

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045862.D
 Acq On : 18 Nov 2021 12:43
 Operator : SY/MD
 Sample : M4686-17DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

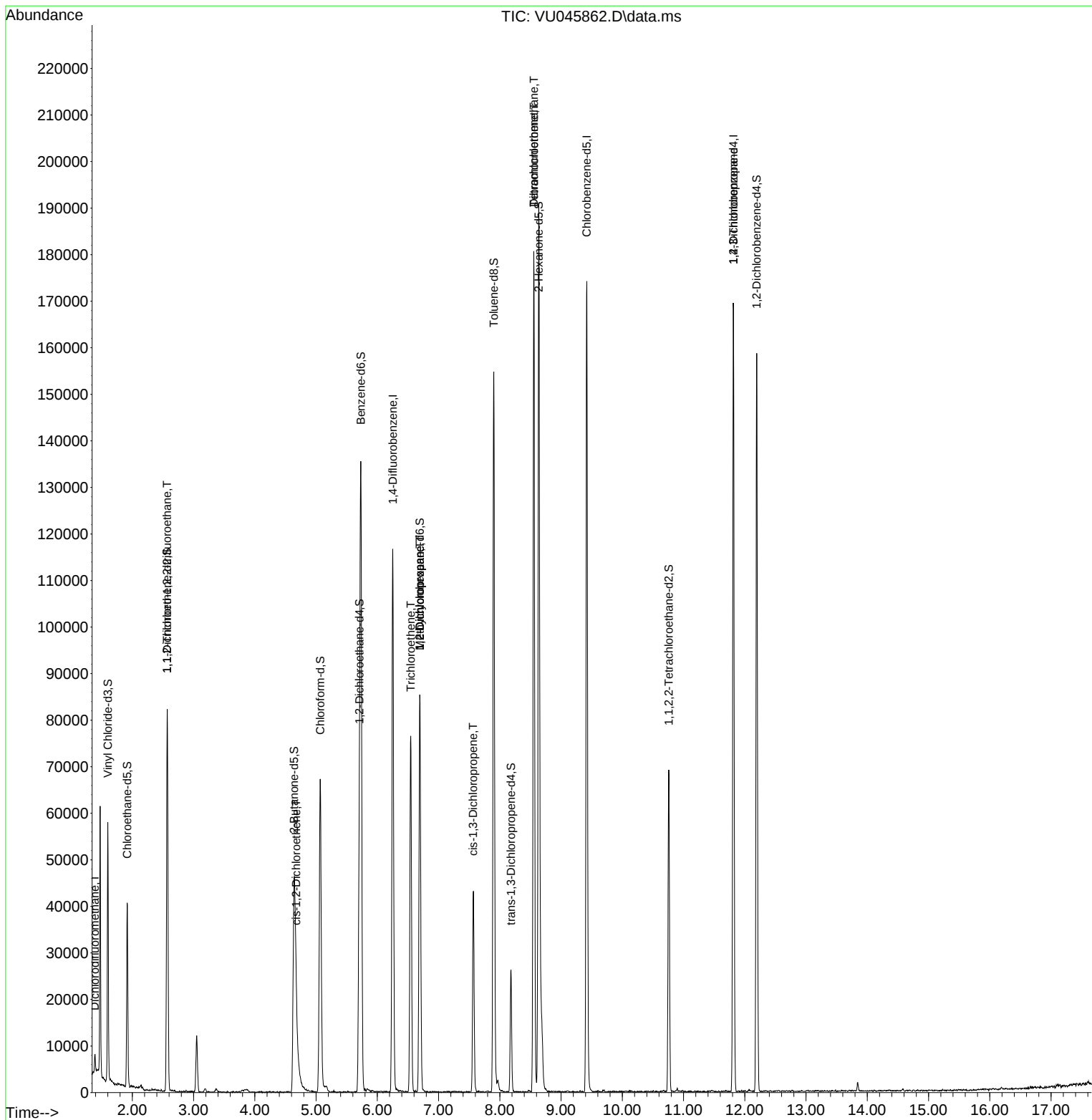
Quant Time: Nov 19 00:52:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

