

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042027.D
 Acq On : 14 Jan 2021 12:14
 Operator : SY/MD
 Sample : M1027-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK7DL

Quant Time: Jan 15 05:22:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

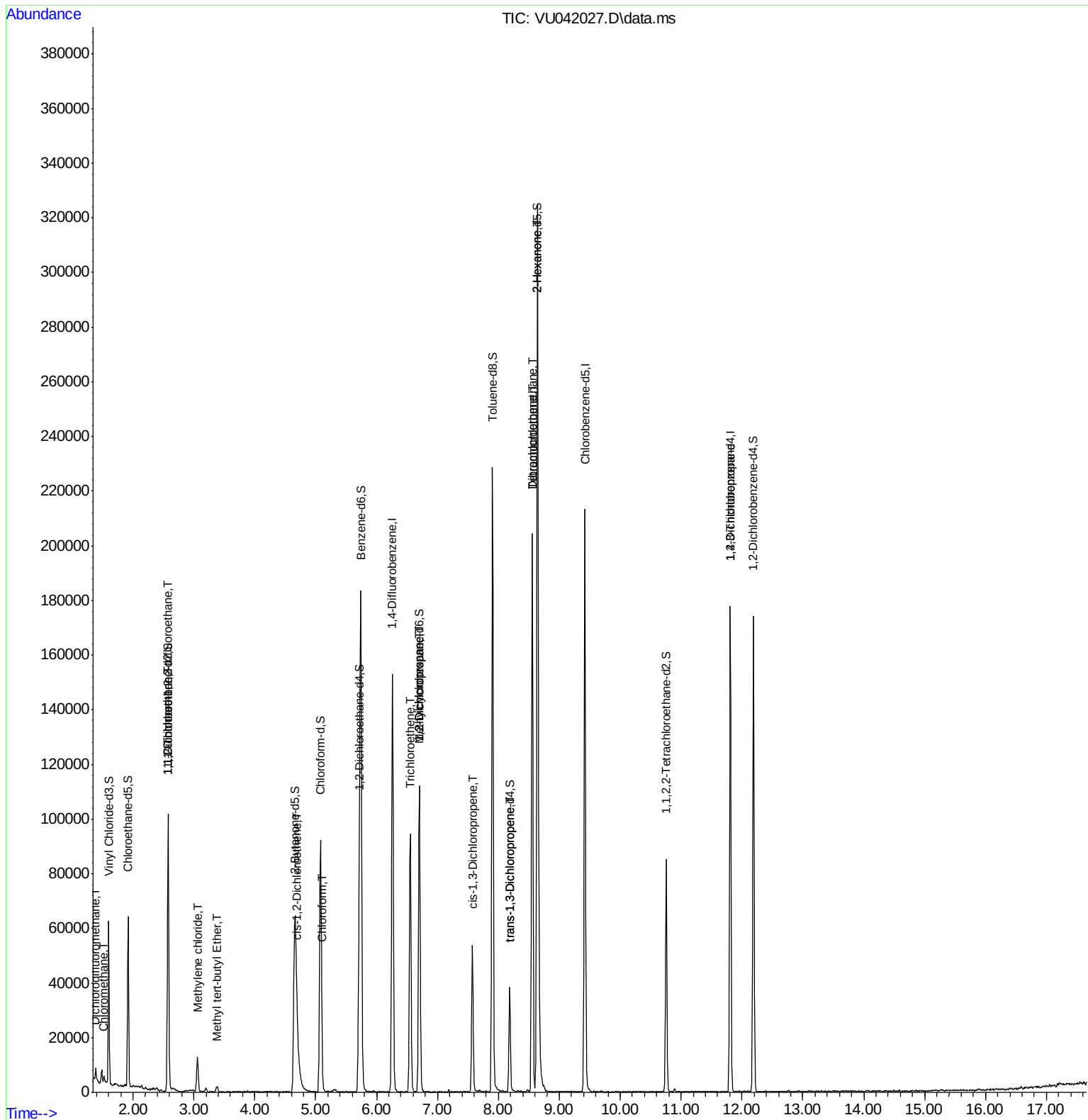
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	124014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	46686	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39745	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.919	69	42536	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.575	63	61610	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.655	46	145259	46.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.50%			
24) Chloroform-d	5.080	84	87582	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.716	65	50585	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.742	84	166264	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.700	67	55965	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.60%			
41) Toluene-d8	7.903	98	154308	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloroprop...	8.186	79	23476	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.642	63	130443	51.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.42%			
57) 1,1,2,2-Tetrachloroeth...	10.755	84	42891	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	12.189	152	44987	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1144	0.10	ug/L #	79
3) Chloromethane	1.520	50	1684	0.12	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	474	0.05	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	799	0.08	ug/L #	1
16) Methylene chloride	3.060	84	6027	0.53	ug/L	89
17) Methyl tert-butyl Ether	3.375	73	2691	0.11	ug/L #	77
22) cis-1,2-Dichloroethene	4.687	96	2177	0.21	ug/L	87
25) Chloroform	5.099	83	1373	0.07	ug/L	93
34) Trichloroethene	6.552	95	34526	3.20	ug/L	97
35) Methylcyclohexane	6.703	83	12680	0.74	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5923	0.53	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1338	0.08	ug/L #	67
44) trans-1,3-Dichloropropene	8.186	75	910	0.06	ug/L #	36
47) Tetrachloroethene	8.559	164	45092	6.45	ug/L	96
48) 2-Hexanone	8.642	43	13531	2.59	ug/L #	65
49) Dibromochloromethane	8.559	129	45606	5.28	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5171	0.70	ug/L	97

