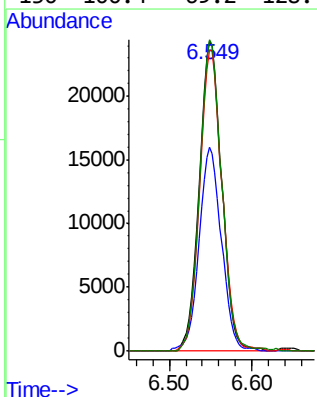
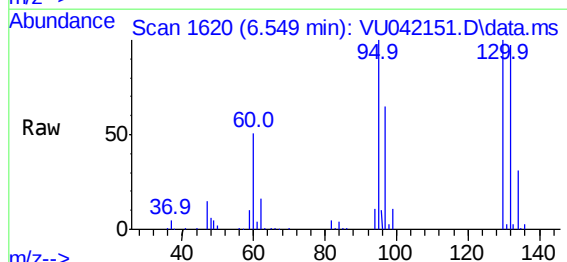
Tgt Ion: 78 Resp: 966

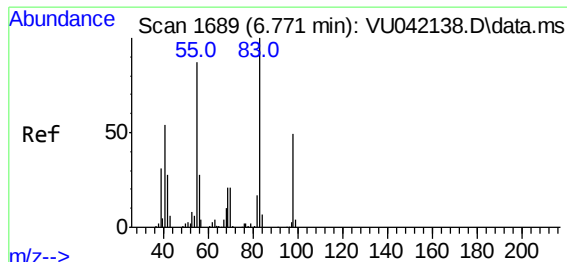


#34
Trichloroethene
Concen: 5.81 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
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Tgt Ion: 95 Resp: 45889

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.4	82.4
132	97.1	68.0	126.4
130	100.4	69.2	128.4

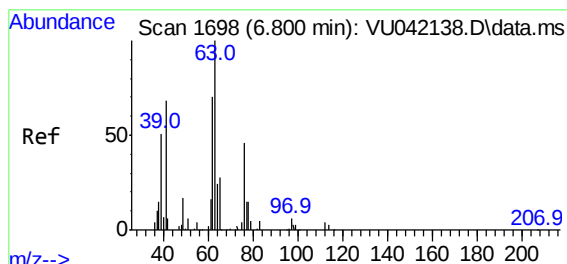
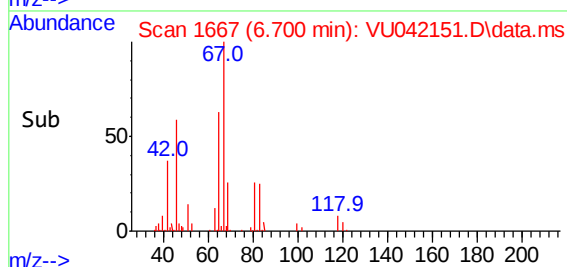
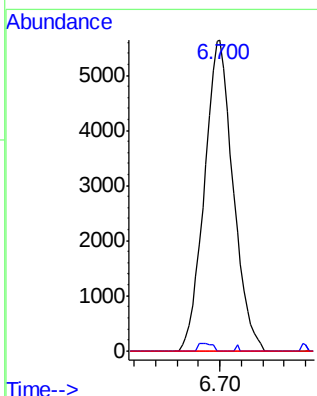
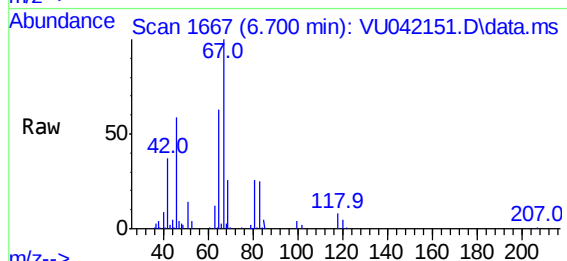




