

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043235.D
 Acq On : 20 Apr 2021 19:52
 Operator : SY/MD
 Sample : M2057-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:03:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

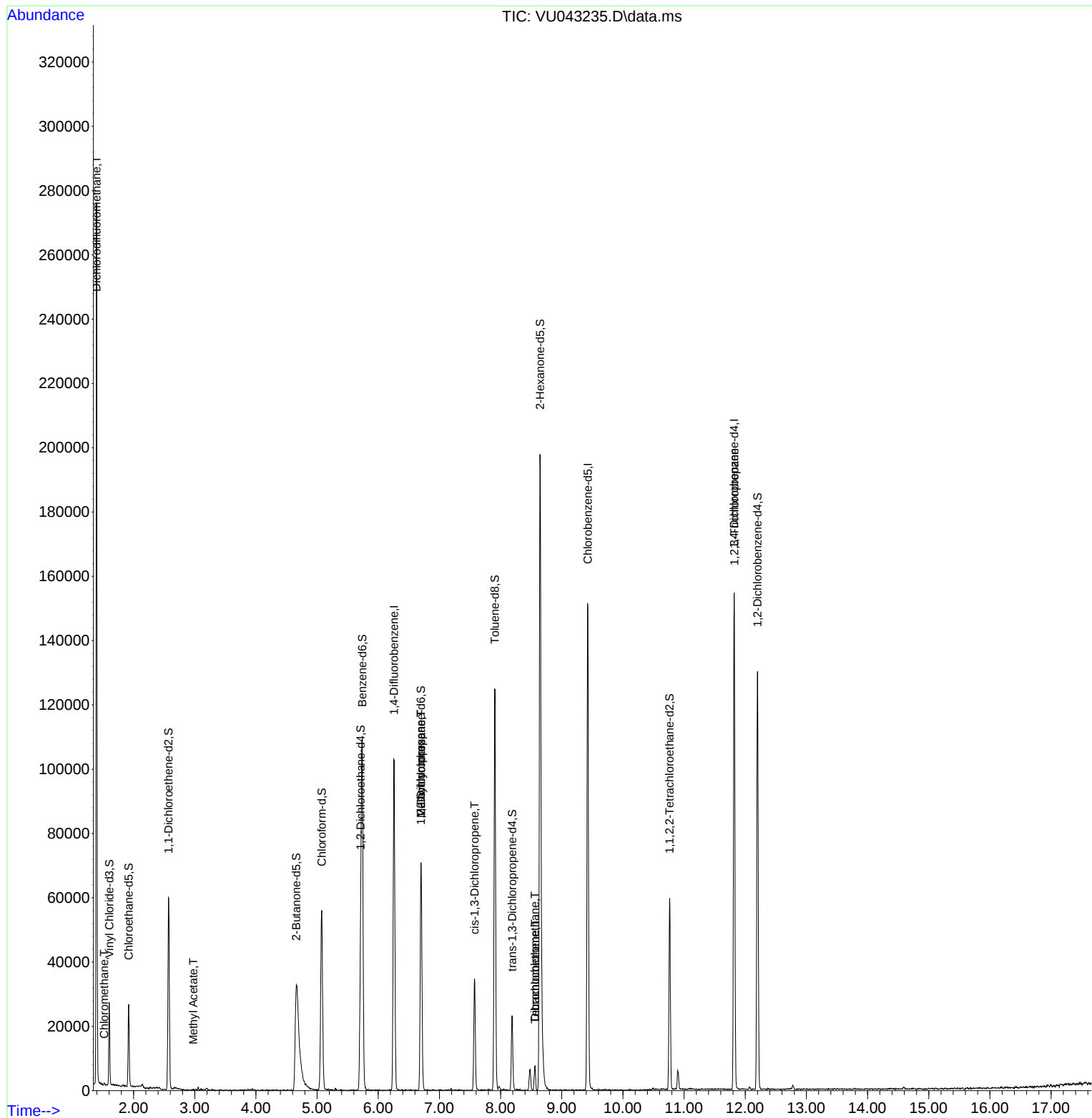
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	76561	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	76212	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	36411	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17751	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.919	69	16860	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.571	65	11384	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	4.661	46	97205	56.93	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.86%
24) Chloroform-d	5.076	84	48890	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.713	65	33311	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.739	84	88239	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.700	67	30540	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.906	98	76446	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloroprop...	8.189	79	11246	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.645	63	63036	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	27510	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	32595	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%
Target Compounds						
2) Dichlorodifluoromethane	1.395	85	2957	0.60	ug/L	Qvalue 97
3) Chloromethane	1.520	50	661	0.14	ug/L	# 76
15) Methyl Acetate	2.977	43	235	0.10	ug/L	# 48
35) Methylcyclohexane	6.700	83	6840	0.88	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	3366	0.59	ug/L	# 87
39) cis-1,3-Dichloropropene	7.574	75	960	0.11	ug/L	# 53
47) Tetrachloroethene	8.565	164	1601	0.36	ug/L	89
49) Dibromochloromethane	8.562	129	1520	0.28	ug/L	# 9
61) 1,2,3-Trichloropropane	11.822	75	4589	1.22	ug/L	# 58

