

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033611.D
 Acq On : 12 Jan 2024 21:53
 Operator : SY/MD
 Sample : P1121-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 00:30:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

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

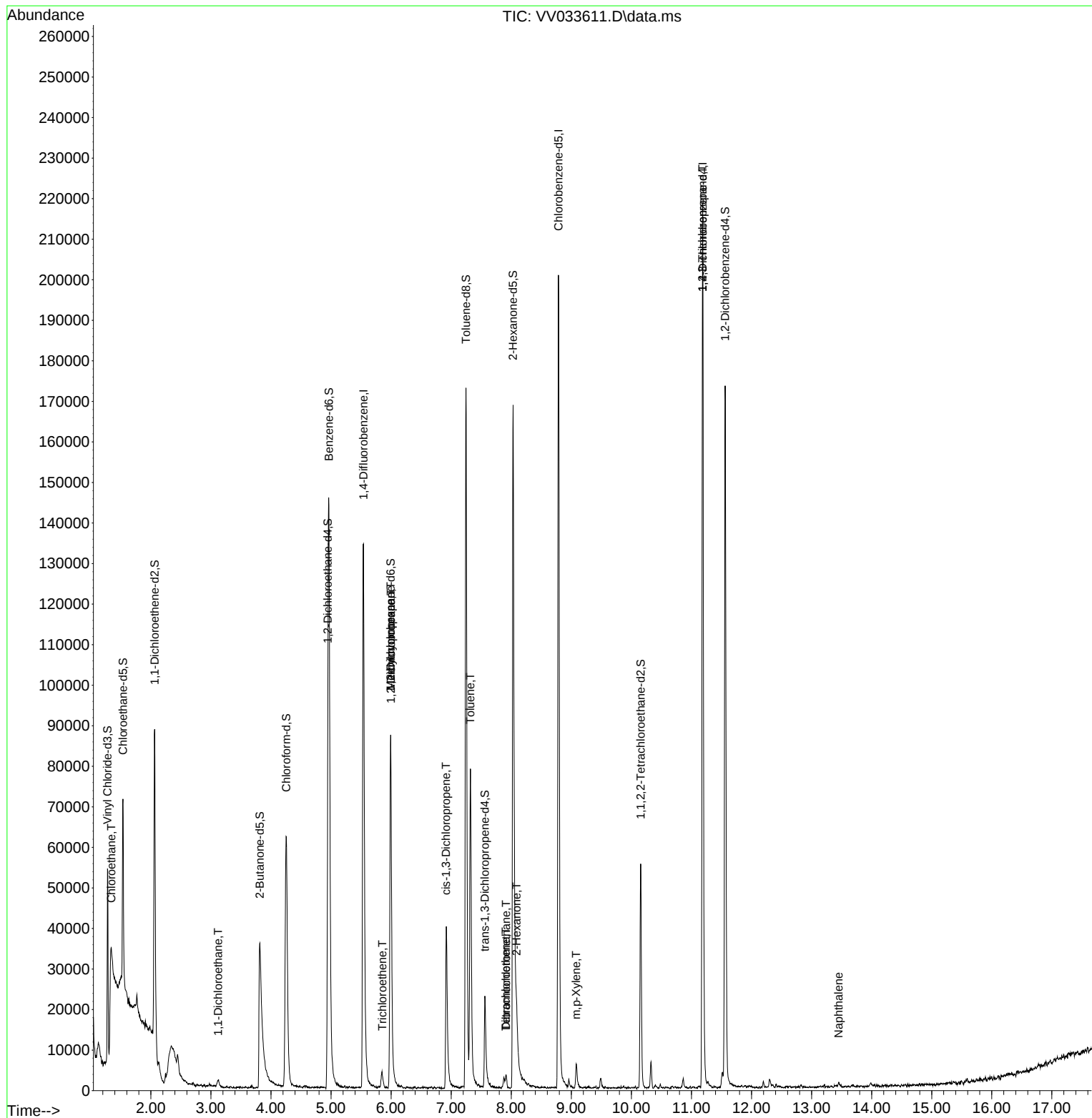
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	117507	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	108596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	54751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29618	4.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.536	69	28540	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.063	65	14335	4.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	3.815	46	86976	55.362	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.720%
24) Chloroform-d	4.253	84	68123	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	4.947	65	33822	5.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	4.963	84	131847	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	5.992	67	43567	4.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.246	98	113775	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.561	79	14666	4.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.030	63	61215	51.625	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28086	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	43236	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.339	64	65607	8.837	ug/L #	52
19) 1,1-Dichloroethane	3.121	63	2094	0.113	ug/L #	76
34) Trichloroethene	5.854	95	1278	0.125	ug/L	95
35) Methylcyclohexane	5.992	83	10517	0.605	ug/L #	15
37) 1,2-Dichloropropane	5.995	63	4956	0.518	ug/L #	87
39) cis-1,3-Dichloropropene	6.915	75	1108	0.081	ug/L #	65
42) Toluene	7.320	91	57069	1.400	ug/L	99
47) Tetrachloroethene	7.908	164	778	0.106	ug/L	94
48) 2-Hexanone	8.088	43	13277	4.118	ug/L #	87
49) Dibromochloromethane	7.915	129	772	0.117	ug/L #	11
53) m,p-Xylene	9.082	106	1952	0.112	ug/L	100
61) 1,2,3-Trichloropropane	11.185	75	7416	1.690	ug/L #	64
71) Naphthalene	13.451	128	1558	0.075	ug/L #	78

