

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046862.D
 Acq On : 27 Jan 2022 11:32
 Operator : SY/MD
 Sample : N1260-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

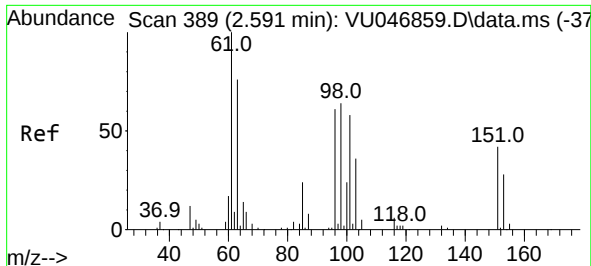
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXX9DL

Quant Time: Jan 28 00:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	106924	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	103861	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40698	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38014	4.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.916	69	33994	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.568	65	15751	4.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.626	46	44019	16.400	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	32.800%#
24) Chloroform-d	5.063	84	75409	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.700	65	28797	3.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
32) Benzene-d6	5.729	84	150328	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.690	67	42209	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.899	98	119234	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.179	79	11447	2.844	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.800%
46) 2-Hexanone-d5	8.632	63	35035	14.701	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	29.400%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	21693	2.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	47.200%#
66) 1,2-Dichlorobenzene-d4	12.195	152	31195	4.087	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	570	0.091	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	2732	0.458	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	2715	0.250	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	5009	0.734	ug/L	94
27) 1,2-Dichloroethane	5.729	62	692	0.091	ug/L #	73
29) 1,1,1-Trichloroethane	5.314	97	1021	0.109	ug/L #	90
34) Trichloroethene	6.543	95	5873	0.925	ug/L	97
35) Methylcyclohexane	6.690	83	10231	0.962	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4703	0.784	ug/L #	88
47) Tetrachloroethene	8.552	164	1972	0.382	ug/L	90
49) Dibromochloromethane	8.552	129	2011	0.334	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4836	1.402	ug/L #	64

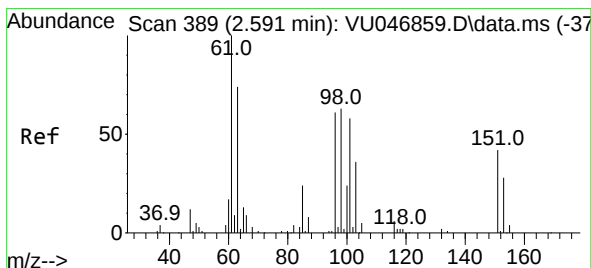
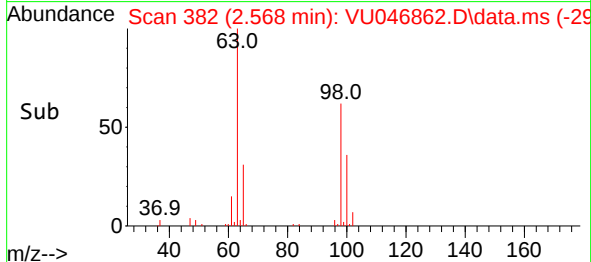
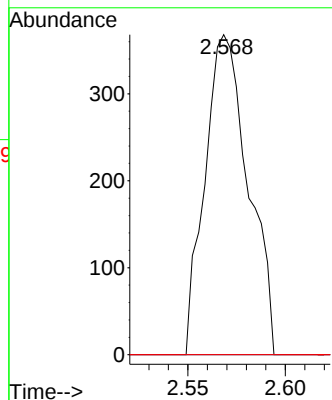
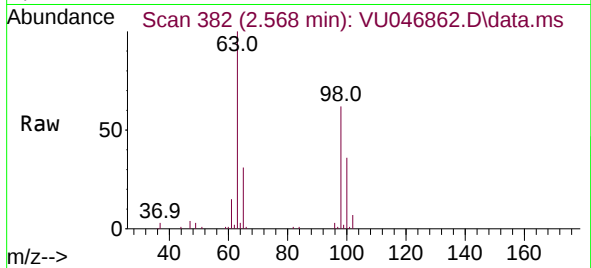
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.023 min
Lab File: VU046862.D
Acq: 27 Jan 2022 11:32

