

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035364.D
 Acq On : 23 Apr 2024 16:43
 Operator : SY/MD
 Sample : P2182-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:30:33 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)

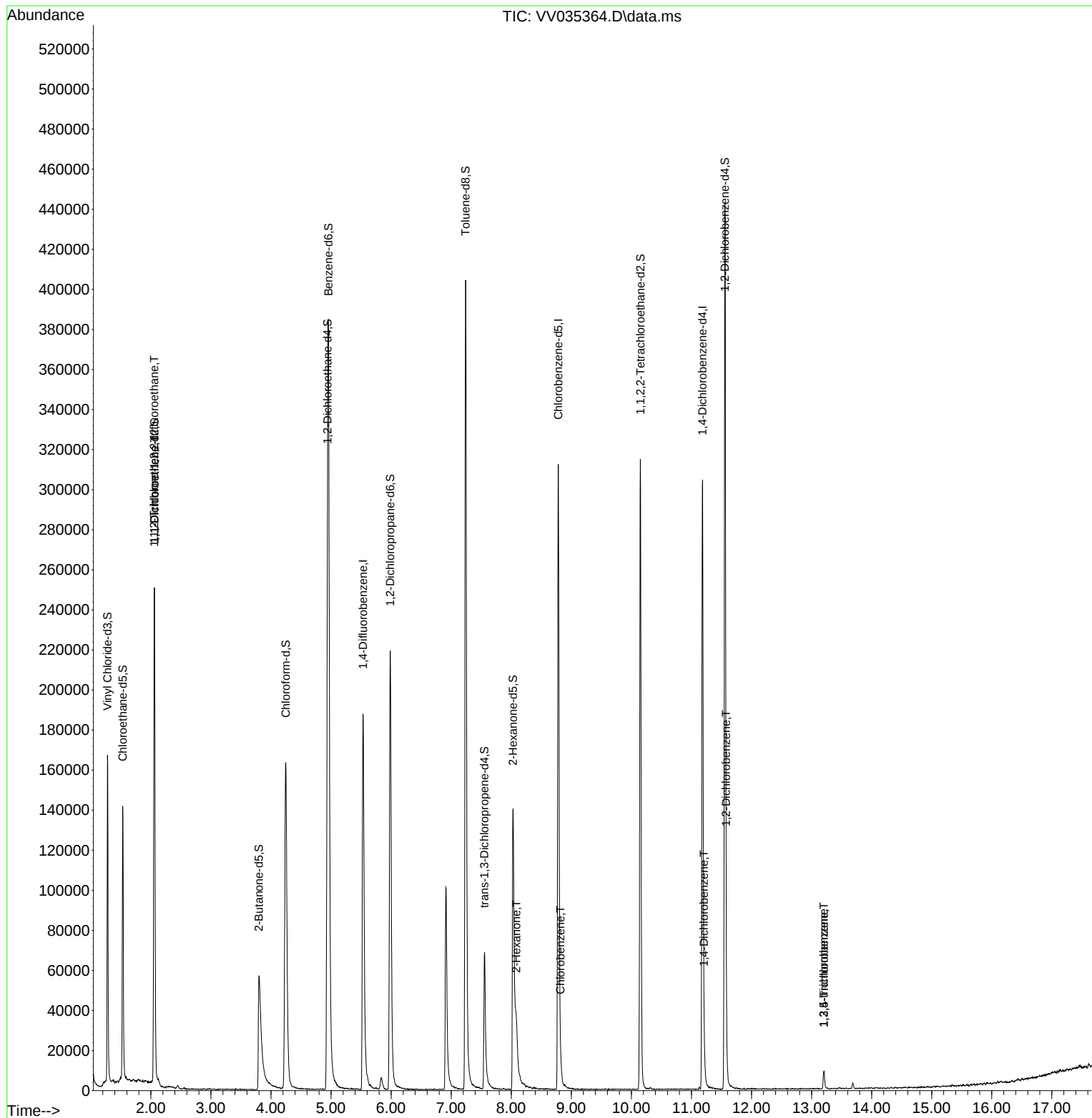
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	175688	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	184745	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	85427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	107356	63.273	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 126.540%			
7) Chloroethane-d5	1.532	69	88599	60.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.240%			
11) 1,1-Dichloroethene-d2	2.060	65	43589	58.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 117.220%			
21) 2-Butanone-d5	3.799	46	103371	102.725	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.730%			
24) Chloroform-d	4.246	84	181795	63.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.460%#			
26) 1,2-Dichloroethane-d4	4.941	65	113453	62.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 125.280%#			
32) Benzene-d6	4.957	84	354310	57.095	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.180%			
36) 1,2-Dichloropropane-d6	5.986	67	115363	58.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.080%			
41) Toluene-d8	7.240	98	293394	52.497	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.000%			
43) trans-1,3-Dichloroprop...	7.555	79	46746	48.795	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.600%			
47) 2-Hexanone-d5	8.027	63	48685	65.344	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 65.340%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	155458	57.287	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.580%			
66) 1,2-Dichlorobenzene-d4	11.558	152	118121	61.585	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.160%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	1153	0.836	ug/L #	24
12) 1,1-Dichloroethene	2.060	96	1117	0.847	ug/L #	1
48) 2-Hexanone	8.085	43	19451	10.759	ug/L #	89
51) Chlorobenzene	8.818	112	4222	1.033	ug/L	92
65) 1,4-Dichlorobenzene	11.211	146	4838	1.653	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	3682	1.284	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.204	180	3565	1.719	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	3565	1.871	ug/L	98

