

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061924.D
 Acq On : 21 Nov 2024 17:51
 Operator : MD/SY
 Sample : P4903-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:10:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

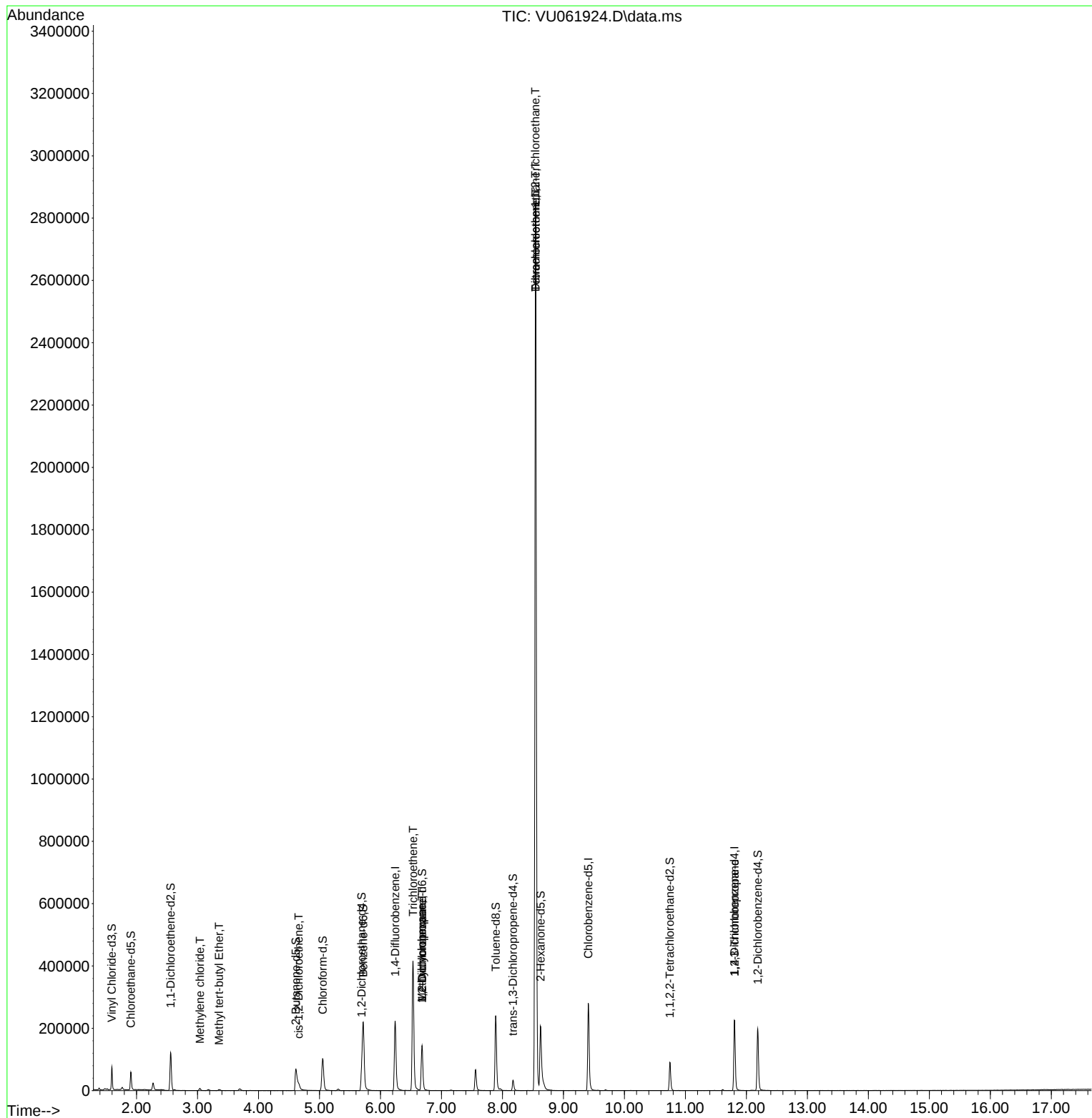
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	189818	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	154670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	64563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49154	5.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.907	69	43501	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.560	65	22255	5.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.600%
20) 2-Butanone-d5	4.611	46	105957	36.239	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.480%
24) Chloroform-d	5.052	84	97549	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.692	65	52807	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.717	84	215847	7.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	143.200%#
36) 1,2-Dichloropropane-d6	6.682	67	71234	6.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	139.200%
41) Toluene-d8	7.891	98	165887	6.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.000%#
43) trans-1,3-Dichloroprop...	8.174	79	20023	5.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.600%
46) 2-Hexanone-d5	8.624	63	71612	41.388	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46462	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	55919	5.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	3209	0.210	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	3697	0.113	ug/L #	86
22) cis-1,2-Dichloroethene	4.660	96	7094	0.468	ug/L	96
34) Trichloroethene	6.534	95	151147	12.124	ug/L	100
35) Methylcyclohexane	6.679	83	16093	0.844	ug/L #	30
37) 1,2-Dichloropropane	6.685	63	7582	0.625	ug/L #	87
45) 1,1,2-Trichloroethane	8.540	97	5767	0.645	ug/L #	3
47) Tetrachloroethene	8.544	164	592623	65.361	ug/L	98
49) Dibromochloromethane	8.544	129	612053	64.807	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	8104	1.086	ug/L #	68