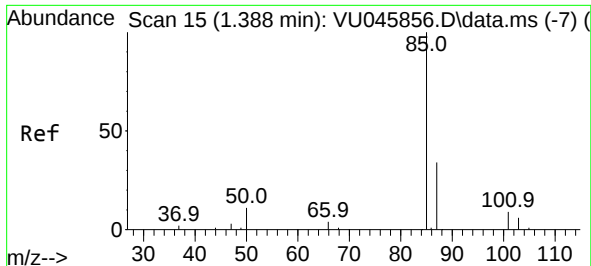
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38272	5.170	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.400%
7) Chloroethane-d5	1.916	69	28482	5.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.568	65	16020	5.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.642	46	99301	50.057	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	5.070	84	61646	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.706	65	35864	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.732	84	126445	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.693	67	40806	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.902	98	107505	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.182	79	15095	4.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.635	63	66389	43.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34528	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	39853	5.180	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1052	0.138	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	357	0.058	ug/L #	21
22) cis-1,2-Dichloroethene	4.674	96	1381	0.205	ug/L	72
34) Trichloroethene	6.546	95	25907	3.701	ug/L	98
35) Methylcyclohexane	6.693	83	9531	0.887	ug/L #	23
37) 1,2-Dichloropropane	6.693	63	4418	0.618	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	979	0.096	ug/L #	56
47) Tetrachloroethene	8.555	164	39778	8.117	ug/L	96
49) Dibromochloromethane	8.555	129	38110	6.305	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	5946	1.278	ug/L #	65

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

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Response via : Initial Calibration

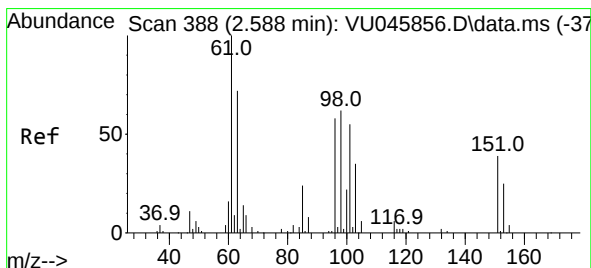
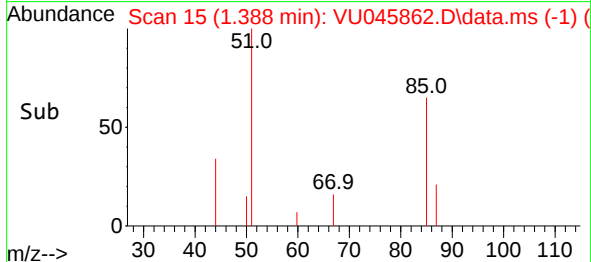
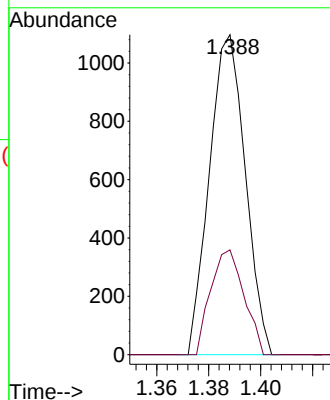
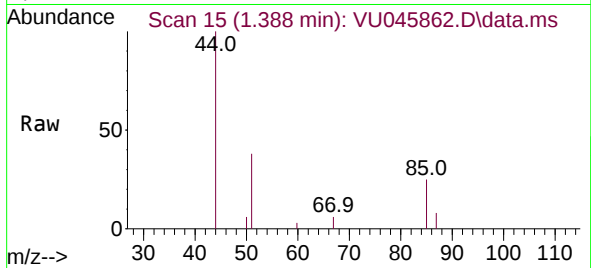