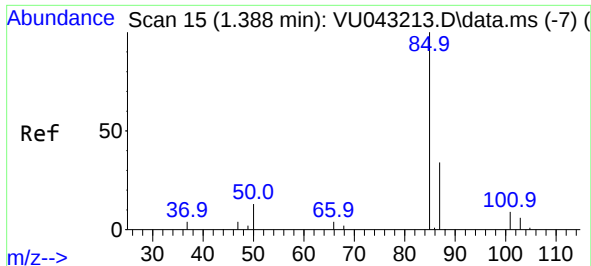
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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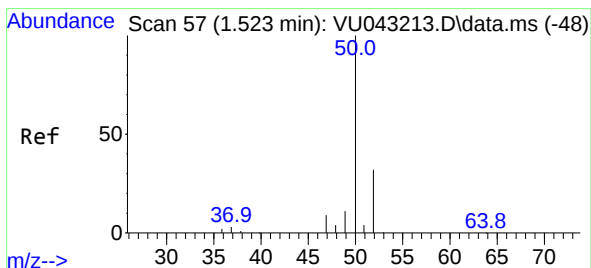
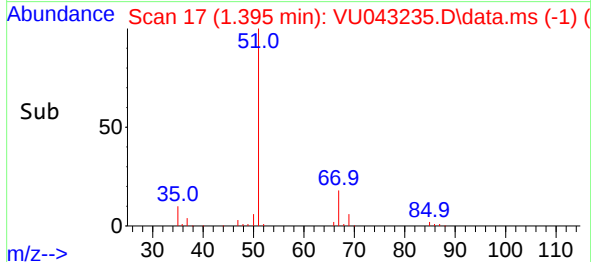
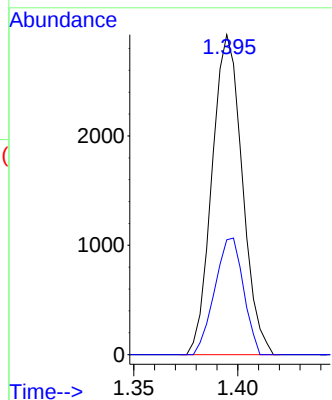
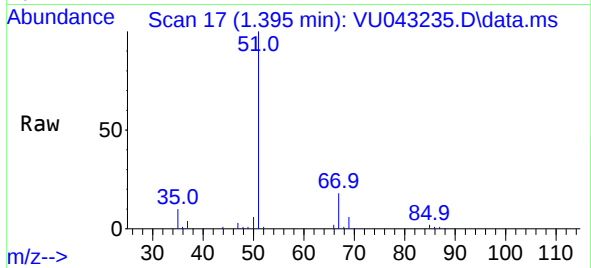




#2
Dichlorodifluoromethane
Concen: 0.60 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU043235.D
Acq: 20 Apr 2021 19:52

