

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034952.D
 Acq On : 03 Apr 2024 13:06
 Operator : SY/MD
 Sample : P1925-08DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:52:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

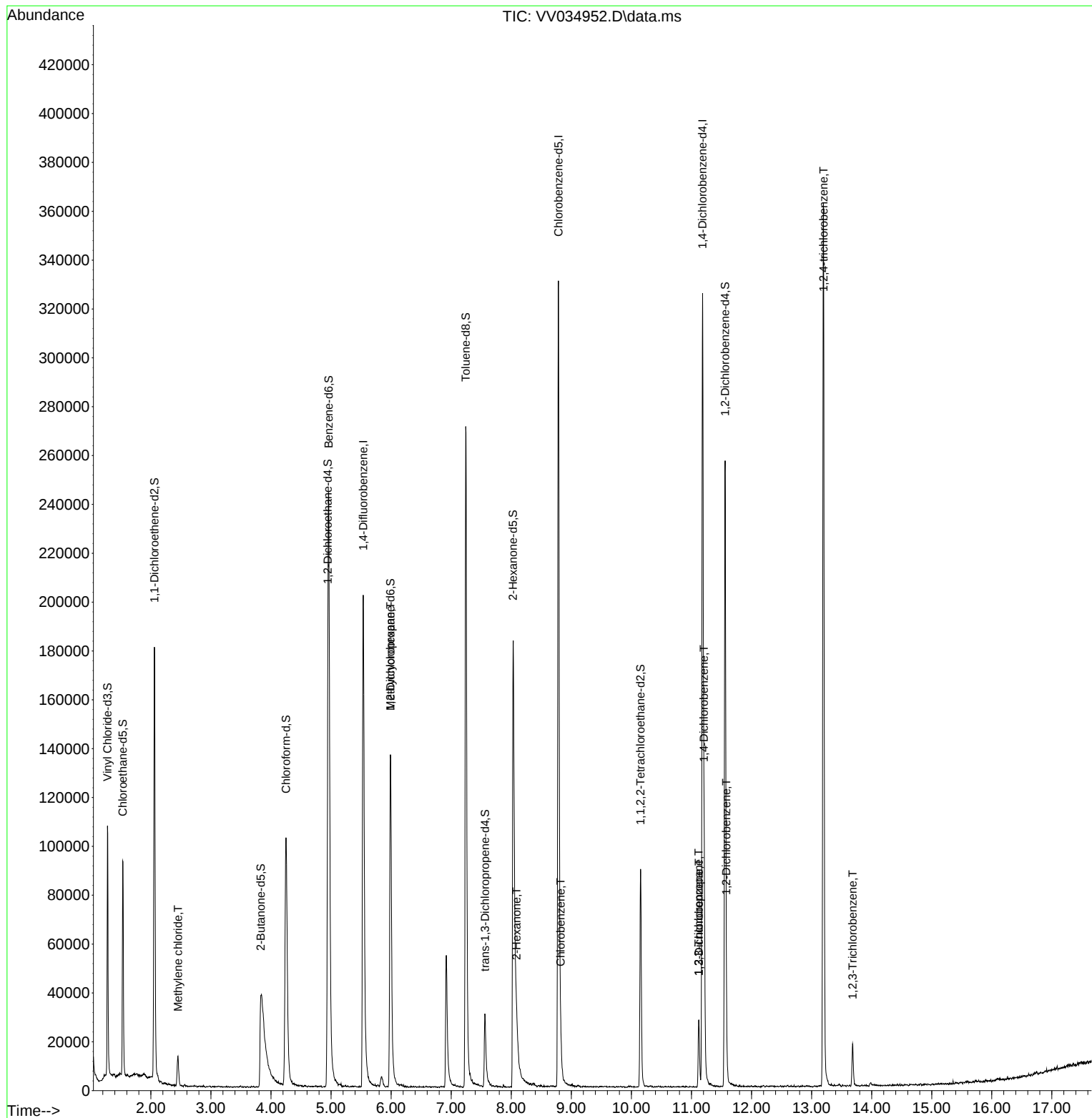
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	182761	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	181900	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64816	4.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.532	69	57497	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.060	65	31022	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.831	46	106430	45.161	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.320%
24) Chloroform-d	4.249	84	113794	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.947	65	55912	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.960	84	230276	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.989	67	72029	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.243	98	189831	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.564	79	20925	4.218	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.030	63	67762	39.797	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.600%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	46134	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	66655	5.096	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
16) Methylene chloride	2.452	84	5085	0.334	ug/L	99
35) Methylcyclohexane	5.989	83	16006	0.724	ug/L #	19
48) 2-Hexanone	8.088	43	17337	3.525	ug/L #	87
51) Chlorobenzene	8.821	112	10639	0.281	ug/L	88
61) 1,2,3-Trichloropropane	11.120	75	3598	0.464	ug/L #	49
64) 1,3-Dichlorobenzene	11.123	146	11172	0.422	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	39452	1.487	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	3883	0.159	ug/L #	86
70) 1,2,4-trichlorobenzene	13.197	180	110174	7.131	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	5452	0.401	ug/L	97

