

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035464.D
 Acq On : 29 Apr 2024 12:33
 Operator : SY/MD
 Sample : P2279-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:10:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 02:09:05 2024
 Response via : Initial Calibration

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

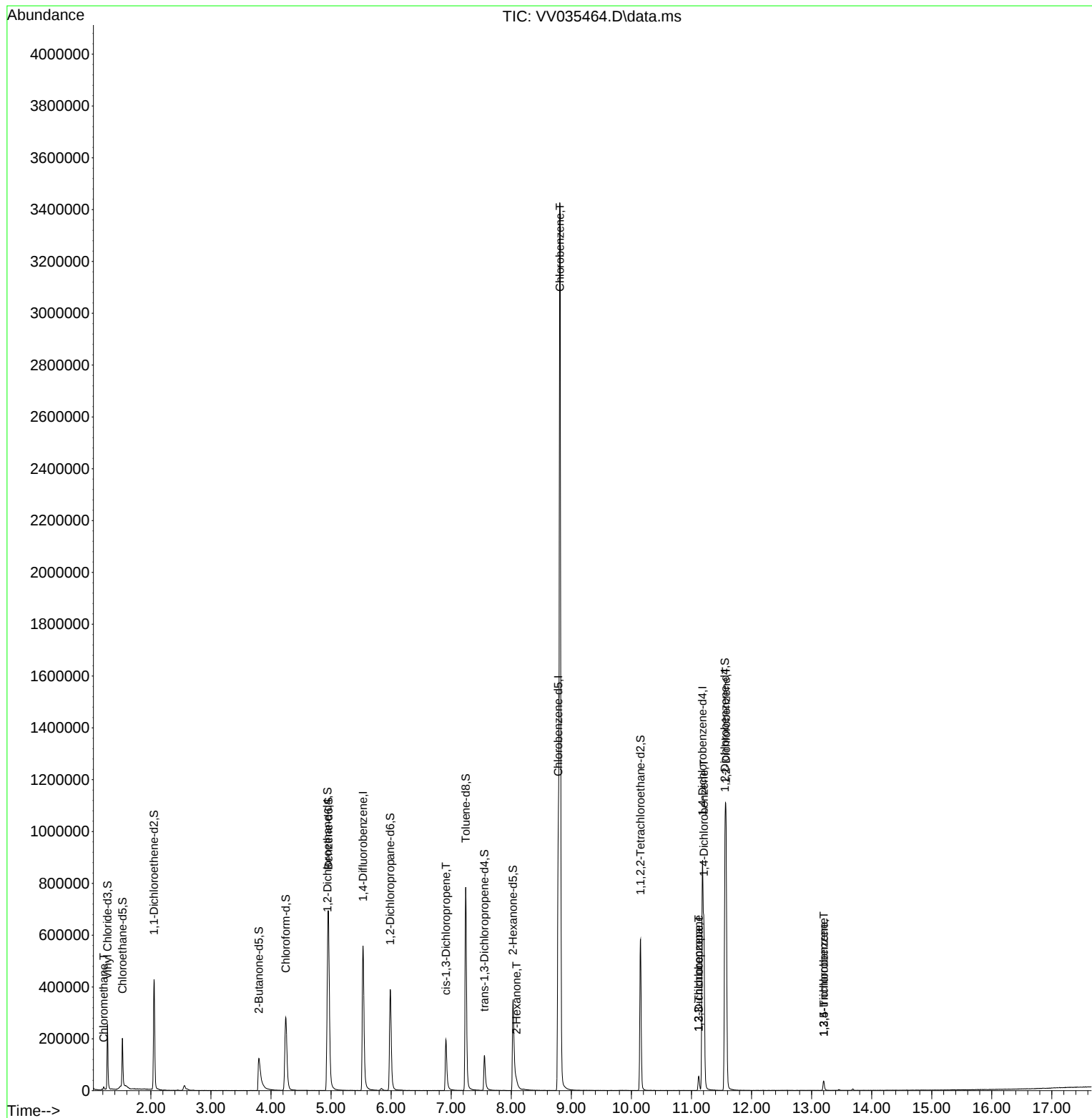
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	509343	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	504354	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	227451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	168909	41.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.520%		
7) Chloroethane-d5	1.526	69	111831	47.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.360%		
11) 1,1-Dichloroethene-d2	2.053	65	74333	44.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.860%		
21) 2-Butanone-d5	3.799	46	221202	105.440	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.440%		
24) Chloroform-d	4.246	84	315943	45.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.740%		
26) 1,2-Dichloroethane-d4	4.941	65	198062	49.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.740%		
32) Benzene-d6	4.957	84	638254	48.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.320%		
36) 1,2-Dichloropropane-d6	5.986	67	204328	49.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.940%		
41) Toluene-d8	7.243	98	544381	45.569	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.140%		
43) trans-1,3-Dichloroprop...	7.551	79	88847	46.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.880%		
47) 2-Hexanone-d5	8.031	63	127087	107.803	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.800%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	292662	50.213	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.420%		
66) 1,2-Dichlorobenzene-d4	11.558	152	212877	53.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.980%		
Target Compounds						Qvalue
3) Chloromethane	1.214	50	6634	1.746	ug/L	99
39) cis-1,3-Dichloropropene	6.912	75	4699	0.843	ug/L #	55
48) 2-Hexanone	8.088	43	19354	5.060	ug/L #	63
51) Chlorobenzene	8.812	112	1861910	186.705	ug/L	99
61) 1,2,3-Trichloropropane	11.120	75	7287	1.712	ug/L #	48
64) 1,3-Dichlorobenzene	11.120	146	24653	3.647	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	246162	34.718	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	364350	53.198	ug/L	98
69) 1,3,5-Trichlorobenzene	13.204	180	13056	2.726	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	13056	3.434	ug/L	97

