

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034439.D
 Acq On : 27 Feb 2024 11:11
 Operator : SY/MD
 Sample : P1535-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

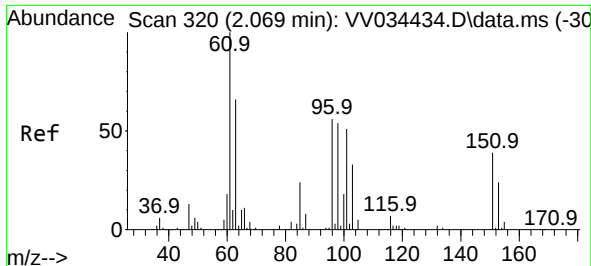
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 28 03:54:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	147615	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	139550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	70871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37101	4.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.536	69	33687	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.060	65	17764	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.806	46	116738	52.106	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.220%
24) Chloroform-d	4.252	84	80568	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.947	65	42690	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.963	84	142533	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	5.992	67	44489	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.246	98	125070	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.564	79	15712	4.499	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.027	63	104915	53.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35676	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	52282	4.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	5751	0.599	ug/L	92
19) 1,1-Dichloroethane	3.114	63	29289	1.619	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	30004	2.902	ug/L	97
25) Chloroform	4.285	83	25365	1.350	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	11628	0.666	ug/L	100
31) Carbon tetrachloride	4.738	117	21881	1.444	ug/L	100
34) Trichloroethene	5.841	95	15011	1.488	ug/L	94
35) Methylcyclohexane	5.992	83	10993	0.694	ug/L #	18
37) 1,2-Dichloropropane	5.992	63	5769	0.604	ug/L #	87
44) trans-1,3-Dichloropropene	7.561	75	906	0.084	ug/L #	39
47) Tetrachloroethene	7.905	164	65957	8.336	ug/L	98
48) 2-Hexanone	8.024	43	12063	2.868	ug/L #	69
49) Dibromochloromethane	7.905	129	58640	7.756	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	8761	1.602	ug/L #	67

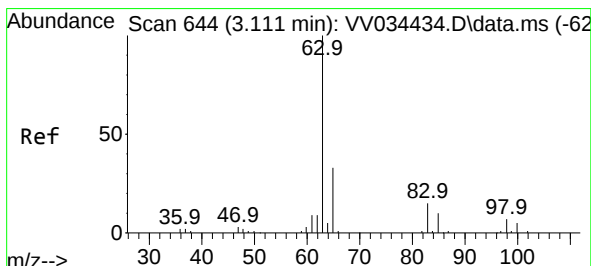
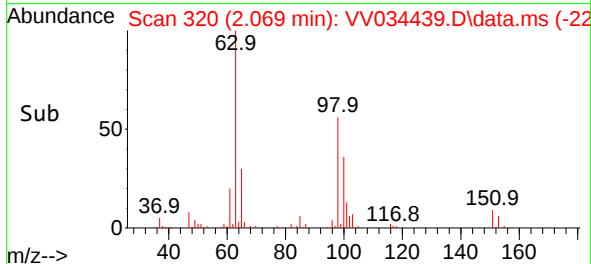
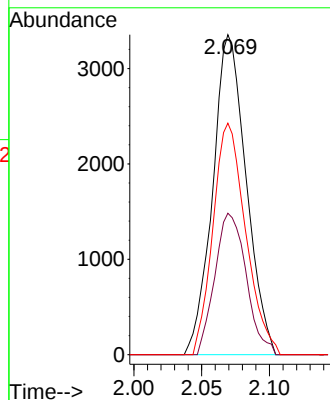
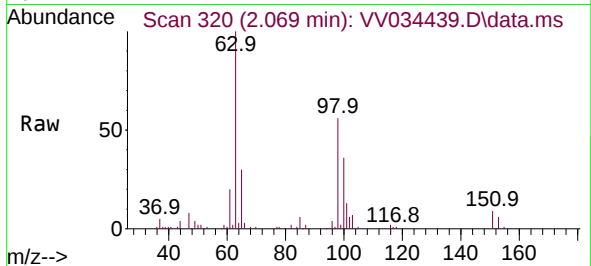
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.599 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034439.D
 Acq: 27 Feb 2024 11:11

