

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043433.D
 Acq On : 29 Apr 2021 18:27
 Operator : SY/MD
 Sample : M2197-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 07:31:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

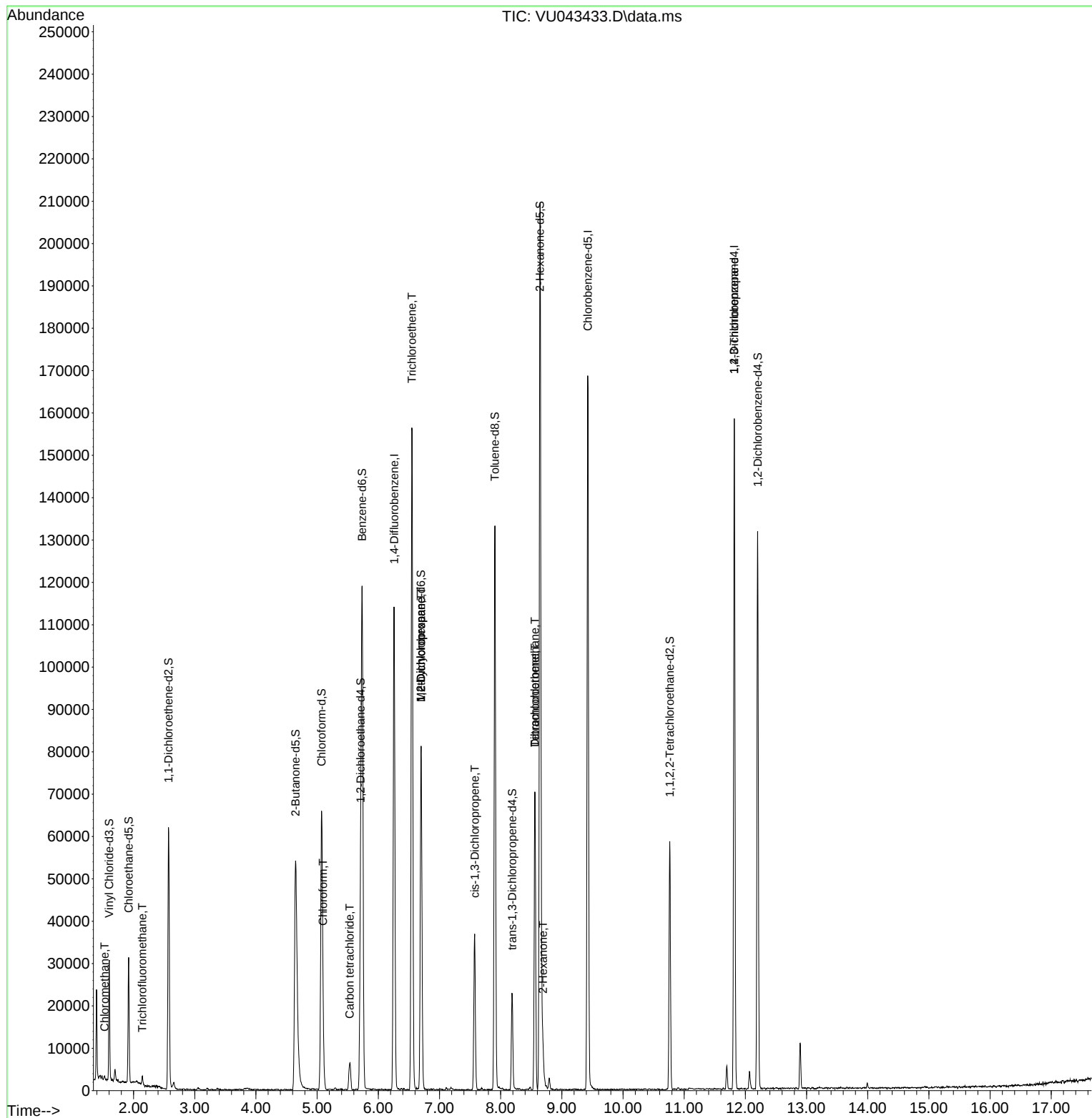
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82317	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	84456	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37722	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18696	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.919	69	19272	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.572	65	12116	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.649	46	104426	56.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.76%
24) Chloroform-d	5.073	84	54881	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.710	65	34115	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.735	84	96947	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.700	67	34195	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.906	98	79969	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloroprop...	8.189	79	11911	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.642	63	63671	44.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.66%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27822	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	30831	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%
Target Compounds						Qvalue
3) Chloromethane	1.527	50	488	0.09	ug/L	95
9) Trichlorofluoromethane	2.141	101	920	0.09	ug/L	86
25) Chloroform	5.096	83	7092	0.63	ug/L	98
31) Carbon tetrachloride	5.533	117	4358	0.50	ug/L	100
34) Trichloroethene	6.549	95	50729	8.16	ug/L	95
35) Methylcyclohexane	6.700	83	7526	0.87	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	4233	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	882	0.09	ug/L #	62
47) Tetrachloroethene	8.558	164	14914	3.02	ug/L	94
48) 2-Hexanone	8.690	43	3991	0.95	ug/L #	77
49) Dibromochloromethane	8.558	129	13598	2.27	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	5044	1.29	ug/L #	64

