

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038279.D
 Acq On : 22 Nov 2024 19:06
 Operator : SY/MD
 Sample : P4884-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 00:06:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

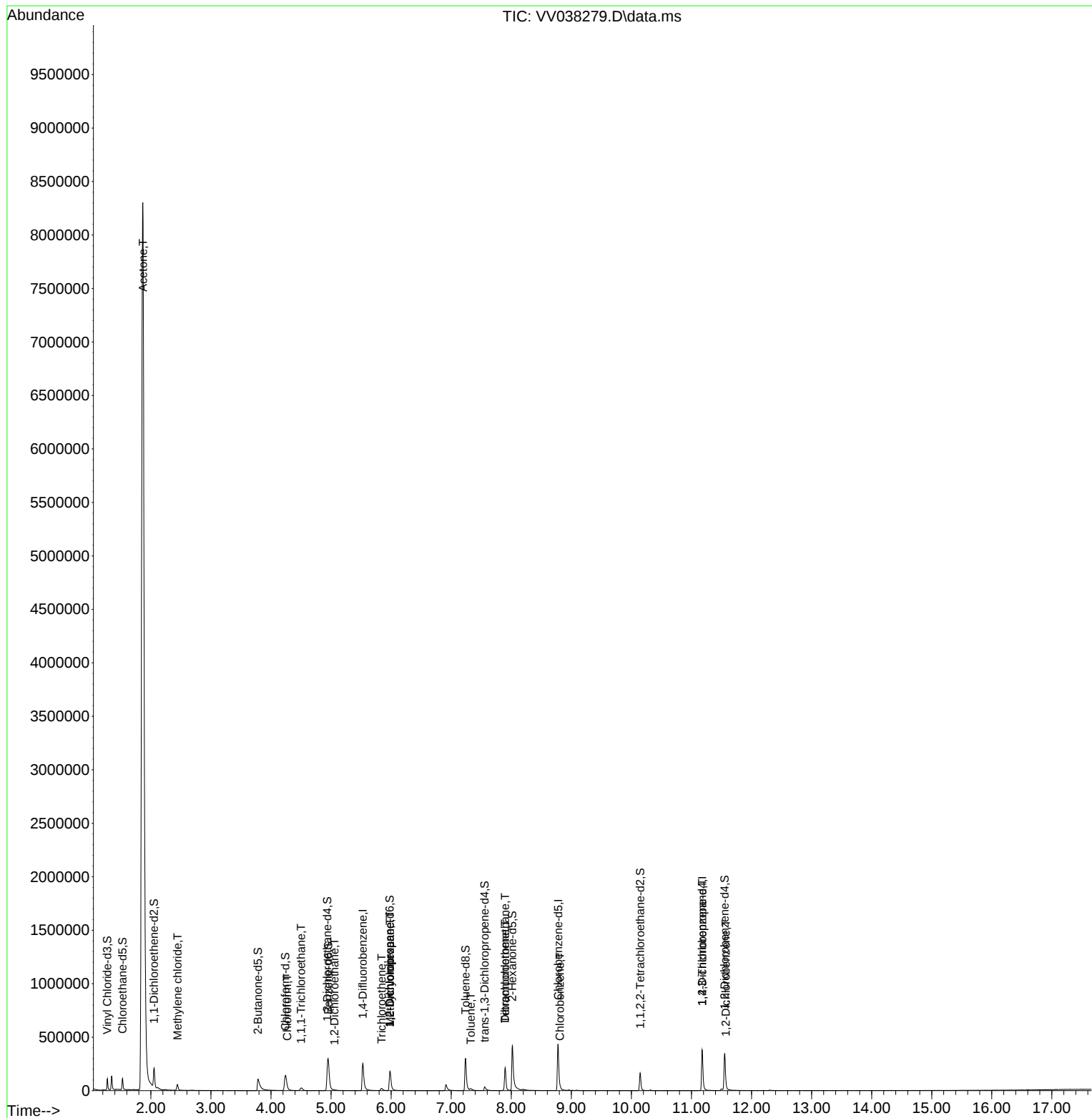
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	240051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	263903	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	107009	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66264	3.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.529	69	69579	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.053	65	30859	3.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.783	46	183047	49.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	4.240	84	164101	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.937	65	83273	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.953	84	286487	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.979	67	95284	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.240	98	221979	3.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	7.558	79	26534	3.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.018	63	148767	49.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83163	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.555	152	98997	5.430	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
13) Acetone	1.867	43	2861245	1051.055	ug/L	41
16) Methylene chloride	2.442	84	24122	1.234	ug/L	98
25) Chloroform	4.272	83	7249	0.207	ug/L	96
27) 1,2-Dichloroethane	5.056	62	3245	0.170	ug/L #	72
29) 1,1,1-Trichloroethane	4.503	97	22607	0.714	ug/L	98
34) Trichloroethene	5.844	95	8828	0.437	ug/L	92
35) Methylcyclohexane	5.982	83	24356	0.852	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	10586	0.570	ug/L #	86
42) Toluene	7.326	91	15599	0.199	ug/L	99
47) Tetrachloroethene	7.899	164	52135	3.211	ug/L	95
49) Dibromochloromethane	7.899	129	47884	2.917	ug/L #	11
51) Chlorobenzene	8.812	112	11872	0.219	ug/L	96
61) 1,2,3-Trichloropropane	11.178	75	12304	1.343	ug/L #	64
67) 1,2-Dichlorobenzene	11.574	146	4860	0.159	ug/L	91

