

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043659.D
 Acq On : 11 May 2021 13:08
 Operator : SY/MD
 Sample : M2301-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 01:28:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

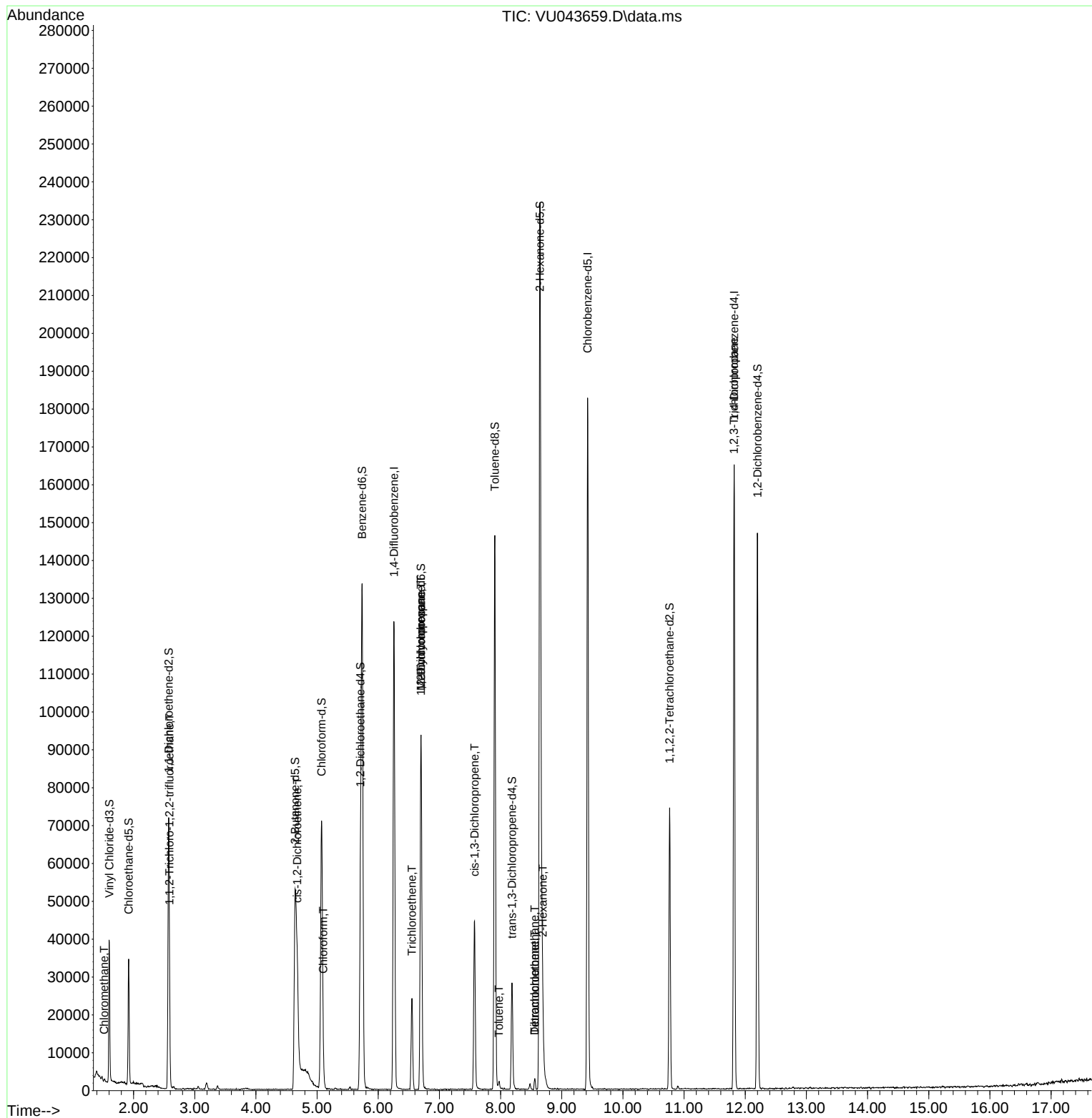
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	90556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	90747	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39361	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25794	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.919	69	22074	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.575	65	13778	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.642	46	104926	46.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.82%
24) Chloroform-d	5.073	84	62825	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.710	65	39901	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.735	84	110343	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.697	67	41695	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.906	98	90146	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloroprop...	8.185	79	15597	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.642	63	86282	59.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.48%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35283	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	33789	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	581	0.09	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2011	0.34	ug/L	92
22) cis-1,2-Dichloroethene	4.674	96	7775	1.25	ug/L	98
25) Chloroform	5.099	83	3189	0.24	ug/L	92
34) Trichloroethene	6.549	95	7655	1.25	ug/L	98
35) Methylcyclohexane	6.700	83	8824	1.12	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	4797	0.67	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1060	0.11	ug/L #	53
42) Toluene	7.973	91	1617	0.06	ug/L	88
47) Tetrachloroethene	8.558	164	545	0.12	ug/L	96
48) 2-Hexanone	8.690	43	4107	0.95	ug/L #	88
49) Dibromochloromethane	8.555	129	574	0.10	ug/L #	12
61) 1,2,3-Trichloropropane	11.816	75	5233	1.31	ug/L #	66

