

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043467.D
 Acq On : 30 Apr 2021 11:39
 Operator : SY/MD
 Sample : M2197-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 13:31:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

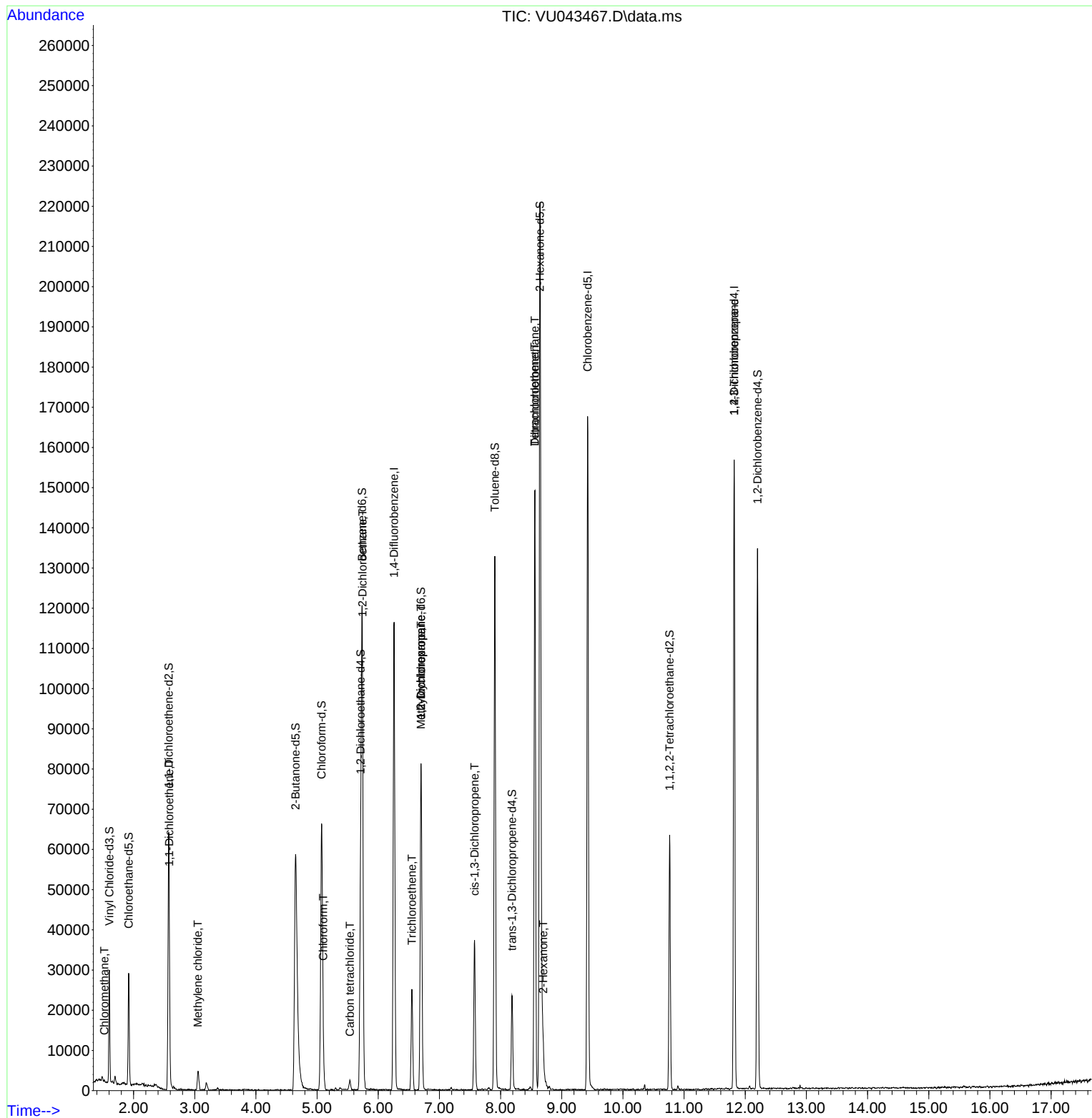
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	82805	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	85213	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37516	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18613	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.919	69	18301	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.575	65	12079	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.20%
20) 2-Butanone-d5	4.649	46	115486	62.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.06%
24) Chloroform-d	5.073	84	57109	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.713	65	35497	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.735	84	98271	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.700	67	35031	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.906	98	81731	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloroprop...	8.185	79	12216	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.642	63	70479	48.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.26%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29747	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	31919	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%
Target Compounds						
3) Chloromethane	1.523	50	481	0.09	ug/L	# 78
12) 1,1-Dichloroethene	2.584	96	1439	0.31	ug/L	# 1
16) Methylene chloride	3.051	84	2027	0.34	ug/L	79
25) Chloroform	5.099	83	5516	0.48	ug/L	93
27) 1,2-Dichloroethane	5.742	62	703	0.08	ug/L	# 74
31) Carbon tetrachloride	5.539	117	1363	0.16	ug/L	98
34) Trichloroethene	6.549	95	8220	1.31	ug/L	95
35) Methylcyclohexane	6.697	83	7746	0.89	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4125	0.64	ug/L	# 87
39) cis-1,3-Dichloropropene	7.574	75	934	0.10	ug/L	85
47) Tetrachloroethene	8.558	164	30790	6.19	ug/L	95
48) 2-Hexanone	8.697	43	5546	1.31	ug/L	# 79
49) Dibromochloromethane	8.562	129	29123	4.82	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	4978	1.28	ug/L	# 61