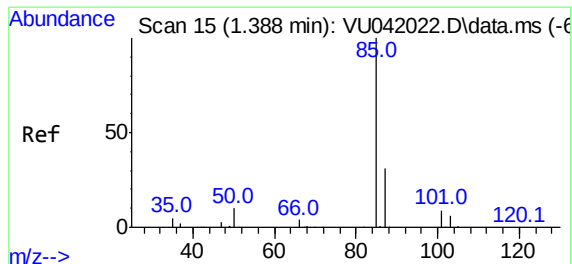
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_U
ClientSampleId :
BFXK7DL

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Quant Title : TRACE VOA SOM01.0
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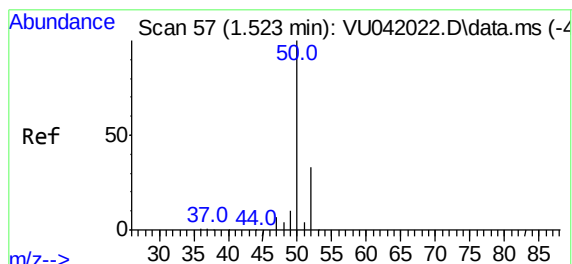
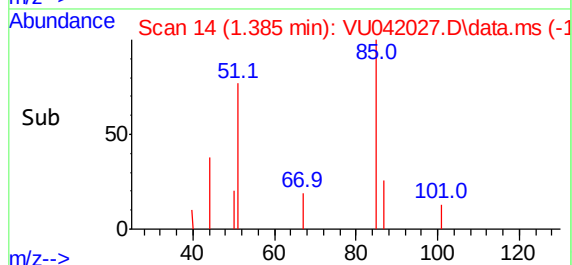
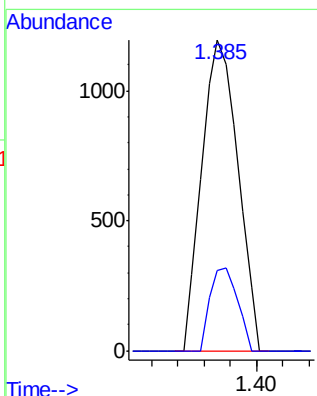
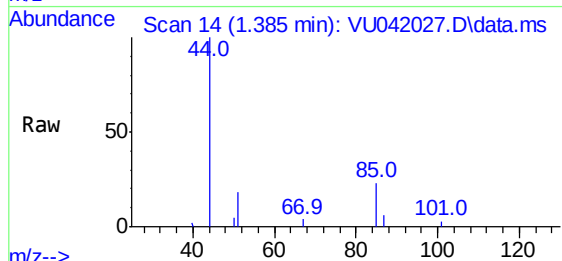




#2
Dichlorodifluoromethane
Concen: 0.10 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

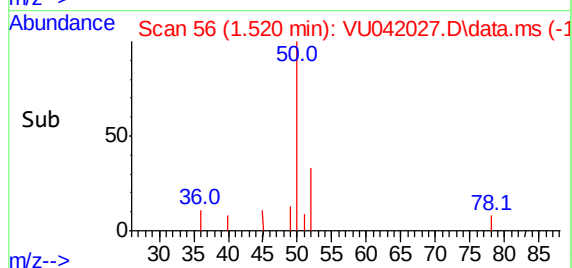
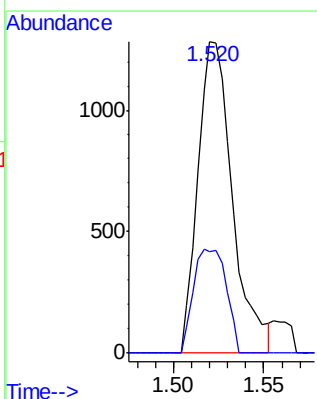
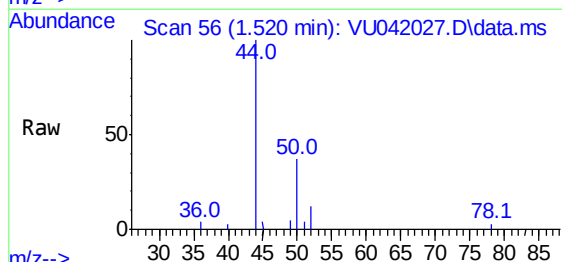
Instrument :
MSVOA_U
ClientSampleId :
BFXK7DL

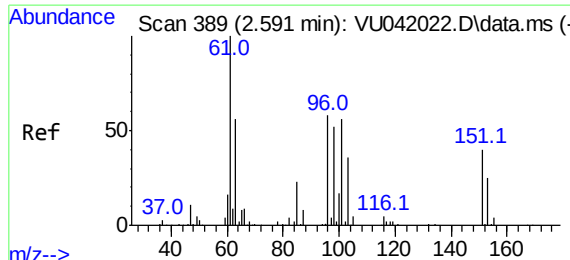
Tgt Ion: 85 Resp: 1144
Ion Ratio Lower Upper
85 100
87 20.3 25.7 38.5#



