

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035363.D
 Acq On : 23 Apr 2024 15:57
 Operator : SY/MD
 Sample : P2235-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:30:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

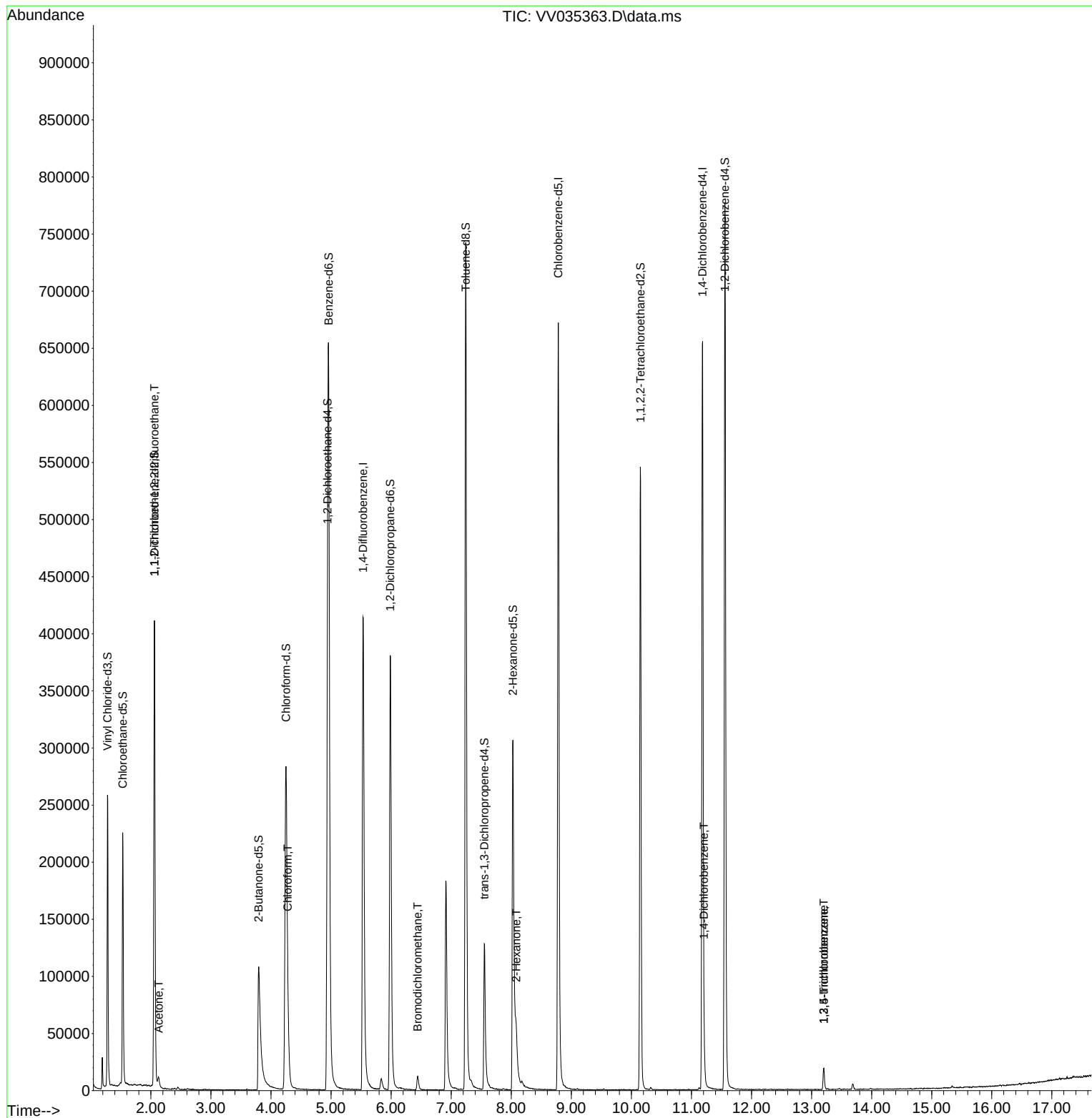
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	380126	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	387227	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	181737	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167369	45.591	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.180%		
7) Chloroethane-d5	1.532	69	140994	44.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.440%		
11) 1,1-Dichloroethene-d2	2.059	65	70145	43.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.180%		
21) 2-Butanone-d5	3.796	46	194622	89.389	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.390%		
24) Chloroform-d	4.249	84	303302	49.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.280%		
26) 1,2-Dichloroethane-d4	4.940	65	190819	48.694	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.380%		
32) Benzene-d6	4.960	84	597212	45.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
36) 1,2-Dichloropropane-d6	5.985	67	195392	47.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.620%		
41) Toluene-d8	7.243	98	511071	43.629	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.260%		
43) trans-1,3-Dichloroprop...	7.554	79	83769	41.718	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.440%		
47) 2-Hexanone-d5	8.027	63	107447	68.804	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.800%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	268648	47.232	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.460%		
66) 1,2-Dichlorobenzene-d4	11.558	152	207962	50.966	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.940%		
Target Compounds					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	2089	0.700	ug/L #	24
13) Acetone	2.130	43	8917	4.461	ug/L	97
25) Chloroform	4.278	83	51042	9.127	ug/L	99
38) Bromodichloromethane	6.442	83	9329	2.072	ug/L	88
48) 2-Hexanone	8.085	43	32201	8.498	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	7381	1.185	ug/L	92
69) 1,3,5-Trichlorobenzene	13.204	180	6903	1.564	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	6903	1.703	ug/L	97

