

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
 Data File : VV036083.D
 Acq On : 14 Jun 2024 10:17
 Operator : SY/MD
 Sample : VV0614SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 15 01:31:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

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

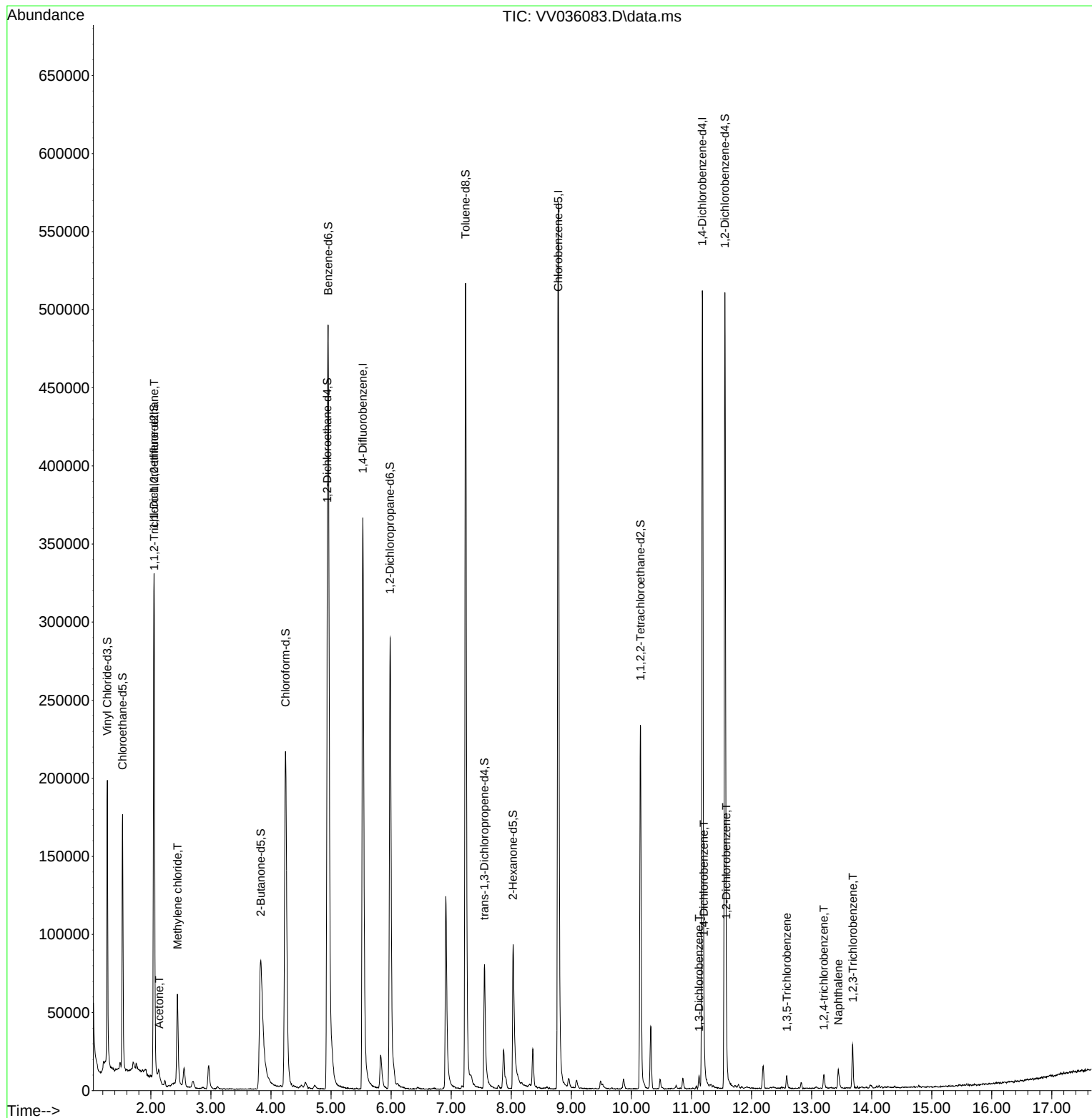
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	323405	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	138402	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	114816	19.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.240%
7) Chloroethane-d5	1.529	69	106505	22.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.840%
11) 1,1-Dichloroethene-d2	2.053	65	55439	20.945	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.760%
21) 2-Butanone-d5	3.831	46	57608	42.229	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.460%
24) Chloroform-d	4.243	84	240266	23.368	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.480%
26) 1,2-Dichloroethane-d4	4.937	65	122762	22.773	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	4.953	84	445477	23.255	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	5.982	67	151531	25.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	7.239	98	360528	21.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	7.555	79	51685	20.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.600%
47) 2-Hexanone-d5	8.030	63	38272	46.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.660%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	118692	26.329	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	134637	26.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.120%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3118	0.562	ug/L #	65
13) Acetone	2.140	43	6439	3.030	ug/L	94
16) Methylene chloride	2.442	84	24469	3.344	ug/L	94
64) 1,3-Dichlorobenzene	11.127	146	3469	0.372	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	4153	0.431	ug/L	90
67) 1,2-Dichlorobenzene	11.580	146	3399	0.387	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.586	180	3063	0.439	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	3174	0.578	ug/L	93
71) Naphthalene	13.445	128	11122	1.241	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	3381	0.675	ug/L	97