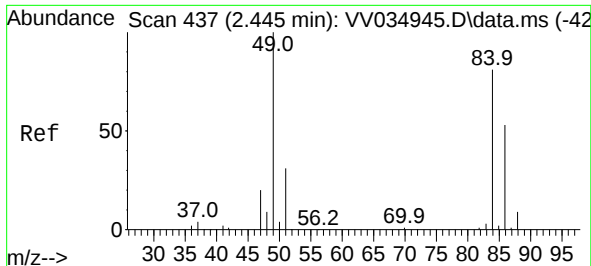
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

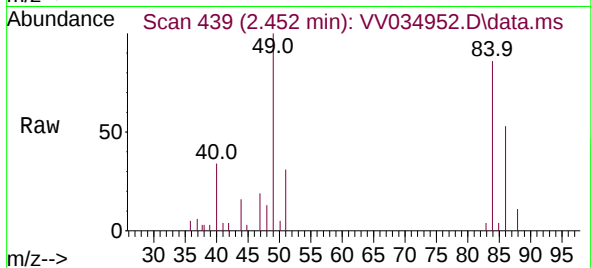
Quant Time: Apr 04 02:52:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
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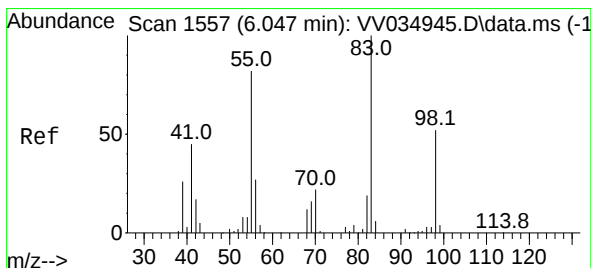
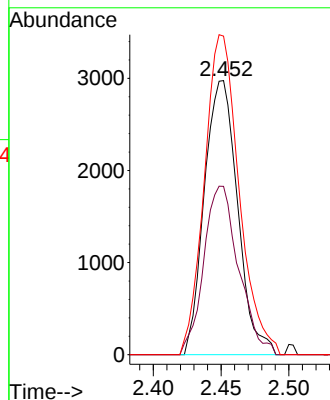
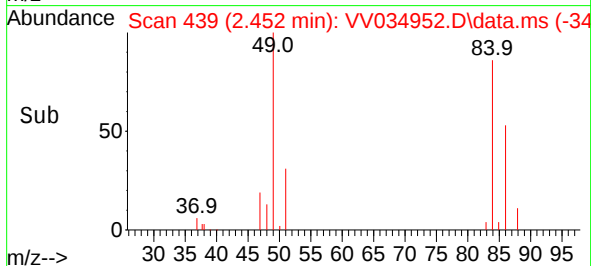