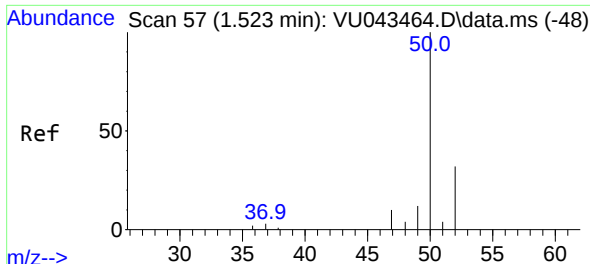
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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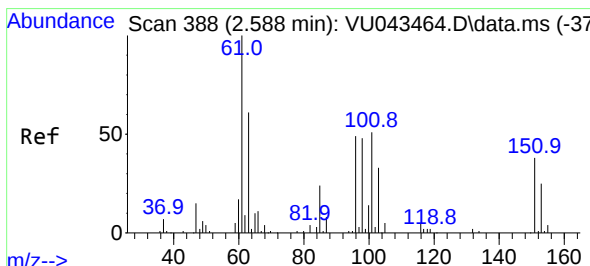
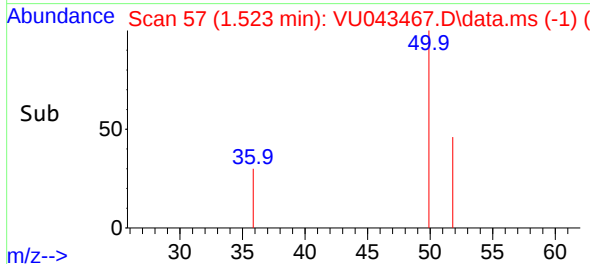
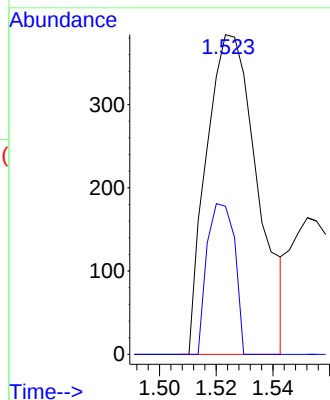
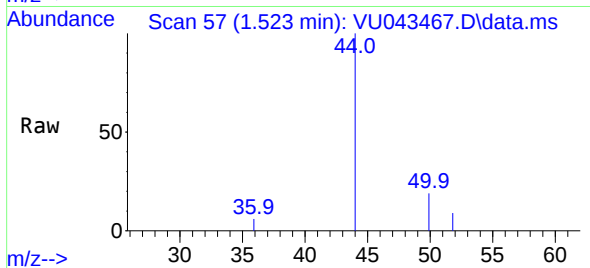




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

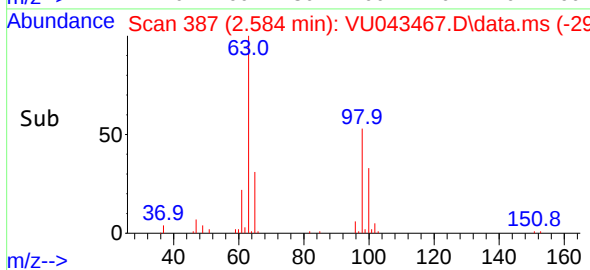
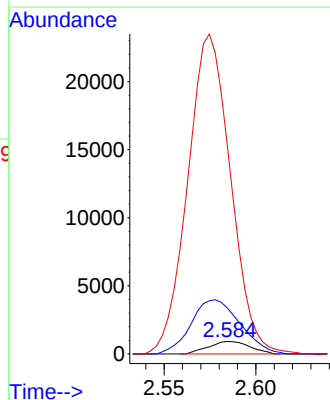
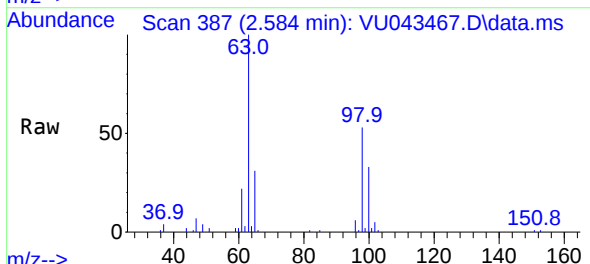
Instrument :
MSVOA_U
ClientSampled :