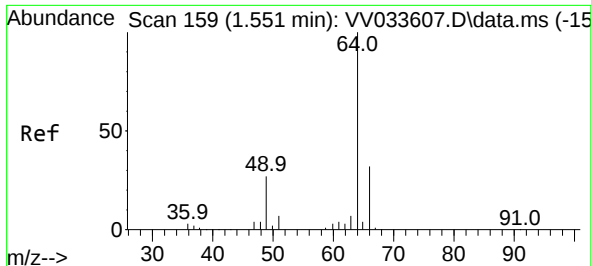
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 00:29:44 2024
Response via : Initial Calibration





#8

Chloroethane

Concen: 8.837 ug/L

RT: 1.339 min Scan# 91

Delta R.T. -0.212 min

Lab File: VV033611.D

Acq: 12 Jan 2024 21:53

Instrument :

MSVOA_V

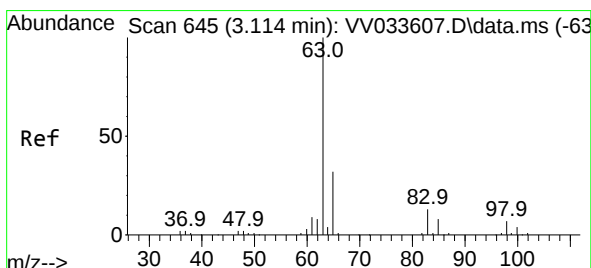
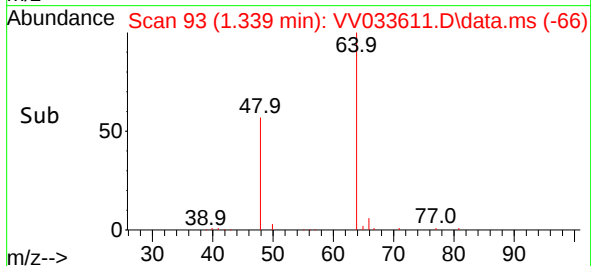
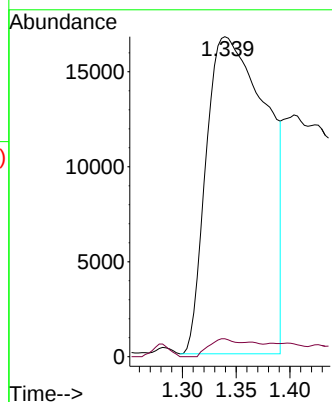
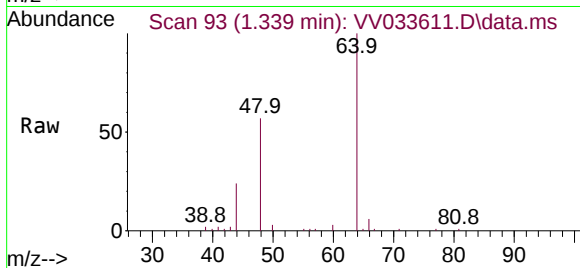
ClientSampleId :