#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

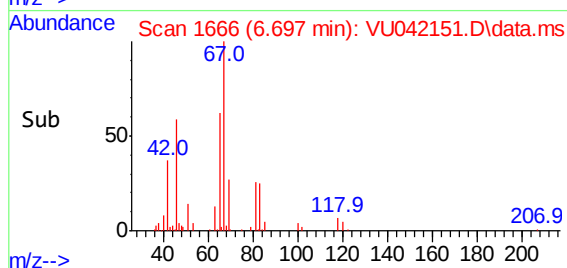
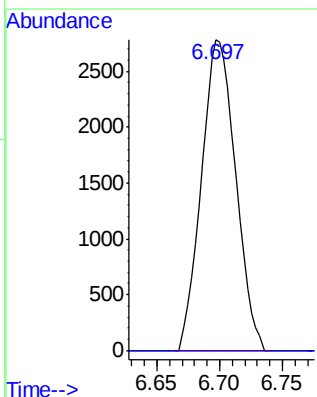
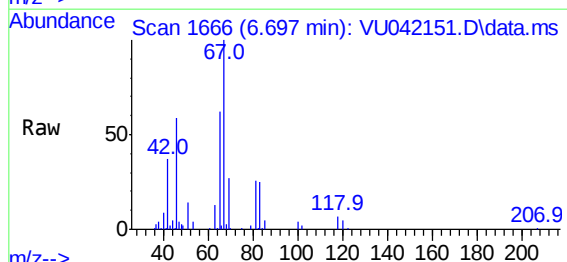
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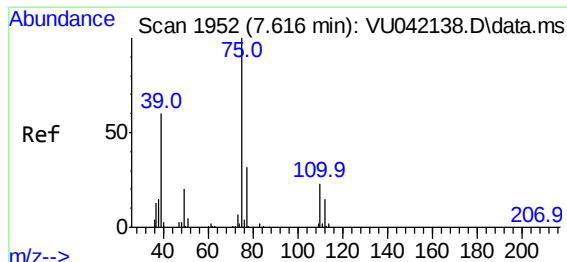
Tgt Ion: 83 Resp: 10425
Ion Ratio Lower Upper
83 100
55 1.1 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Tgt Ion: 63 Resp: 5281
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

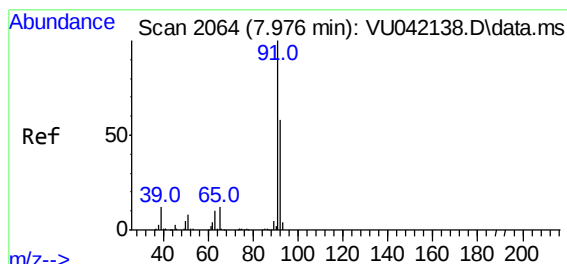
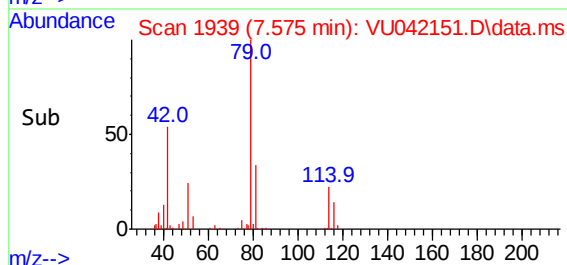
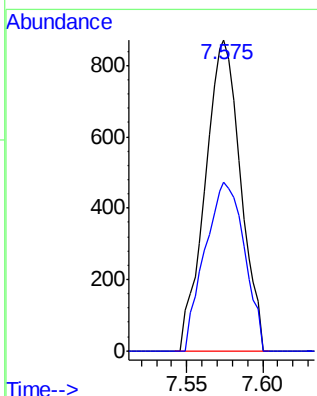
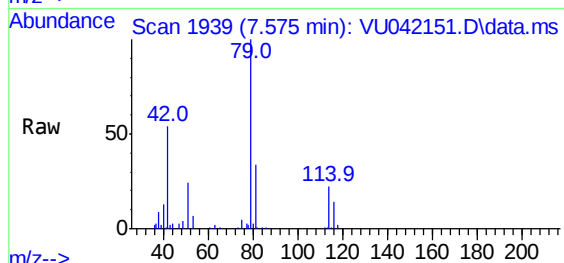




