

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036303.D
 Acq On : 27 Jun 2024 11:02
 Operator : SY/MD
 Sample : VV0627SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 00:45:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
 Response via : Initial Calibration

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

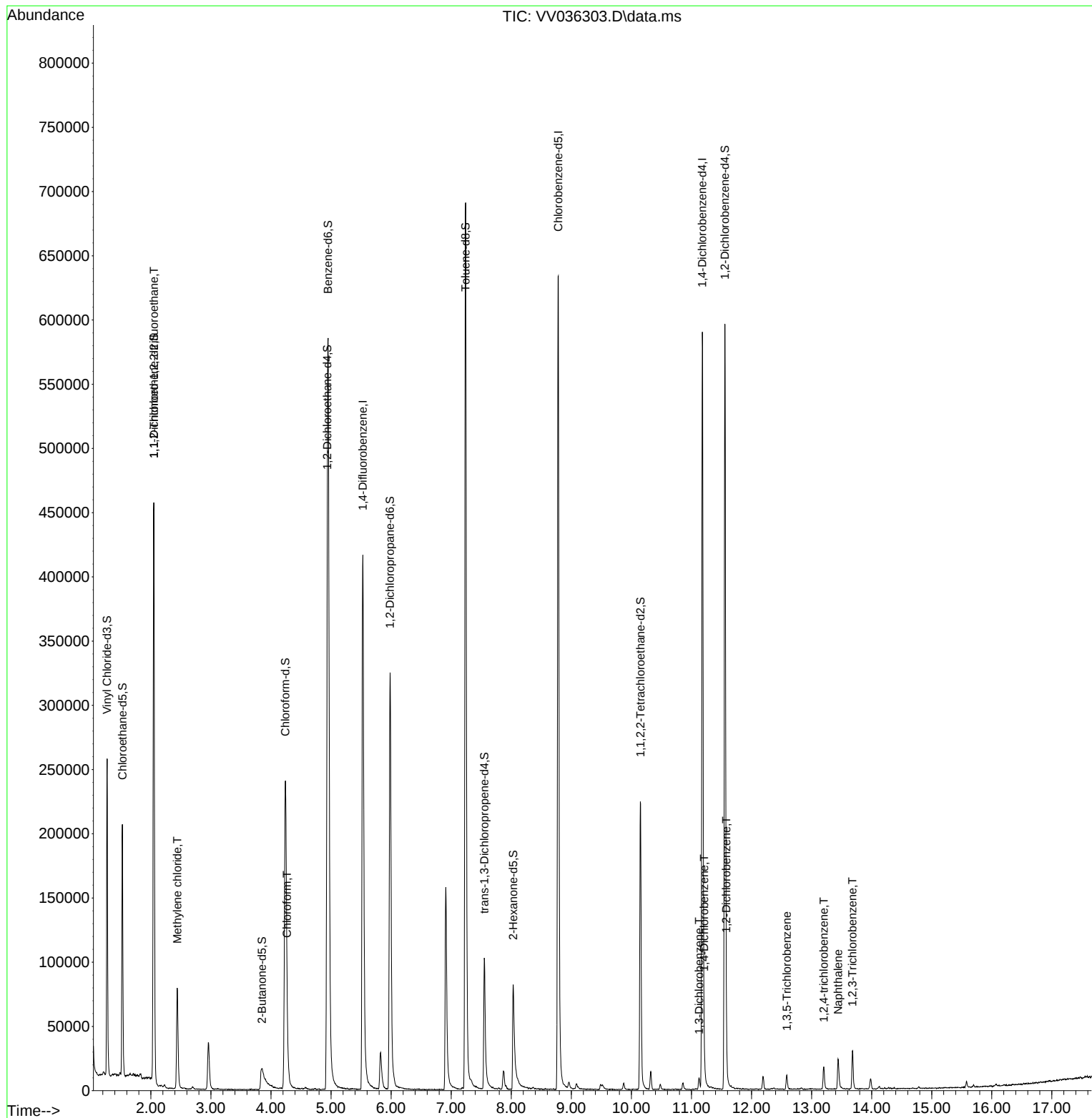
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	378228	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	366760	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	156214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	168492	26.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.920%
7) Chloroethane-d5	1.526	69	134128	26.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.560%
11) 1,1-Dichloroethene-d2	2.050	65	76977	25.492	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.960%
21) 2-Butanone-d5	3.851	46	28221	18.930	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.860%
24) Chloroform-d	4.240	84	266397	23.861	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.440%
26) 1,2-Dichloroethane-d4	4.937	65	144640	24.294	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	4.950	84	547740	26.456	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.840%
36) 1,2-Dichloropropane-d6	5.982	67	164039	26.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.360%
41) Toluene-d8	7.239	98	478456	25.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.520%
43) trans-1,3-Dichloroprop...	7.551	79	66969	24.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.320%
47) 2-Hexanone-d5	8.034	63	33264	33.463	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.920%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	112467	22.032	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	155272	27.276	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.120%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2792	0.415	ug/L	# 41
16) Methylene chloride	2.439	84	36132	4.852	ug/L	99
25) Chloroform	4.269	83	8131	0.725	ug/L	85
64) 1,3-Dichlorobenzene	11.130	146	4164	0.423	ug/L	93
65) 1,4-Dichlorobenzene	11.210	146	5942	0.563	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	5049	0.537	ug/L	94
69) 1,3,5-Trichlorobenzene	12.587	180	3988	0.538	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	6122	1.036	ug/L	98
71) Naphthalene	13.442	128	21734	2.063	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	6464	1.163	ug/L	96