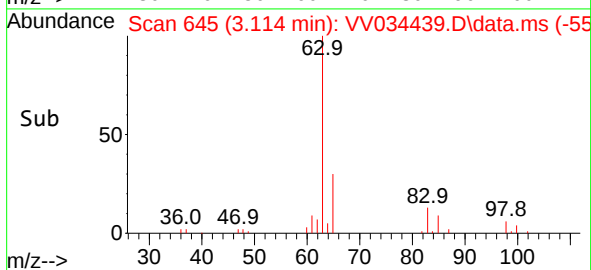
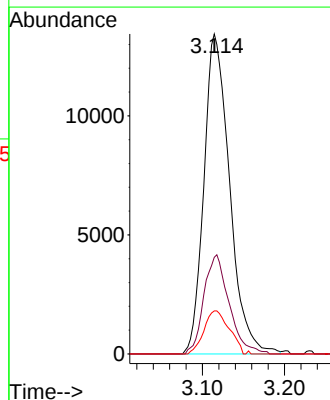
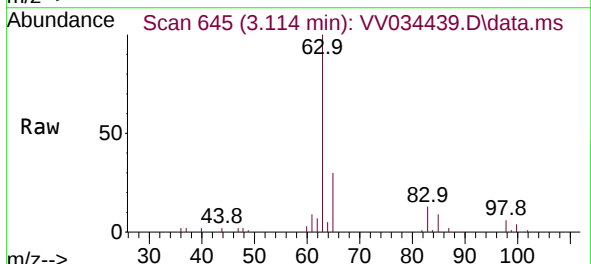
Instrument :
 MSVOA_V
 ClientSampleId :

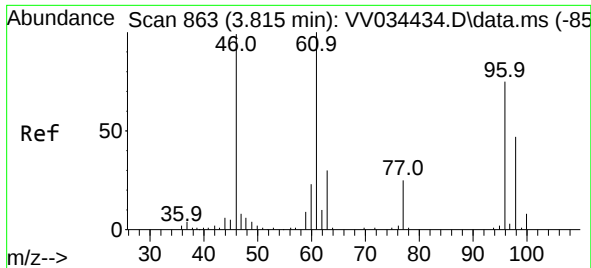
Tgt Ion:101 Resp: 5751
 Ion Ratio Lower Upper
 101 100
 85 41.4 37.9 56.9
 151 70.7 61.8 92.6



#19
 1,1-Dichloroethane
 Concen: 1.619 ug/L
 RT: 3.114 min Scan# 645
 Delta R.T. 0.003 min
 Lab File: VV034439.D
 Acq: 27 Feb 2024 11:11

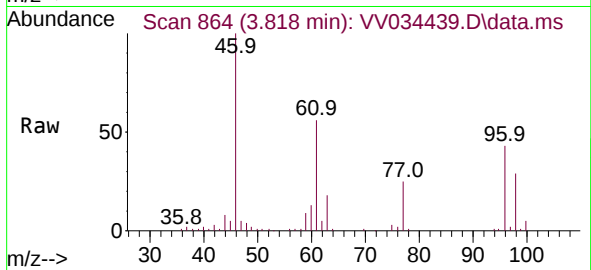
Tgt Ion: 63 Resp: 29289
 Ion Ratio Lower Upper
 63 100
 65 30.2 22.0 41.0
 83 13.5 10.1 18.9



