

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034935.D
 Acq On : 02 Apr 2024 16:46
 Operator : SY/MD
 Sample : P1925-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 05:21:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

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

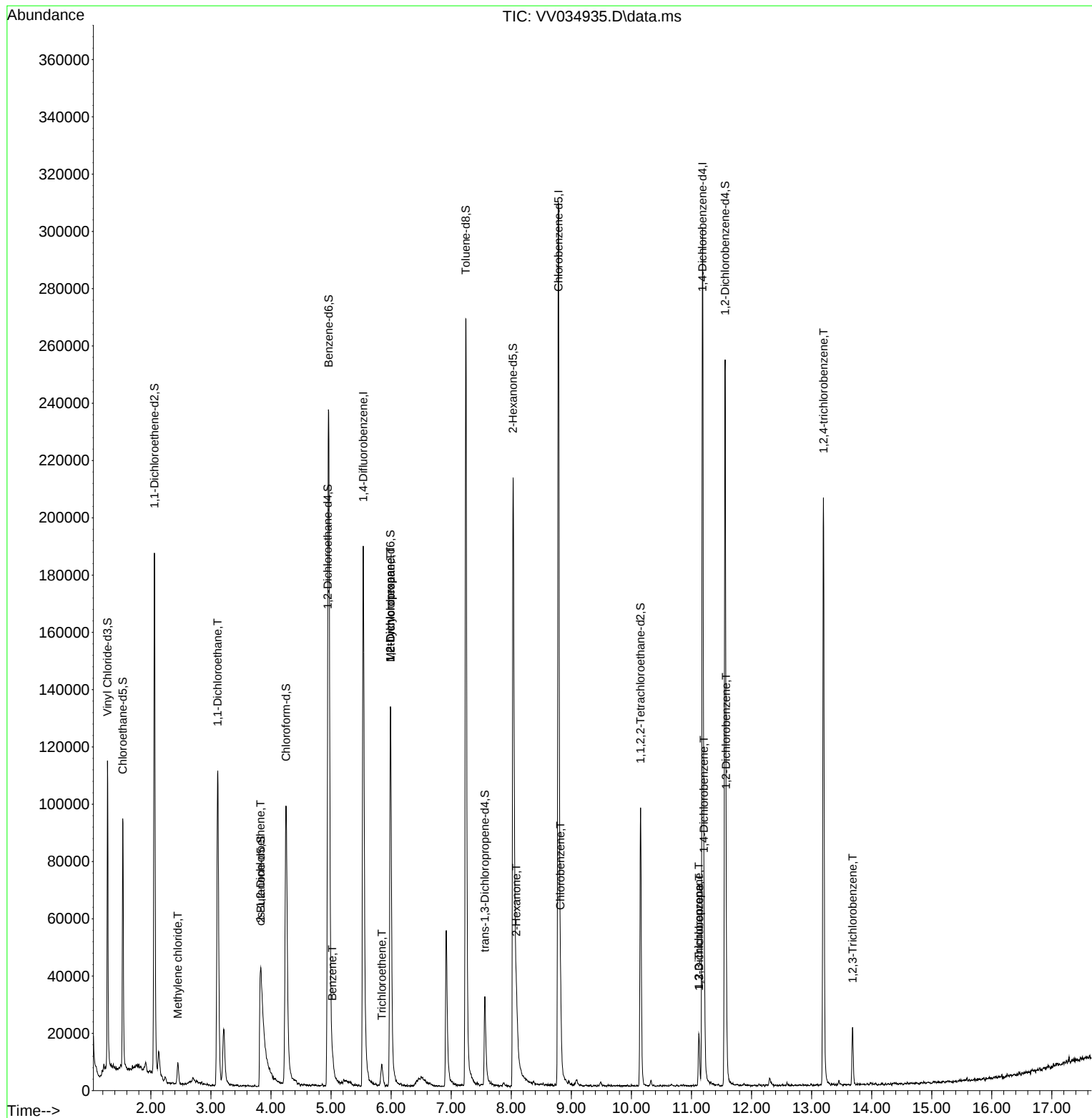
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	170247	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	168751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	77660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	66206	4.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.532	69	56766	4.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.060	65	31279	4.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	3.831	46	117218	53.395	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.800%
24) Chloroform-d	4.249	84	108364	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.944	65	53422	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.960	84	220636	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	5.989	67	69126	5.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.243	98	185235	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.561	79	21419	4.654	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.030	63	82631	52.311	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.620%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	49305	5.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	65181	5.328	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	3225	0.227	ug/L	96
19) 1,1-Dichloroethane	3.114	63	114648	4.536	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	1813	0.135	ug/L	90
33) Benzene	5.018	78	5028	0.097	ug/L	100
34) Trichloroethene	5.847	95	1853	0.138	ug/L	91
35) Methylcyclohexane	5.989	83	15739	0.768	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	7645	0.571	ug/L #	87
48) 2-Hexanone	8.085	43	13731	3.009	ug/L	93
51) Chlorobenzene	8.818	112	18174	0.518	ug/L	99
61) 1,2,3-Trichloropropane	11.124	75	2237	0.309	ug/L #	46
64) 1,3-Dichlorobenzene	11.127	146	7390	0.298	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	15770	0.636	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	6195	0.271	ug/L	95
70) 1,2,4-trichlorobenzene	13.197	180	61938	4.287	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	6678	0.526	ug/L	93