Tgt Ion: 64 Resp: 65607

Ion Ratio Lower Upper

64 100

66 5.6 22.6 42.0#



#19

1,1-Dichloroethane

Concen: 0.113 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.007 min

Lab File: VV033611.D

Acq: 12 Jan 2024 21:53

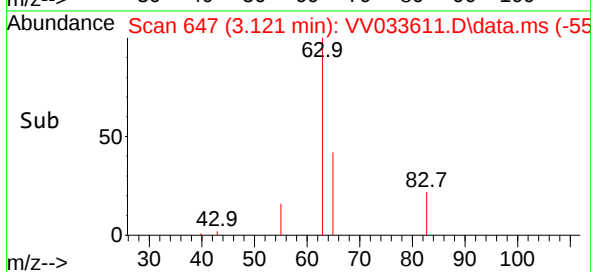
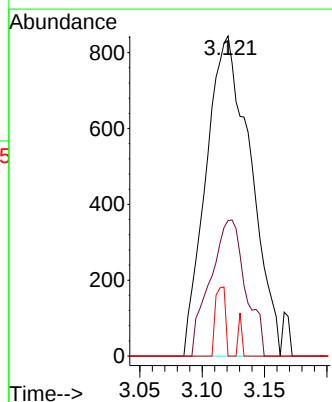
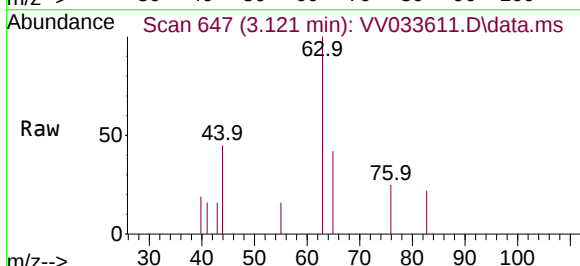
Tgt Ion: 63 Resp: 2094

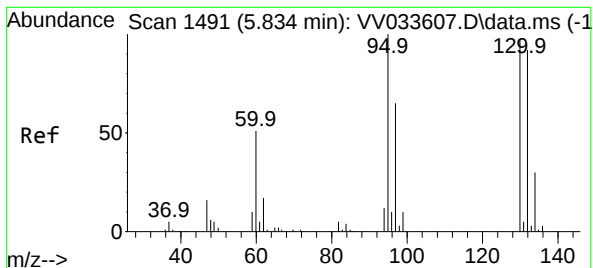
Ion Ratio Lower Upper

63 100

65 42.3 21.6 40.2#

83 0.0 9.1 16.9#





#34

Trichloroethene

Concen: 0.125 ug/L

RT: 5.854 min Scan# 1491

Delta R.T. 0.019 min

Lab File: VV033611.D

Acq: 12 Jan 2024 21:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1278

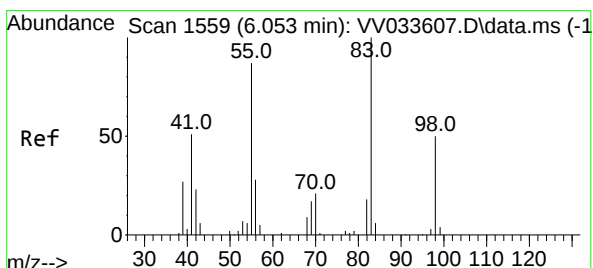
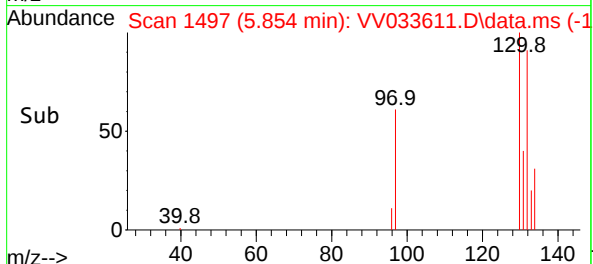
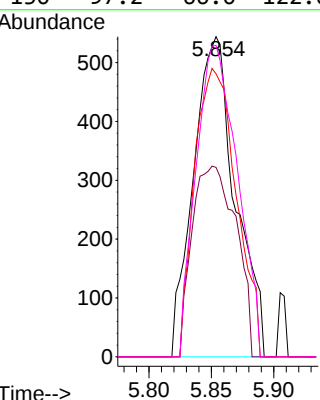
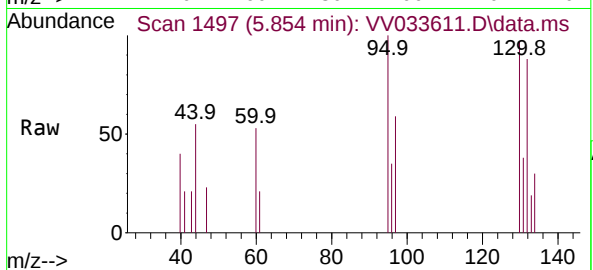
Ion Ratio Lower Upper