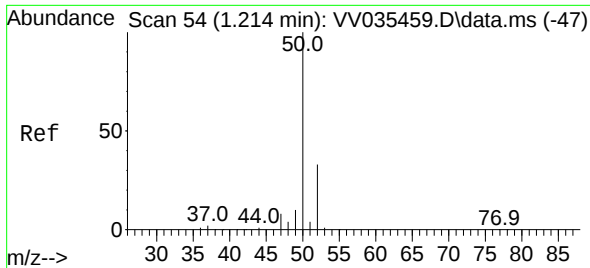
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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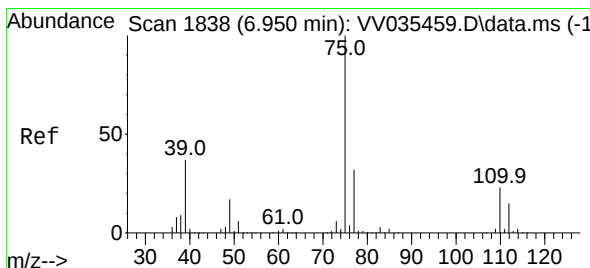
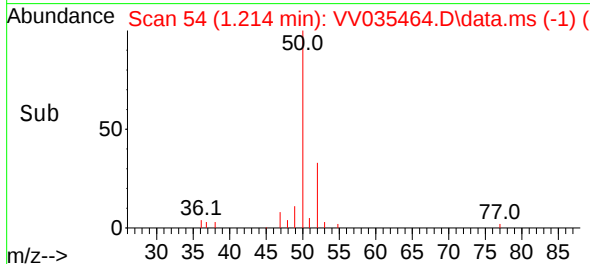
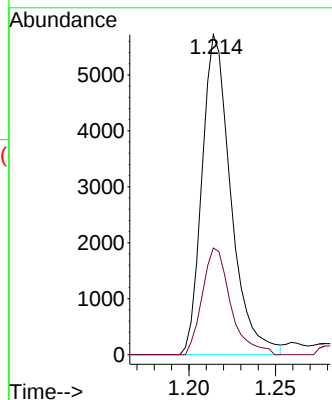
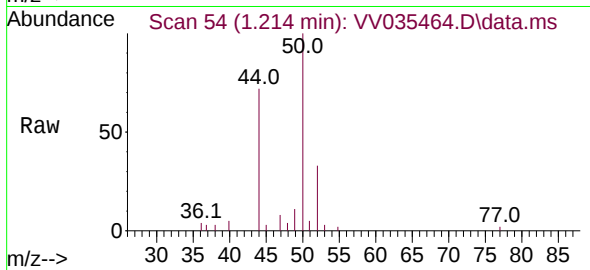