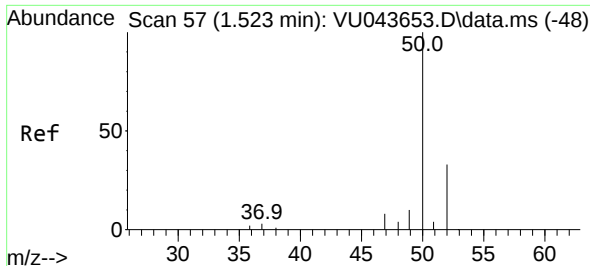
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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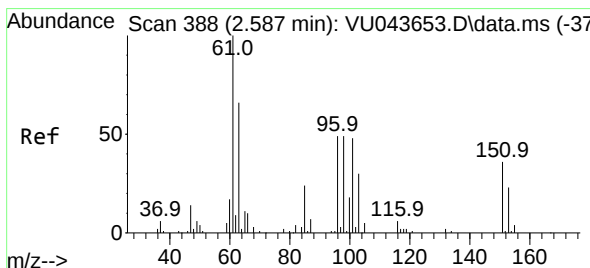
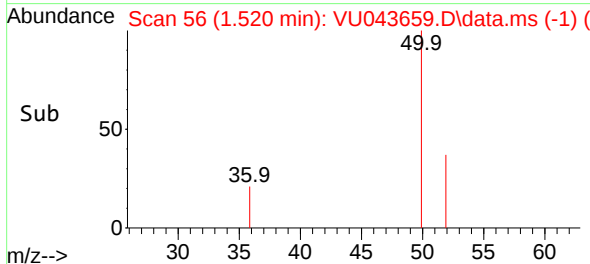
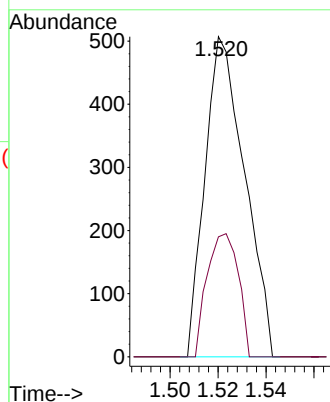
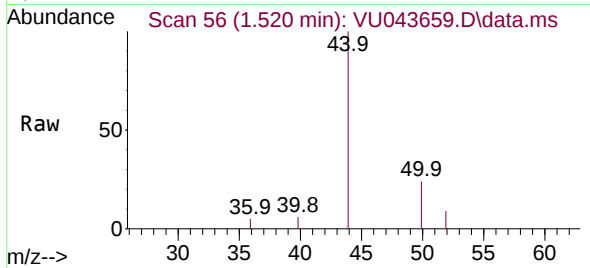




