

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042524\
 Data File : VV035409.D
 Acq On : 25 Apr 2024 17:17
 Operator : SY/MD
 Sample : P2182-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 26 01:39:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:37:05 2024
 Response via : Initial Calibration

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

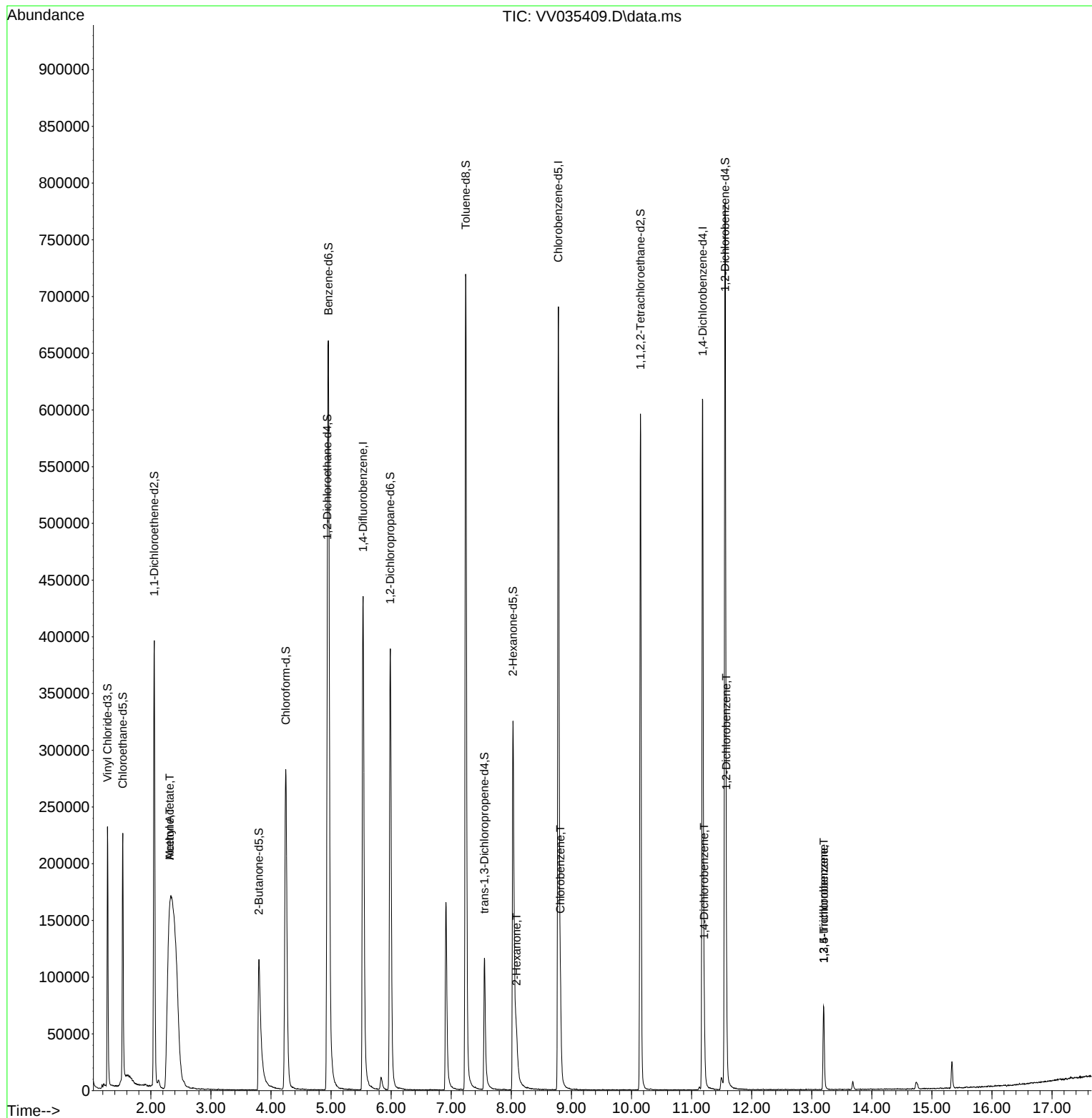
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	397048	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	388100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	164960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	155981	40.678	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.360%		
7) Chloroethane-d5	1.532	69	139594	41.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.820%		
11) 1,1-Dichloroethene-d2	2.056	65	68361	40.670	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.340%		
21) 2-Butanone-d5	3.799	46	219735	96.622	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.620%		
24) Chloroform-d	4.246	84	314383	48.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.520%		
26) 1,2-Dichloroethane-d4	4.937	65	198267	48.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.880%		
32) Benzene-d6	4.957	84	607936	46.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.260%		
36) 1,2-Dichloropropane-d6	5.985	67	201208	48.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.200%		
41) Toluene-d8	7.239	98	506433	43.136	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.280%		
43) trans-1,3-Dichloroprop...	7.551	79	78283	38.898	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.800%		
47) 2-Hexanone-d5	8.027	63	115532	73.815	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.810%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	291887	51.202	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.400%		
66) 1,2-Dichlorobenzene-d4	11.558	152	204431	55.196	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.400%		
Target Compounds						Qvalue
13) Acetone	2.314	43	65470	31.357	ug/L	43
15) Methyl Acetate	2.314	43	65470	19.899	ug/L #	50
48) 2-Hexanone	8.088	43	28407	7.480	ug/L #	91
51) Chlorobenzene	8.815	112	55843	6.503	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	22795	4.033	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	27594	4.984	ug/L	97
69) 1,3,5-Trichlorobenzene	13.201	180	24897	6.216	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	24897	6.767	ug/L	97