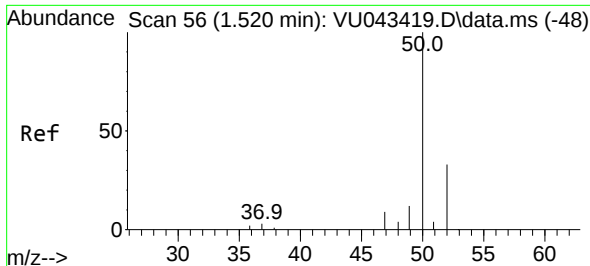
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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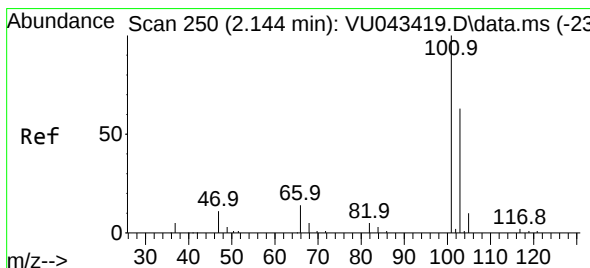
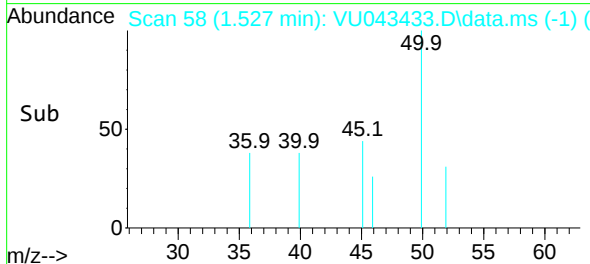
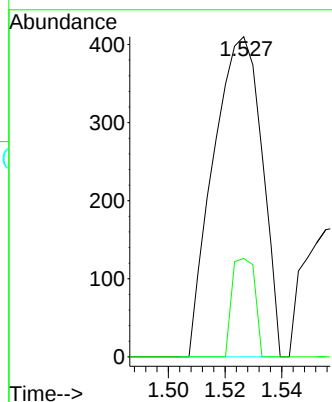
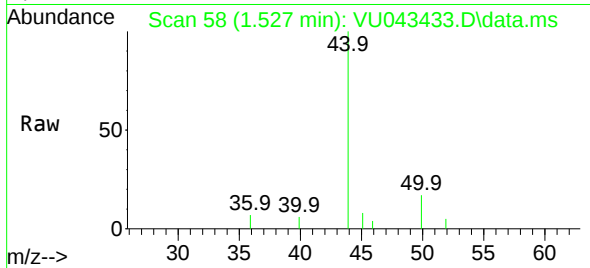