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

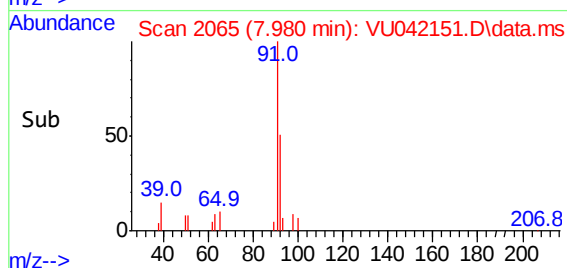
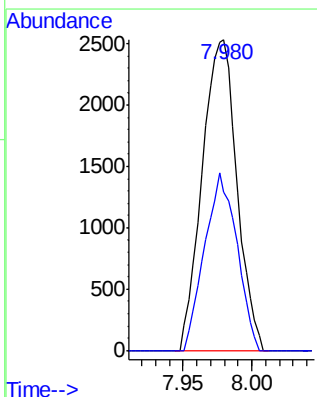
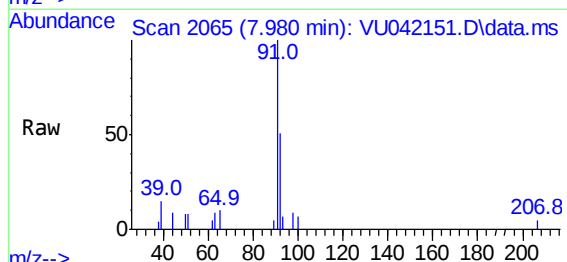
Instrument :
MSVOA_U
ClientSampleId :
BFT92DL

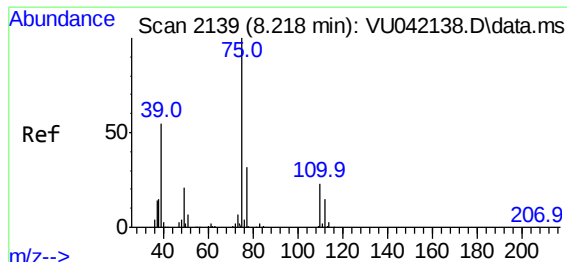
Tgt Ion: 75 Resp: 1411
Ion Ratio Lower Upper
75 100
77 54.2 22.0 40.8#



#42
Toluene
Concen: 0.14 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Tgt Ion: 91 Resp: 4429
Ion Ratio Lower Upper
91 100
92 51.0 41.2 76.6



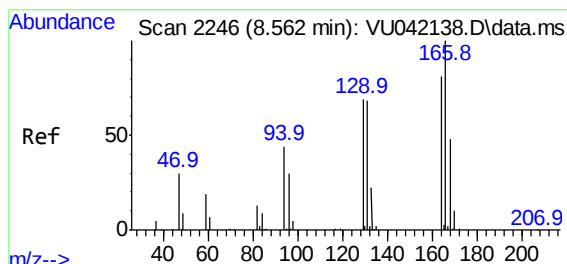
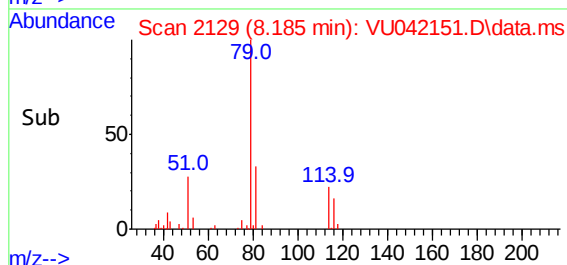
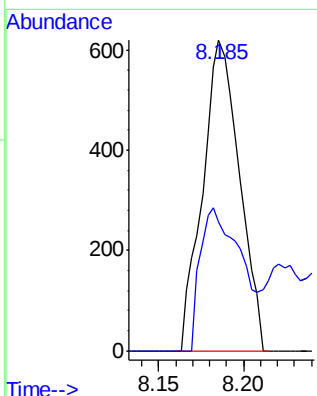
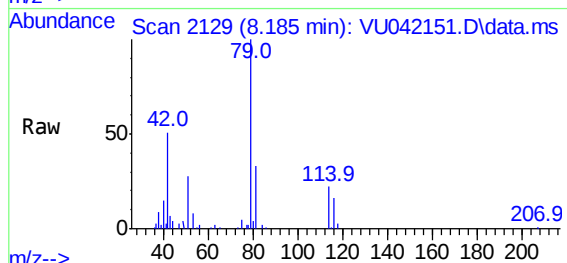


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Instrument :
MSVOA_U
ClientSampleId :
BFT92DL