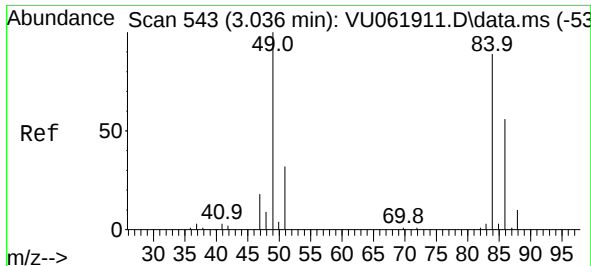
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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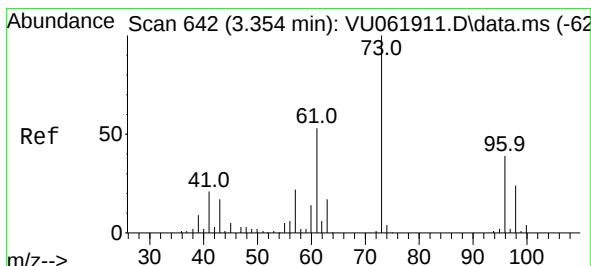
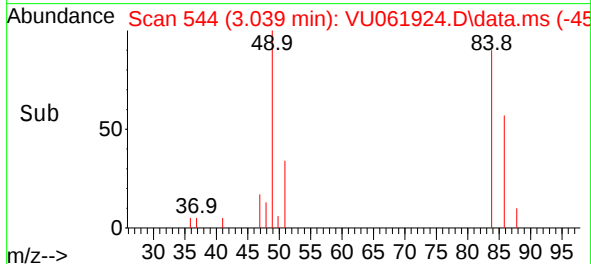
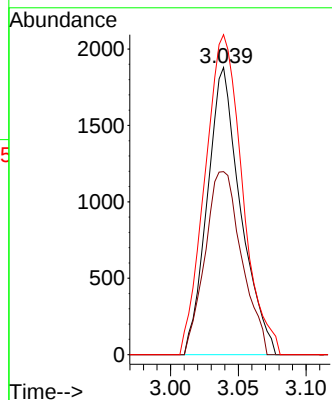
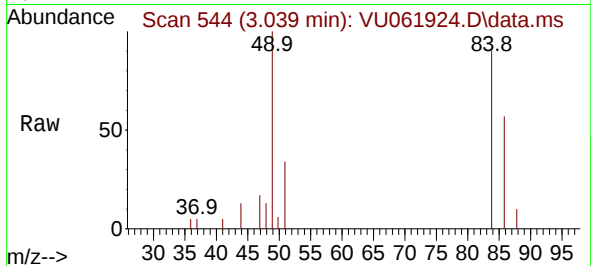