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.006 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

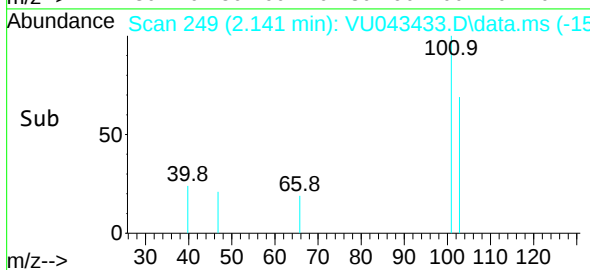
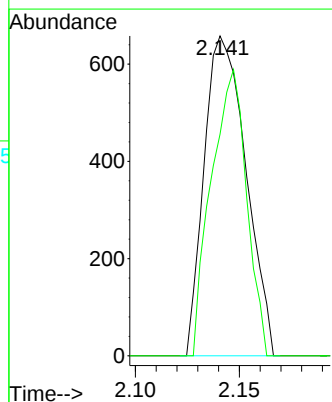
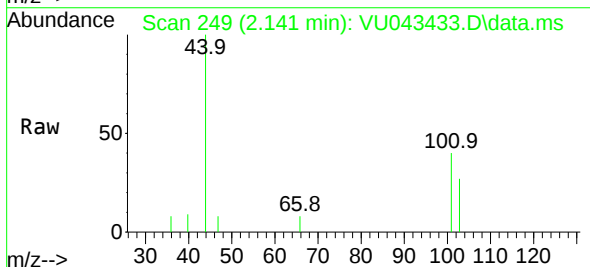
Instrument :
MSVOA_U
ClientSampled :

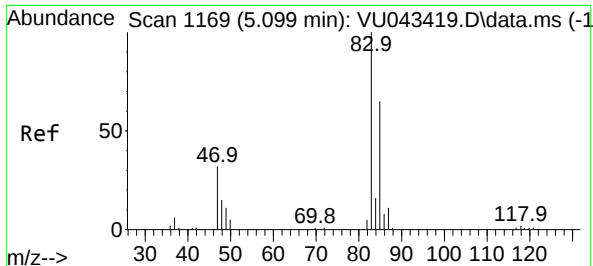
Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 30.7 23.6 43.8



#9
Trichlorofluoromethane
Concen: 0.09 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

Tgt Ion: 101 Resp: 920
Ion Ratio Lower Upper
101 100
103 75.3 51.5 77.3



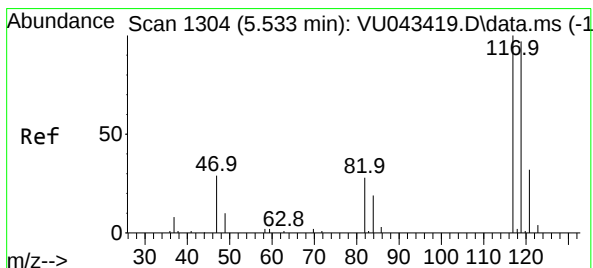
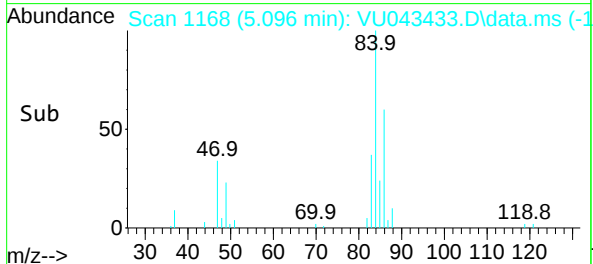
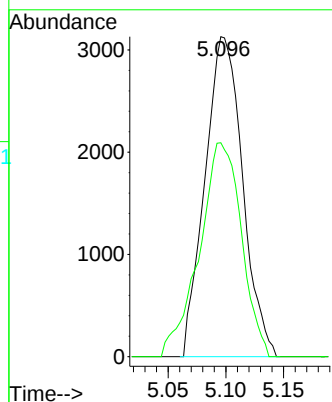
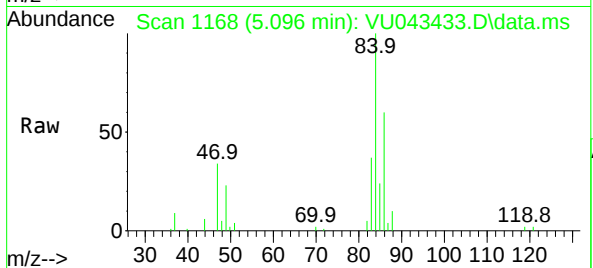