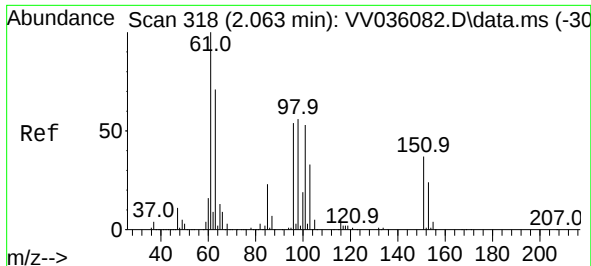
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
Data File : VV036083.D
Acq On : 14 Jun 2024 10:17
Operator : SY/MD
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Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

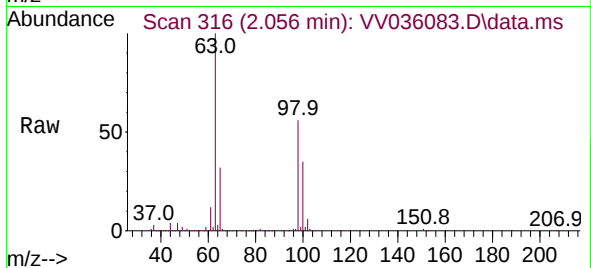
Quant Time: Jun 15 01:31:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 15 01:30:52 2024
Response via : Initial Calibration



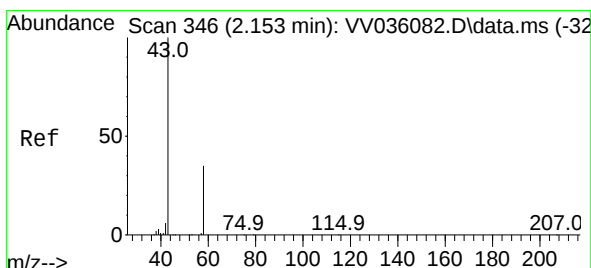
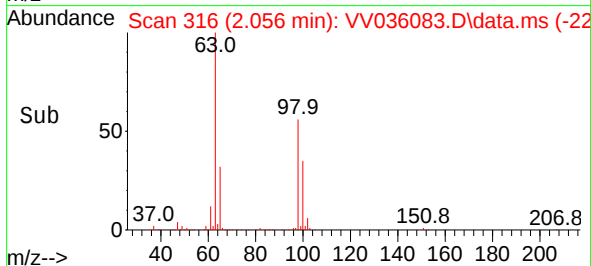
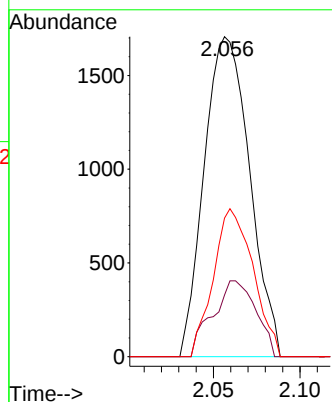