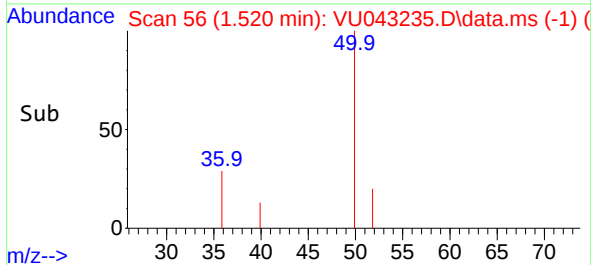
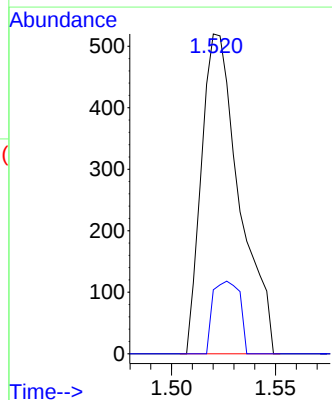
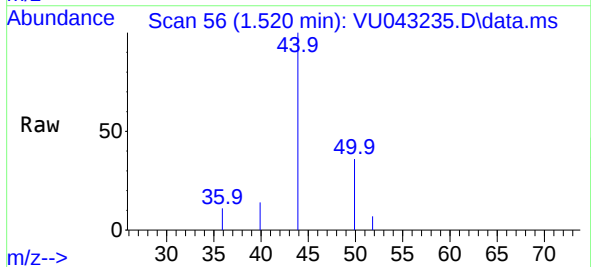
Instrument :
MSVOA_U
ClientSampled :

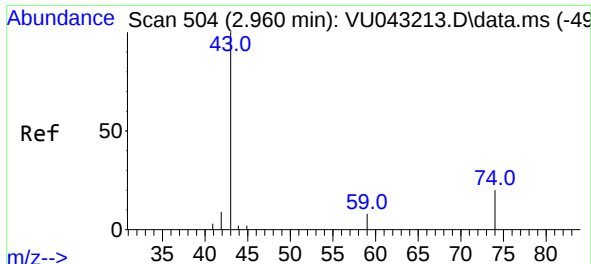
Tgt Ion: 85 Resp: 2957
Ion Ratio Lower Upper
85 100
87 34.5 26.3 39.5



#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043235.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 50 Resp: 661
Ion Ratio Lower Upper
50 100
52 20.0 23.6 43.8#

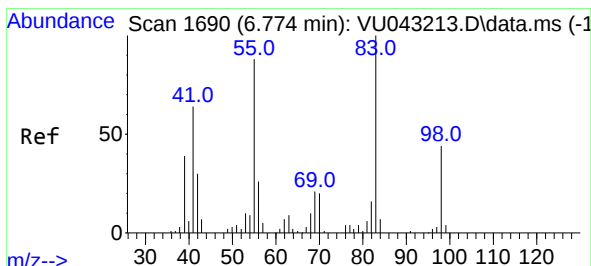
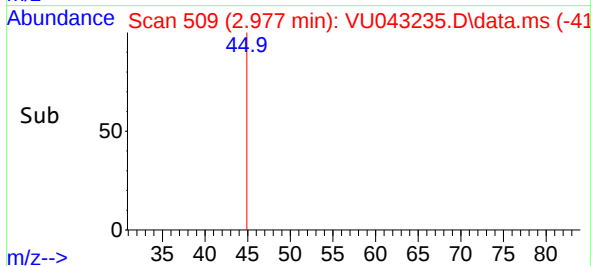
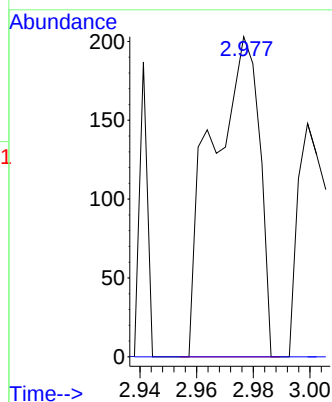
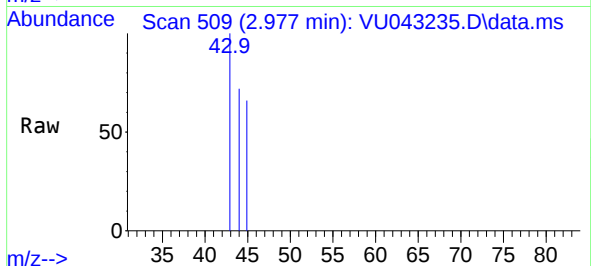




