

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034479.D
 Acq On : 29 Feb 2024 14:10
 Operator : SY/MD
 Sample : P1642-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 01:36:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 01:27:30 2024
 Response via : Initial Calibration

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

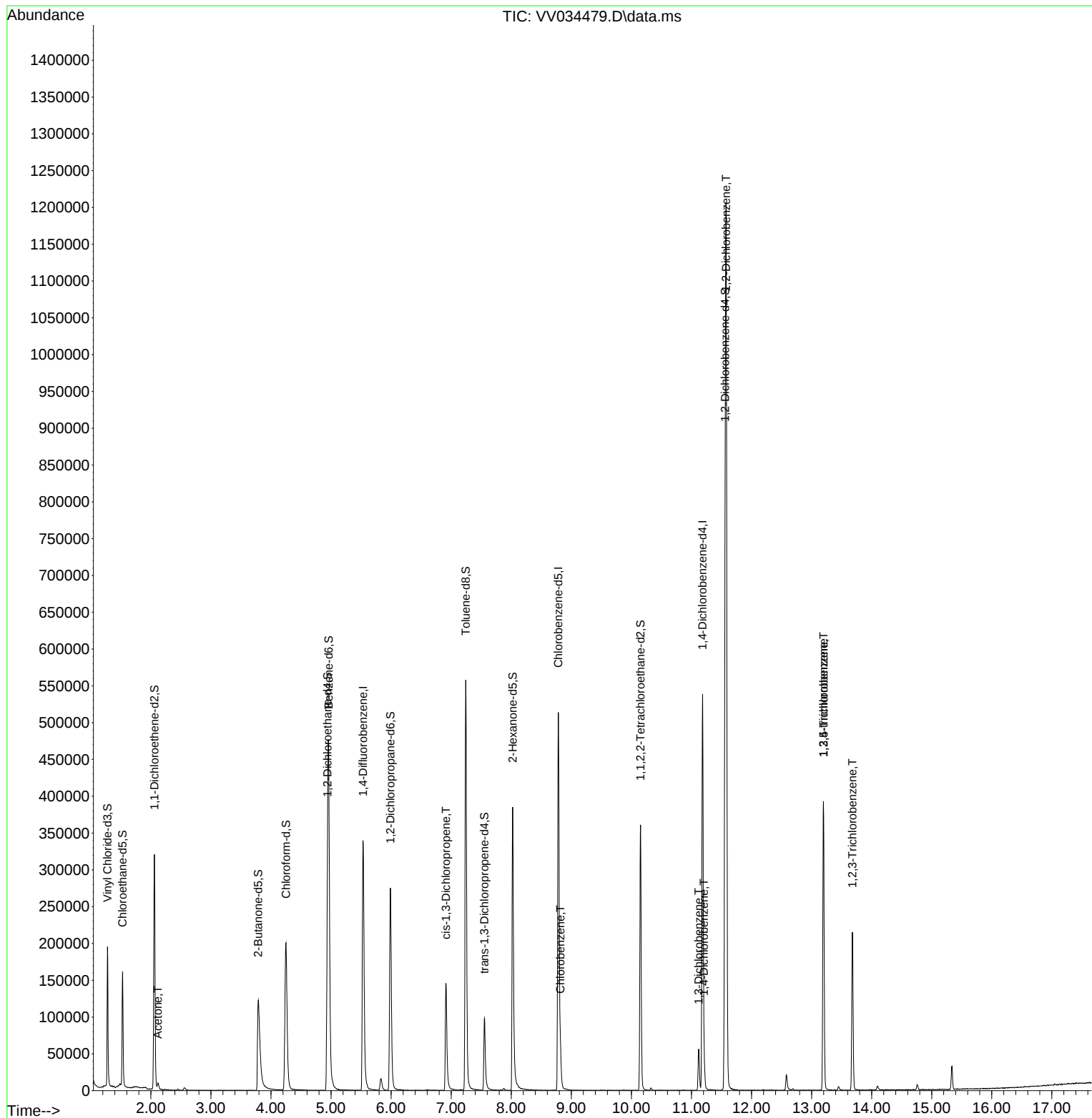
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	292101	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	270651	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	132127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	120191	47.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.920%		
7) Chloroethane-d5	1.529	69	97383	49.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.720%		
11) 1,1-Dichloroethene-d2	2.060	65	54122	47.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.520%		
21) 2-Butanone-d5	3.786	46	175059	103.378	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.380%		
24) Chloroform-d	4.249	84	212697	47.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.020%		
26) 1,2-Dichloroethane-d4	4.940	65	146672	50.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.260%		
32) Benzene-d6	4.960	84	408210	49.975	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.940%		
36) 1,2-Dichloropropane-d6	5.989	67	126197	50.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.240%		
41) Toluene-d8	7.243	98	365922	49.503	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.000%		
43) trans-1,3-Dichloroprop...	7.554	79	58398	46.651	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.300%		
47) 2-Hexanone-d5	8.024	63	132038	106.072	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.070%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	164999	50.297	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.600%		
66) 1,2-Dichlorobenzene-d4	11.561	152	140968	52.197	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.400%		
Target Compounds					Qvalue	
13) Acetone	2.117	43	8373	4.113	ug/L	97
39) cis-1,3-Dichloropropene	6.915	75	4629	1.299	ug/L #	60
51) Chlorobenzene	8.818	112	32603	5.672	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	21907	5.070	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	10814	2.465	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	408723	94.406	ug/L	100
69) 1,3,5-Trichlorobenzene	13.197	180	113017	34.868	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	113017	38.751	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	61466	21.604	ug/L	99