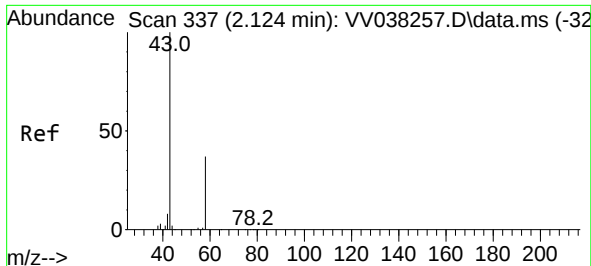
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1051.055 ug/L

RT: 1.867 min Scan# 21

Delta R.T. -0.257 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Instrument :

MSVOA_V

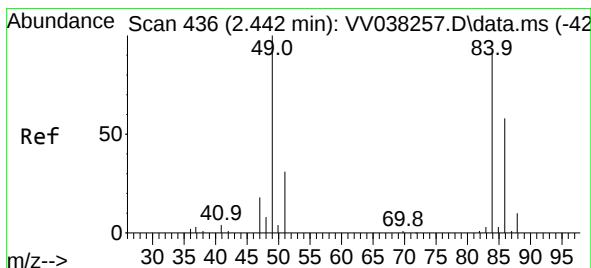
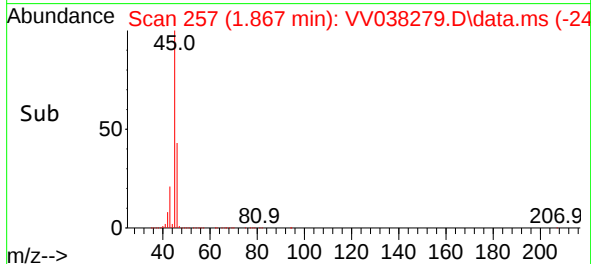
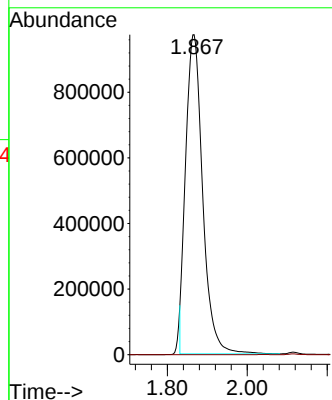
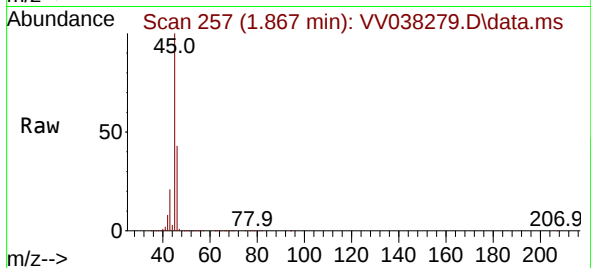
ClientSampleId :