#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

Tgt Ion: 50 Resp: 1684
Ion Ratio Lower Upper
50 100
52 32.7 23.5 43.7

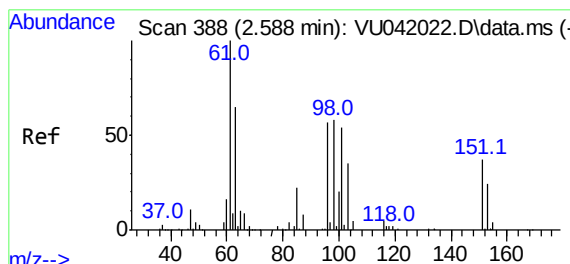
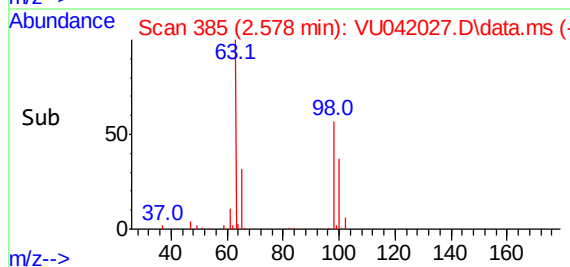
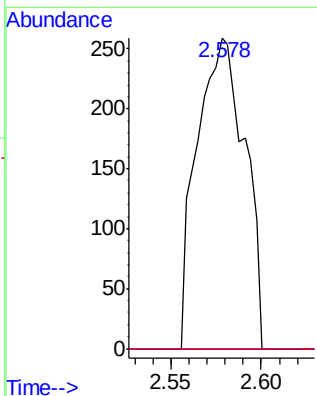
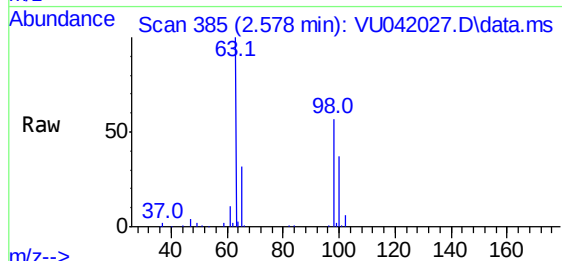




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.013 min
 Lab File: VU042027.D
 Acq: 14 Jan 2021 12:14

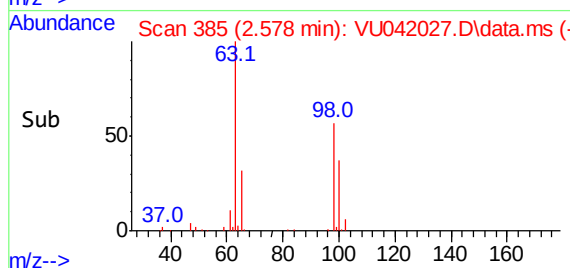
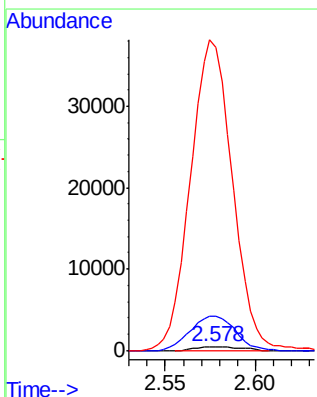
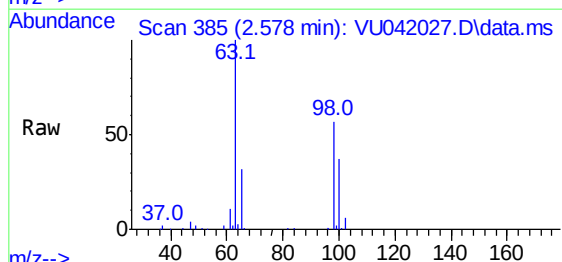
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK7DL

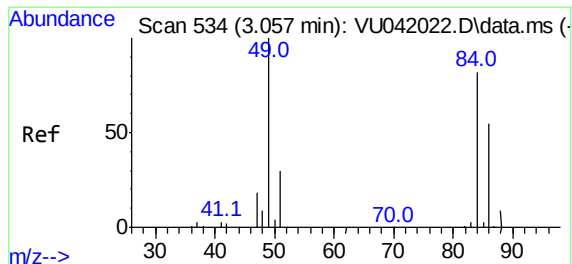
Tgt Ion:101 Resp: 474
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 0.0 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.08 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.009 min
 Lab File: VU042027.D
 Acq: 14 Jan 2021 12:14

Tgt Ion: 96 Resp: 799
 Ion Ratio Lower Upper
 96 100
 61 938.3 122.2 226.9#
 63 8290.4 82.8 153.8#



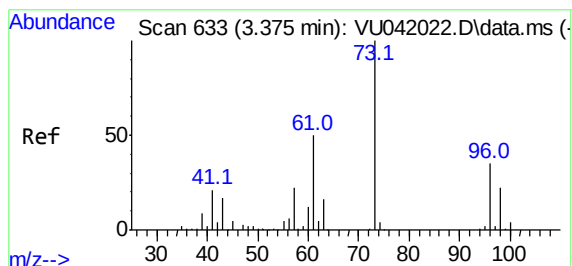
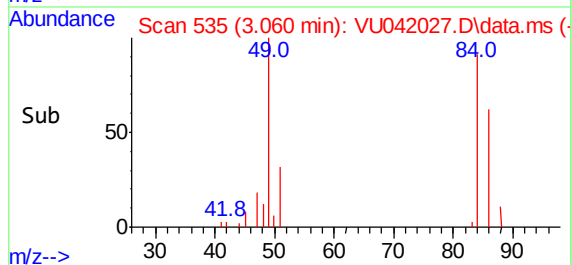
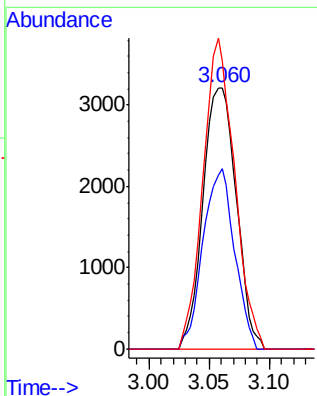
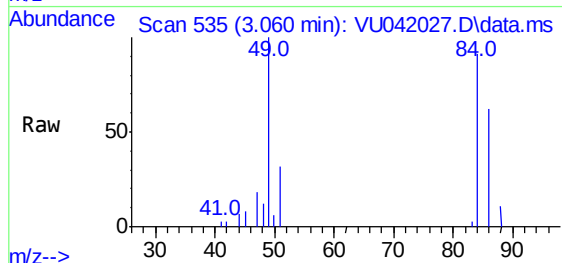