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

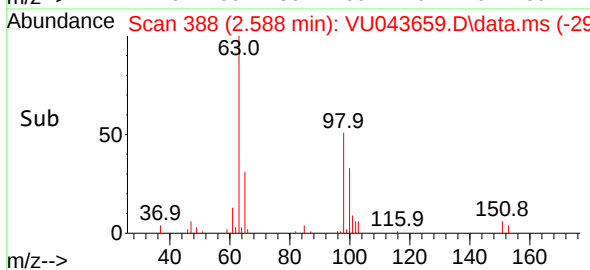
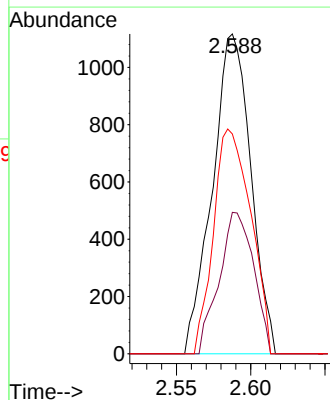
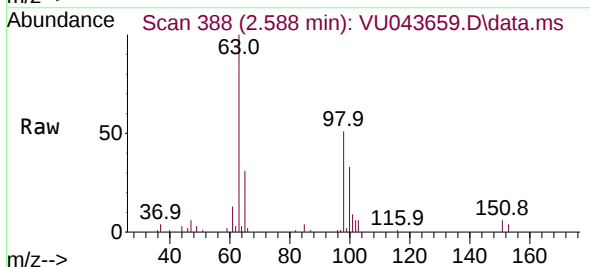
Instrument :
MSVOA_U
ClientSampled :

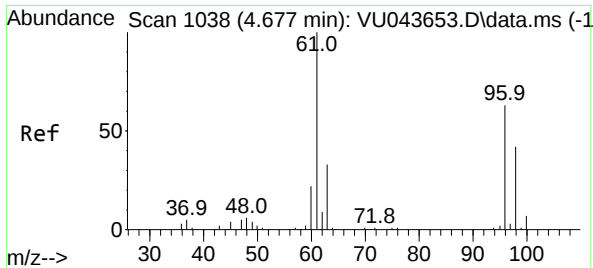
Tgt Ion: 50 Resp: 581
Ion Ratio Lower Upper
50 100
52 37.5 22.1 41.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.34 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

Tgt Ion: 101 Resp: 2011
Ion Ratio Lower Upper
101 100
85 39.6 38.5 57.7
151 68.2 58.5 87.7

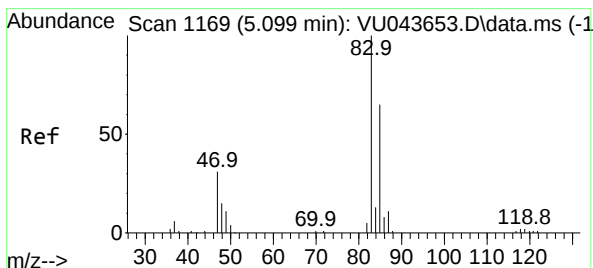
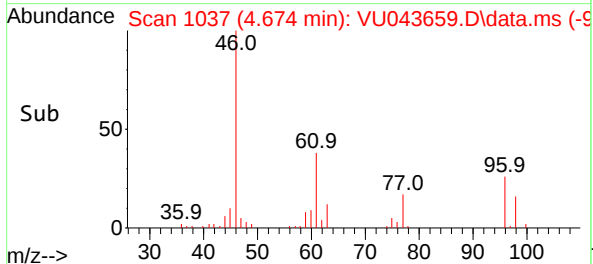
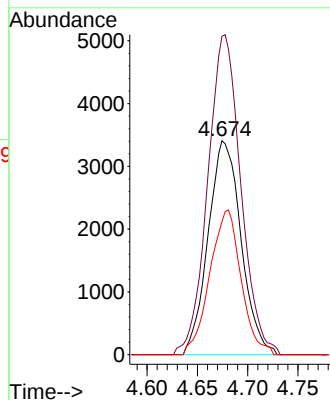
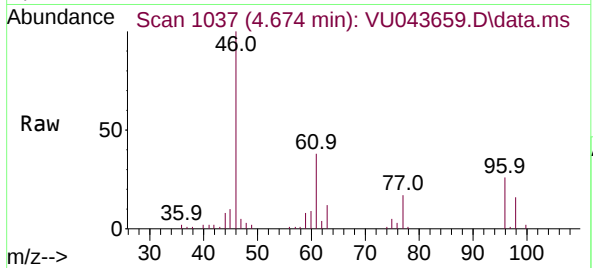




#22
cis-1,2-Dichloroethene
Concen: 1.25 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

