

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW112624\
 Data File : VW038372.D
 Acq On : 26 Nov 2024 18:18
 Operator : SY/MD
 Sample : P4930-01DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 00:25:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

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

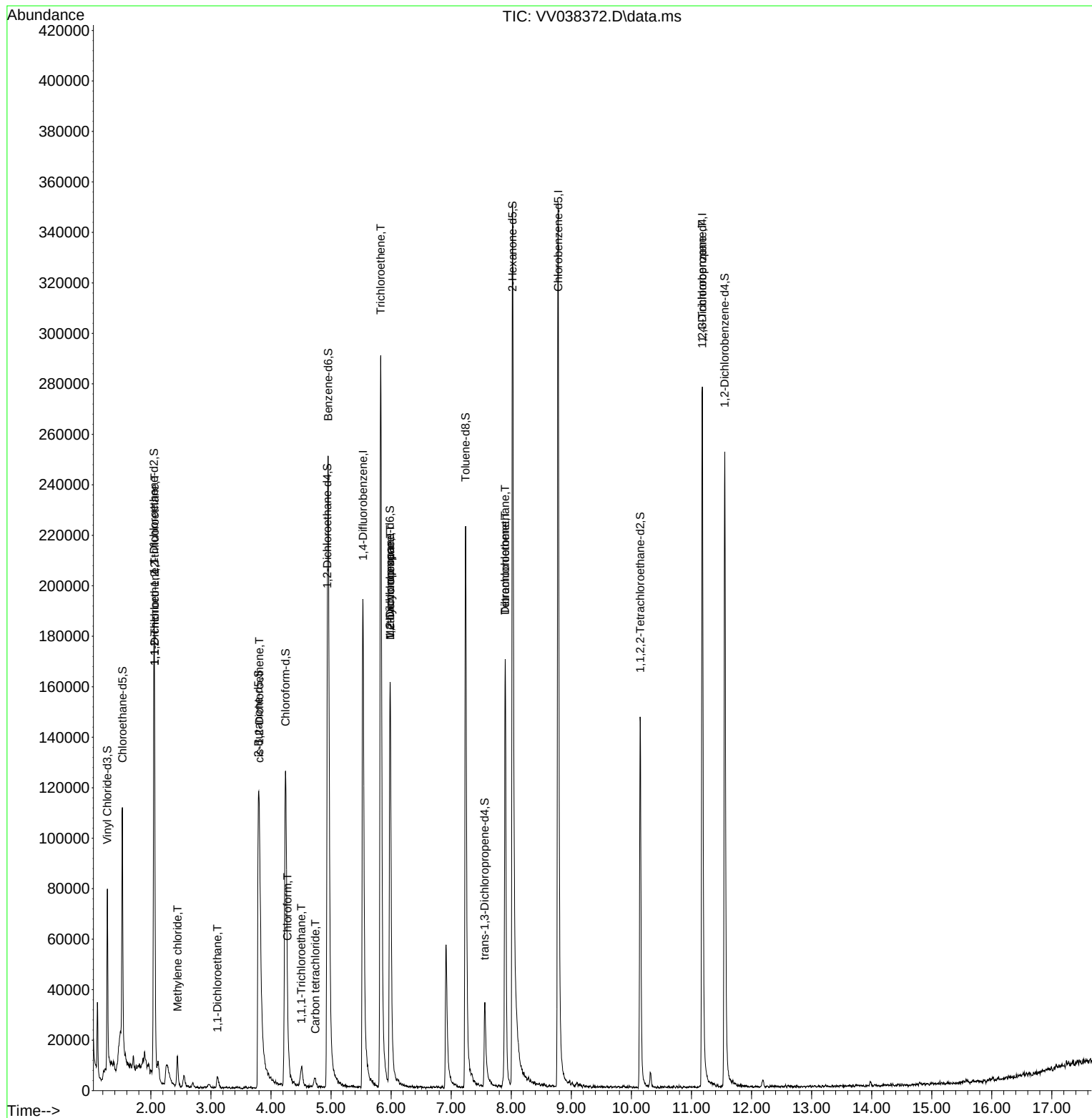
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	185592	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	209326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	80400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	46317	3.256	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.526	69	58499	5.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.053	65	24090	3.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.789	46	179751	63.165	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.340%
24) Chloroform-d	4.243	84	141933	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.937	65	70721	5.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.200%
32) Benzene-d6	4.953	84	228518	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.982	67	82929	4.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.239	98	165182	3.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.558	79	23371	3.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.021	63	124625	51.799	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75578	5.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	71784	5.240	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5133	0.369	ug/L	90
12) 1,1-Dichloroethene	2.063	96	19097	1.441	ug/L #	54
16) Methylene chloride	2.442	84	5182	0.343	ug/L	99
19) 1,1-Dichloroethane	3.108	63	5346	0.211	ug/L	93
22) cis-1,2-Dichloroethene	3.805	96	20351	1.409	ug/L	97
25) Chloroform	4.275	83	11439	0.422	ug/L	95
29) 1,1,1-Trichloroethane	4.506	97	6843	0.273	ug/L	98
31) Carbon tetrachloride	4.738	117	2678	0.121	ug/L	90
34) Trichloroethene	5.825	95	109811	6.851	ug/L	99
35) Methylcyclohexane	5.985	83	20948	0.924	ug/L #	20
37) 1,2-Dichloropropane	5.985	63	9788	0.665	ug/L #	87
47) Tetrachloroethene	7.898	164	38384	2.980	ug/L	96
49) Dibromochloromethane	7.898	129	37316	2.866	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	9457	1.374	ug/L #	63

