

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043812.D
 Acq On : 18 May 2021 14:32
 Operator : SY/MD
 Sample : M2396-05DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:42:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

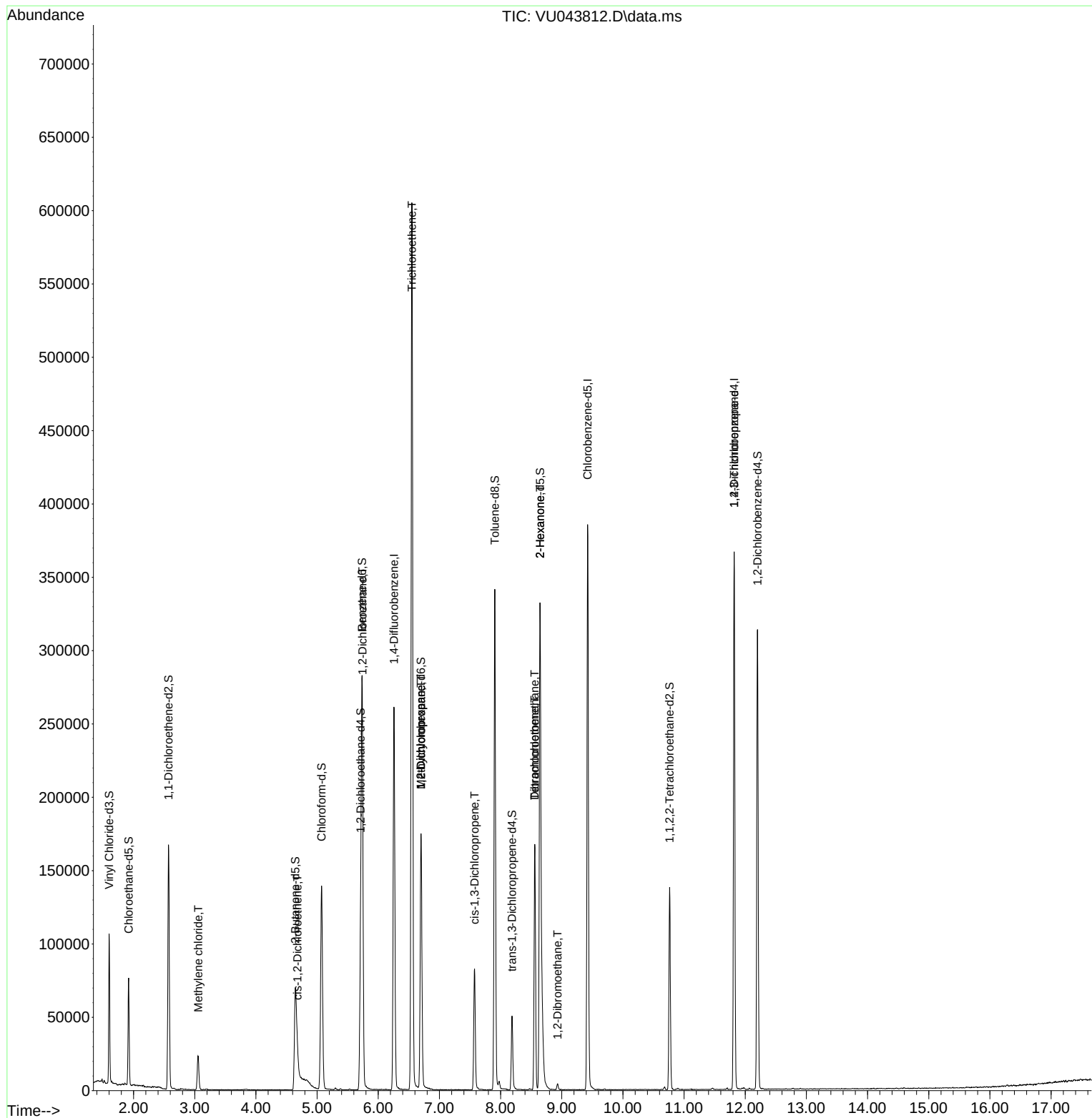
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	220228	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	223441	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103053	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	71278	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.919	69	53201	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.571	65	31720	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.645	46	135034	43.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.46%
24) Chloroform-d	5.073	84	130750	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.713	65	67050	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.735	84	269510	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.700	67	88615	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.906	98	227640	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.185	79	29699	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.645	63	138751	45.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.78%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	70402	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	88343	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%
Target Compounds						Qvalue
16) Methylene chloride	3.057	84	11435	0.53	ug/L	94
22) cis-1,2-Dichloroethene	4.681	96	2186	0.14	ug/L	97
27) 1,2-Dichloroethane	5.742	62	1309	0.08	ug/L #	74
34) Trichloroethene	6.549	95	209435	12.63	ug/L	97
35) Methylcyclohexane	6.700	83	20227	0.78	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8849	0.52	ug/L #	88
39) cis-1,3-Dichloropropene	7.574	75	1852	0.08	ug/L #	54
47) Tetrachloroethene	8.558	164	38766	2.89	ug/L	95
48) 2-Hexanone	8.645	43	15141	1.89	ug/L #	64
49) Dibromochloromethane	8.558	129	35572	2.62	ug/L #	11
50) 1,2-Dibromoethane	8.931	107	2778	0.24	ug/L #	92
61) 1,2,3-Trichloropropane	11.819	75	10759	1.09	ug/L #	70