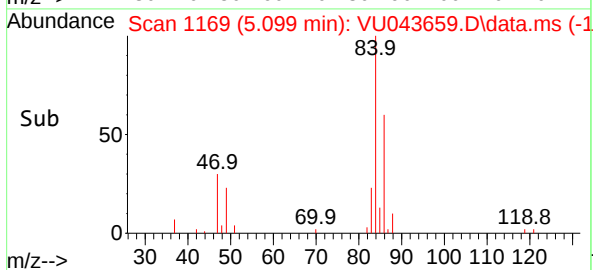
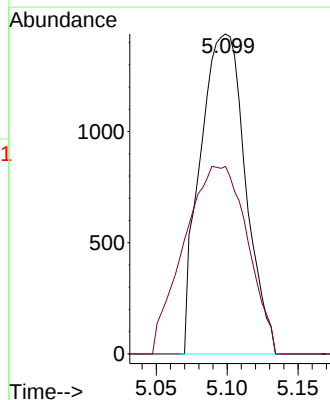
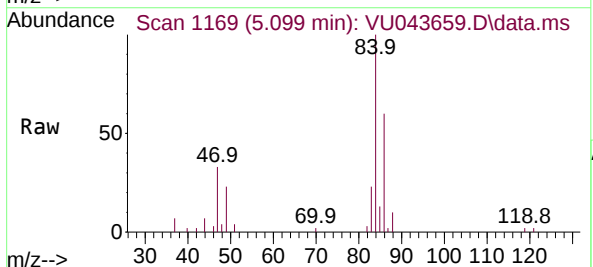
Instrument :
MSVOA_U
ClientSampleId :

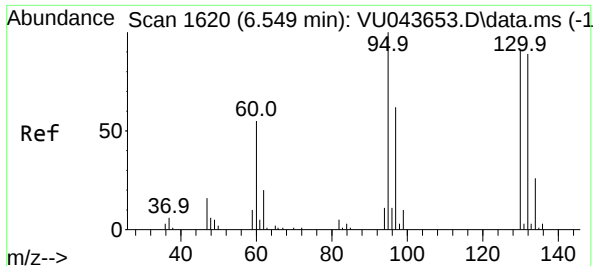
Tgt Ion: 96 Resp: 7775
Ion Ratio Lower Upper
96 100
61 148.8 102.8 190.8
98 62.2 42.8 79.6



#25
Chloroform
Concen: 0.24 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

Tgt Ion: 83 Resp: 3189
Ion Ratio Lower Upper
83 100
85 58.6 45.1 83.9

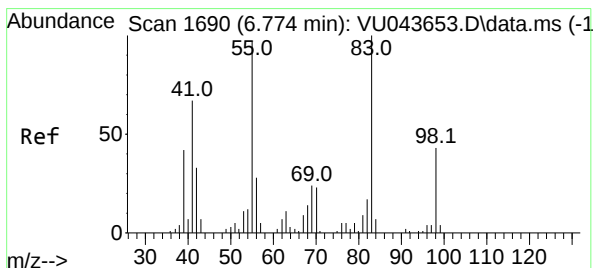
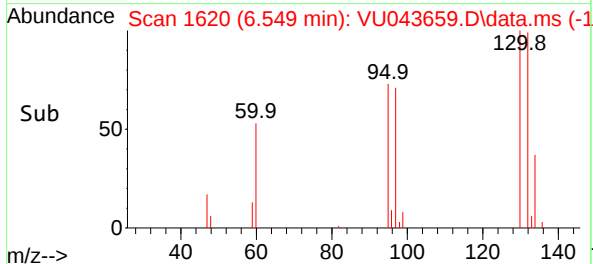
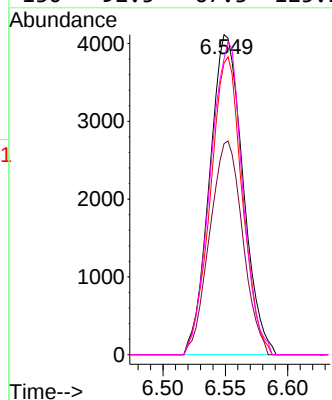
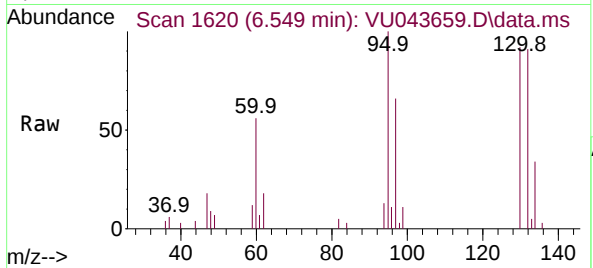




#34
Trichloroethene
Concen: 1.25 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