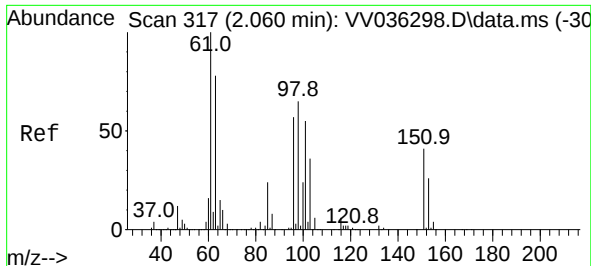
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
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Acq On : 27 Jun 2024 11:02
Operator : SY/MD
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Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 28 00:45:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 00:39:40 2024
Response via : Initial Calibration

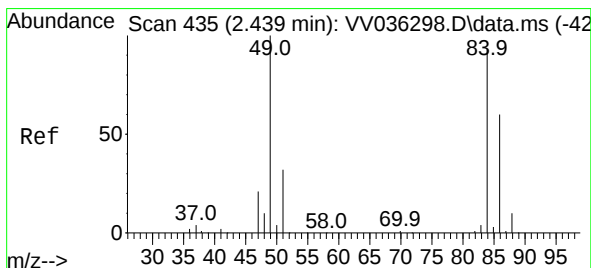
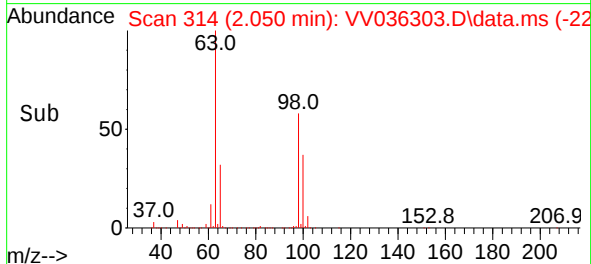
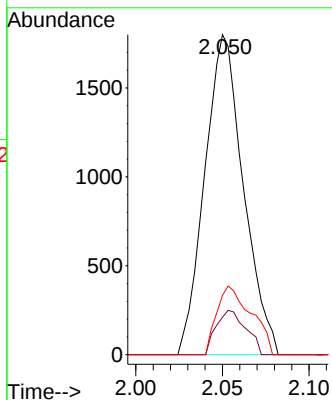
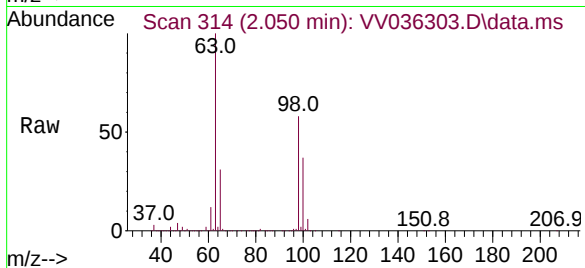