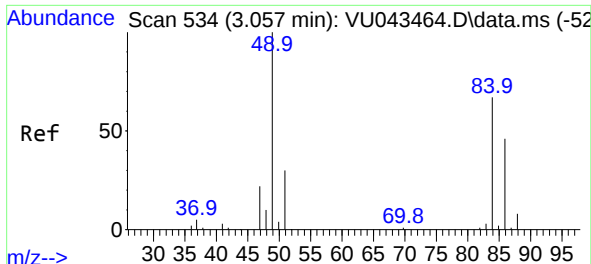
Tgt Ion: 50 Resp: 481
Ion Ratio Lower Upper
50 100
52 46.4 23.6 43.8#



#12
1,1-Dichloroethene
Concen: 0.31 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion: 96 Resp: 1439
Ion Ratio Lower Upper
96 100
61 368.2 115.1 213.7#
63 1680.1 84.1 156.1#

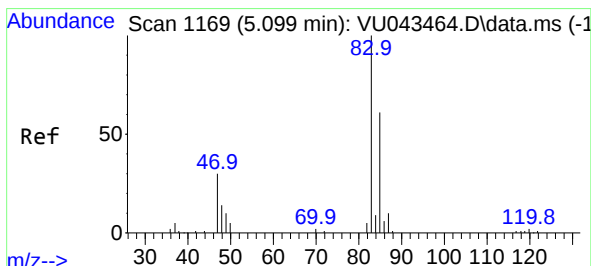
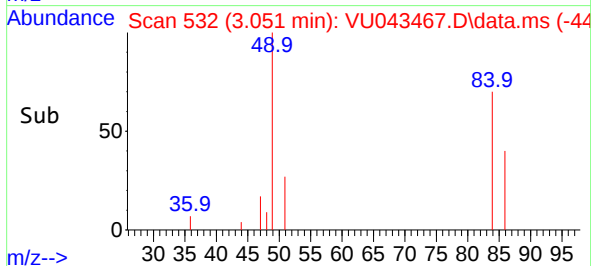
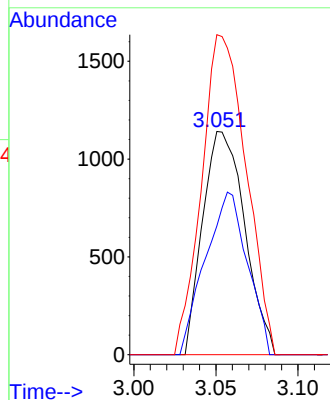
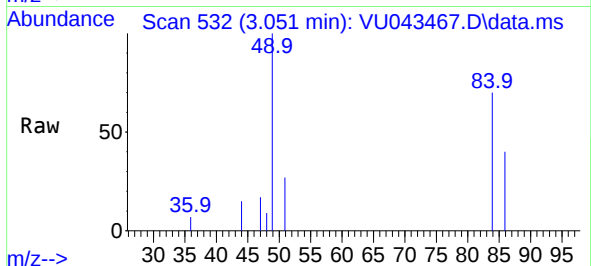




#16
Methylene chloride
Concen: 0.34 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

