

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043154.D
 Acq On : 16 Apr 2021 04:58
 Operator : SY/MD
 Sample : M2055-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:19:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

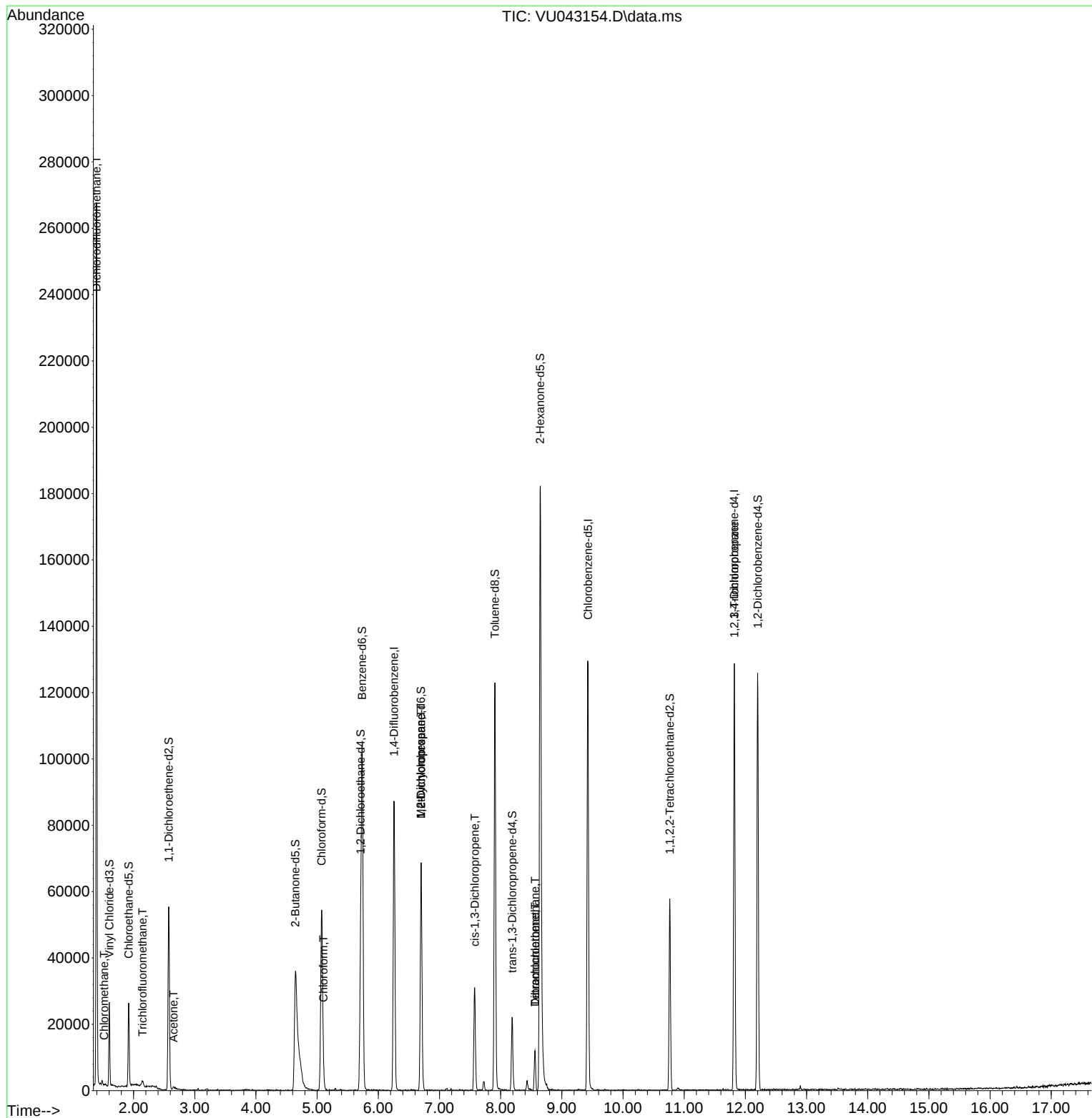
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	65748	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.426	117	67365	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	31663	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16797	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.919	69	16940	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.575	65	10626	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.80%
20) 2-Butanone-d5	4.645	46	93957	64.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.14%
24) Chloroform-d	5.073	84	46955	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.713	65	31630	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.735	84	85159	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.700	67	28784	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.906	98	76321	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloroprop...	8.189	79	11150	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.645	63	64343	56.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.32%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25931	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	30402	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	2801	0.66	ug/L	98
3) Chloromethane	1.520	50	511	0.12	ug/L	94
9) Trichlorofluoromethane	2.144	101	721	0.09	ug/L	91
13) Acetone	2.652	43	1802	1.67	ug/L	89
25) Chloroform	5.102	83	3938	0.44	ug/L	84
35) Methylcyclohexane	6.700	83	6590	0.96	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	3367	0.66	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	832	0.11	ug/L	87
47) Tetrachloroethene	8.562	164	2484	0.63	ug/L	94
49) Dibromochloromethane	8.562	129	2308	0.48	ug/L #	9
61) 1,2,3-Trichloropropane	11.822	75	4301	1.31	ug/L #	64

