

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
 Data File : VV035451.D
 Acq On : 27 Apr 2024 01:36
 Operator : SY/MD
 Sample : P2279-11 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 05:28:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 01:20:16 2024
 Response via : Initial Calibration

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

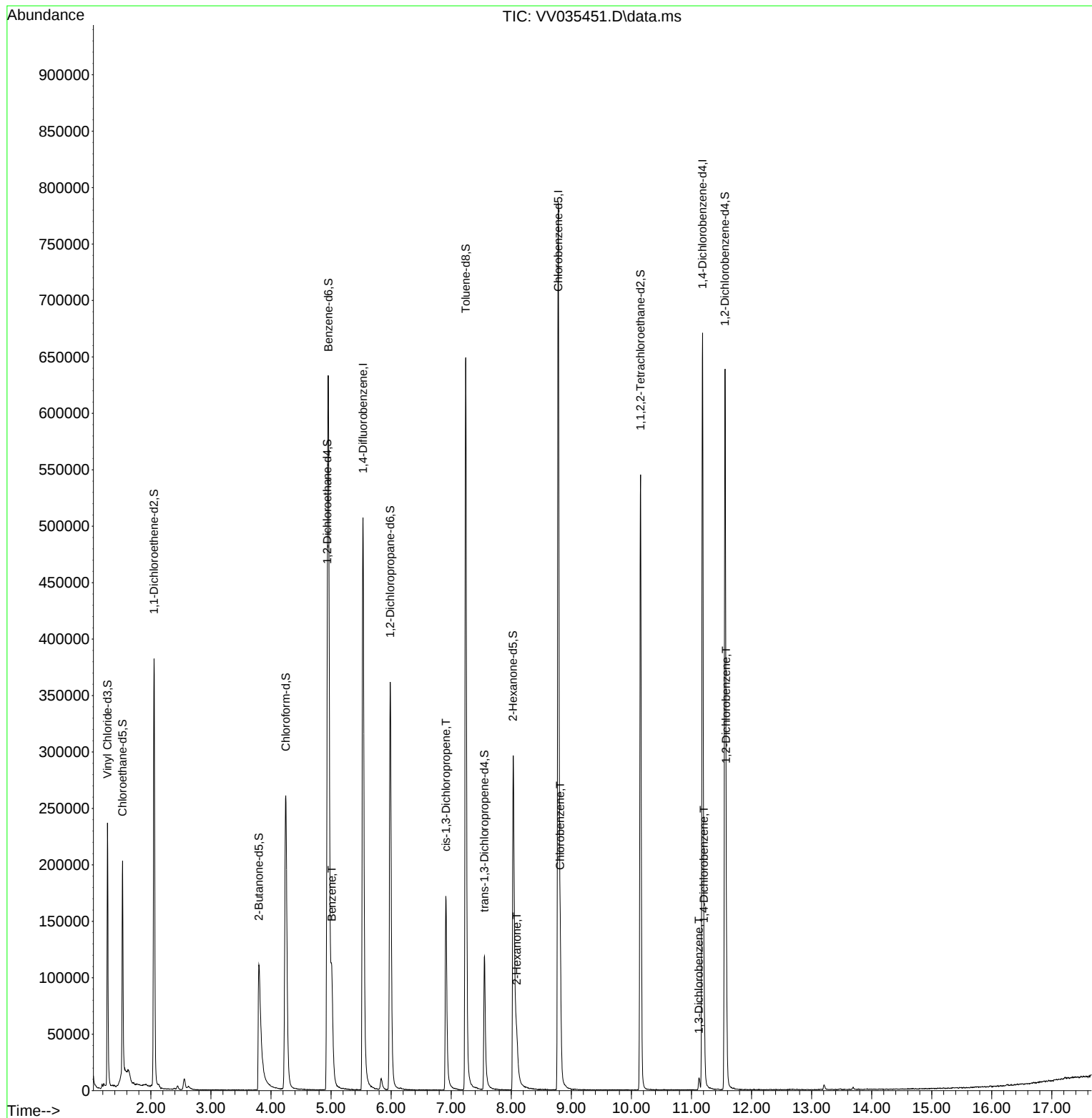
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	463489	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	444237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	182239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159377	42.788	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.580%	
7) Chloroethane-d5	1.529	69	113076	52.984	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	105.960%	
11) 1,1-Dichloroethene-d2	2.053	65	65314	42.903	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.800%	
21) 2-Butanone-d5	3.799	46	216389	113.350	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	113.350%	
24) Chloroform-d	4.246	84	292521	46.670	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.340%	
26) 1,2-Dichloroethane-d4	4.937	65	190734	52.245	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.500%	
32) Benzene-d6	4.957	84	576954	49.421	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.840%	
36) 1,2-Dichloropropane-d6	5.986	67	190281	52.828	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.660%	
41) Toluene-d8	7.243	98	460466	43.761	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.520%	
43) trans-1,3-Dichloroprop...	7.555	79	79705	47.304	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.600%	
47) 2-Hexanone-d5	8.031	63	108485	104.477	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.480%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	275448	53.655	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	107.300%	
66) 1,2-Dichlorobenzene-d4	11.558	152	167417	52.508	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.020%	
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	114782	9.656	ug/L	100
39) cis-1,3-Dichloropropene	6.912	75	4407	0.897	ug/L #	58
48) 2-Hexanone	8.092	43	31695	9.408	ug/L #	88
51) Chlorobenzene	8.815	112	78643	8.953	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	5447	1.006	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	25825	4.546	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	41982	7.650	ug/L	99