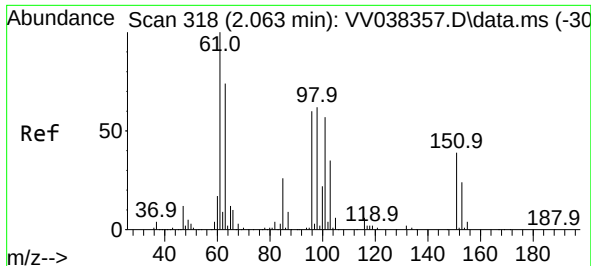
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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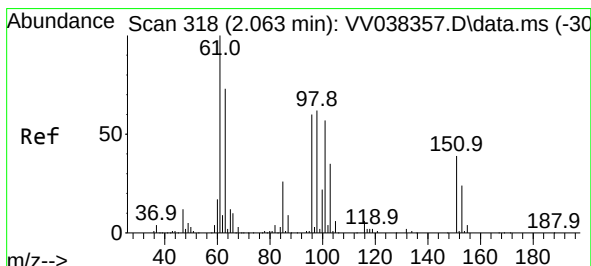
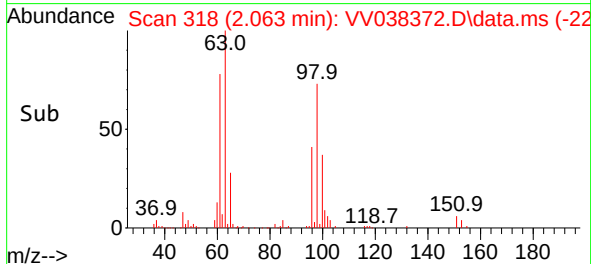
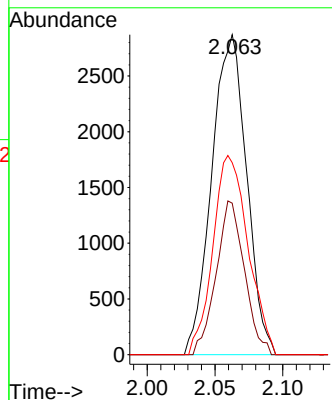
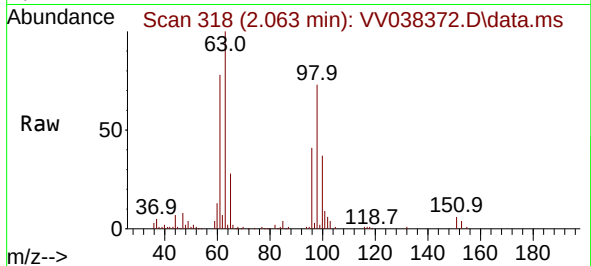




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.369 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038372.D
 Acq: 26 Nov 2024 18:18

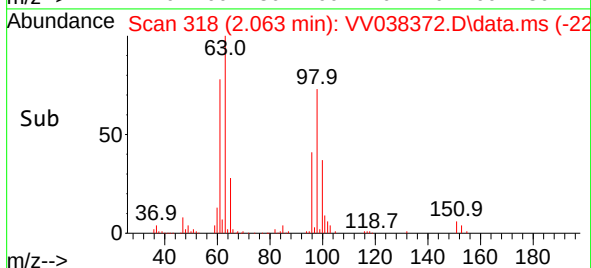
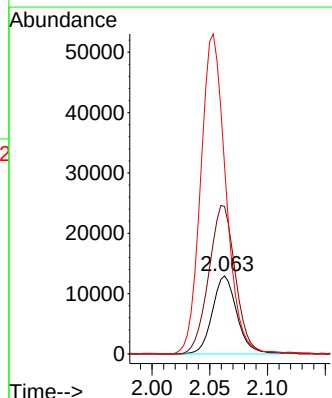
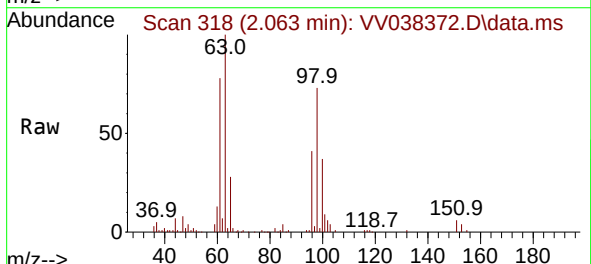
Instrument :
 MSVOA_V
 ClientSampleId :