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.562 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.007 min
Lab File: VV036083.D
Acq: 14 Jun 2024 10:17

Instrument :
MSVOA_V
ClientSampleId :

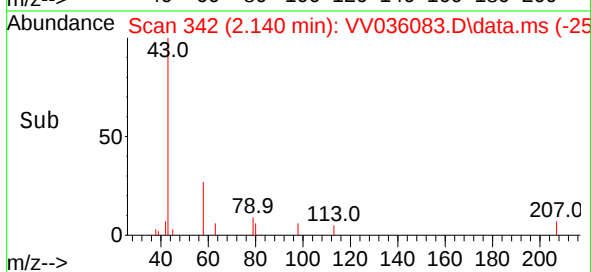
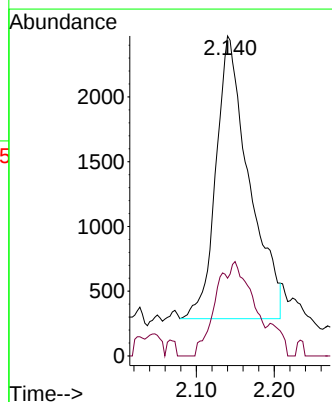
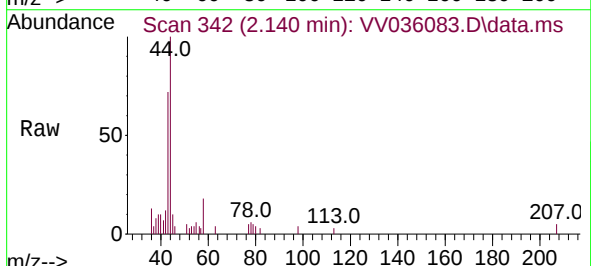


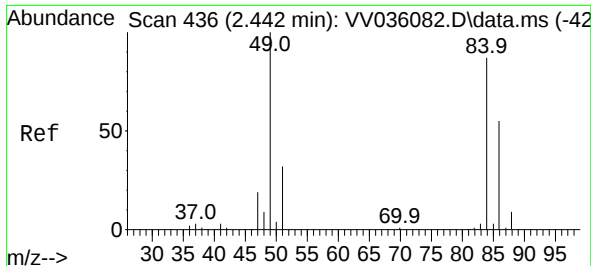
Tgt Ion:101 Resp: 3118
Ion Ratio Lower Upper
101 100
85 22.6 34.5 51.7#
151 40.4 56.3 84.5#



#13
Acetone
Concen: 3.030 ug/L
RT: 2.140 min Scan# 342
Delta R.T. -0.013 min
Lab File: VV036083.D
Acq: 14 Jun 2024 10:17

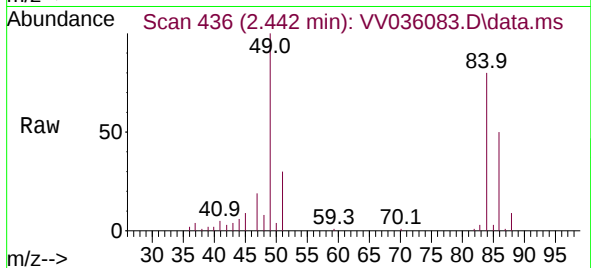
Tgt Ion: 43 Resp: 6439
Ion Ratio Lower Upper
43 100
58 9.6 0.0 24.2



