

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043534.D
 Acq On : 04 May 2021 21:00
 Operator : SY/MD
 Sample : M2195-08DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H6DL

Quant Time: May 05 08:16:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

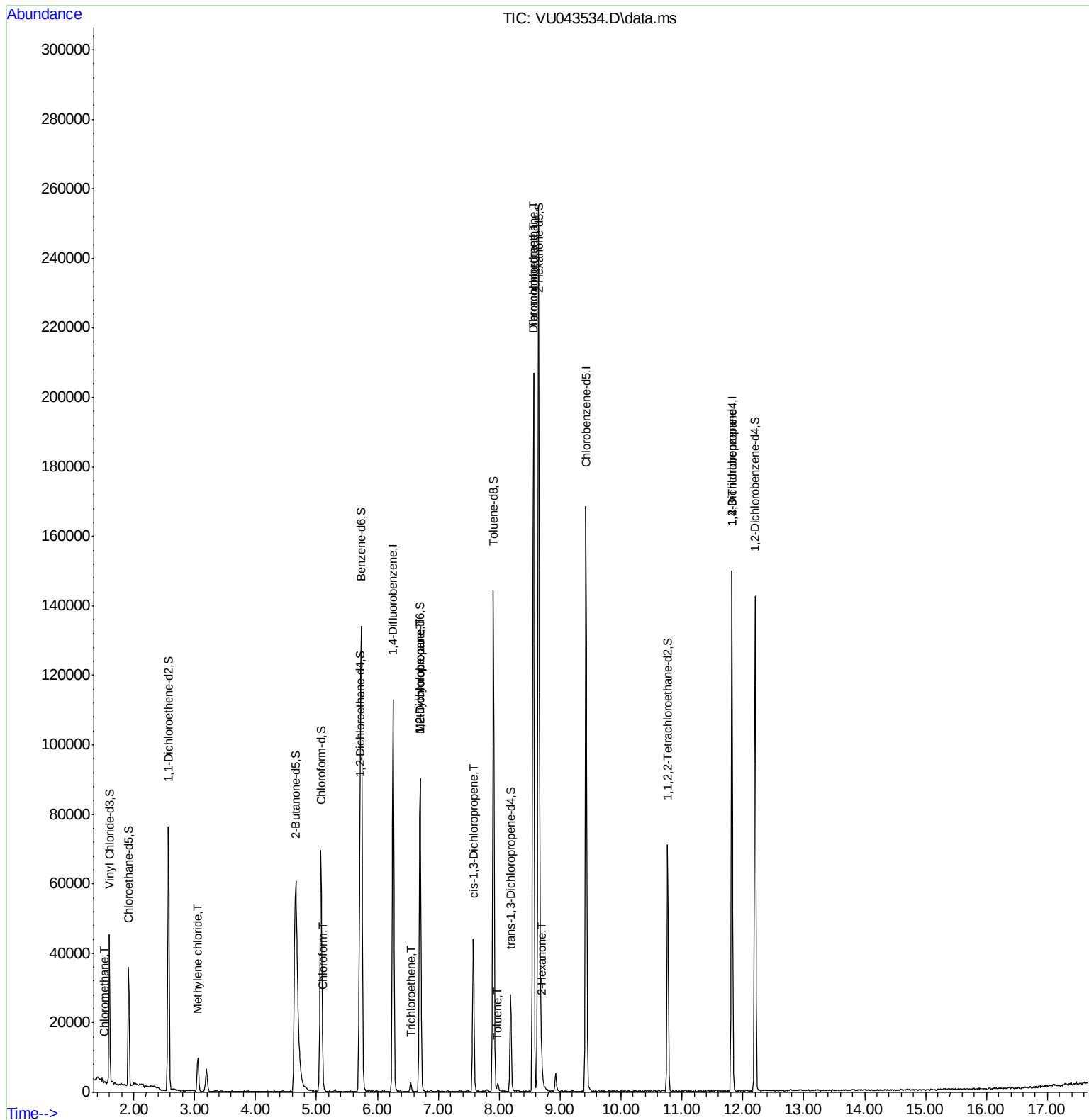
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	80823	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	83104	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	35585	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29621	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	91.20%		
7) Chloroethane-d5	1.916	69	22751	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.60%		
11) 1,1-Dichloroethene-d2	2.568	65	14774	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	92.60%		
20) 2-Butanone-d5	4.655	46	127460	63.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	126.34%		
24) Chloroform-d	5.073	84	59772	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.20%		
26) 1,2-Dichloroethane-d4	5.713	65	40234	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	107.40%		
32) Benzene-d6	5.735	84	108507	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.60%		
36) 1,2-Dichloropropane-d6	6.700	67	39179	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	99.40%		
41) Toluene-d8	7.906	98	88316	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	85.60%		
43) trans-1,3-Dichloroprop...	8.189	79	14490	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	91.20%		
46) 2-Hexanone-d5	8.645	63	78059	58.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	117.04%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33400	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	105.60%		
66) 1,2-Dichlorobenzene-d4	12.201	152	33249	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	104.80%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	549	0.10	ug/L	96
16) Methylene chloride	3.054	84	3880	0.54	ug/L	99
25) Chloroform	5.099	83	2182	0.18	ug/L	90
34) Trichloroethene	6.549	95	717	0.13	ug/L #	84
35) Methylcyclohexane	6.700	83	8716	1.21	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4896	0.75	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1130	0.13	ug/L #	64
42) Toluene	7.970	91	1813	0.08	ug/L	87
47) Tetrachloroethene	8.562	164	42857	10.41	ug/L	98
48) 2-Hexanone	8.694	43	4502	1.13	ug/L #	95
49) Dibromochloromethane	8.558	129	40801	7.47	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	4972	1.38	ug/L #	66