#15
Methyl Acetate
Concen: 0.10 ug/L
RT: 2.977 min Scan# 509
Delta R.T. 0.016 min
Lab File: VU043235.D
Acq: 20 Apr 2021 19:52

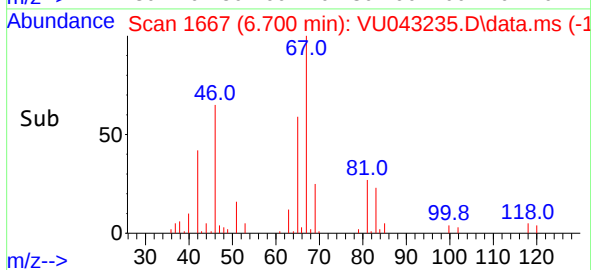
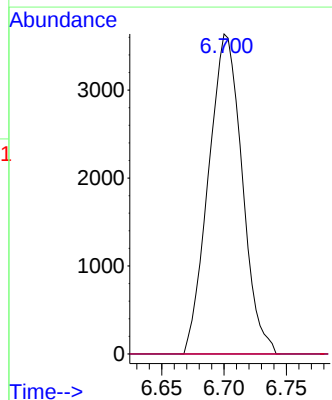
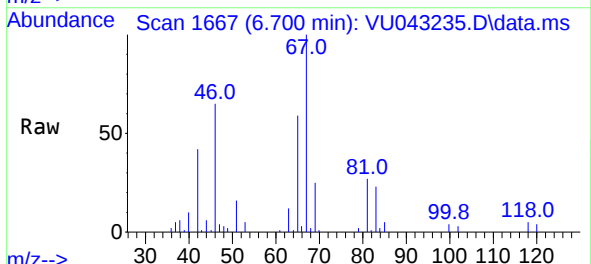
Instrument :
MSVOA_U
ClientSampled :

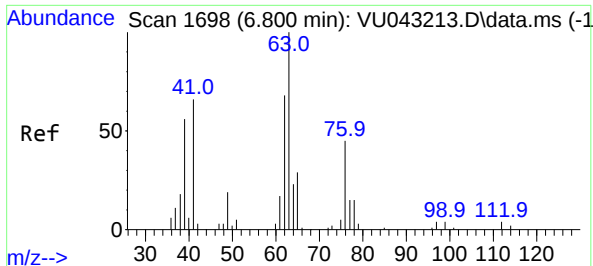
Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#



#35
Methylcyclohexane
Concen: 0.88 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043235.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 83 Resp: 6840
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#

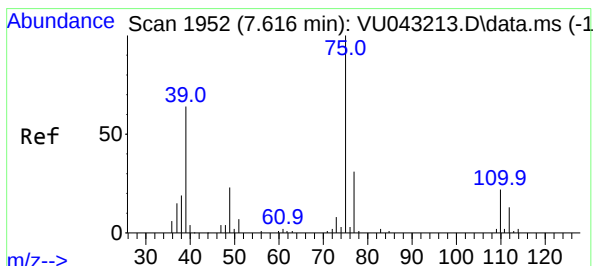
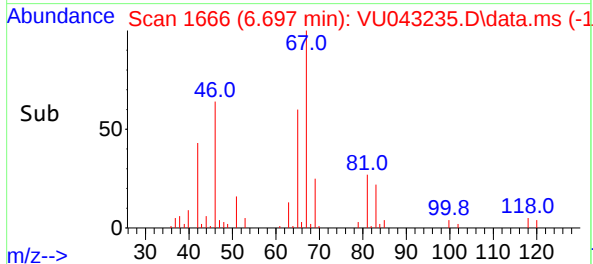
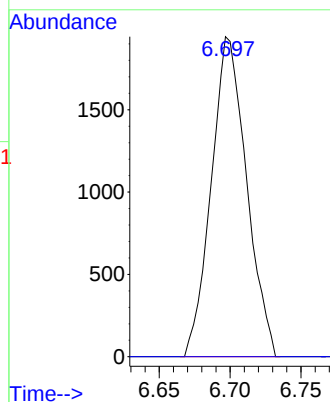
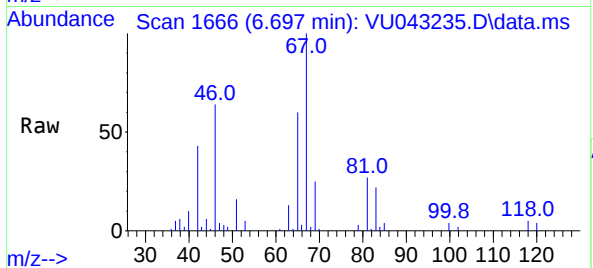