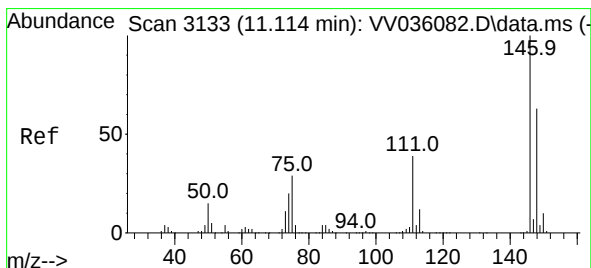
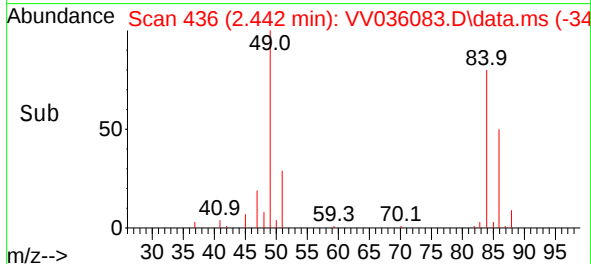
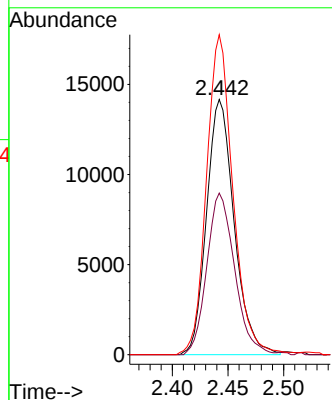


#16
Methylene chloride
Concen: 3.344 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036083.D
Acq: 14 Jun 2024 10:17

Instrument :
MSVOA_V
ClientSampleId :

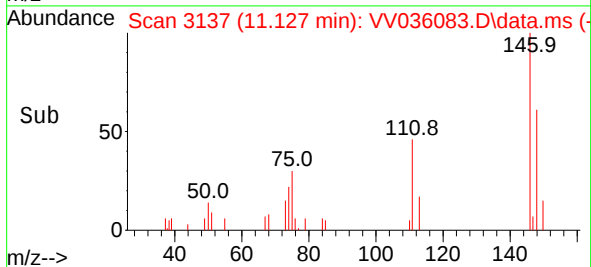
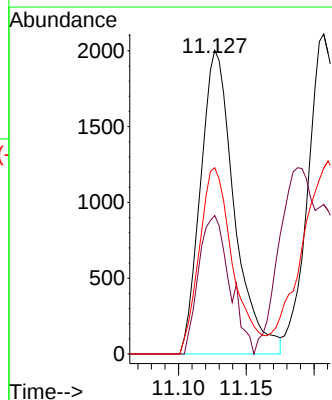
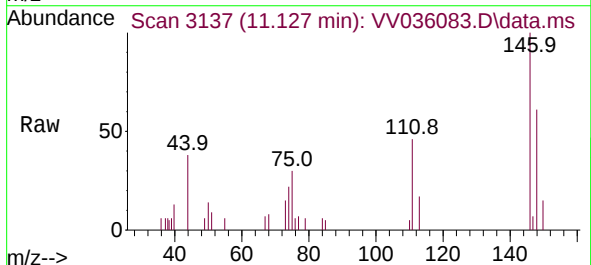


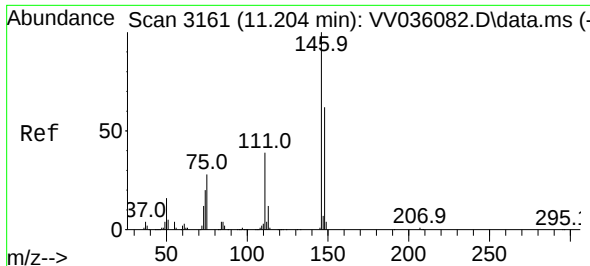
Tgt Ion: 84 Resp: 24469
Ion Ratio Lower Upper
84 100
86 63.3 44.6 82.8
49 125.4 81.1 150.5



#64
1,3-Dichlorobenzene
Concen: 0.372 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV036083.D
Acq: 14 Jun 2024 10:17

Tgt Ion:146 Resp: 3469
Ion Ratio Lower Upper
146 100
111 45.6 28.1 52.1
148 61.4 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 0.431 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036083.D