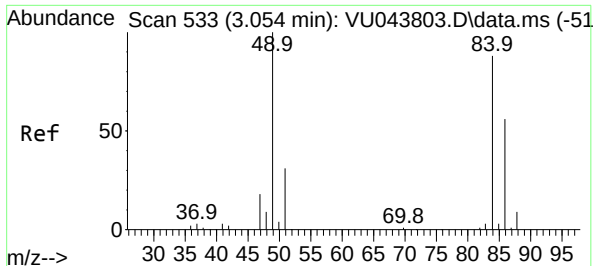
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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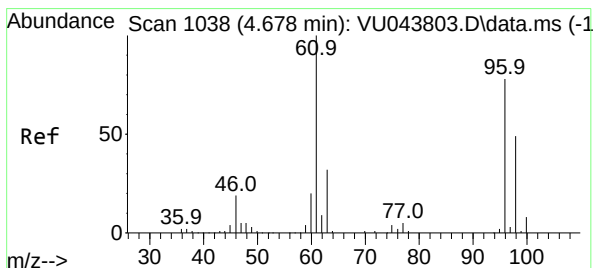
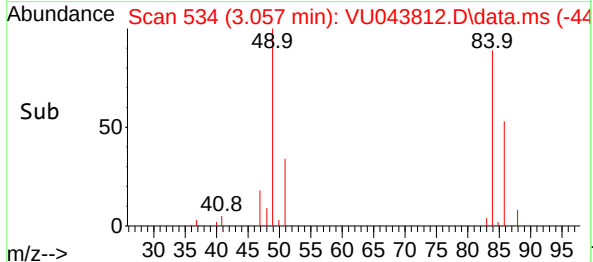
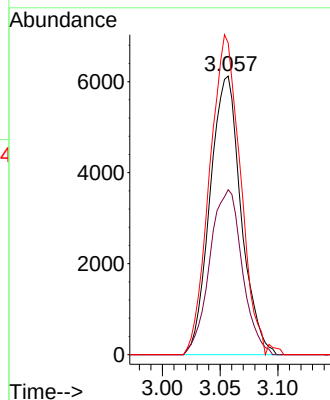
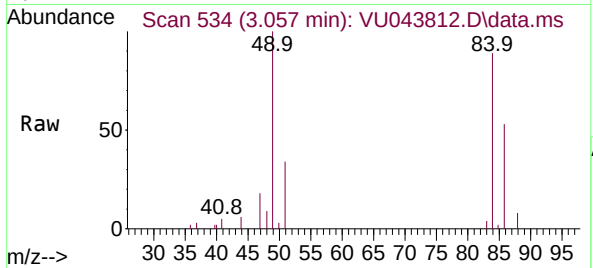