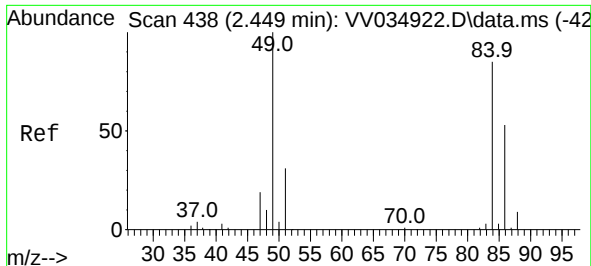
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 05:08:19 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.227 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

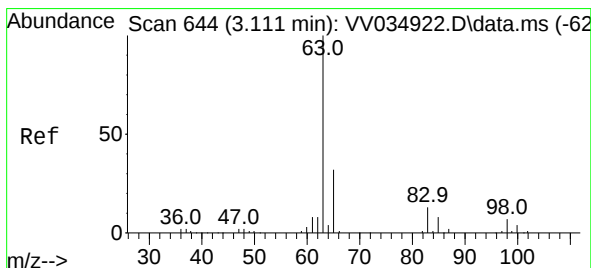
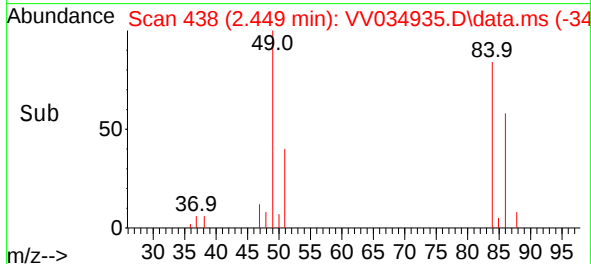
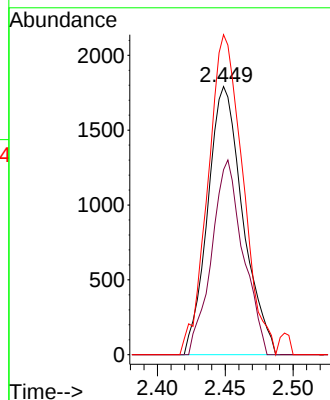
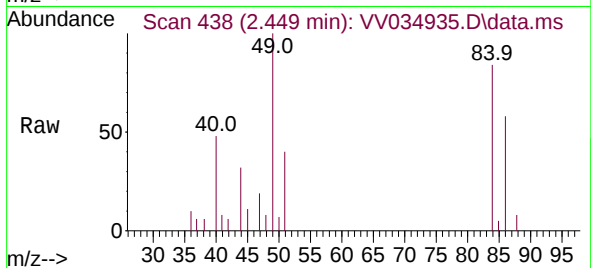
Tgt Ion: 84 Resp: 3225

Ion Ratio Lower Upper

84 100

86 69.0 43.5 80.9

49 119.3 82.5 153.3



#19

1,1-Dichloroethane

Concen: 4.536 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

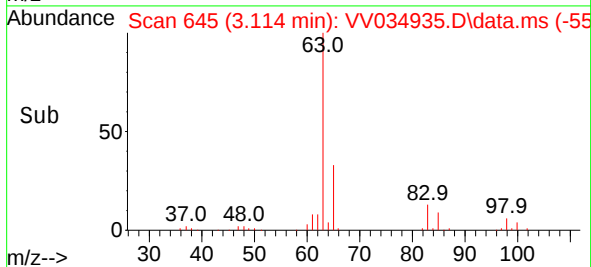
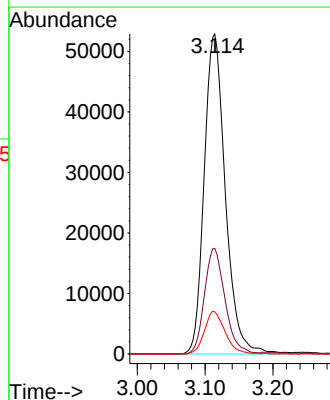
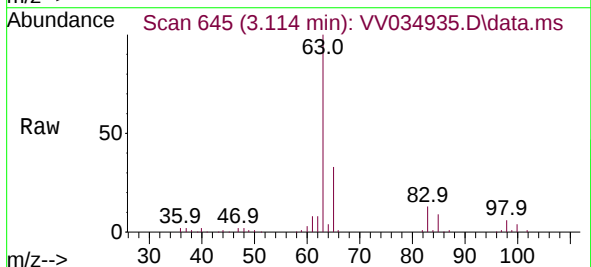
Tgt Ion: 63 Resp: 114648