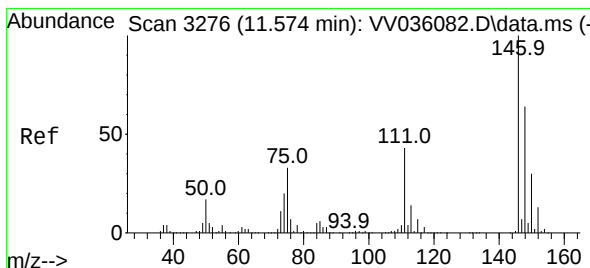
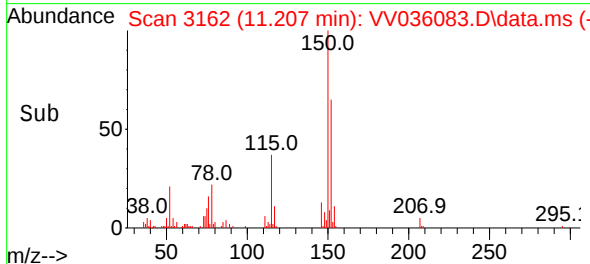
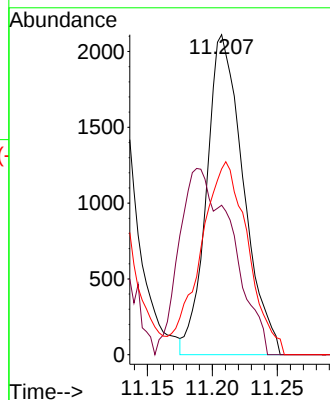
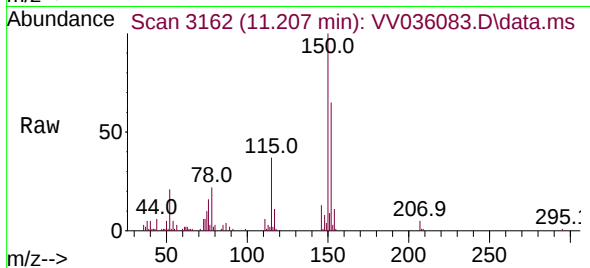
Acq: 14 Jun 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:146	Resp:	4153
Ion Ratio	Lower	Upper
146	100	
111	46.7	26.9 50.1
148	58.1	44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 0.387 ug/L

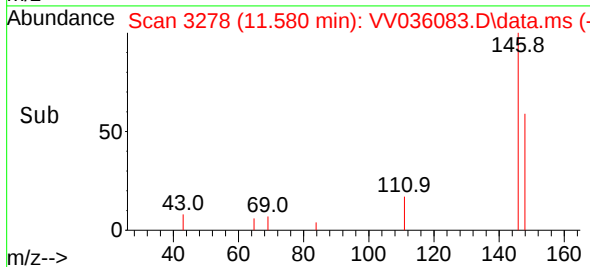
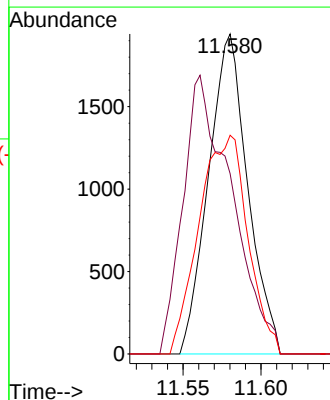
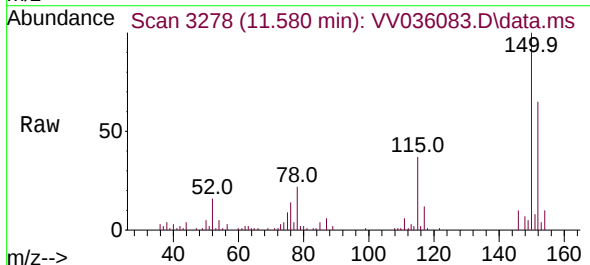
RT: 11.580 min Scan# 3278