#16
Methylene chloride
Concen: 0.53 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

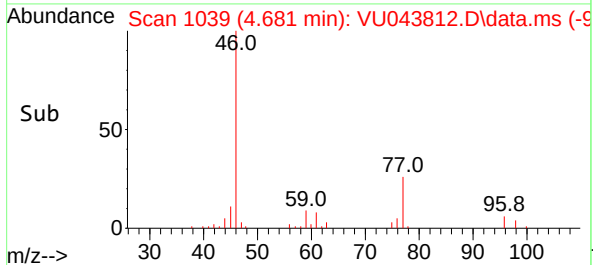
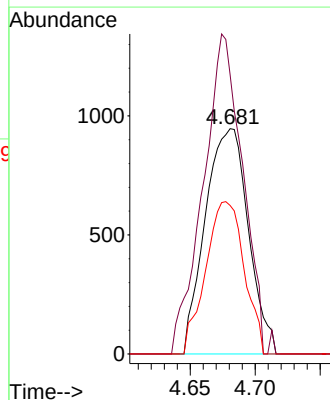
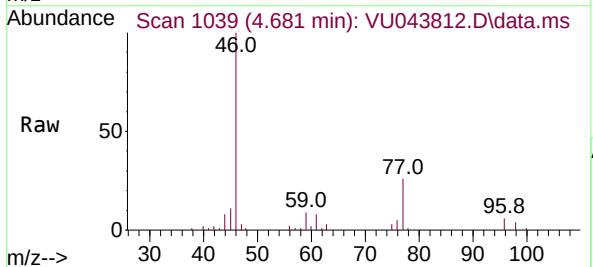
Instrument :
MSVOA_U
ClientSampleId :

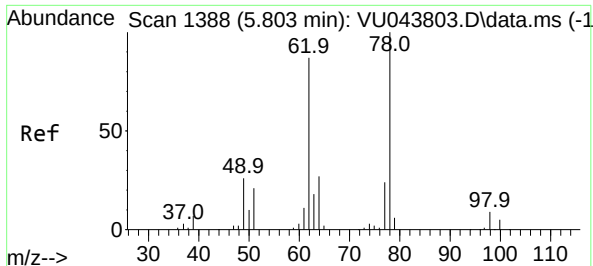
Tgt Ion: 84 Resp: 11435
Ion Ratio Lower Upper
84 100
86 59.2 44.7 82.9
49 111.9 83.1 154.3



#22
cis-1,2-Dichloroethene
Concen: 0.14 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

Tgt Ion: 96 Resp: 2186
Ion Ratio Lower Upper
96 100
61 124.0 89.0 165.4
98 66.0 44.9 83.3

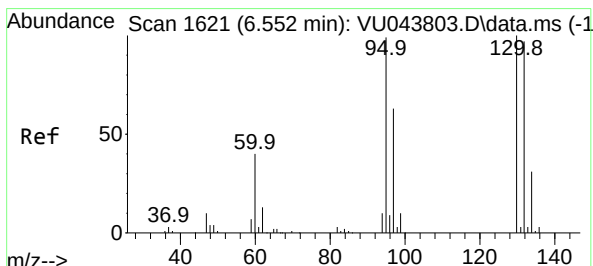
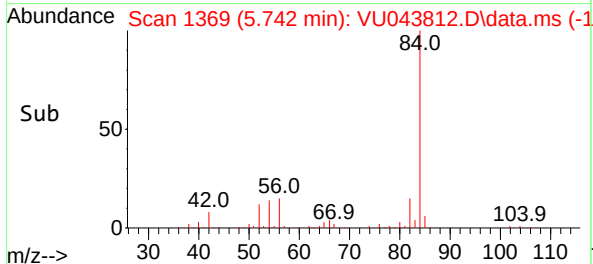
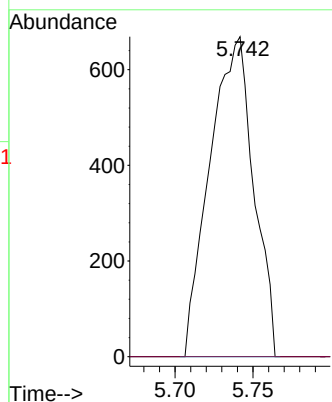
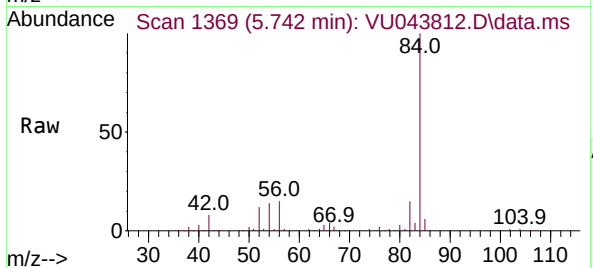