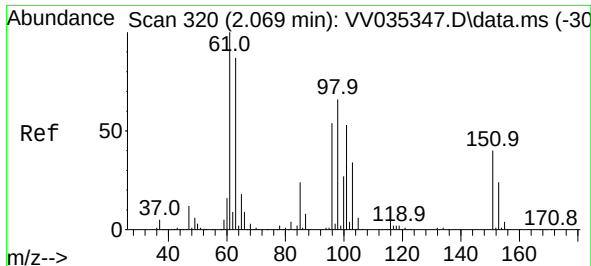
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.700 ug/L

RT: 2.059 min Scan# 317

Delta R.T. -0.010 min

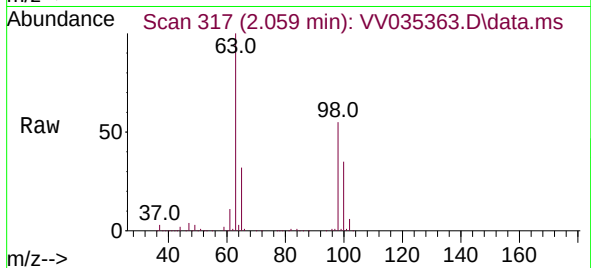
Lab File: VV035363.D

Acq: 23 Apr 2024 15:57

Instrument :

MSVOA_V

ClientSampleId :



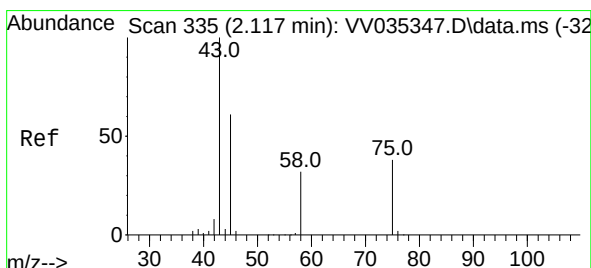
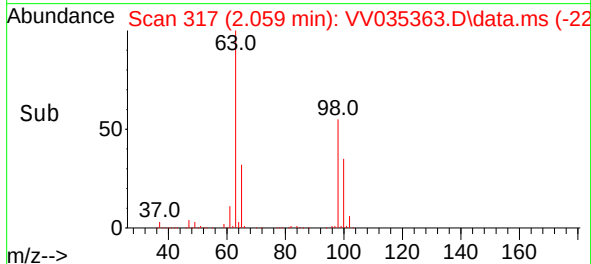
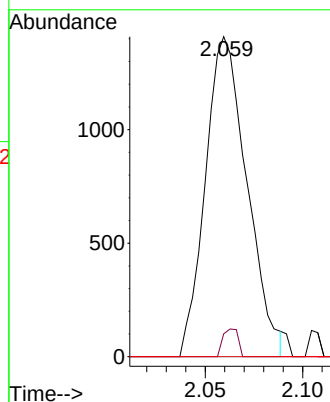
Tgt Ion:101 Resp: 2089