#2
 Dichlorodifluoromethane
 Concen: 0.138 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU045862.D
 Acq: 18 Nov 2021 12:43

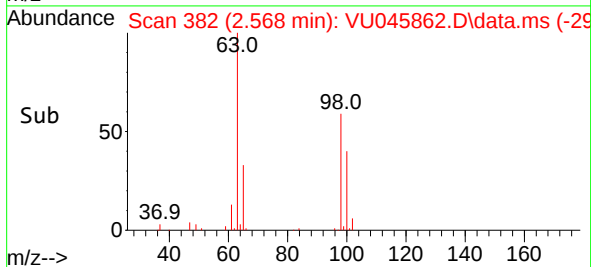
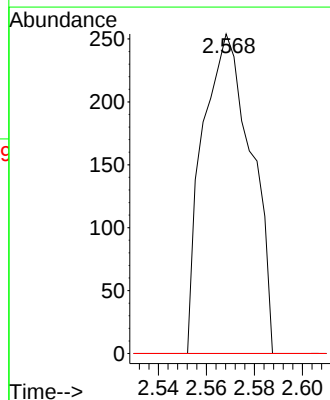
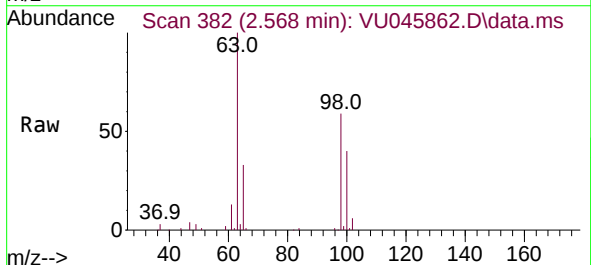
Instrument :
 MSVOA_U
 ClientSampleId :

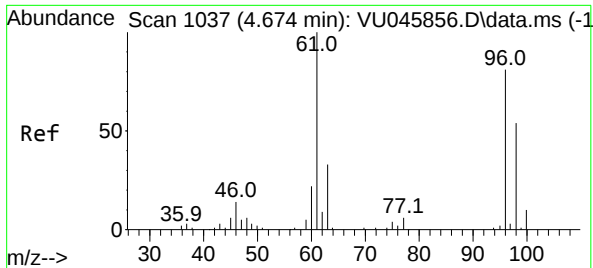
Tgt Ion: 85 Resp: 1052
 Ion Ratio Lower Upper
 85 100
 87 30.4 25.8 38.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.058 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU045862.D
 Acq: 18 Nov 2021 12:43

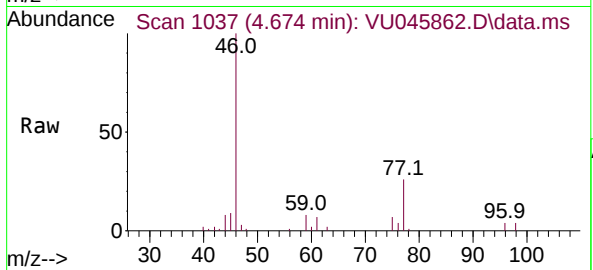
Tgt Ion:101 Resp: 357
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