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

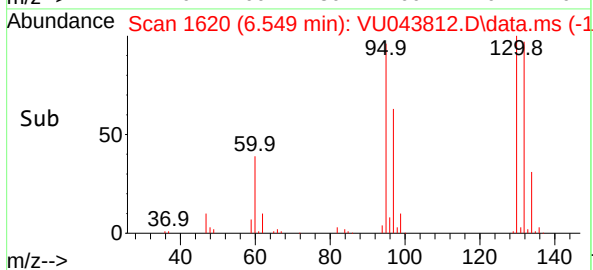
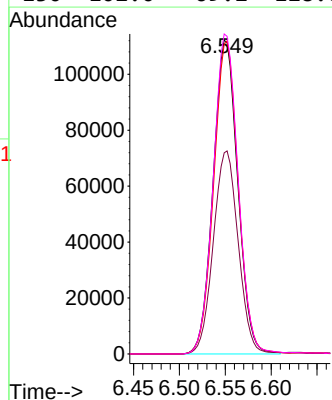
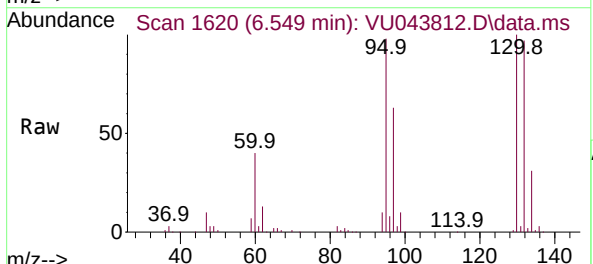
Instrument :
MSVOA_U
ClientSampleId :

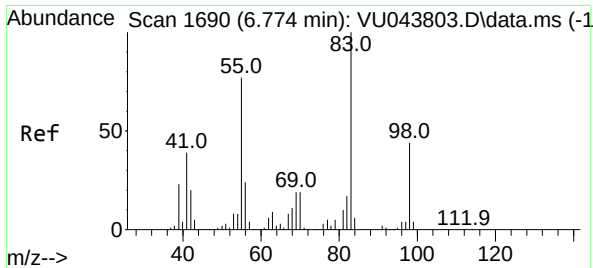
Tgt Ion: 62 Resp: 1309
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#34
Trichloroethene
Concen: 12.63 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

Tgt Ion: 95 Resp: 209435
Ion Ratio Lower Upper
95 100
97 64.1 44.3 82.3
132 98.7 66.0 122.6
130 102.0 69.2 128.6