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.415 ug/L
RT: 2.050 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV036303.D
Acq: 27 Jun 2024 11:02

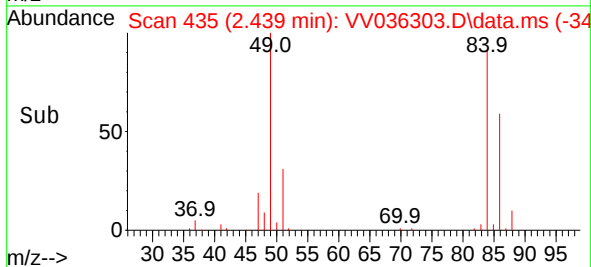
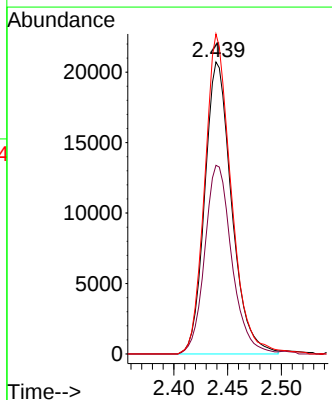
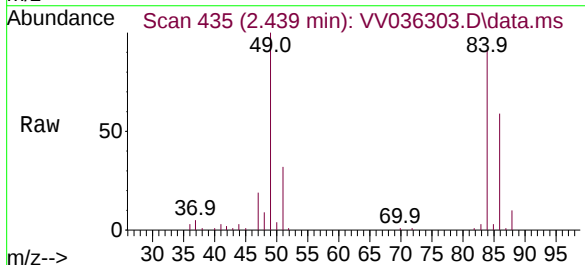
Instrument :
MSVOA_V
ClientSampleId :

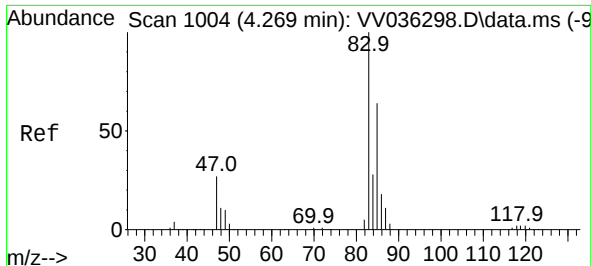
Tgt Ion:101 Resp: 2792
Ion Ratio Lower Upper
101 100
85 10.7 34.6 51.8#
151 19.2 58.9 88.3#



#16
Methylene chloride
Concen: 4.852 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036303.D
Acq: 27 Jun 2024 11:02

Tgt Ion: 84 Resp: 36132
Ion Ratio Lower Upper
84 100
86 64.6 45.6 84.8
49 109.6 75.7 140.5





#25

Chloroform

Concen: 0.725 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036303.D

Acq: 27 Jun 2024 11:02

Instrument :