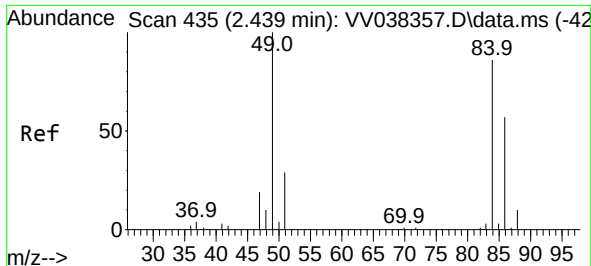
Tgt Ion:	101	Resp:	5133
Ion	Ratio	Lower	Upper
101	100		
85	39.1	33.4	50.0
151	62.9	58.8	88.2



#12
 1,1-Dichloroethene
 Concen: 1.441 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038372.D
 Acq: 26 Nov 2024 18:18

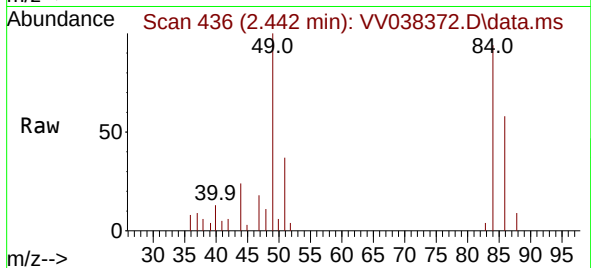
Tgt Ion:	96	Resp:	19097
Ion	Ratio	Lower	Upper
96	100		
61	188.9	115.7	214.9
63	241.9	101.1	187.7



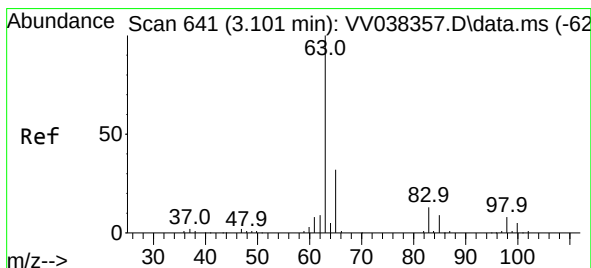
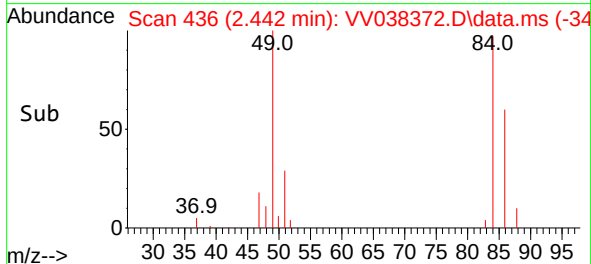
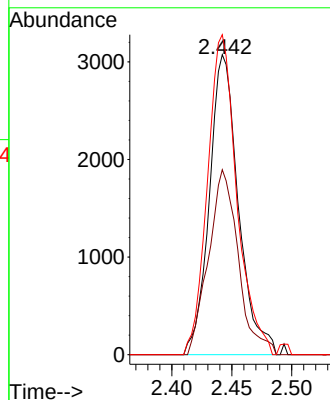


#16
Methylene chloride
Concen: 0.343 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038372.D
Acq: 26 Nov 2024 18:18

Instrument :
MSVOA_V
ClientSampleId :

