

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034933.D
 Acq On : 02 Apr 2024 15:58
 Operator : SY/MD
 Sample : P1925-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

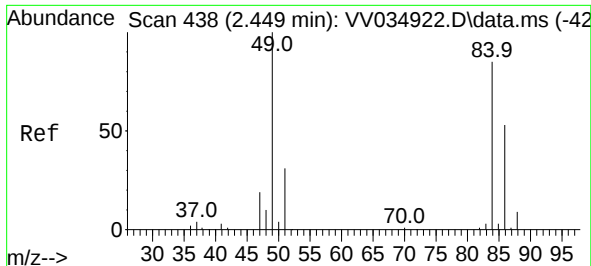
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 05:20:46 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)

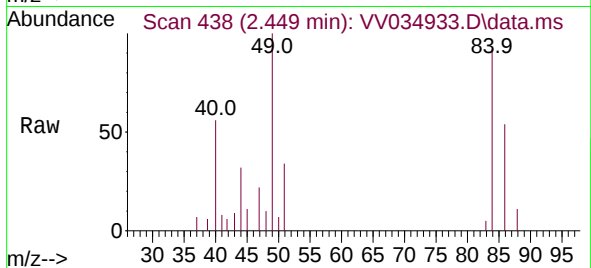
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	177870	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	187379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	104931	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67788	4.624	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.532	69	57339	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.060	65	30604	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.822	46	117873	51.392	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.780%
24) Chloroform-d	4.252	84	112352	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.944	65	53858	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.960	84	225657	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.989	67	70413	4.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.243	98	190484	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.561	79	20558	4.023	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.027	63	91736	52.302	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	49494	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	73681	4.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	3078	0.208	ug/L	94
22) cis-1,2-Dichloroethene	3.822	96	2682	0.191	ug/L	91
33) Benzene	5.011	78	160331	2.795	ug/L	100
34) Trichloroethene	5.851	95	2064	0.138	ug/L	89
35) Methylcyclohexane	5.989	83	16238	0.713	ug/L	# 19
37) 1,2-Dichloropropane	5.992	63	7801	0.524	ug/L	# 87
51) Chlorobenzene	8.812	112	9304942	238.844	ug/L	94
61) 1,2,3-Trichloropropane	11.114	75	846930	86.459	ug/L	# 49
64) 1,3-Dichlorobenzene	11.114	146	2675581	79.937	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	6587938	196.522	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	679268	21.968	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	6555	0.261	ug/L	96
70) 1,2,4-trichlorobenzene	13.197	180	2185671	111.957	ug/L	98
71) Naphthalene	13.451	128	2668	0.097	ug/L	# 92
72) 1,2,3-Trichlorobenzene	13.680	180	62761	3.655	ug/L	99

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

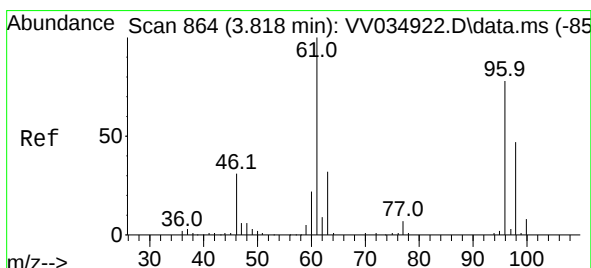
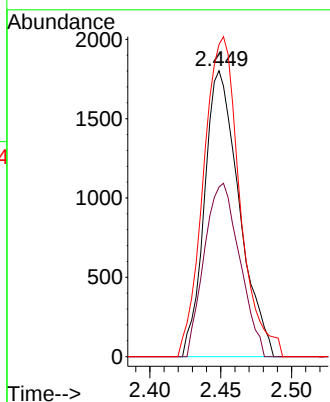
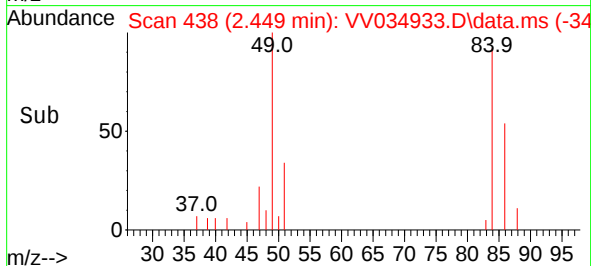


#16
Methylene chloride
Concen: 0.208 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV034933.D
Acq: 02 Apr 2024 15:58

Instrument :
MSVOA_V
ClientSampleId :