MSVOA_V

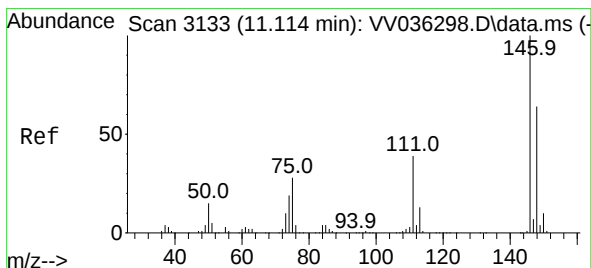
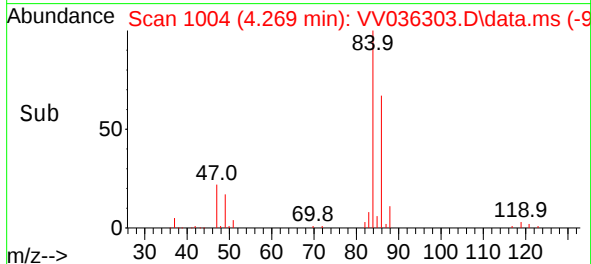
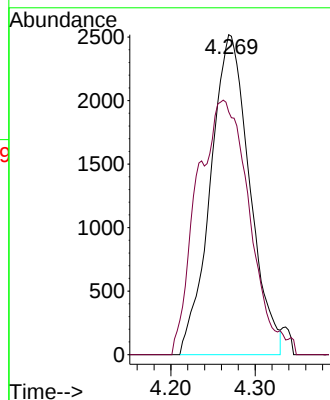
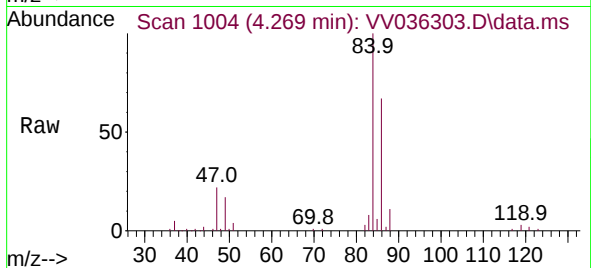
ClientSampleId :

Tgt Ion: 83 Resp: 8131

Ion Ratio Lower Upper

83 100

85 75.9 45.0 83.6



#64

1,3-Dichlorobenzene

Concen: 0.423 ug/L

RT: 11.130 min Scan# 3138

Delta R.T. 0.016 min

Lab File: VV036303.D

Acq: 27 Jun 2024 11:02

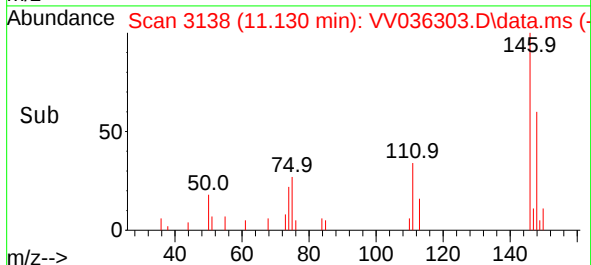
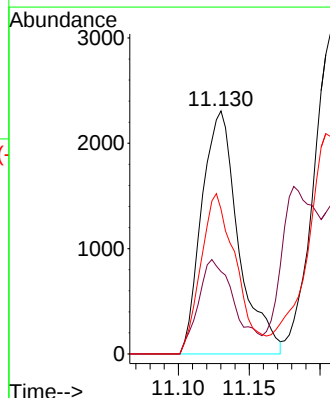
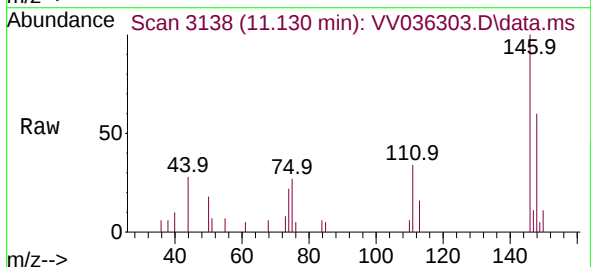
Tgt Ion:146 Resp: 4164

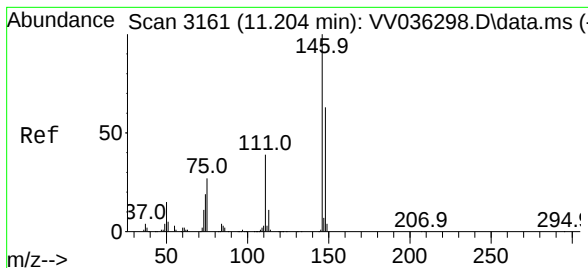
Ion Ratio Lower Upper

146 100

111 33.9 27.5 51.1

148 59.6 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 0.563 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV036303.D