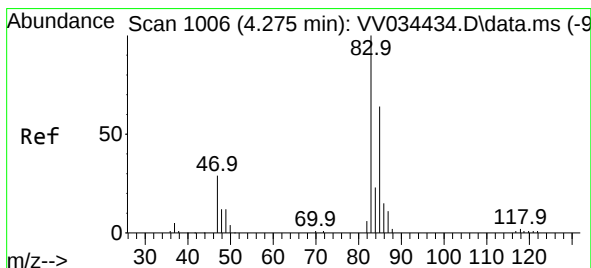
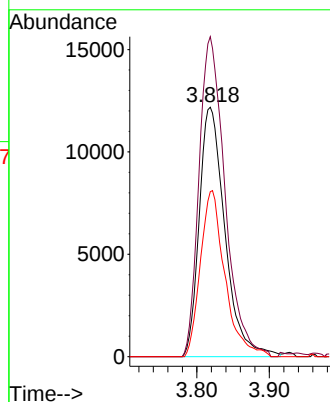
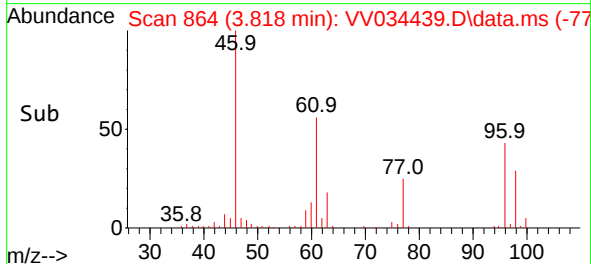


#22
 cis-1,2-Dichloroethene
 Concen: 2.902 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV034439.D
 Acq: 27 Feb 2024 11:11

Instrument :
 MSVOA_V
 ClientSampleId :

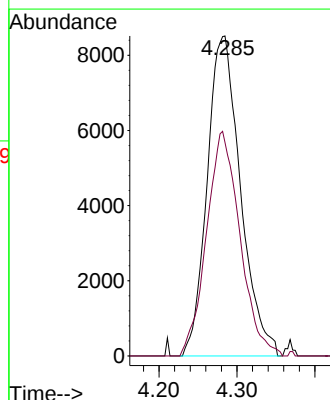
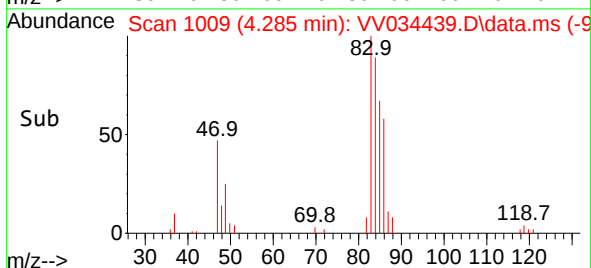
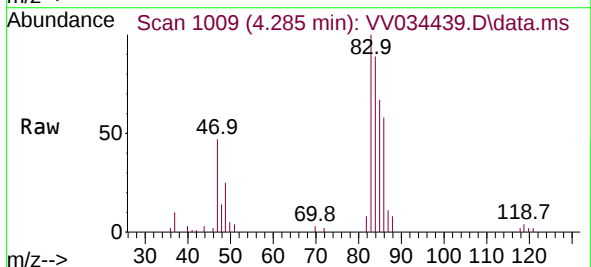


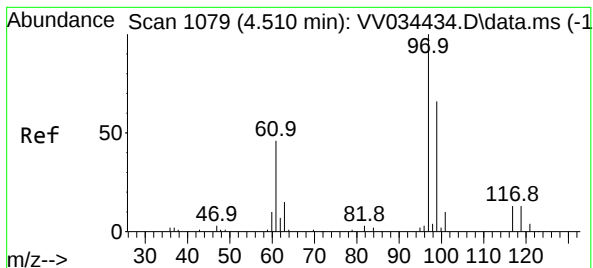
Tgt Ion: 96 Resp: 30004
 Ion Ratio Lower Upper
 96 100
 61 128.3 89.7 166.5
 98 66.1 42.0 78.0



#25
 Chloroform
 Concen: 1.350 ug/L
 RT: 4.285 min Scan# 1009
 Delta R.T. 0.010 min
 Lab File: VV034439.D
 Acq: 27 Feb 2024 11:11

