

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041124\
 Data File : VV035131.D
 Acq On : 11 Apr 2024 18:09
 Operator : SY/MD
 Sample : P2056-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 01:22:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 01:20:53 2024
 Response via : Initial Calibration

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

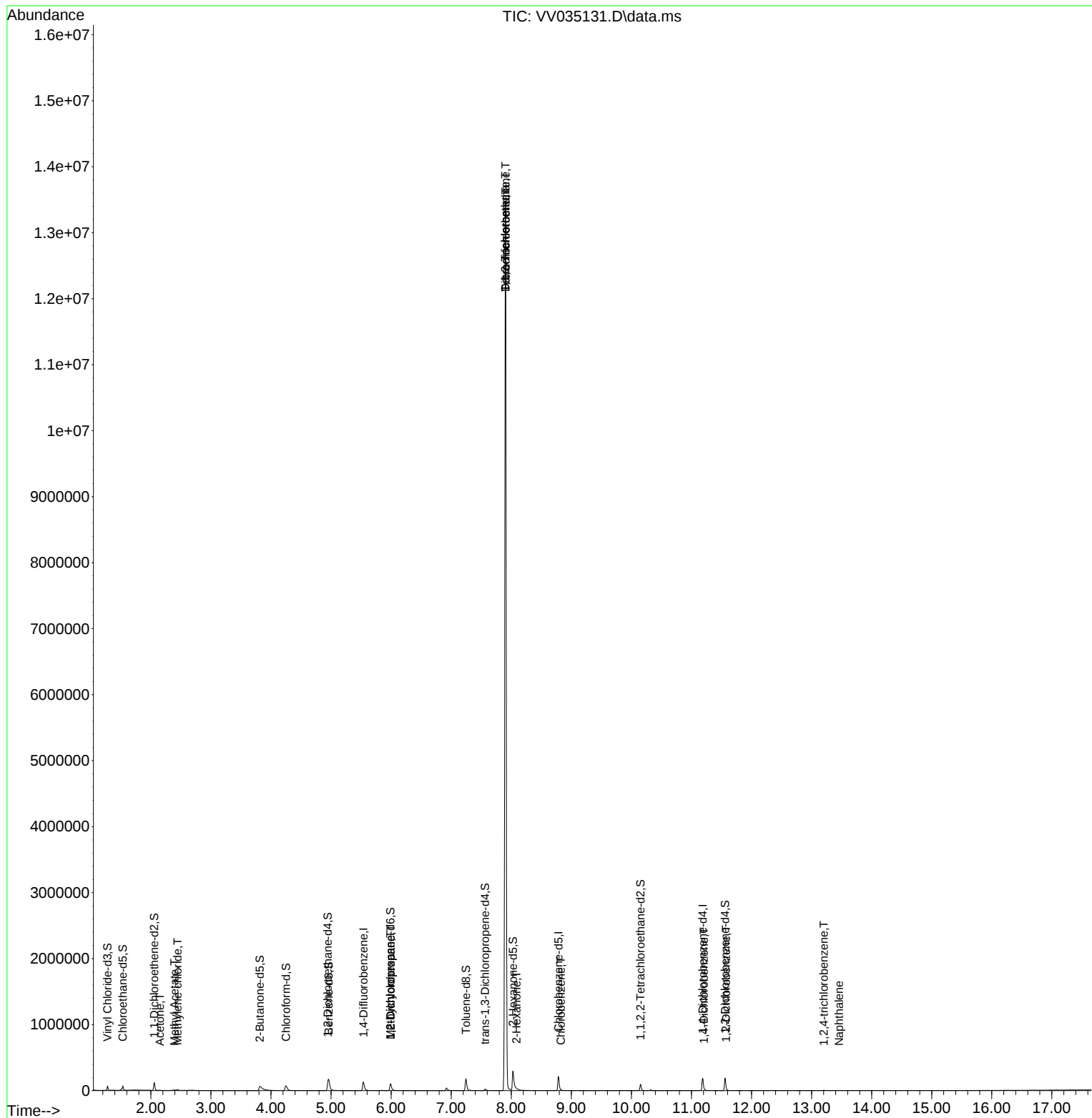
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	116230	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	118987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40697	4.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.532	69	39272	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.057	65	19822	4.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.812	46	142766	95.256	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	190.520%#
24) Chloroform-d	4.249	84	80348	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	4.947	65	46528	6.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	133.000%#
32) Benzene-d6	4.960	84	157373	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	5.989	67	52880	5.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.800%
41) Toluene-d8	7.246	98	126195	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.564	79	17494	5.391	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.800%
46) 2-Hexanone-d5	8.027	63	105049	94.317	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	188.640%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	47636	7.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	149.400%#
66) 1,2-Dichlorobenzene-d4	11.561	152	48945	6.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.800%#
Target Compounds						Qvalue
13) Acetone	2.150	43	5502	5.032	ug/L	96
15) Methyl Acetate	2.391	43	12788	4.238	ug/L #	89
16) Methylene chloride	2.446	84	3871	0.400	ug/L	89
35) Methylcyclohexane	5.989	83	12401	0.858	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	5873	0.622	ug/L #	87
45) 1,1,2-Trichloroethane	7.902	97	24773	3.992	ug/L #	1
47) Tetrachloroethene	7.905	164	2854555	400.307	ug/L	97
48) 2-Hexanone	8.088	43	15780	4.905	ug/L #	84
49) Dibromochloromethane	7.905	129	2626151	359.510	ug/L #	9
51) Chlorobenzene	8.825	112	3129	0.126	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	4586	0.279	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	2485	0.164	ug/L	93
70) 1,2,4-trichlorobenzene	13.204	180	2336	0.244	ug/L	93
71) Naphthalene	13.458	128	2009	0.149	ug/L #	88