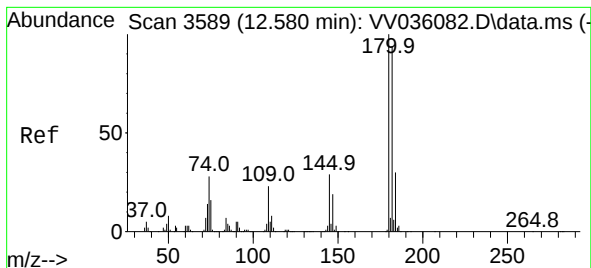
Delta R.T. 0.006 min

Lab File: VV036083.D

Acq: 14 Jun 2024 10:17

Tgt Ion:146	Resp:	3399
Ion Ratio	Lower	Upper
146	100	
111	56.4	33.5 50.3#
148	68.4	50.9 76.3





#69

1,3,5-Trichlorobenzene

Concen: 0.439 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.006 min

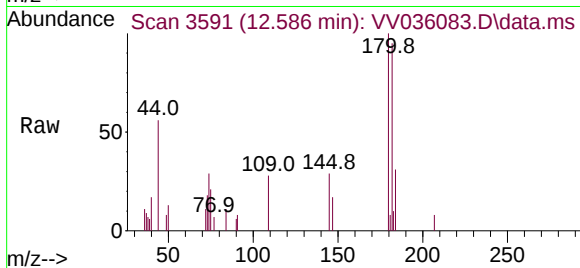
Lab File: VV036083.D

Acq: 14 Jun 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3063

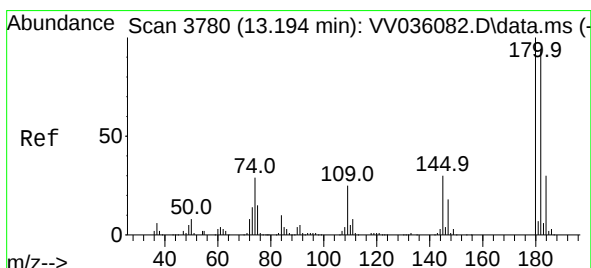
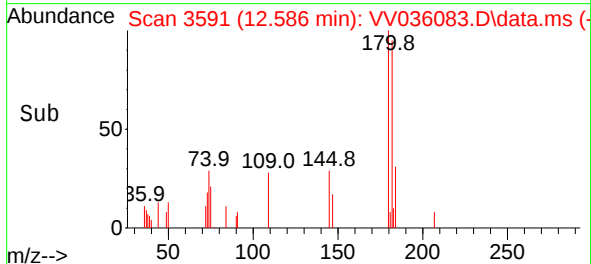
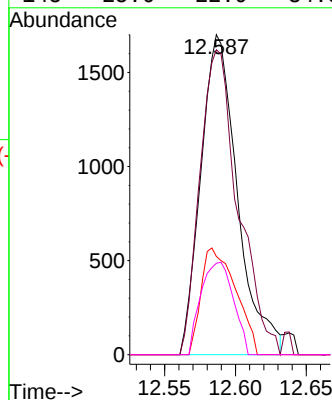
Ion Ratio Lower Upper

180 100

182 99.4 76.2 114.4

184 31.4 24.2 36.2

145 25.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 0.578 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.009 min

Lab File: VV036083.D

Acq: 14 Jun 2024 10:17

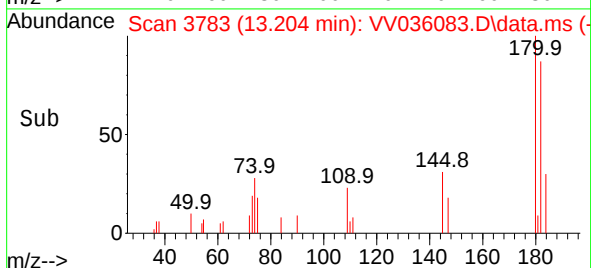
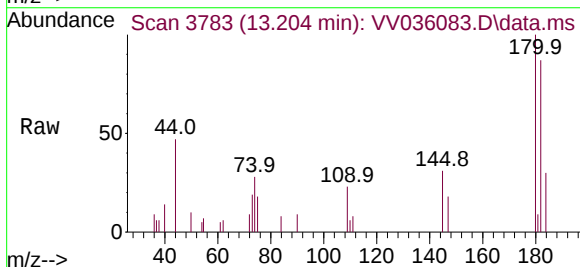
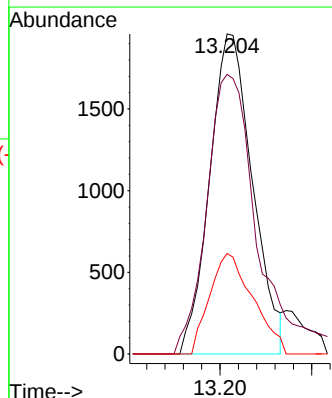
Tgt Ion:180 Resp: 3174