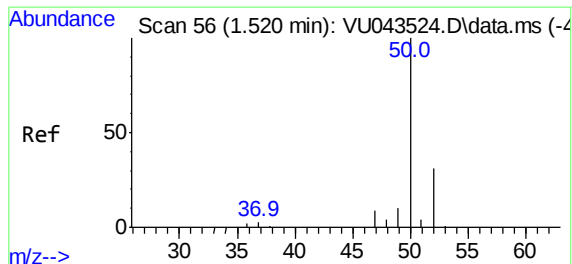
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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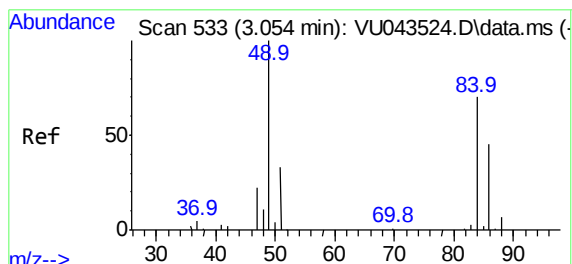
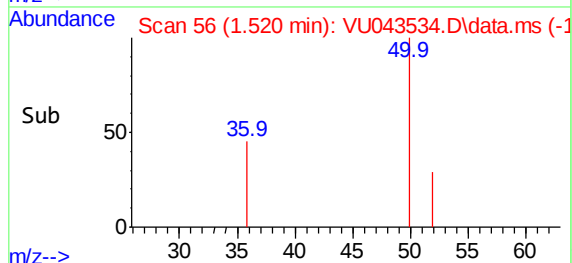
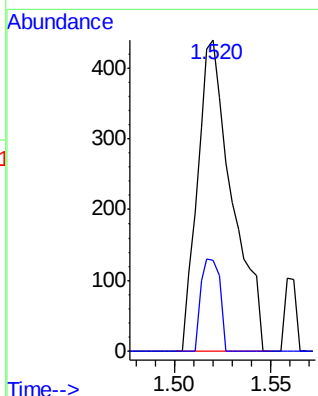
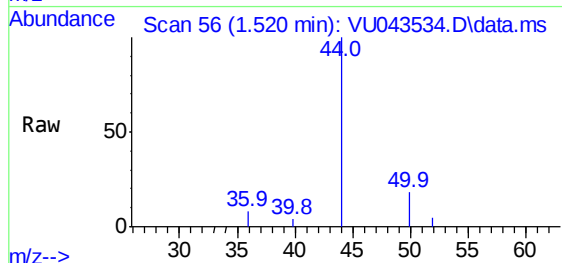