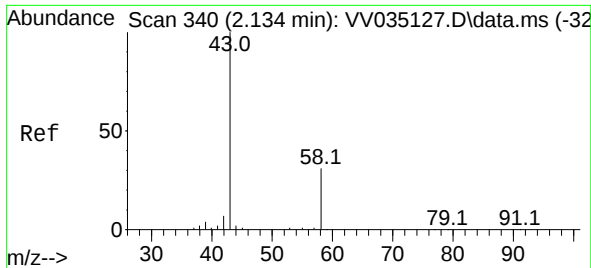
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 01:20:53 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.032 ug/L

RT: 2.150 min Scan# 340

Delta R.T. 0.016 min

Lab File: VV035131.D

Acq: 11 Apr 2024 18:09

Instrument :

MSVOA_V

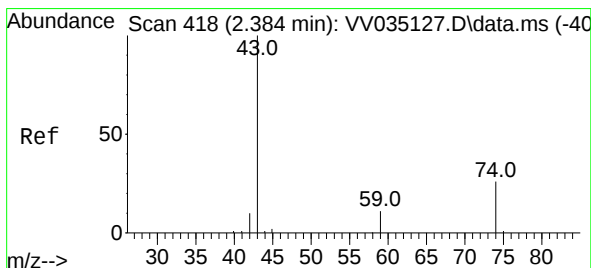
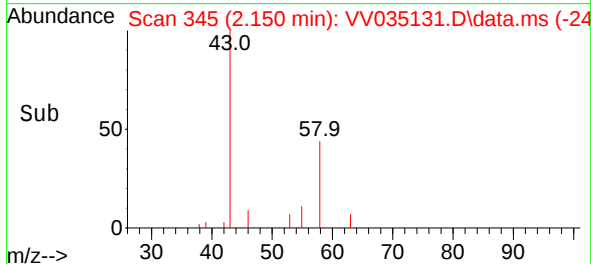
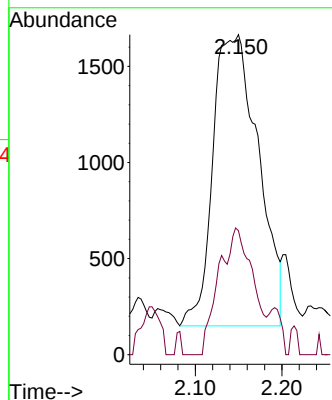
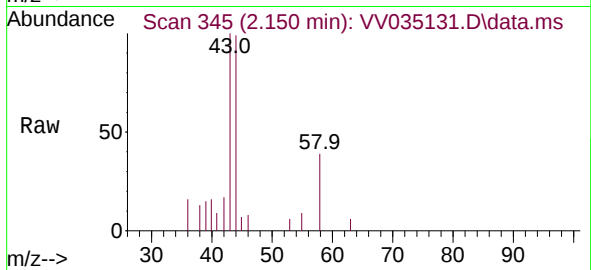
ClientSampleId :