#25

Chloroform
Concen: 0.63 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

Instrument :
MSVOA_U
ClientSampled :

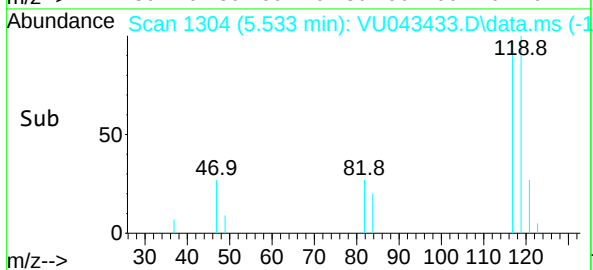
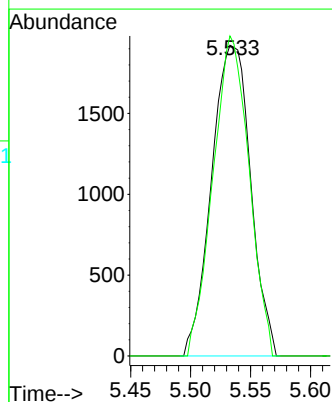
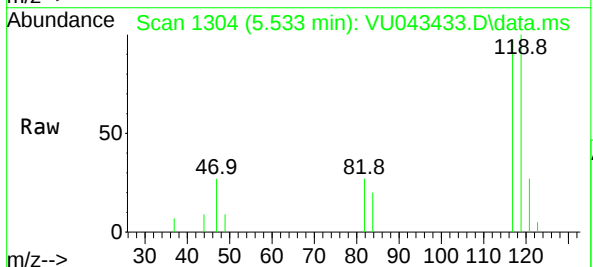
Tgt Ion: 83 Resp: 7092
Ion Ratio Lower Upper
83 100
85 66.8 45.6 84.8

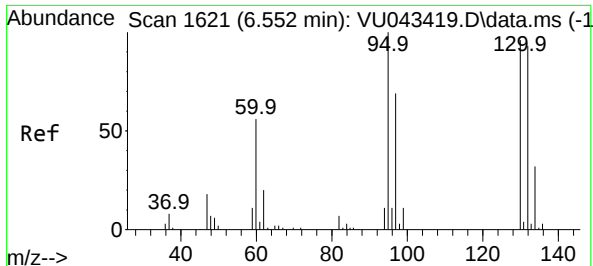


#31

Carbon tetrachloride
Concen: 0.50 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

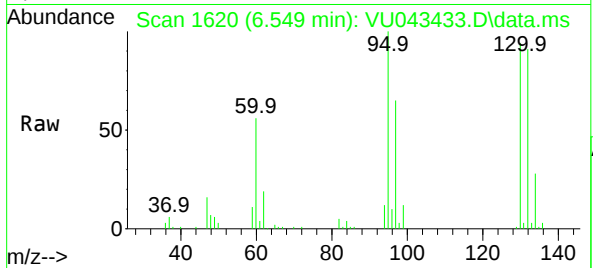
Tgt Ion: 117 Resp: 4358
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.4