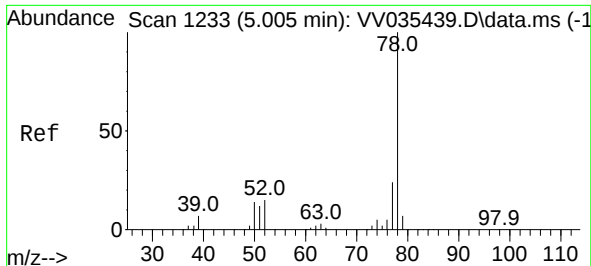
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 27 05:28:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 01:20:16 2024
Response via : Initial Calibration





#33

Benzene

Concen: 9.656 ug/L

RT: 5.011 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV035451.D

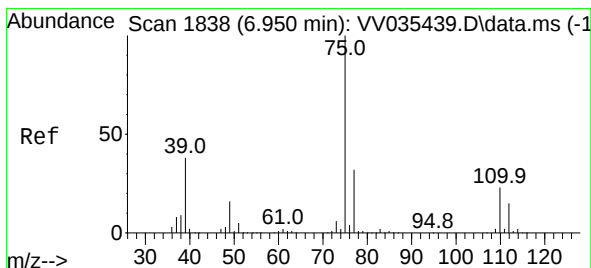
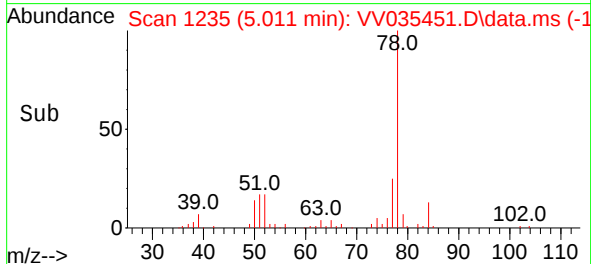
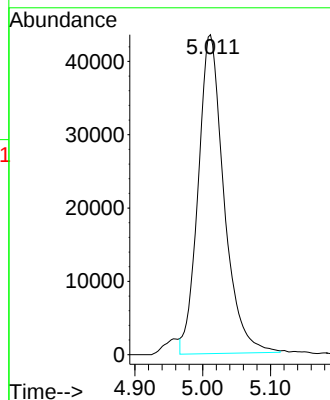
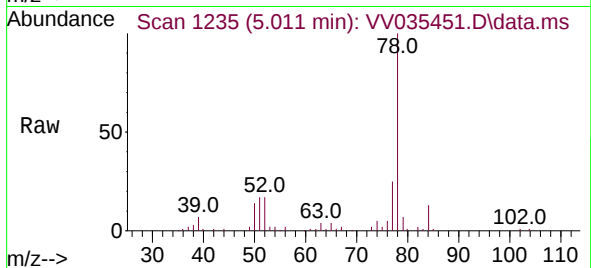
Acq: 27 Apr 2024 01:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 114782