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

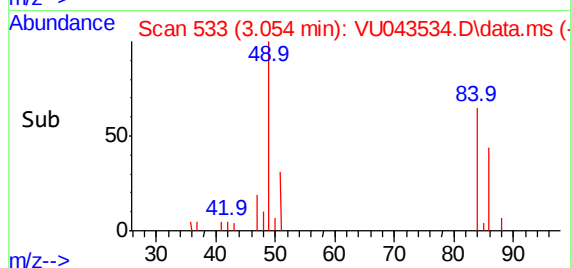
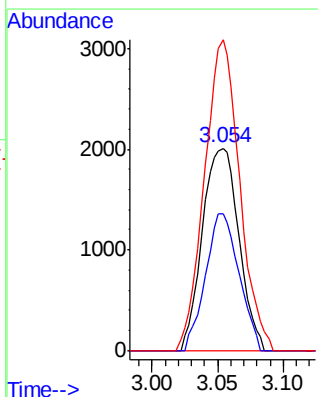
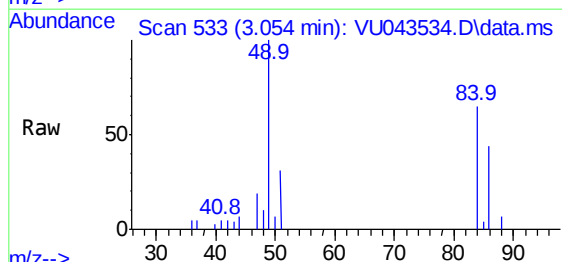
Instrument :
MSVOA_U
ClientSampleID :
GB3H6DL

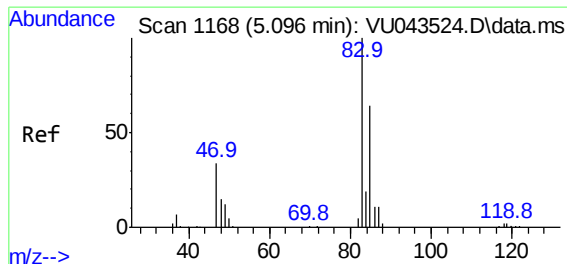
Tgt Ion: 50 Resp: 549
Ion Ratio Lower Upper
50 100
52 29.3 22.1 41.1



#16
Methylene chloride
Concen: 0.54 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

Tgt Ion: 84 Resp: 3880
Ion Ratio Lower Upper
84 100
86 67.5 45.6 84.6
49 153.6 107.0 198.8