#3
Chloromethane
Concen: 1.746 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035464.D
Acq: 29 Apr 2024 12:33

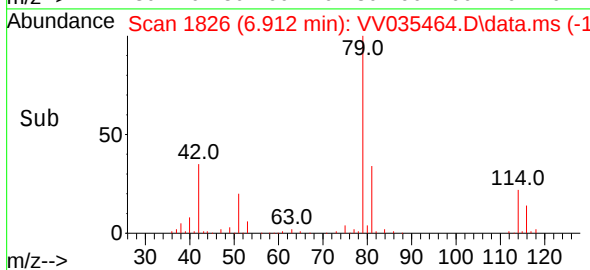
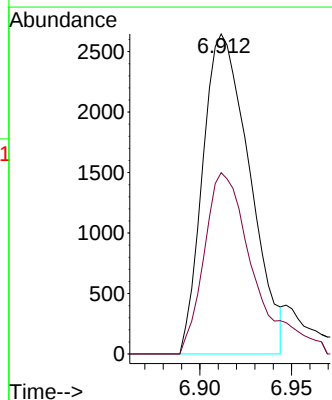
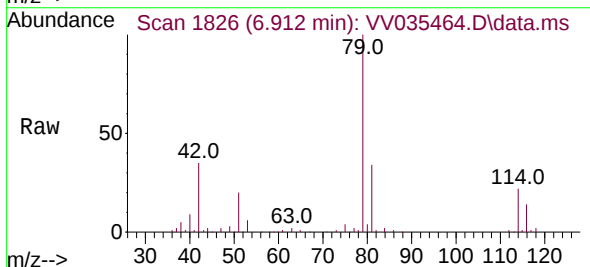
Instrument :
MSVOA_V
ClientSampleId :

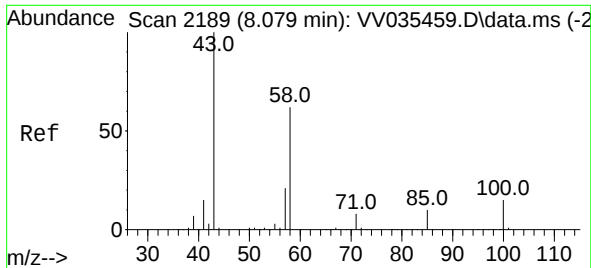
Tgt Ion: 50 Resp: 6634
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8



#39
cis-1,3-Dichloropropene
Concen: 0.843 ug/L
RT: 6.912 min Scan# 1826
Delta R.T. -0.038 min
Lab File: VV035464.D
Acq: 29 Apr 2024 12:33

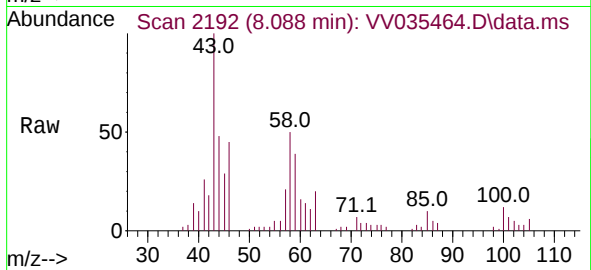
Tgt Ion: 75 Resp: 4699
Ion Ratio Lower Upper
75 100
77 56.7 22.3 41.3#