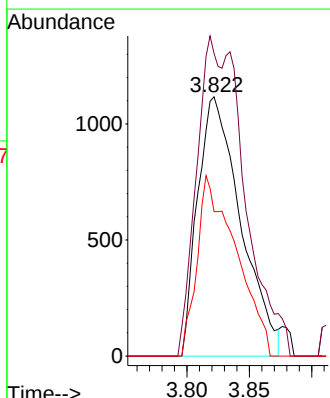
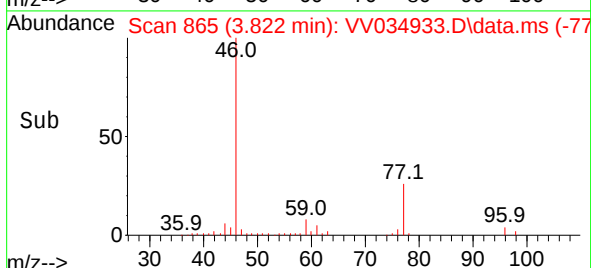
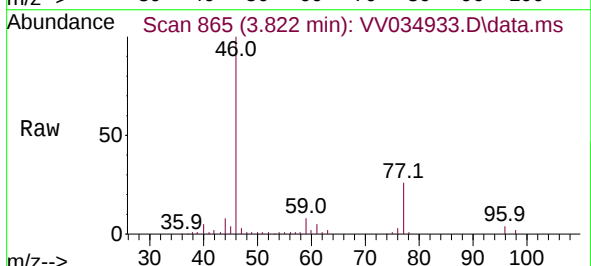


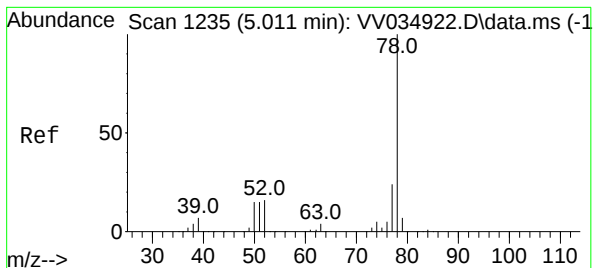
Tgt Ion: 84 Resp: 3078
Ion Ratio Lower Upper
84 100
86 59.3 43.5 80.9
49 109.2 82.5 153.3



#22
cis-1,2-Dichloroethene
Concen: 0.191 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV034933.D
Acq: 02 Apr 2024 15:58

Tgt Ion: 96 Resp: 2682
Ion Ratio Lower Upper
96 100
61 116.7 90.3 167.7
98 55.7 42.7 79.3





#33

Benzene

Concen: 2.795 ug/L

RT: 5.011 min Scan# 1495

Delta R.T. 0.000 min

Lab File: VV034933.D

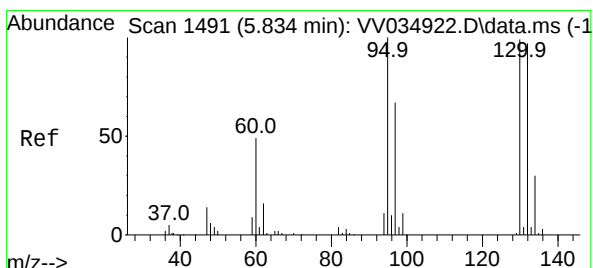
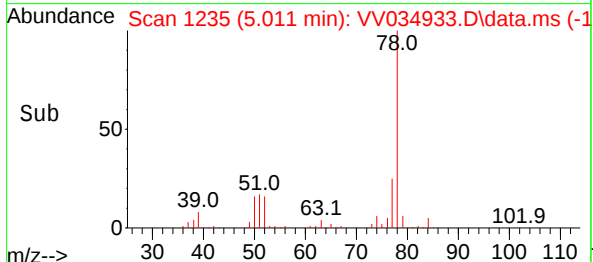
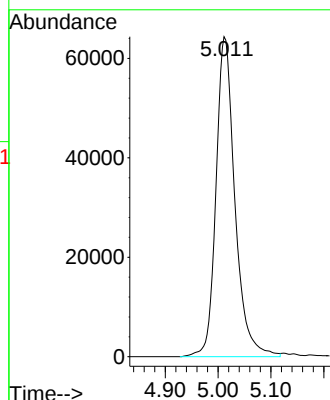
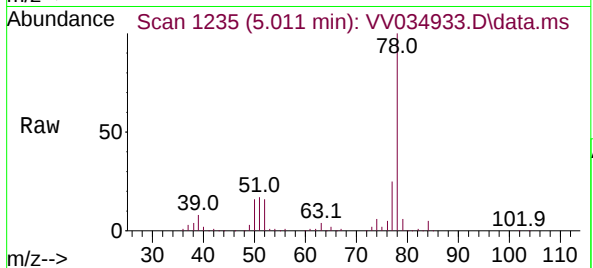
Acq: 02 Apr 2024 15:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 160331