Tgt Ion: 43 Resp: 2861245

Ion Ratio Lower Upper

43 100

58 0.0 0.0 67.2



#16

Methylene chloride

Concen: 1.234 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

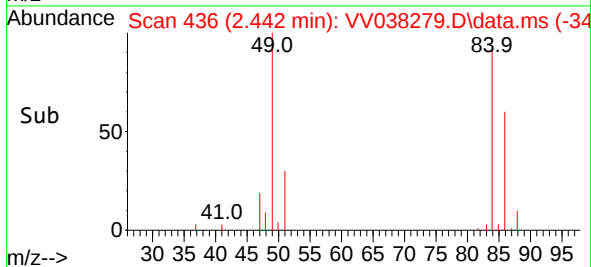
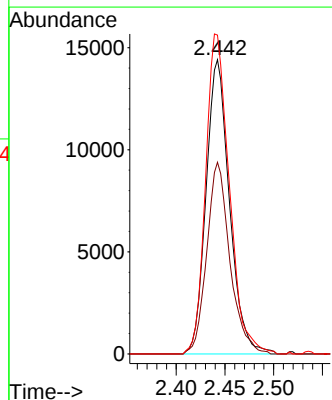
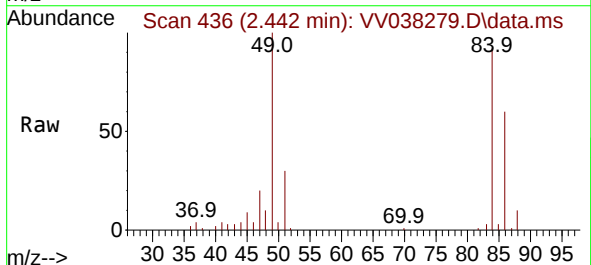
Tgt Ion: 84 Resp: 24122

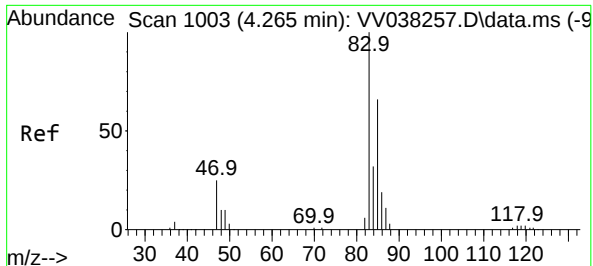
Ion Ratio Lower Upper

84 100

86 65.2 44.2 82.2

49 108.4 74.9 139.1





#25

Chloroform

Concen: 0.207 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Instrument :

MSVOA_V

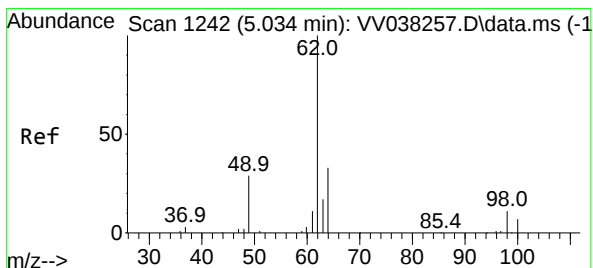
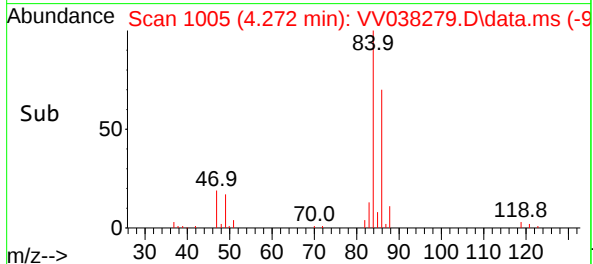
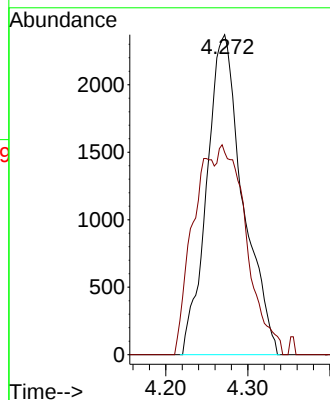
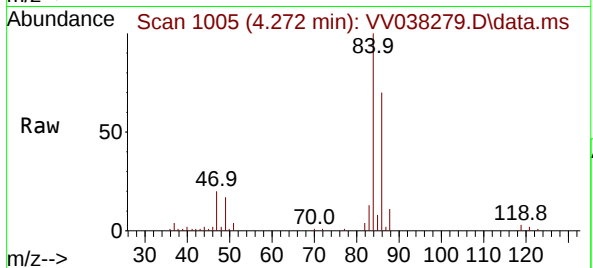
ClientSampleId :

Tgt Ion: 83 Resp: 7249

Ion Ratio Lower Upper

83 100

85 63.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.170 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.022 min