#16
Methylene chloride
Concen: 0.334 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV034952.D
Acq: 03 Apr 2024 13:06

Instrument :
MSVOA_V
ClientSampleId :

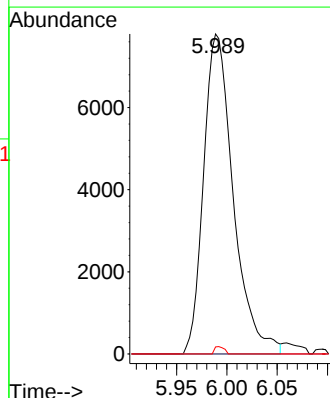
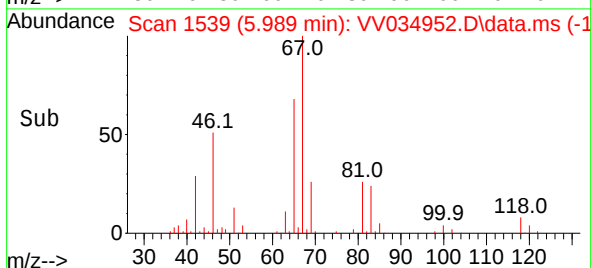
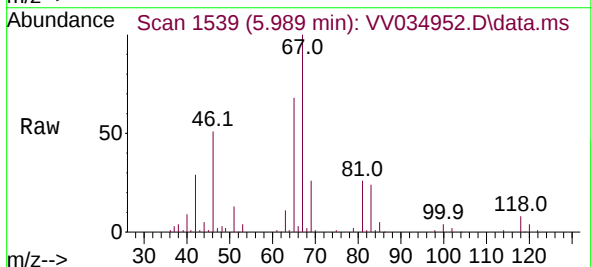


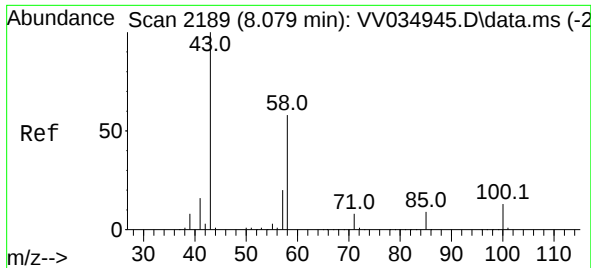
Tgt Ion: 84 Resp: 5085
Ion Ratio Lower Upper
84 100
86 61.4 43.5 80.9
49 116.2 82.5 153.3



#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034952.D
Acq: 03 Apr 2024 13:06

Tgt Ion: 83 Resp: 16006
Ion Ratio Lower Upper
83 100
55 0.0 60.6 91.0#
98 0.7 37.8 56.6#



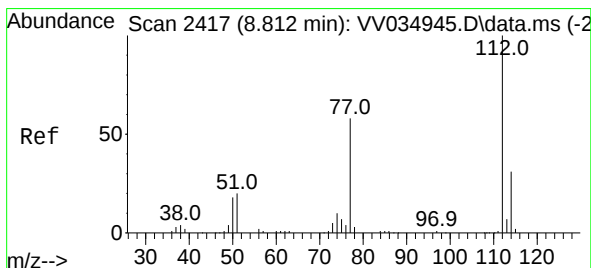
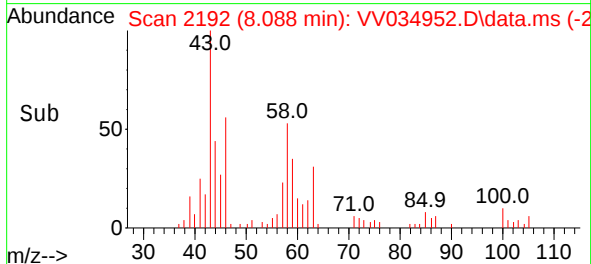
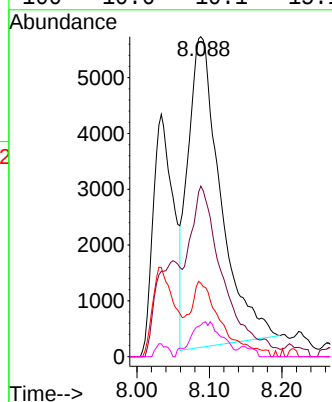
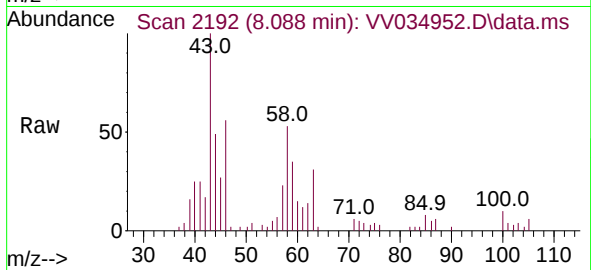