Tgt Ion: 43 Resp: 5502

Ion Ratio Lower Upper

43 100

58 22.1 0.0 40.8



#15

Methyl Acetate

Concen: 4.238 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.006 min

Lab File: VV035131.D

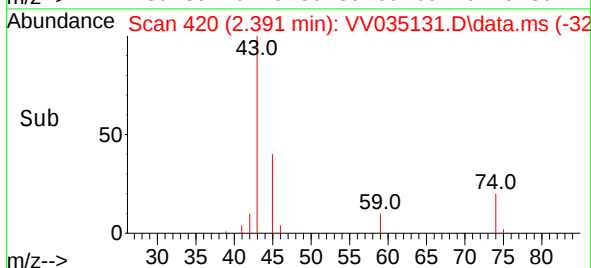
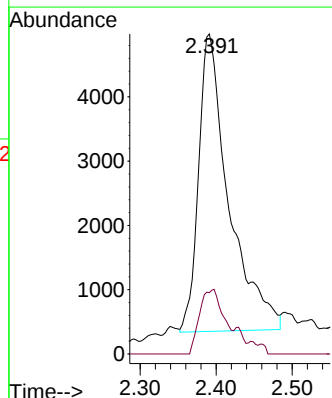
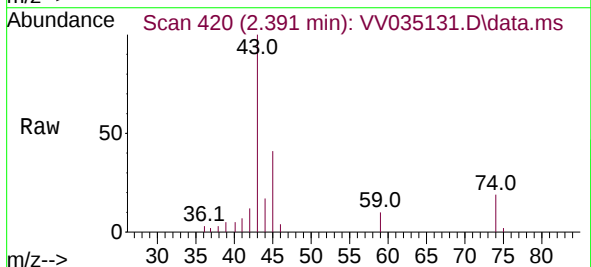
Acq: 11 Apr 2024 18:09

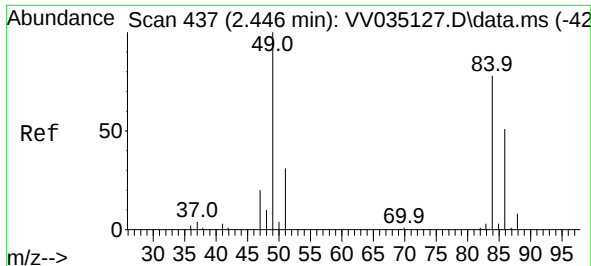
Tgt Ion: 43 Resp: 12788

Ion Ratio Lower Upper

43 100

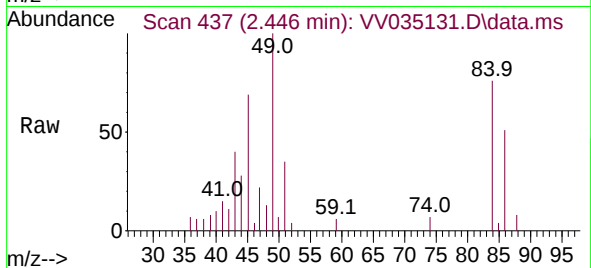
74 17.6 18.5 27.7#



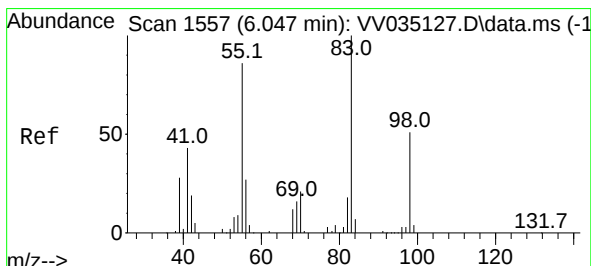
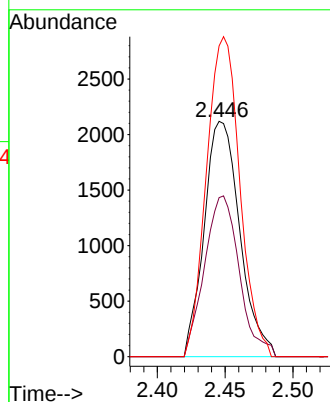
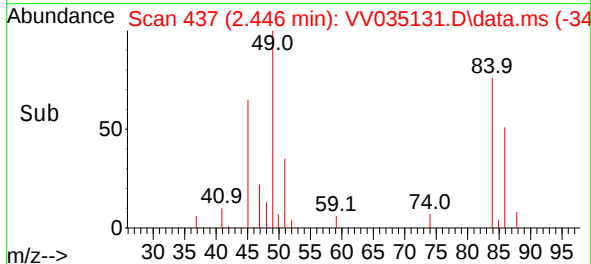


#16
Methylene chloride
Concen: 0.400 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035131.D
Acq: 11 Apr 2024 18:09

Instrument :
MSVOA_V
ClientSampleId :