#16
Methylene chloride
Concen: 0.53 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

Instrument :
MSVOA_U
ClientSampleId :
BFXK7DL

Tgt Ion: 84 Resp: 6027

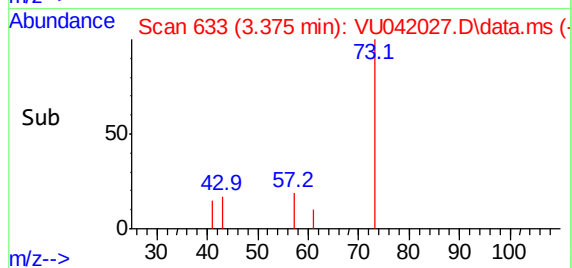
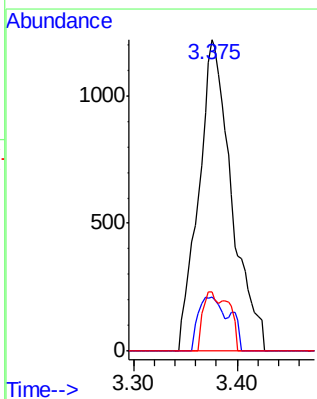
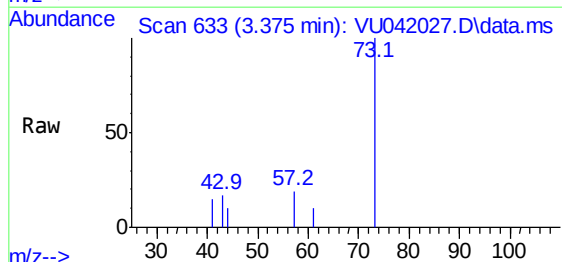
Ion	Ratio	Lower	Upper
84	100		
86	69.0	42.6	79.0
49	110.4	86.2	160.0

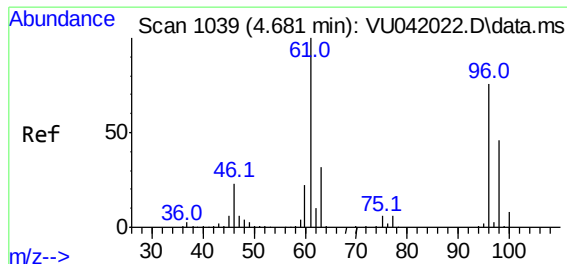


#17
Methyl tert-butyl Ether
Concen: 0.11 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

Tgt Ion: 73 Resp: 2691

Ion	Ratio	Lower	Upper
73	100		
43	12.3	15.1	22.7#
57	8.5	18.0	27.0#



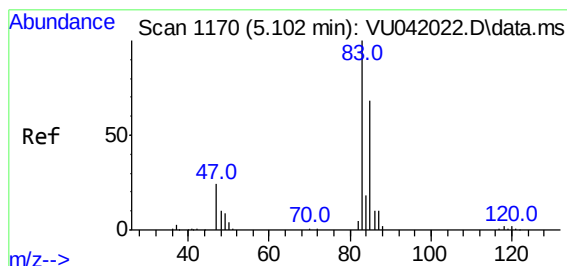
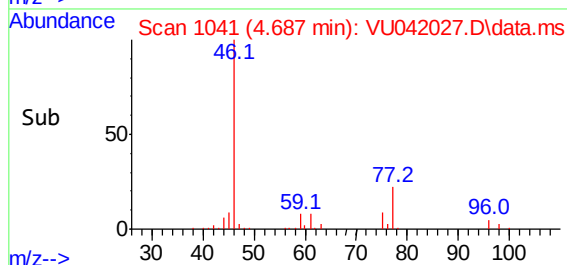
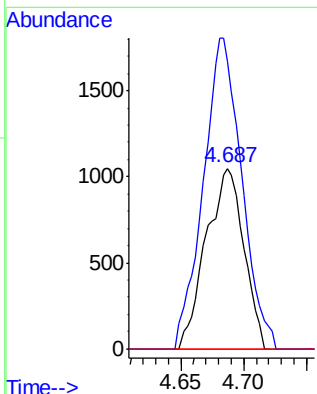
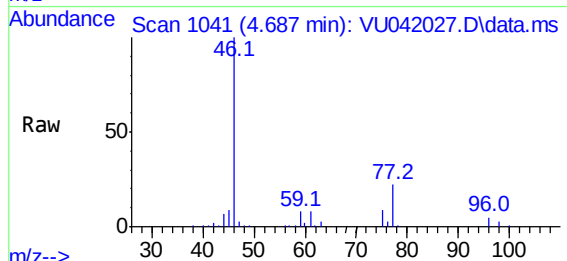