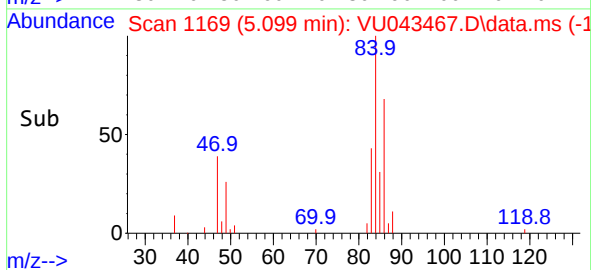
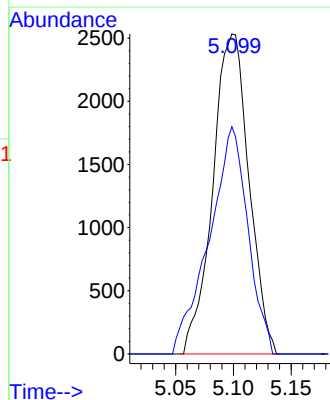
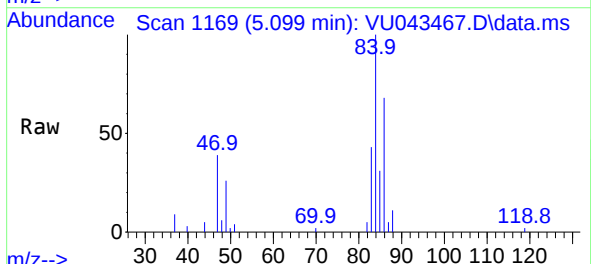
Instrument :
MSVOA_U
ClientSampleId :

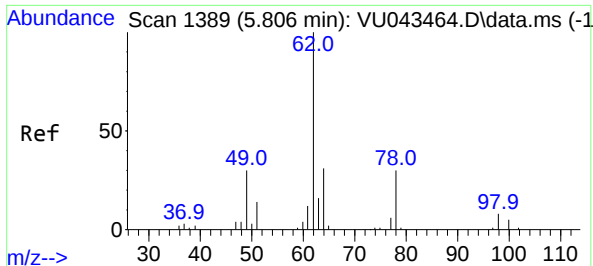
Tgt Ion: 84 Resp: 2027
Ion Ratio Lower Upper
84 100
86 57.7 44.9 83.5
49 143.4 79.0 146.8



#25
Chloroform
Concen: 0.48 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion: 83 Resp: 5516
Ion Ratio Lower Upper
83 100
85 71.0 45.6 84.8

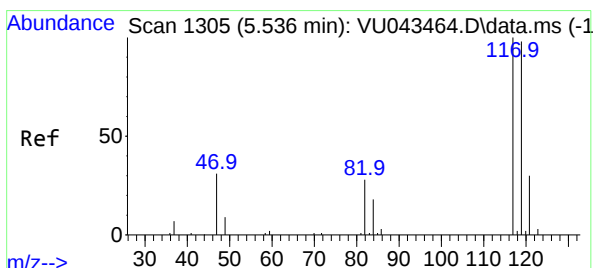
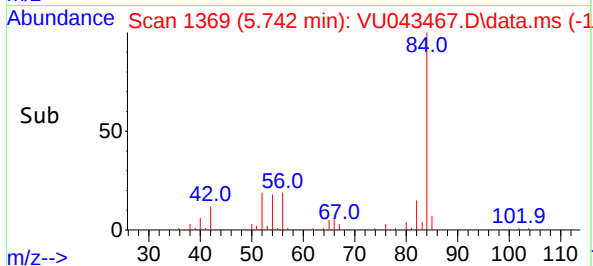
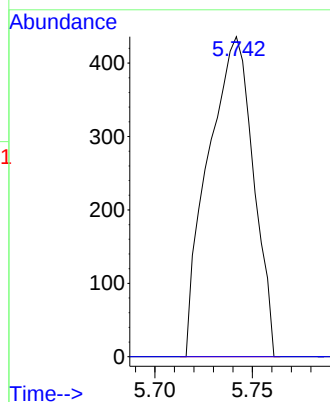
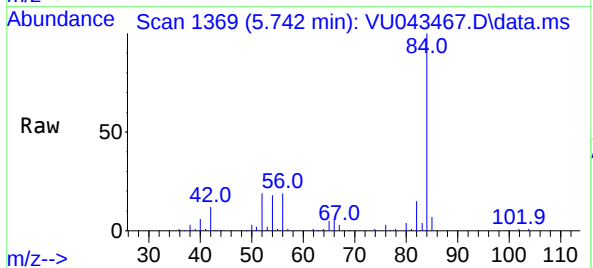