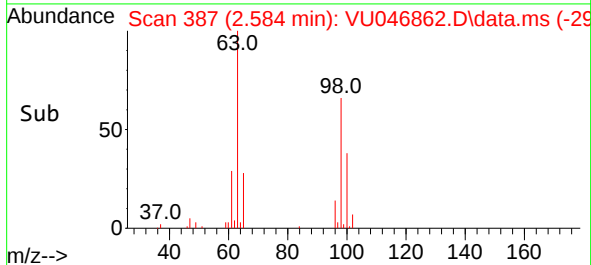
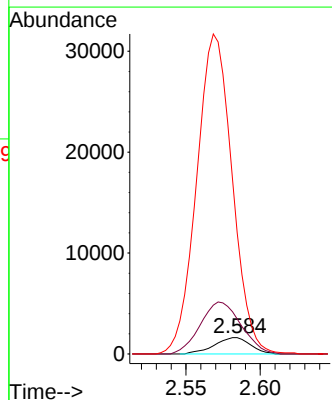
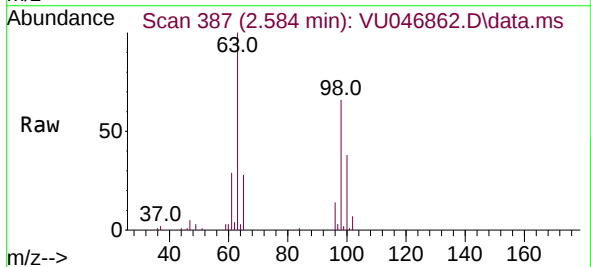
Instrument :
MSVOA_U
ClientSampleId :
BFX9DL

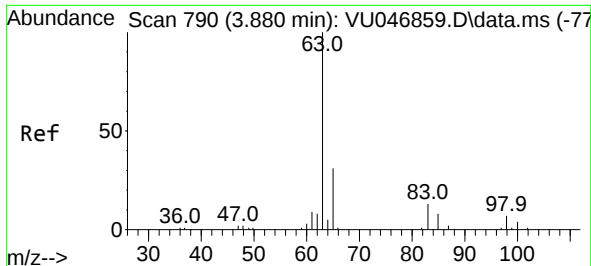
Tgt Ion:101 Resp: 570
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.458 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.006 min
Lab File: VU046862.D
Acq: 27 Jan 2022 11:32

Tgt Ion: 96 Resp: 2732
Ion Ratio Lower Upper
96 100
61 213.9 124.7 231.5
63 740.7 105.2 195.4#

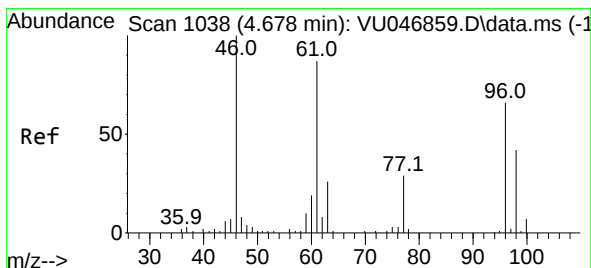
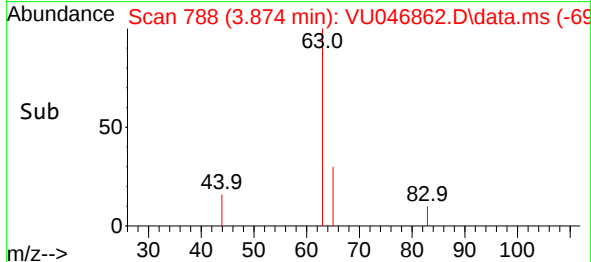
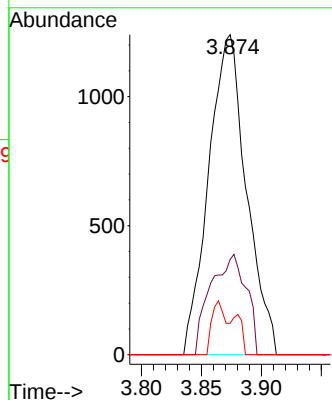
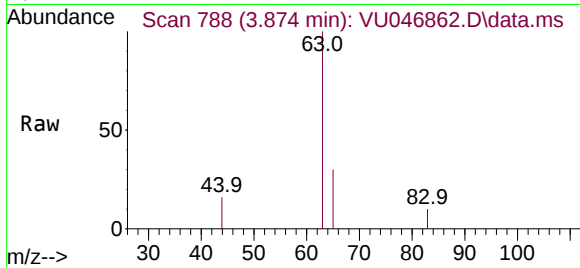