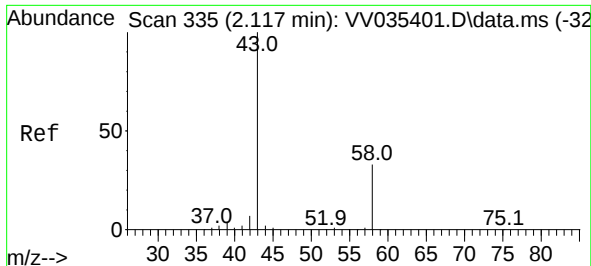
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 31.357 ug/L

RT: 2.314 min Scan# 396

Delta R.T. 0.196 min

Lab File: VV035409.D

Acq: 25 Apr 2024 17:17

Instrument :

MSVOA_V

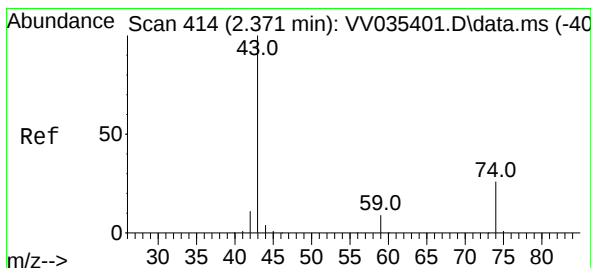
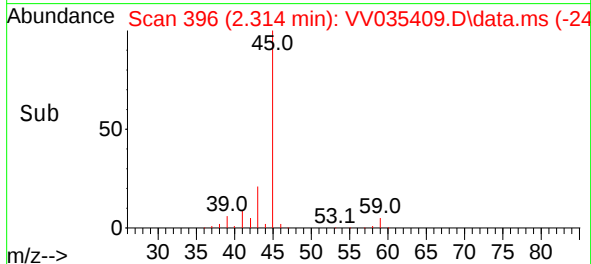
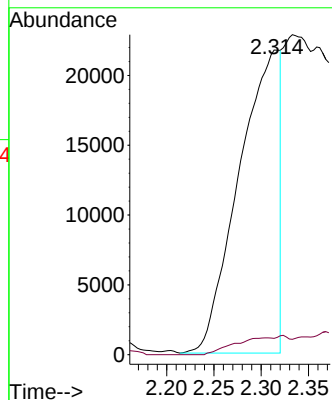
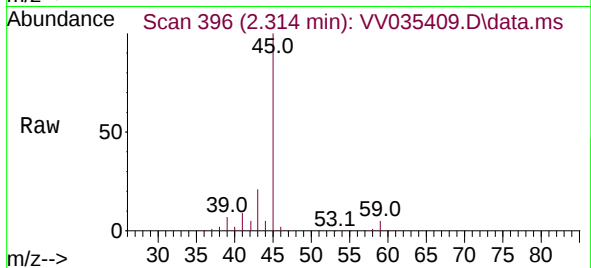
ClientSampleId :