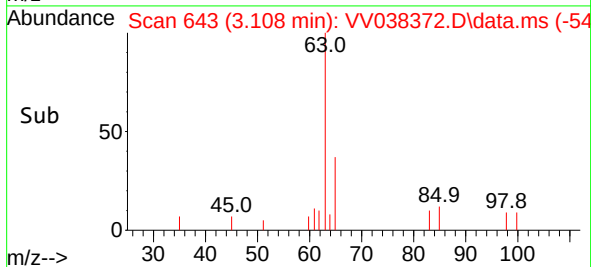
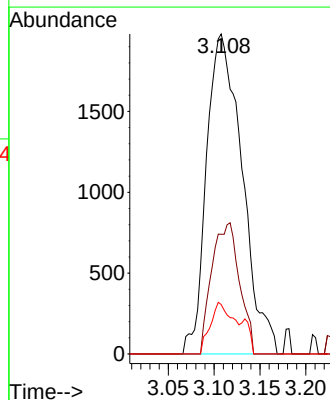
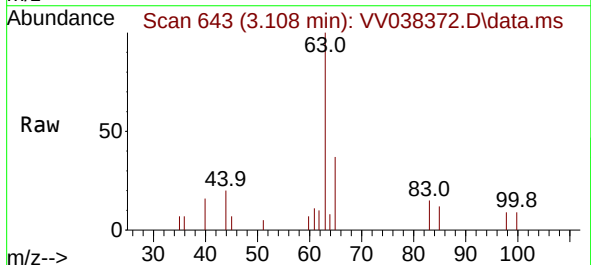


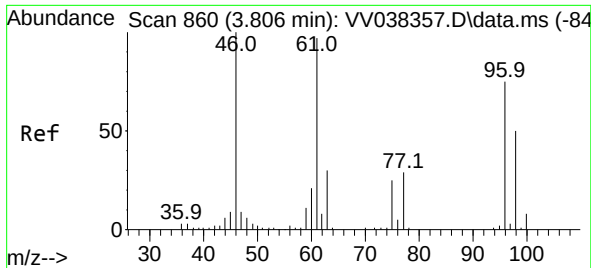
Tgt Ion: 84 Resp: 5182
Ion Ratio Lower Upper
84 100
86 61.6 44.2 82.2
49 106.7 74.9 139.1



#19
1,1-Dichloroethane
Concen: 0.211 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038372.D
Acq: 26 Nov 2024 18:18

Tgt Ion: 63 Resp: 5346
Ion Ratio Lower Upper
63 100
65 37.4 22.5 41.7
83 15.5 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 1.409 ug/L

RT: 3.805 min Scan# 80

Delta R.T. -0.000 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

Instrument :

MSVOA_V

ClientSampleId :

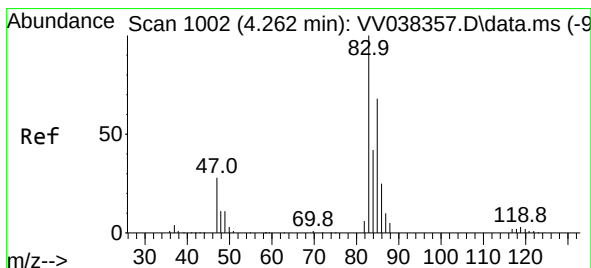
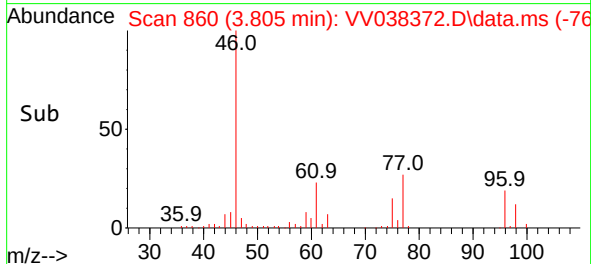
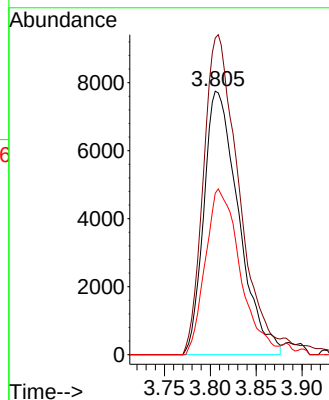
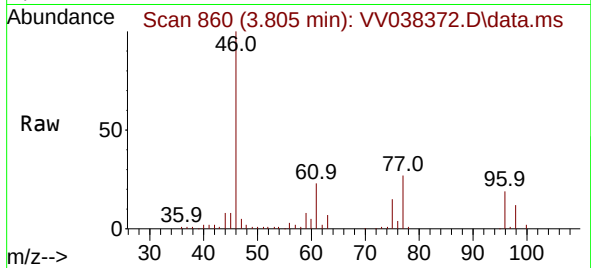
Tgt Ion: 96 Resp: 20351