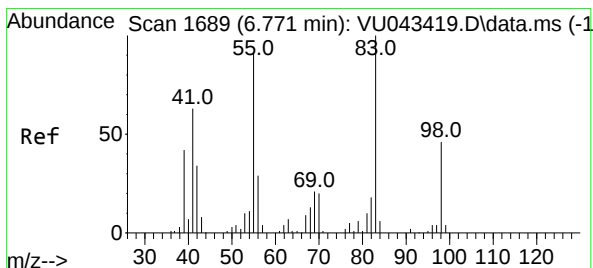
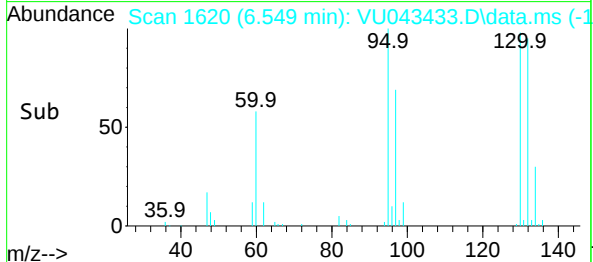
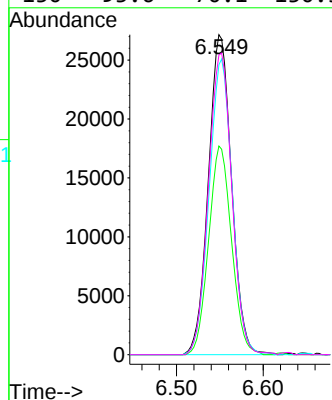


#34
Trichloroethene
Concen: 8.16 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

Instrument :
MSVOA_U
ClientSampled :

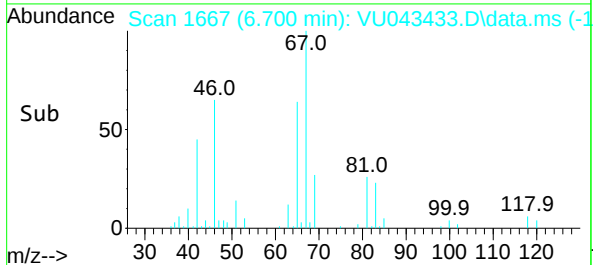
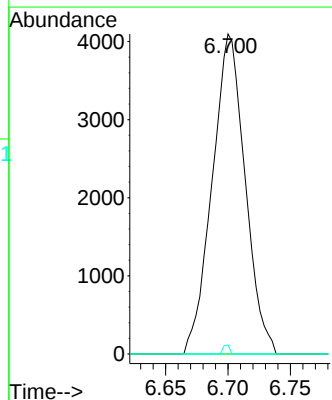
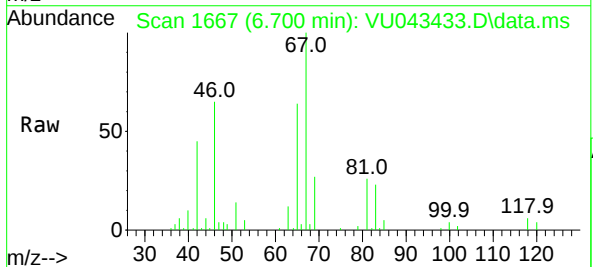


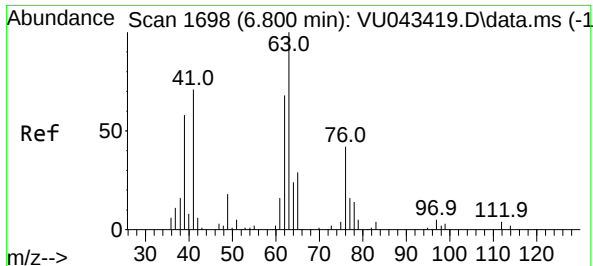
Tgt Ion: 95 Resp: 50729
Ion Ratio Lower Upper
95 100
97 65.2 45.8 85.2
132 90.6 68.7 127.7
130 93.6 70.1 130.3



#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

Tgt Ion: 83 Resp: 7526
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.6 37.9 56.9#