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

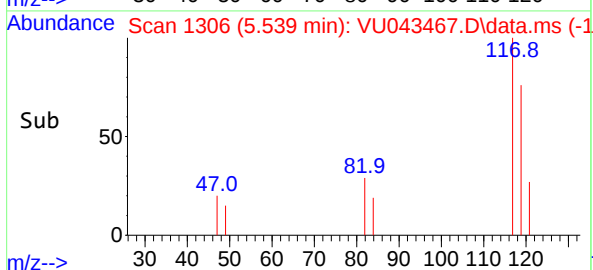
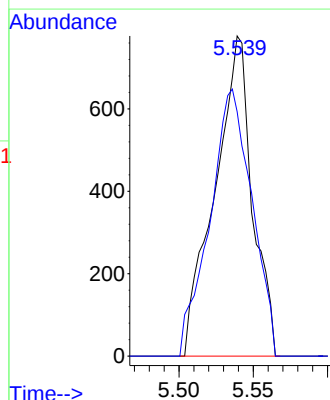
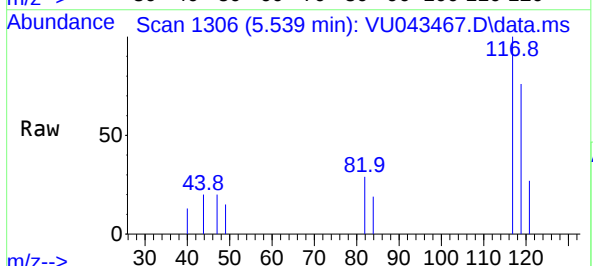
Instrument :
MSVOA_U
ClientSampled :

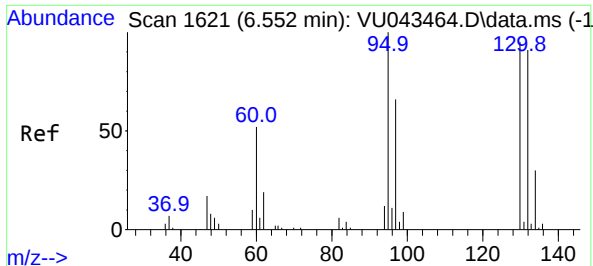
Tgt Ion: 62 Resp: 703
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#31
Carbon tetrachloride
Concen: 0.16 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion: 117 Resp: 1363
Ion Ratio Lower Upper
117 100
119 93.8 76.2 114.4



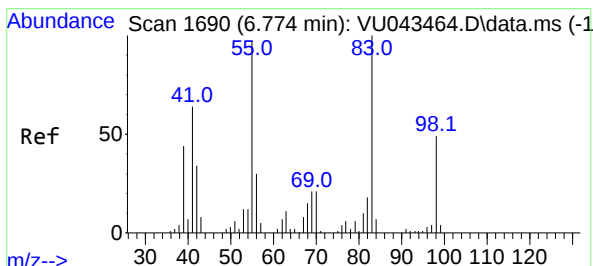
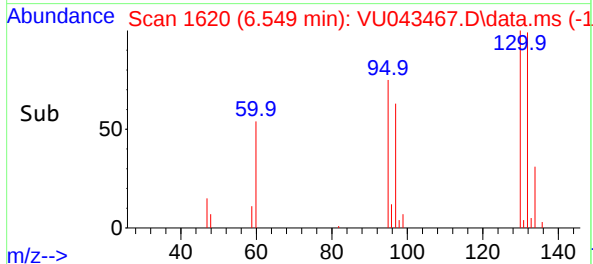
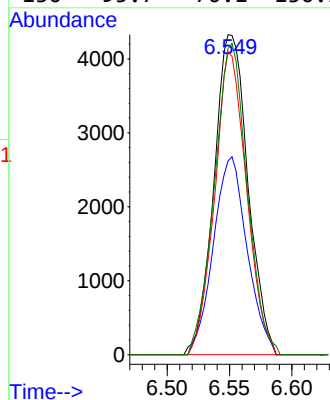
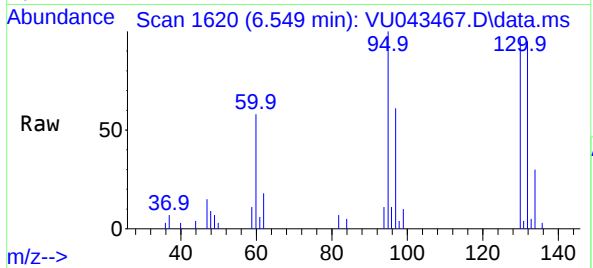


#34
Trichloroethene
Concen: 1.31 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 8220