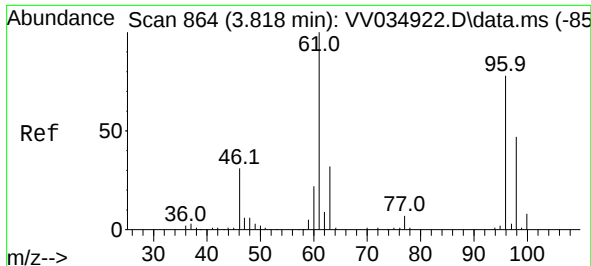
Ion Ratio Lower Upper

63 100

65 33.0 22.5 41.9

83 13.2 9.1 16.9

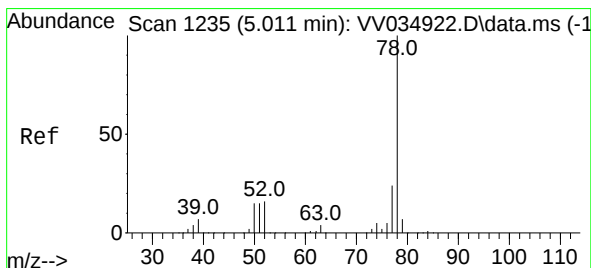
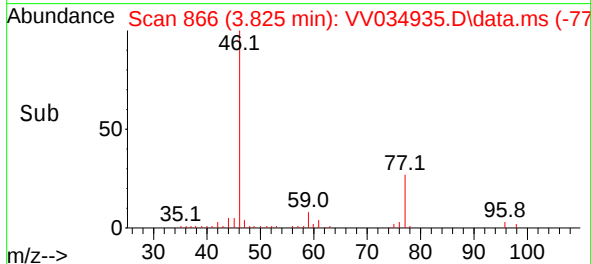
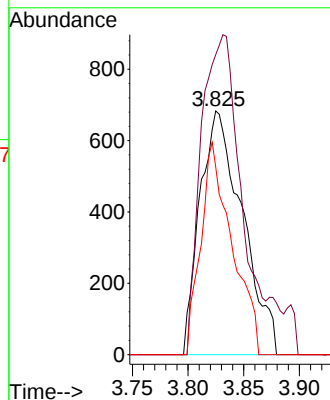
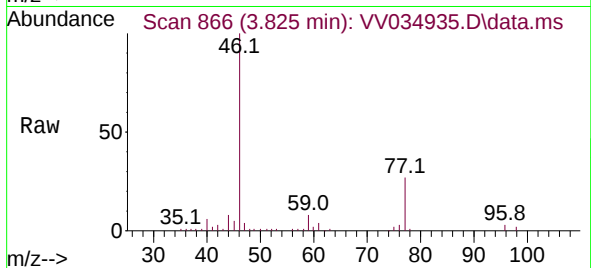




#22
cis-1,2-Dichloroethene
Concen: 0.135 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.006 min
Lab File: VV034935.D
Acq: 02 Apr 2024 16:46

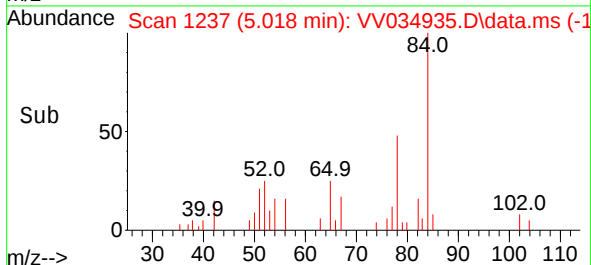
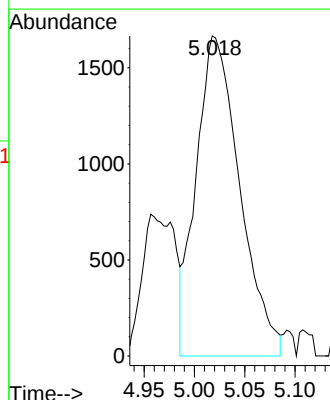
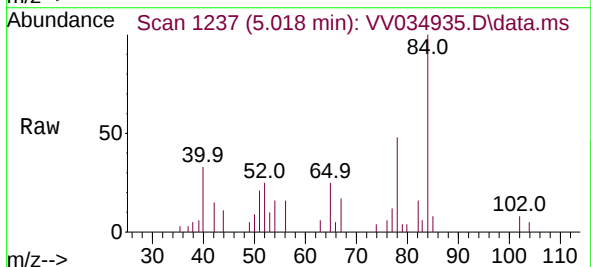
Instrument :
MSVOA_V
ClientSampleId :

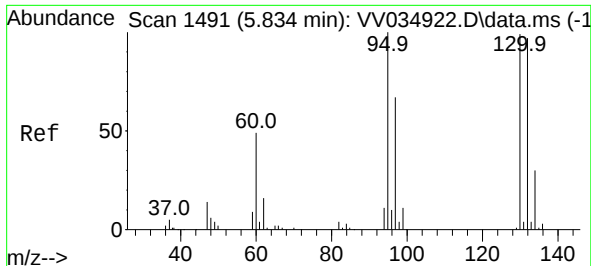
Tgt Ion: 96 Resp: 1813
Ion Ratio Lower Upper
96 100
61 123.1 90.3 167.7
98 77.0 42.7 79.3