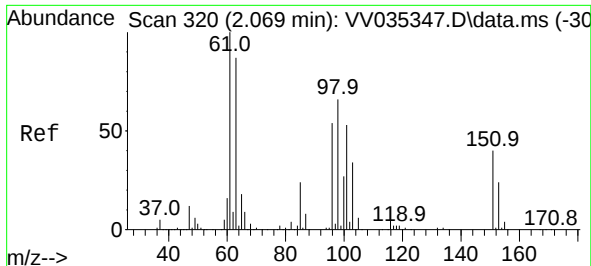
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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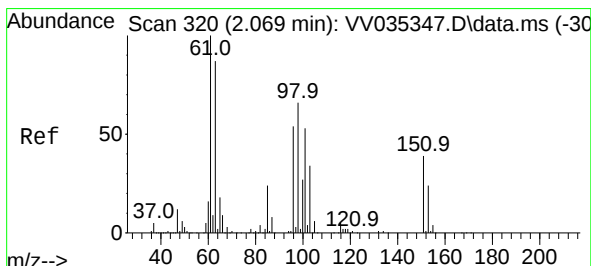
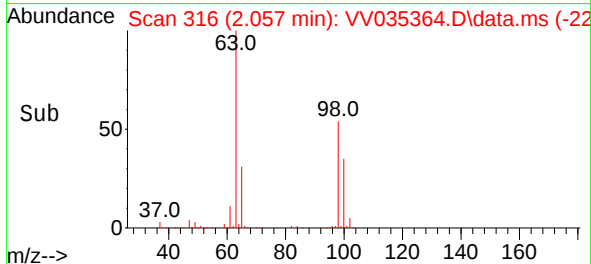
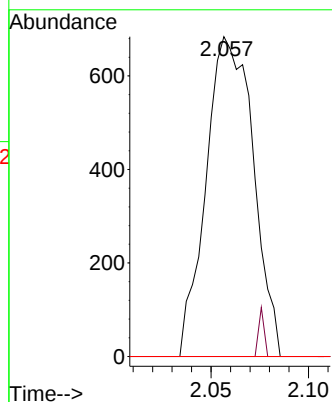
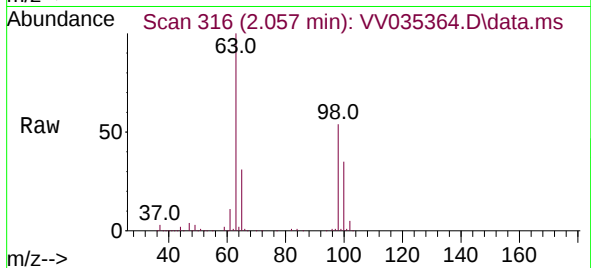




