

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034939.D
 Acq On : 02 Apr 2024 18:21
 Operator : SY/MD
 Sample : P1925-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 05:22:42 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	171313	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	176757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	103045	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67287	4.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.532	69	56907	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.060	65	30612	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.815	46	119983	54.314	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.620%
24) Chloroform-d	4.252	84	109676	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	55996	5.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	4.963	84	222015	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.989	67	70239	5.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.246	98	191386	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.561	79	21927	4.548	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.027	63	101548	61.375	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.740%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	51132	5.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	74215	4.572	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	4594	0.322	ug/L	95
19) 1,1-Dichloroethane	3.121	63	3756	0.148	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	16168	1.198	ug/L	90
33) Benzene	5.018	78	26115	0.483	ug/L	100
34) Trichloroethene	5.844	95	3898	0.276	ug/L	93
35) Methylcyclohexane	5.989	83	16859	0.785	ug/L	# 19
37) 1,2-Dichloropropane	5.989	63	7900	0.563	ug/L	# 87
42) Toluene	7.336	91	5004	0.088	ug/L	85
51) Chlorobenzene	8.812	112	2483190	67.570	ug/L	99
53) m,p-Xylene	9.091	106	1304	0.058	ug/L	69
61) 1,2,3-Trichloropropane	11.117	75	1026289	106.687	ug/L	# 49
64) 1,3-Dichlorobenzene	11.117	146	3236444	98.464	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	10054437	305.418	ug/L	93
67) 1,2-Dichlorobenzene	11.577	146	906442	29.852	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.339	75	1363	0.689	ug/L	# 5
69) 1,3,5-Trichlorobenzene	12.583	180	21572	0.874	ug/L	99
71) Naphthalene	13.451	128	4869	0.181	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	1697499	100.678	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034939.D
Acq On : 02 Apr 2024 18:21
Operator : SY/MD
Sample : P1925-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 03 05:22:42 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

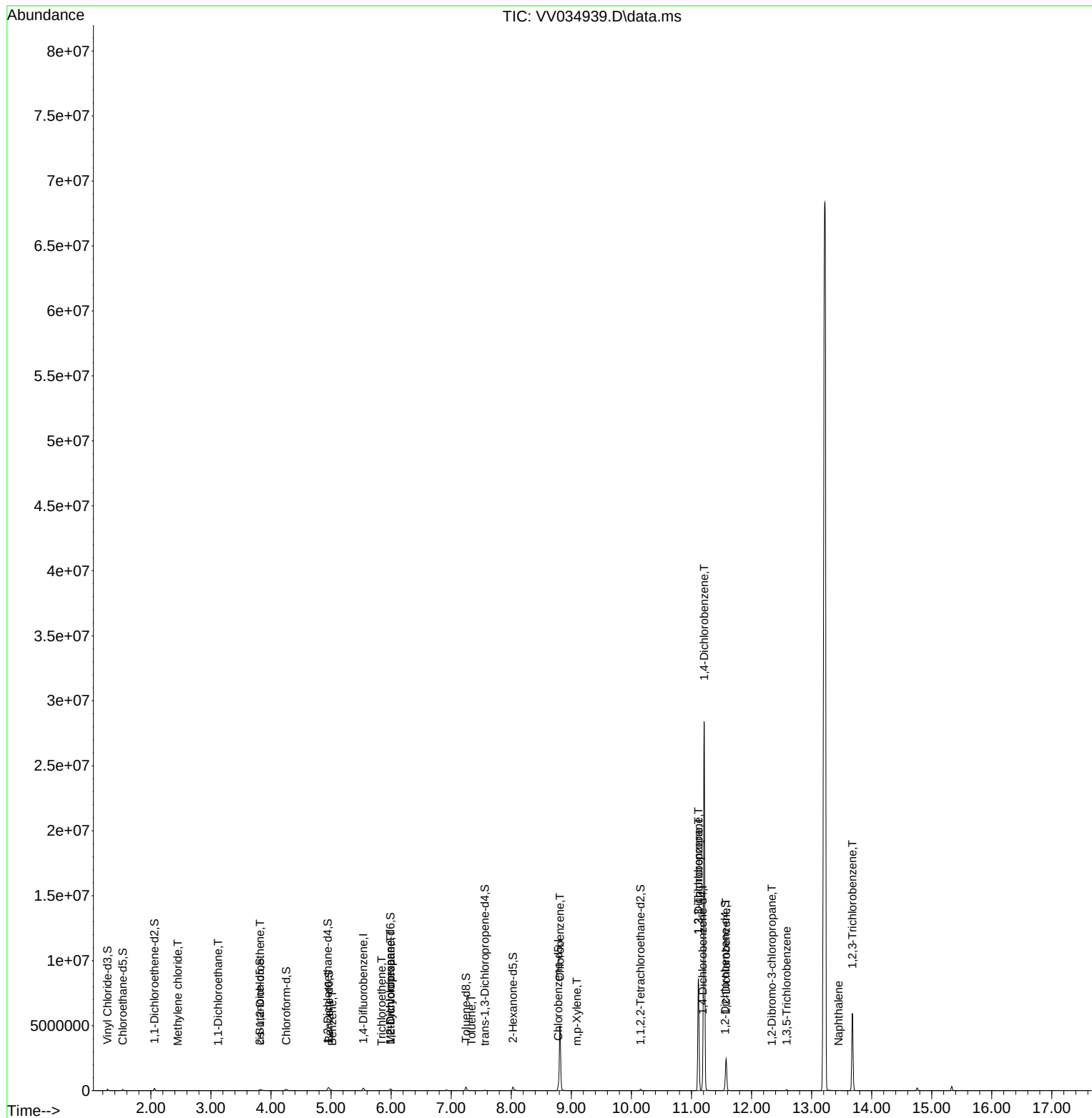
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