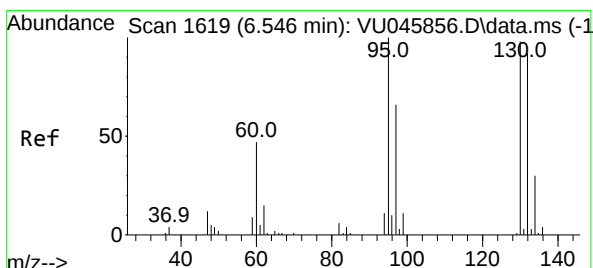
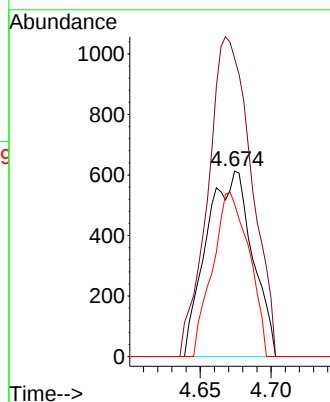
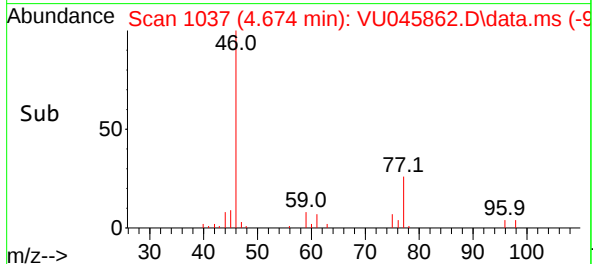


#22
 cis-1,2-Dichloroethene
 Concen: 0.205 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU045862.D
 Acq: 18 Nov 2021 12:43

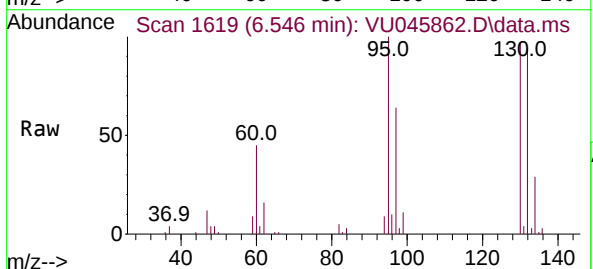
Instrument :
 MSVOA_U
 ClientSampleId :



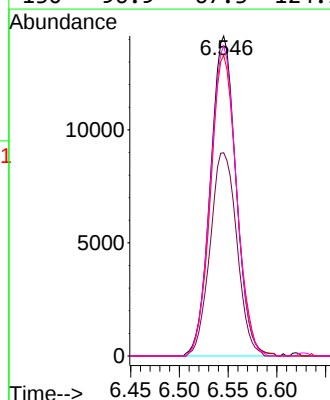
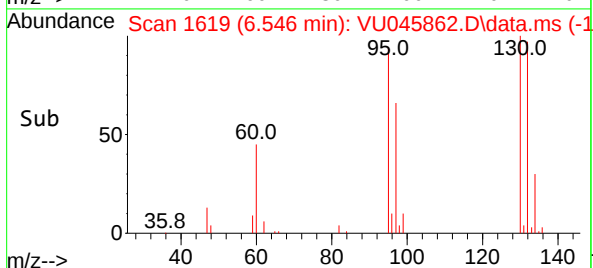
Tgt Ion: 96	Resp: 1381
Ion Ratio	Lower Upper
96 100	
61 160.7	88.5 164.3
98 82.2	44.4 82.5

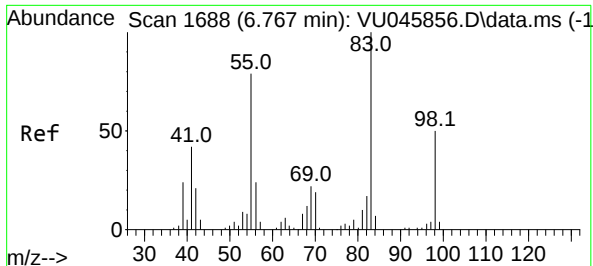


#34
 Trichloroethene
 Concen: 3.701 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: VU045862.D
 Acq: 18 Nov 2021 12:43



Tgt Ion: 95	Resp: 25907
Ion Ratio	Lower Upper
95 100	
97 63.5	46.5 86.5
132 93.9	65.1 120.9
130 96.9	67.3 124.9