#48
2-Hexanone
Concen: 3.525 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV034952.D
Acq: 03 Apr 2024 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 17337

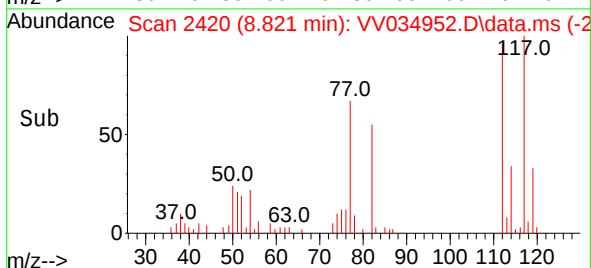
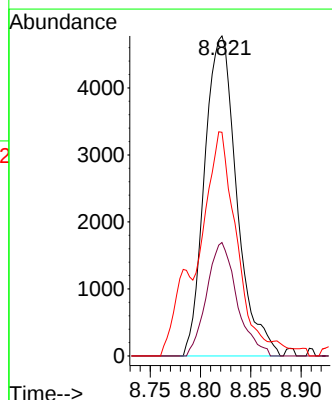
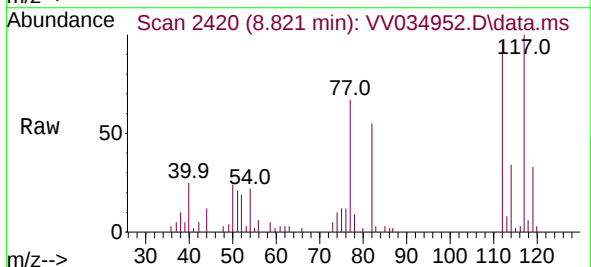
Ion	Ratio	Lower	Upper
43	100		
58	47.9	48.2	72.4#
57	22.7	15.6	23.4
100	10.6	10.1	15.1

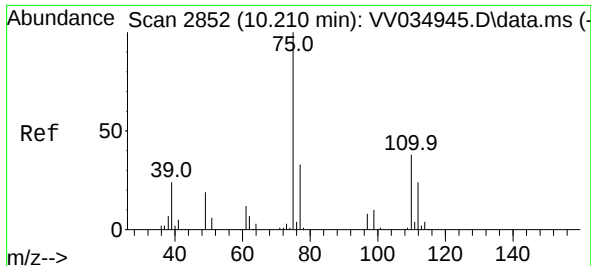


#51
Chlorobenzene
Concen: 0.281 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.010 min
Lab File: VV034952.D
Acq: 03 Apr 2024 13:06