Acq: 27 Jun 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :

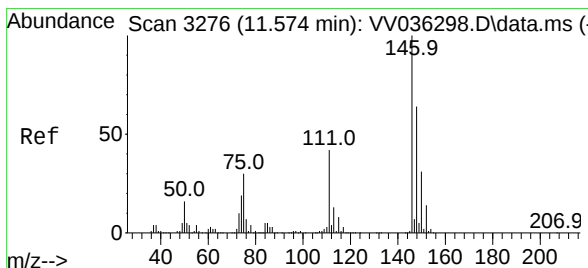
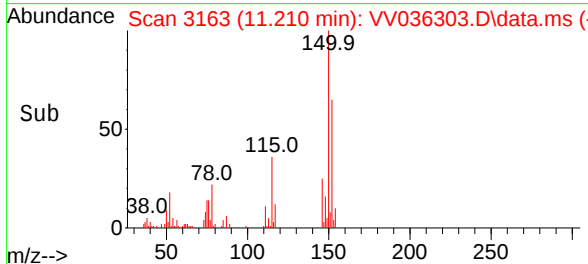
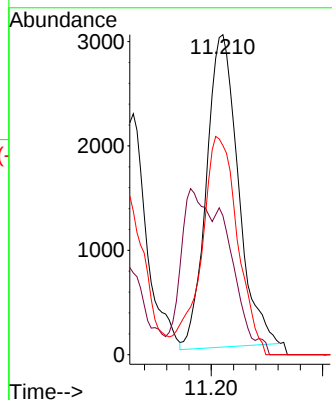
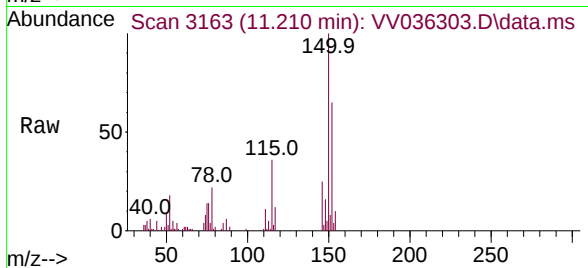
Tgt Ion:146 Resp: 5942

Ion Ratio Lower Upper

146 100

111 43.4 27.5 51.1

148 65.4 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 0.537 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.006 min

Lab File: VV036303.D

Acq: 27 Jun 2024 11:02

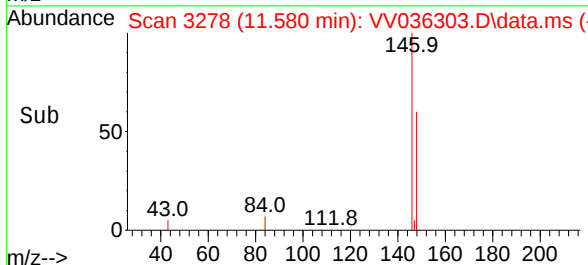
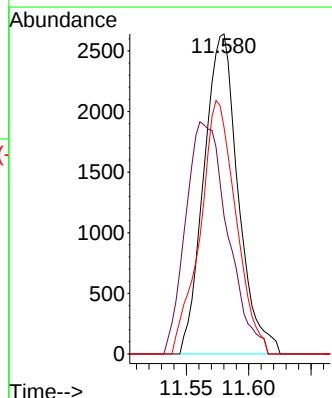
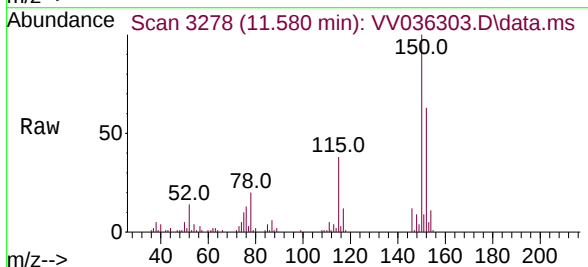
Tgt Ion:146 Resp: 5049