#34

Trichloroethene

Concen: 0.138 ug/L

RT: 5.851 min Scan# 1496

Delta R.T. 0.016 min

Lab File: VV034933.D

Acq: 02 Apr 2024 15:58

Tgt Ion: 95 Resp: 2064

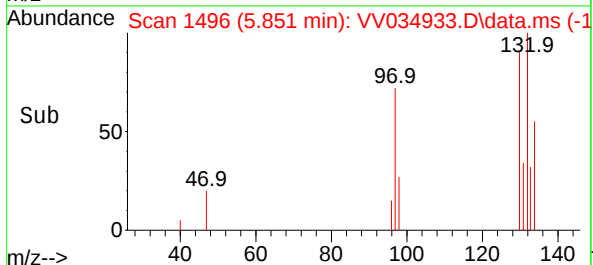
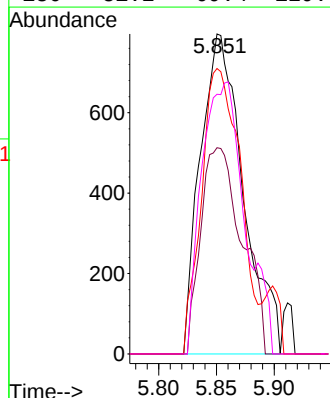
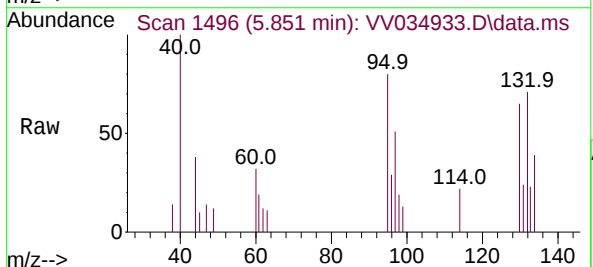
Ion Ratio Lower Upper

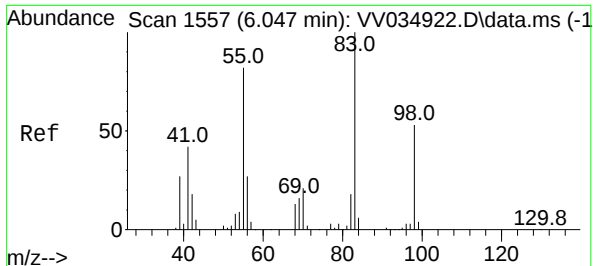
95 100

97 64.4 46.8 86.8

132 89.2 68.0 126.4

130 81.2 69.4 129.0





#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV034933.D

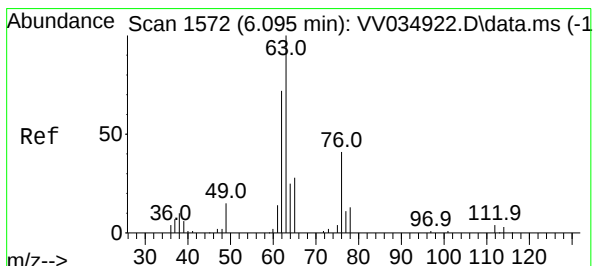
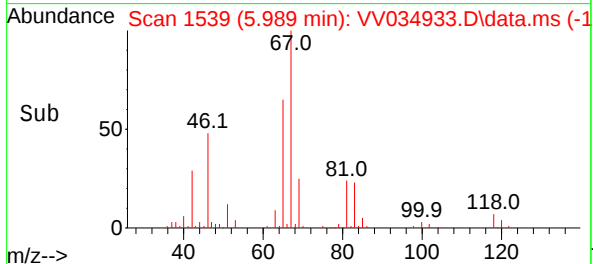
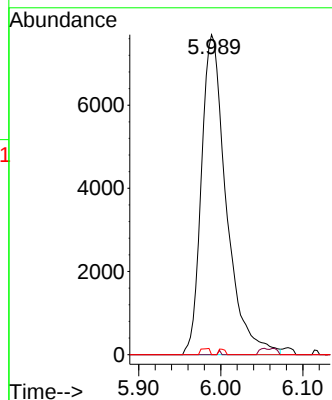
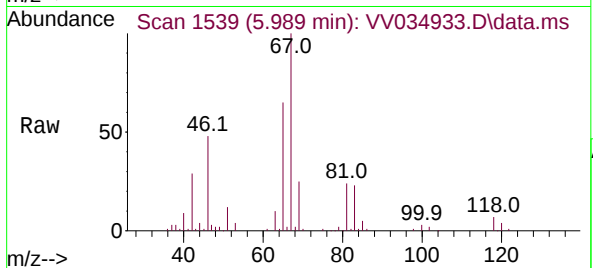
Acq: 02 Apr 2024 15:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	16238
Ion Ratio	Lower	Upper	
83	100		
55	0.0	60.6	91.0#
98	0.7	37.8	56.6#