95 100

97 59.2 45.1 83.9

132 88.4 65.2 121.2

130 97.2 66.0 122.6



#35

Methylcyclohexane

Concen: 0.605 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.061 min

Lab File: VV033611.D

Acq: 12 Jan 2024 21:53

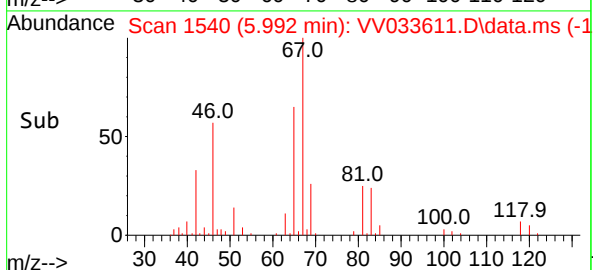
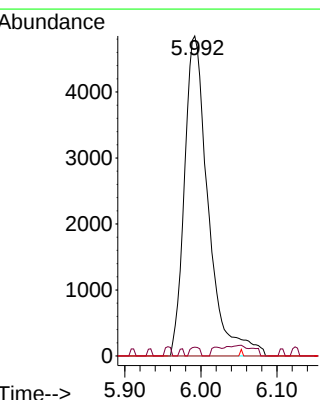
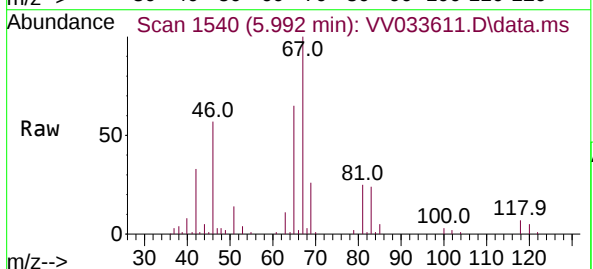
Tgt Ion: 83 Resp: 10517

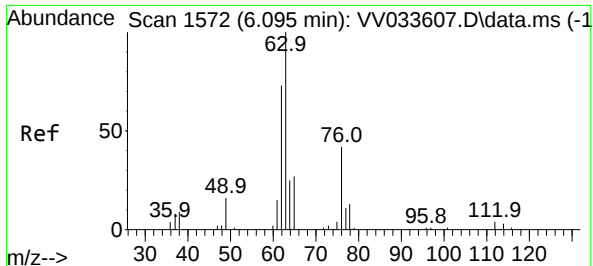
Ion Ratio Lower Upper

83 100

55 1.1 68.7 103.1#

98 0.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.099 min

Lab File: VV033611.D

Acq: 12 Jan 2024 21:53

Instrument :

MSVOA_V

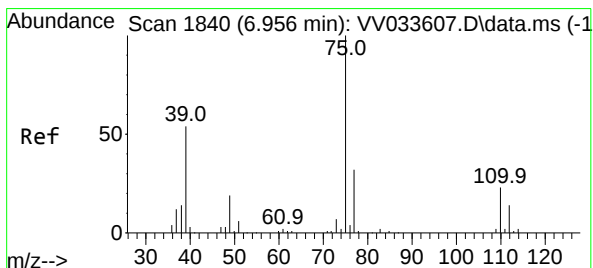
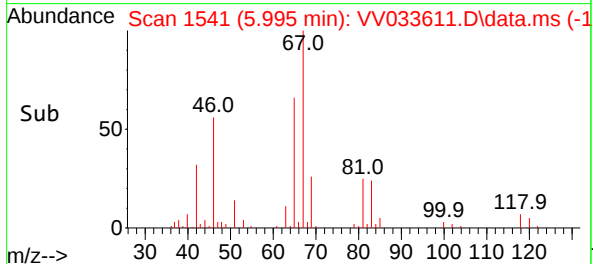
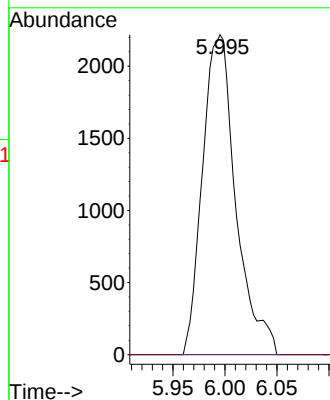
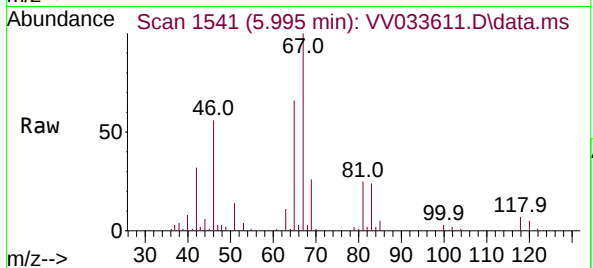
ClientSampleId :