#19
1,1-Dichloroethane
Concen: 0.250 ug/L
RT: 3.874 min Scan# 71
Delta R.T. -0.006 min
Lab File: VU046862.D
Acq: 27 Jan 2022 11:32

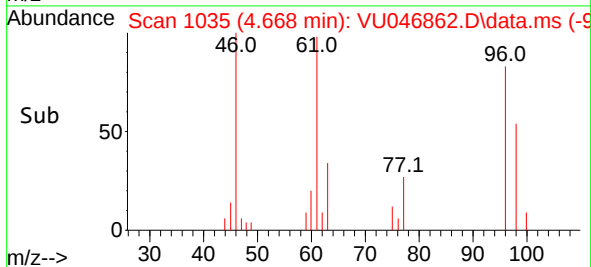
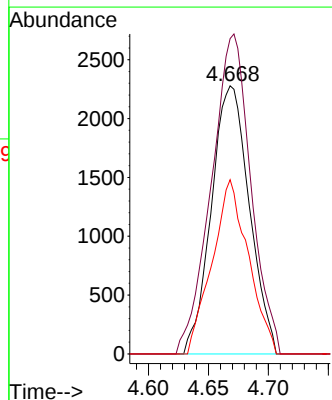
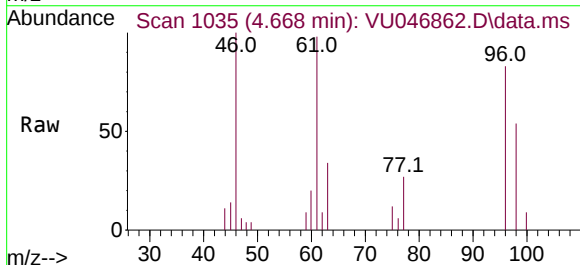
Instrument :
MSVOA_U
ClientSampleId :
BFX9DL

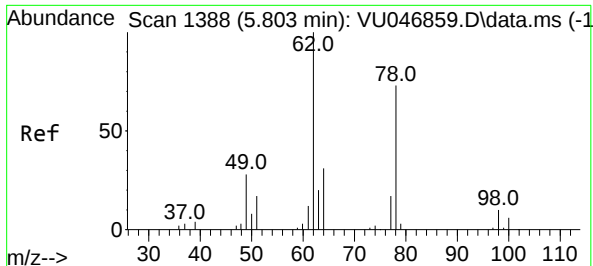
Tgt Ion: 63 Resp: 2715
Ion Ratio Lower Upper
63 100
65 29.8 22.3 41.5
83 9.8 9.6 17.8



#22
cis-1,2-Dichloroethene
Concen: 0.734 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.010 min
Lab File: VU046862.D
Acq: 27 Jan 2022 11:32

Tgt Ion: 96 Resp: 5009
Ion Ratio Lower Upper
96 100
61 117.6 88.5 164.3
98 65.0 44.4 82.5