#33
Benzene
Concen: 0.097 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV034935.D
Acq: 02 Apr 2024 16:46

Tgt Ion: 78 Resp: 5028



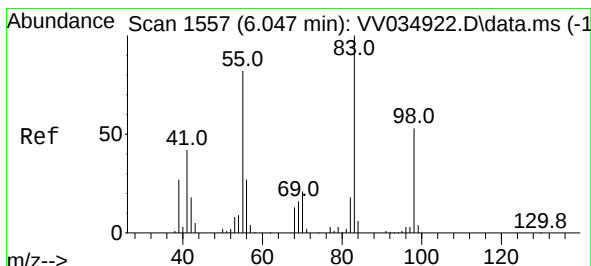
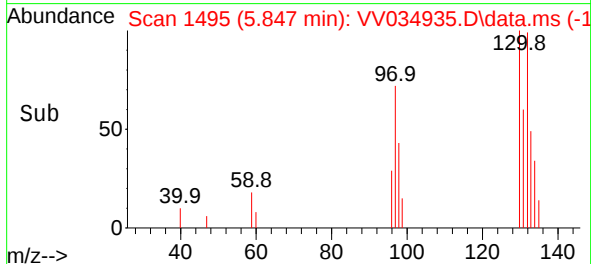
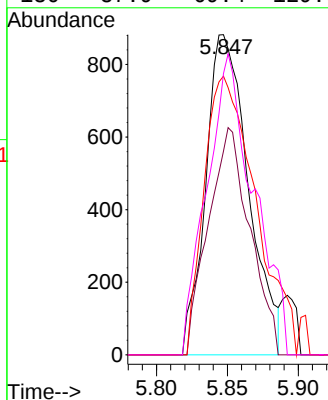
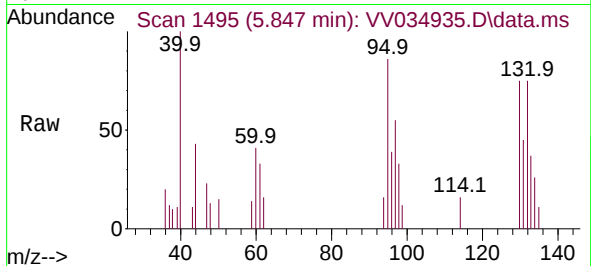


#34
Trichloroethene
Concen: 0.138 ug/L
RT: 5.847 min Scan# 1491
Delta R.T. 0.013 min
Lab File: VV034935.D
Acq: 02 Apr 2024 16:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1853

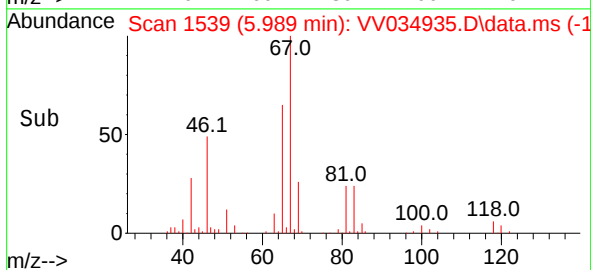
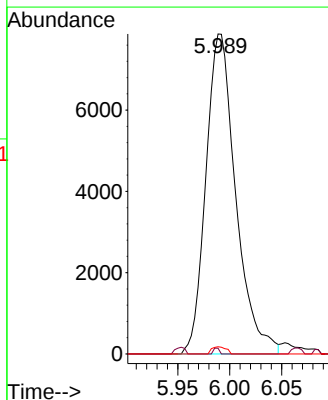
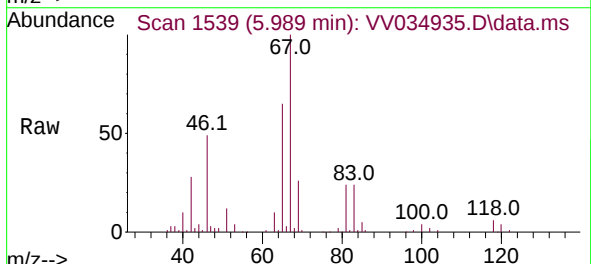
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.8	86.8
132	87.1	68.0	126.4
130	87.9	69.4	129.0

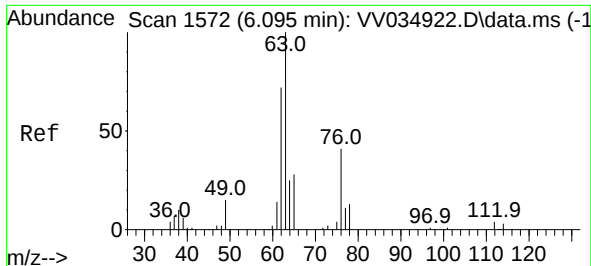


#35
Methylcyclohexane
Concen: 0.768 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034935.D
Acq: 02 Apr 2024 16:46