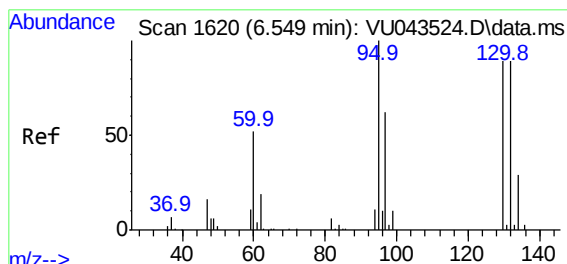
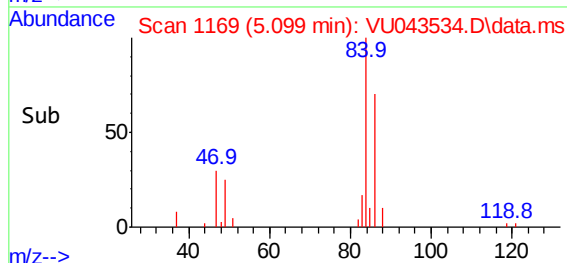
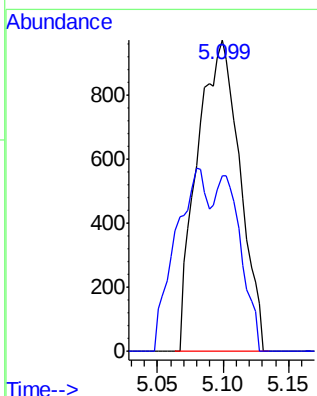
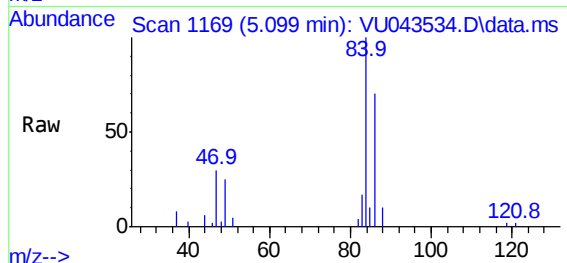




#25
Chloroform
Concen: 0.18 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

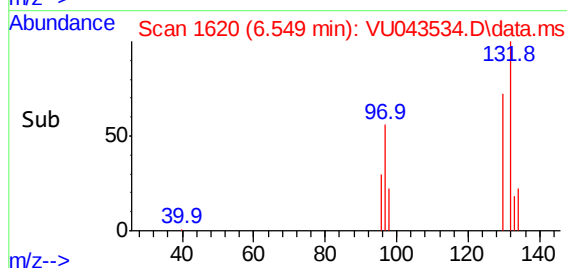
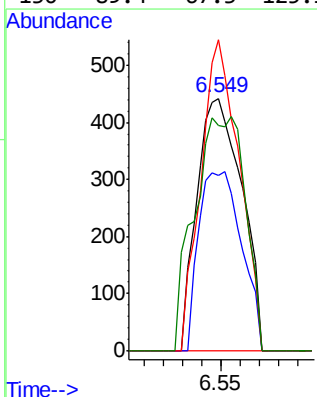
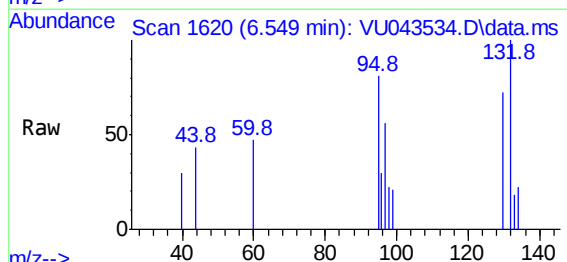
Instrument :
MSVOA_U
ClientSampled :
GB3H6DL

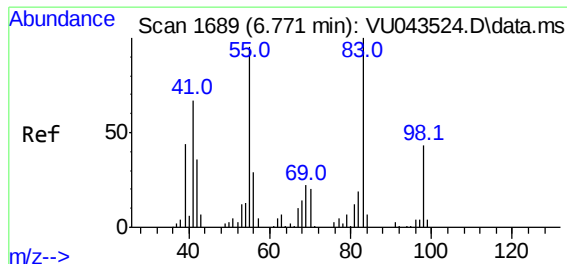
Tgt Ion: 83 Resp: 2182
Ion Ratio Lower Upper
83 100
85 56.3 45.1 83.9



#34
Trichloroethene
Concen: 0.13 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

Tgt Ion: 95 Resp: 717
Ion Ratio Lower Upper
95 100
97 69.5 46.5 86.5
132 123.3 64.1 119.1#
130 89.4 67.3 125.1