Tgt Ion: 63 Resp: 4956

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.042 min

Lab File: VV033611.D

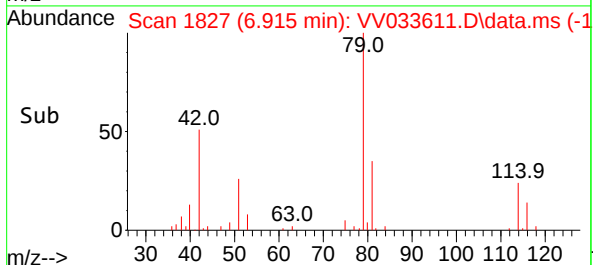
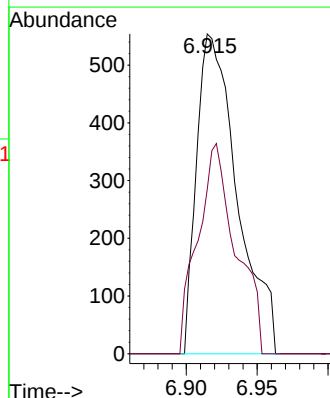
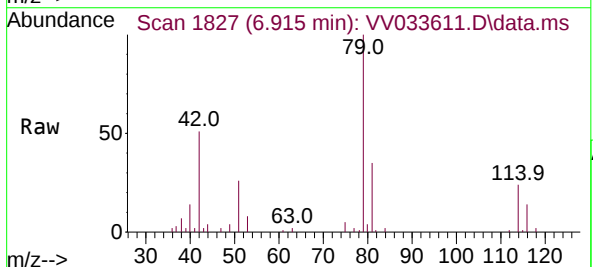
Acq: 12 Jan 2024 21:53

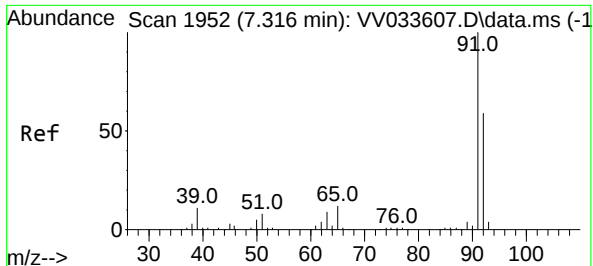
Tgt Ion: 75 Resp: 1108

Ion Ratio Lower Upper

75 100

77 51.4 22.5 41.7#





#42

Toluene

Concen: 1.400 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033611.D

Acq: 12 Jan 2024 21:53

Instrument :

MSVOA_V

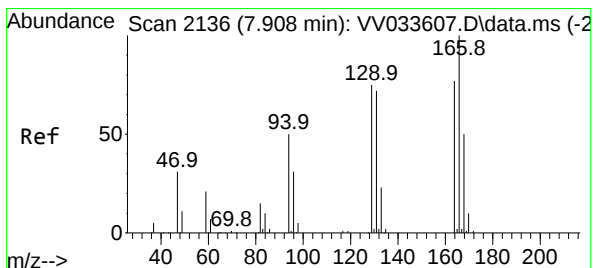
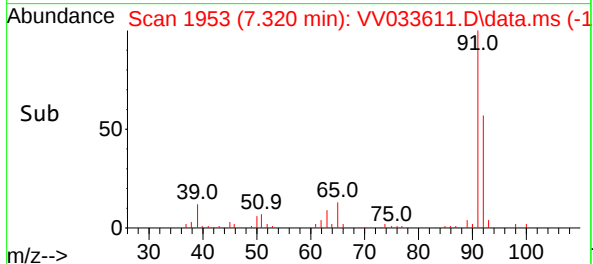
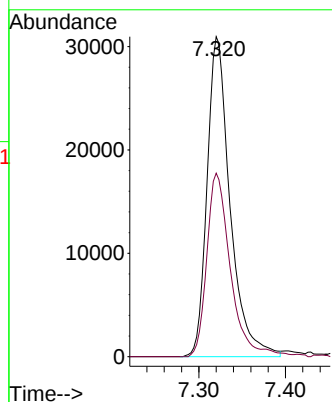
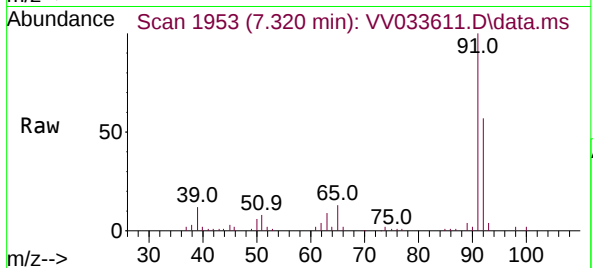
ClientSampleId :