Tgt Ion: 112 Resp: 10639

Ion	Ratio	Lower	Upper
112	100		
114	35.5	21.9	40.7
77	69.9	47.4	71.2





#61

1,2,3-Trichloropropane

Concen: 0.464 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.910 min

Lab File: VV034952.D

Acq: 03 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

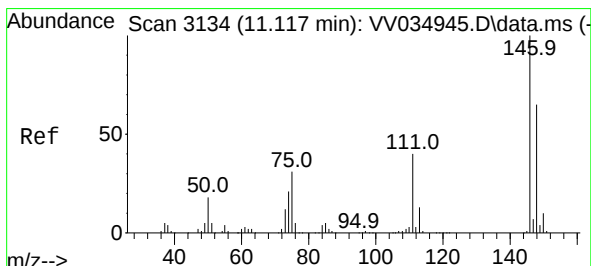
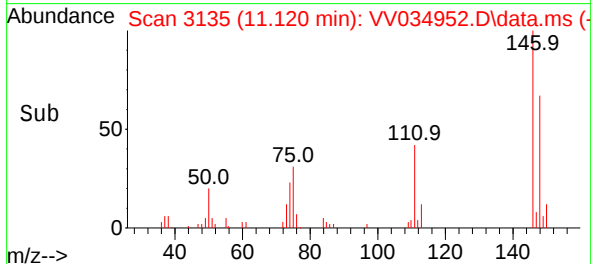
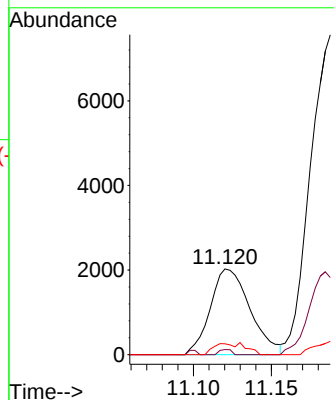
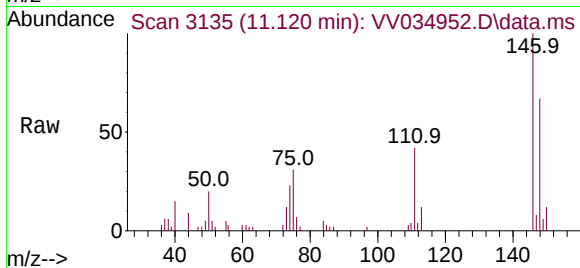
Tgt Ion: 75 Resp: 3598

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

110 10.5 31.0 46.6#



#64

1,3-Dichlorobenzene

Concen: 0.422 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. 0.006 min

Lab File: VV034952.D

Acq: 03 Apr 2024 13:06

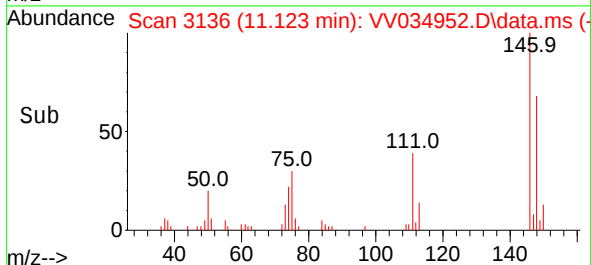
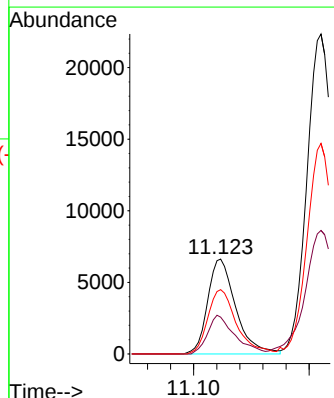
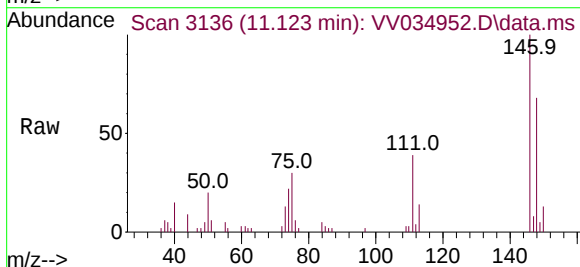
Tgt Ion:146 Resp: 11172