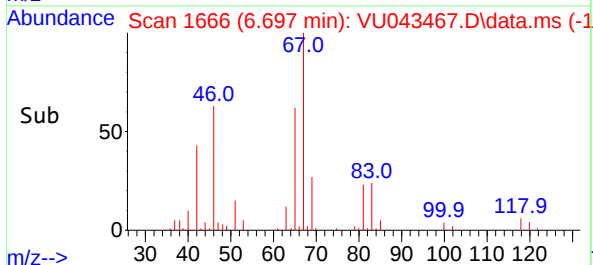
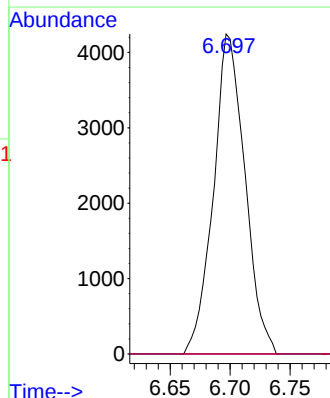
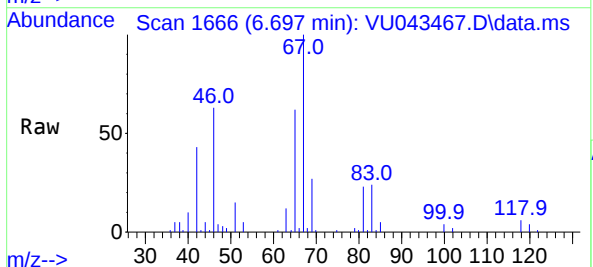
Ion	Ratio	Lower	Upper
95	100		
97	60.5	45.8	85.2
132	94.7	68.7	127.7
130	95.7	70.1	130.3

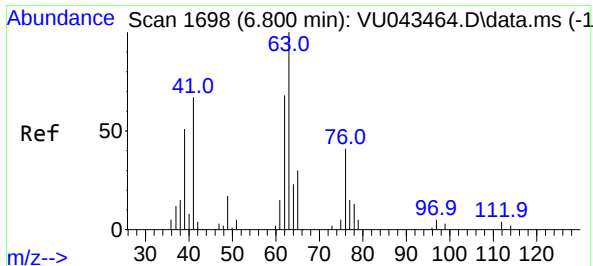


#35
Methylcyclohexane
Concen: 0.89 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion: 83 Resp: 7746

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.9	37.9	56.9#

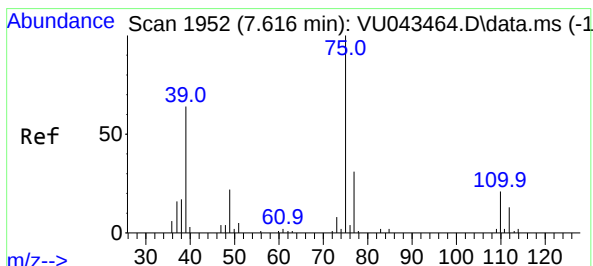
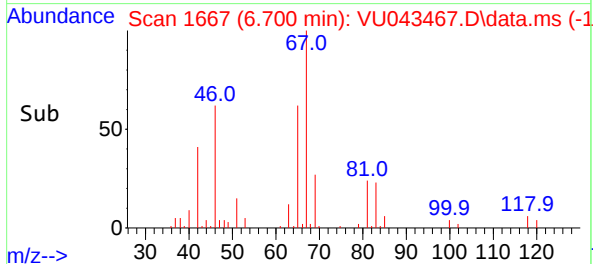
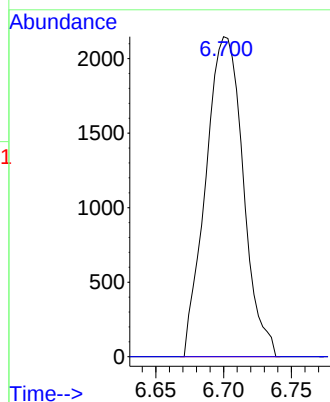
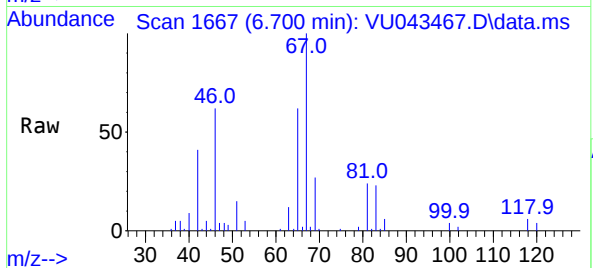