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.836 ug/L
 RT: 2.057 min Scan# 316
 Delta R.T. -0.013 min
 Lab File: VV035364.D
 Acq: 23 Apr 2024 16:43

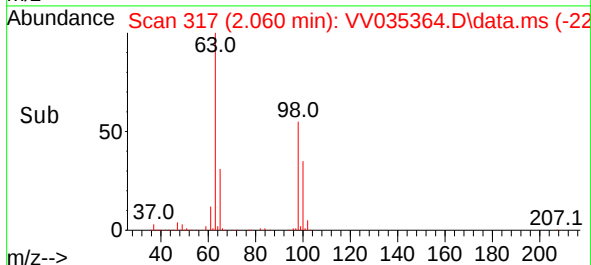
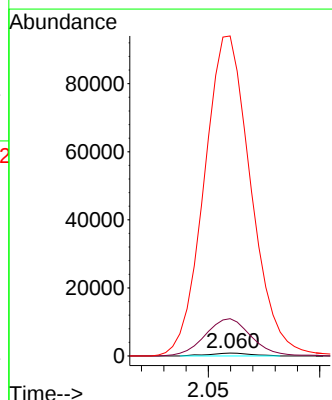
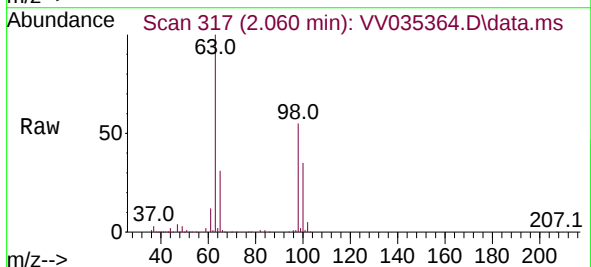
Instrument :
 MSVOA_V
 ClientSampleId :

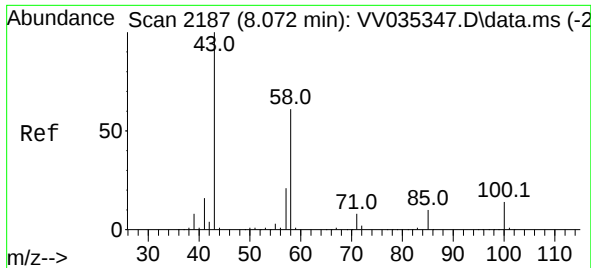
Tgt Ion:101 Resp: 1153
 Ion Ratio Lower Upper
 101 100
 85 3.8 35.3 52.9#
 151 0.0 55.0 82.4#



#12
 1,1-Dichloroethene
 Concen: 0.847 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.009 min
 Lab File: VV035364.D
 Acq: 23 Apr 2024 16:43

Tgt Ion: 96 Resp: 1117
 Ion Ratio Lower Upper
 96 100
 61 1297.9 131.5 244.3#
 63 11127.1 111.4 206.8#