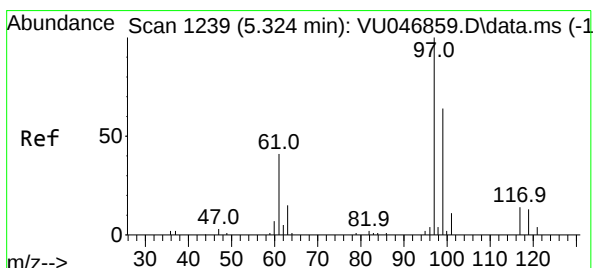
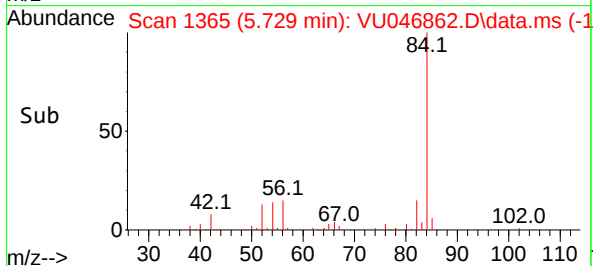
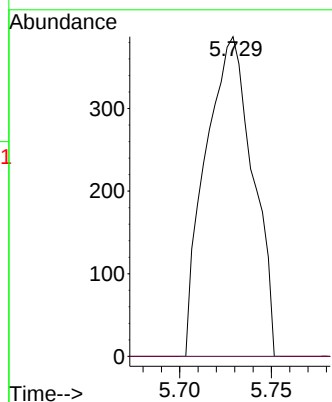
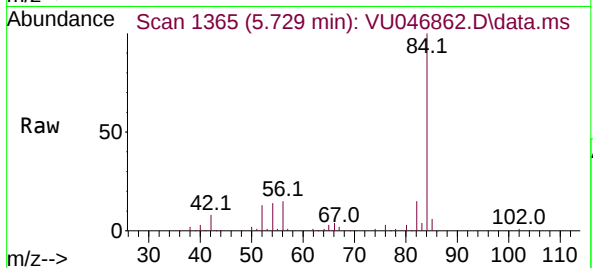




#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.074 min
Lab File: VU046862.D
Acq: 27 Jan 2022 11:32

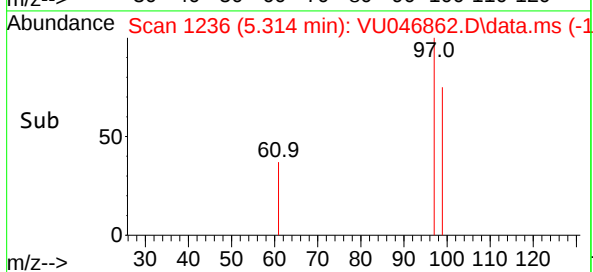
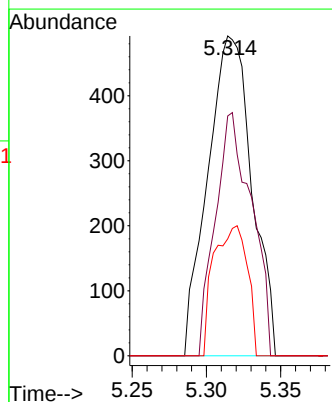
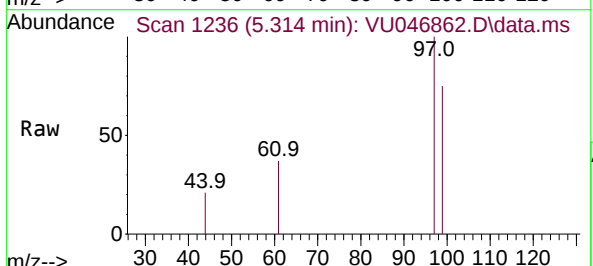
Instrument :
MSVOA_U
ClientSampleId :
BFX9DL

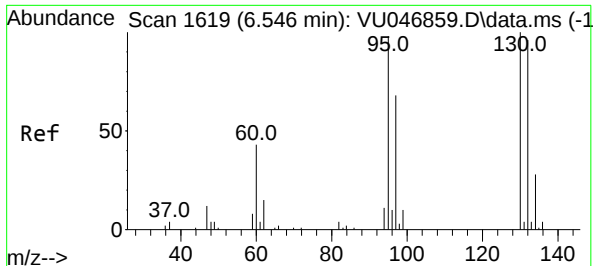
Tgt Ion: 62 Resp: 692
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#29
1,1,1-Trichloroethane
Concen: 0.109 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.010 min
Lab File: VU046862.D
Acq: 27 Jan 2022 11:32