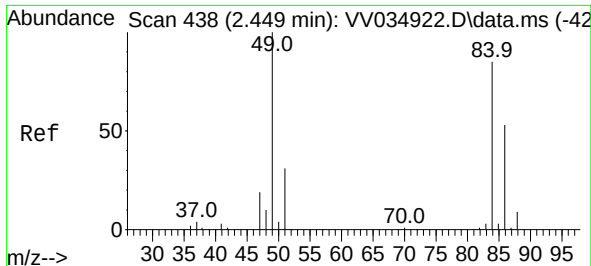
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034939.D
Acq On : 02 Apr 2024 18:21
Operator : SY/MD
Sample : P1925-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 03 05:22:42 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





#16

Methylene chloride

Concen: 0.322 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :

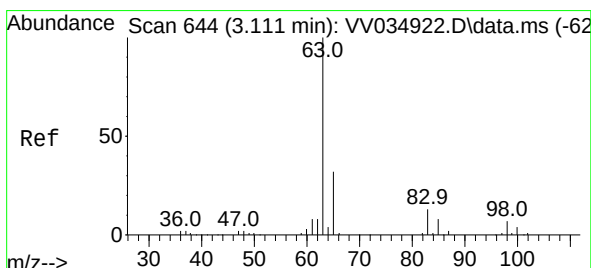
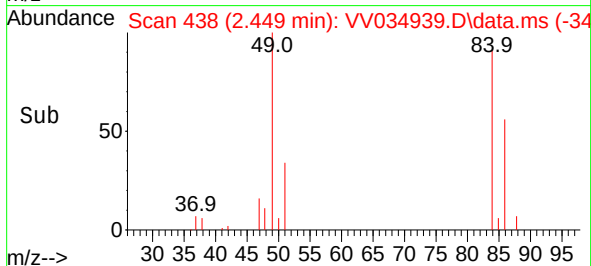
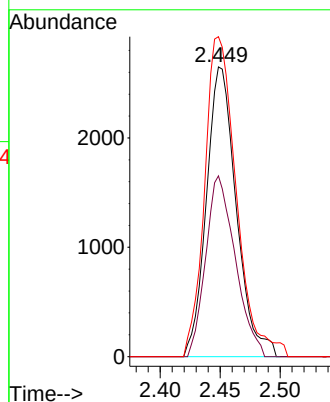
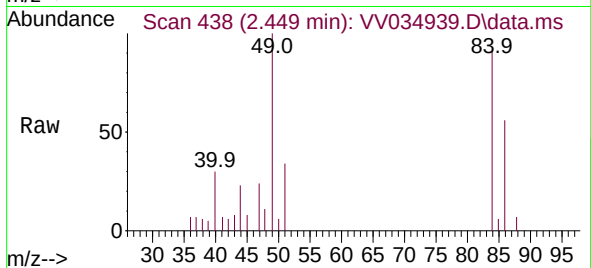
Tgt Ion: 84 Resp: 4594

Ion Ratio Lower Upper

84 100

86 62.4 43.5 80.9

49 110.4 82.5 153.3



#19

1,1-Dichloroethane

Concen: 0.148 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.010 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

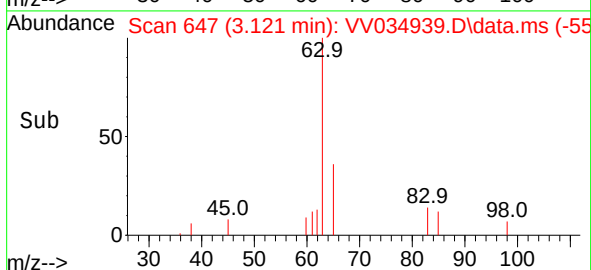
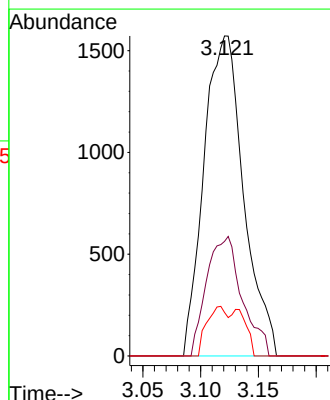
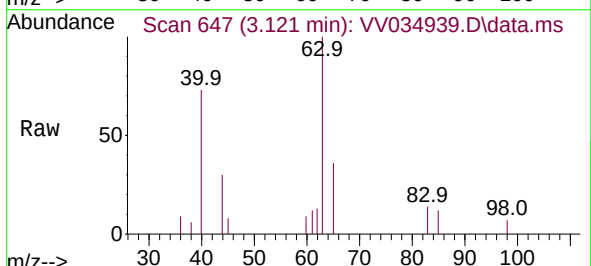
Tgt Ion: 63 Resp: 3756