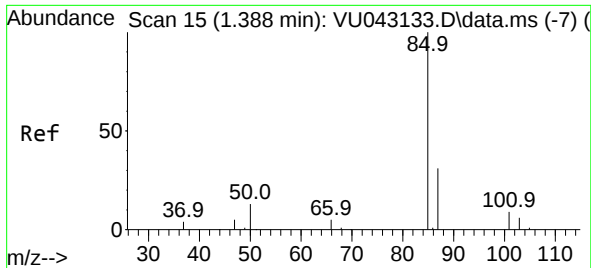
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
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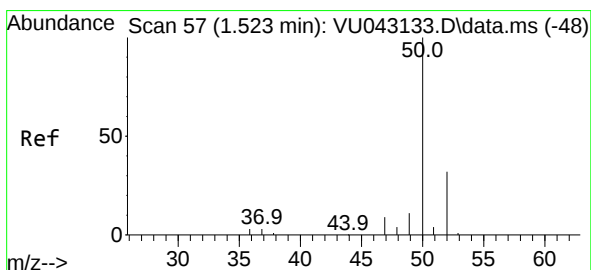
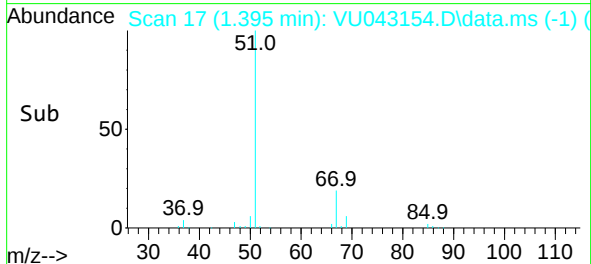
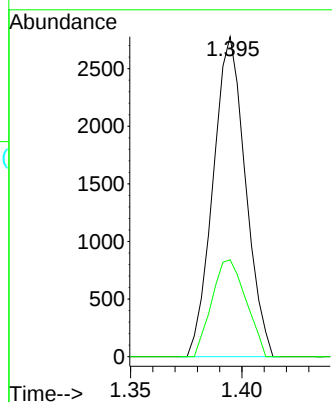
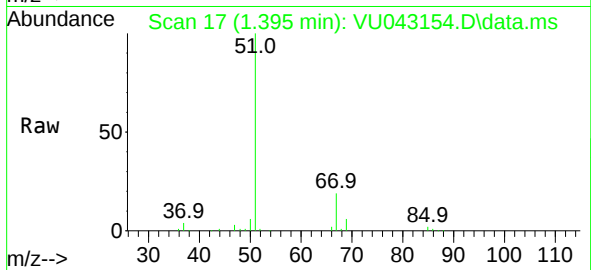




#2
Dichlorodifluoromethane
Concen: 0.66 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