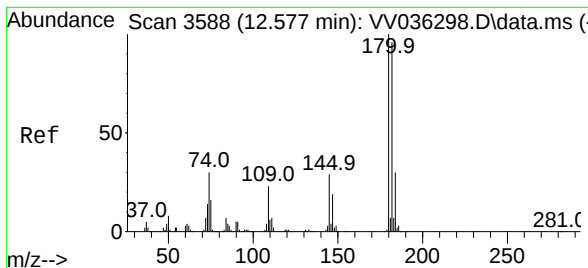
Ion Ratio Lower Upper

146 100

111 43.1 33.3 49.9

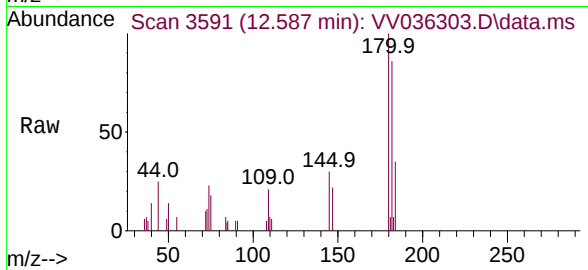
148 70.9 51.1 76.7



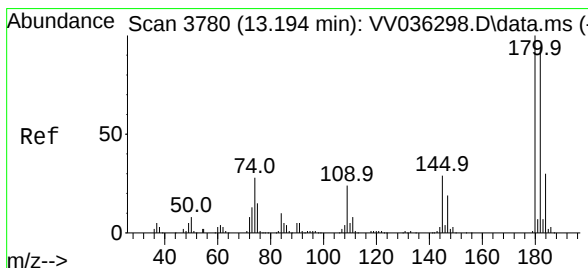
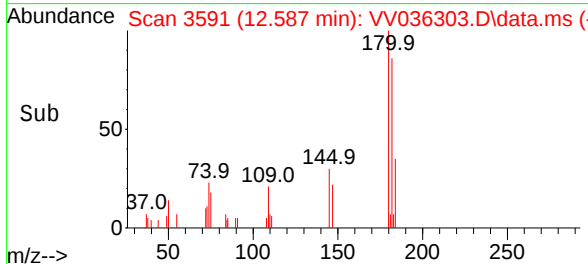
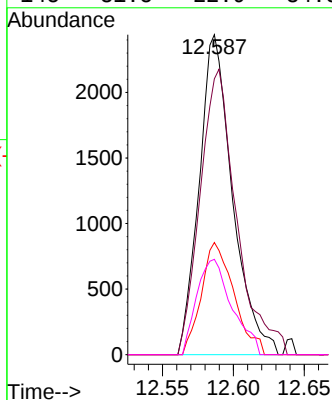


#69
1,3,5-Trichlorobenzene
Concen: 0.538 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.010 min
Lab File: VV036303.D
Acq: 27 Jun 2024 11:02

Instrument :
MSVOA_V
ClientSampleId :

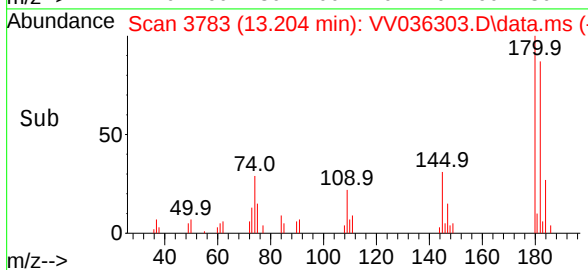
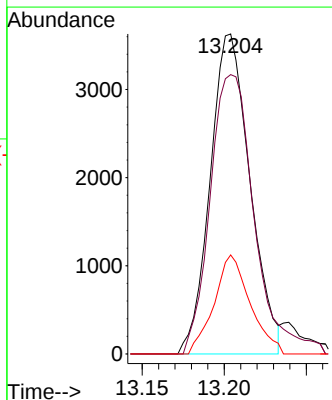
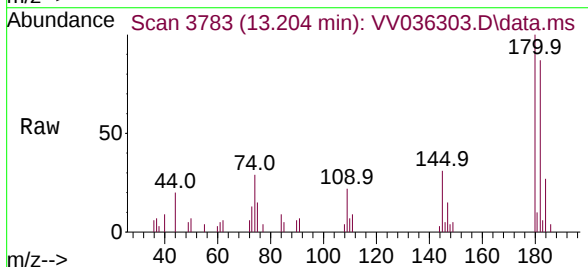