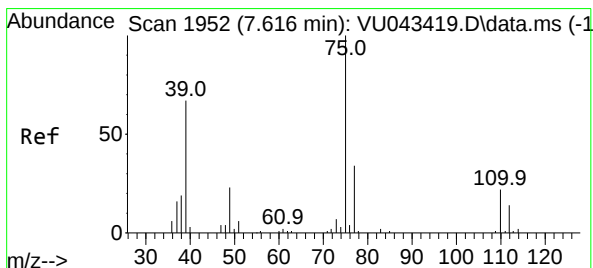
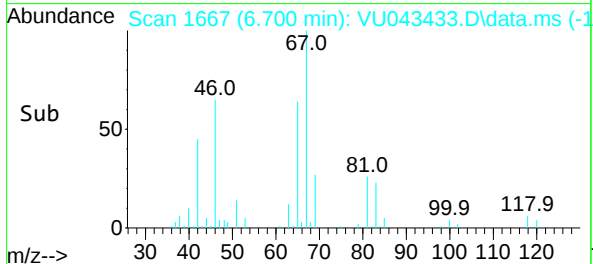
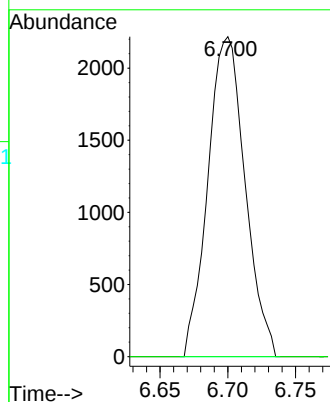
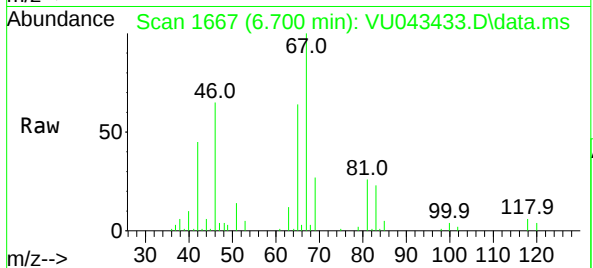




#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

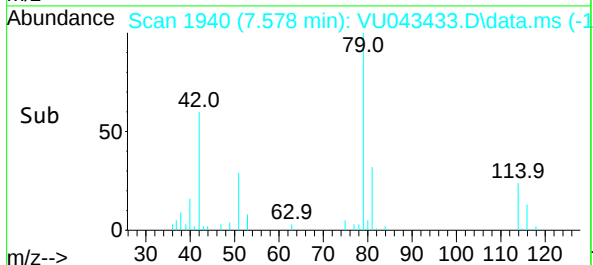
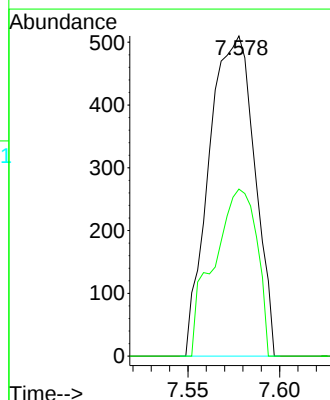
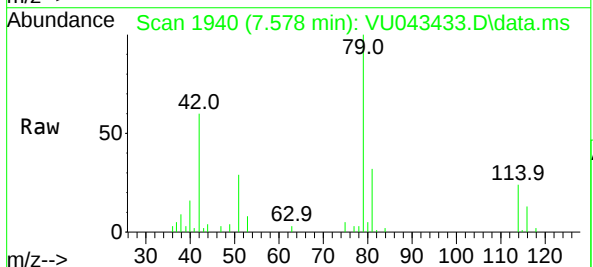
Instrument :
MSVOA_U
ClientSampled :