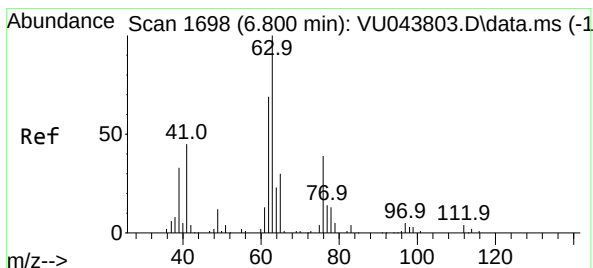
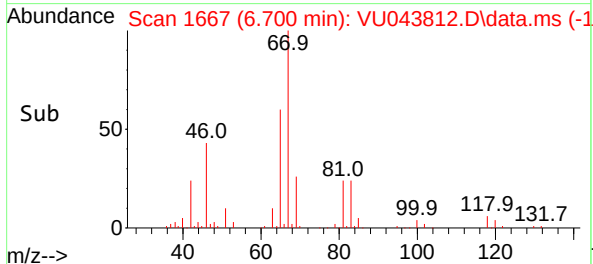
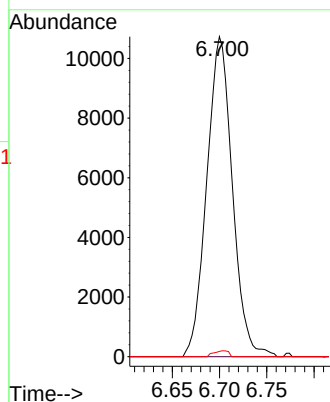
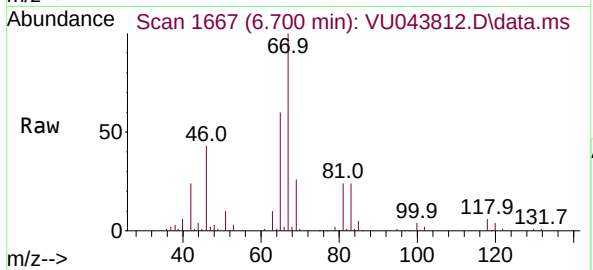




#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

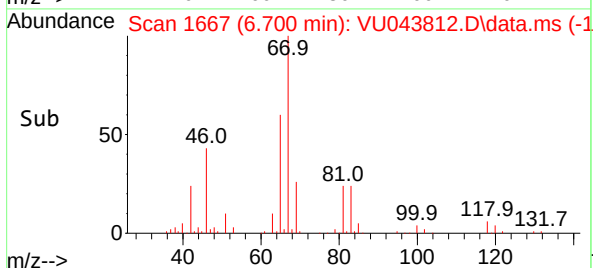
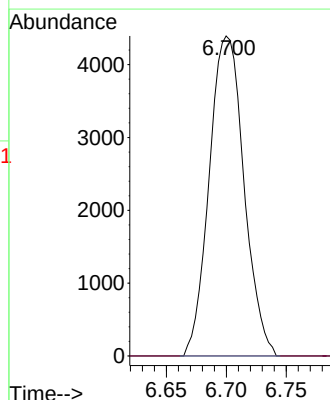
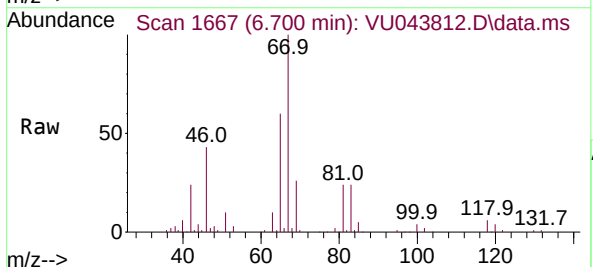
Instrument :
MSVOA_U
ClientSampleId :

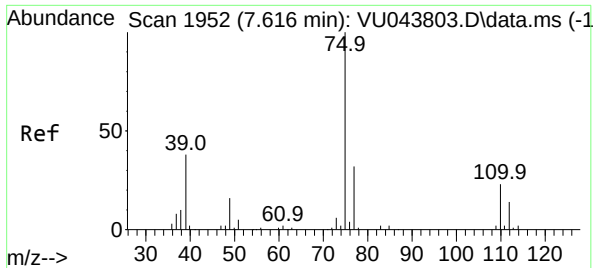
Tgt Ion: 83 Resp: 20227
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