#16
Methylene chloride
Concen: 0.210 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU061924.D
Acq: 21 Nov 2024 17:51

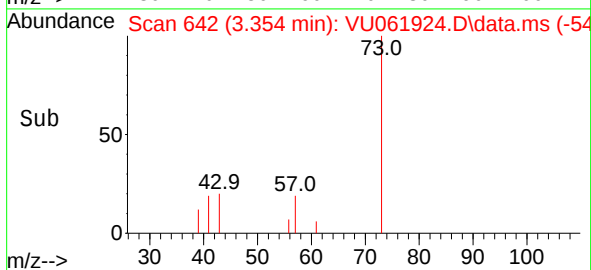
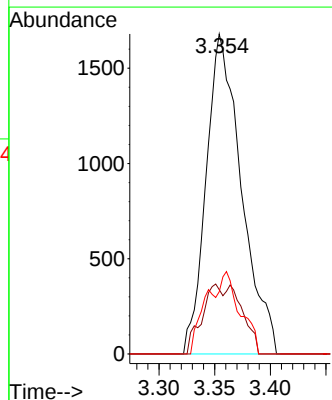
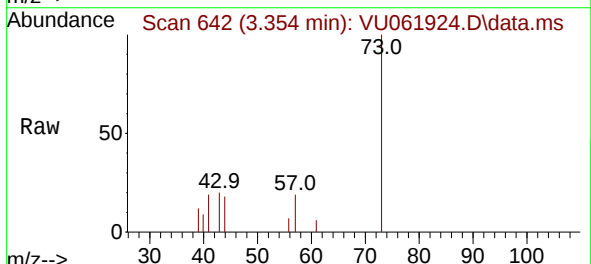
Instrument :
MSVOA_U
ClientSampleId :

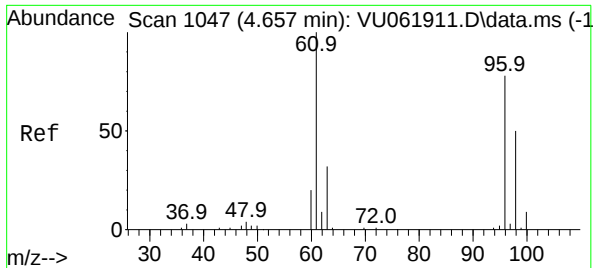
Tgt Ion: 84 Resp: 3209
Ion Ratio Lower Upper
84 100
86 63.8 43.5 80.7
49 118.6 81.9 152.1



#17
Methyl tert-butyl Ether
Concen: 0.113 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061924.D
Acq: 21 Nov 2024 17:51

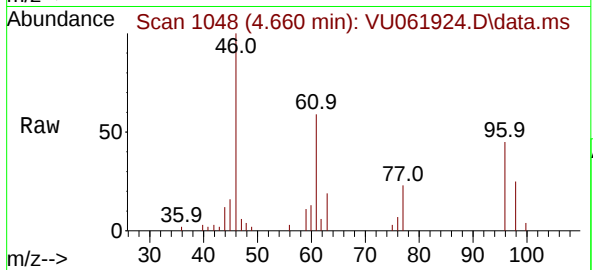
Tgt Ion: 73 Resp: 3697
Ion Ratio Lower Upper
73 100
43 13.0 16.3 24.5#
57 15.3 17.1 25.7#