Lab File: VV038279.D

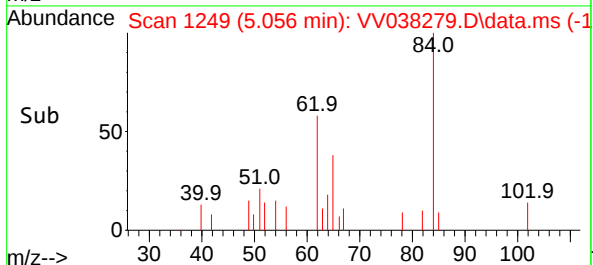
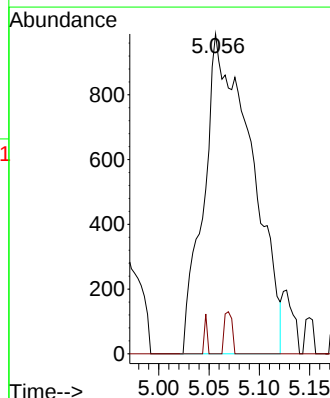
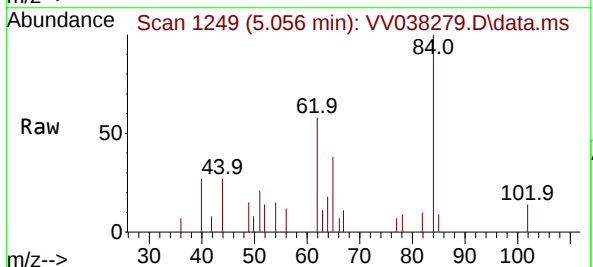
Acq: 22 Nov 2024 19:06

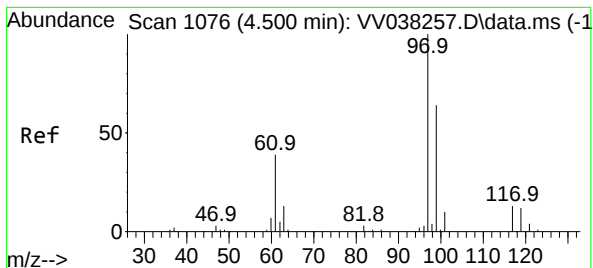
Tgt Ion: 62 Resp: 3245

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#29

1,1,1-Trichloroethane

Concen: 0.714 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Instrument :

MSVOA_V

ClientSampleId :

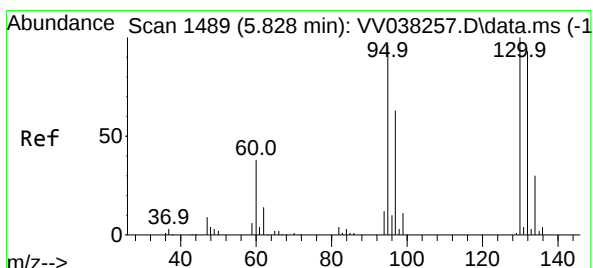
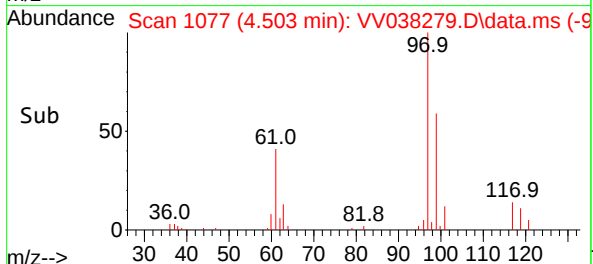
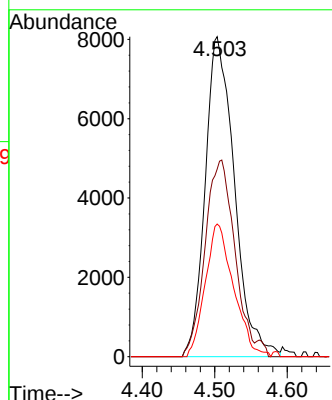
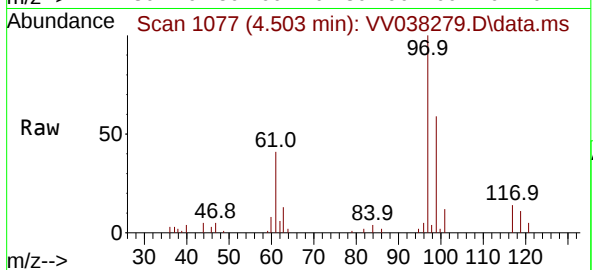
Tgt Ion: 97 Resp: 22607

Ion Ratio Lower Upper

97 100

99 61.9 51.8 77.8

61 40.2 32.2 48.2



#34

Trichloroethene

Concen: 0.437 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.016 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Tgt Ion: 95 Resp: 8828