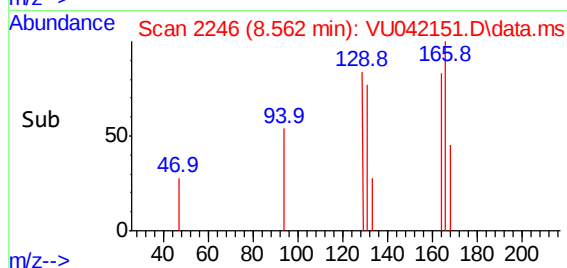
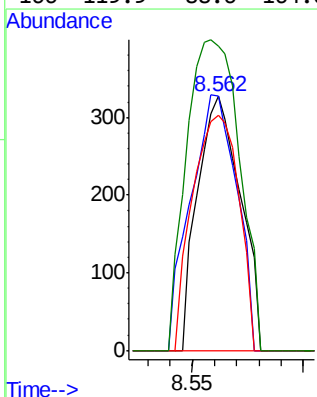
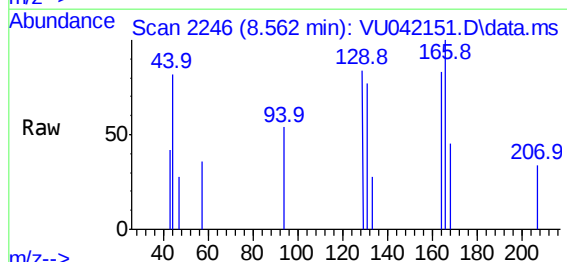
Tgt Ion: 75 Resp: 936
Ion Ratio Lower Upper
75 100
77 41.6 21.8 40.4#

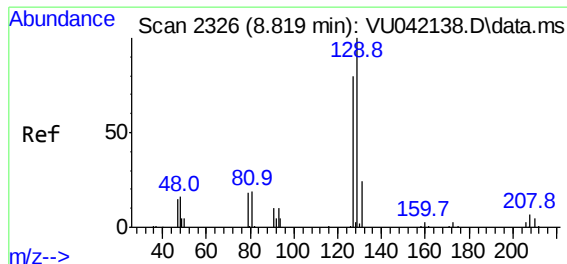


#47

Tetrachloroethene
Concen: 0.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Tgt Ion: 164 Resp: 437
Ion Ratio Lower Upper
164 100
129 100.3 64.3 119.5
131 92.4 62.2 115.6
166 119.9 88.6 164.6

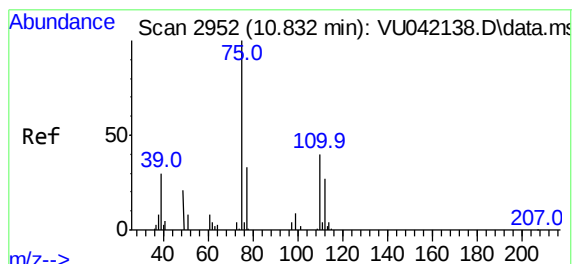
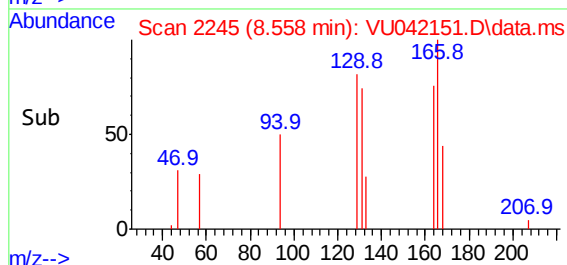
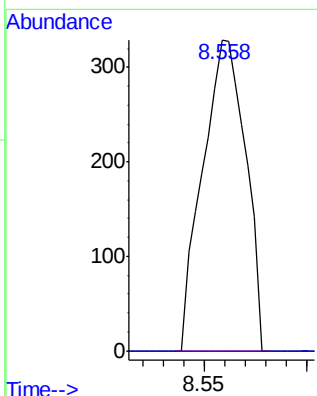
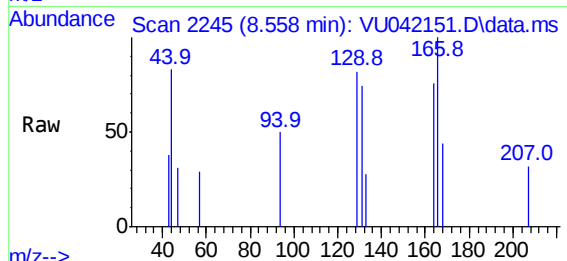




#49
Dibromochloromethane
Concen: 0.06 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