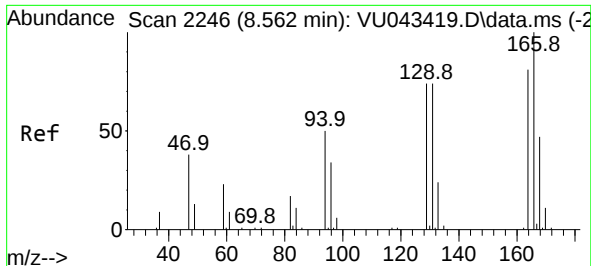
Tgt Ion: 63 Resp: 4233
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

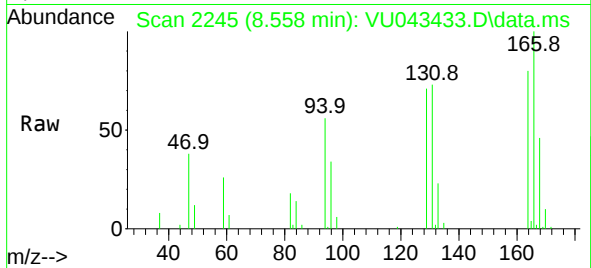
Tgt Ion: 75 Resp: 882
Ion Ratio Lower Upper
75 100
77 52.2 21.8 40.6#



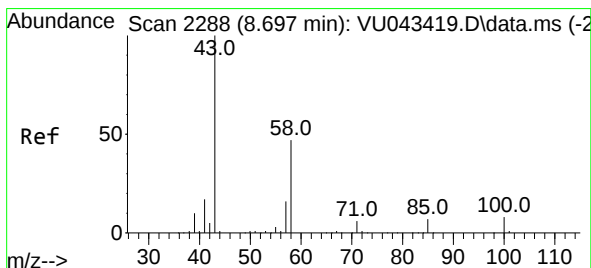
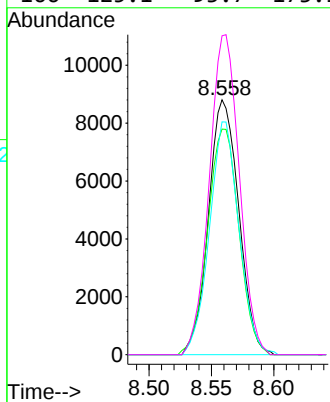
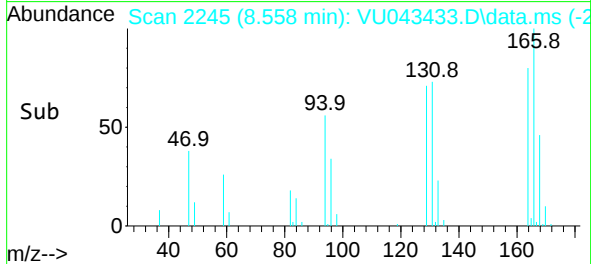


#47
Tetrachloroethene
Concen: 3.02 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

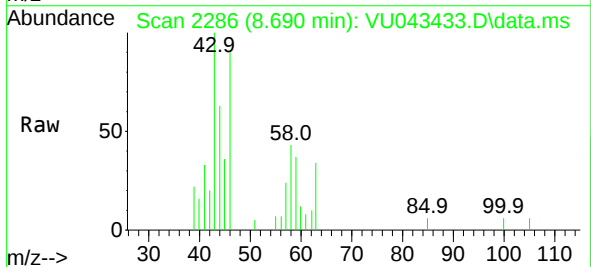
Instrument :
MSVOA_U
ClientSampled :