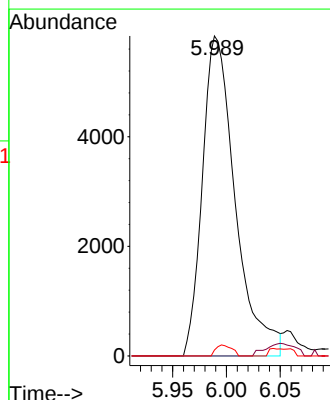
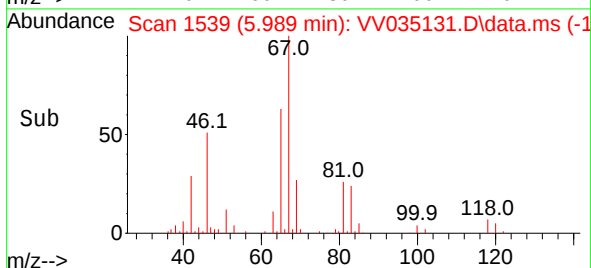
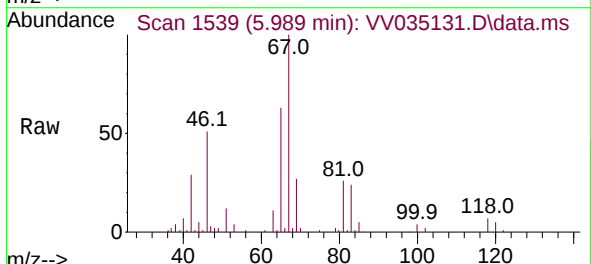


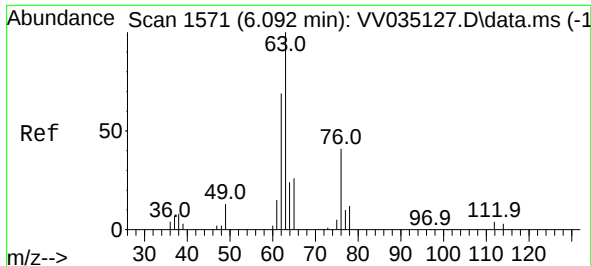
Tgt Ion: 84 Resp: 3871
Ion Ratio Lower Upper
84 100
86 67.6 43.5 80.9
49 132.0 82.5 153.3



#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV035131.D
Acq: 11 Apr 2024 18:09

Tgt Ion: 83 Resp: 12401
Ion Ratio Lower Upper
83 100
55 0.0 60.6 91.0#
98 1.7 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV035131.D

Acq: 11 Apr 2024 18:09

Instrument :

MSVOA_V

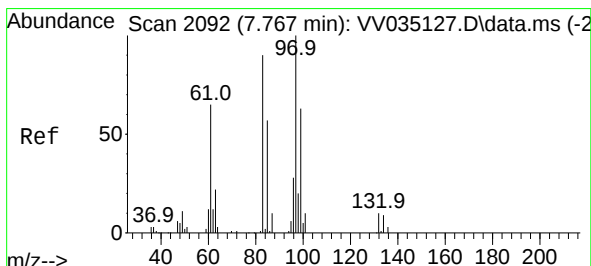
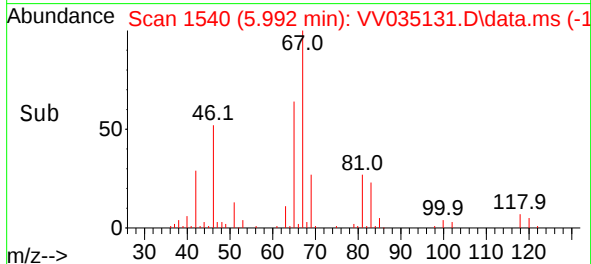
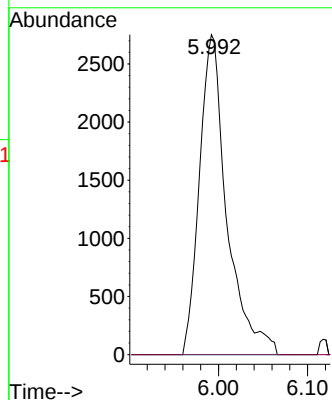
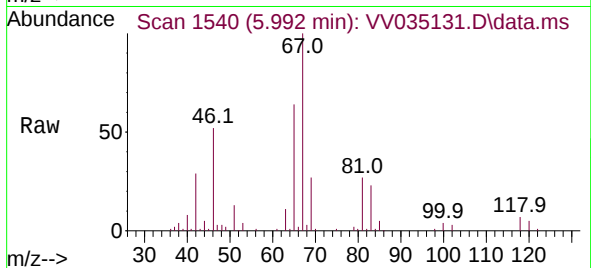
ClientSampleId :