#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

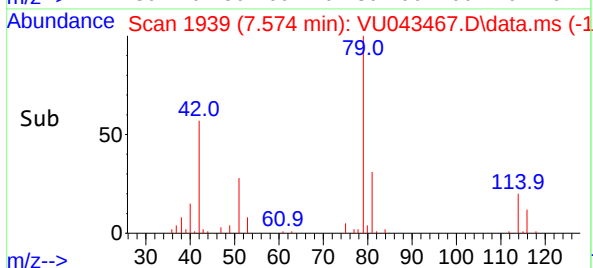
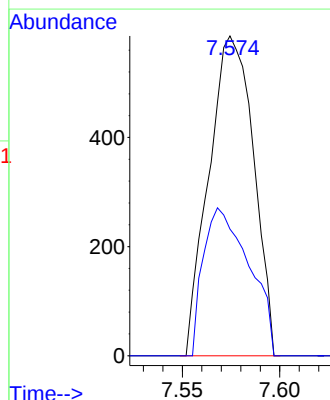
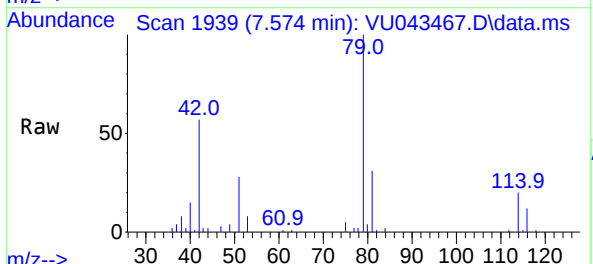
Instrument :
MSVOA_U
ClientSampled :

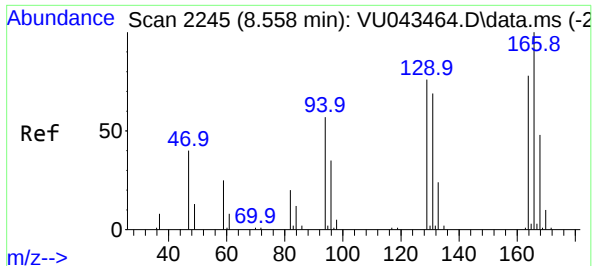
Tgt Ion: 63 Resp: 4125
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion: 75 Resp: 934
Ion Ratio Lower Upper
75 100
77 39.6 21.8 40.6



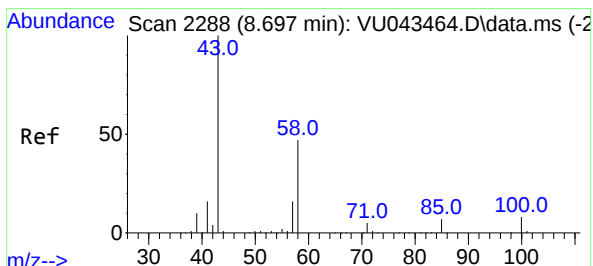
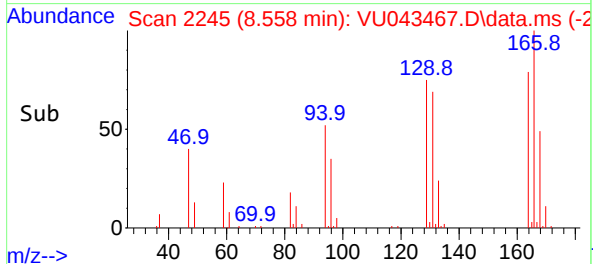
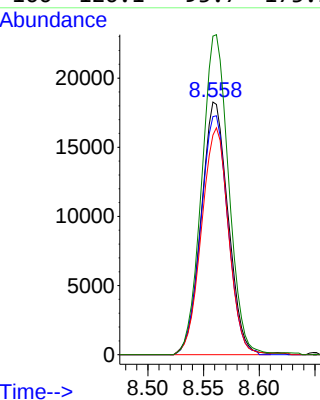
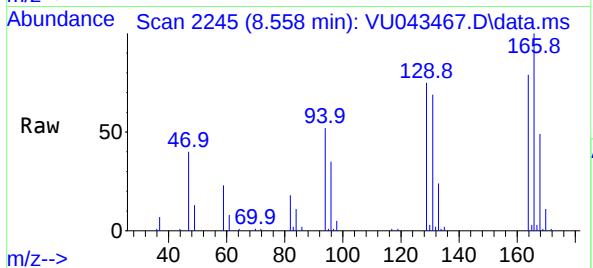


#47
Tetrachloroethene
Concen: 6.19 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 30790