Ion Ratio Lower Upper

96 100

61 120.2 82.7 153.5

98 61.3 46.3 85.9



#25

Chloroform

Concen: 0.422 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.013 min

Lab File: VV038372.D

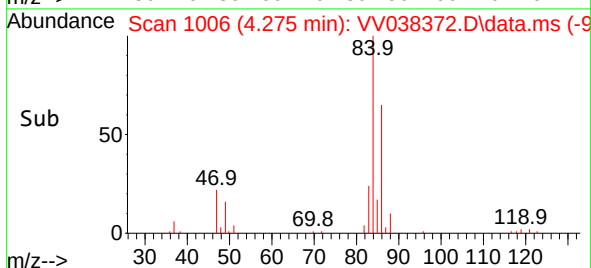
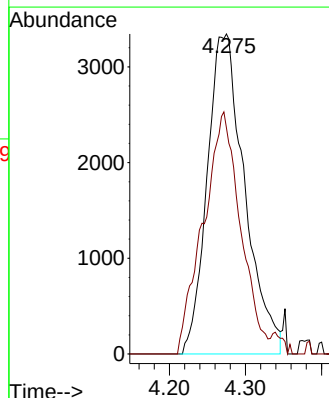
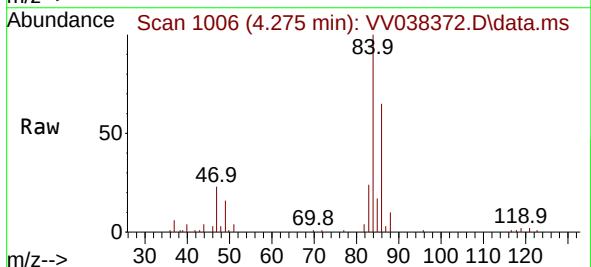
Acq: 26 Nov 2024 18:18

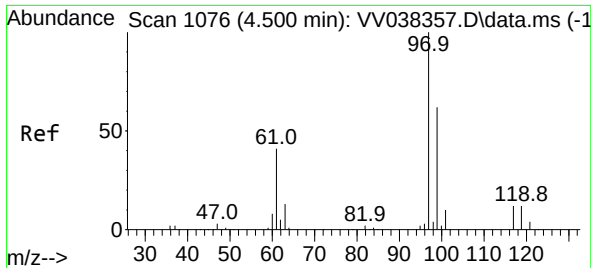
Tgt Ion: 83 Resp: 11439

Ion Ratio Lower Upper

83 100

85 70.6 46.5 86.3





#29

1,1,1-Trichloroethane

Concen: 0.273 ug/L

RT: 4.506 min Scan# 110

Delta R.T. 0.006 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

Instrument :

MSVOA_V

ClientSampleId :

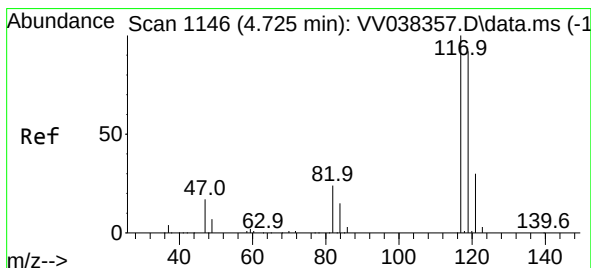
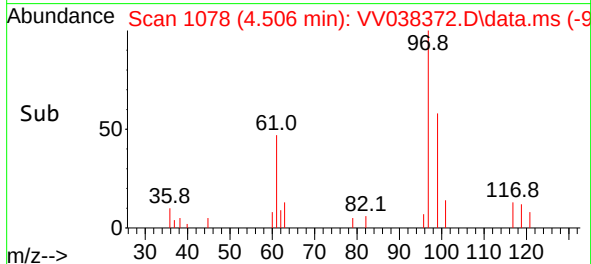
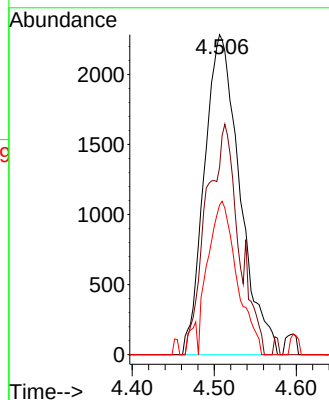
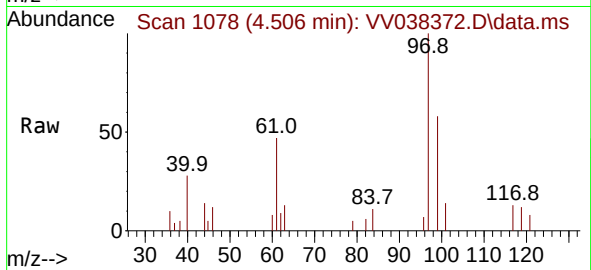
Tgt Ion: 97 Resp: 6843