#37

1,2-Dichloropropane

Concen: 0.524 ug/L

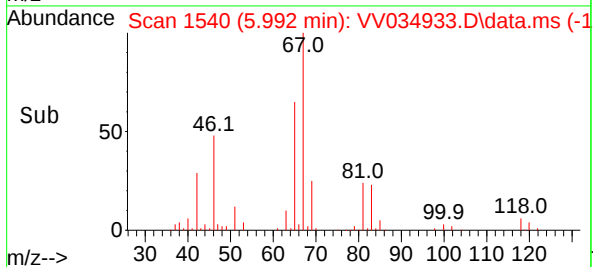
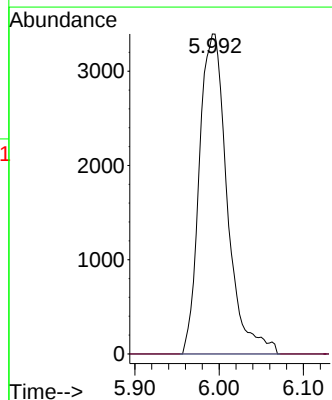
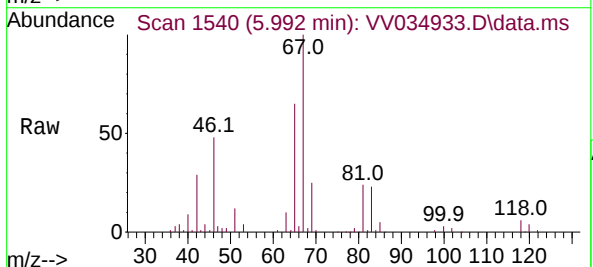
RT: 5.992 min Scan# 1540

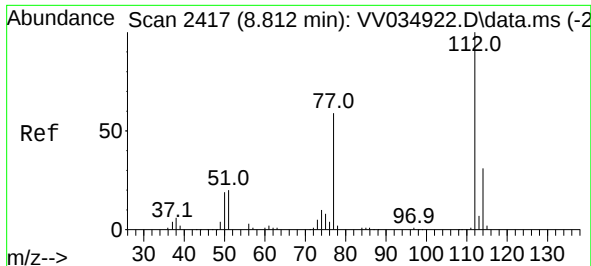
Delta R.T. -0.103 min

Lab File: VV034933.D

Acq: 02 Apr 2024 15:58

Tgt Ion:	63	Resp:	7801
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.5	5.3#

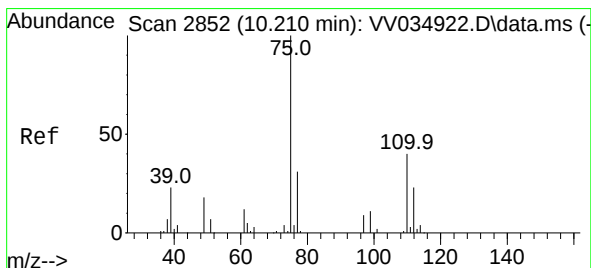
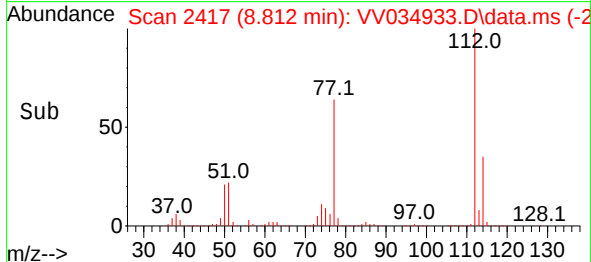
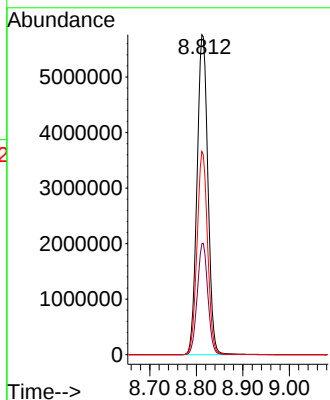
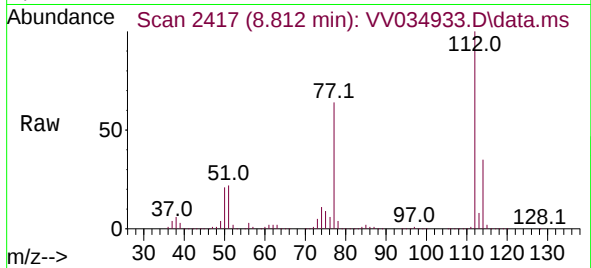