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043235.D
Acq: 20 Apr 2021 19:52

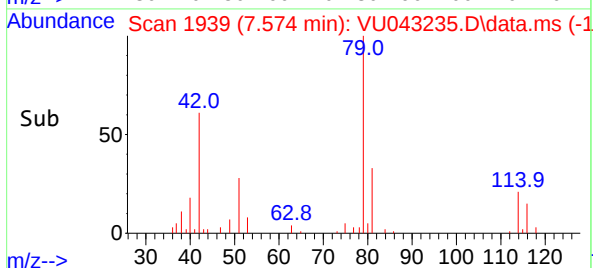
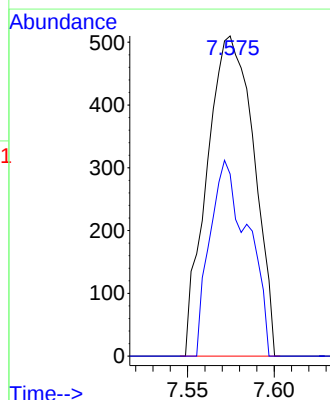
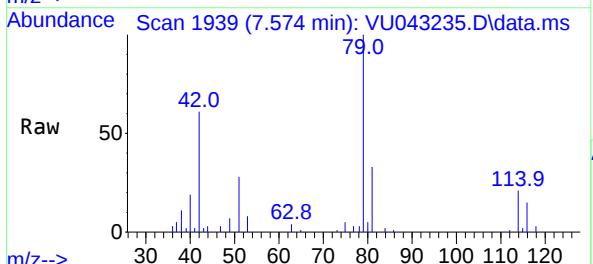
Instrument :
MSVOA_U
ClientSampleId :

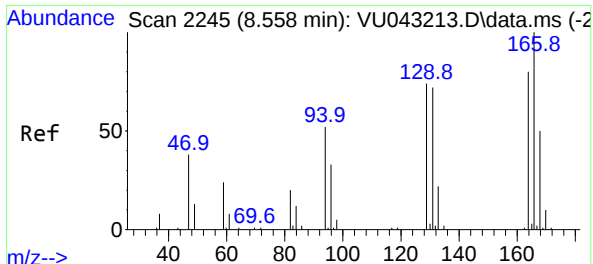
Tgt Ion: 63 Resp: 3366
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043235.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 75 Resp: 960
Ion Ratio Lower Upper
75 100
77 56.9 21.8 40.6#