Tgt Ion: 83 Resp: 25365
 Ion Ratio Lower Upper
 83 100
 85 66.7 47.0 87.4





#29

1,1,1-Trichloroethane

Concen: 0.666 ug/L

RT: 4.519 min Scan# 110

Delta R.T. 0.010 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

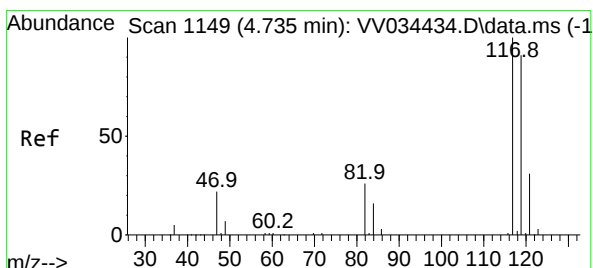
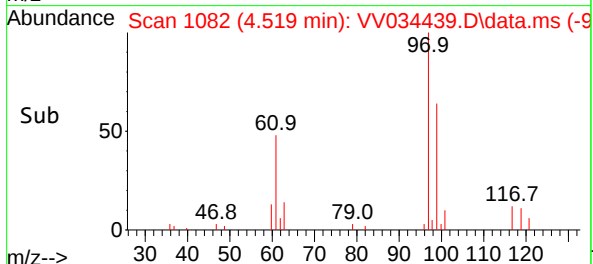
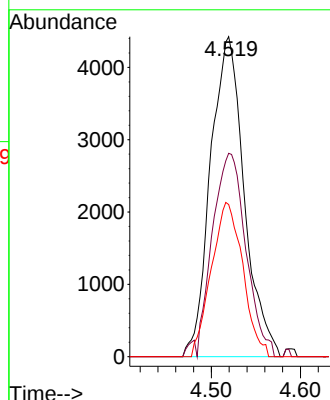
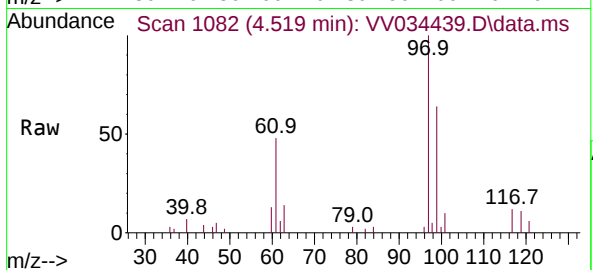
Tgt Ion: 97 Resp: 11628

Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 45.0 36.1 54.1



#31

Carbon tetrachloride

Concen: 1.444 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034439.D

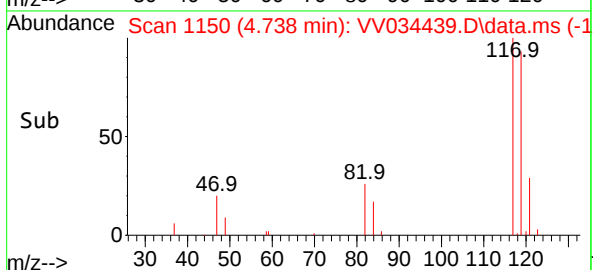
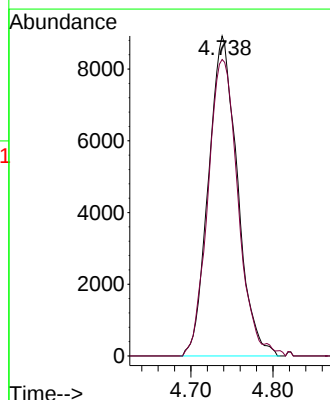
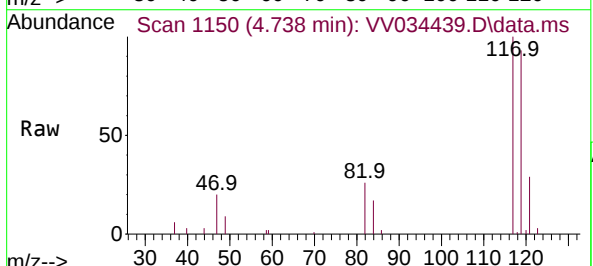
Acq: 27 Feb 2024 11:11