Tgt Ion: 63 Resp: 5873

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#45

1,1,2-Trichloroethane

Concen: 3.992 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.135 min

Lab File: VV035131.D

Acq: 11 Apr 2024 18:09

Tgt Ion: 97 Resp: 24773

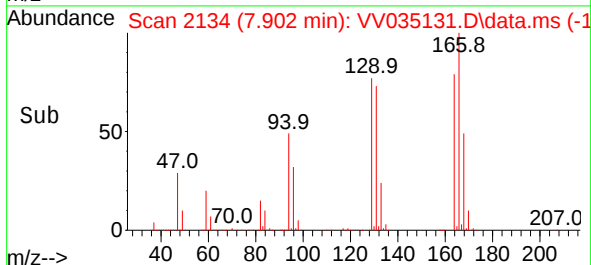
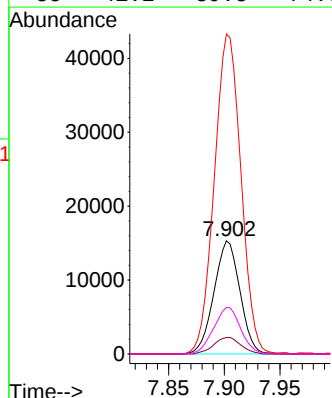
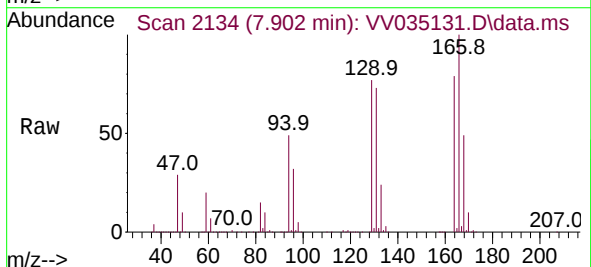
Ion Ratio Lower Upper

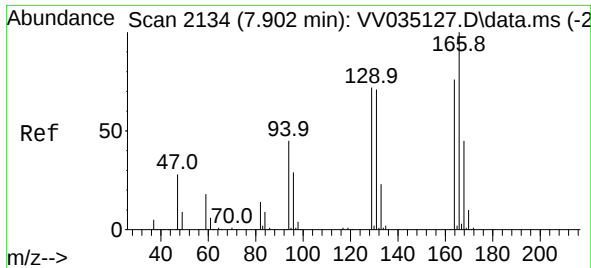
97 100

99 14.6 44.5 82.7#

83 283.0 63.2 117.4#

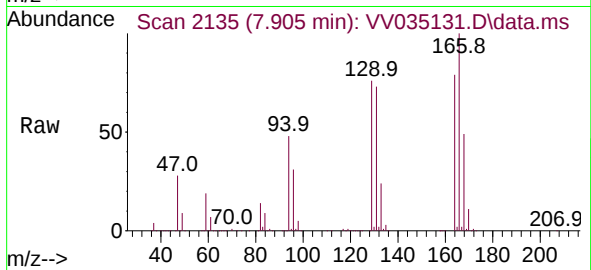
85 41.2 39.8 74.0



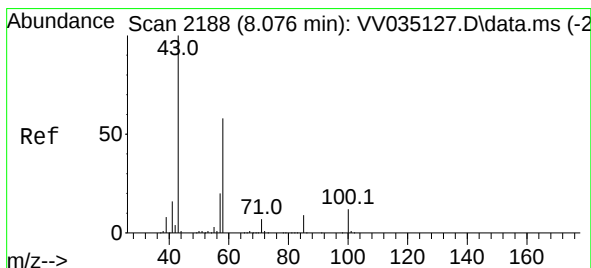
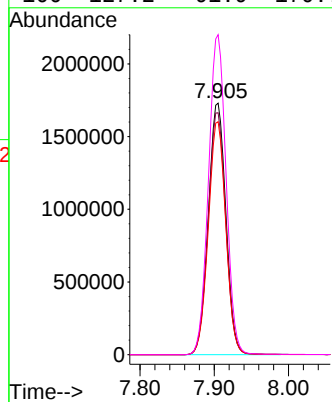
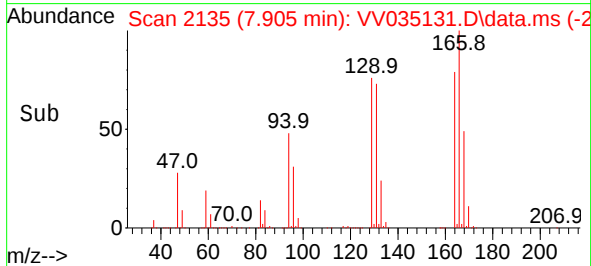


#47
Tetrachloroethene
Concen: 400.307 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035131.D
Acq: 11 Apr 2024 18:09

Instrument :
MSVOA_V
ClientSampleId :