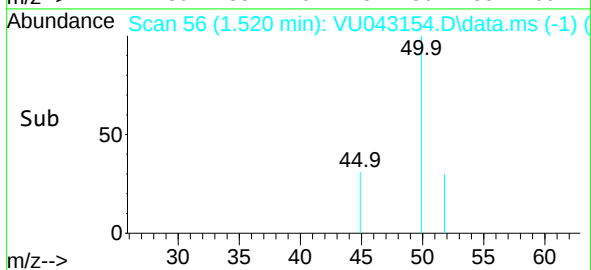
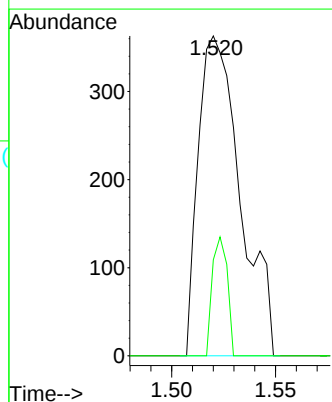
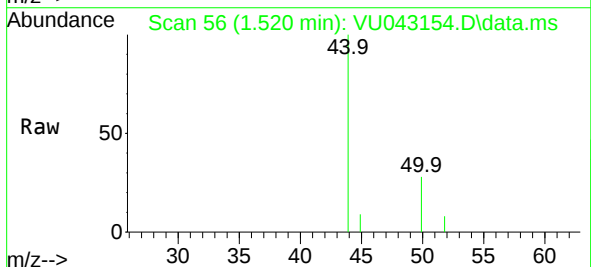
Instrument :
MSVOA_U
ClientSampled :

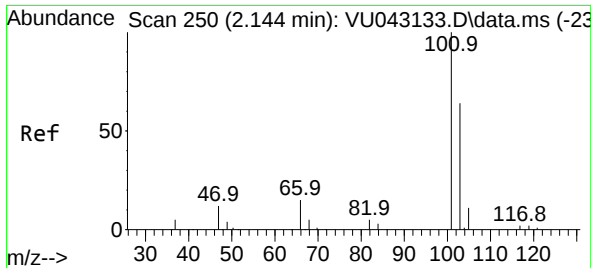
Tgt Ion: 85 Resp: 2801
Ion Ratio Lower Upper
85 100
87 31.9 26.3 39.5



#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 30.0 23.6 43.8

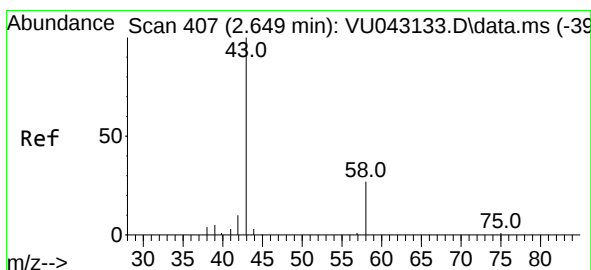
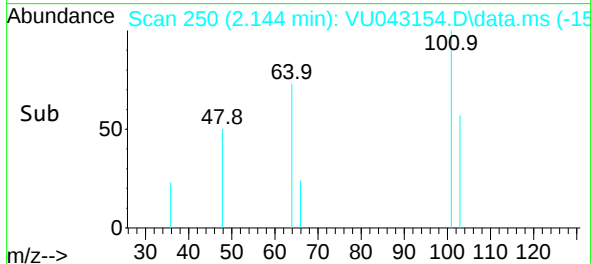
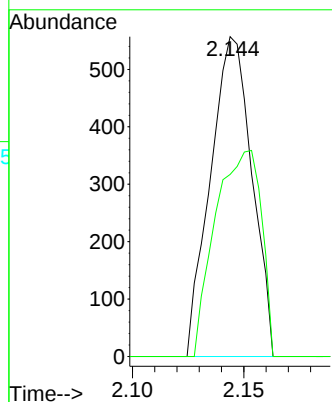
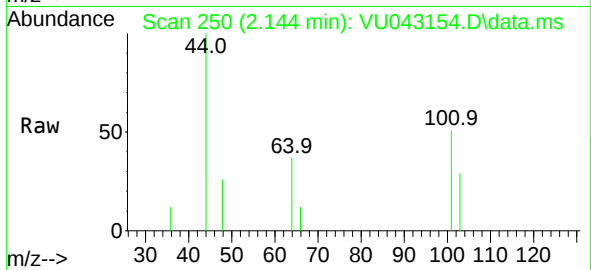




#9
Trichlorofluoromethane
Concen: 0.09 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