#51
Chlorobenzene
Concen: 238.844 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034933.D
Acq: 02 Apr 2024 15:58

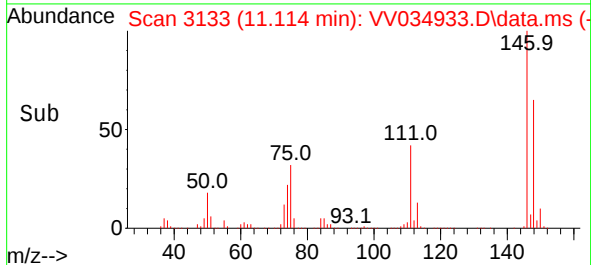
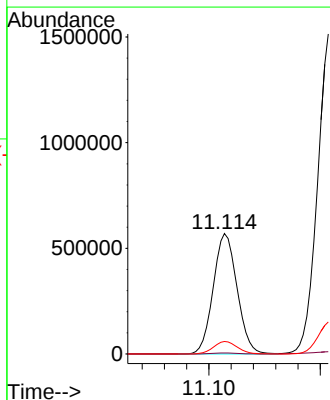
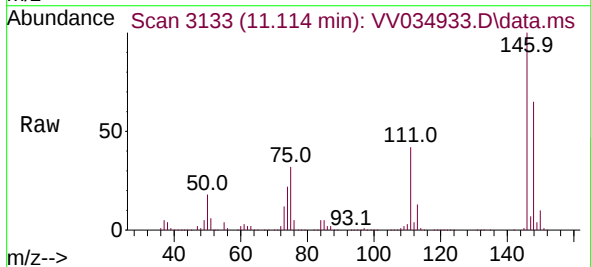
Instrument :
MSVOA_V
ClientSampleId :

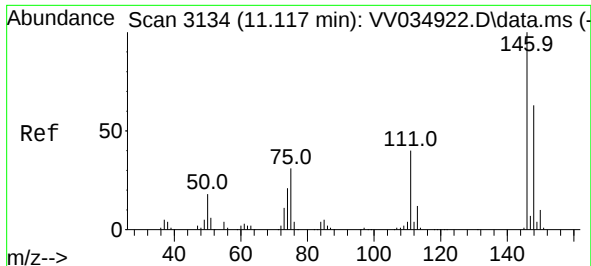
Tgt Ion:112 Resp: 9304942
Ion Ratio Lower Upper
112 100
114 34.7 21.9 40.7
77 63.5 47.4 71.2



#61
1,2,3-Trichloropropane
Concen: 86.459 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.904 min
Lab File: VV034933.D
Acq: 02 Apr 2024 15:58

Tgt Ion: 75 Resp: 846930
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
110 10.3 31.0 46.6#





#64

1,3-Dichlorobenzene

Concen: 79.937 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.003 min

Lab File: VV034933.D

Acq: 02 Apr 2024 15:58

Instrument :

MSVOA_V

ClientSampleId :

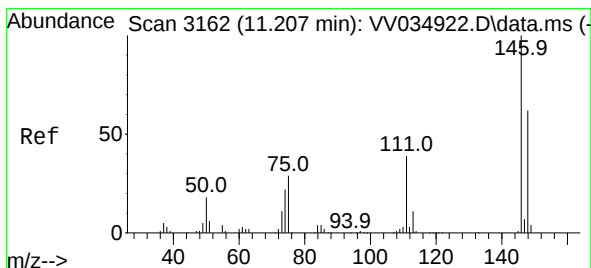
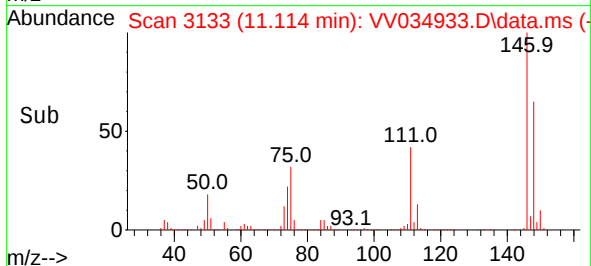
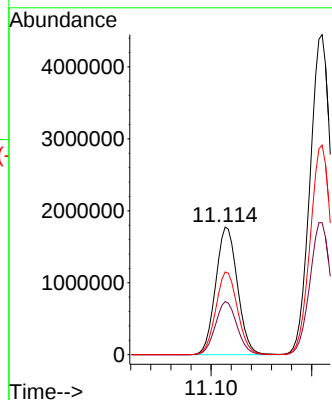
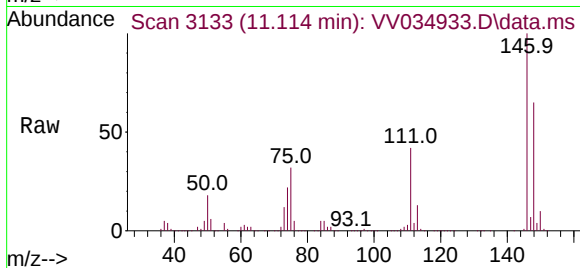
Tgt Ion:146 Resp: 2675581