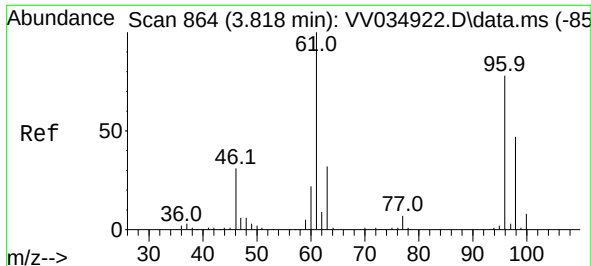
Ion Ratio Lower Upper

63 100

65 35.8 22.5 41.9

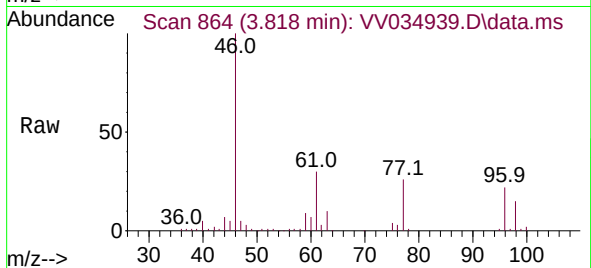
83 13.6 9.1 16.9





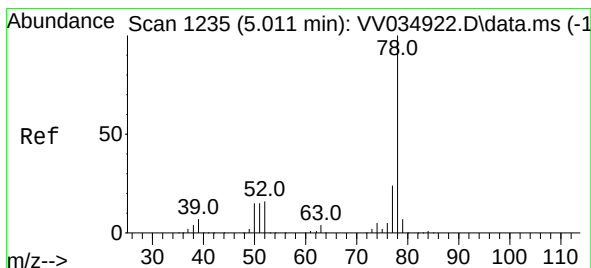
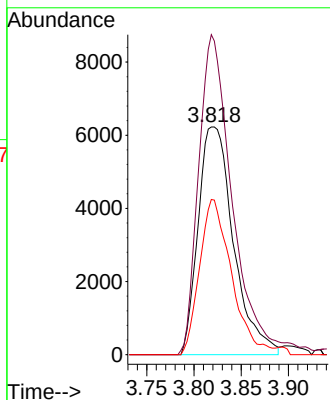
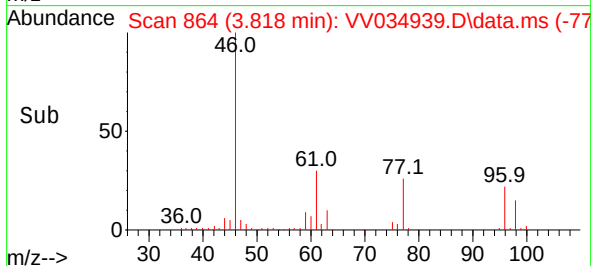
#22
 cis-1,2-Dichloroethene
 Concen: 1.198 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV034939.D
 Acq: 02 Apr 2024 18:21

Instrument :
 MSVOA_V
 ClientSampleId :



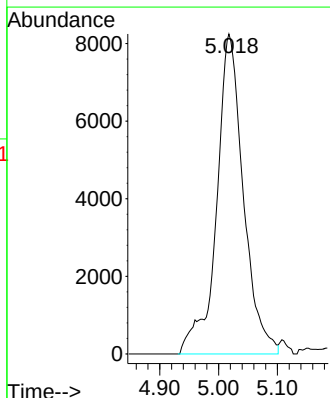
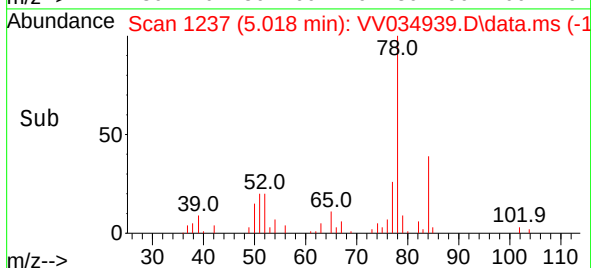
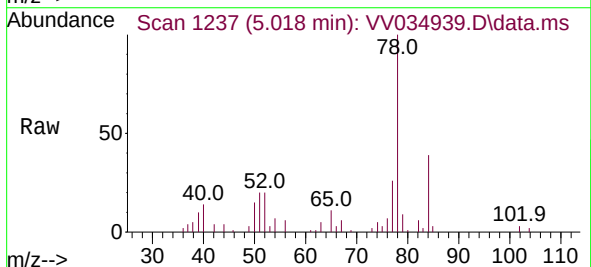
Tgt Ion: 96 Resp: 16168

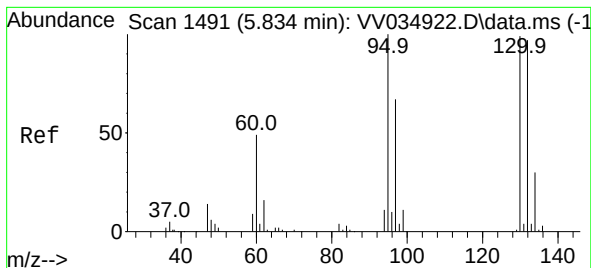
Ion	Ratio	Lower	Upper
96	100		
61	140.5	90.3	167.7
98	68.1	42.7	79.3



#33
 Benzene
 Concen: 0.483 ug/L
 RT: 5.018 min Scan# 1237
 Delta R.T. 0.006 min
 Lab File: VV034939.D
 Acq: 02 Apr 2024 18:21

Tgt Ion: 78 Resp: 26115





#34

Trichloroethene

Concen: 0.276 ug/L

RT: 5.844 min Scan# 1491

Delta R.T. 0.010 min

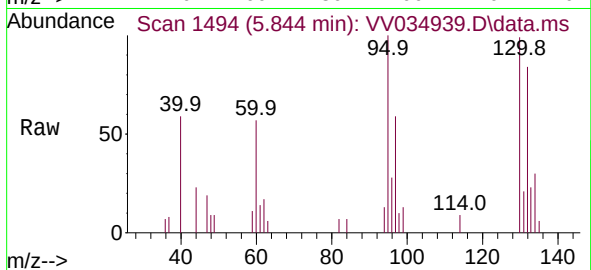
Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 3898