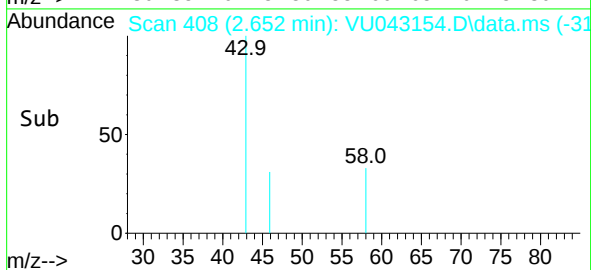
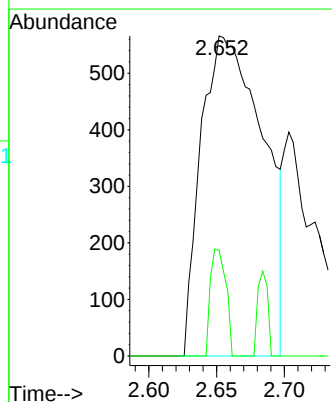
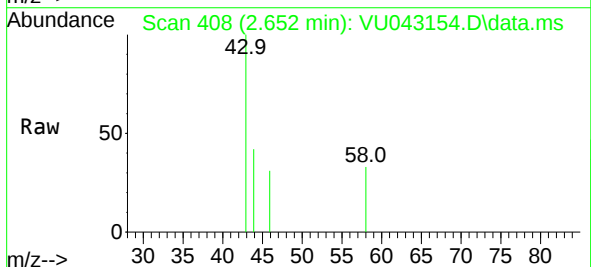
Instrument :
MSVOA_U
ClientSampled :

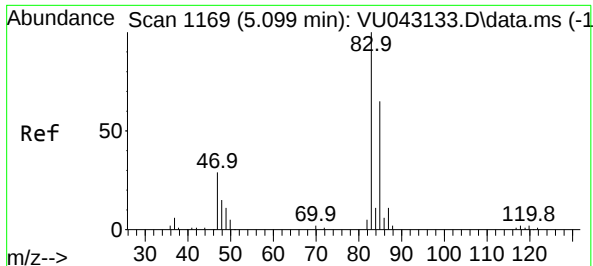
Tgt Ion:101 Resp: 721
Ion Ratio Lower Upper
101 100
103 71.4 51.5 77.3



#13
Acetone
Concen: 1.67 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
58 8.3 0.0 25.0



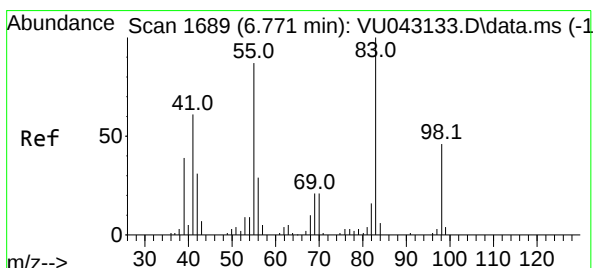
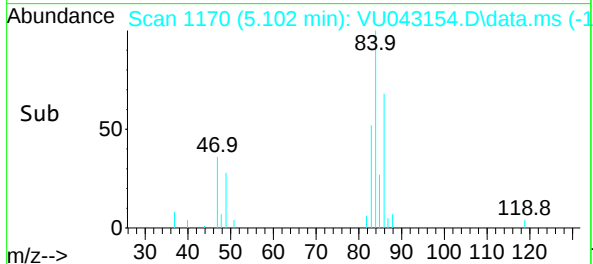
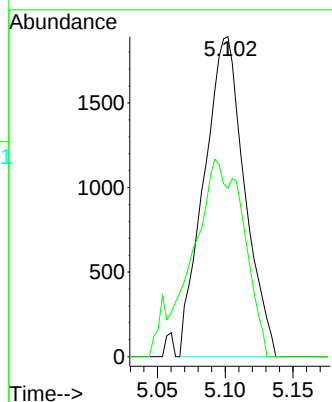
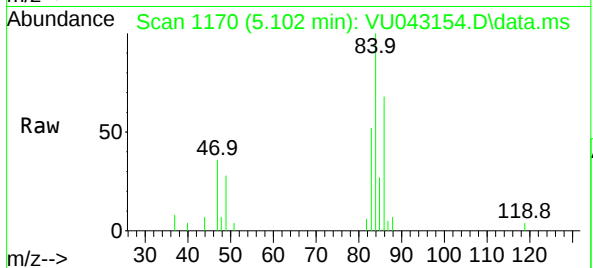