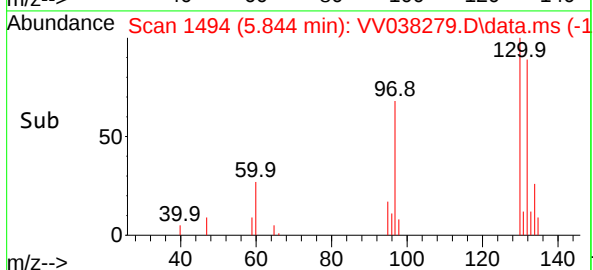
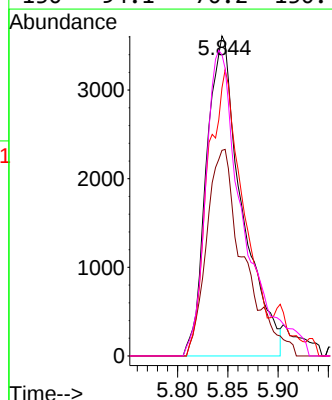
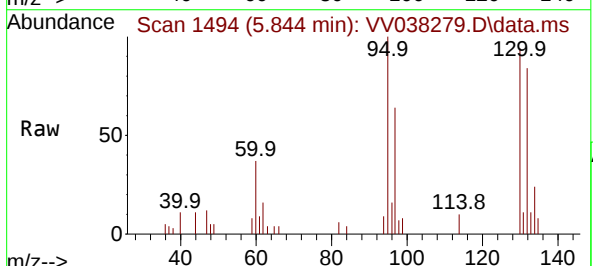
Ion Ratio Lower Upper

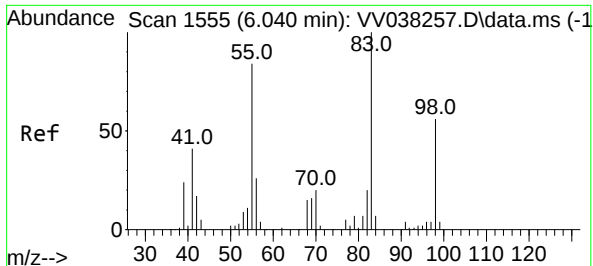
95 100

97 64.3 44.8 83.2

132 83.7 68.3 126.8

130 94.1 70.2 130.4

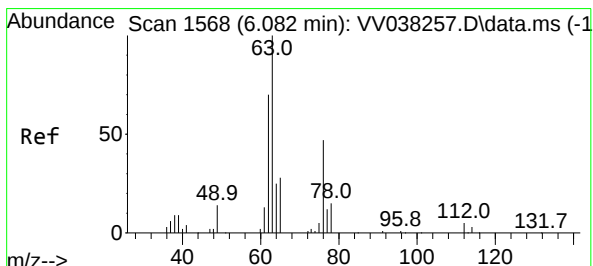
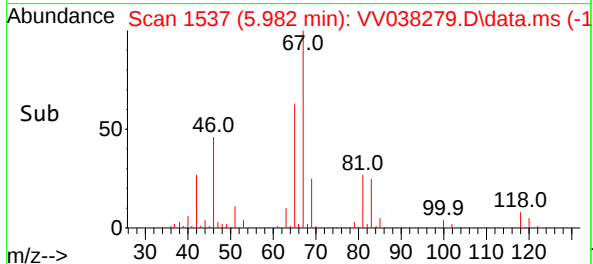
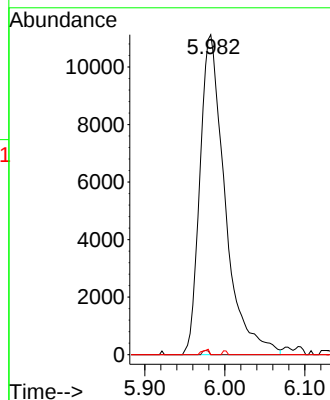
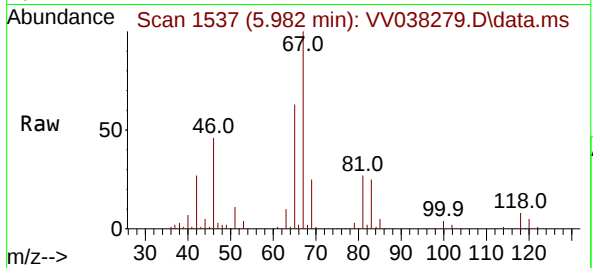




#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038279.D
Acq: 22 Nov 2024 19:06