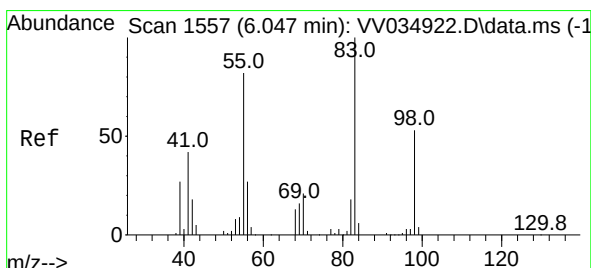
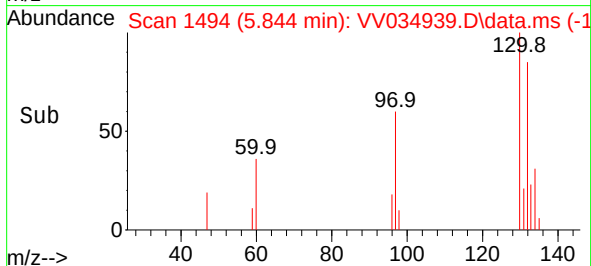
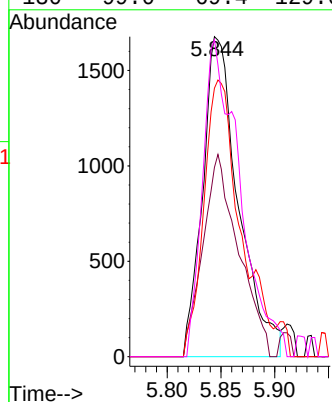
Ion Ratio Lower Upper

95 100

97 59.2 46.8 86.8

132 83.9 68.0 126.4

130 99.0 69.4 129.0



#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

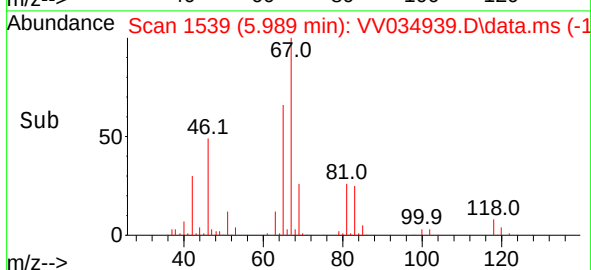
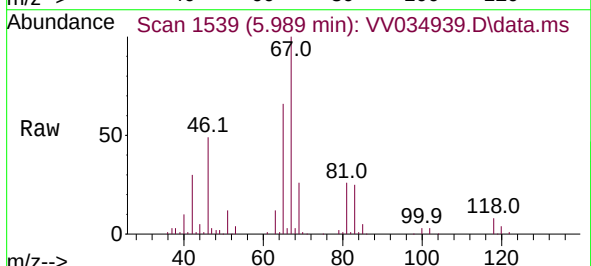
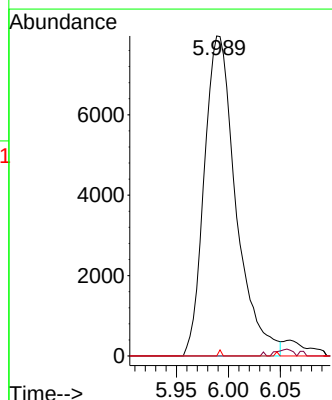
Tgt Ion: 83 Resp: 16859

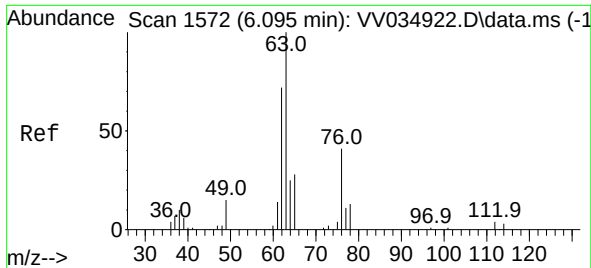
Ion Ratio Lower Upper

83 100

55 0.1 60.6 91.0#

98 0.2 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.563 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

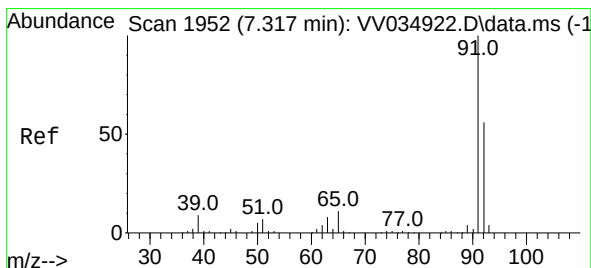
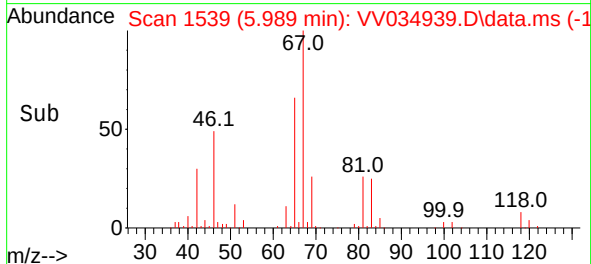
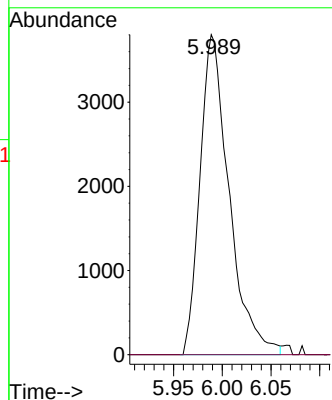
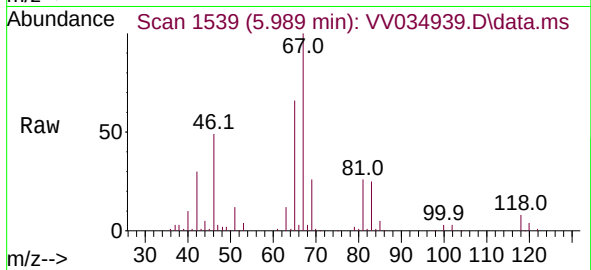
ClientSampleId :