Tgt Ion: 91 Resp: 57069

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#47

Tetrachloroethene

Concen: 0.106 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV033611.D

Acq: 12 Jan 2024 21:53

Tgt Ion: 164 Resp: 778

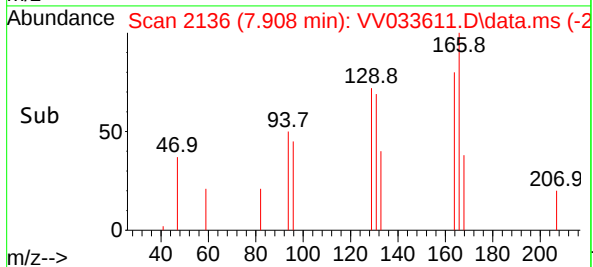
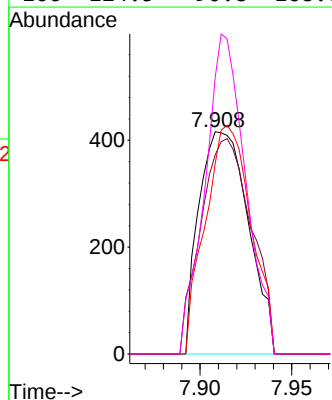
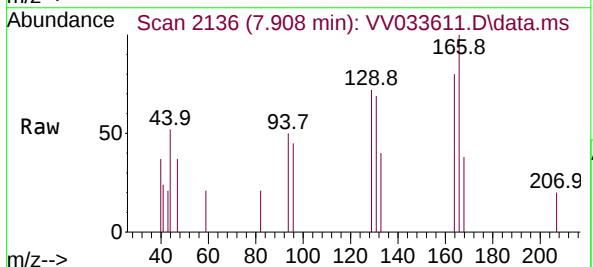
Ion Ratio Lower Upper

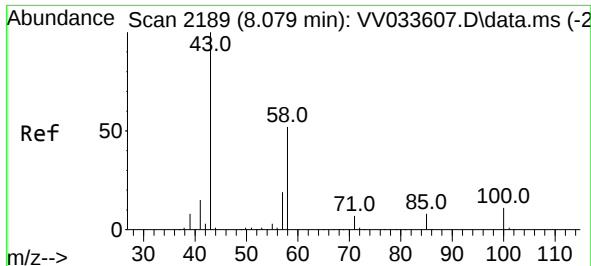
164 100

129 89.7 67.1 124.7

131 85.8 65.0 120.6

166 124.5 90.8 168.6

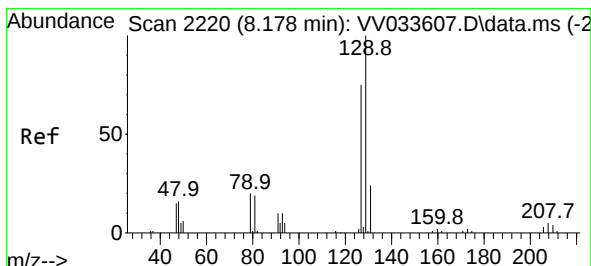
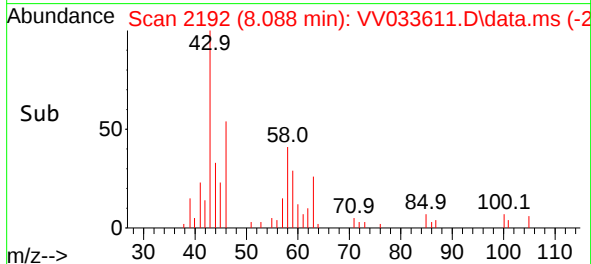
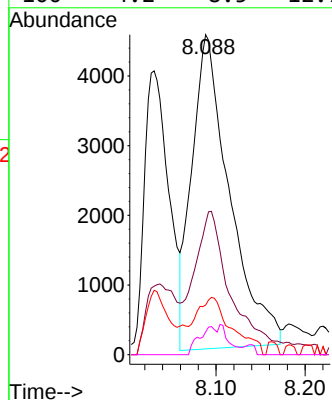
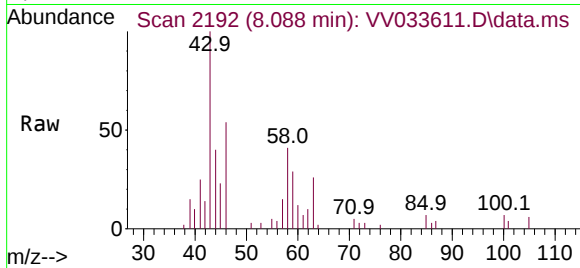