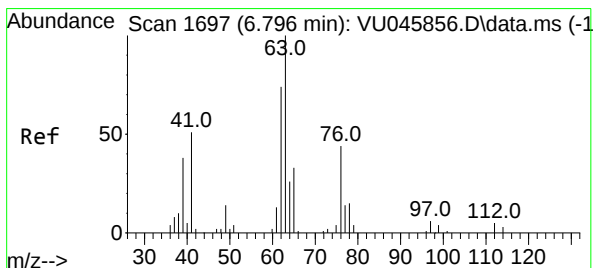
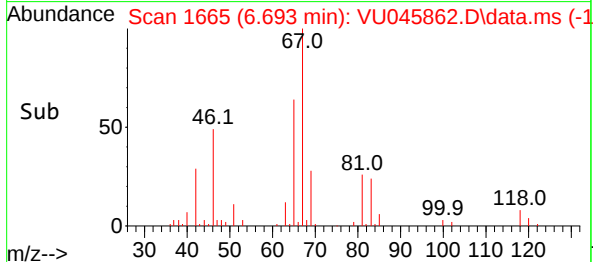
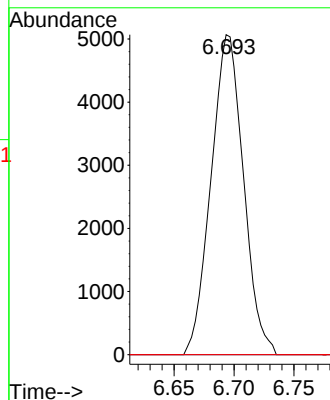
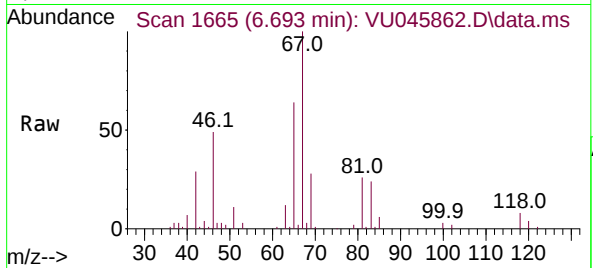




#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045862.D
Acq: 18 Nov 2021 12:43

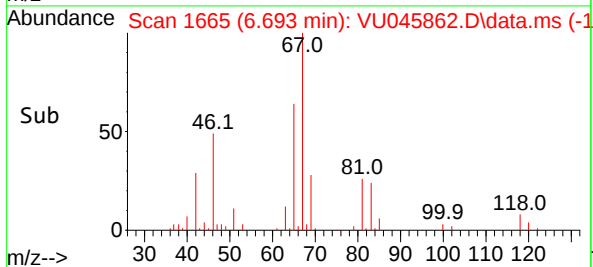
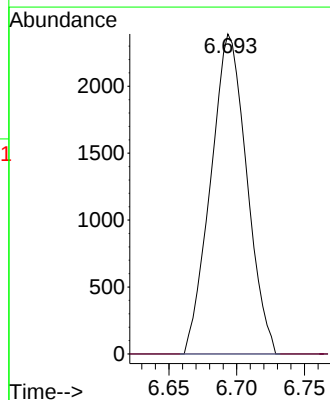
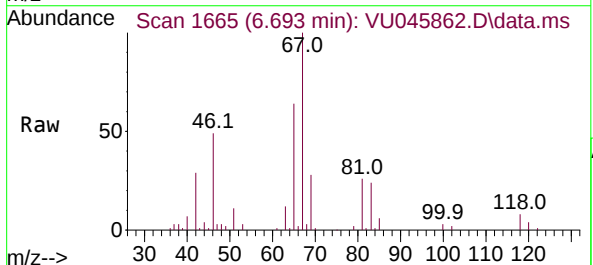
Instrument :
MSVOA_U
ClientSampleId :