Ion Ratio Lower Upper

146 100

111 41.7 27.7 51.5

148 64.7 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 196.522 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034933.D

Acq: 02 Apr 2024 15:58

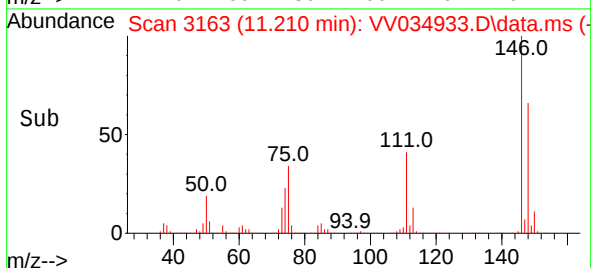
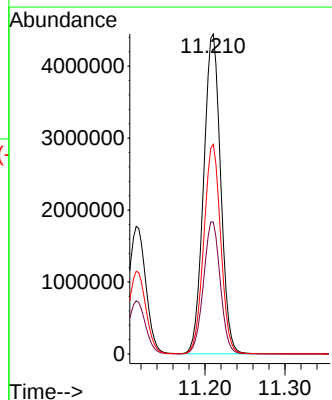
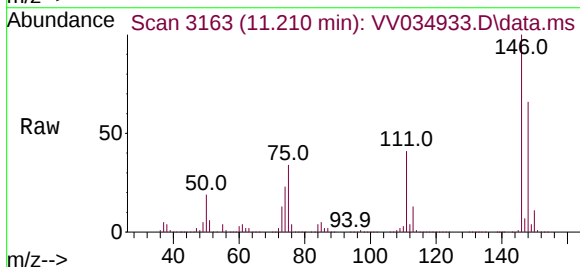
Tgt Ion:146 Resp: 6587938

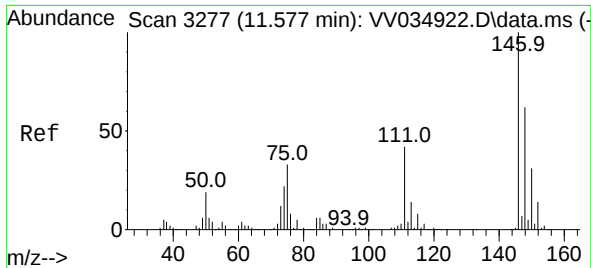
Ion Ratio Lower Upper

146 100

111 41.3 27.3 50.7

148 65.5 43.5 80.7

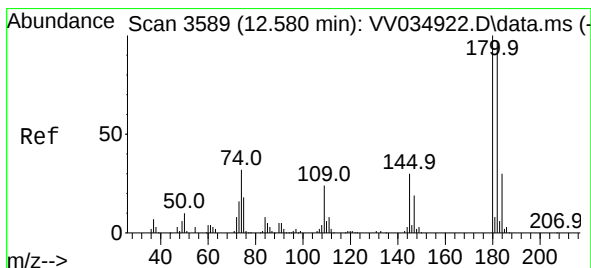
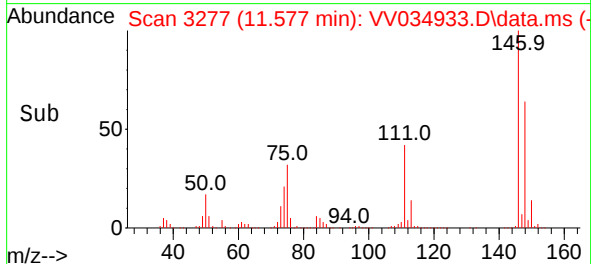
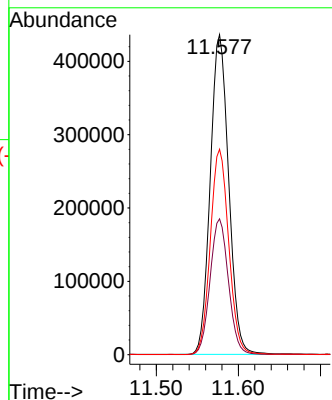
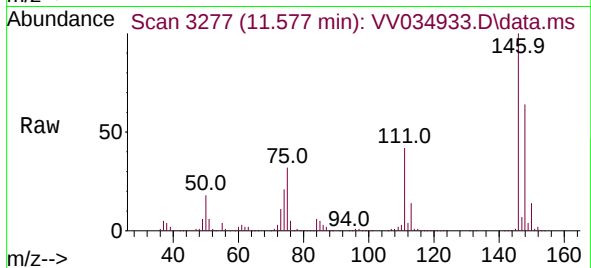