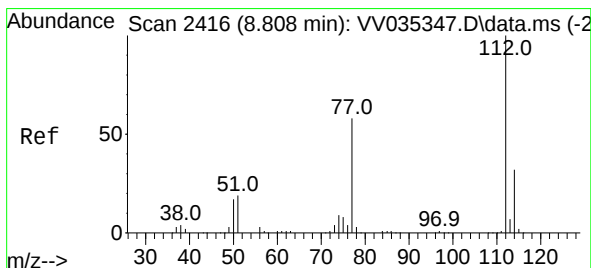
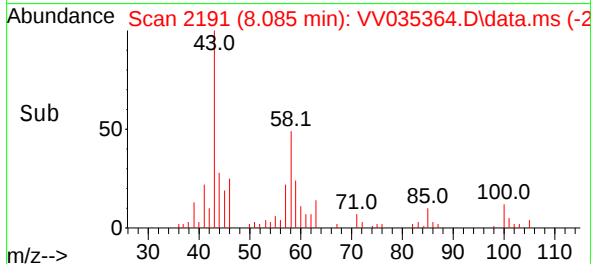
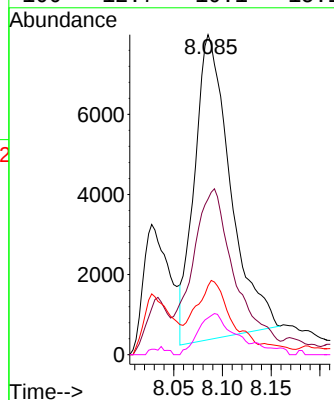
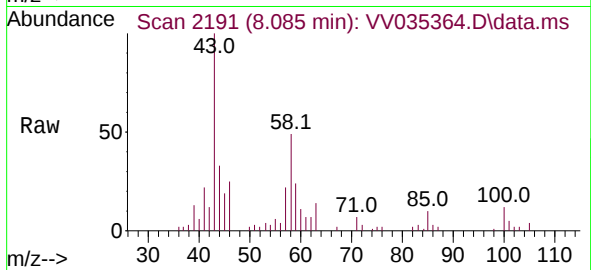




#48
2-Hexanone
Concen: 10.759 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV035364.D
Acq: 23 Apr 2024 16:43

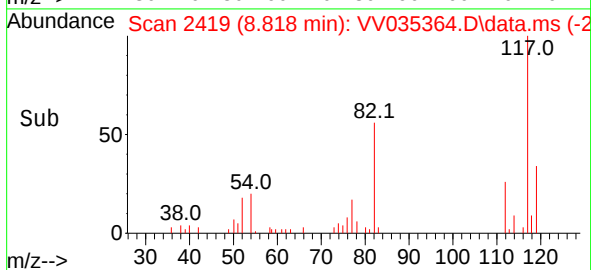
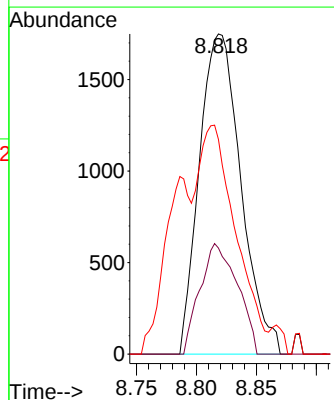
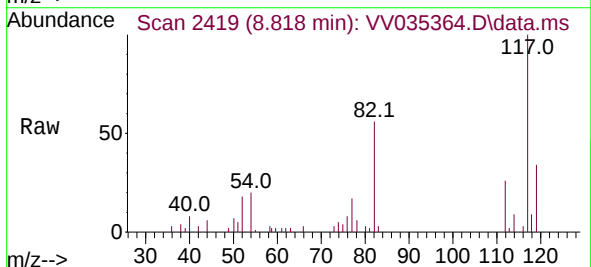
Instrument :
MSVOA_V
ClientSampleId :

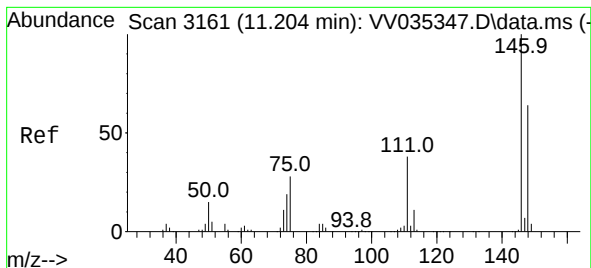
Tgt Ion: 43	Resp: 19451
Ion Ratio	Lower Upper
43	100
58	66.8 45.4 68.2
57	14.6 16.2 24.4
100	12.7 10.1 15.1