Tgt Ion: 63 Resp: 7900

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#42

Toluene

Concen: 0.088 ug/L

RT: 7.336 min Scan# 1958

Delta R.T. 0.019 min

Lab File: VV034939.D

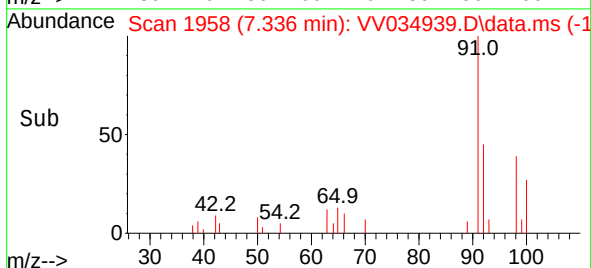
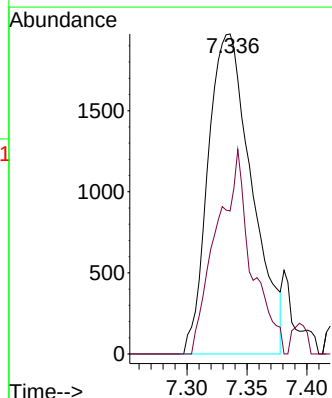
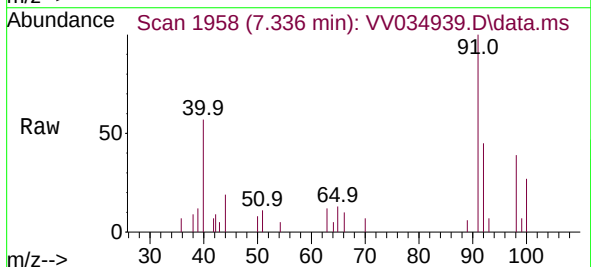
Acq: 02 Apr 2024 18:21

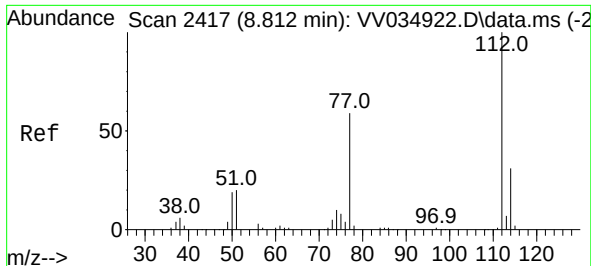
Tgt Ion: 91 Resp: 5004

Ion Ratio Lower Upper

91 100

92 44.7 38.9 72.2





#51

Chlorobenzene

Concen: 67.570 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :

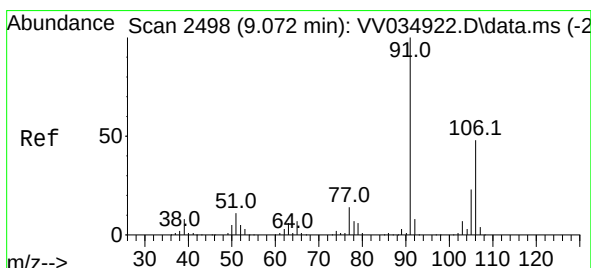
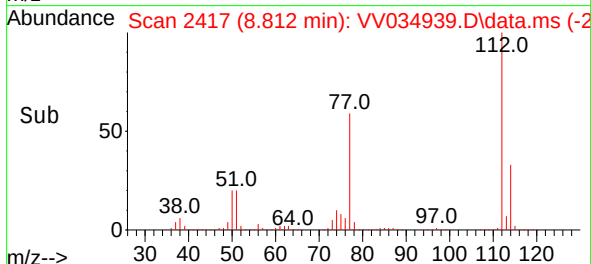
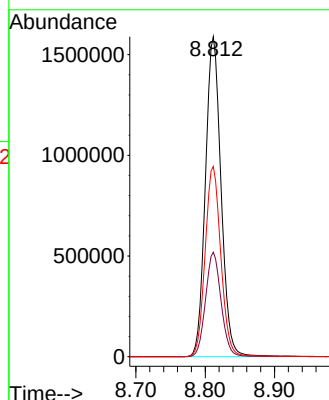
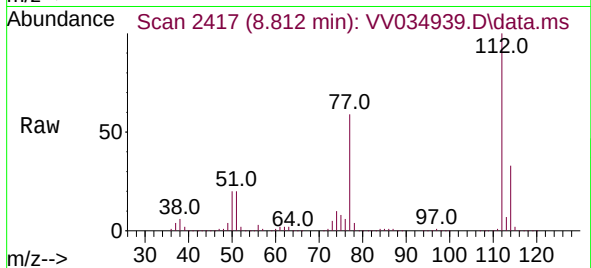
Tgt Ion:112 Resp: 2483190

Ion Ratio Lower Upper

112 100

114 32.6 21.9 40.7

77 59.5 47.4 71.2



#53

m,p-Xylene

Concen: 0.058 ug/L

RT: 9.091 min Scan# 2504

Delta R.T. 0.019 min

Lab File: VV034939.D

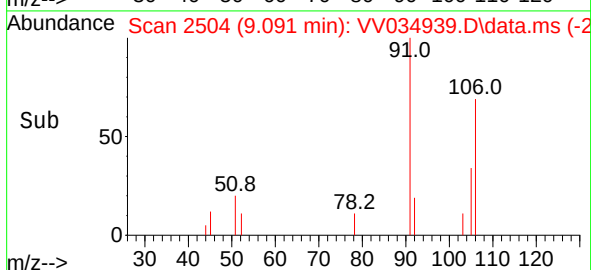
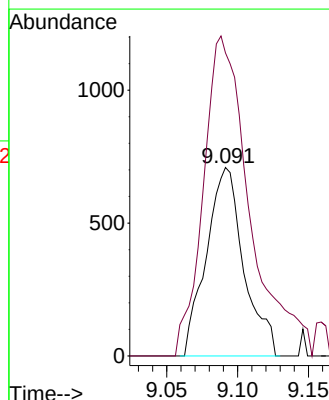
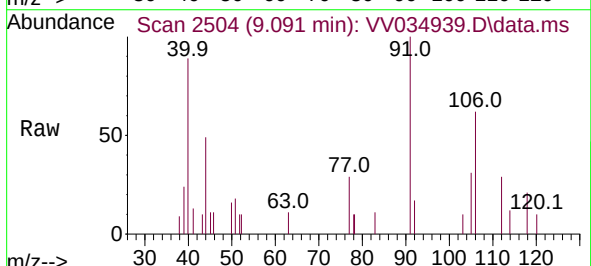
Acq: 02 Apr 2024 18:21