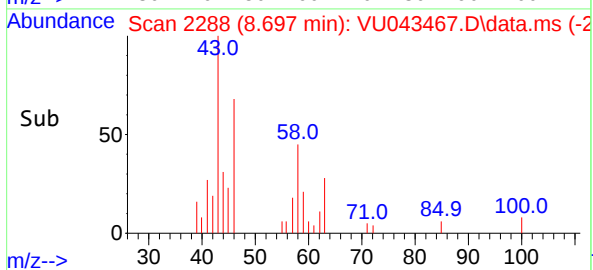
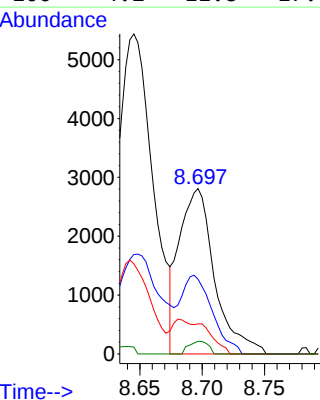
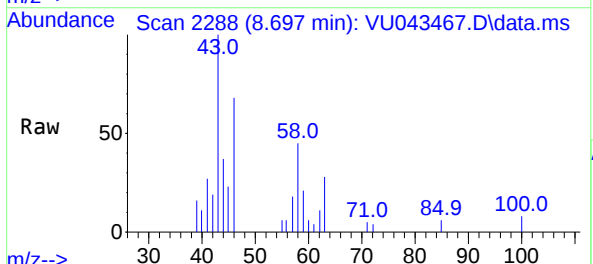
Ion	Ratio	Lower	Upper
164	100		
129	94.3	66.6	123.8
131	86.9	65.9	122.3
166	126.1	93.7	173.9

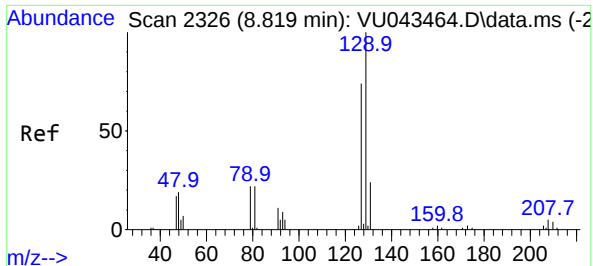


#48
2-Hexanone
Concen: 1.31 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043467.D
Acq: 30 Apr 2021 11:39

Tgt Ion: 43 Resp: 5546

Ion	Ratio	Lower	Upper
43	100		
58	42.0	50.0	75.0#
57	21.3	17.4	26.0
100	4.2	11.8	17.8#





#49

Dibromochloromethane

Concen: 4.82 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.254 min

Lab File: VU043467.D

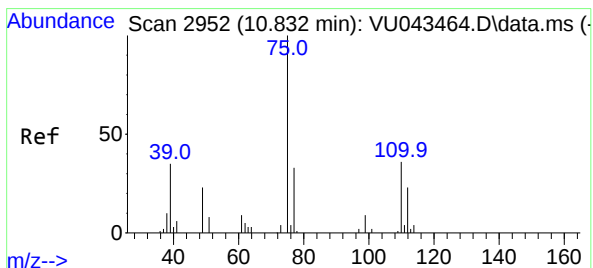
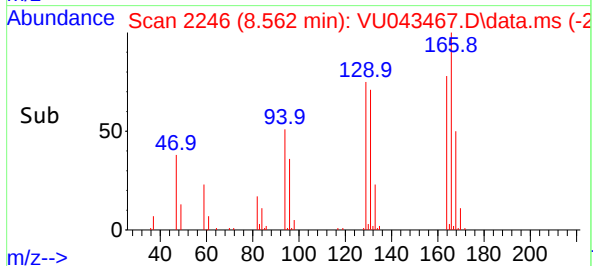
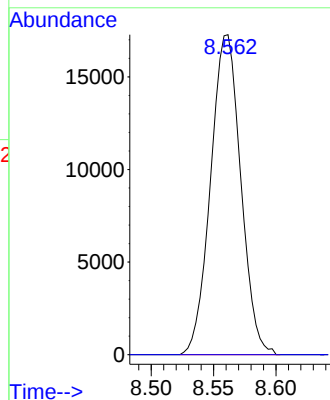
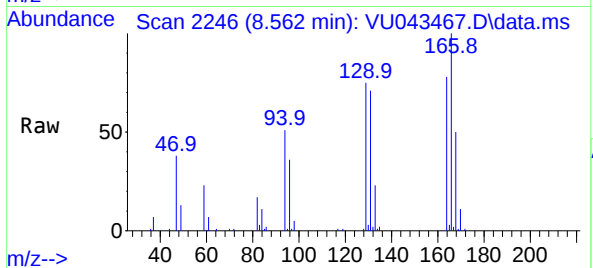
Acq: 30 Apr 2021 11:39

Tgt Ion:129 Resp: 29123

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.28 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043467.D

Acq: 30 Apr 2021 11:39

Tgt Ion: 75 Resp: 4978

Ion Ratio Lower Upper

75 100

110 0.8 31.5 47.3#

77 38.3 26.3 39.5