Tgt Ion: 97 Resp: 1021
Ion Ratio Lower Upper
97 100
99 62.3 51.3 76.9
61 30.7 36.1 54.1#



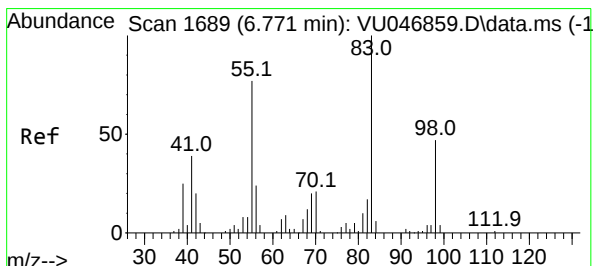
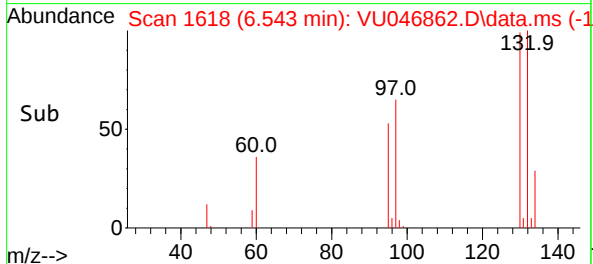
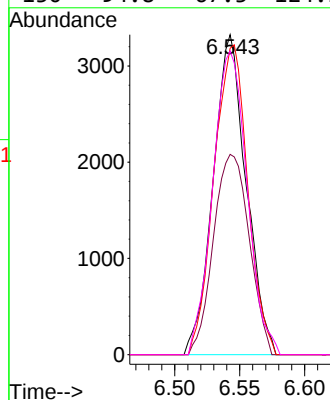
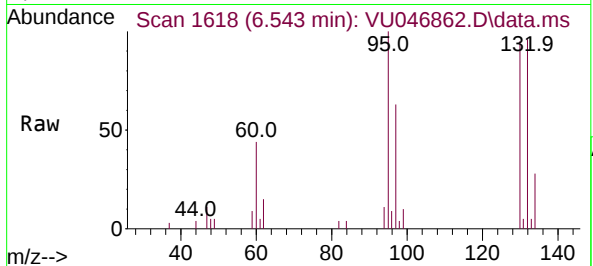


#34
Trichloroethene
Concen: 0.925 ug/L
RT: 6.543 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046862.D
Acq: 27 Jan 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :
BFX9DL

Tgt Ion: 95 Resp: 5873

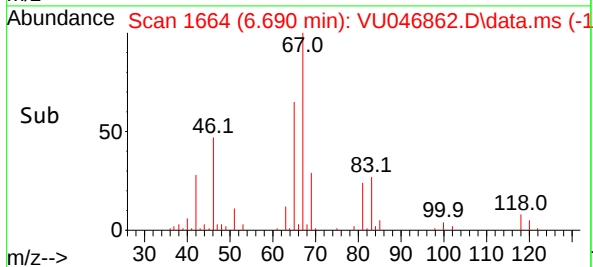
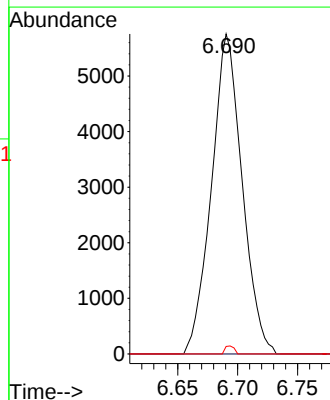
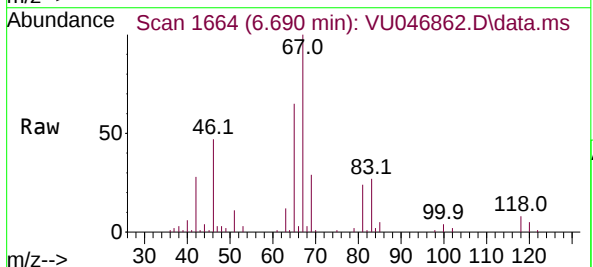
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.5	86.5
132	95.7	65.1	120.9
130	94.8	67.3	124.9