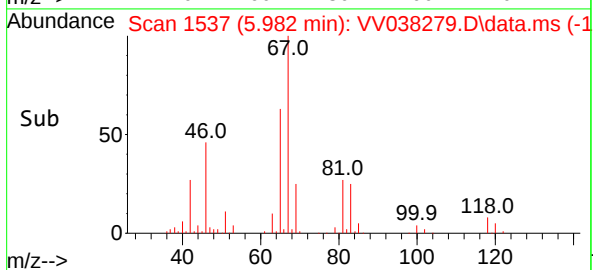
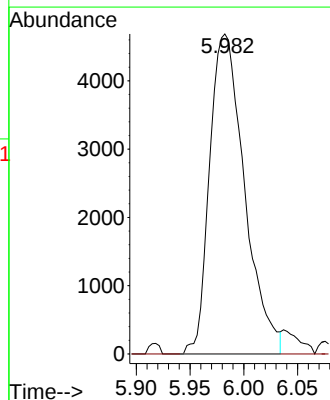
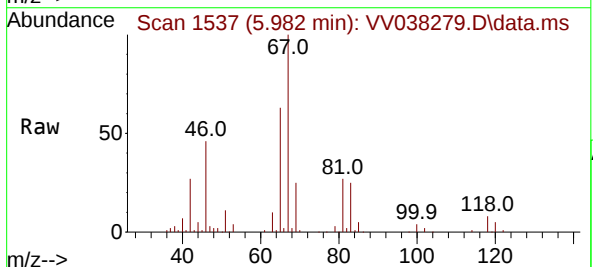
Instrument :
MSVOA_V
ClientSampleId :

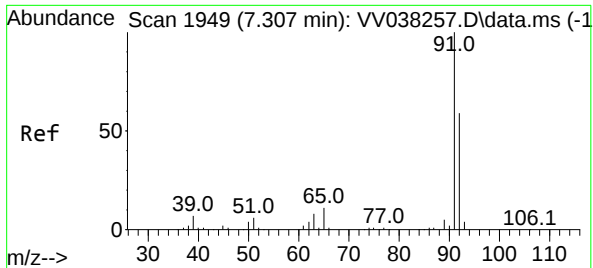
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	0.5	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.100 min
Lab File: VV038279.D
Acq: 22 Nov 2024 19:06

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.9	5.9#





#42

Toluene

Concen: 0.199 ug/L

RT: 7.326 min Scan# 1949

Delta R.T. 0.019 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Instrument :

MSVOA_V

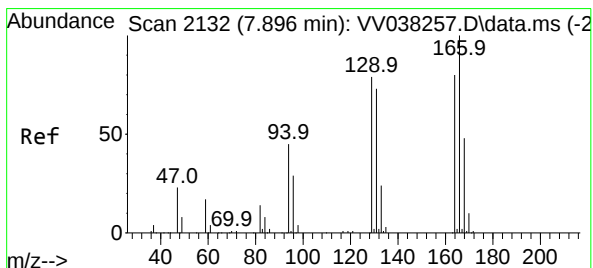
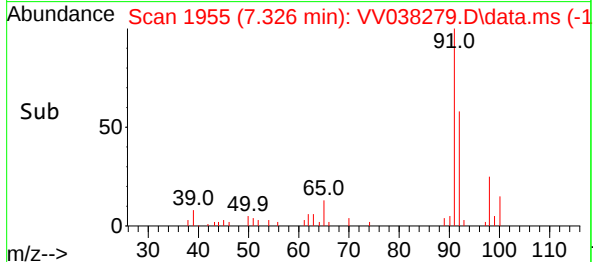
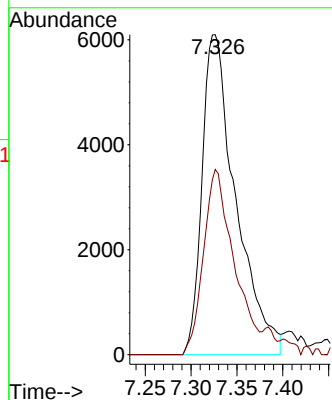
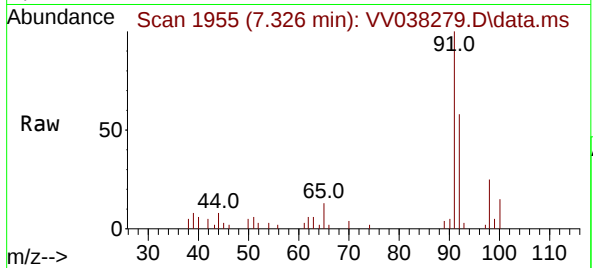
ClientSampleId :

Tgt Ion: 91 Resp: 15599

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#47

Tetrachloroethene

Concen: 3.211 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Tgt Ion:164 Resp: 52135