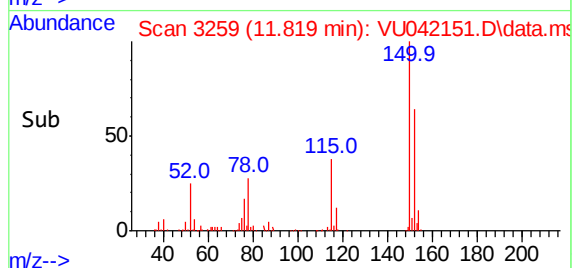
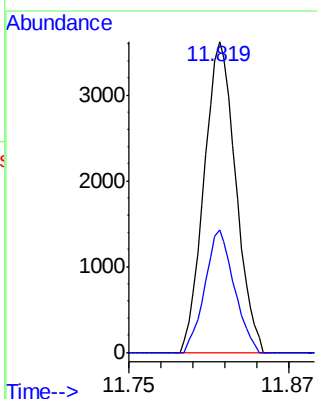
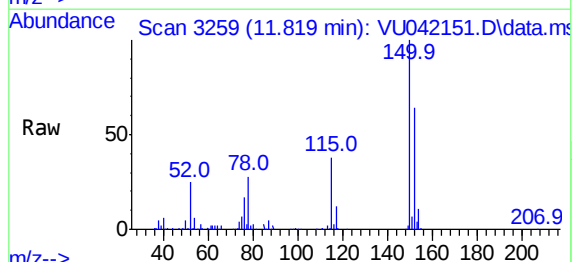
Instrument :
MSVOA_U
ClientSampleId :
BFT92DL

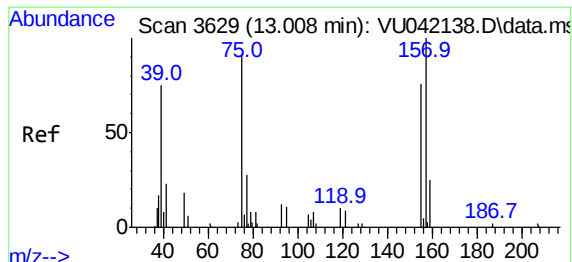
Tgt Ion:129 Resp: 475
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.06 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Tgt Ion: 75 Resp: 5768
Ion Ratio Lower Upper
75 100
77 36.3 26.0 39.0

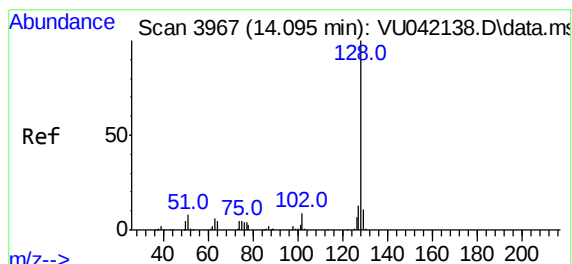
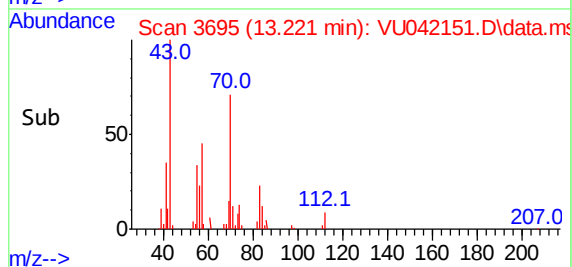
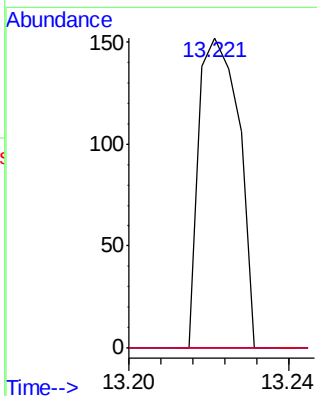
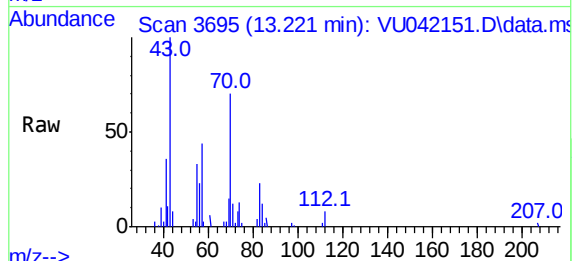




#66
1,2-Dibromo-3-chloropropane
Concen: 0.08 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.212 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Instrument :
MSVOA_U
ClientSampleId :
BFT92DL

Tgt Ion: 75 Resp: 103
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: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042151.D
Acq: 21 Jan 2021 15:24

Tgt Ion: 128 Resp: 2394
Ion Ratio Lower Upper
128 100
129 9.0 8.7 13.1
127 9.8 10.6 15.8#