#22
cis-1,2-Dichloroethene
Concen: 0.21 ug/L
RT: 4.687 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

Instrument :
MSVOA_U
ClientSampleId :
BFXK7DL

Tgt Ion: 96 Resp: 2177

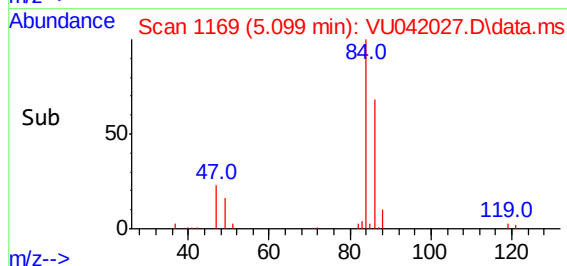
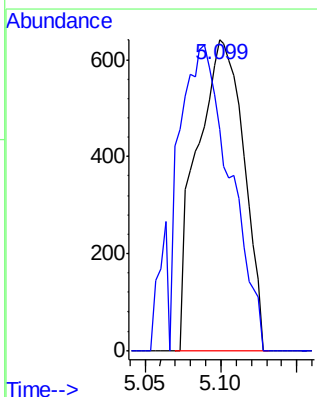
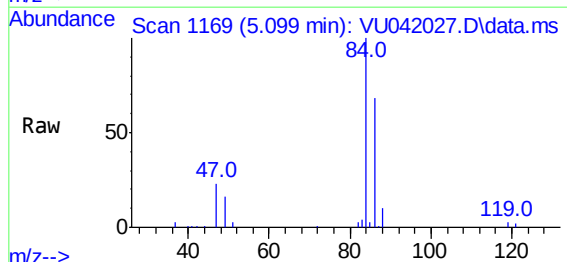
Ion	Ratio	Lower	Upper
96	100		
61	159.7	100.3	186.3
68	0.0	0.0	0.0

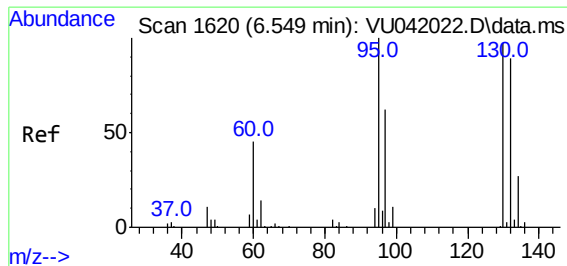


#25
Chloroform
Concen: 0.07 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.003 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

Tgt Ion: 83 Resp: 1373

Ion	Ratio	Lower	Upper
83	100		
85	71.1	46.1	85.7





#34

Trichloroethene

Concen: 3.20 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU042027.D

Acq: 14 Jan 2021 12:14

Tgt Ion: 95 Resp: 34526

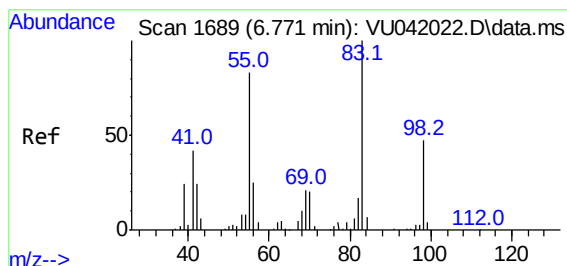
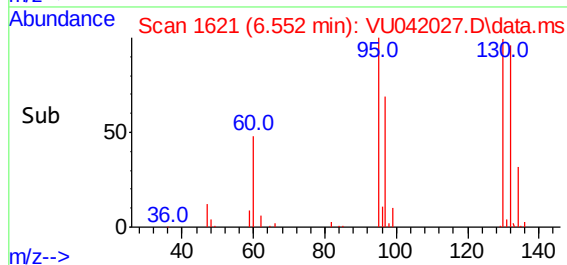
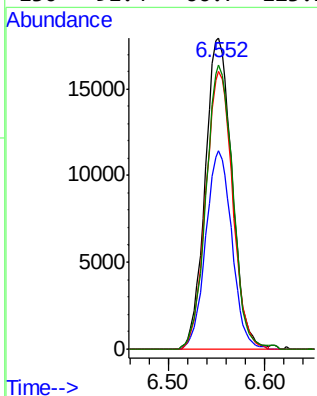
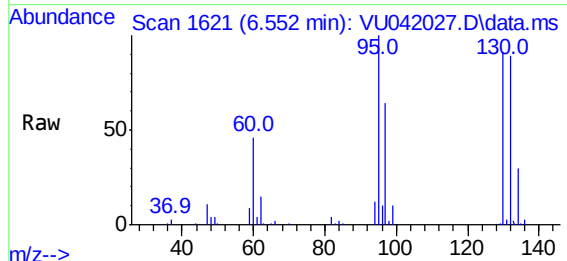
Ion Ratio Lower Upper