Tgt Ion: 43 Resp: 65470

Ion Ratio Lower Upper

43 100

58 1.0 0.0 66.0



#15

Methyl Acetate

Concen: 19.899 ug/L

RT: 2.314 min Scan# 396

Delta R.T. -0.058 min

Lab File: VV035409.D

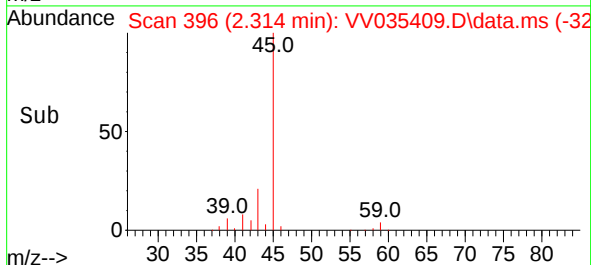
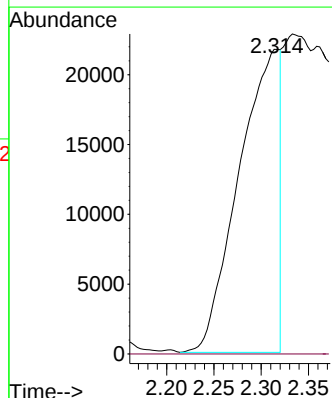
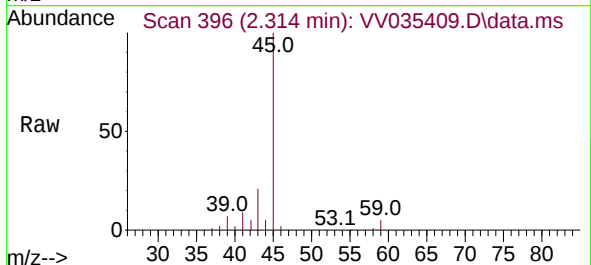
Acq: 25 Apr 2024 17:17