#25

Chloroform
Concen: 0.44 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

Instrument :
MSVOA_U
ClientSampled :

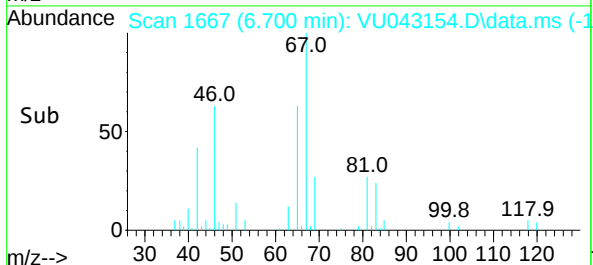
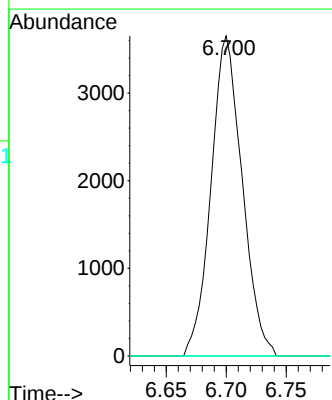
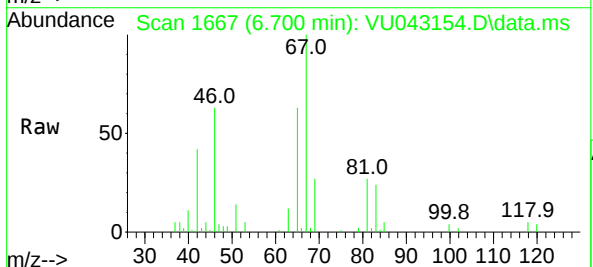
Tgt Ion: 83 Resp: 3938
Ion Ratio Lower Upper
83 100
85 52.6 45.6 84.8

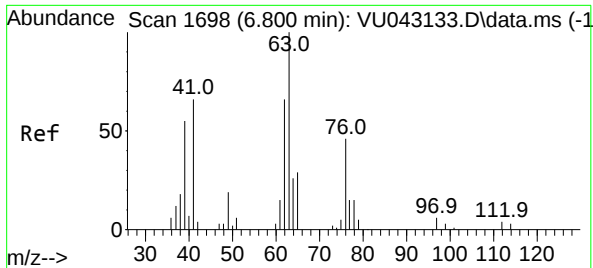


#35

Methylcyclohexane
Concen: 0.96 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

Tgt Ion: 83 Resp: 6590
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#

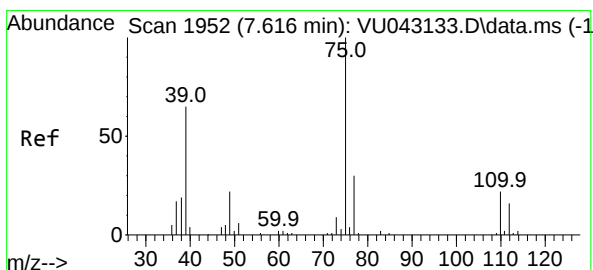
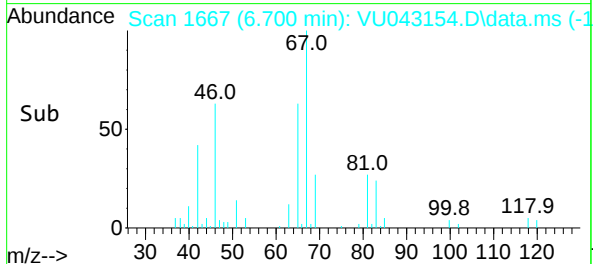
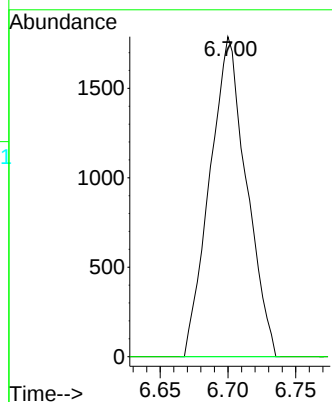
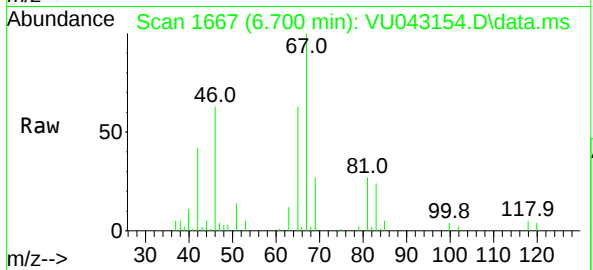