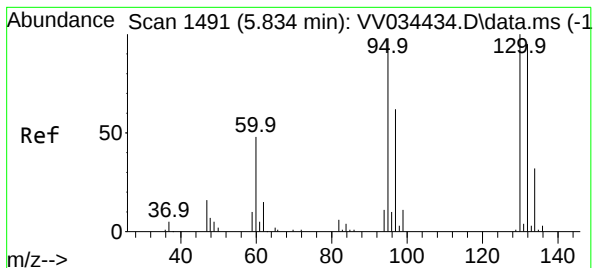
Tgt Ion: 117 Resp: 21881

Ion Ratio Lower Upper

117 100

119 96.4 77.0 115.6





#34

Trichloroethene

Concen: 1.488 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 15011

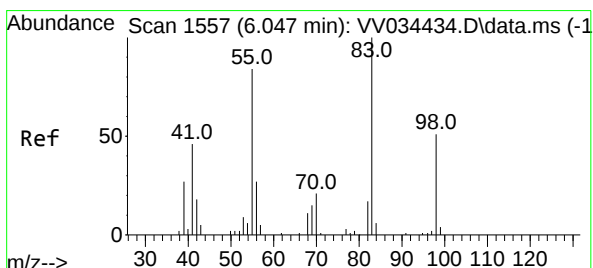
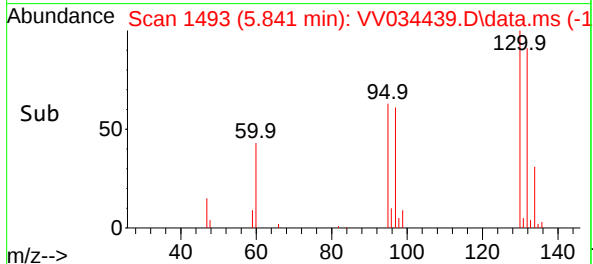
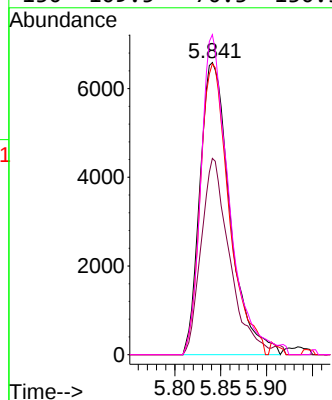
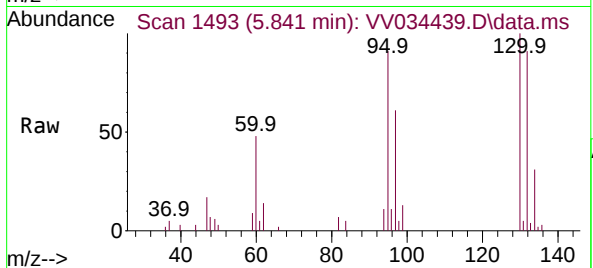
Ion Ratio Lower Upper

95 100

97 67.2 43.3 80.5

132 99.6 67.8 126.0

130 109.5 70.3 130.5



#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.055 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

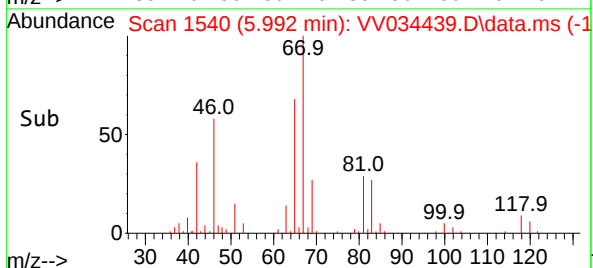
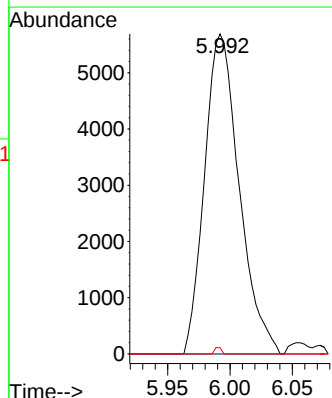
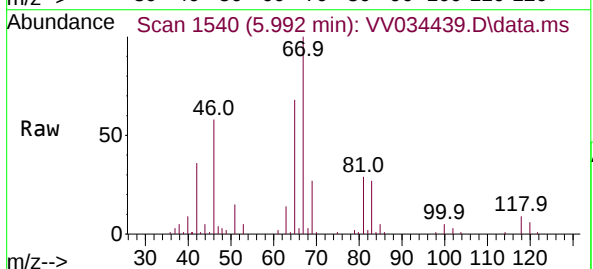
Tgt Ion: 83 Resp: 10993