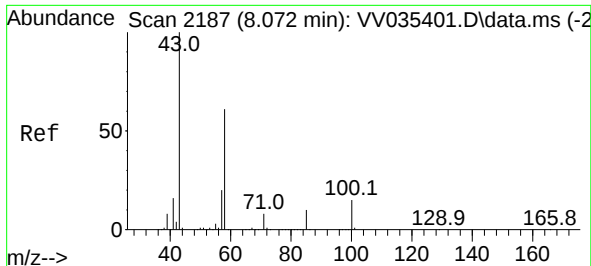
Tgt Ion: 43 Resp: 65470

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#

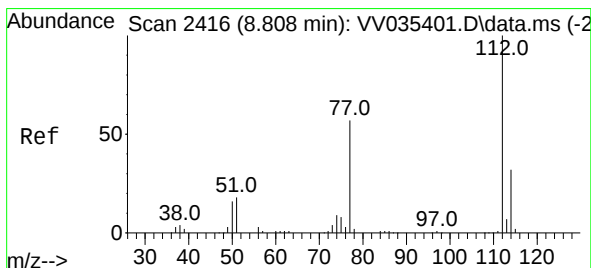
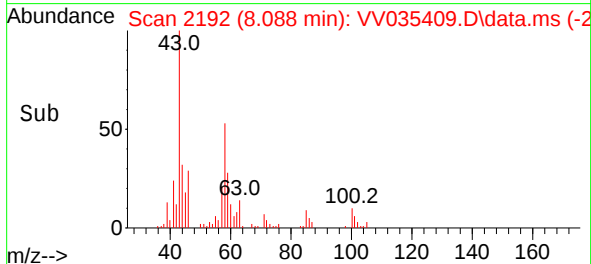
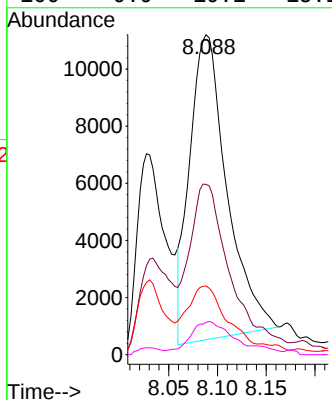
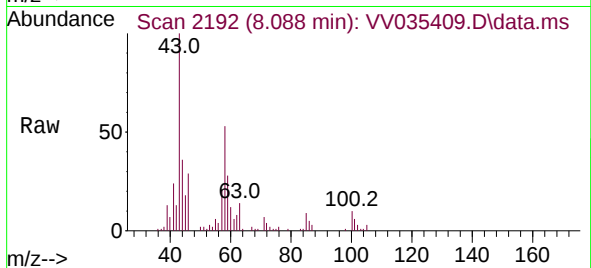




#48
2-Hexanone
Concen: 7.480 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VV035409.D
Acq: 25 Apr 2024 17:17

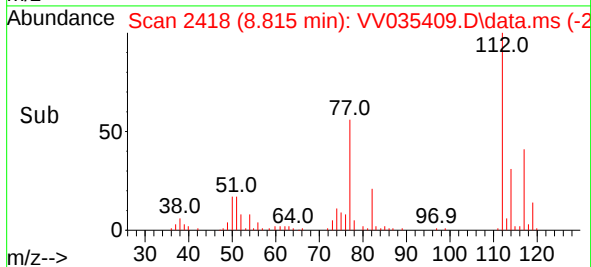
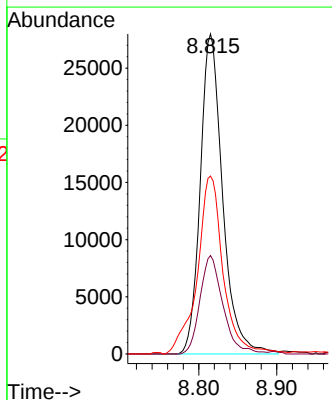
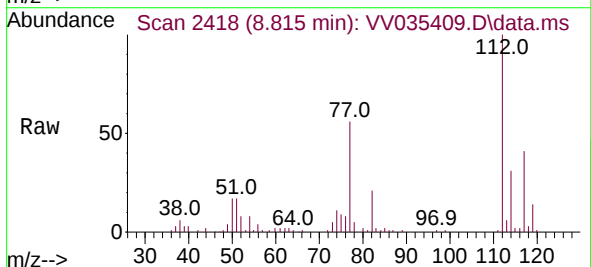
Instrument :
MSVOA_V
ClientSampleId :

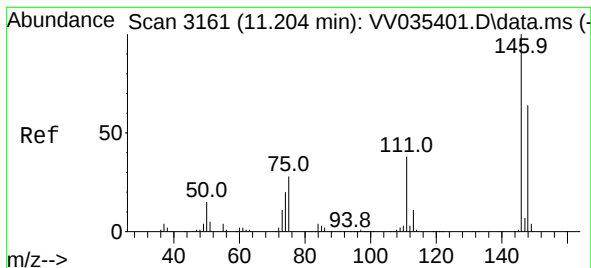
Tgt Ion: 43	Resp: 28407
Ion Ratio	Lower Upper
43 100	
58 47.4	45.4 68.2
57 20.0	16.2 24.4
100 9.9	10.1 15.1#