#48
2-Hexanone
Concen: 4.118 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV033611.D
Acq: 12 Jan 2024 21:53

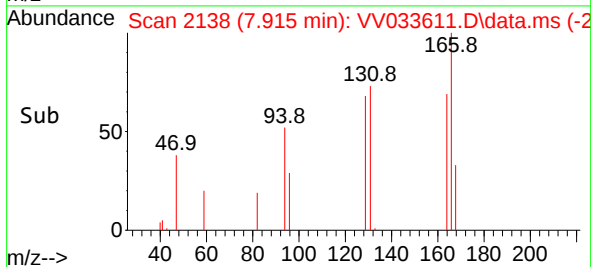
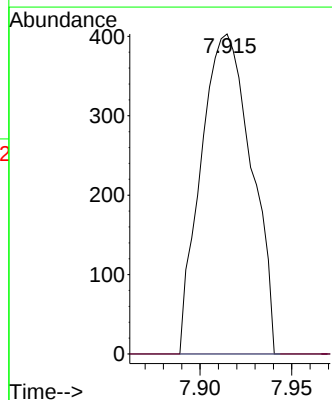
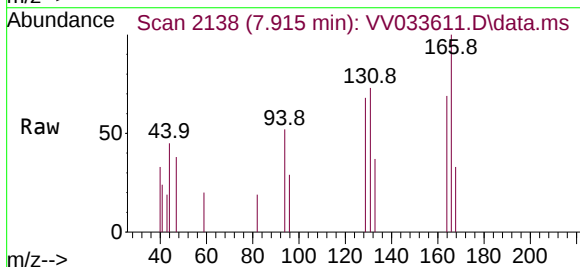
Instrument :
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ClientSampleId :

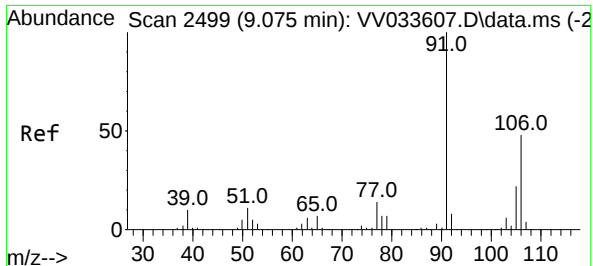
Tgt Ion: 43	Resp: 13277
Ion Ratio	Lower Upper
43	100
58	39.8 40.6 61.0#
57	17.0 13.8 20.8
100	4.2 8.5 12.7#



#49
Dibromochloromethane
Concen: 0.117 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.263 min
Lab File: VV033611.D
Acq: 12 Jan 2024 21:53

Tgt Ion: 129	Resp: 772
Ion Ratio	Lower Upper
129	100
127	0.0 53.6 99.6#

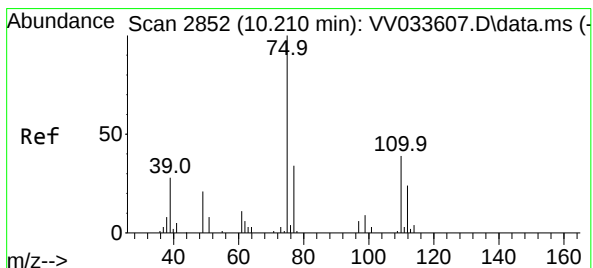
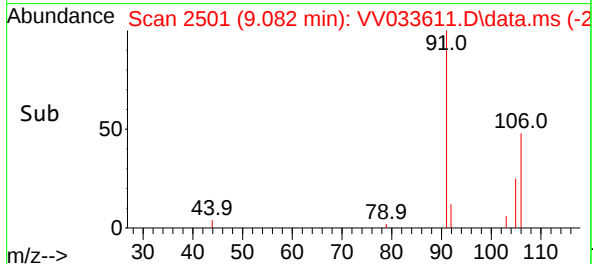
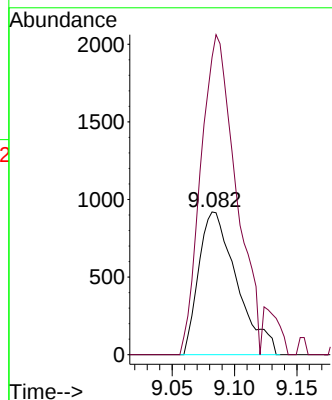
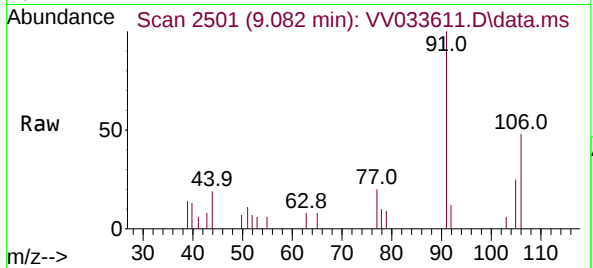