#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

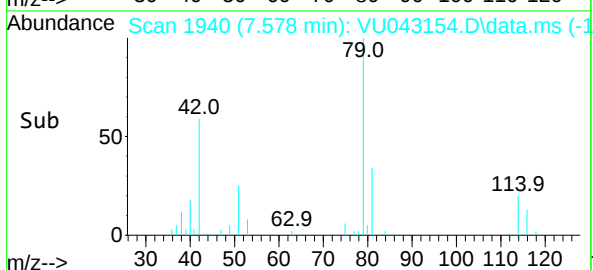
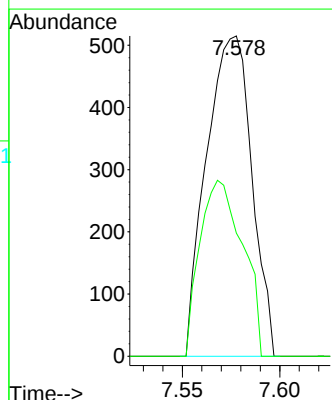
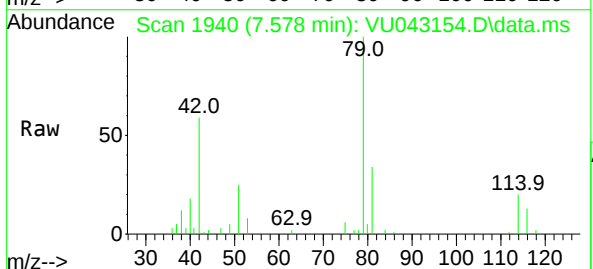
Instrument :
MSVOA_U
ClientSampled :

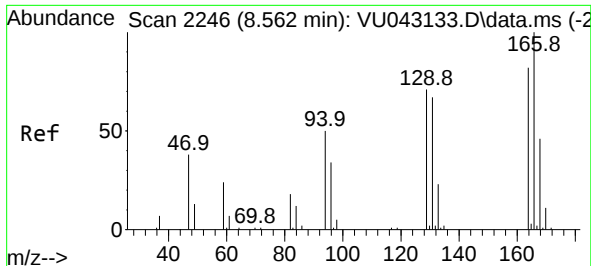
Tgt Ion: 63 Resp: 3367
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

Tgt Ion: 75 Resp: 832
Ion Ratio Lower Upper
75 100
77 38.4 21.8 40.6



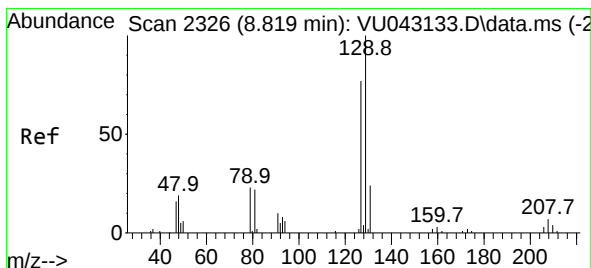
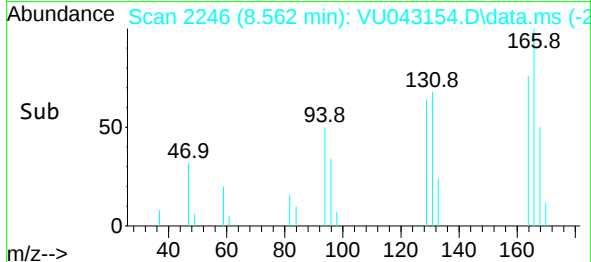
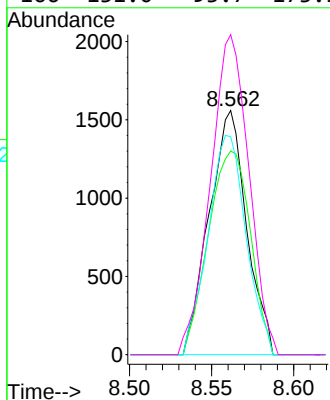
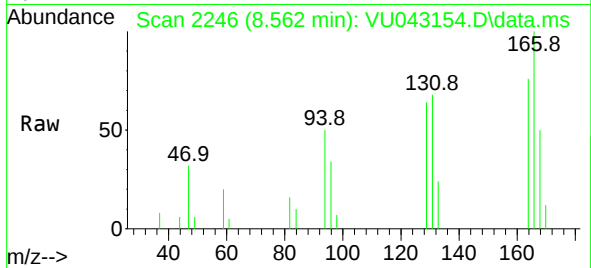