Ion Ratio Lower Upper

101 100

85 3.2 35.3 52.9#

151 0.0 55.0 82.4#



#13

Acetone

Concen: 4.461 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.013 min

Lab File: VV035363.D

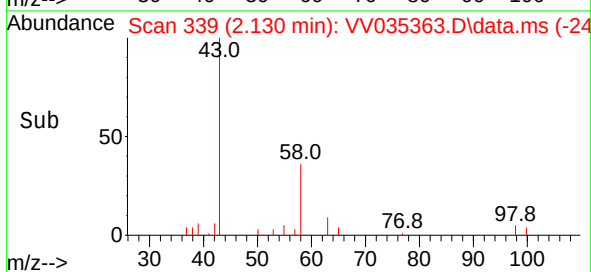
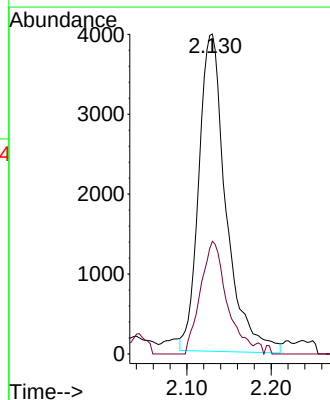
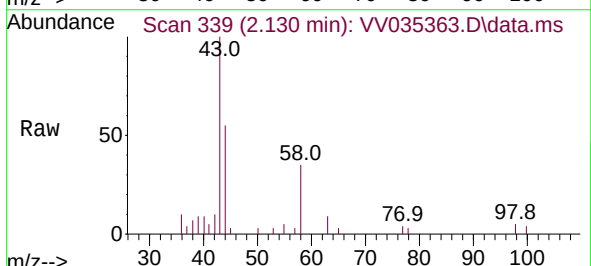
Acq: 23 Apr 2024 15:57

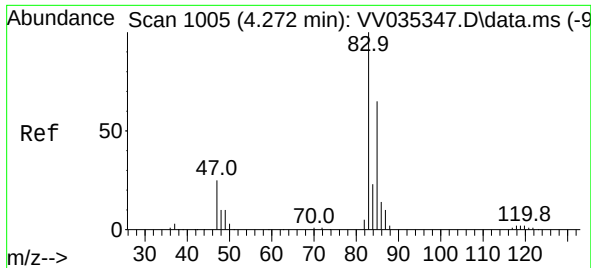
Tgt Ion: 43 Resp: 8917

Ion Ratio Lower Upper

43 100

58 34.5 0.0 66.0





#25

Chloroform

Concen: 9.127 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035363.D

Acq: 23 Apr 2024 15:57

Instrument :