#51
Chlorobenzene
Concen: 6.503 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV035409.D
Acq: 25 Apr 2024 17:17

Tgt	Ion:112	Resp:	55843
Ion	Ratio	Lower	Upper
112	100		
114	30.7	22.0	41.0
77	55.6	47.4	71.2





#65

1,4-Dichlorobenzene

Concen: 4.033 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.007 min

Lab File: VV035409.D

Acq: 25 Apr 2024 17:17

Instrument :

MSVOA_V

ClientSampleId :

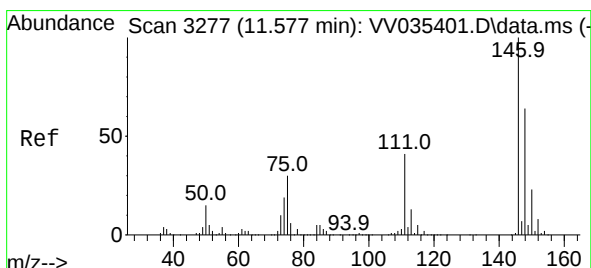
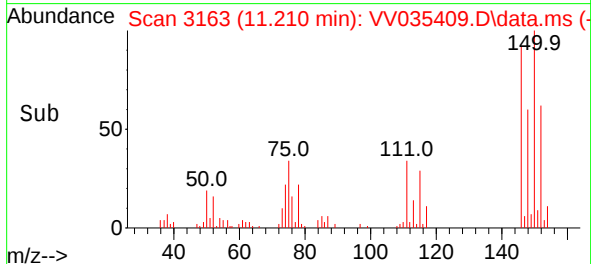
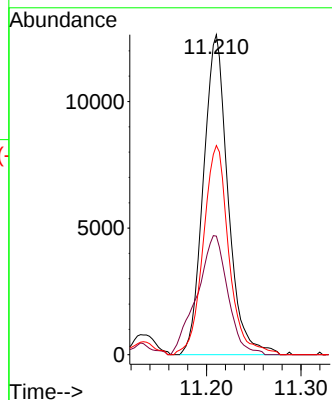
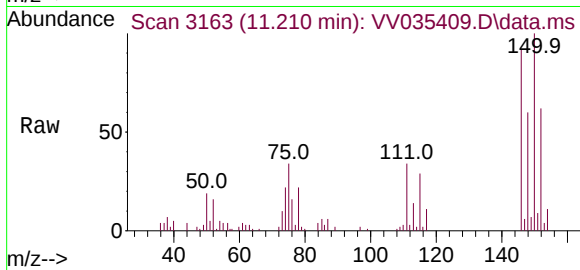
Tgt Ion:146 Resp: 22795

Ion Ratio Lower Upper

146 100

111 37.1 27.4 50.8

148 65.3 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 4.984 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035409.D

Acq: 25 Apr 2024 17:17

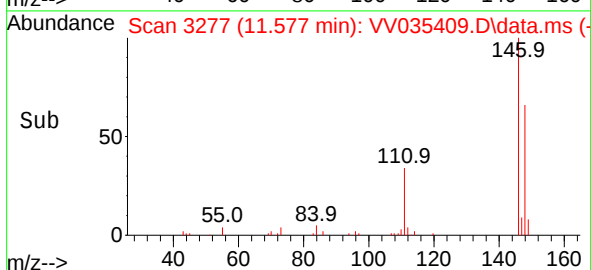
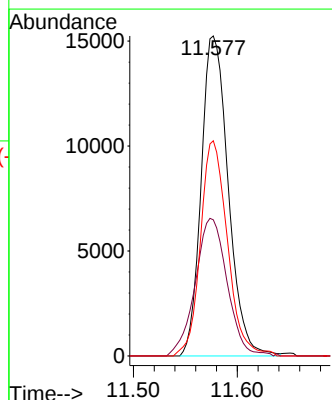
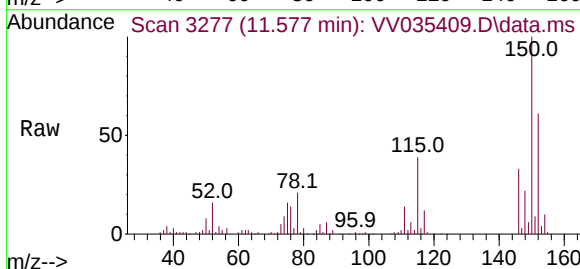
Tgt Ion:146 Resp: 27594