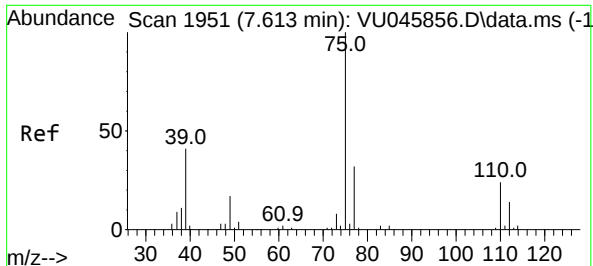
Tgt Ion: 83 Resp: 9531
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 10.5 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045862.D
Acq: 18 Nov 2021 12:43

Tgt Ion: 63 Resp: 4418
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.565 min Scan# 1951

Delta R.T. -0.048 min

Lab File: VU045862.D

Acq: 18 Nov 2021 12:43

Instrument :

MSVOA_U

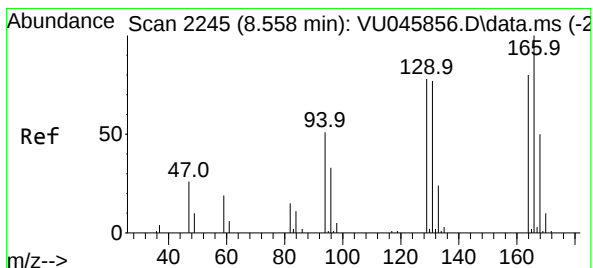
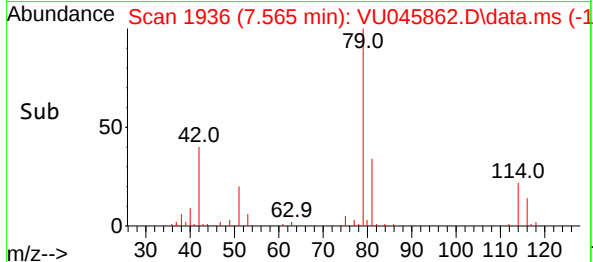
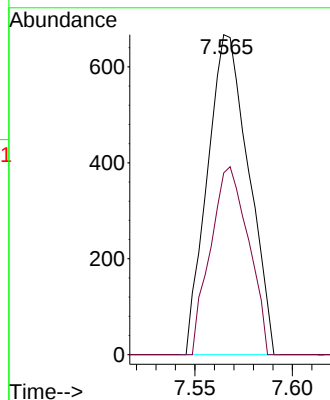
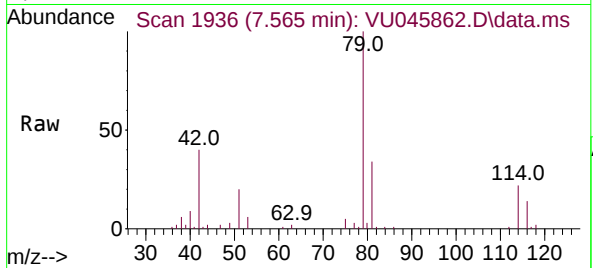
ClientSampleId :

Tgt Ion: 75 Resp: 979

Ion Ratio Lower Upper

75 100

77 56.8 22.5 41.9#



#47

Tetrachloroethene

Concen: 8.117 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU045862.D

Acq: 18 Nov 2021 12:43

Tgt Ion:164 Resp: 39778

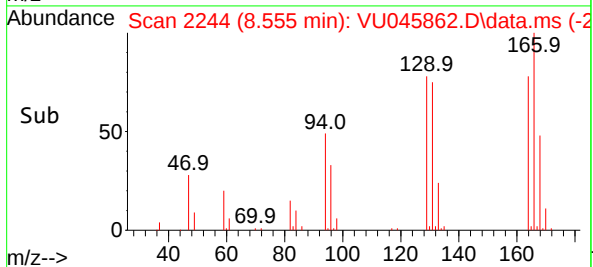
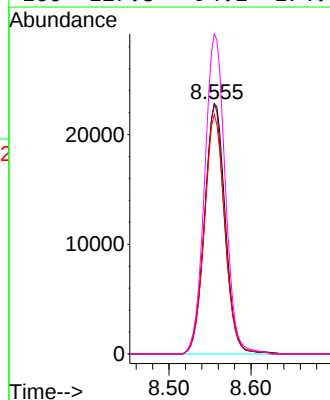
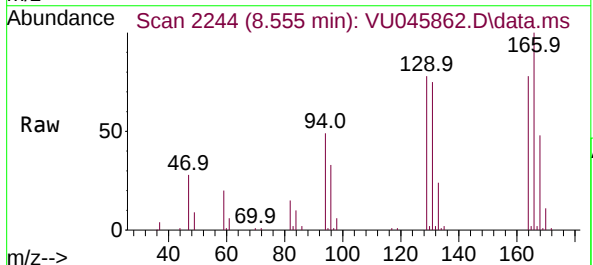
Ion Ratio Lower Upper