#53
m,p-Xylene
Concen: 0.112 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV033611.D
Acq: 12 Jan 2024 21:53

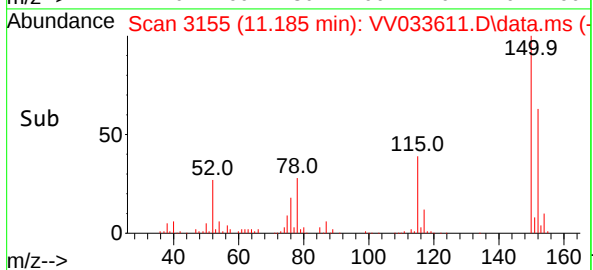
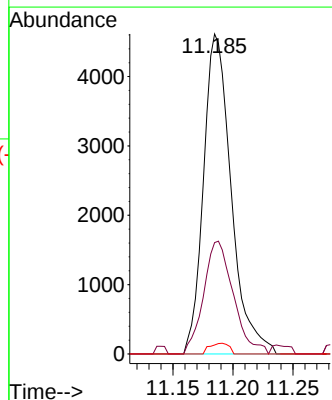
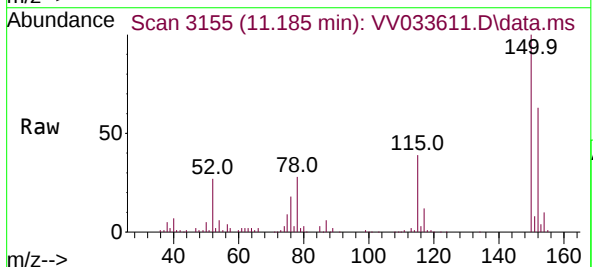
Instrument :
MSVOA_V
ClientSampleId :

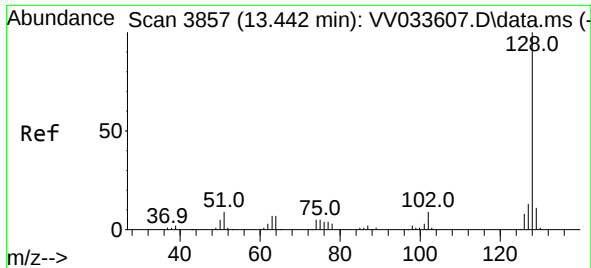
Tgt Ion:106 Resp: 1952
Ion Ratio Lower Upper
106 100
91 208.3 146.2 271.4



#61
1,2,3-Trichloropropane
Concen: 1.690 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV033611.D
Acq: 12 Jan 2024 21:53

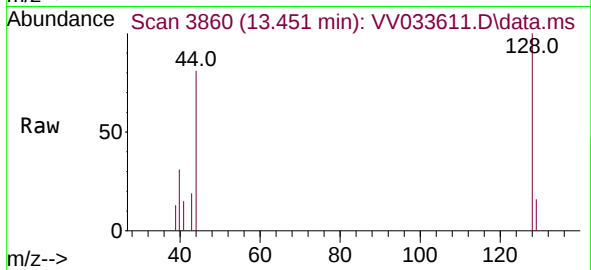
Tgt Ion: 75 Resp: 7416
Ion Ratio Lower Upper
75 100
77 37.7 24.7 37.1#
110 2.3 28.0 42.0#





#71
Naphthalene
Concen: 0.075 ug/L
RT: 13.451 min Scan# 3857
Delta R.T. 0.010 min
Lab File: VV033611.D
Acq: 12 Jan 2024 21:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1558
Ion Ratio Lower Upper
128 100
129 4.5 8.8 13.2#
127 2.6 10.4 15.6#