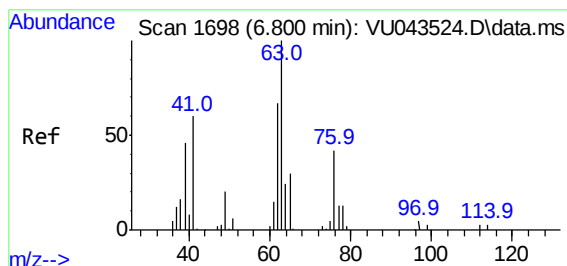
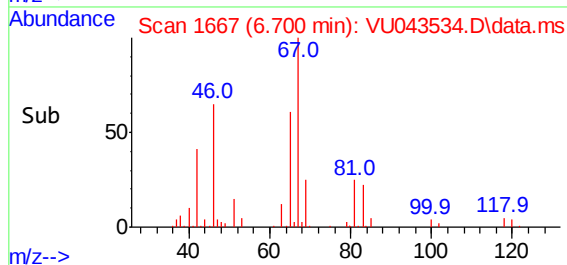
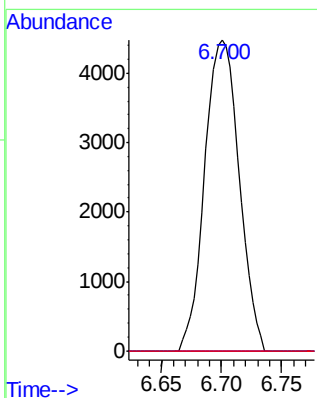
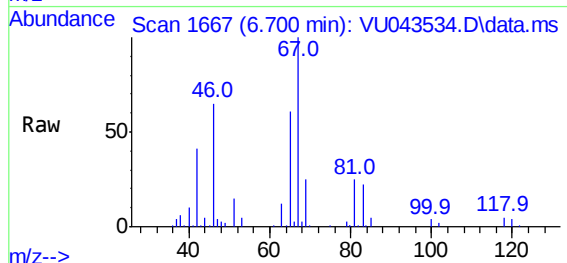




#35
Methylcyclohexane
Concen: 1.21 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

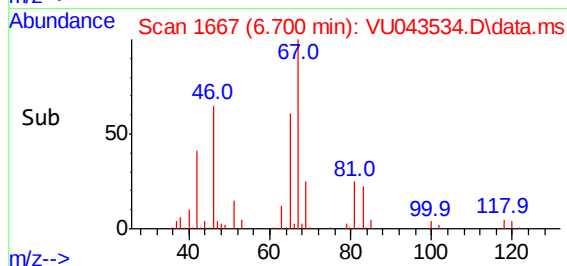
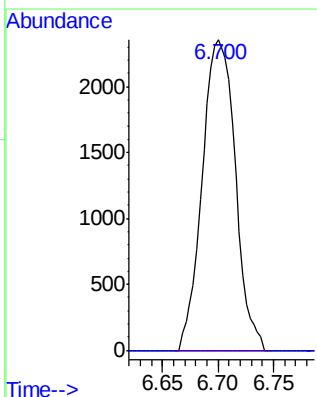
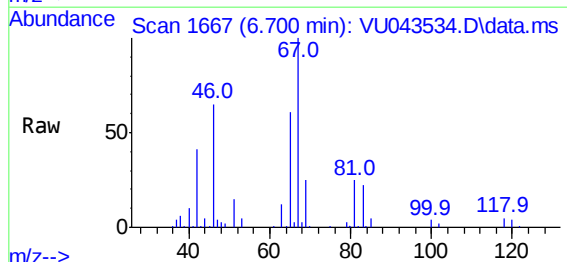
Instrument :
MSVOA_U
ClientSampleId :
GB3H6DL

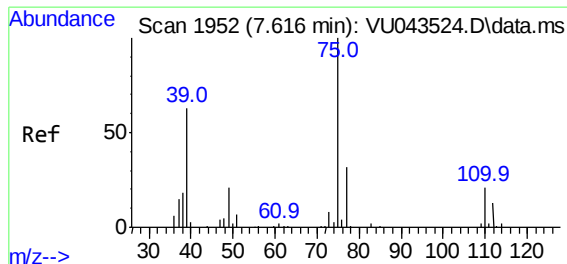
Tgt Ion: 83 Resp: 8716
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 1.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