Tgt Ion: 63 Resp: 8849
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



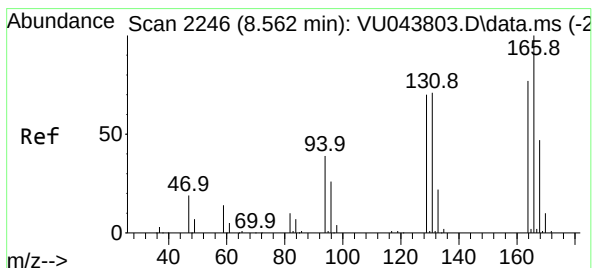
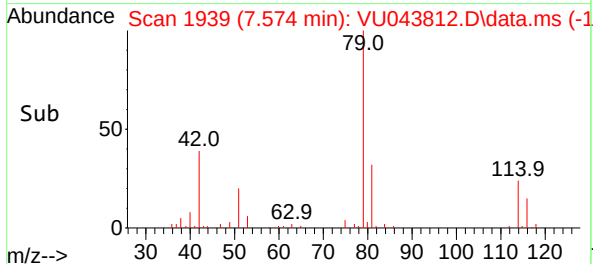
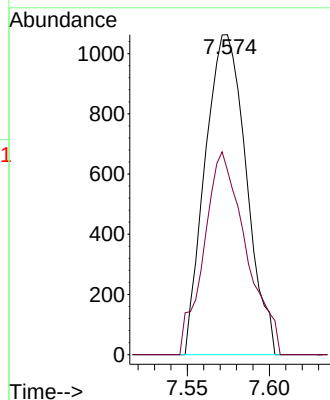
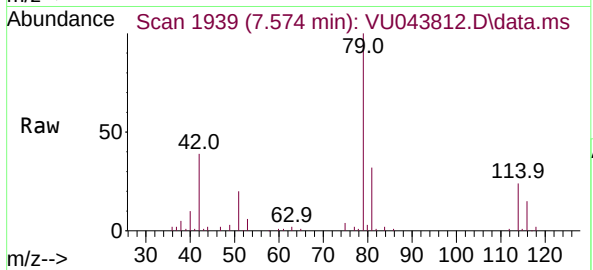


#39

cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

Instrument :
MSVOA_U
ClientSampleId :

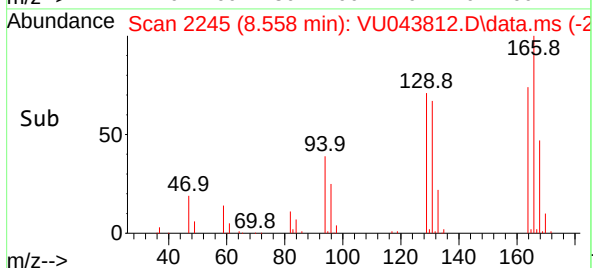
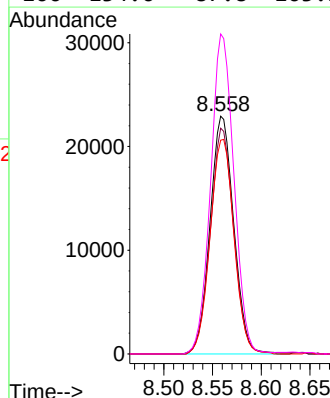
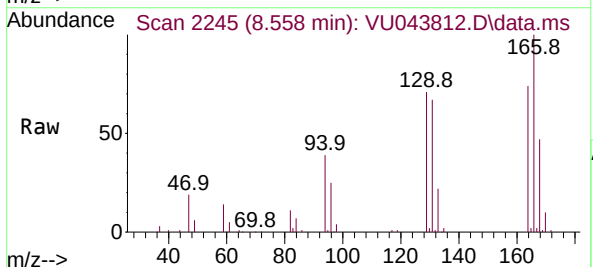
Tgt Ion: 75 Resp: 1852
Ion Ratio Lower Upper
75 100
77 57.7 22.5 41.7#

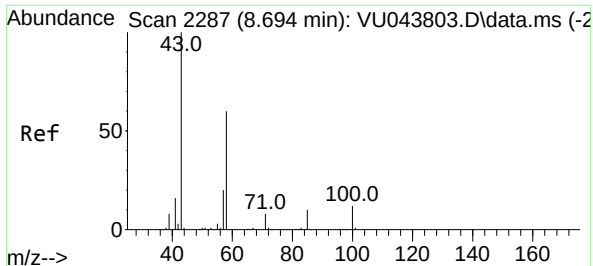


#47

Tetrachloroethene
Concen: 2.89 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