#67
1,2-Dichlorobenzene
Concen: 21.968 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034933.D
Acq: 02 Apr 2024 15:58

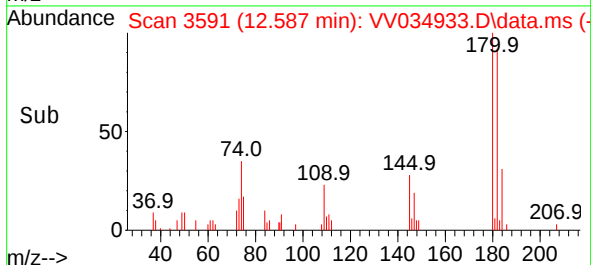
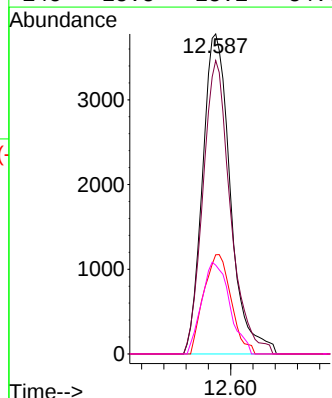
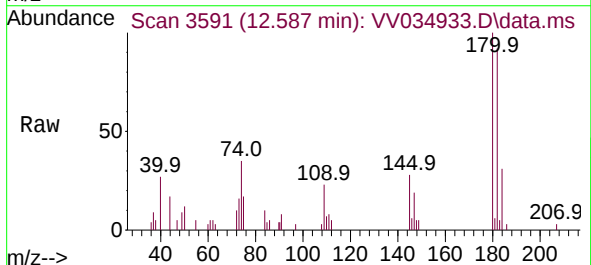
Instrument :
MSVOA_V
ClientSampleId :

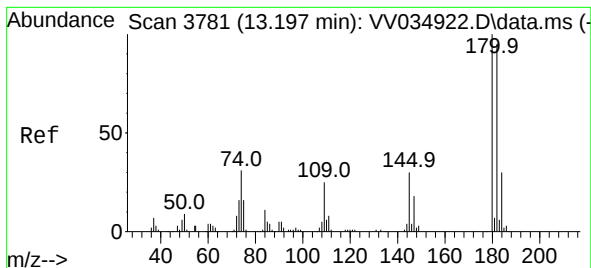
Tgt Ion:146 Resp: 679268
Ion Ratio Lower Upper
146 100
111 42.5 33.9 50.9
148 64.2 49.3 73.9



#69
1,3,5-Trichlorobenzene
Concen: 0.261 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.007 min
Lab File: VV034933.D
Acq: 02 Apr 2024 15:58

Tgt Ion:180 Resp: 6555
Ion Ratio Lower Upper
180 100
182 90.2 77.3 115.9
184 30.5 24.1 36.1
145 28.8 23.1 34.7





#70

1,2,4-trichlorobenzene

Concen: 111.957 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034933.D

Acq: 02 Apr 2024 15:58

Instrument :

MSVOA_V

ClientSampleId :