Tgt Ion: 83 Resp: 15739

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.6	91.0#
98	1.1	37.8	56.6#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

Instrument :

MSVOA_V

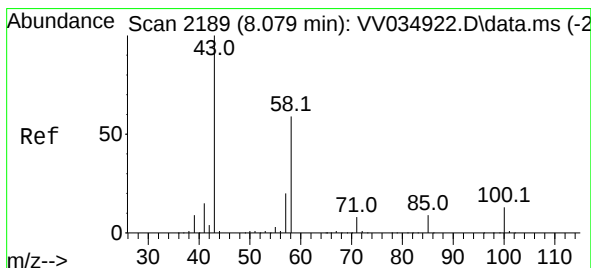
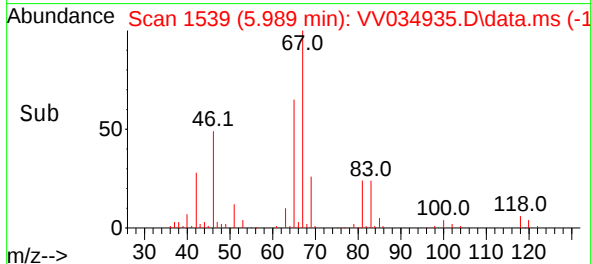
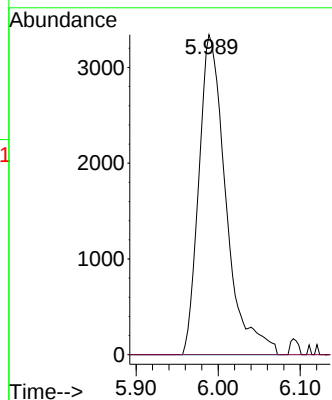
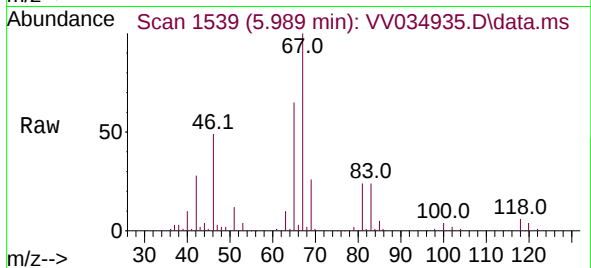
ClientSampleId :

Tgt Ion: 63 Resp: 7645

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#48

2-Hexanone

Concen: 3.009 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.006 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

Tgt Ion: 43 Resp: 13731

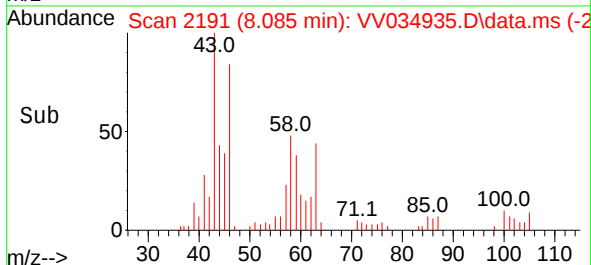
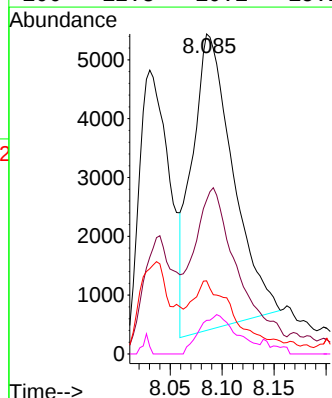
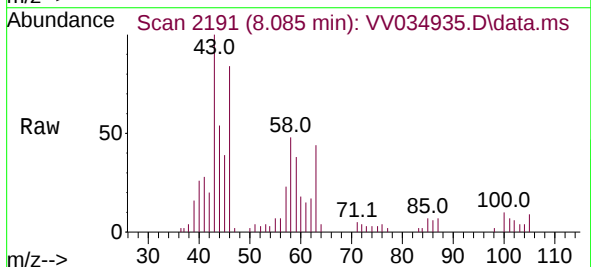
Ion Ratio Lower Upper