Tgt Ion: 63 Resp: 4896
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

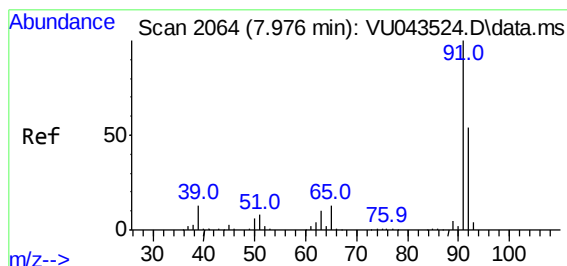
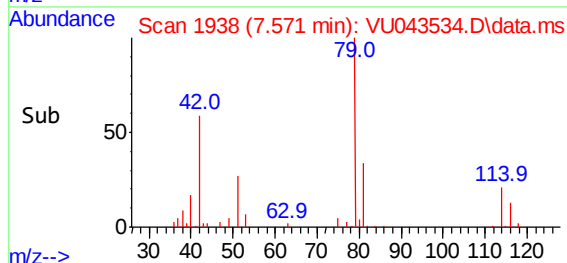
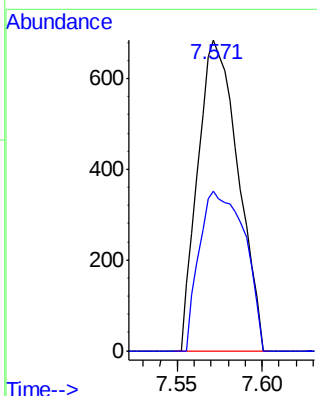
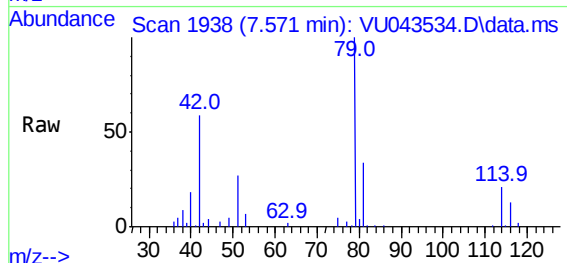




#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

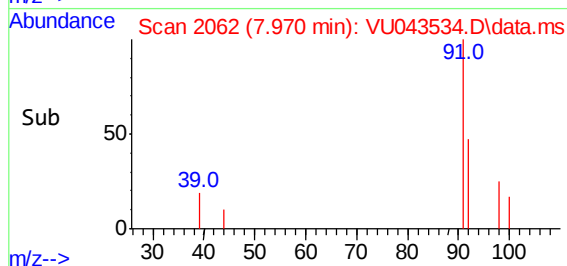
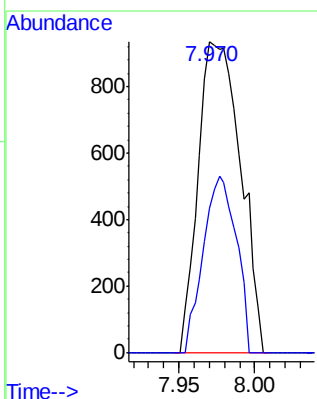
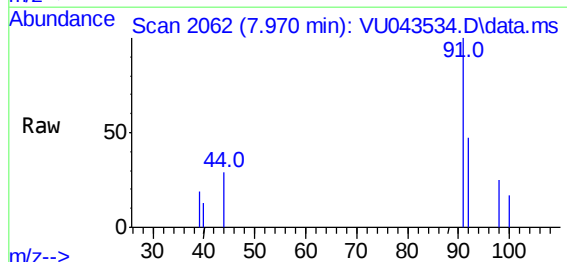
Instrument :
MSVOA_U
ClientSampleId :
GB3H6DL