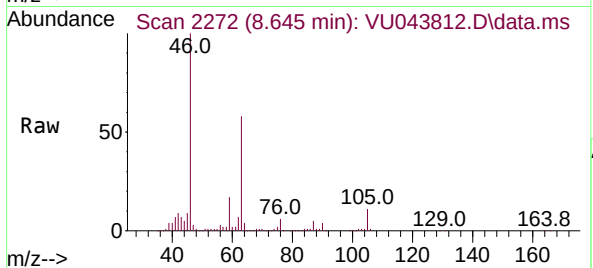
Tgt Ion:164 Resp: 38766
Ion Ratio Lower Upper
164 100
129 94.9 64.1 119.1
131 89.9 61.2 113.8
166 134.6 87.8 163.2



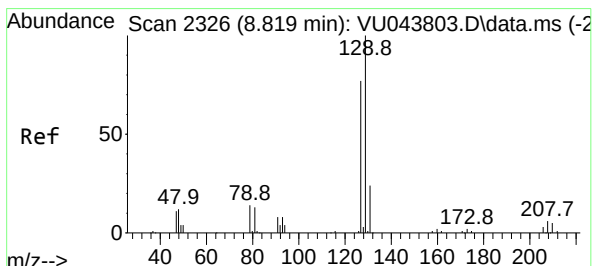
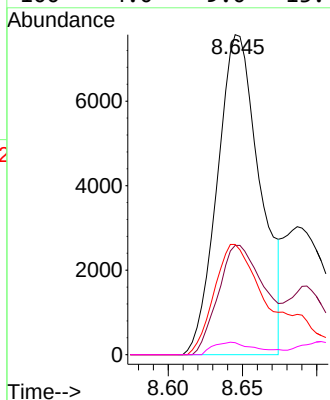
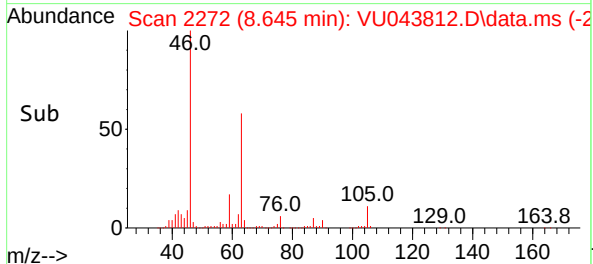


#48
2-Hexanone
Concen: 1.89 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

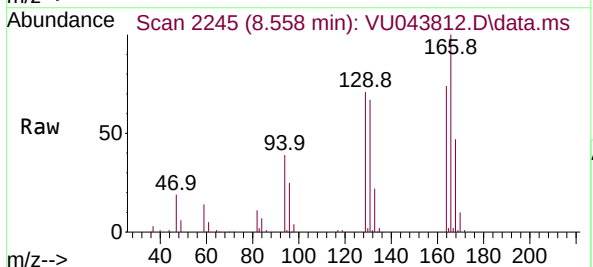
Instrument :
MSVOA_U
ClientSampleId :



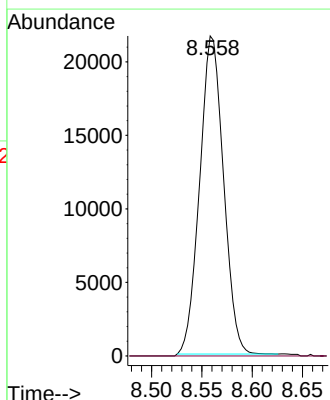
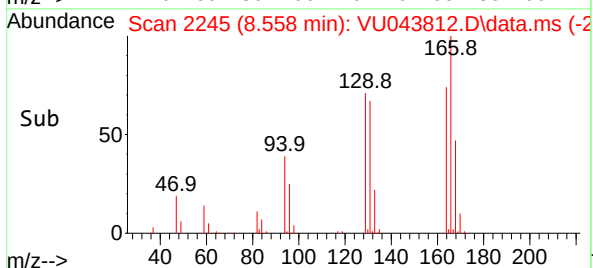
Tgt Ion: 43	Resp: 15141
Ion Ratio	Lower Upper
43	100
58	36.7 47.0 70.4#
57	48.7 15.8 23.8#
100	4.0 9.0 13.4#