#51
Chlorobenzene
Concen: 1.033 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV035364.D
Acq: 23 Apr 2024 16:43

Tgt Ion: 112	Resp: 4222
Ion Ratio	Lower Upper
112	100
114	33.1 22.0 41.0
77	67.1 47.4 71.2





#65

1,4-Dichlorobenzene

Concen: 1.653 ug/L

RT: 11.211 min Scan# 3161

Delta R.T. 0.007 min

Lab File: VV035364.D

Acq: 23 Apr 2024 16:43

Instrument :

MSVOA_V

ClientSampleId :

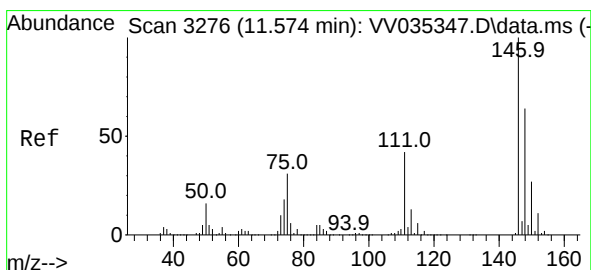
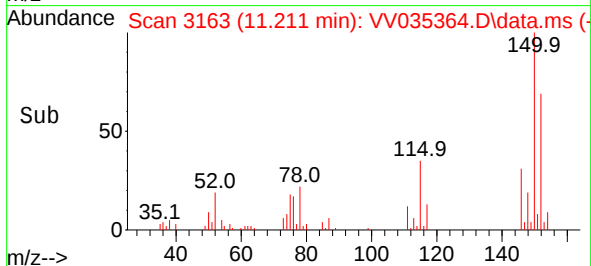
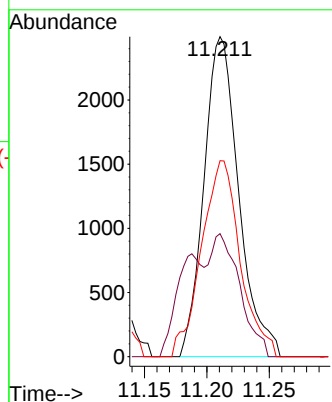
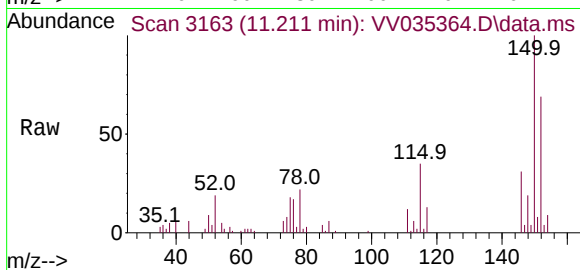
Tgt Ion:146 Resp: 4838

Ion Ratio Lower Upper

146 100

111 38.5 27.4 50.8

148 61.3 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 1.284 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035364.D

Acq: 23 Apr 2024 16:43

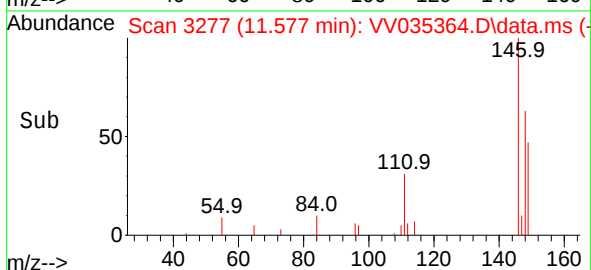
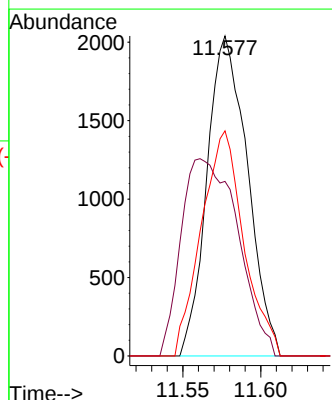
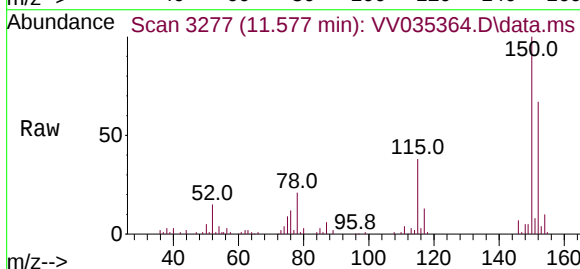
Tgt Ion:146 Resp: 3682