Ion Ratio Lower Upper

97 100

99 66.8 51.8 77.8

61 39.2 32.2 48.2



#31

Carbon tetrachloride

Concen: 0.121 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.013 min

Lab File: VV038372.D

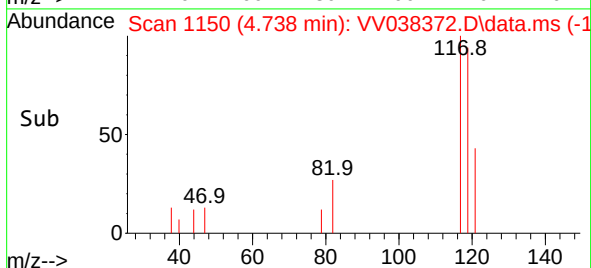
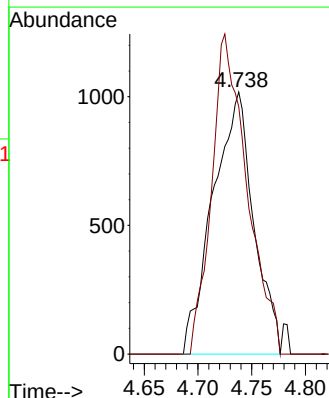
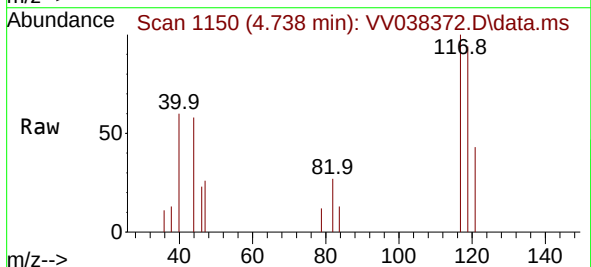
Acq: 26 Nov 2024 18:18

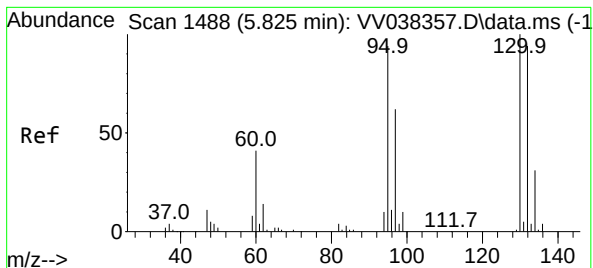
Tgt Ion: 117 Resp: 2678

Ion Ratio Lower Upper

117 100

119 106.5 77.4 116.2





#34

Trichloroethene

Concen: 6.851 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.000 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 109811

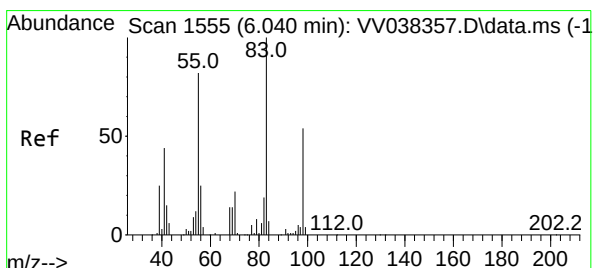
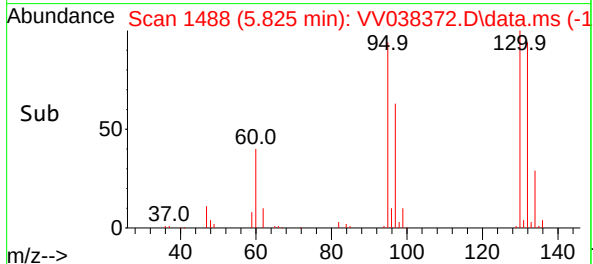
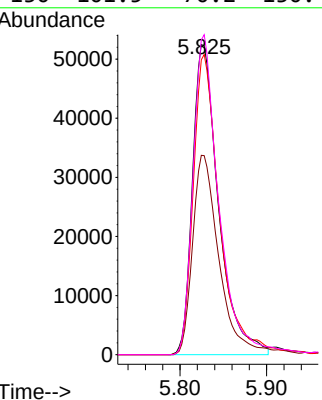
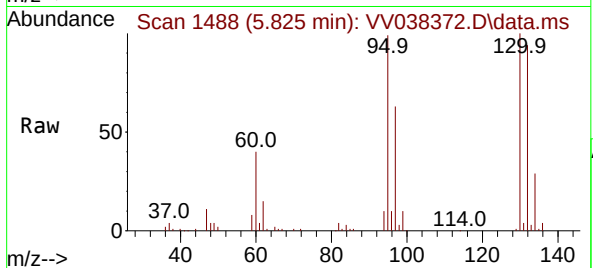
Ion Ratio Lower Upper