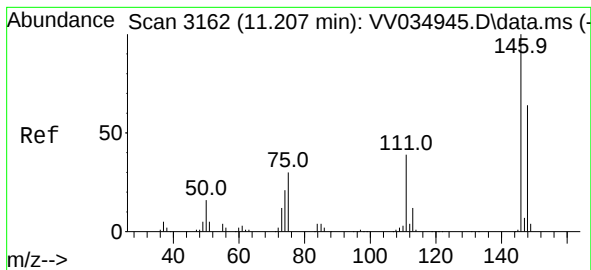
Ion Ratio Lower Upper

146 100

111 38.7 27.7 51.5

148 67.8 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 1.487 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034952.D

Acq: 03 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

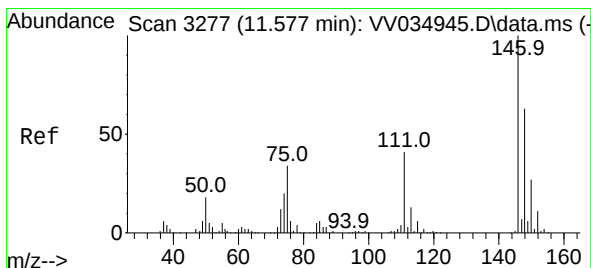
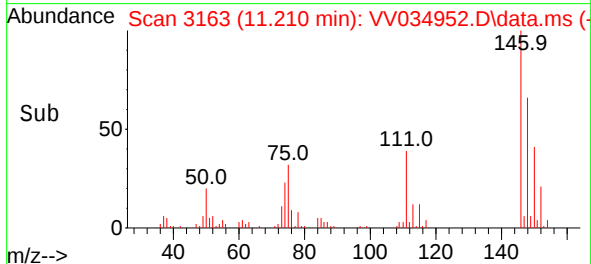
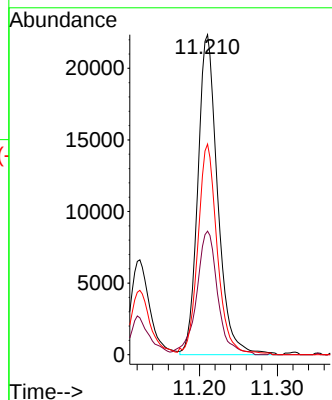
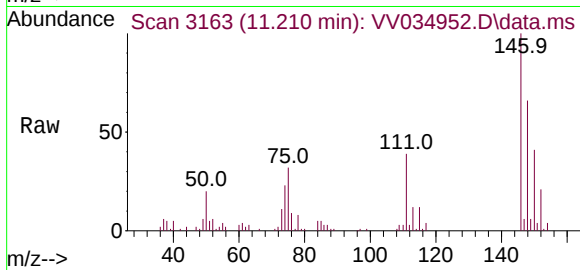
Tgt Ion:146 Resp: 39452

Ion Ratio Lower Upper

146 100

111 38.6 27.3 50.7

148 65.8 43.5 80.7



#67

1,2-Dichlorobenzene

Concen: 0.159 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV034952.D

Acq: 03 Apr 2024 13:06

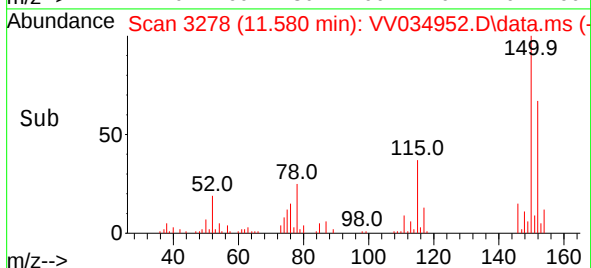
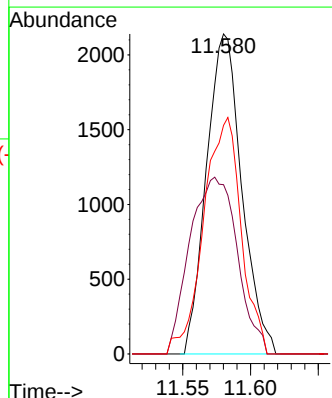
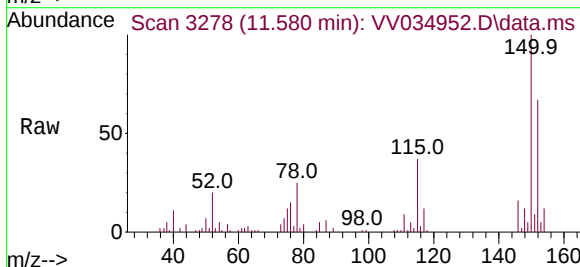
Tgt Ion:146 Resp: 3883