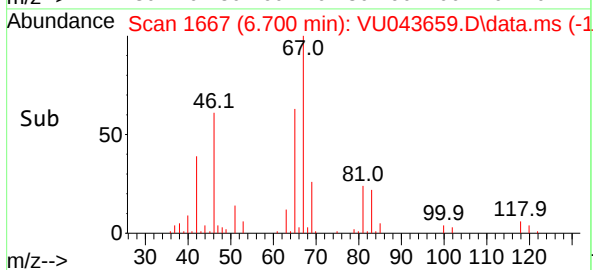
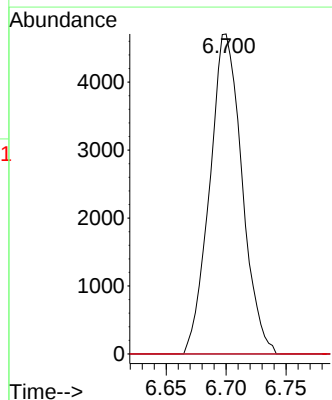
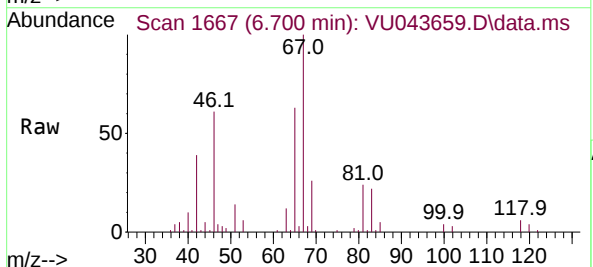
Instrument :
MSVOA_U
ClientSampled :

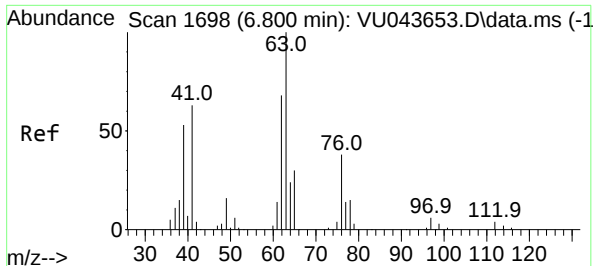
Tgt Ion:	95	Resp:	7655
Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.5	86.5
132	91.1	64.1	119.1
130	92.5	67.3	125.1



#35
Methylcyclohexane
Concen: 1.12 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

Tgt Ion:	83	Resp:	8824
Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	8.5	35.5	53.3#

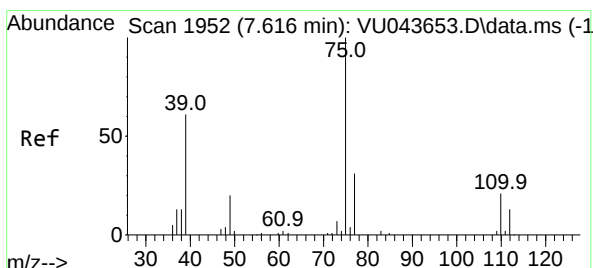
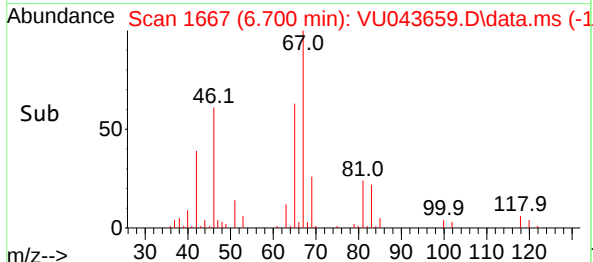
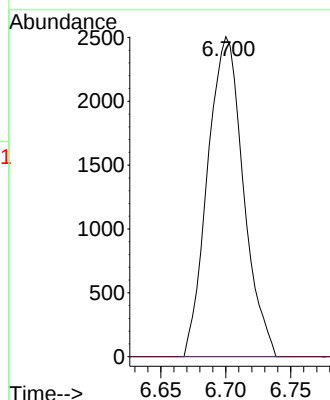
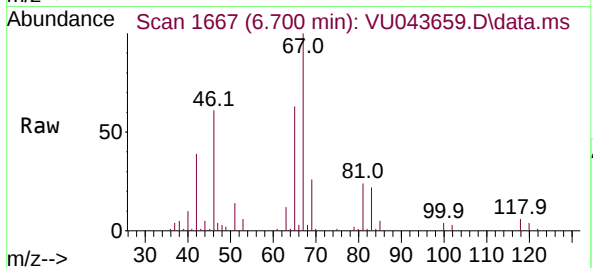