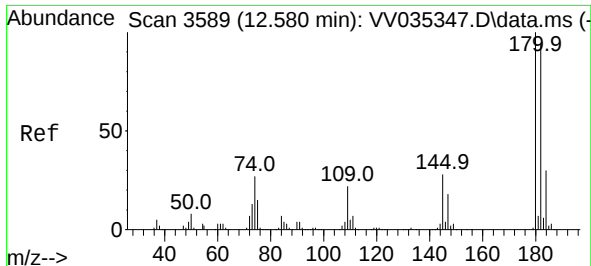
Ion Ratio Lower Upper

146 100

111 54.6 34.6 52.0#

148 70.3 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 1.719 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

Lab File: VV035364.D

Acq: 23 Apr 2024 16:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 3565

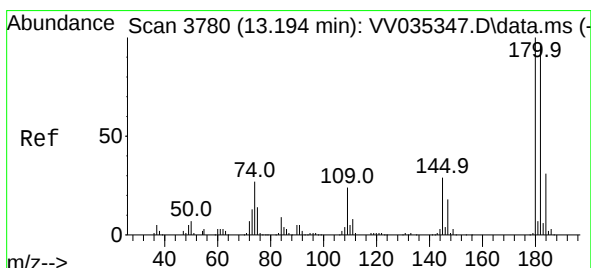
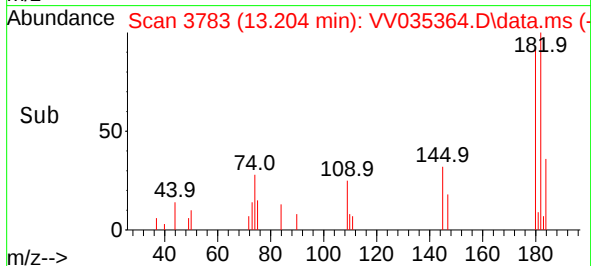
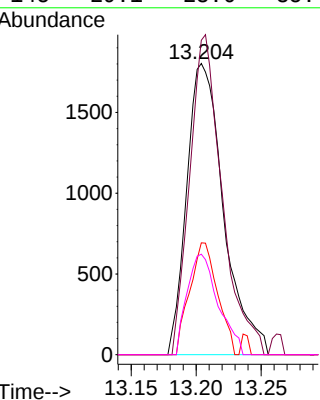
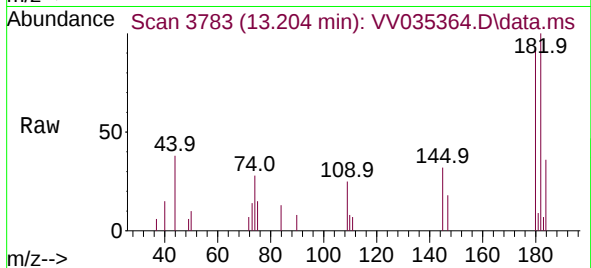
Ion Ratio Lower Upper

180 100

182 96.4 74.7 112.1

184 29.0 24.0 36.0

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.871 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035364.D

Acq: 23 Apr 2024 16:43

Tgt Ion:180 Resp: 3565

Ion Ratio Lower Upper

180 100

182 96.4 75.6 113.4

145 29.1 24.1 36.1