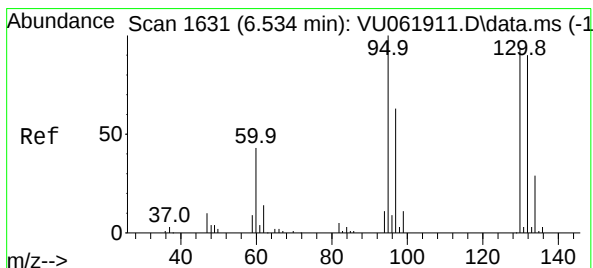
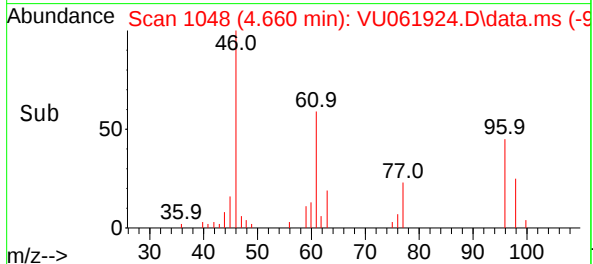
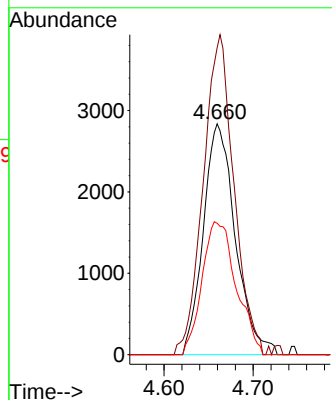


#22
cis-1,2-Dichloroethene
Concen: 0.468 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU061924.D
Acq: 21 Nov 2024 17:51

Instrument :
MSVOA_U
ClientSampleId :

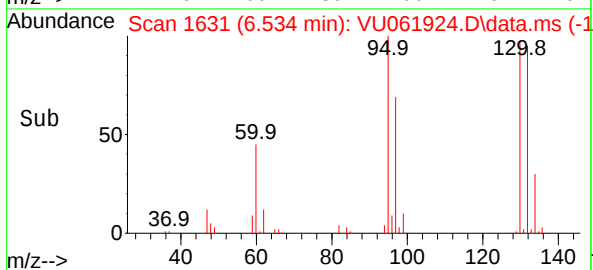
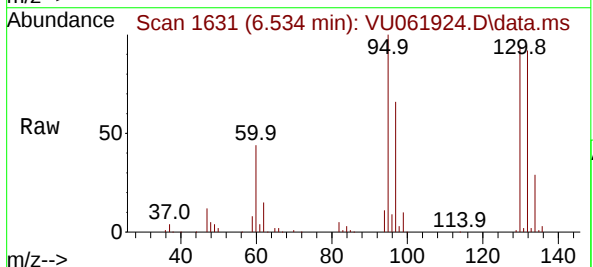
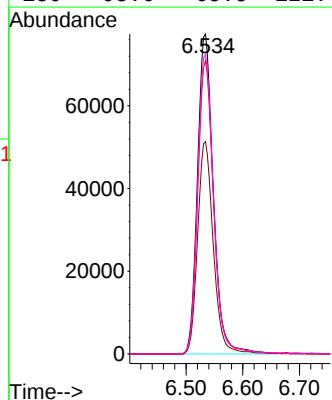


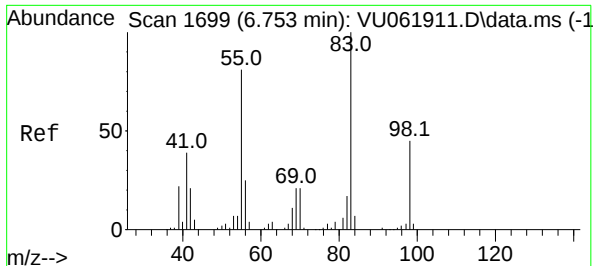
Tgt Ion: 96 Resp: 7094
Ion Ratio Lower Upper
96 100
61 133.0 92.0 170.8
98 56.9 44.5 82.7



#34
Trichloroethene
Concen: 12.124 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061924.D
Acq: 21 Nov 2024 17:51

Tgt Ion: 95 Resp: 151147
Ion Ratio Lower Upper
95 100
97 66.4 45.9 85.3
132 91.6 63.8 118.4
130 93.6 65.5 121.7