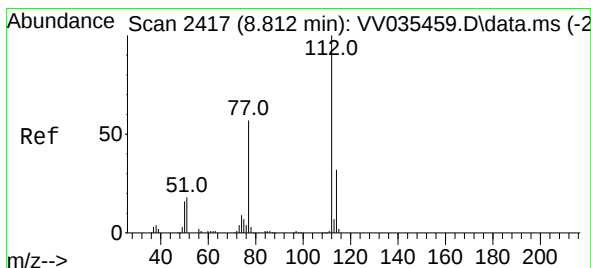
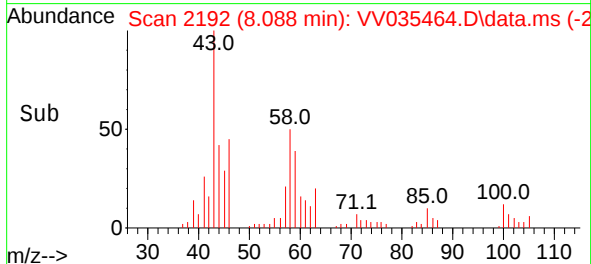
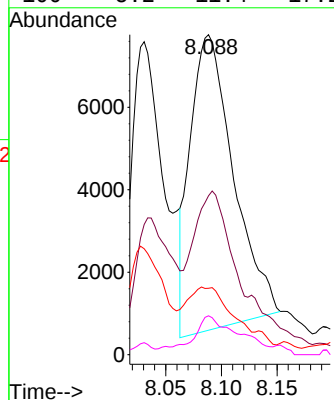
#48
2-Hexanone
Concen: 5.060 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV035464.D
Acq: 29 Apr 2024 12:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 19354

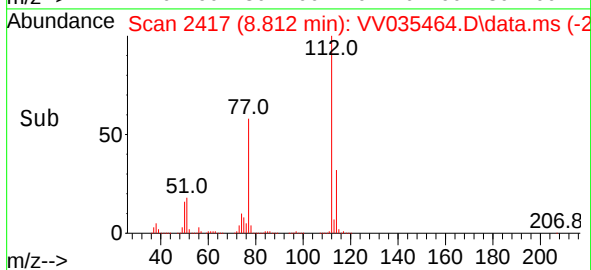
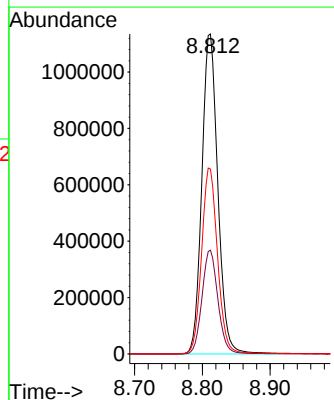
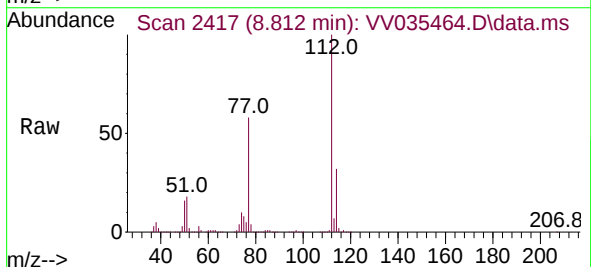
Ion	Ratio	Lower	Upper
43	100		
58	31.9	49.4	74.0#
57	2.6	17.1	25.7#
100	5.2	11.4	17.2#

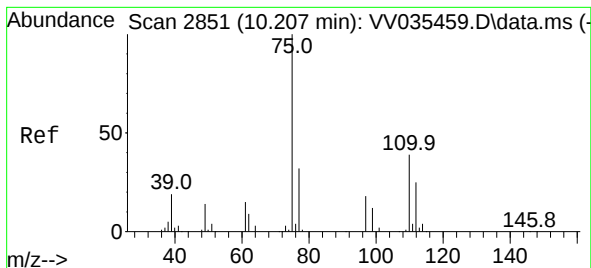


#51
Chlorobenzene
Concen: 186.705 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035464.D
Acq: 29 Apr 2024 12:33

Tgt Ion: 112 Resp: 1861910

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.4	41.6
77	57.8	45.6	68.4





#61

1,2,3-Trichloropropane

Concen: 1.712 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.913 min

Lab File: VV035464.D

Acq: 29 Apr 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :

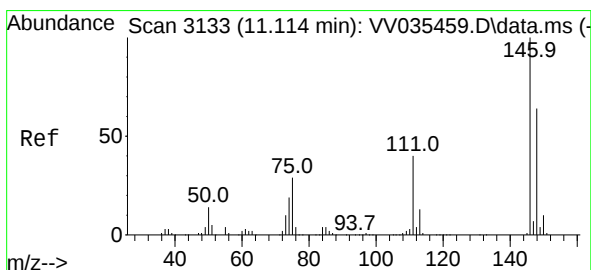
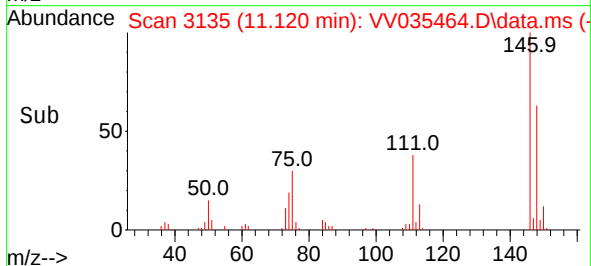
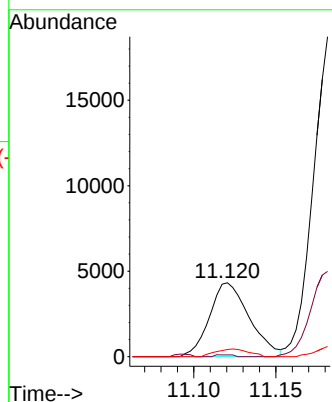
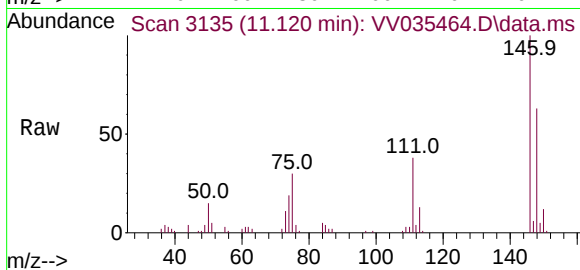
Tgt Ion: 75 Resp: 7287

Ion Ratio Lower Upper

75 100

77 0.9 25.3 37.9#

110 8.6 31.2 46.8#



#64

1,3-Dichlorobenzene

Concen: 3.647 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.007 min

Lab File: VV035464.D

Acq: 29 Apr 2024 12:33

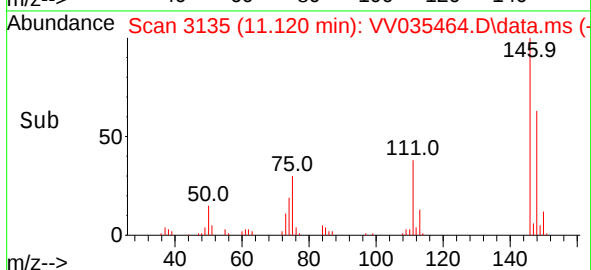
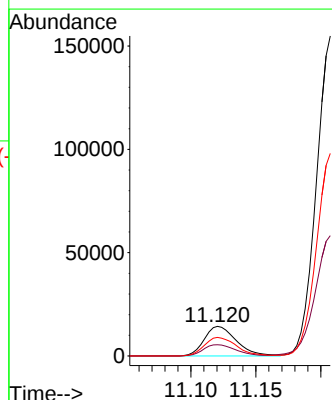
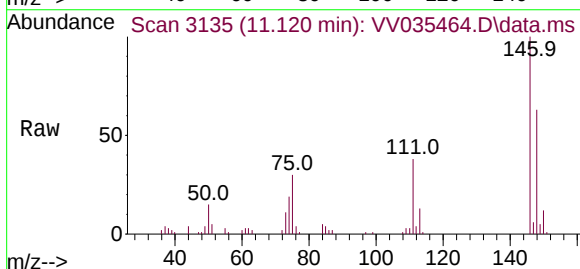
Tgt Ion:146 Resp: 24653