MSVOA_V

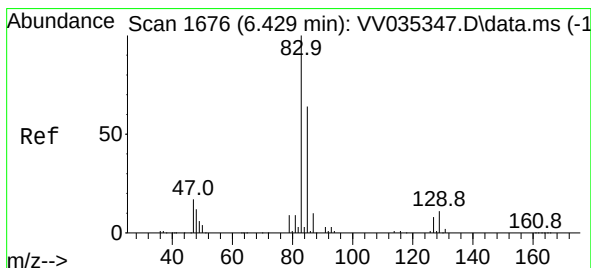
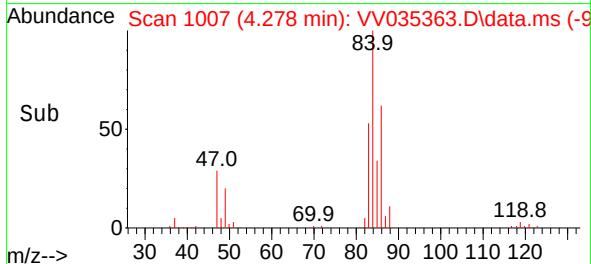
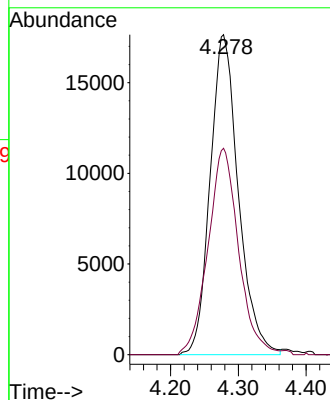
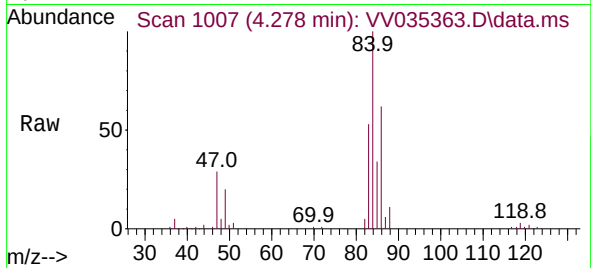
ClientSampleId :

Tgt Ion: 83 Resp: 51042

Ion Ratio Lower Upper

83 100

85 64.5 46.0 85.4



#38

Bromodichloromethane

Concen: 2.072 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VV035363.D

Acq: 23 Apr 2024 15:57

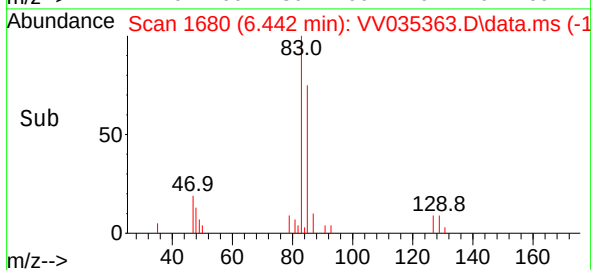
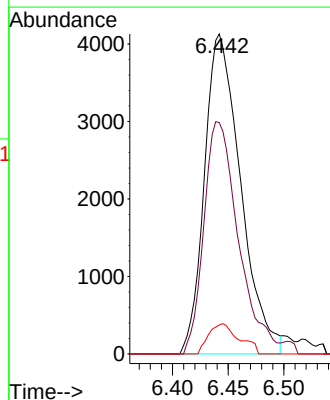
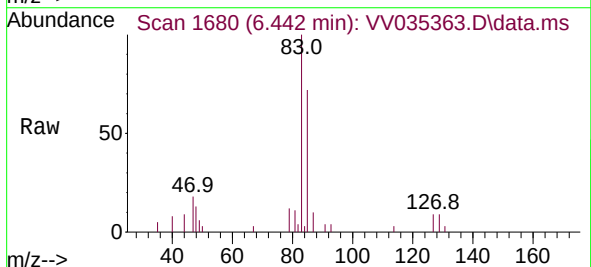
Tgt Ion: 83 Resp: 9329