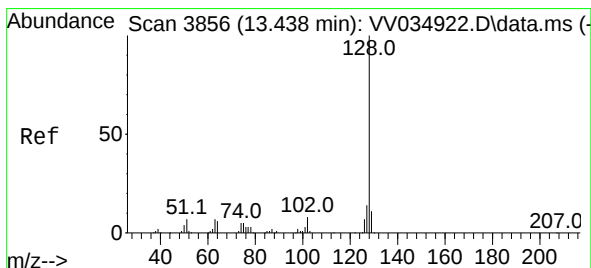
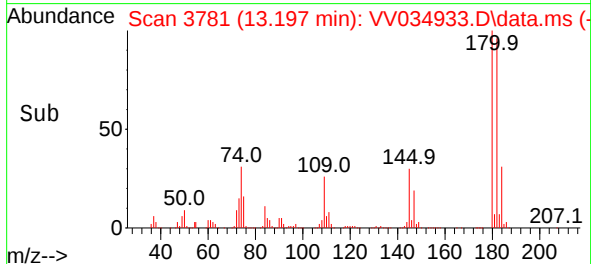
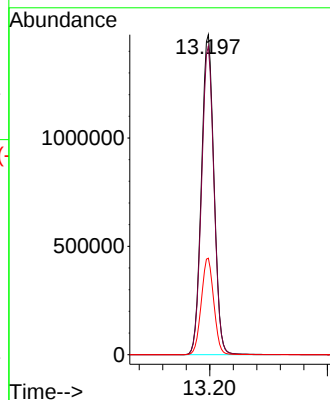
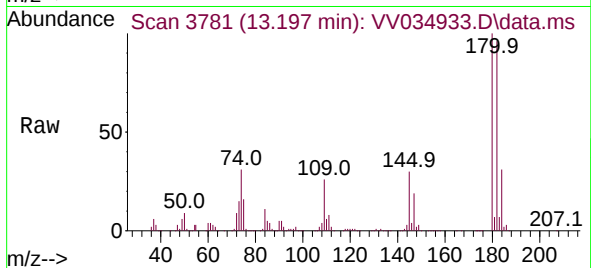
Tgt Ion:180 Resp: 2185671

Ion Ratio Lower Upper

180 100

182 95.9 75.3 112.9

145 30.1 23.4 35.0



#71

Naphthalene

Concen: 0.097 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.013 min

Lab File: VV034933.D

Acq: 02 Apr 2024 15:58

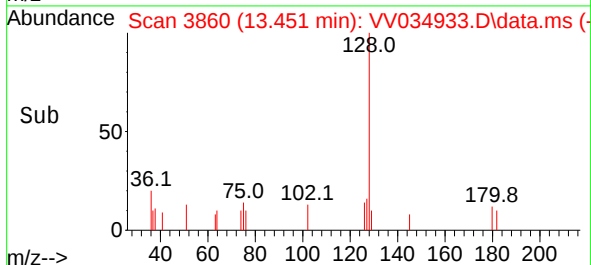
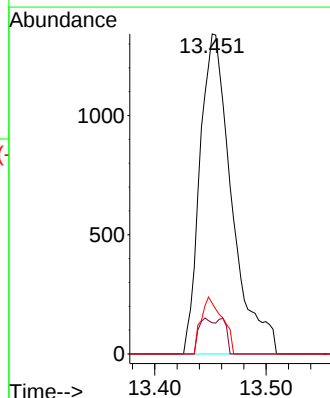
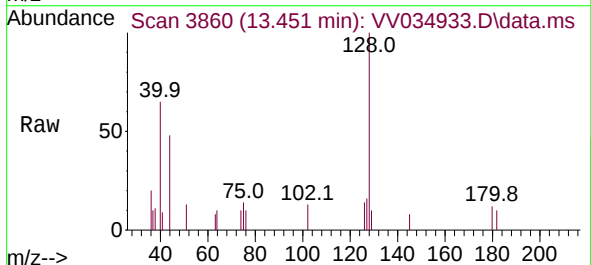
Tgt Ion:128 Resp: 2668

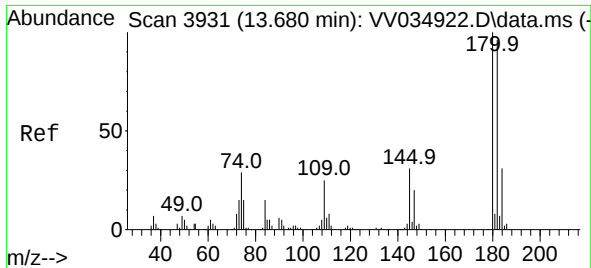
Ion Ratio Lower Upper

128 100

129 5.7 8.6 12.8#

127 11.9 10.7 16.1





#72

1,2,3-Trichlorobenzene

Concen: 3.655 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

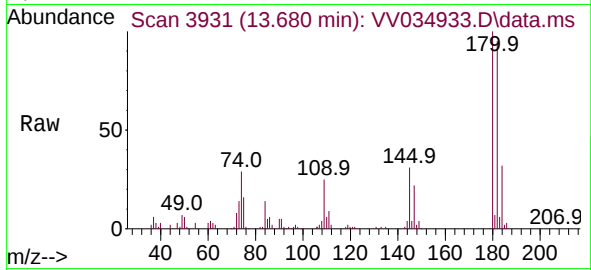
Lab File: VV034933.D

Acq: 02 Apr 2024 15:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 62761

Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.4

145 31.6 25.4 38.2