95 100

97 63.6 43.6 81.0

132 89.3 64.3 119.3

130 91.4 66.7 123.9



#35

Methylcyclohexane

Concen: 0.74 ug/L

RT: 6.703 min Scan# 1668

Delta R.T. -0.067 min

Lab File: VU042027.D

Acq: 14 Jan 2021 12:14

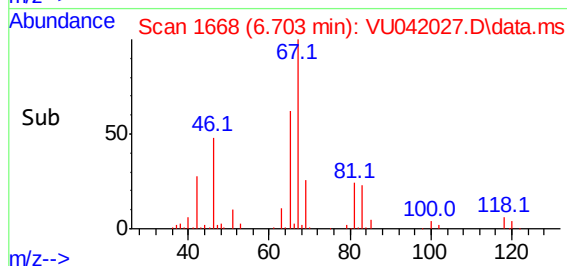
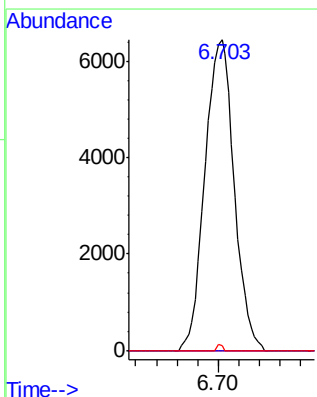
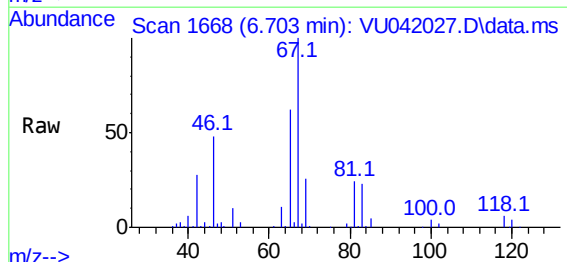
Tgt Ion: 83 Resp: 12680

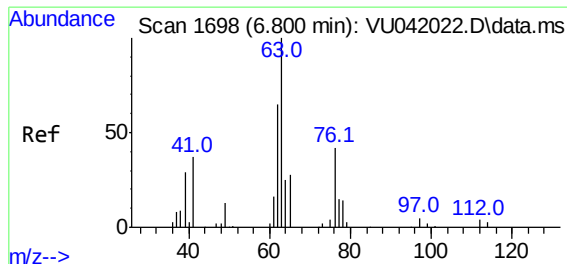
Ion Ratio Lower Upper

83 100

55 0.0 66.8 100.2#

98 0.3 35.7 53.5#

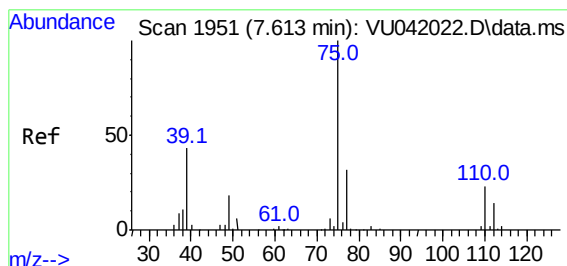
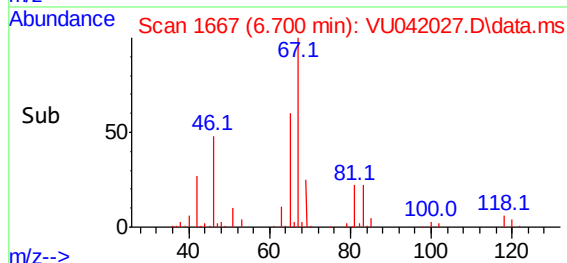
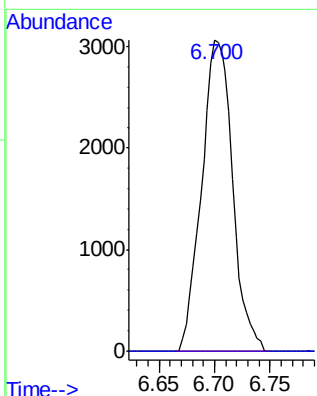
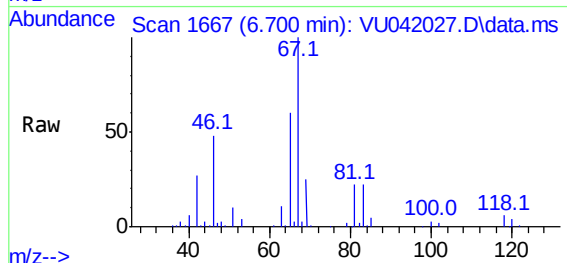




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

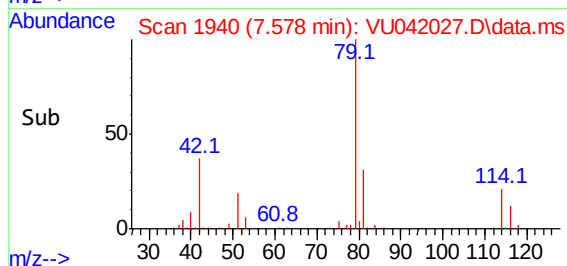
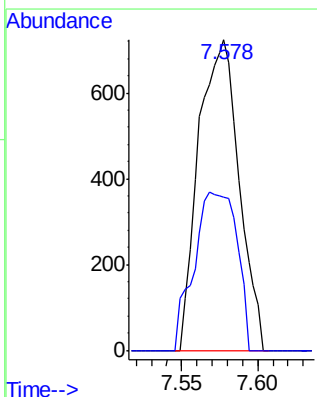
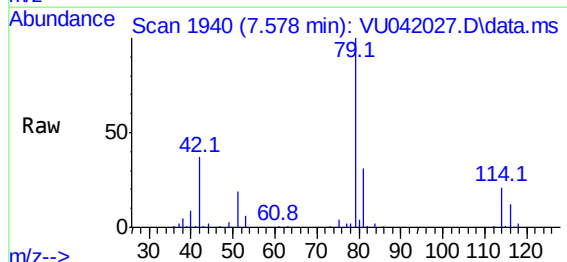
Instrument :
MSVOA_U
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BFXK7DL