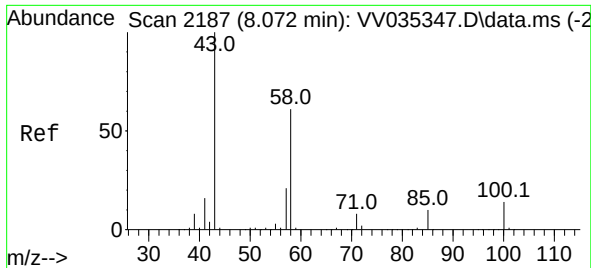
Ion Ratio Lower Upper

83 100

85 72.3 43.7 81.1

127 9.0 6.4 9.6



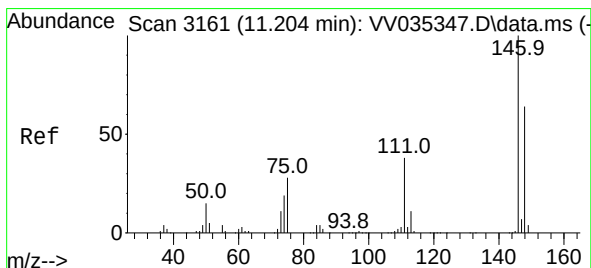
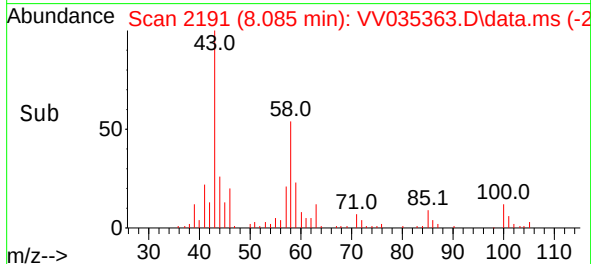
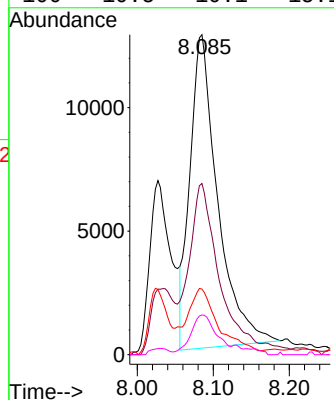
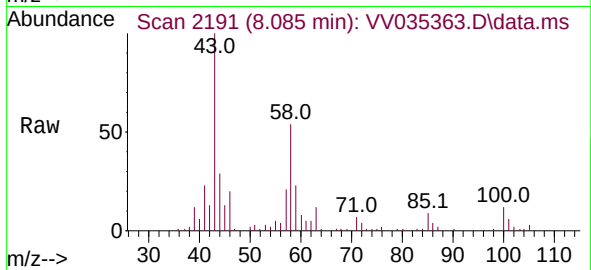


#48
2-Hexanone
Concen: 8.498 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV035363.D
Acq: 23 Apr 2024 15:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 32201

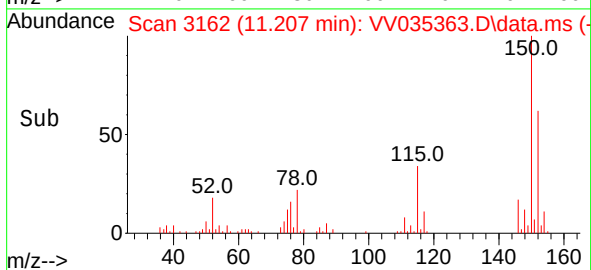
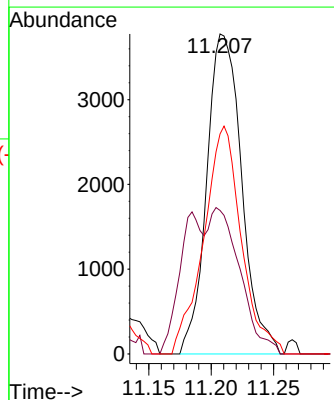
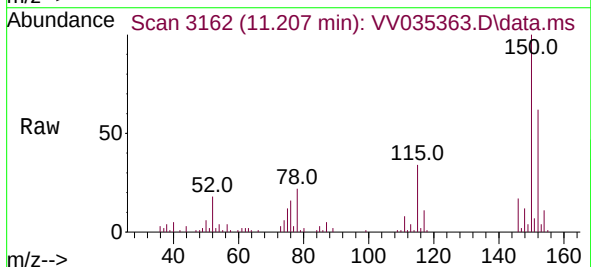
Ion	Ratio	Lower	Upper
43	100		
58	52.0	45.4	68.2
57	20.7	16.2	24.4
100	10.5	10.1	15.1