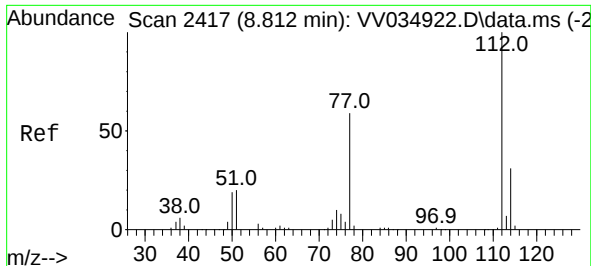
43 100

58 53.7 48.2 72.4

57 22.2 15.6 23.4

100 12.3 10.1 15.1





#51

Chlorobenzene

Concen: 0.518 ug/L

RT: 8.818 min Scan# 2417

Delta R.T. 0.006 min

Lab File: VV034935.D

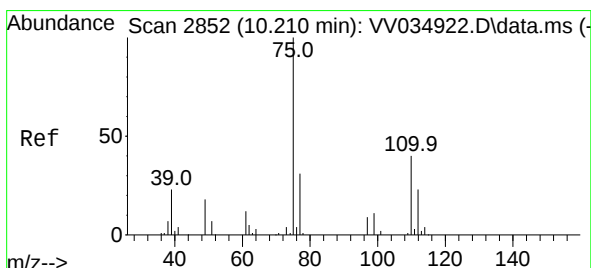
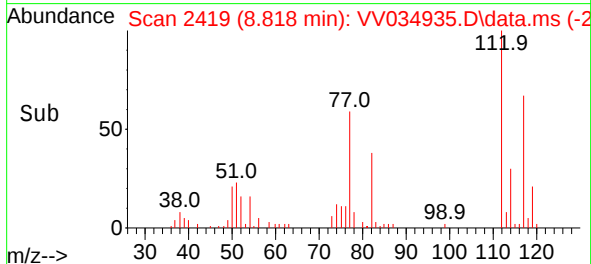
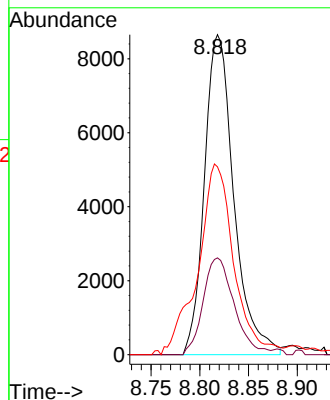
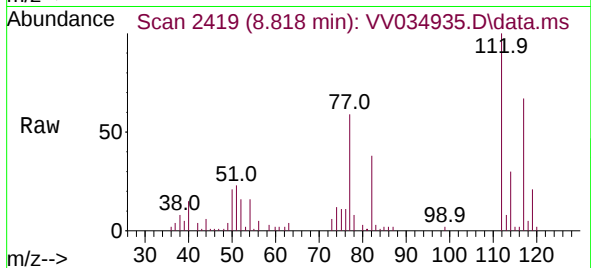
Acq: 02 Apr 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	112	Resp:	18174
Ion Ratio	Lower	Upper	
112	100		
114	30.3	21.9	40.7
77	58.7	47.4	71.2



#61

1,2,3-Trichloropropane

Concen: 0.309 ug/L

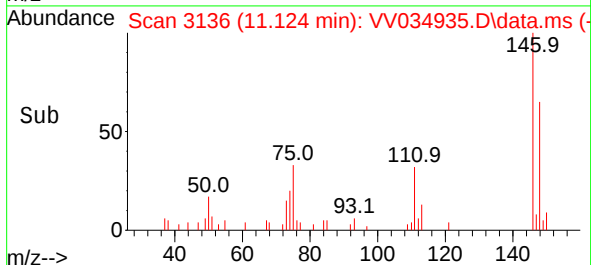
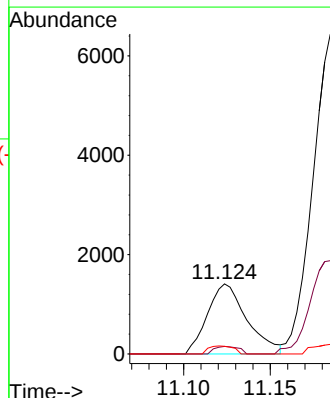
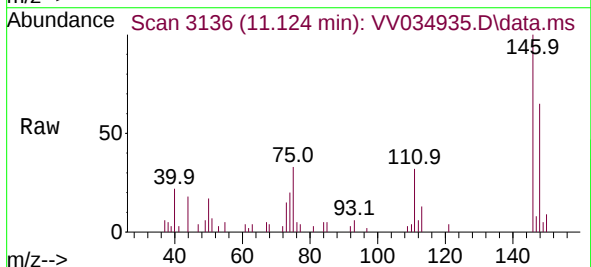
RT: 11.124 min Scan# 3136

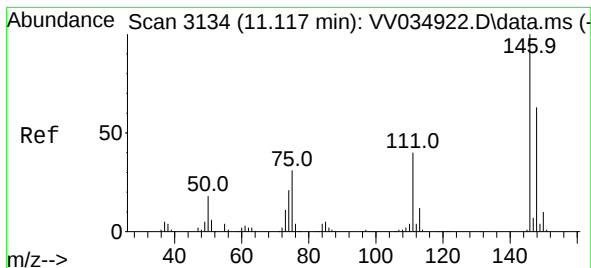
Delta R.T. 0.913 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

Tgt Ion:	75	Resp:	2237
Ion Ratio	Lower	Upper	
75	100		
77	0.0	24.8	37.2#
110	7.2	31.0	46.6#