#47
Tetrachloroethene
Concen: 0.63 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 2484

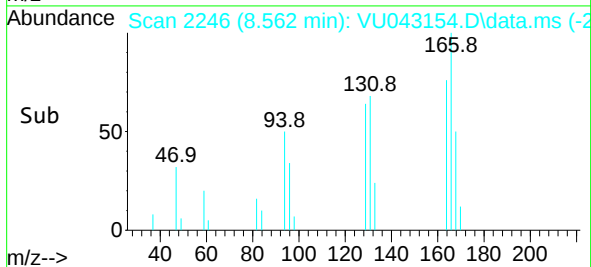
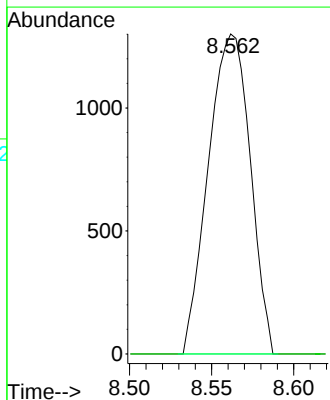
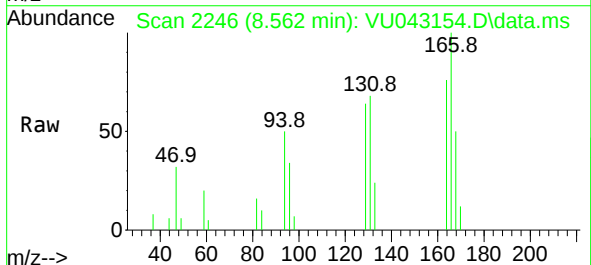
Ion	Ratio	Lower	Upper
164	100		
129	83.4	66.6	123.8
131	89.2	65.9	122.3
166	131.0	93.7	173.9

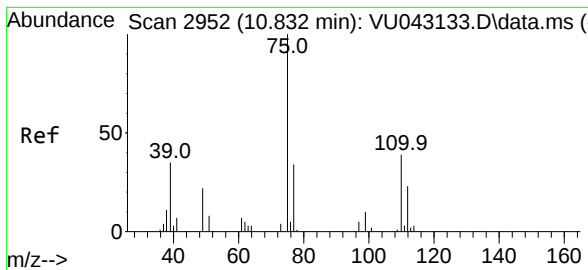


#49
Dibromochloromethane
Concen: 0.48 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043154.D
Acq: 16 Apr 2021 04:58

Tgt Ion:129 Resp: 2308

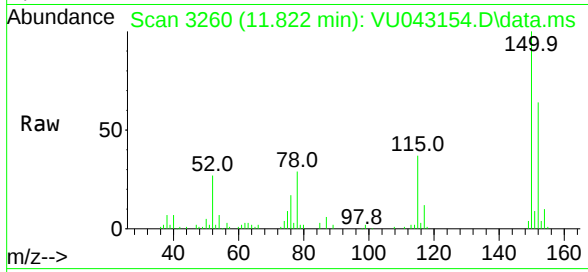
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.31 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU043154.D
 Acq: 16 Apr 2021 04:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4301
 Ion Ratio Lower Upper
 75 100
 110 1.1 31.5 47.3#
 77 34.9 26.3 39.5