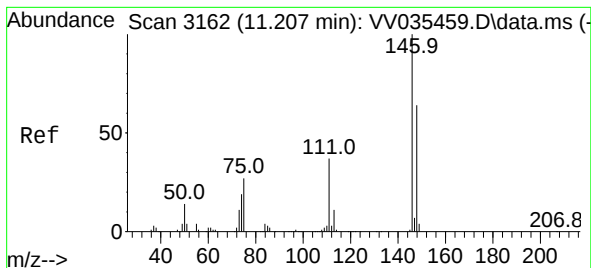
Ion Ratio Lower Upper

146 100

111 38.1 27.0 50.2

148 62.9 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 34.718 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

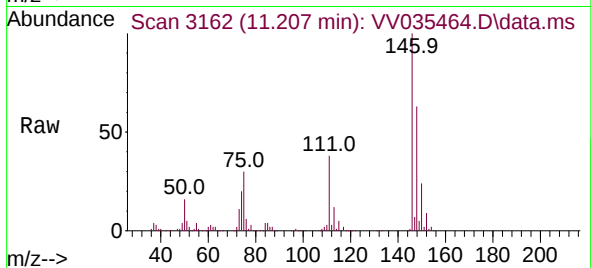
Lab File: VV035464.D

Acq: 29 Apr 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :



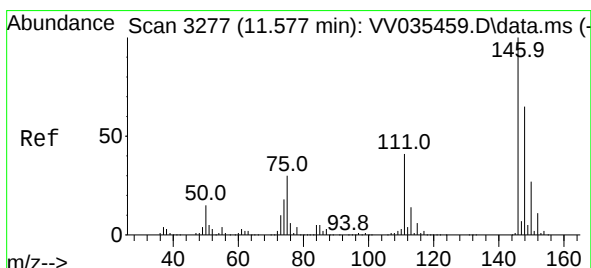
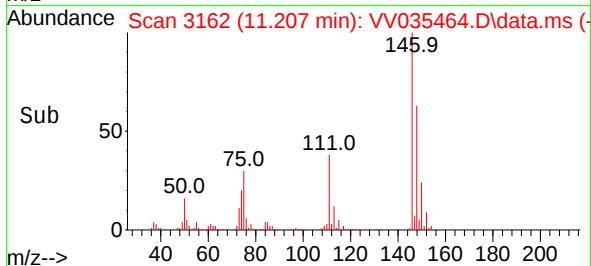
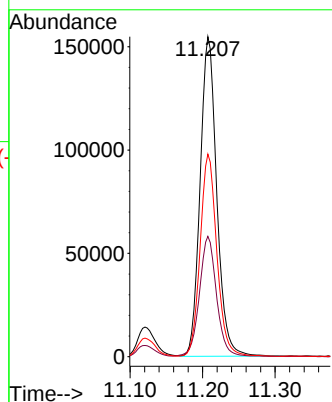
Tgt Ion:146 Resp: 246162

Ion Ratio Lower Upper

146 100

111 37.6 26.5 49.1

148 63.3 45.0 83.6



#67

1,2-Dichlorobenzene

Concen: 53.198 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035464.D

Acq: 29 Apr 2024 12:33

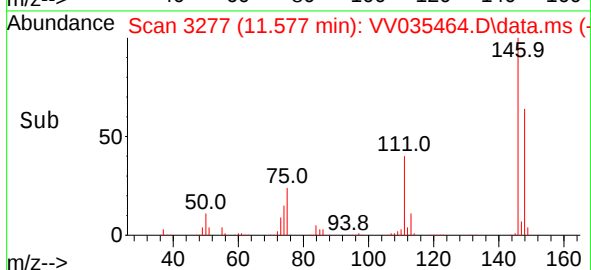
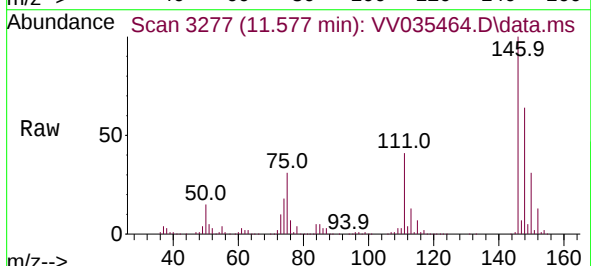
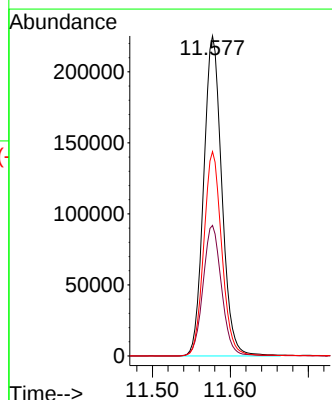
Tgt Ion:146 Resp: 364350