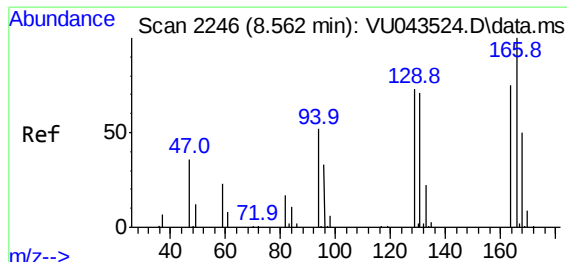
Tgt Ion: 75 Resp: 1130
Ion Ratio Lower Upper
75 100
77 51.4 21.9 40.7#



#42
Toluene
Concen: 0.08 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

Tgt Ion: 91 Resp: 1813
Ion Ratio Lower Upper
91 100
92 46.5 39.1 72.5





#47

Tetrachloroethene

Concen: 10.41 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU043534.D

Acq: 04 May 2021 21:00

Instrument :

MSVOA_U

ClientSampleID :

GB3H6DL

Tgt Ion:164 Resp: 42857

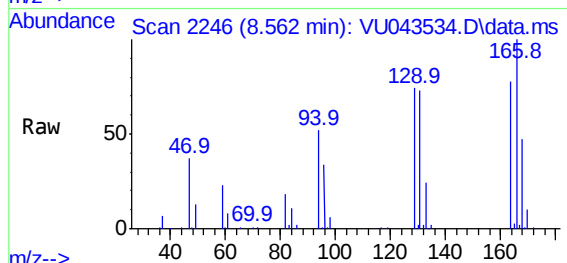
Ion Ratio Lower Upper

164 100

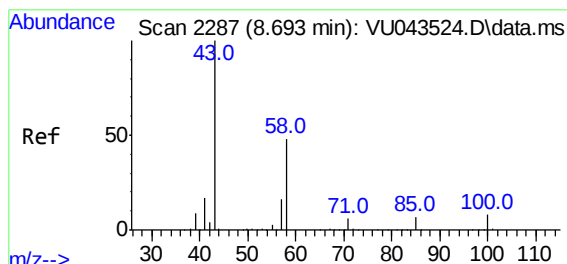
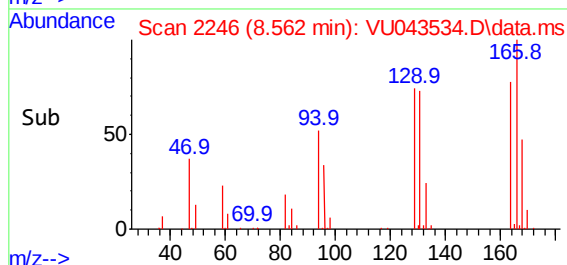
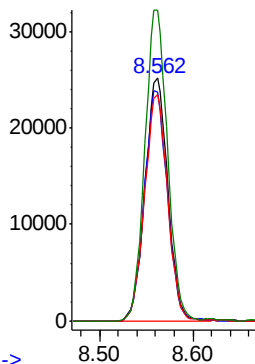
129 94.4 62.5 116.1