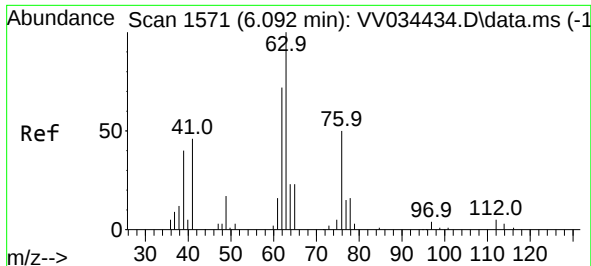
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.4 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Instrument :

MSVOA_V

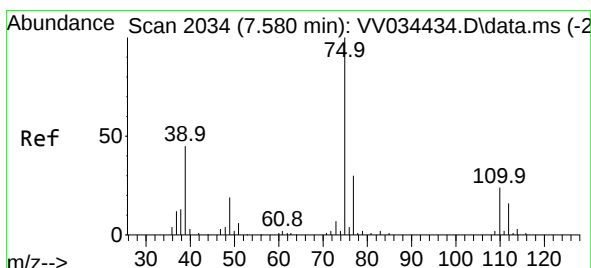
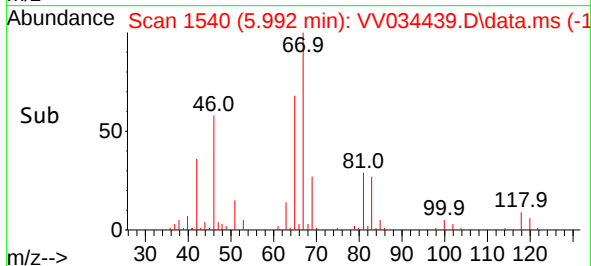
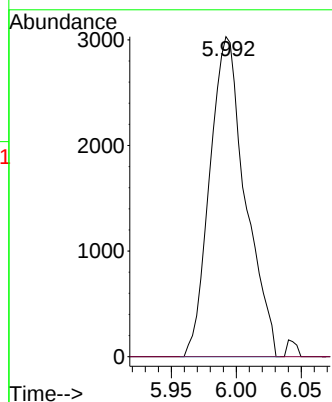
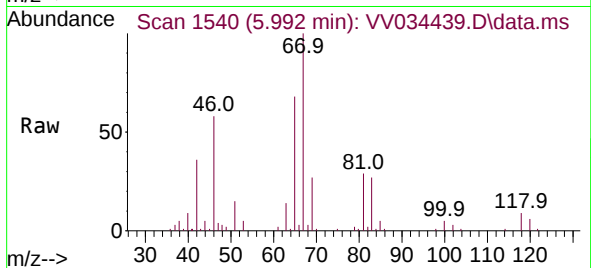
ClientSampleId :

Tgt Ion: 63 Resp: 5769

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.019 min

Lab File: VV034439.D

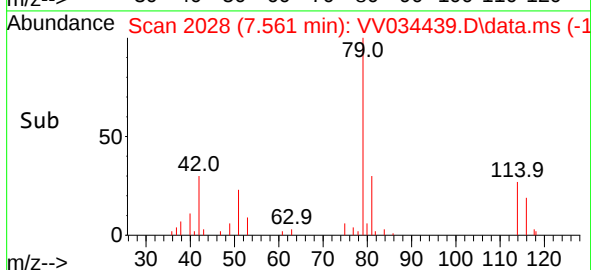
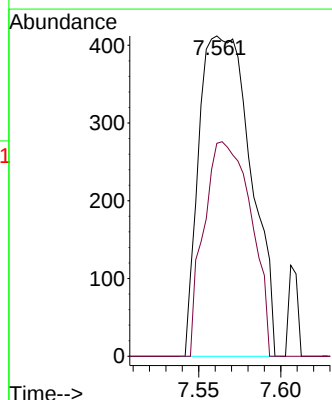
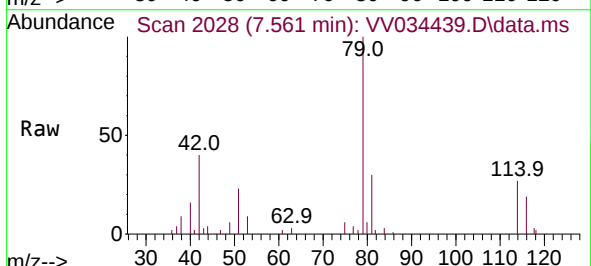
Acq: 27 Feb 2024 11:11