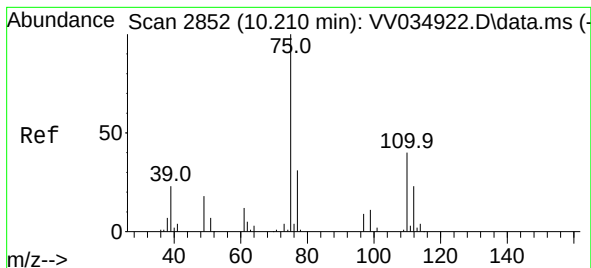
Tgt Ion:106 Resp: 1304

Ion Ratio Lower Upper

106 100

91 160.8 145.7 270.7





#61

1,2,3-Trichloropropane

Concen: 106.687 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.907 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :

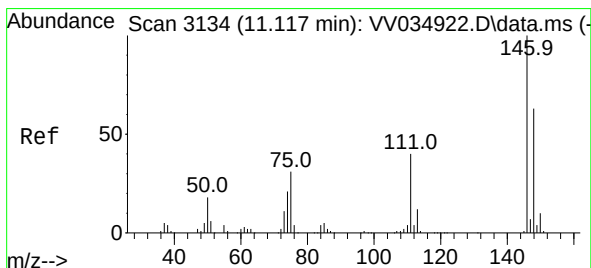
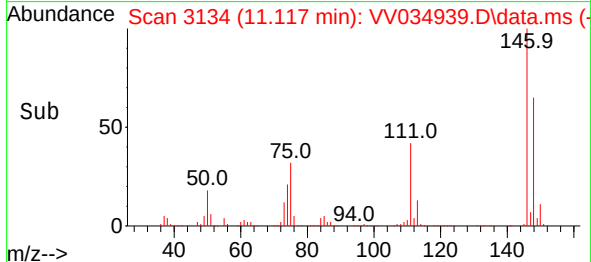
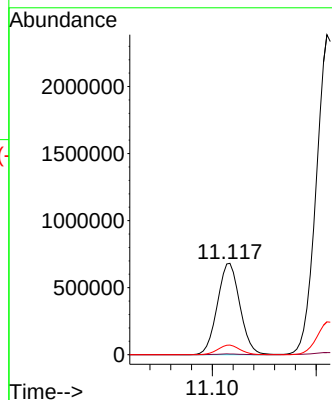
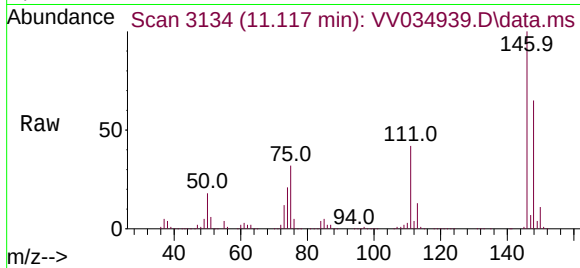
Tgt Ion: 75 Resp: 1026289

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

110 10.4 31.0 46.6#



#64

1,3-Dichlorobenzene

Concen: 98.464 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

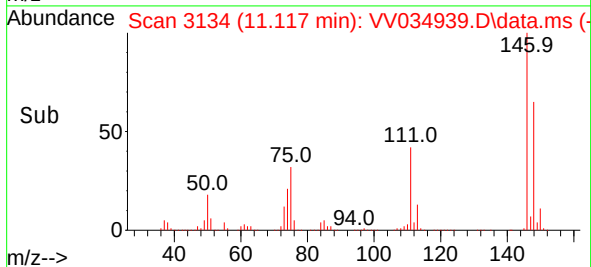
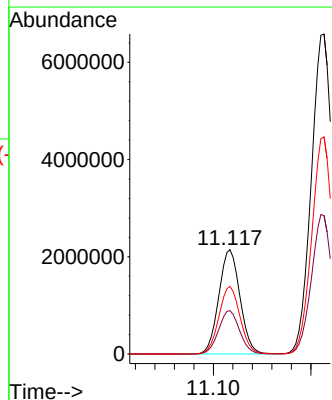
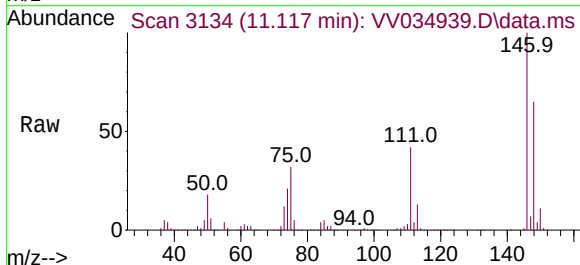
Tgt Ion:146 Resp: 3236444

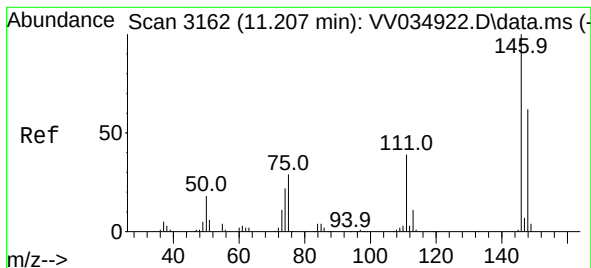
Ion Ratio Lower Upper

146 100

111 41.5 27.7 51.5

148 64.7 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 305.418 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :

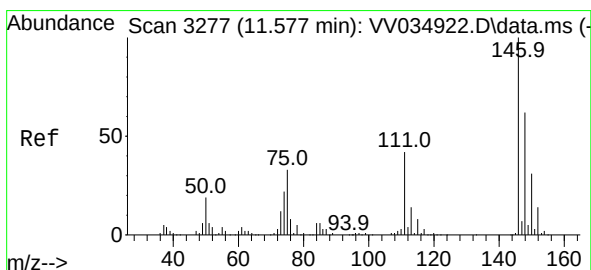
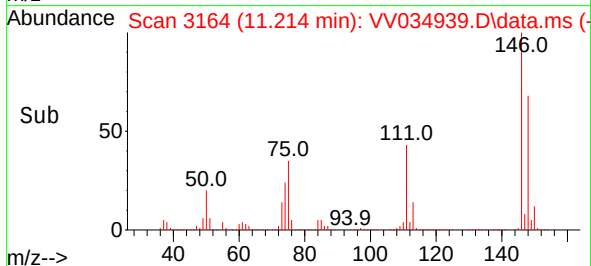
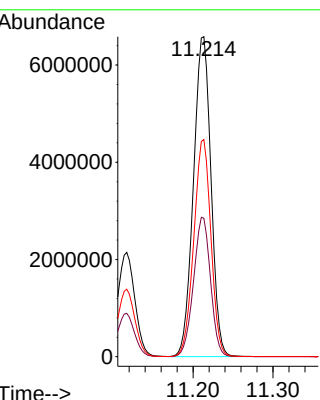
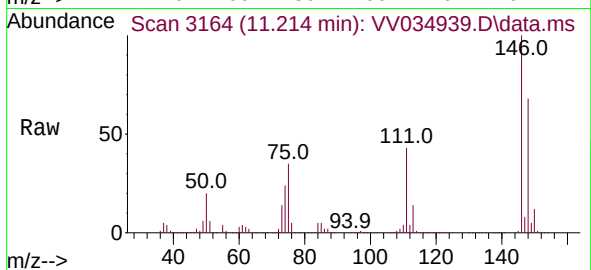
Tgt Ion:146 Resp:10054437

Ion Ratio Lower Upper

146 100

111 43.3 27.3 50.7

148 67.9 43.5 80.7



#67

1,2-Dichlorobenzene

Concen: 29.852 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

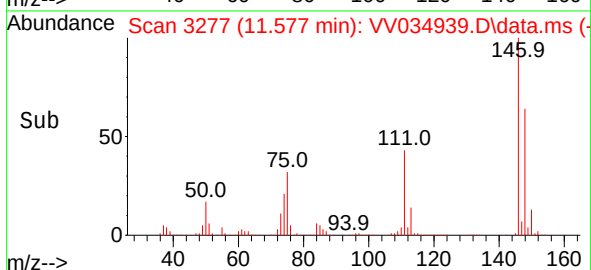
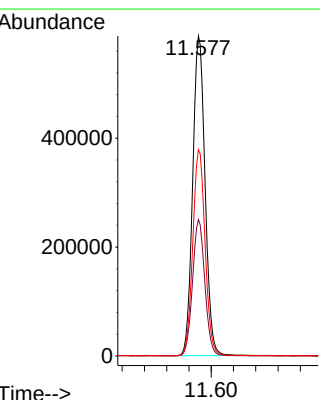
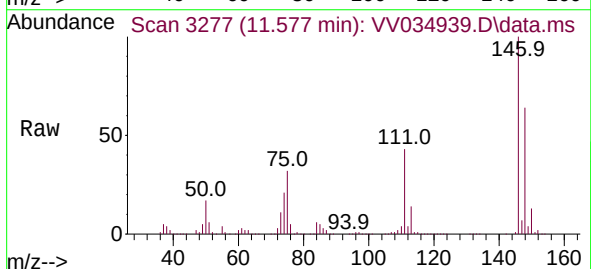
Tgt Ion:146 Resp: 906442

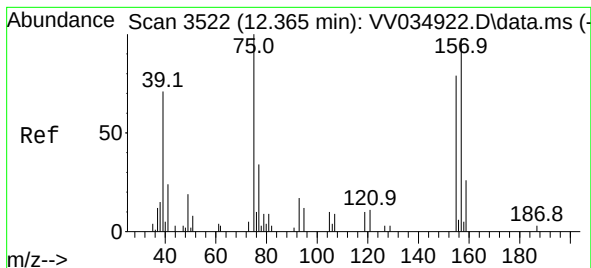
Ion Ratio Lower Upper

146 100

111 42.6 33.9 50.9

148 64.5 49.3 73.9





#68

1,2-Dibromo-3-chloropropane

Concen: 0.689 ug/L

RT: 12.339 min Scan# 3514

Delta R.T. -0.026 min

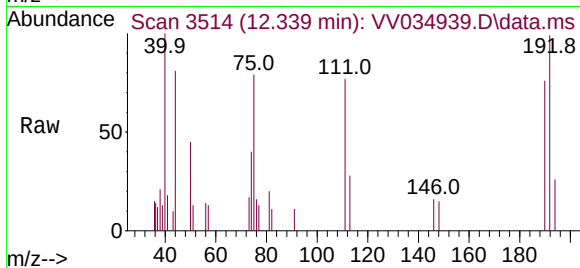
Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :



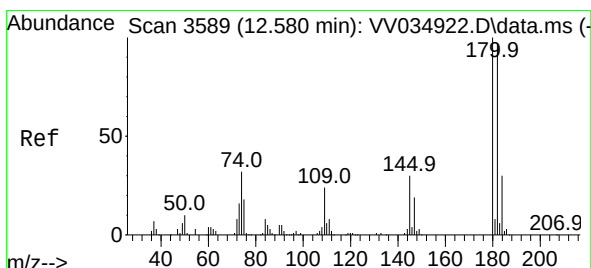
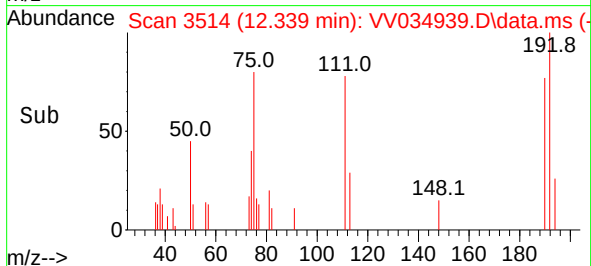
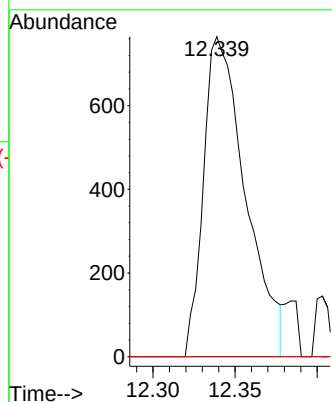
Tgt Ion: 75 Resp: 1363

Ion Ratio Lower Upper

75 100

155 0.0 63.4 95.0#

157 0.0 78.6 117.8#



#69

1,3,5-Trichlorobenzene

Concen: 0.874 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Tgt Ion: 180 Resp: 21572

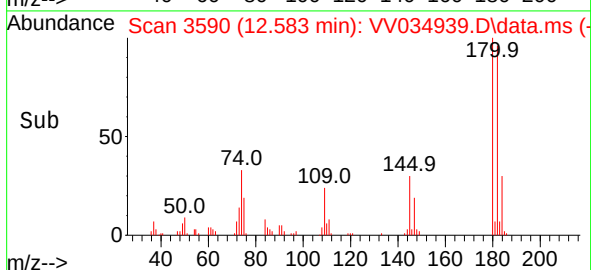
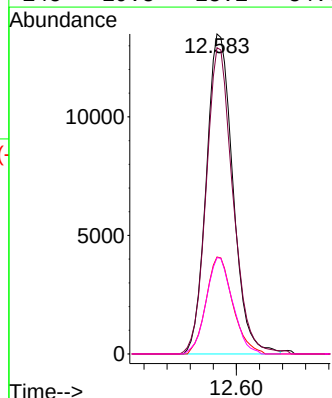
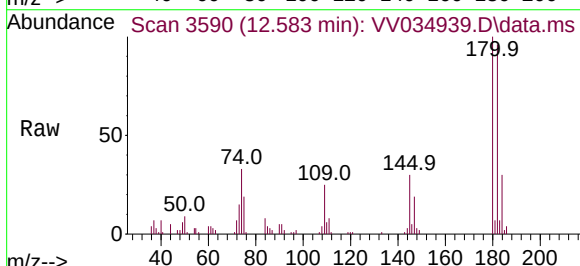
Ion Ratio Lower Upper

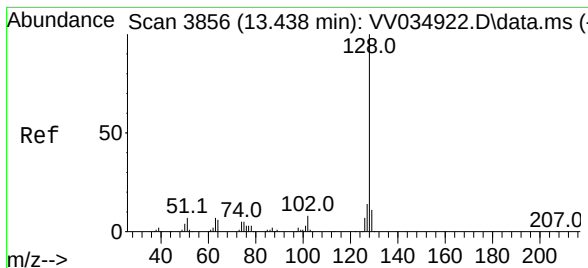
180 100

182 96.0 77.3 115.9

184 30.3 24.1 36.1

145 29.8 23.1 34.7





#71

Naphthalene

Concen: 0.181 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.013 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :

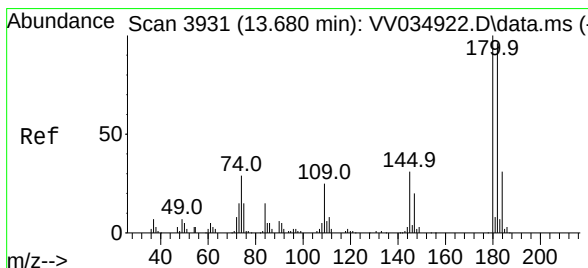
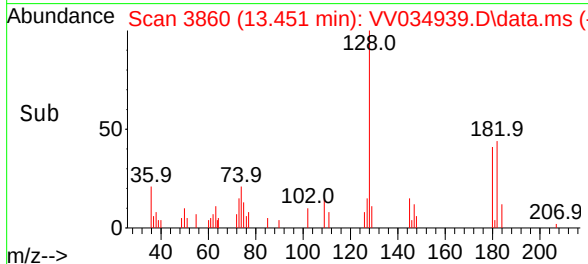
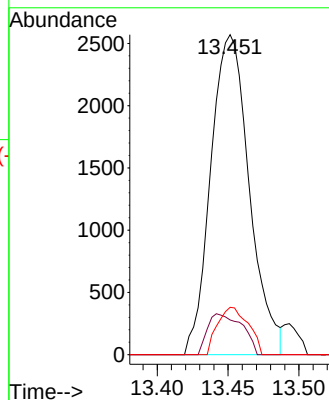
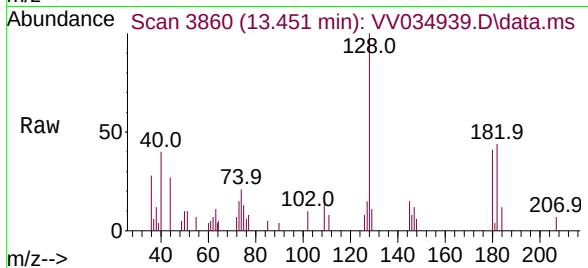
Tgt Ion:128 Resp: 4869

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

127 11.8 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 100.678 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034939.D

Acq: 02 Apr 2024 18:21

Tgt Ion:180 Resp: 1697499

Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.4

145 31.8 25.4 38.2