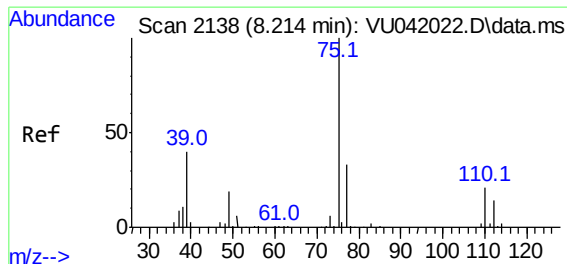
Tgt Ion: 63 Resp: 5923
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.035 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

Tgt Ion: 75 Resp: 1338
Ion Ratio Lower Upper
75 100
77 49.4 21.9 40.7#



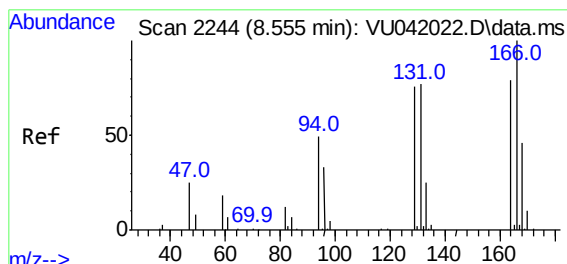
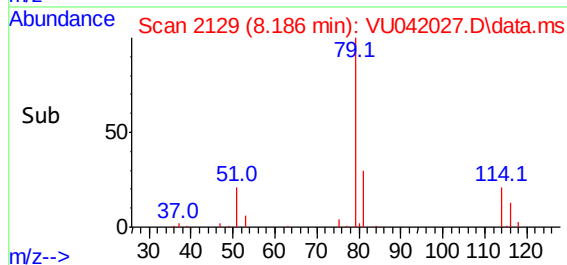
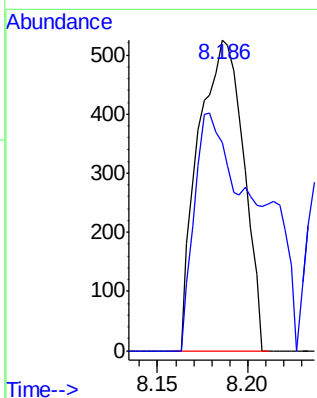
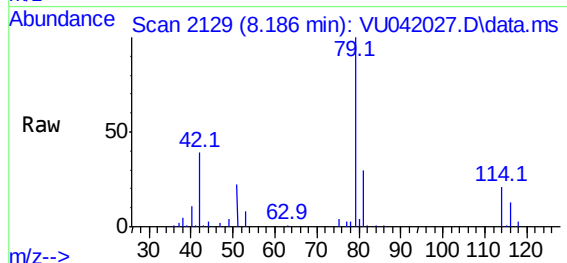


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

Instrument :
MSVOA_U
ClientSampleId :
BFXK7DL

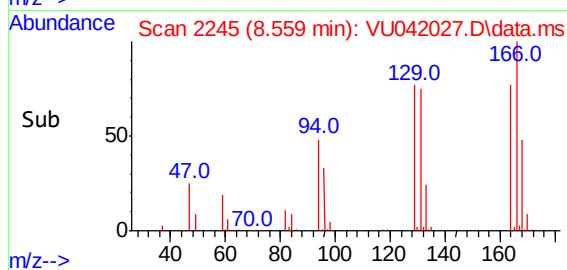
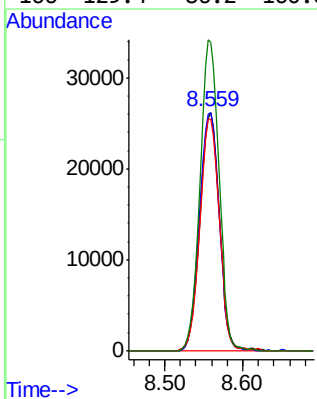
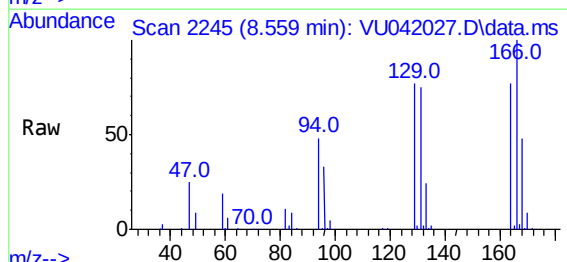
Tgt Ion: 75 Resp: 910
Ion Ratio Lower Upper
75 100
77 66.9 22.0 41.0#

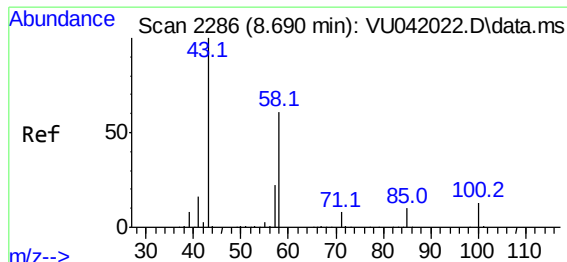


#47

Tetrachloroethene
Concen: 6.45 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