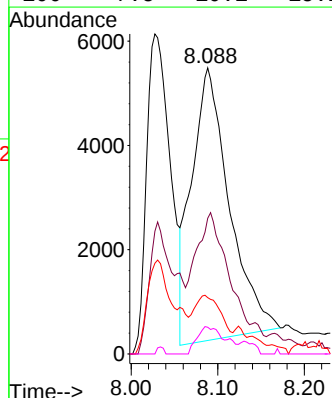
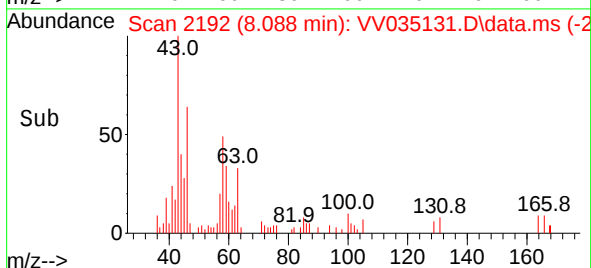
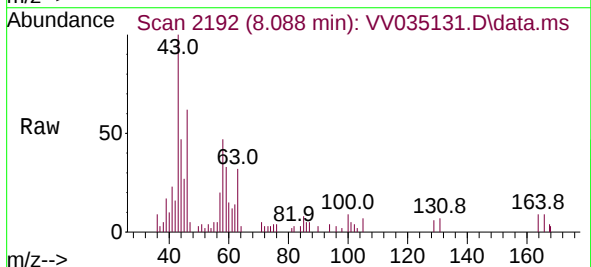


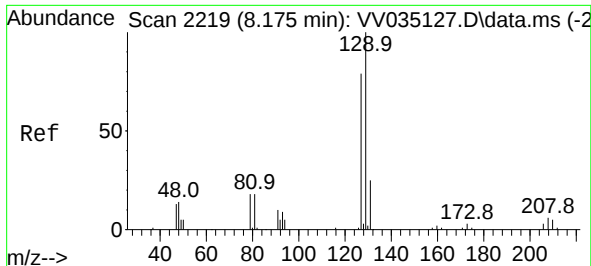
Tgt Ion:164 Resp: 2854555
Ion Ratio Lower Upper
164 100
129 96.2 66.0 122.6
131 92.6 63.0 117.0
166 127.2 91.9 170.7



#48
2-Hexanone
Concen: 4.905 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VV035131.D
Acq: 11 Apr 2024 18:09

Tgt Ion: 43 Resp: 15780
Ion Ratio Lower Upper
43 100
58 45.8 48.2 72.4#
57 16.6 15.6 23.4
100 7.5 10.1 15.1#





#49

Dibromochloromethane

Concen: 359.510 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV035131.D

Acq: 11 Apr 2024 18:09

Instrument :

MSVOA_V

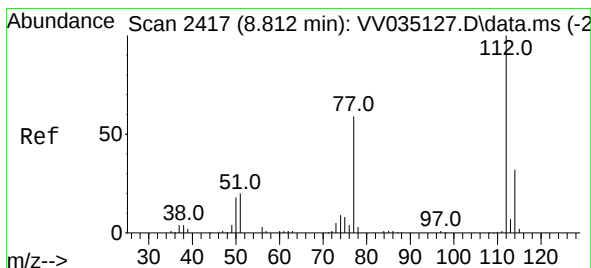
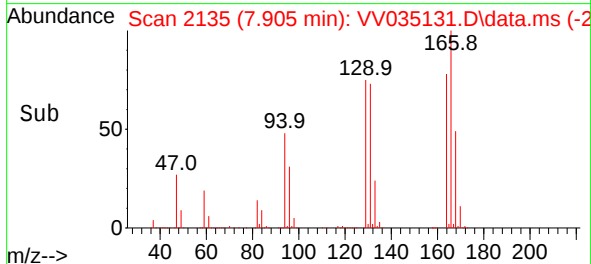
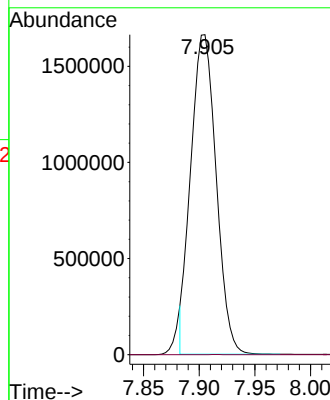
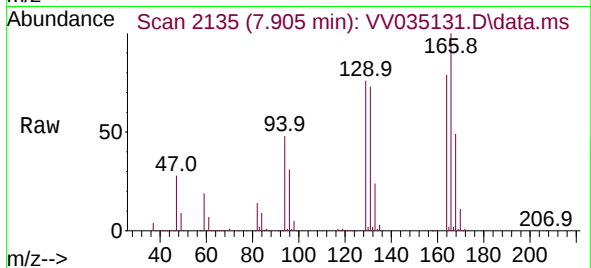
ClientSampleId :