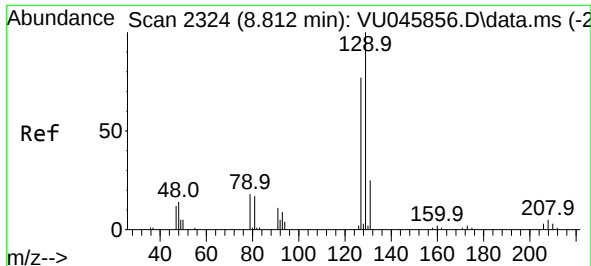
164 100

129 99.6 71.8 133.4

131 95.6 68.5 127.3

166 127.8 94.1 174.8

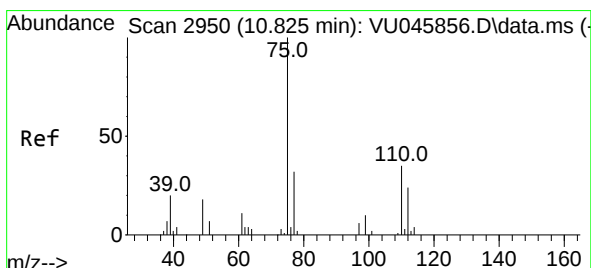
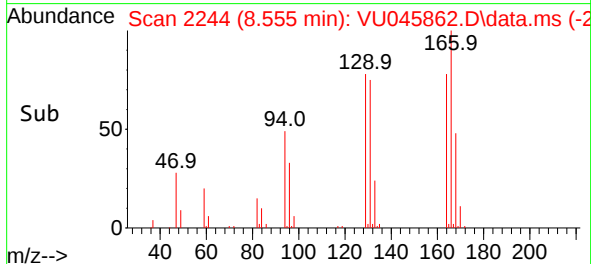
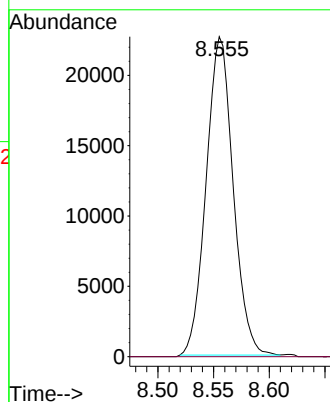
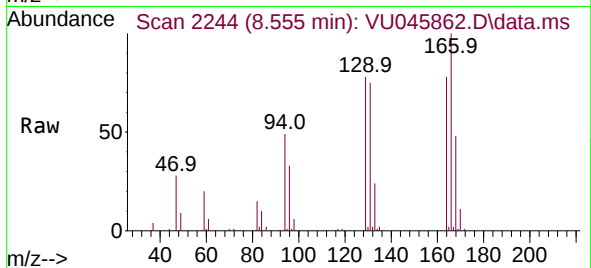




#49
Dibromochloromethane
Concen: 6.305 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU045862.D
Acq: 18 Nov 2021 12:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 38110
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.278 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045862.D
Acq: 18 Nov 2021 12:43

Tgt Ion: 75 Resp: 5946
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 34.0 25.5 38.3