95 100

97 64.3 44.8 83.2

132 95.1 68.3 126.8

130 101.5 70.2 130.4



#35

Methylcyclohexane

Concen: 0.924 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

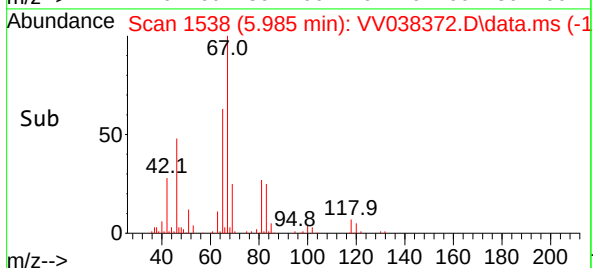
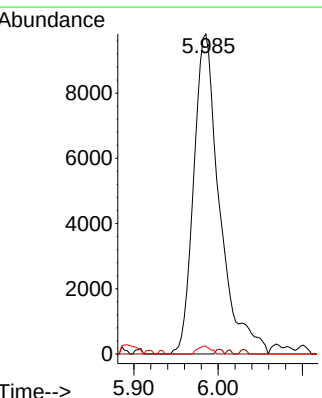
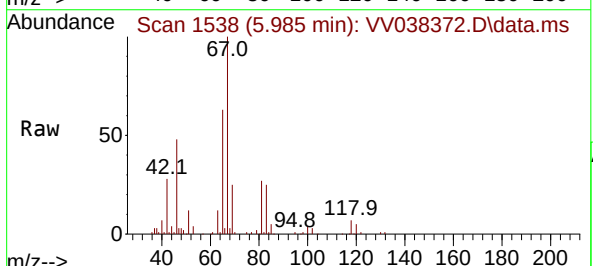
Tgt Ion: 83 Resp: 20948

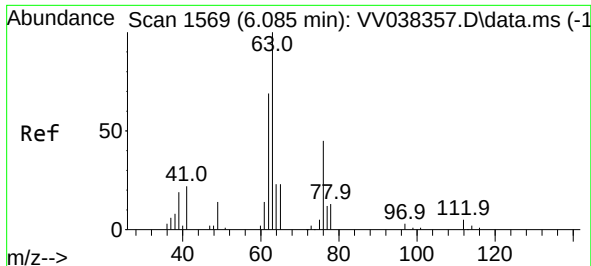
Ion Ratio Lower Upper

83 100

55 0.4 59.7 89.5#

98 1.3 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.665 ug/L

RT: 5.985 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

Instrument :

MSVOA_V

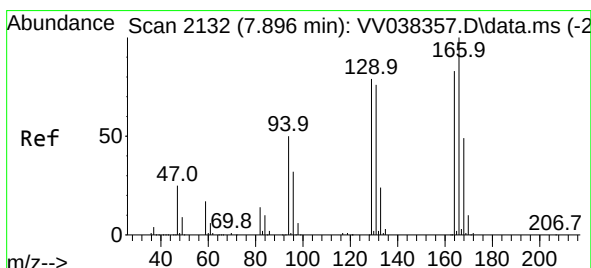
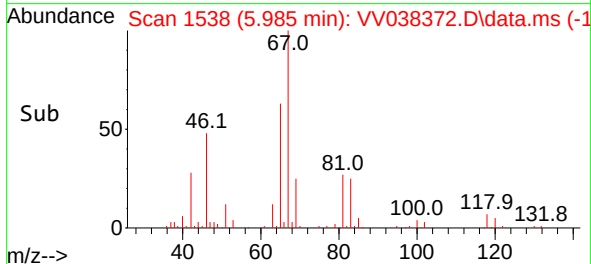
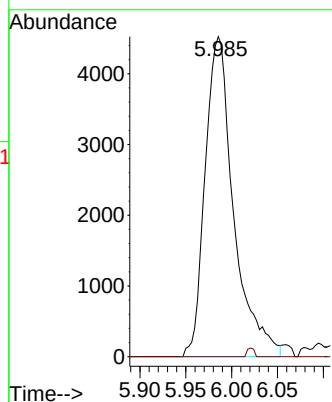
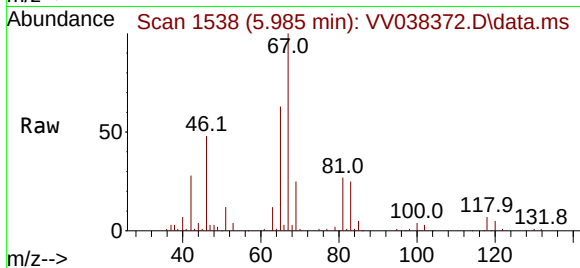
ClientSampleId :