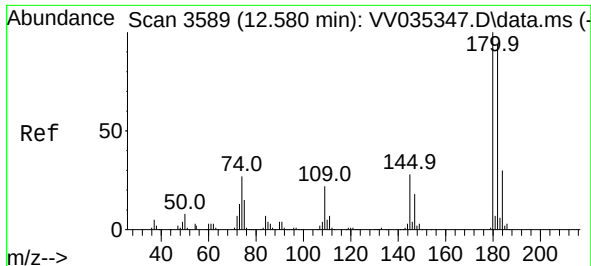


#65
1,4-Dichlorobenzene
Concen: 1.185 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035363.D
Acq: 23 Apr 2024 15:57

Tgt Ion: 146 Resp: 7381

Ion	Ratio	Lower	Upper
146	100		
111	44.8	27.4	50.8
148	68.8	44.2	82.2





#69

1,3,5-Trichlorobenzene

Concen: 1.564 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

Lab File: VV035363.D

Acq: 23 Apr 2024 15:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 6903

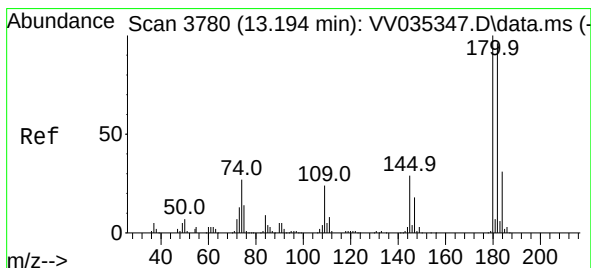
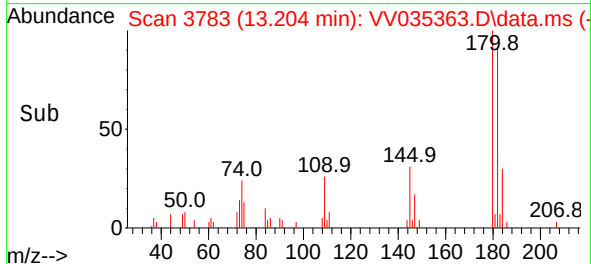
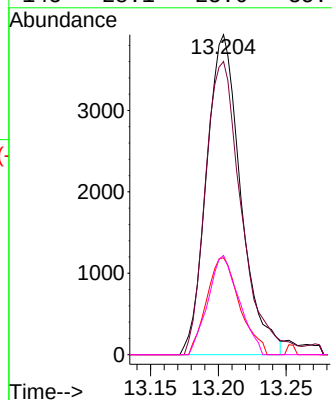
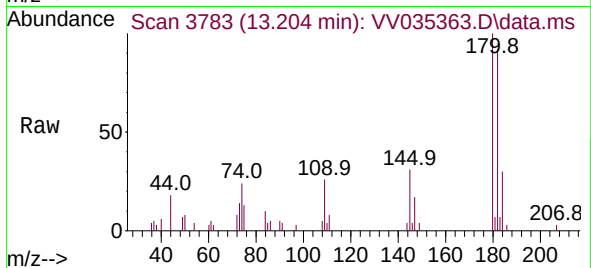
Ion Ratio Lower Upper

180 100

182 96.7 74.7 112.1

184 29.1 24.0 36.0

145 28.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.703 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035363.D

Acq: 23 Apr 2024 15:57

Tgt Ion:180 Resp: 6903

Ion Ratio Lower Upper

180 100

182 96.7 75.6 113.4

145 28.1 24.1 36.1