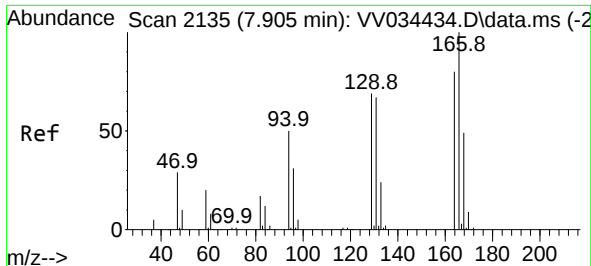
Tgt Ion: 75 Resp: 906

Ion Ratio Lower Upper

75 100

77 66.5 22.7 42.1#





#47

Tetrachloroethene

Concen: 8.336 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

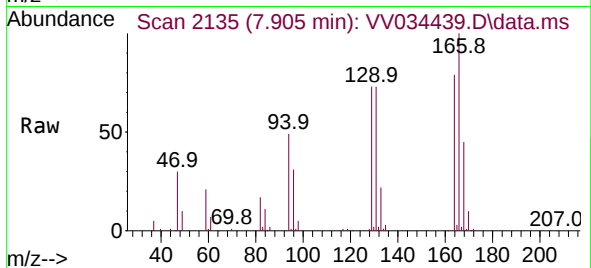
Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 65957

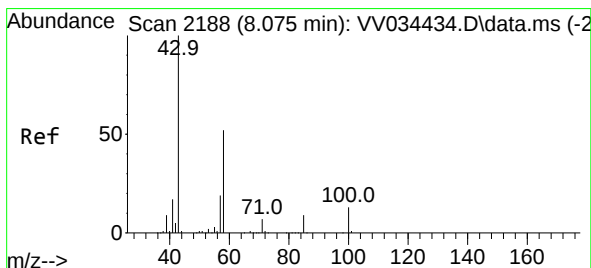
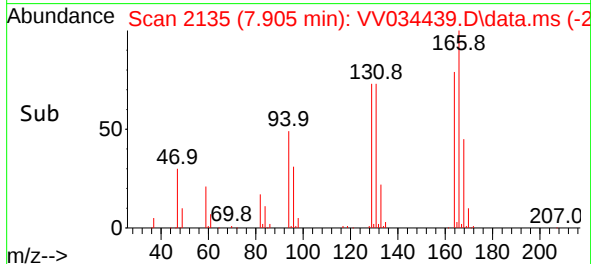
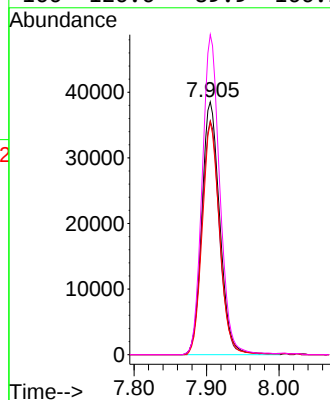
Ion Ratio Lower Upper

164 100

129 92.5 64.2 119.2

131 91.9 65.9 122.3

166 126.6 89.9 166.9



#48

2-Hexanone

Concen: 2.868 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.051 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Tgt Ion: 43 Resp: 12063