Tgt Ion:129 Resp: 2626151

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#51

Chlorobenzene

Concen: 0.126 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.013 min

Lab File: VV035131.D

Acq: 11 Apr 2024 18:09

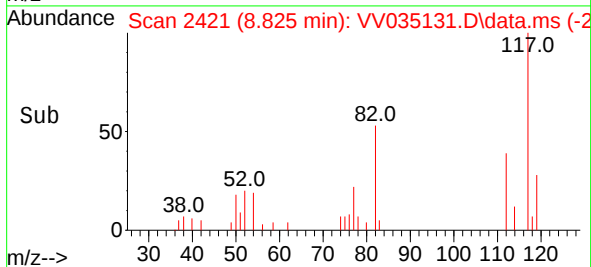
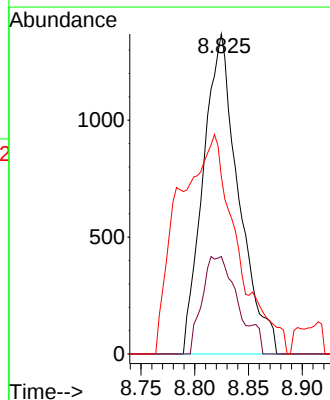
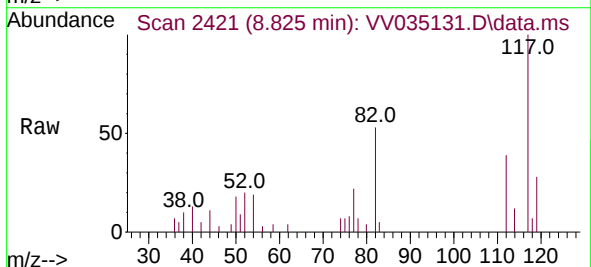
Tgt Ion:112 Resp: 3129

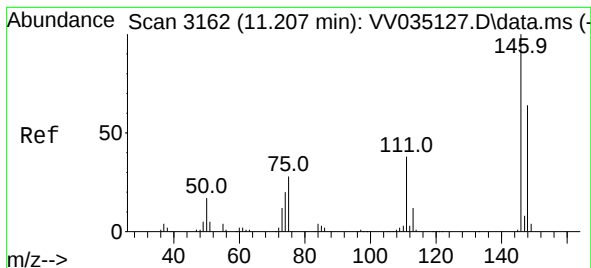
Ion Ratio Lower Upper

112 100

114 30.5 21.9 40.7

77 55.5 47.4 71.2





#65

1,4-Dichlorobenzene

Concen: 0.279 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035131.D

Acq: 11 Apr 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

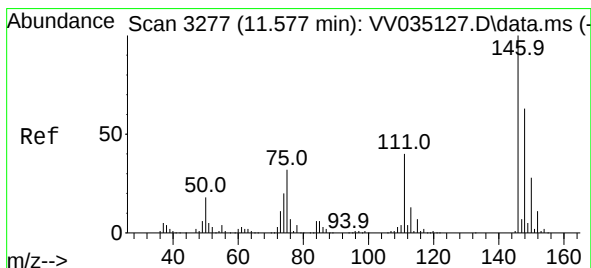
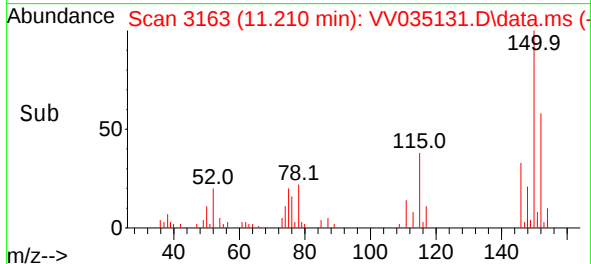
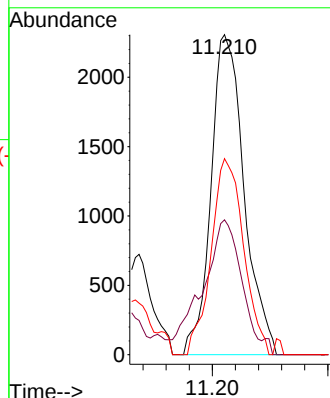
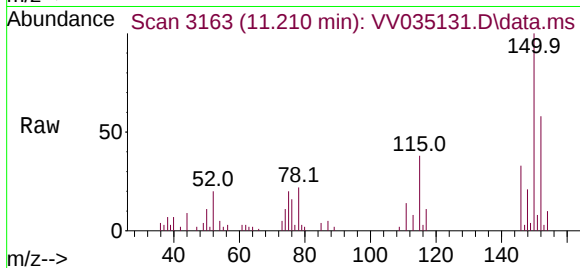
Tgt Ion:146 Resp: 4586