131 93.3 64.9 120.5

166 128.0 89.0 165.2



Abundance



#48

2-Hexanone

Concen: 1.13 ug/L

RT: 8.694 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VU043534.D

Acq: 04 May 2021 21:00

Tgt Ion: 43 Resp: 4502

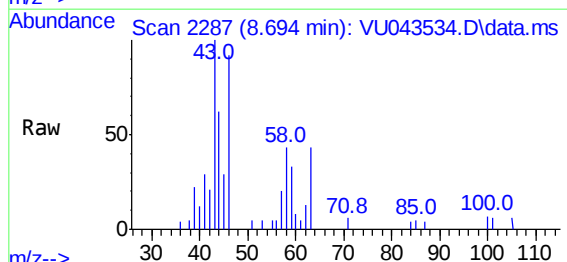
Ion Ratio Lower Upper

43 100

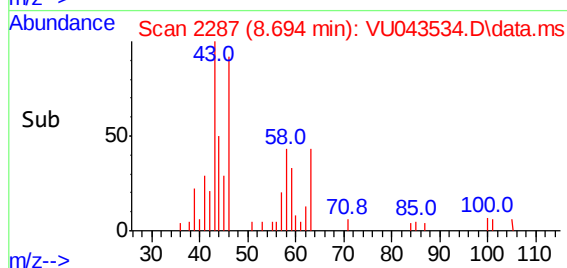
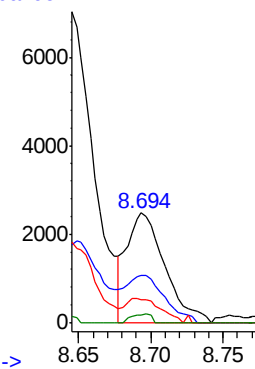
58 44.0 36.8 55.2

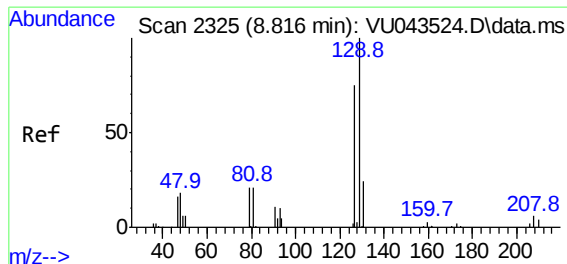
57 20.3 13.2 19.8#

100 4.0 6.5 9.7#



Abundance

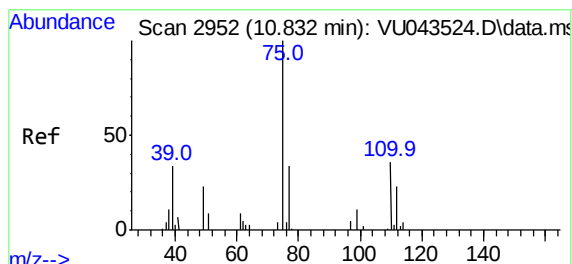
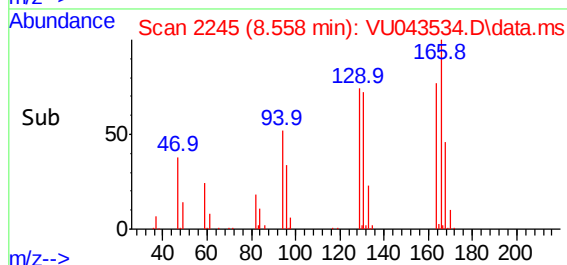
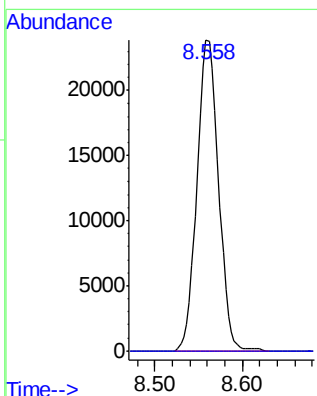
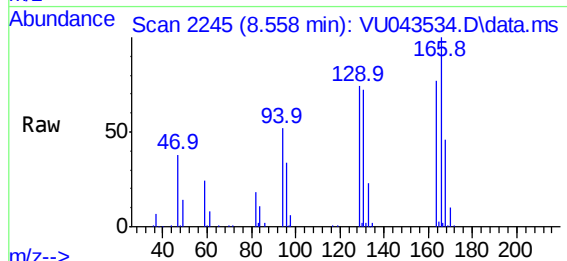




#49
Dibromochloromethane
Concen: 7.47 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

Instrument :
MSVOA_U
ClientSampleId :
GB3H6DL

Tgt Ion:129 Resp: 40801
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#



#61
1,2,3-Trichloropropane
Concen: 1.38 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043534.D
Acq: 04 May 2021 21:00

Tgt Ion: 75 Resp: 4972
Ion Ratio Lower Upper
75 100
110 0.0 28.6 42.8#
77 30.3 25.7 38.5