Tgt Ion: 63 Resp: 9788

Ion Ratio Lower Upper

63 100

112 0.7 3.9 5.9#



#47

Tetrachloroethene

Concen: 2.980 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

Tgt Ion: 164 Resp: 38384

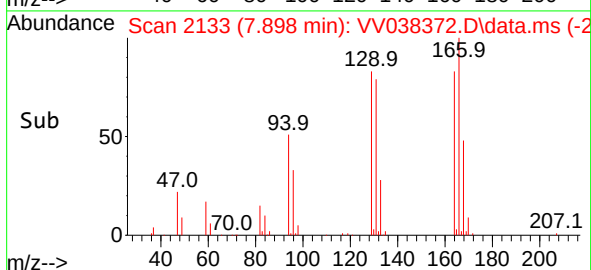
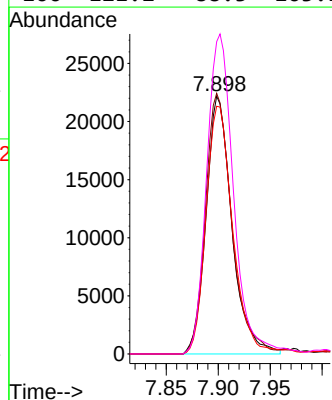
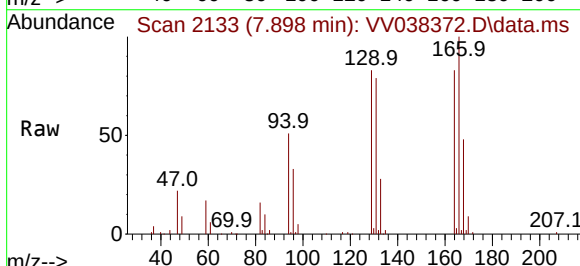
Ion Ratio Lower Upper

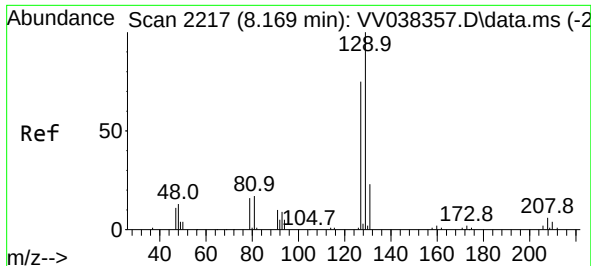
164 100

129 101.2 68.5 127.1

131 96.1 64.8 120.4

166 121.2 88.3 163.9





#49

Dibromochloromethane

Concen: 2.866 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

Instrument :

MSVOA_V

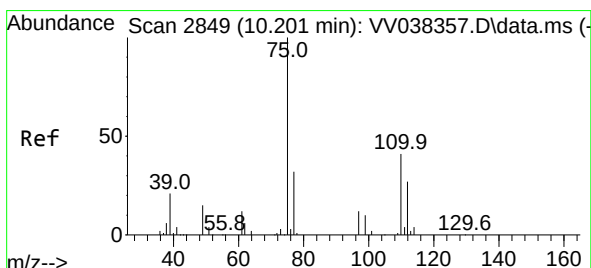
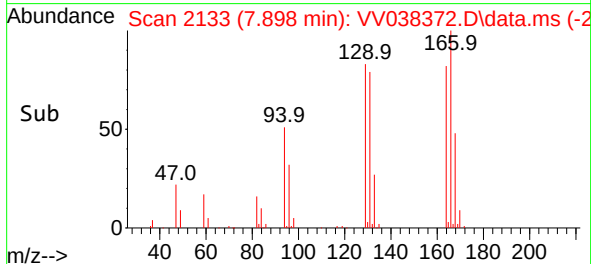
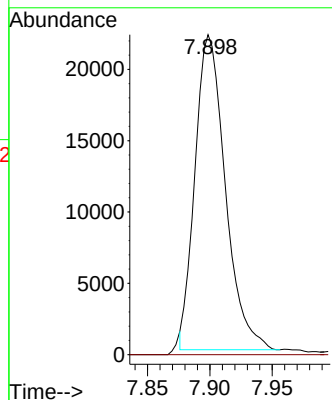
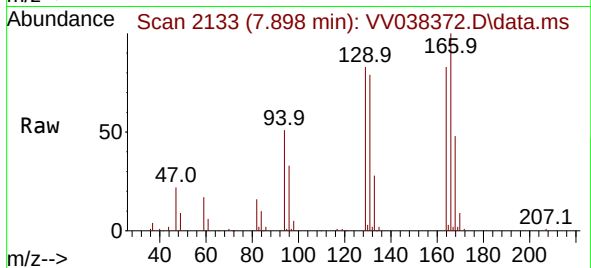
ClientSampleId :

Tgt Ion:129 Resp: 37316

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.374 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.977 min

Lab File: VV038372.D

Acq: 26 Nov 2024 18:18

Tgt Ion: 75 Resp: 9457

Ion Ratio Lower Upper

75 100

77 36.7 26.4 39.6

110 1.6 32.3 48.5#