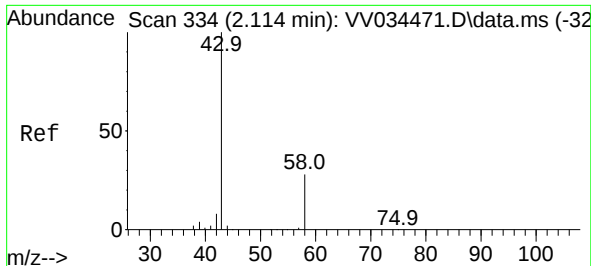
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 01 01:27:30 2024
Response via : Initial Calibration





#13

Acetone

Concen: 4.113 ug/L

RT: 2.117 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV034479.D

Acq: 29 Feb 2024 14:10

Instrument :

MSVOA_V

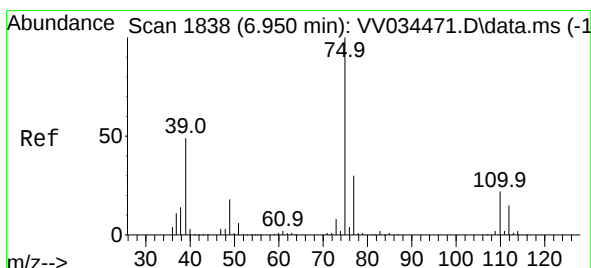
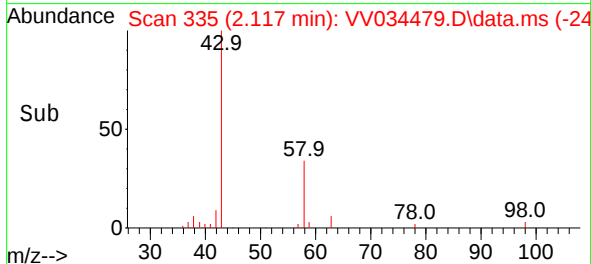
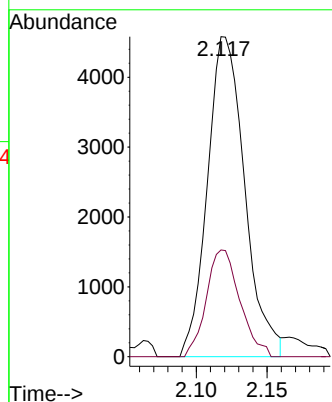
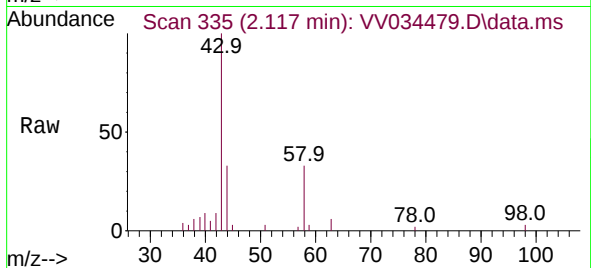
ClientSampleId :