#39

cis-1,3-Dichloropropene

Concen: 0.897 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.038 min

Lab File: VV035451.D

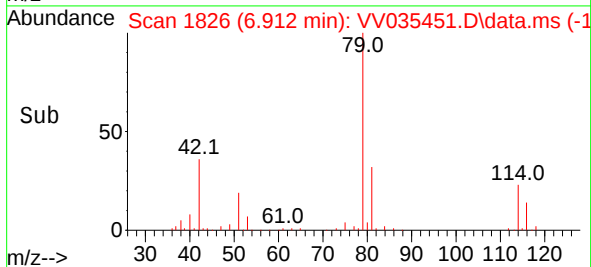
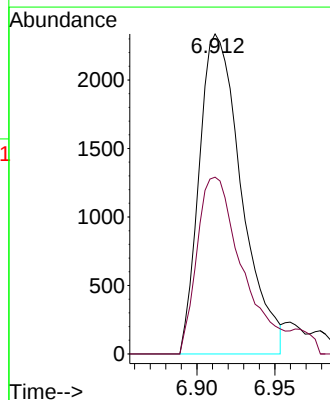
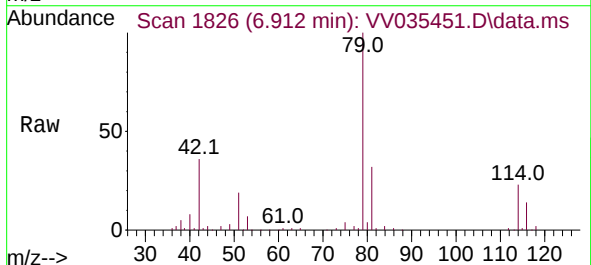
Acq: 27 Apr 2024 01:36

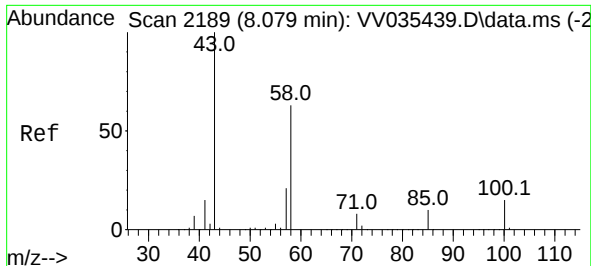
Tgt Ion: 75 Resp: 4407

Ion Ratio Lower Upper

75 100

77 55.3 22.3 41.3#

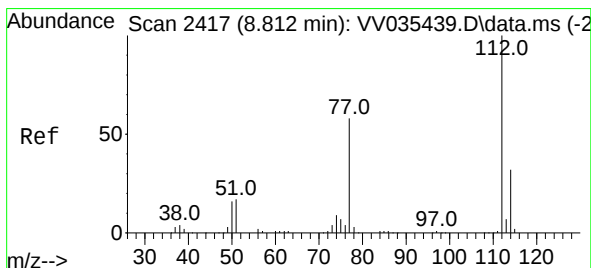
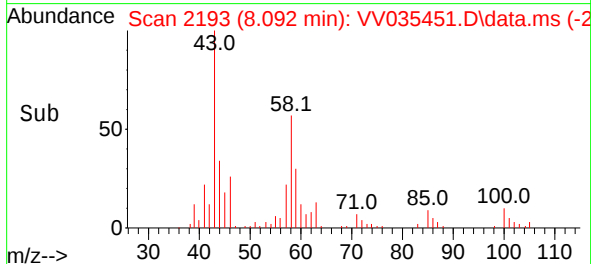
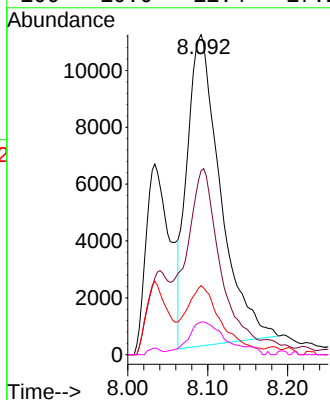
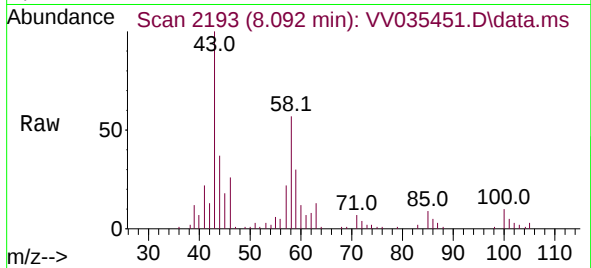