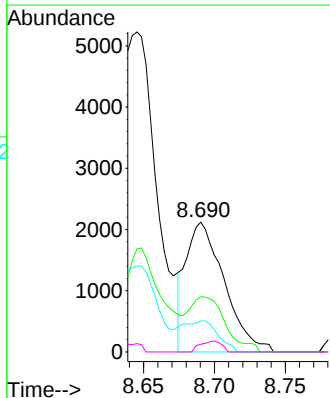
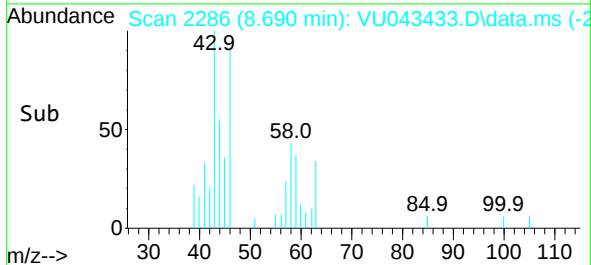
Tgt Ion:164 Resp: 14914
Ion Ratio Lower Upper
164 100
129 88.5 66.6 123.8
131 91.3 65.9 122.3
166 125.1 93.7 173.9

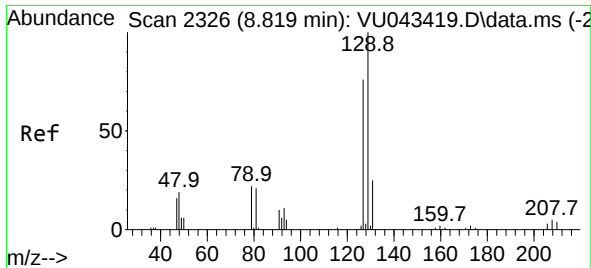


#48
2-Hexanone
Concen: 0.95 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27



Tgt Ion: 43 Resp: 3991
Ion Ratio Lower Upper
43 100
58 40.2 50.0 75.0#
57 23.0 17.4 26.0
100 4.7 11.8 17.8#

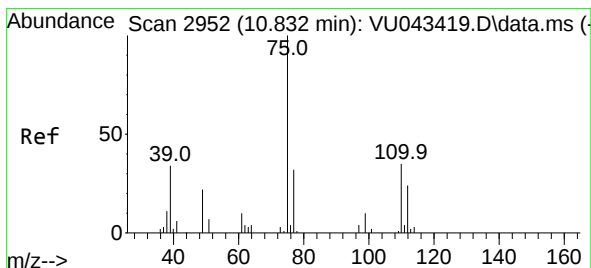
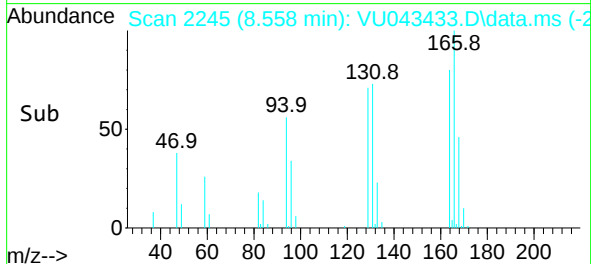
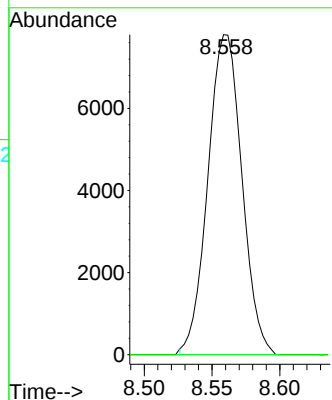
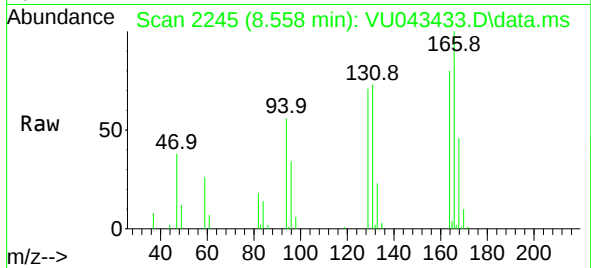




#49
Dibromochloromethane
Concen: 2.27 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 13598
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#



#61
1,2,3-Trichloropropane
Concen: 1.29 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043433.D
Acq: 29 Apr 2021 18:27

Tgt Ion: 75 Resp: 5044
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 34.6 26.3 39.5