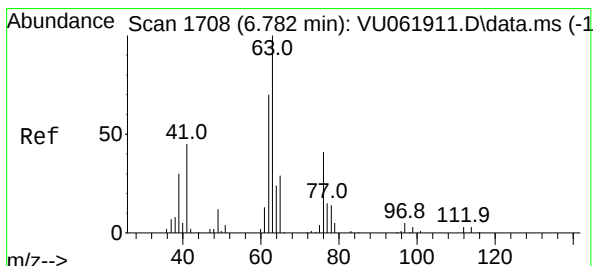
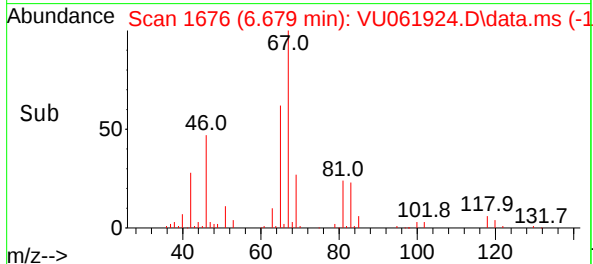
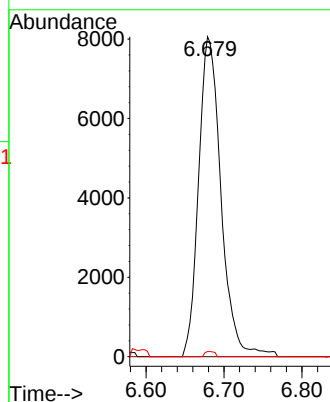
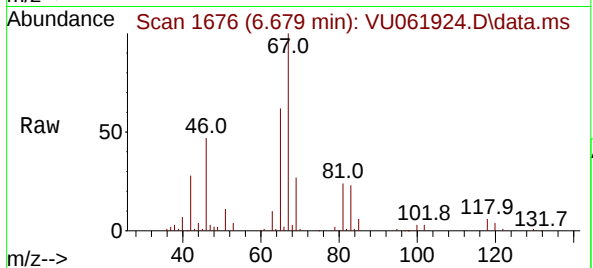




#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.679 min Scan# 1693
Delta R.T. -0.074 min
Lab File: VU061924.D
Acq: 21 Nov 2024 17:51

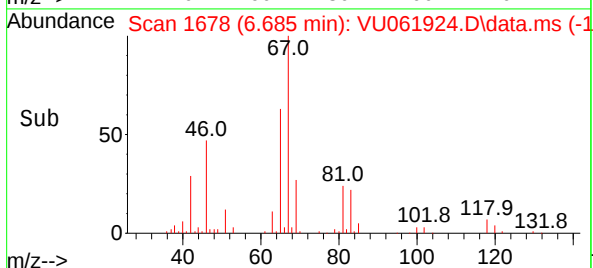
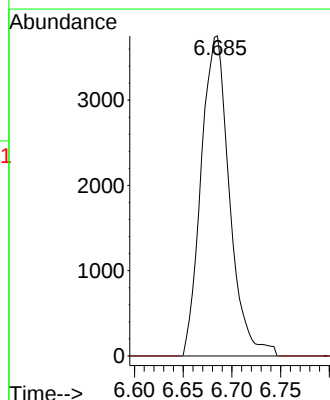
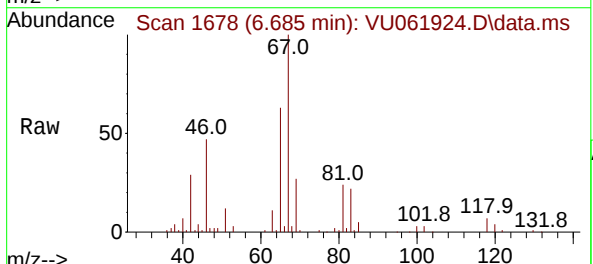
Instrument :
MSVOA_U
ClientSampleId :