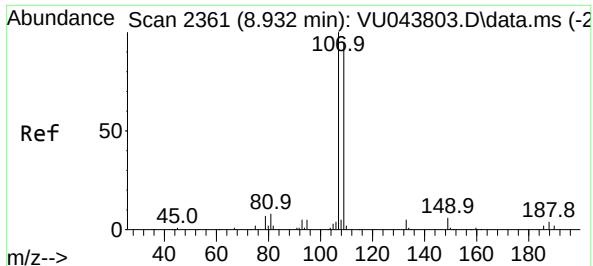


#49
Dibromochloromethane
Concen: 2.62 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32



Tgt Ion: 129	Resp: 35572
Ion Ratio	Lower Upper
129	100
127	0.0 53.4 99.2#





#50

1,2-Dibromoethane

Concen: 0.24 ug/L

RT: 8.931 min Scan# 2361

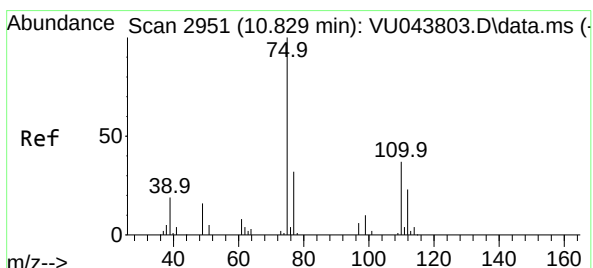
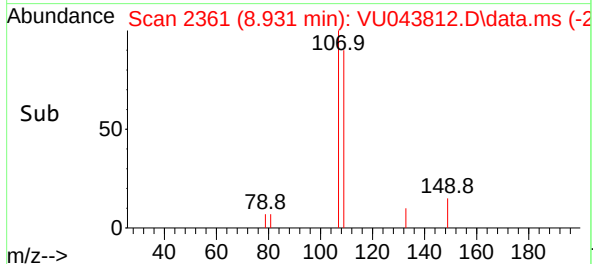
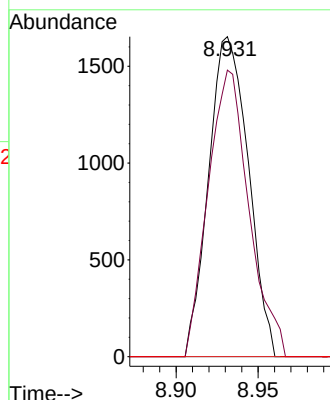
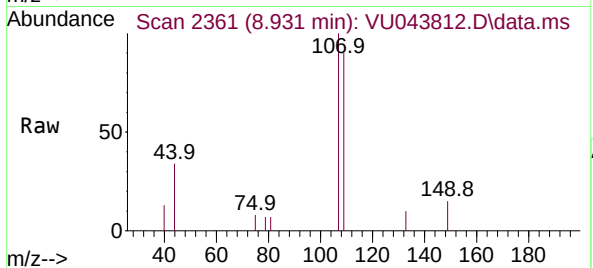
Delta R.T. -0.000 min

Lab File: VU043812.D

Acq: 18 May 2021 14:32

Instrument :
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Tgt Ion:	107	Resp:	2778
Ion	Ratio	Lower	Upper
107	100		
109	89.5	67.7	125.7
188	0.0	3.3	4.9#



#61

1,2,3-Trichloropropane

Concen: 1.09 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.990 min

Lab File: VU043812.D

Acq: 18 May 2021 14:32

Tgt Ion:	75	Resp:	10759
Ion	Ratio	Lower	Upper
75	100		
110	1.9	27.9	41.9#
77	31.9	25.9	38.9