#48
2-Hexanone
Concen: 9.408 ug/L
RT: 8.092 min Scan# 2189
Delta R.T. 0.013 min
Lab File: VV035451.D
Acq: 27 Apr 2024 01:36

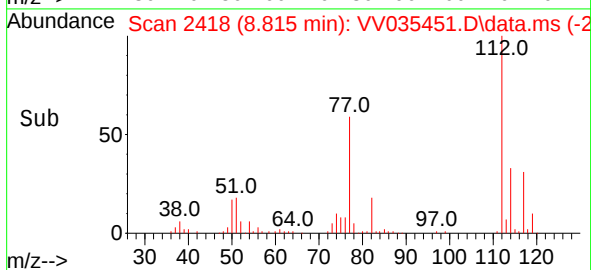
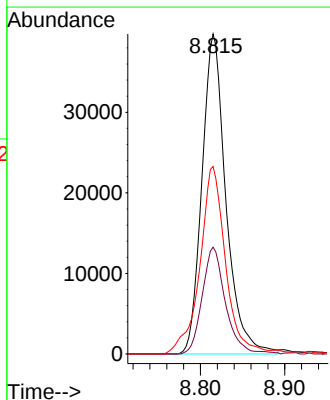
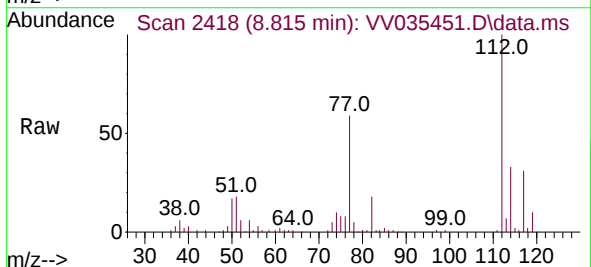
Instrument :
MSVOA_V
ClientSampleId :

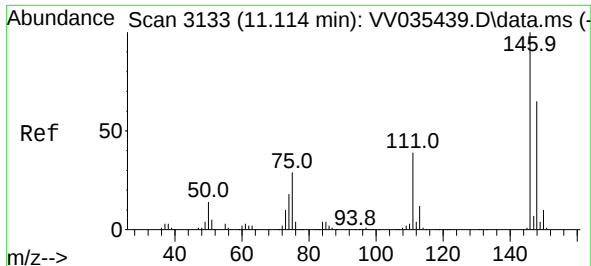
Tgt Ion: 43	Resp: 31695
Ion Ratio	Lower Upper
43	100
58	48.9 49.4 74.0#
57	20.6 17.1 25.7
100	10.0 11.4 17.2#



#51
Chlorobenzene
Concen: 8.953 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035451.D
Acq: 27 Apr 2024 01:36

Tgt Ion: 112	Resp: 78643
Ion Ratio	Lower Upper
112	100
114	33.3 22.4 41.6
77	58.6 45.6 68.4





#64

1,3-Dichlorobenzene

Concen: 1.006 ug/L

RT: 11.127 min Scan# 3133

Delta R.T. 0.013 min

Lab File: VV035451.D

Acq: 27 Apr 2024 01:36

Instrument :

MSVOA_V

ClientSampleId :

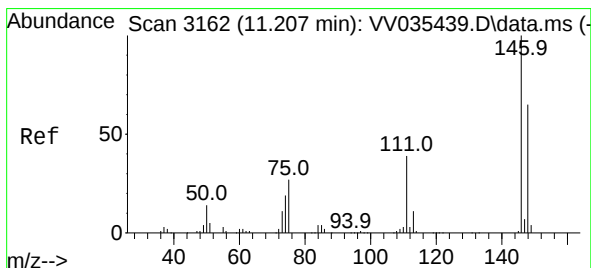
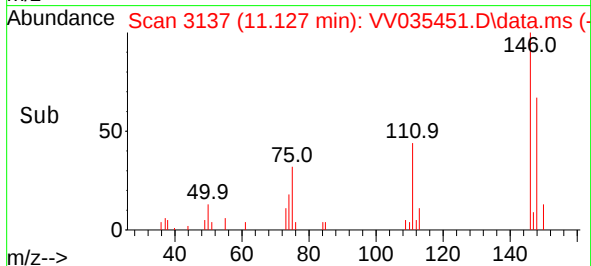
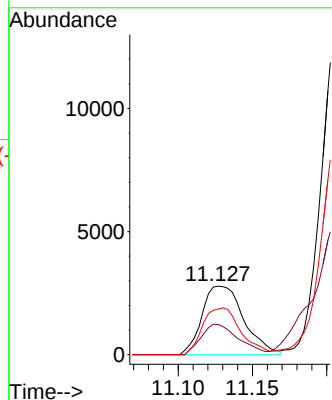
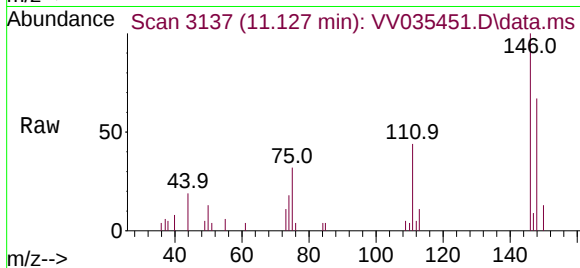
Tgt Ion:146 Resp: 5447