#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

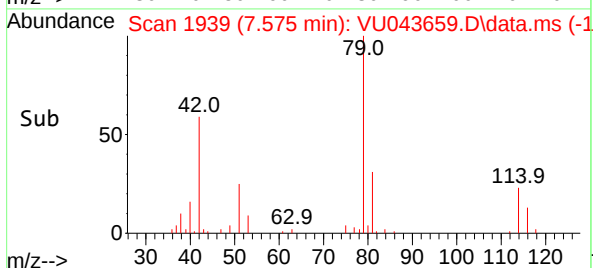
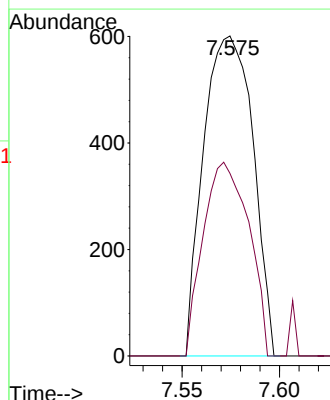
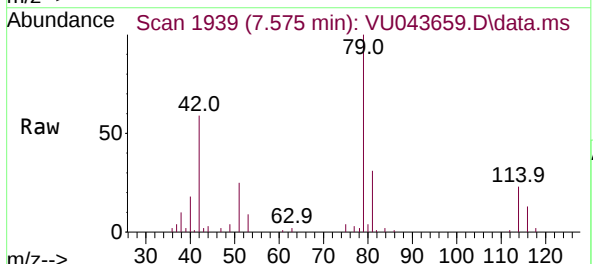
Instrument :
MSVOA_U
ClientSampled :

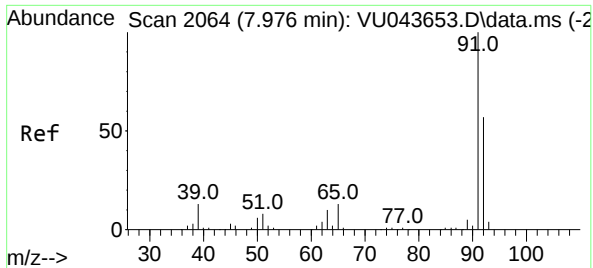
Tgt Ion: 63 Resp: 4797
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

Tgt Ion: 75 Resp: 1060
Ion Ratio Lower Upper
75 100
77 57.1 21.9 40.7#

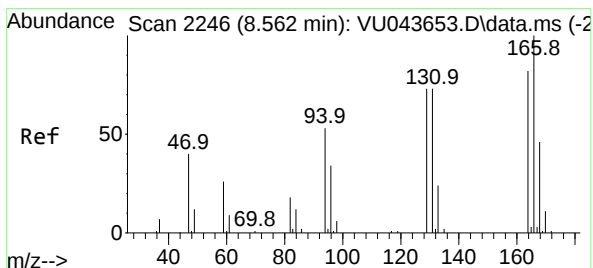
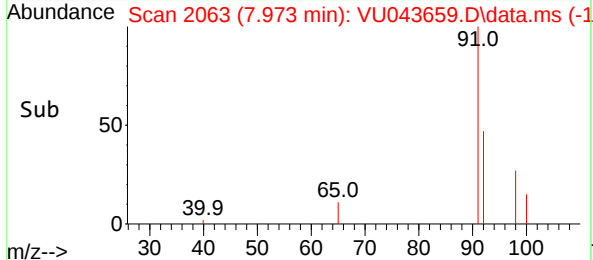
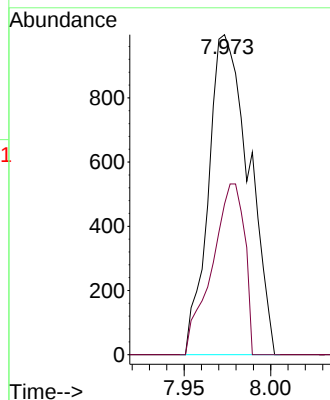
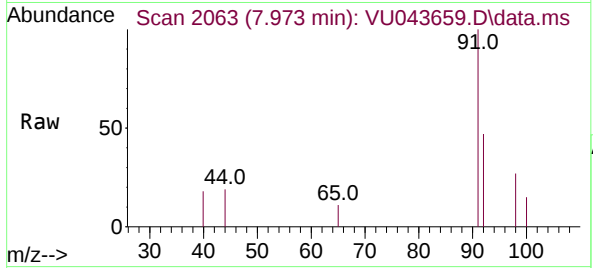