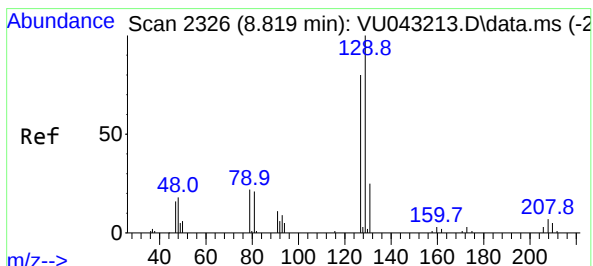
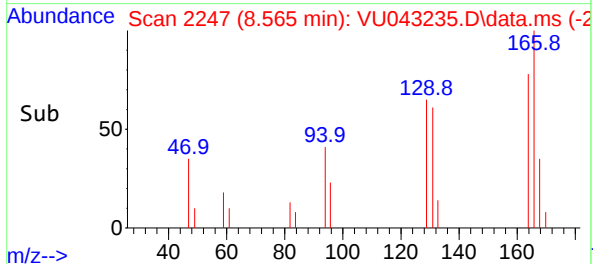
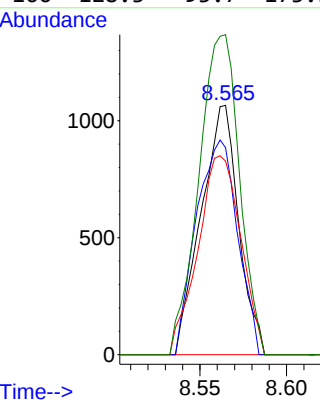
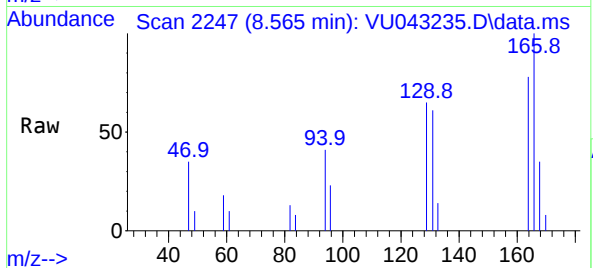


#47
Tetrachloroethene
Concen: 0.36 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.007 min
Lab File: VU043235.D
Acq: 20 Apr 2021 19:52

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 1601

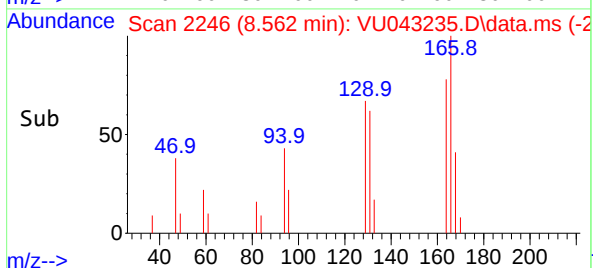
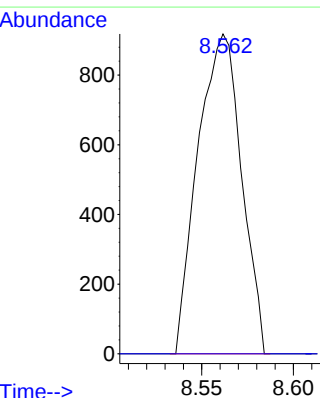
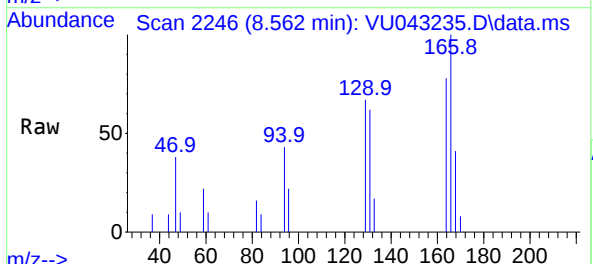
Ion	Ratio	Lower	Upper
164	100		
129	83.0	66.6	123.8
131	77.7	65.9	122.3
166	128.3	93.7	173.9

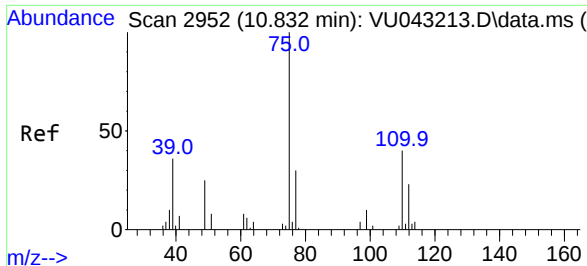


#49
Dibromochloromethane
Concen: 0.28 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043235.D
Acq: 20 Apr 2021 19:52

Tgt Ion:129 Resp: 1520

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
1,2,3-Trichloropropane
Concen: 1.22 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU043235.D
Acq: 20 Apr 2021 19:52

Tgt Ion: 75 Resp: 4589
Ion Ratio Lower Upper
75 100
110 0.9 31.5 47.3#
77 42.4 26.3 39.5#

Instrument :
MSVOA_U
ClientSampled :