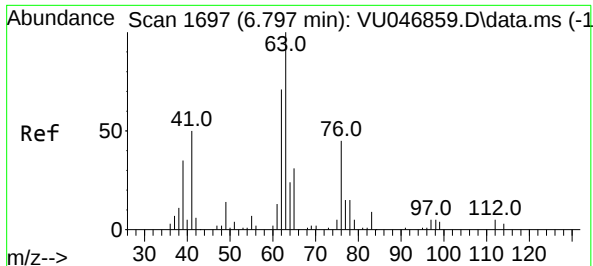


#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.080 min
Lab File: VU046862.D
Acq: 27 Jan 2022 11:32

Tgt Ion: 83 Resp: 10231

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.7	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.784 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU046862.D

Acq: 27 Jan 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

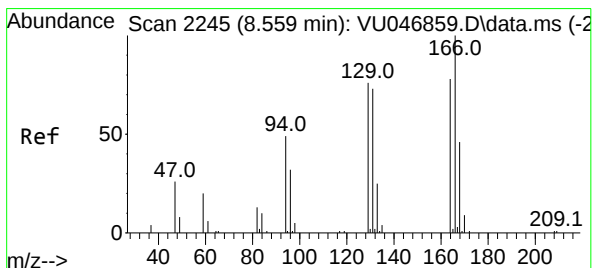
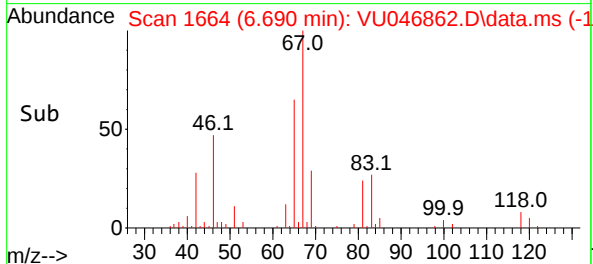
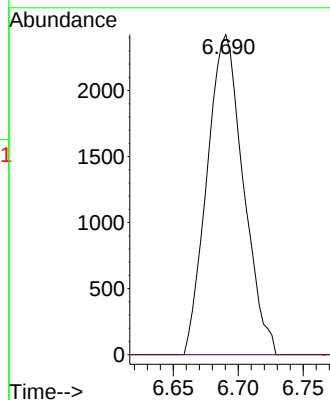
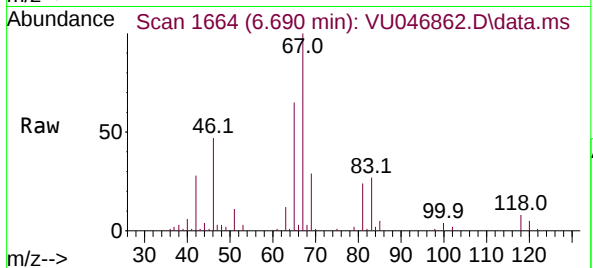
BFX9DL

Tgt Ion: 63 Resp: 4703

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.382 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.006 min