Ion Ratio Lower Upper

146 100

111 44.2 27.0 50.2

148 66.5 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.546 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV035451.D

Acq: 27 Apr 2024 01:36

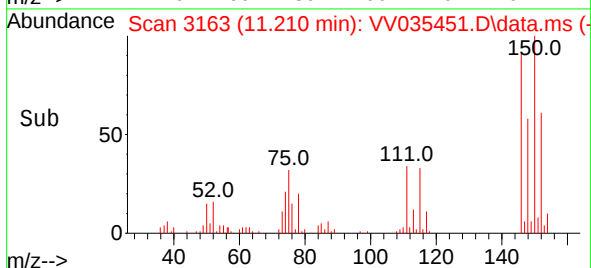
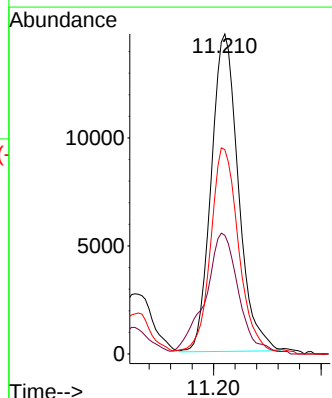
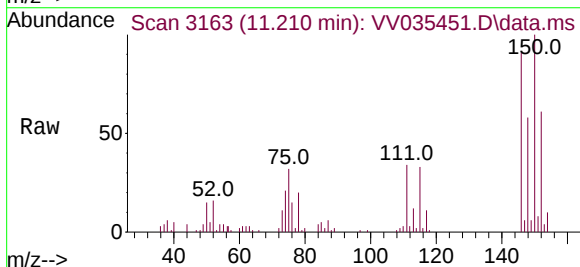
Tgt Ion:146 Resp: 25825

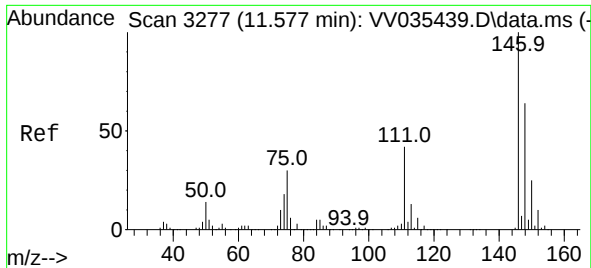
Ion Ratio Lower Upper

146 100

111 37.1 26.5 49.1

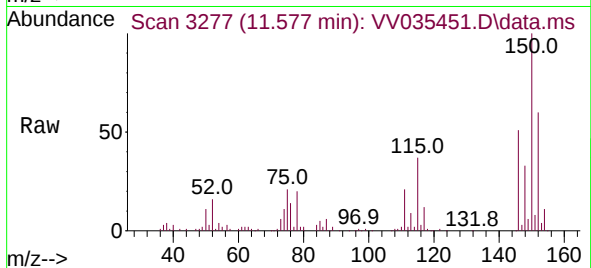
148 63.8 45.0 83.6





#67
 1,2-Dichlorobenzene
 Concen: 7.650 ug/L
 RT: 11.577 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV035451.D
 Acq: 27 Apr 2024 01:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:146 Resp: 41982
 Ion Ratio Lower Upper
 146 100
 111 40.7 33.3 49.9
 148 64.7 52.2 78.2