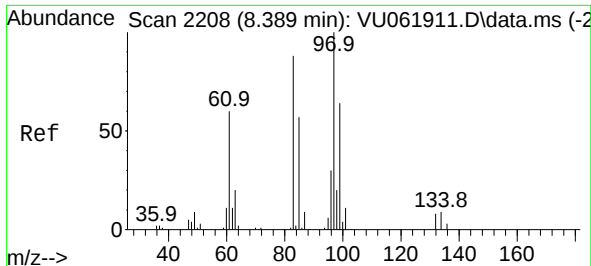
Tgt Ion: 83 Resp: 16093
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 19.1 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU061924.D
Acq: 21 Nov 2024 17:51

Tgt Ion: 63 Resp: 7582
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#45

1,1,2-Trichloroethane

Concen: 0.645 ug/L

RT: 8.540 min Scan# 2208

Delta R.T. 0.151 min

Lab File: VU061924.D

Acq: 21 Nov 2024 17:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 5767

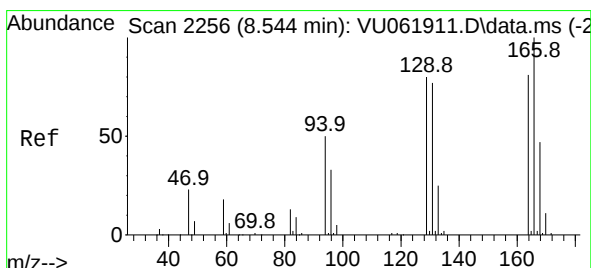
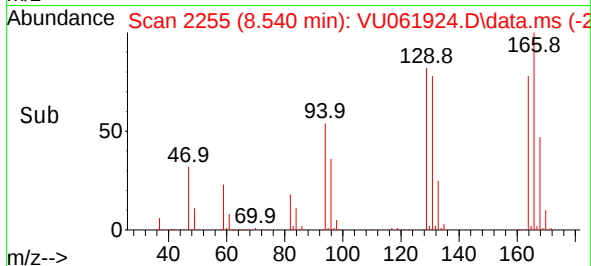
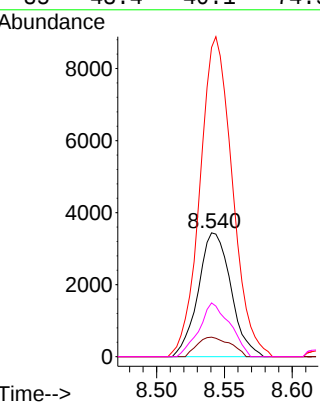
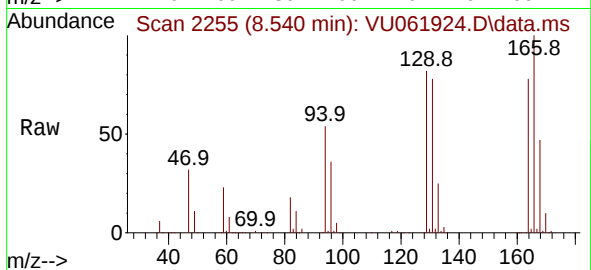
Ion Ratio Lower Upper

97 100

99 15.7 43.0 79.8#

83 249.9 61.7 114.5#

85 43.4 40.1 74.5



#47

Tetrachloroethene

Concen: 65.361 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU061924.D

Acq: 21 Nov 2024 17:51

Tgt Ion:164 Resp: 592623

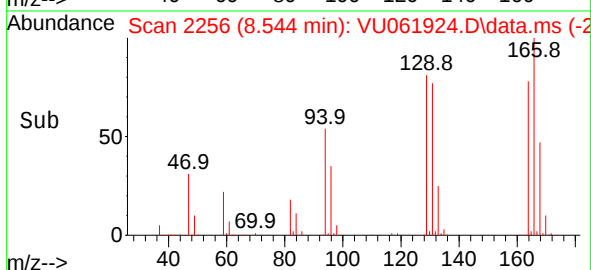
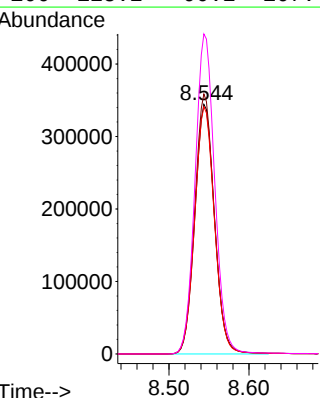
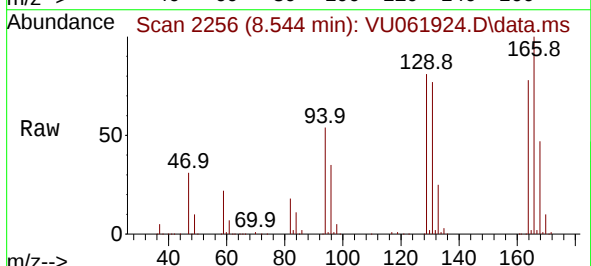
Ion Ratio Lower Upper