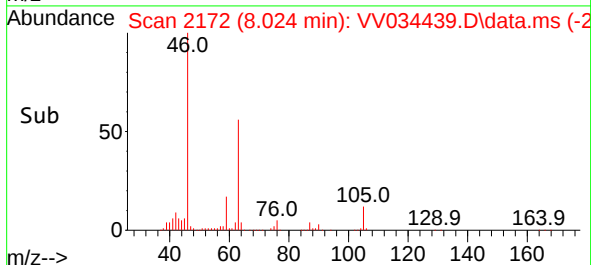
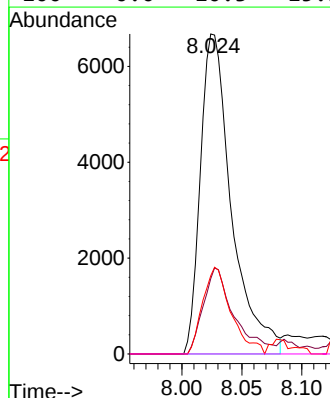
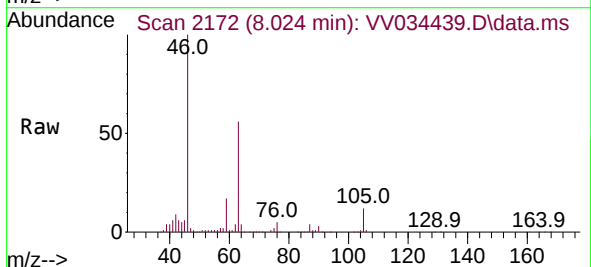
Ion Ratio Lower Upper

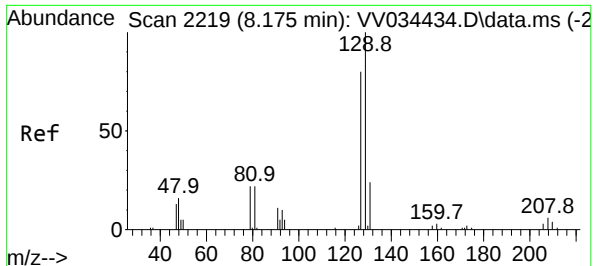
43 100

58 26.9 43.4 65.0#

57 24.7 15.5 23.3#

100 0.0 10.3 15.5#





#49

Dibromochloromethane

Concen: 7.756 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Instrument :

MSVOA_V

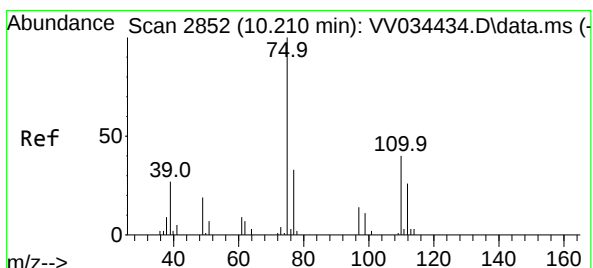
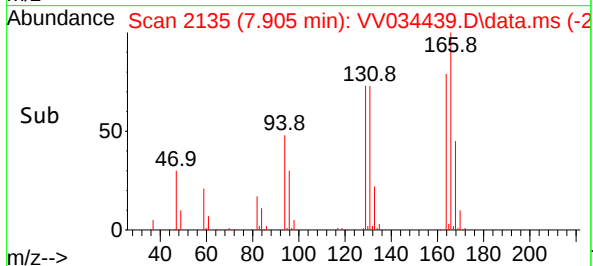
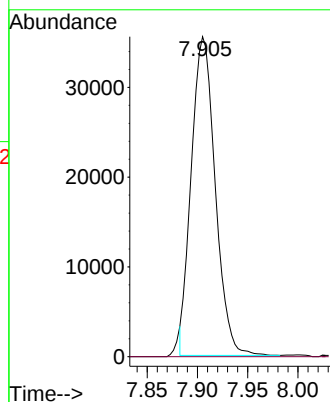
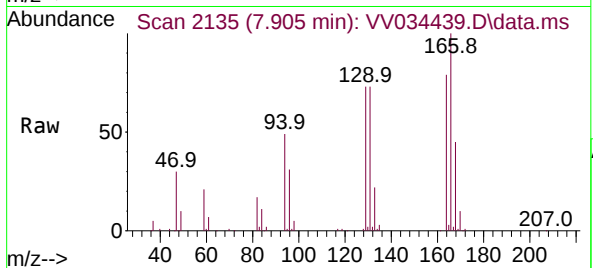
ClientSampleId :

Tgt Ion:129 Resp: 58640

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



#61

1,2,3-Trichloropropane

Concen: 1.602 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Tgt Ion: 75 Resp: 8761

Ion Ratio Lower Upper

75 100

77 33.1 27.7 41.5

110 3.4 32.0 48.0#