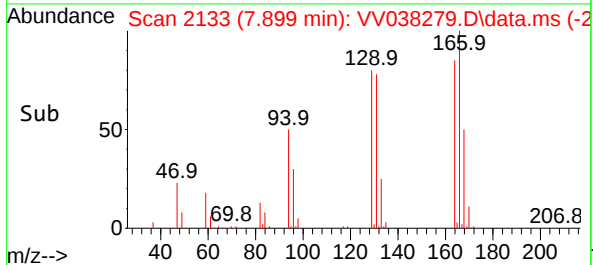
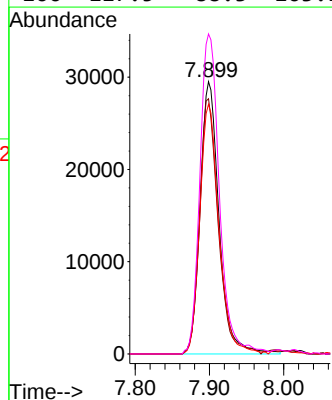
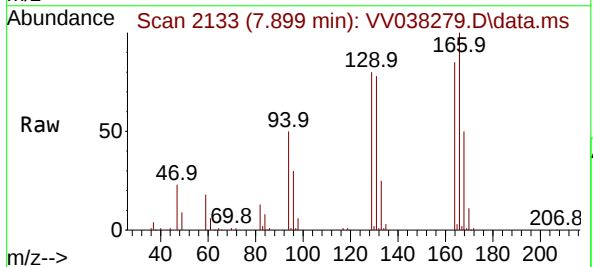
Ion Ratio Lower Upper

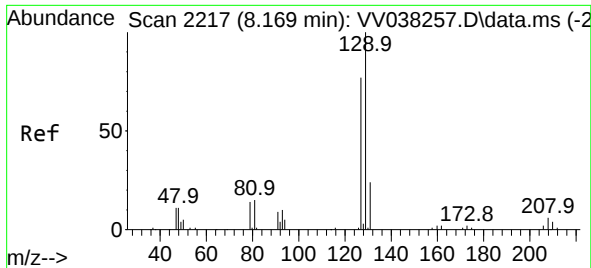
164 100

129 93.7 68.5 127.1

131 91.7 64.8 120.4

166 117.5 88.3 163.9

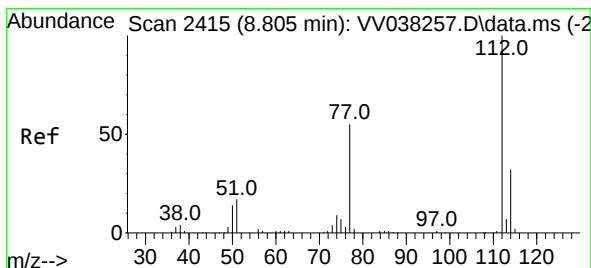
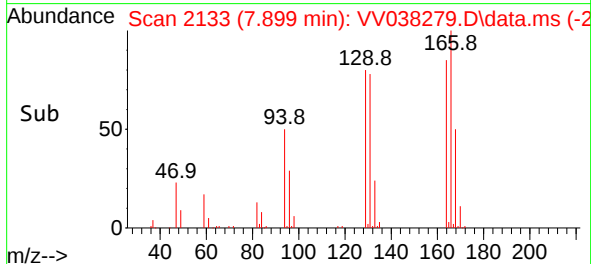
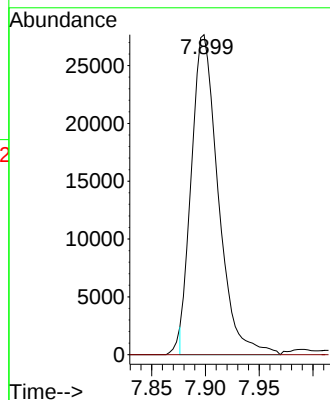
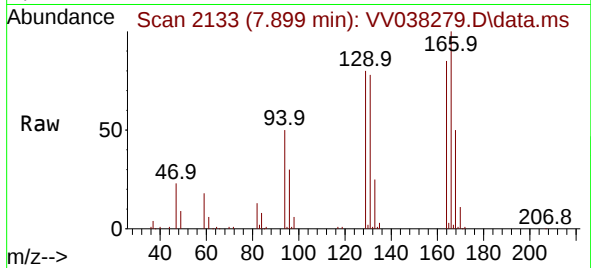




#49
Dibromochloromethane
Concen: 2.917 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038279.D
Acq: 22 Nov 2024 19:06