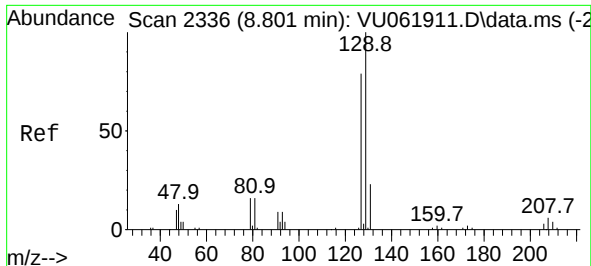
164 100

129 104.2 73.2 136.0

131 99.0 72.3 134.3

166 128.2 90.2 167.4





#49

Dibromochloromethane

Concen: 64.807 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061924.D

Acq: 21 Nov 2024 17:51

Instrument :

MSVOA_U

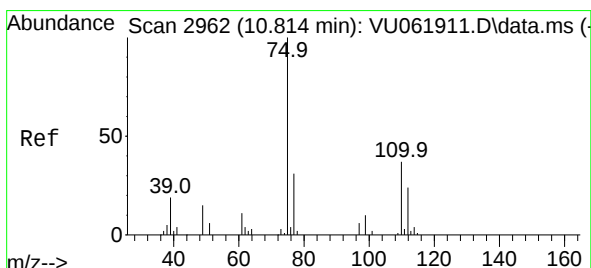
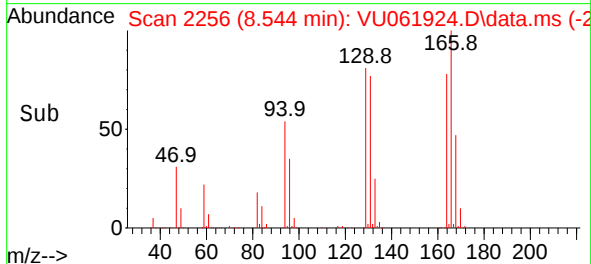
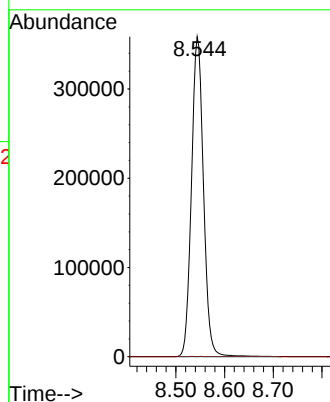
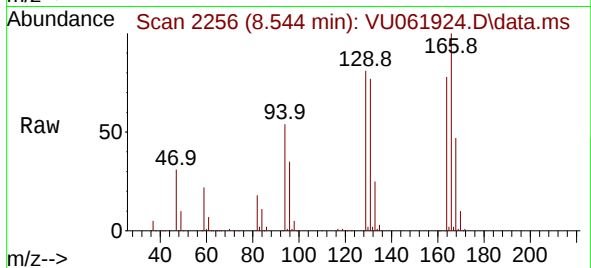
ClientSampleId :

Tgt Ion:129 Resp: 612053

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.086 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU061924.D

Acq: 21 Nov 2024 17:51

Tgt Ion: 75 Resp: 8104

Ion Ratio Lower Upper

75 100

110 1.0 28.9 43.3#

77 31.9 26.5 39.7