Lab File: VU046862.D

Acq: 27 Jan 2022 11:32

Tgt Ion: 164 Resp: 1972

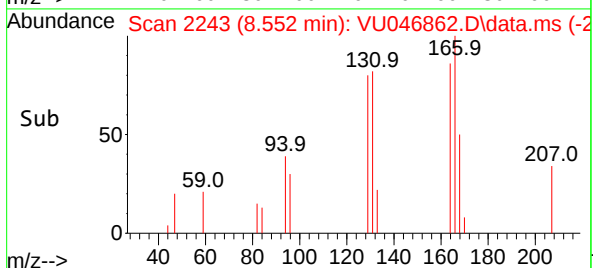
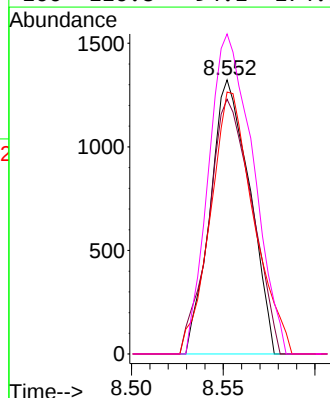
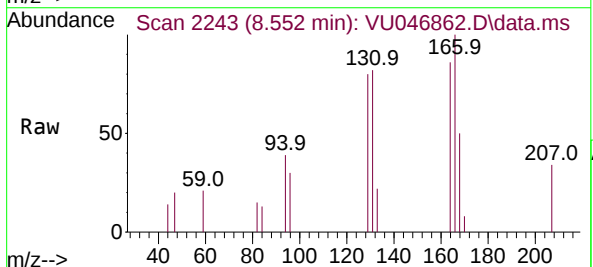
Ion Ratio Lower Upper

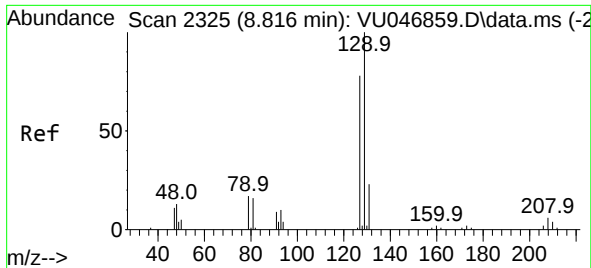
164 100

129 93.0 71.8 133.4

131 95.6 68.5 127.3

166 116.8 94.1 174.8





#49

Dibromochloromethane

Concen: 0.334 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.264 min

Lab File: VU046862.D

Acq: 27 Jan 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

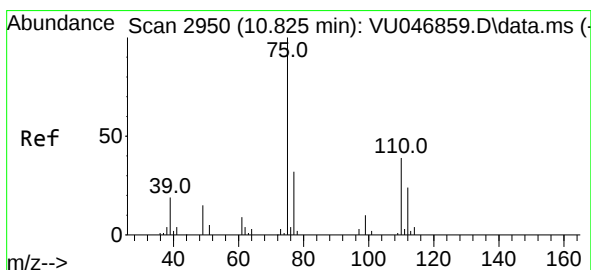
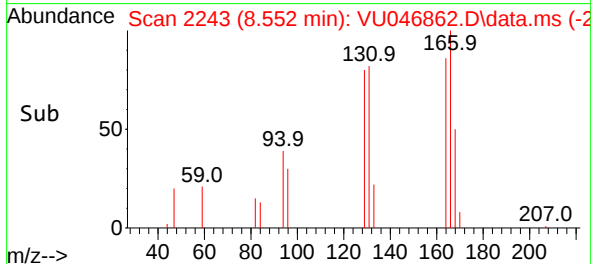
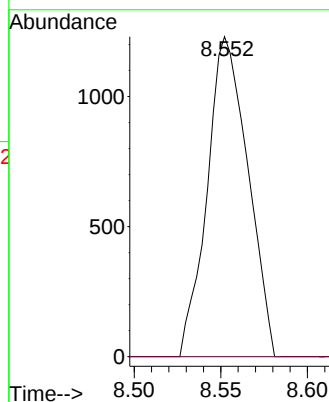
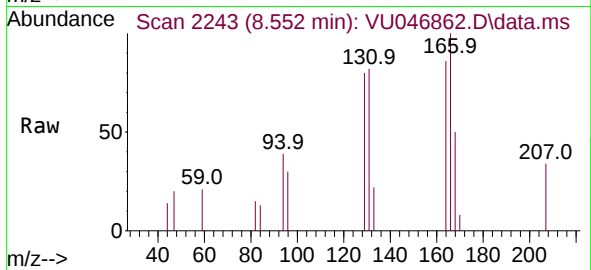
BFX9DL

Tgt Ion:129 Resp: 2011

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.402 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046862.D

Acq: 27 Jan 2022 11:32

Tgt Ion: 75 Resp: 4836

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 29.3 25.5 38.3