Ion Ratio Lower Upper

146 100

111 42.1 27.3 50.7

148 61.2 43.5 80.7



#67

1,2-Dichlorobenzene

Concen: 0.164 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035131.D

Acq: 11 Apr 2024 18:09

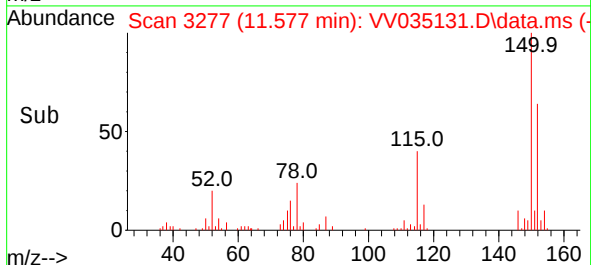
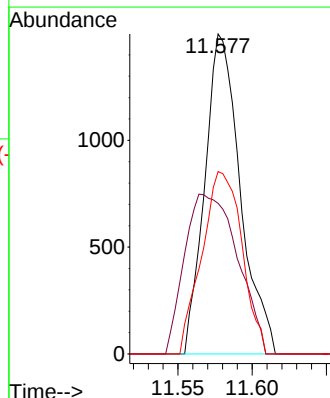
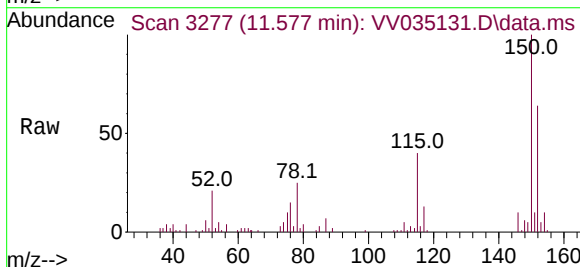
Tgt Ion:146 Resp: 2485

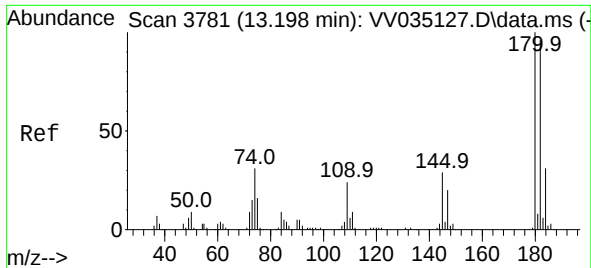
Ion Ratio Lower Upper

146 100

111 47.1 33.9 50.9

148 57.0 49.3 73.9





#70

1,2,4-trichlorobenzene

Concen: 0.244 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035131.D

Acq: 11 Apr 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :

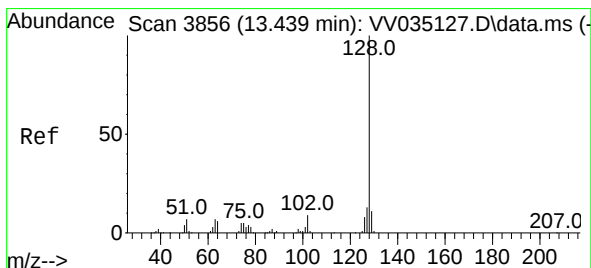
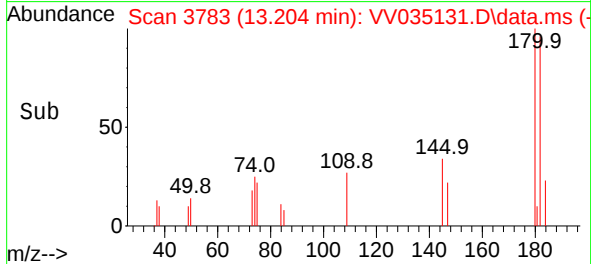
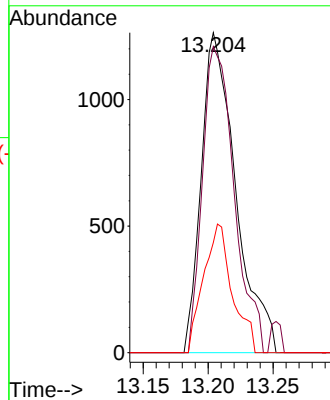
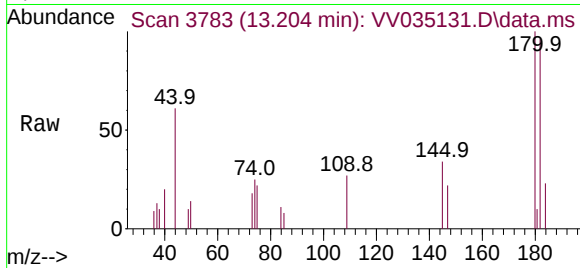
Tgt Ion:180 Resp: 2336

Ion Ratio Lower Upper

180 100

182 87.8 75.3 112.9

145 33.6 23.4 35.0



#71

Naphthalene

Concen: 0.149 ug/L

RT: 13.458 min Scan# 3862

Delta R.T. 0.019 min

Lab File: VV035131.D

Acq: 11 Apr 2024 18:09

Tgt Ion:128 Resp: 2009

Ion Ratio Lower Upper

128 100

129 9.6 8.6 12.8

127 5.6 10.7 16.1#