#64

1,3-Dichlorobenzene

Concen: 0.298 ug/L

RT: 11.127 min Scan# 3134

Delta R.T. 0.010 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

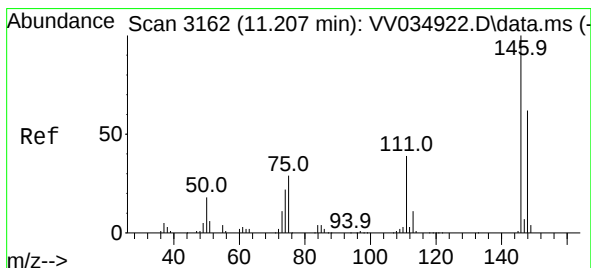
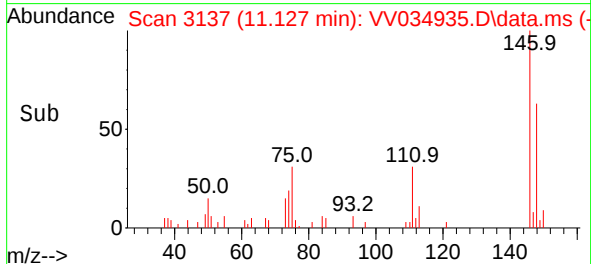
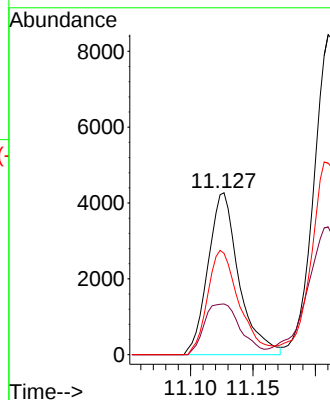
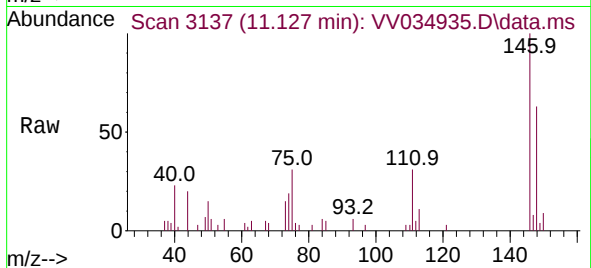
Tgt Ion:146 Resp: 7390

Ion Ratio Lower Upper

146 100

111 31.4 27.7 51.5

148 62.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 0.636 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

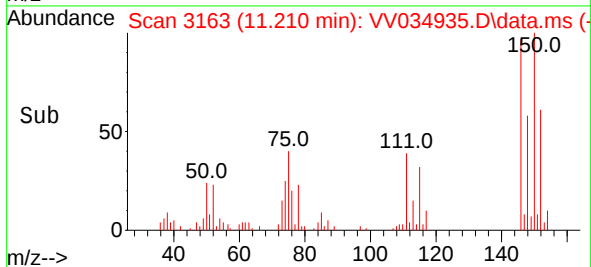
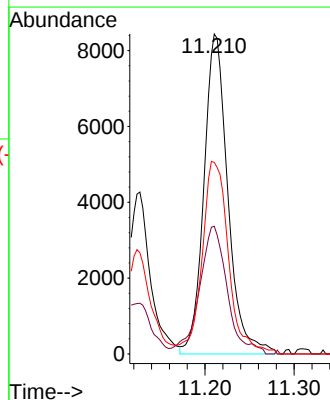
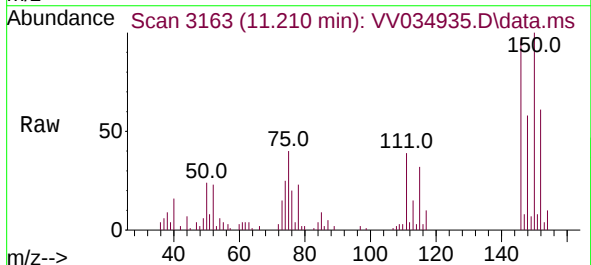
Tgt Ion:146 Resp: 15770

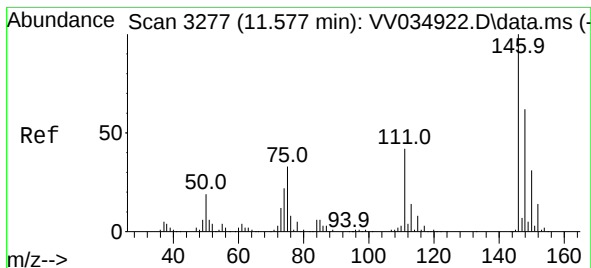
Ion Ratio Lower Upper

146 100

111 39.9 27.3 50.7

148 59.8 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 0.271 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