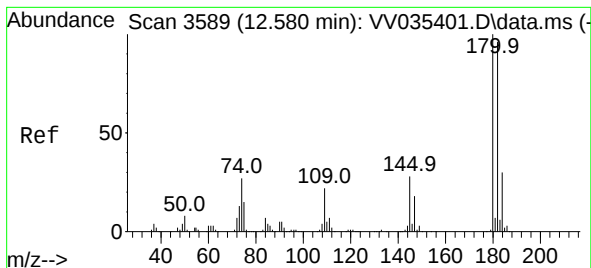
Ion Ratio Lower Upper

146 100

111 42.6 34.6 52.0

148 67.3 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 6.216 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV035409.D

Acq: 25 Apr 2024 17:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 24897

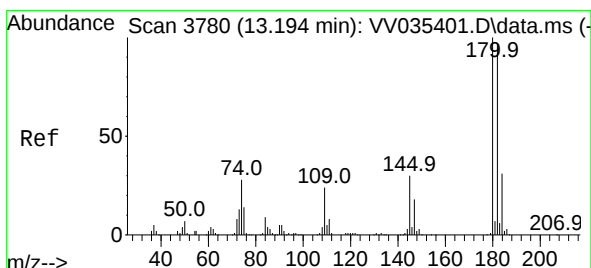
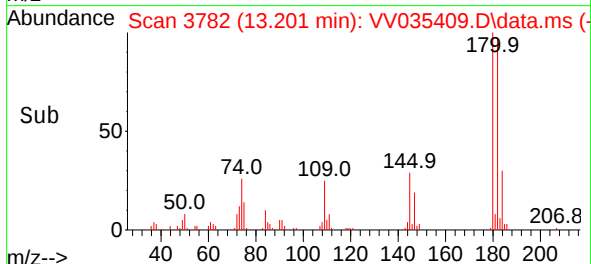
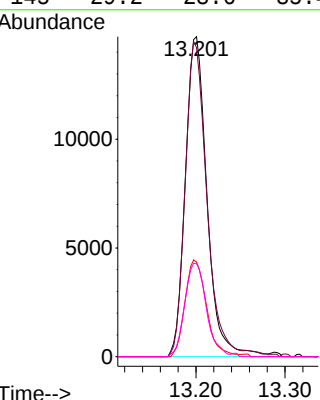
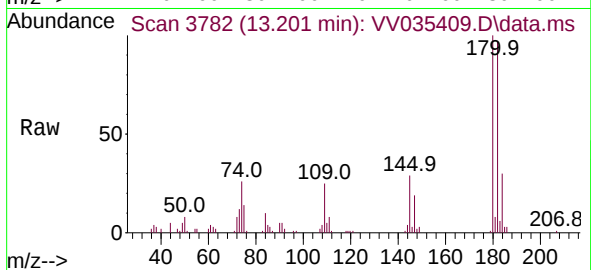
Ion Ratio Lower Upper

180 100

182 97.4 74.7 112.1

184 29.9 24.0 36.0

145 29.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 6.767 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.007 min

Lab File: VV035409.D

Acq: 25 Apr 2024 17:17

Tgt Ion:180 Resp: 24897

Ion Ratio Lower Upper

180 100

182 97.4 75.6 113.4

145 29.2 24.1 36.1