#42
Toluene
Concen: 0.06 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

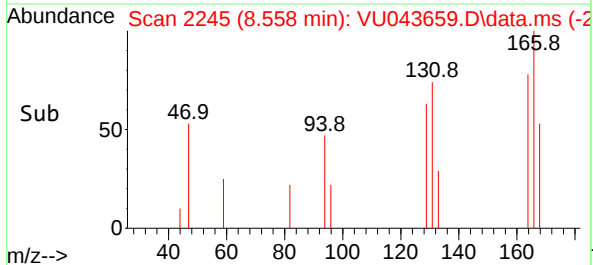
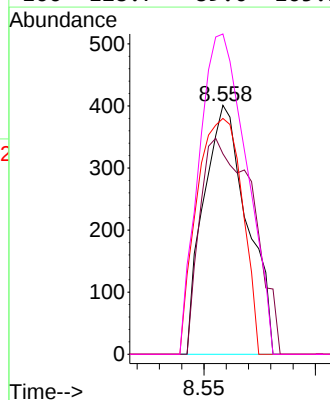
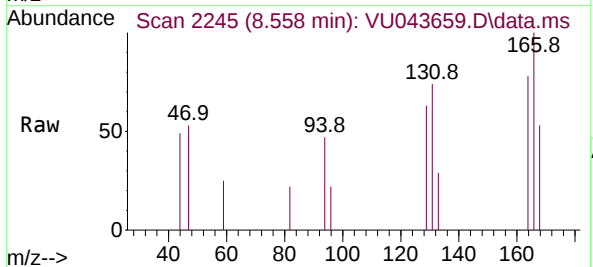
Instrument :
MSVOA_U
ClientSampled :

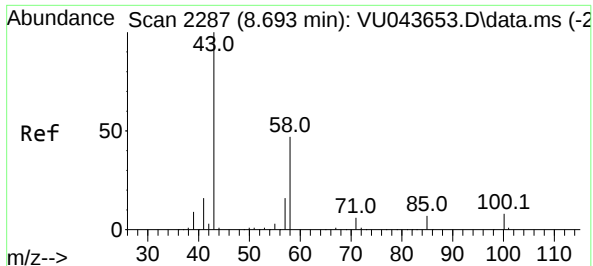
Tgt Ion: 91 Resp: 1617
Ion Ratio Lower Upper
91 100
92 47.0 39.1 72.5



#47
Tetrachloroethene
Concen: 0.12 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043659.D
Acq: 11 May 2021 13:08

Tgt Ion: 164 Resp: 545
Ion Ratio Lower Upper
164 100
129 80.5 62.5 116.1
131 94.8 64.9 120.5
166 128.7 89.0 165.2





#48

2-Hexanone

Concen: 0.95 ug/L

RT: 8.690 min Scan# 2286

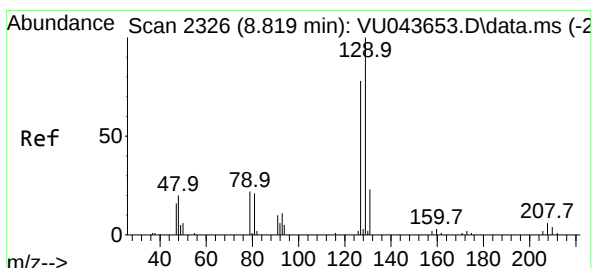
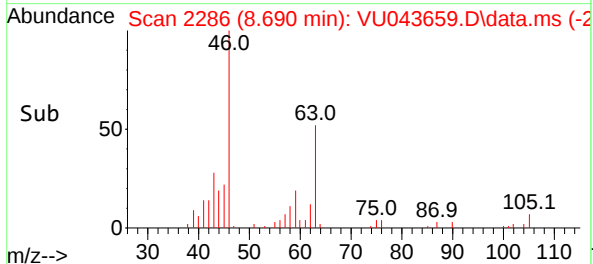
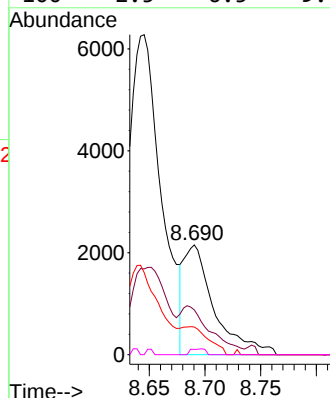
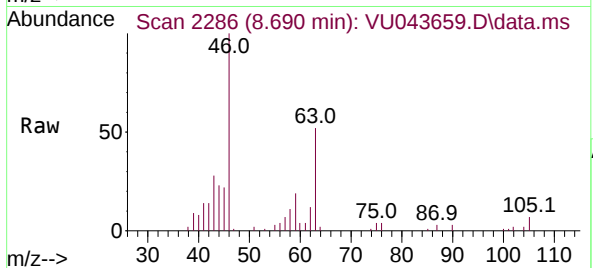
Delta R.T. -0.003 min