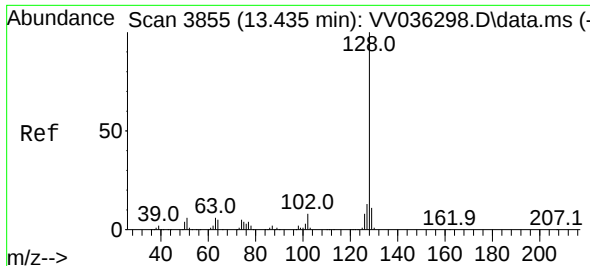
Tgt Ion:	180	Resp:	3988
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.2	114.4
184	33.1	23.3	34.9
145	31.5	22.9	34.3



#70
1,2,4-trichlorobenzene
Concen: 1.036 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.010 min
Lab File: VV036303.D
Acq: 27 Jun 2024 11:02

Tgt Ion:	180	Resp:	6122
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.1	114.1
145	28.0	23.8	35.8

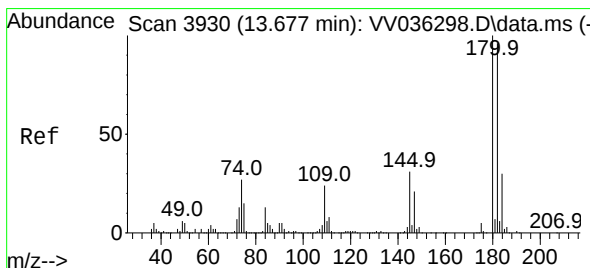
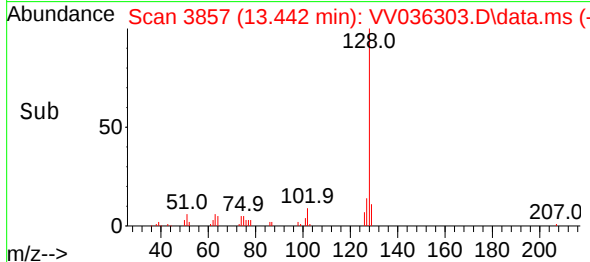
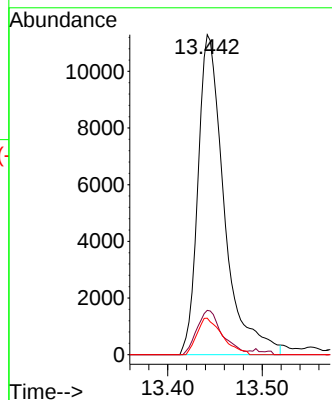
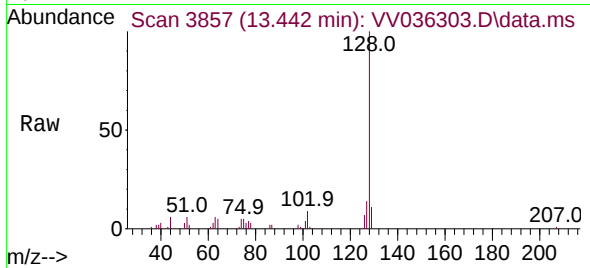




#71
Naphthalene
Concen: 2.063 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.006 min
Lab File: VV036303.D
Acq: 27 Jun 2024 11:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	21734
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.8	16.2
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.163 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV036303.D
Acq: 27 Jun 2024 11:02

Tgt Ion:	180	Resp:	6464
Ion Ratio	Lower	Upper	
180	100		
182	98.1	76.7	115.1
145	35.4	25.0	37.4