Tgt Ion:164 Resp: 45092
Ion Ratio Lower Upper
164 100
129 100.0 68.7 127.5
131 96.9 65.2 121.0
166 129.4 86.2 160.0

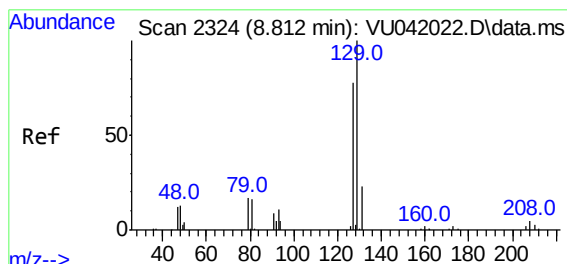
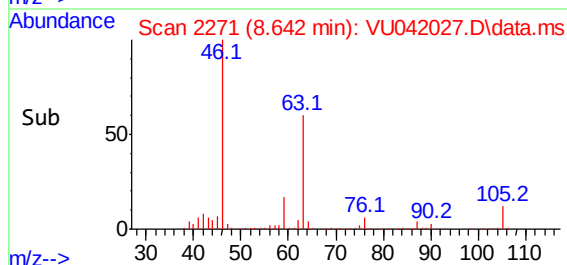
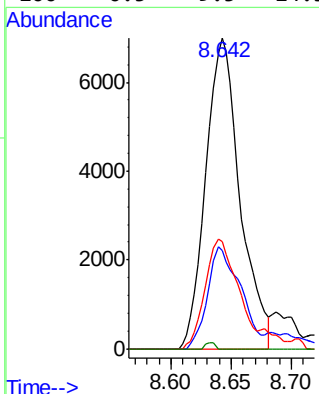
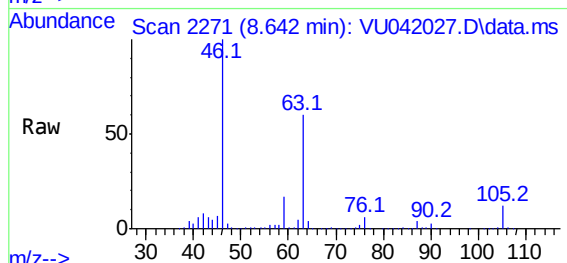




#48
2-Hexanone
Concen: 2.59 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

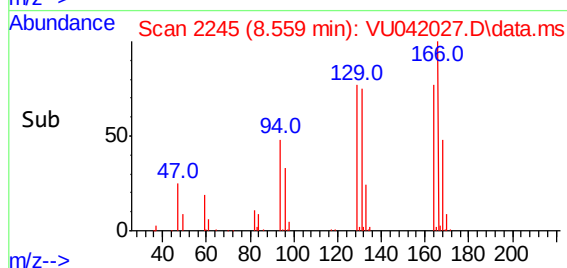
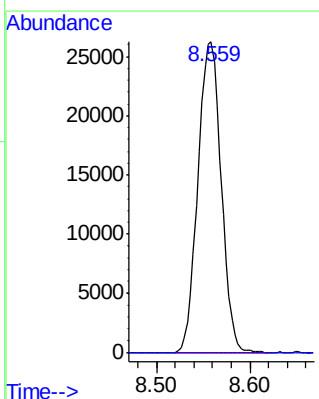
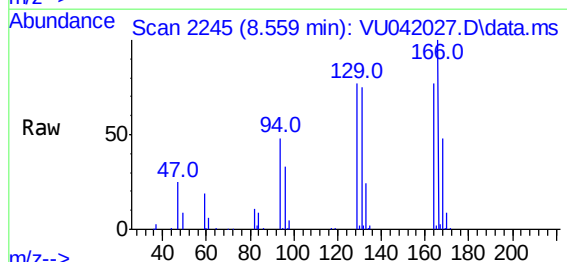
Instrument :
MSVOA_U
ClientSampleId :
BFXK7DL

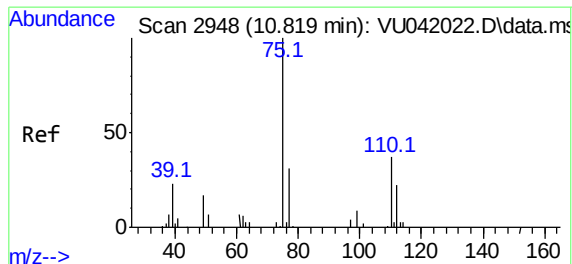
Tgt Ion: 43 Resp: 13531
Ion Ratio Lower Upper
43 100
58 31.3 47.8 71.8#
57 37.1 17.4 26.0#
100 0.5 9.5 14.3#



#49
Dibromochloromethane
Concen: 5.28 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042027.D
Acq: 14 Jan 2021 12:14

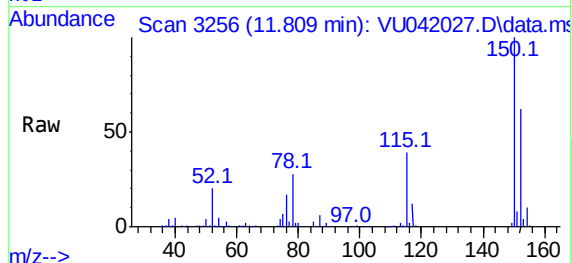
Tgt Ion: 129 Resp: 45606
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.70 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU042027.D
 Acq: 14 Jan 2021 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK7DL



Tgt Ion: 75 Resp: 5171
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.6 38.4