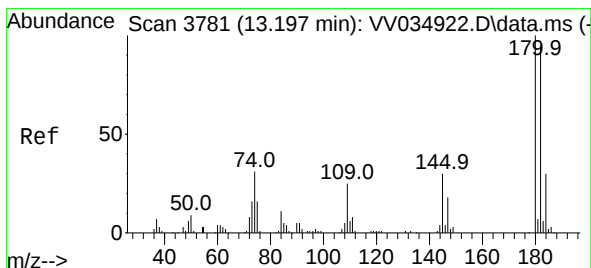
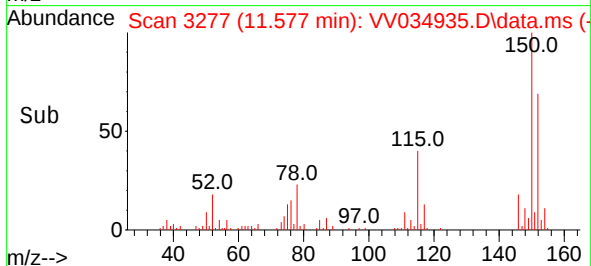
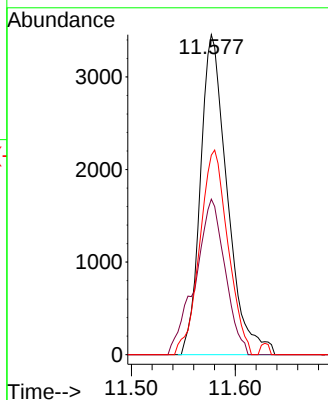
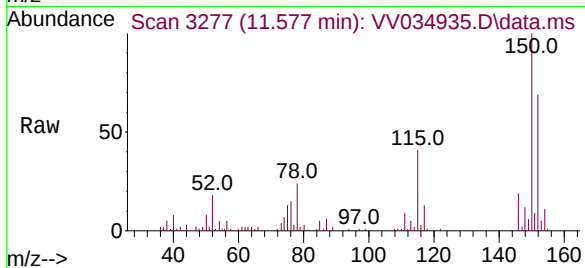
Tgt Ion:146 Resp: 6195

Ion Ratio Lower Upper

146 100

111 48.6 33.9 50.9

148 62.3 49.3 73.9



#70

1,2,4-trichlorobenzene

Concen: 4.287 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

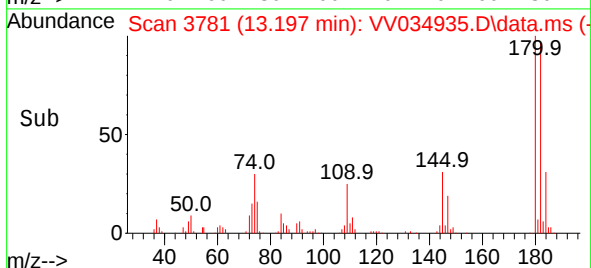
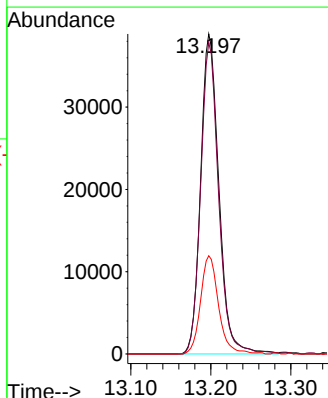
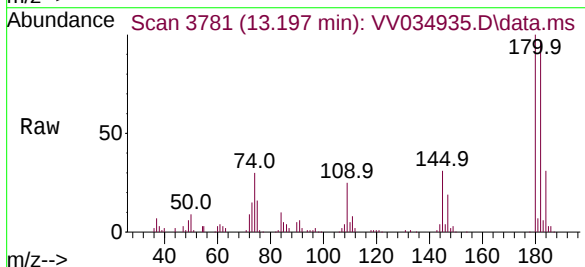
Tgt Ion:180 Resp: 61938

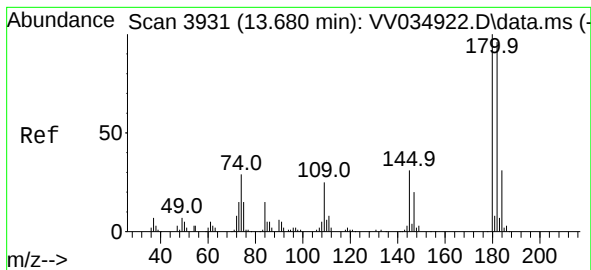
Ion Ratio Lower Upper

180 100

182 95.5 75.3 112.9

145 30.1 23.4 35.0





#72

1,2,3-Trichlorobenzene

Concen: 0.526 ug/L

RT: 13.683 min Scan# 3931

Delta R.T. 0.003 min

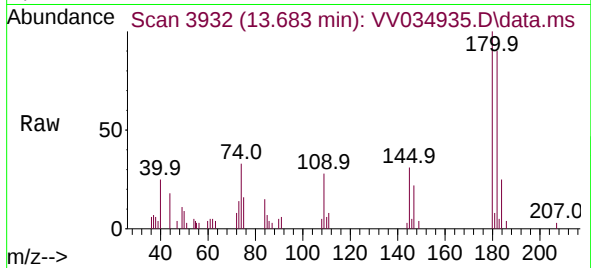
Lab File: VV034935.D

Acq: 02 Apr 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 6678

Ion Ratio Lower Upper

180 100

182 90.4 77.0 115.4

145 25.8 25.4 38.2