Lab File: VU043659.D

Acq: 11 May 2021 13:08

Tgt Ion: 43	Resp: 4107
Ion Ratio	Lower Upper
43 100	
58 44.3	36.8 55.2
57 0.0	13.2 19.8#
100 2.5	6.5 9.7#

Instrument :
MSVOA_U
ClientSampleId :



#49

Dibromochloromethane

Concen: 0.10 ug/L

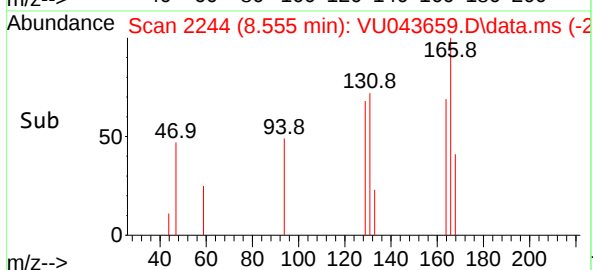
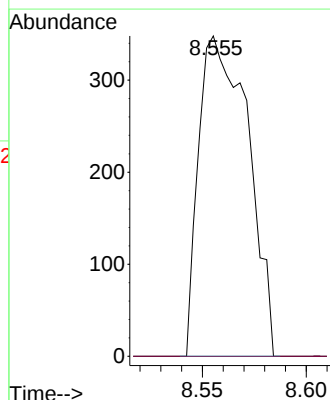
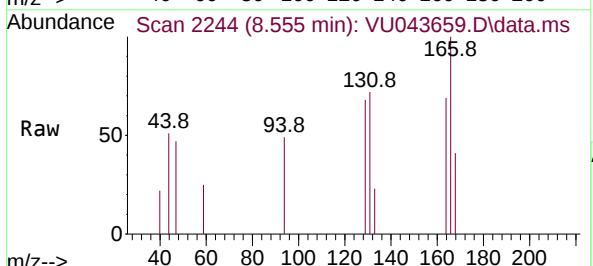
RT: 8.555 min Scan# 2244

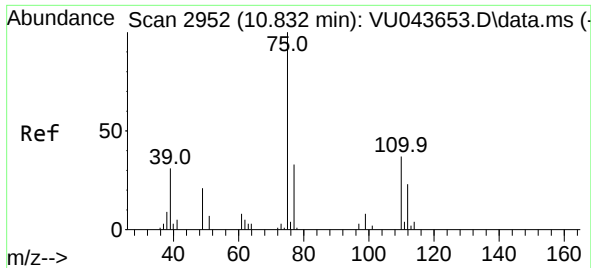
Delta R.T. -0.264 min

Lab File: VU043659.D

Acq: 11 May 2021 13:08

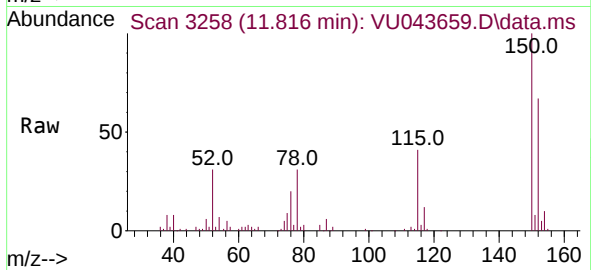
Tgt Ion:129	Resp:	574	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.31 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043659.D
 Acq: 11 May 2021 13:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5233
 Ion Ratio Lower Upper
 75 100
 110 0.8 28.6 42.8#
 77 34.8 25.7 38.5