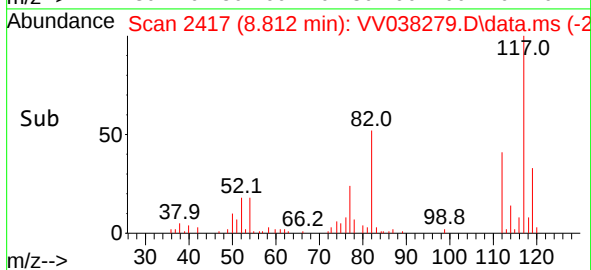
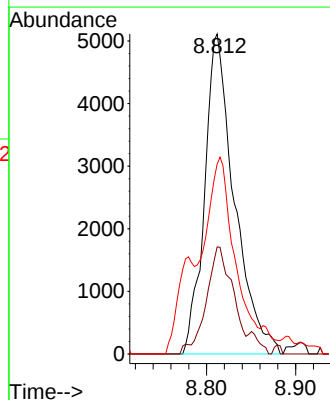
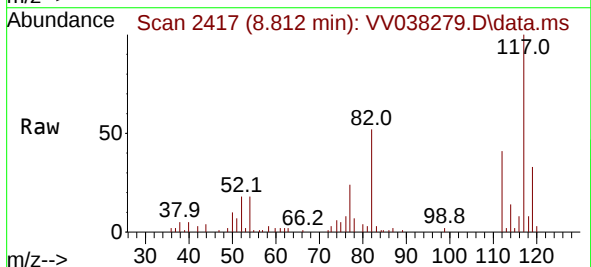
Instrument :
MSVOA_V
ClientSampleId :

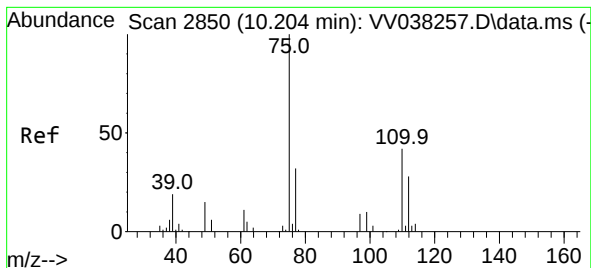
Tgt Ion:129 Resp: 47884
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#51
Chlorobenzene
Concen: 0.219 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038279.D
Acq: 22 Nov 2024 19:06

Tgt Ion:112 Resp: 11872
Ion Ratio Lower Upper
112 100
114 33.5 22.0 40.8
77 59.4 45.0 67.4





#61

1,2,3-Trichloropropane

Concen: 1.343 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Instrument :

MSVOA_V

ClientSampleId :

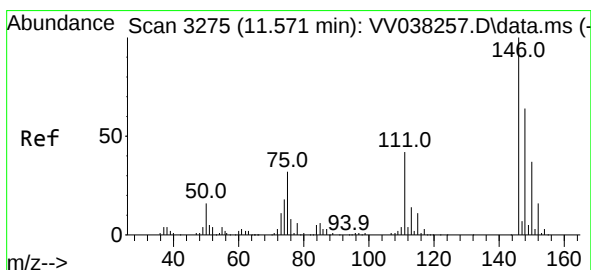
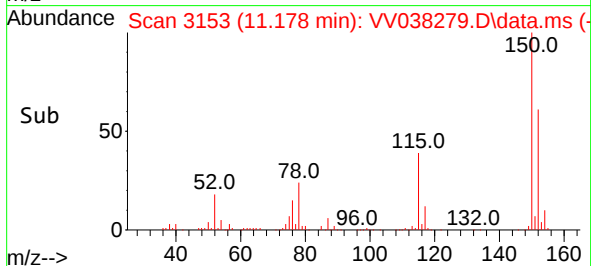
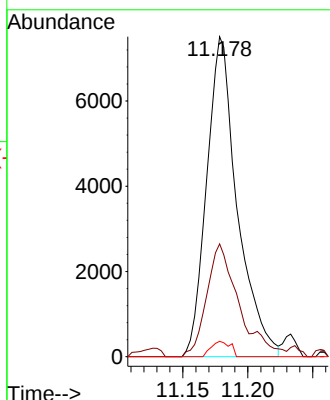
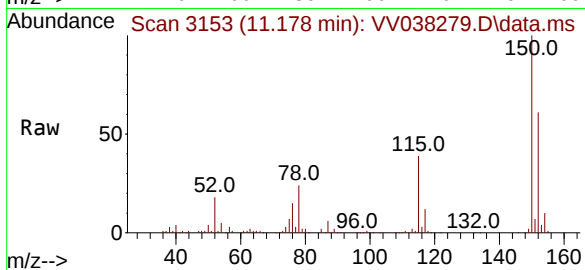
Tgt Ion: 75 Resp: 12304

Ion Ratio Lower Upper

75 100

77 37.0 26.4 39.6

110 3.0 32.3 48.5#



#67

1,2-Dichlorobenzene

Concen: 0.159 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Tgt Ion:146 Resp: 4860

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.2

148 52.2 51.0 76.4