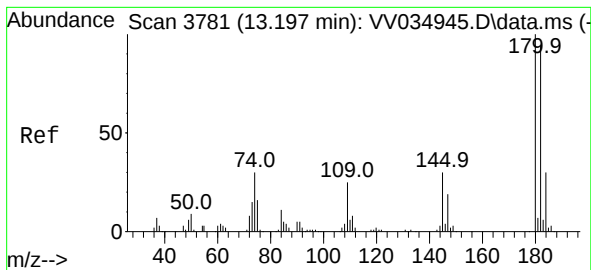
Ion Ratio Lower Upper

146 100

111 52.9 33.9 50.9#

148 71.4 49.3 73.9





#70

1,2,4-trichlorobenzene

Concen: 7.131 ug/L

RT: 13.197 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034952.D

Acq: 03 Apr 2024 13:06

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MSVOA_V

ClientSampleId :

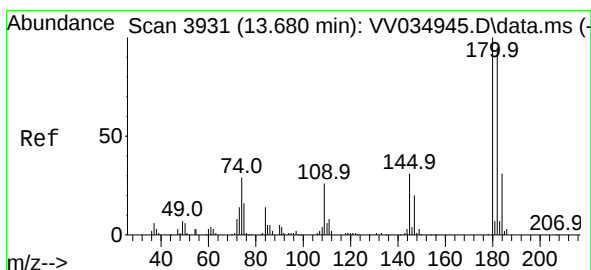
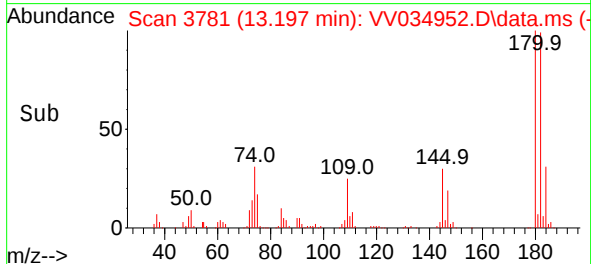
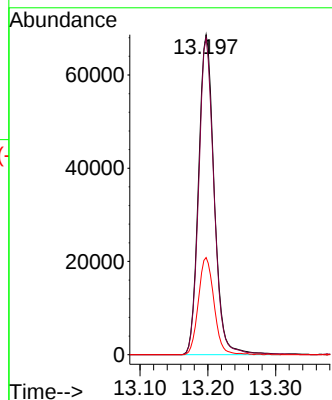
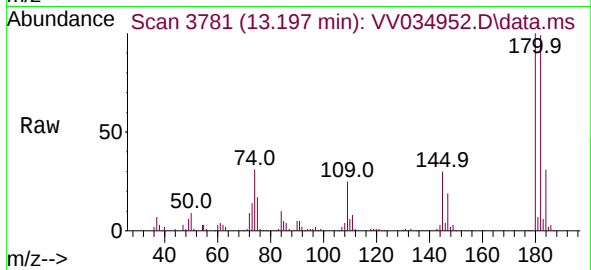
Tgt Ion:180 Resp: 110174

Ion Ratio Lower Upper

180 100

182 96.3 75.3 112.9

145 30.3 23.4 35.0



#72

1,2,3-Trichlorobenzene

Concen: 0.401 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034952.D

Acq: 03 Apr 2024 13:06

Tgt Ion:180 Resp: 5452

Ion Ratio Lower Upper

180 100

182 94.1 77.0 115.4

145 29.7 25.4 38.2