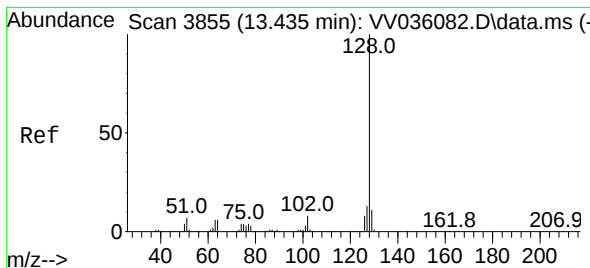
Ion Ratio Lower Upper

180 100

182 103.1 76.1 114.1

145 31.6 23.5 35.3





#71

Naphthalene

Concen: 1.241 ug/L

RT: 13.445 min Scan# 3855

Delta R.T. 0.009 min

Lab File: VV036083.D

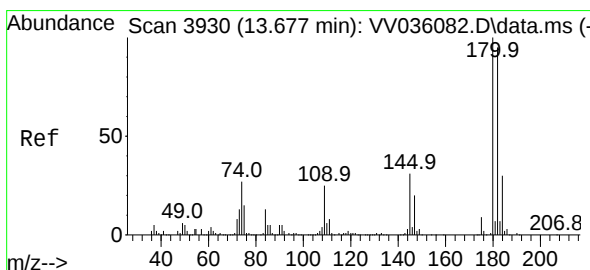
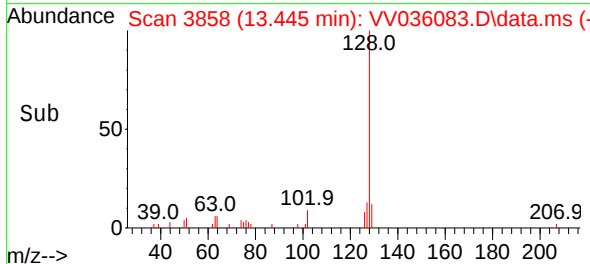
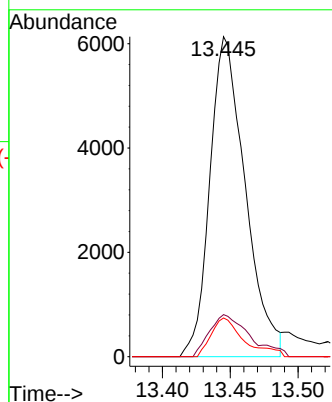
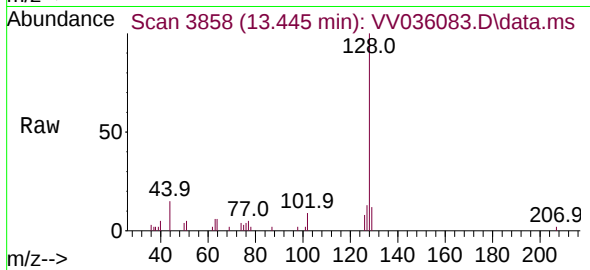
Acq: 14 Jun 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	11122
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.6 16.0
129	11.2	8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 0.675 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.009 min

Lab File: VV036083.D

Acq: 14 Jun 2024 10:17

Tgt Ion:180	Resp:	3381
Ion Ratio	Lower	Upper
180	100	
182	91.6	75.1 112.7
145	28.0	25.2 37.8