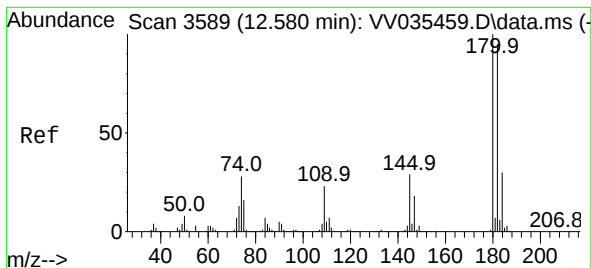
Ion Ratio Lower Upper

146 100

111 40.8 33.3 49.9

148 63.8 52.2 78.2





#69

1,3,5-Trichlorobenzene

Concen: 2.726 ug/L

RT: 13.204 min Scan# 3

Delta R.T. 0.624 min

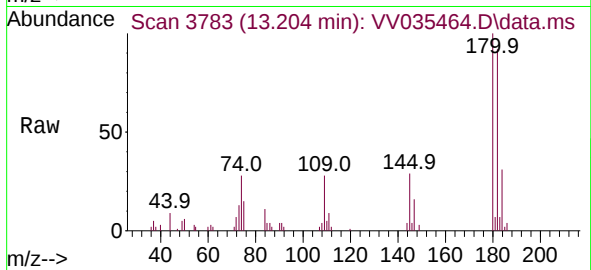
Lab File: VV035464.D

Acq: 29 Apr 2024 12:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 13056

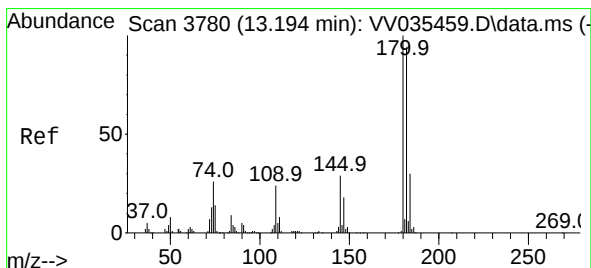
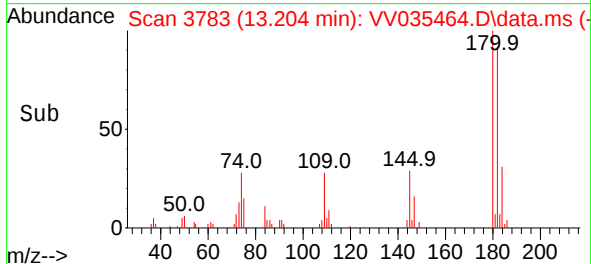
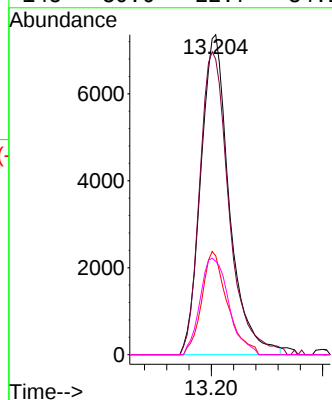
Ion Ratio Lower Upper

180 100

182 96.7 76.2 114.2

184 29.2 23.8 35.6

145 30.6 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 3.434 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035464.D

Acq: 29 Apr 2024 12:33

Tgt Ion:180 Resp: 13056

Ion Ratio Lower Upper

180 100

182 96.7 75.1 112.7

145 30.6 23.2 34.8