Tgt Ion: 43 Resp: 8373

Ion Ratio Lower Upper

43 100

58 30.1 0.0 57.2



#39

cis-1,3-Dichloropropene

Concen: 1.299 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.036 min

Lab File: VV034479.D

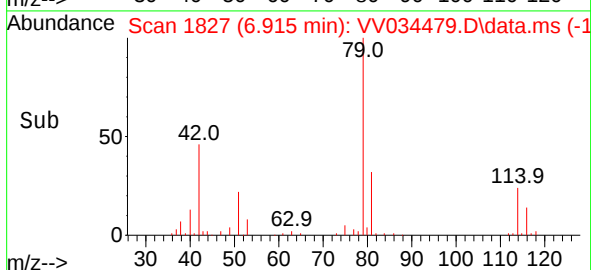
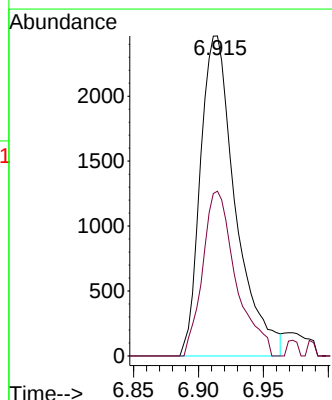
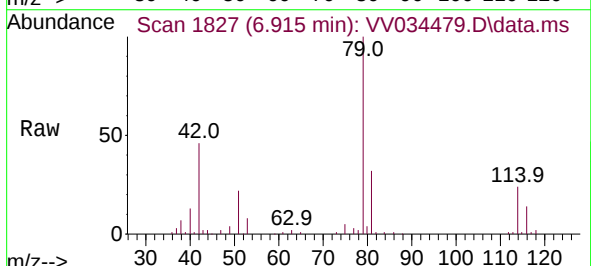
Acq: 29 Feb 2024 14:10

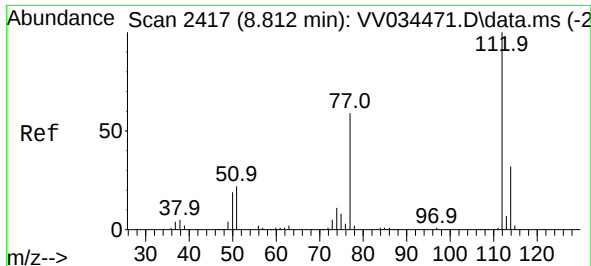
Tgt Ion: 75 Resp: 4629

Ion Ratio Lower Upper

75 100

77 51.5 20.9 38.9#





#51

Chlorobenzene

Concen: 5.672 ug/L

RT: 8.818 min Scan# 2417

Delta R.T. 0.006 min

Lab File: VV034479.D

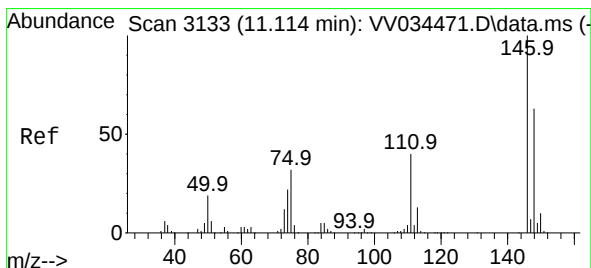
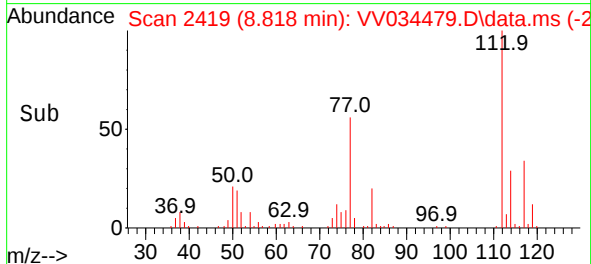
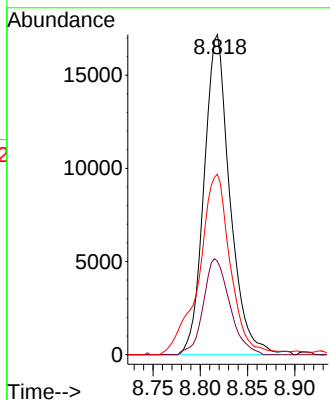
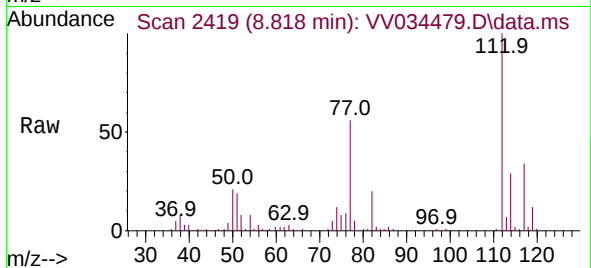
Acq: 29 Feb 2024 14:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:112	Resp:	32603
Ion Ratio	Lower	Upper
112	100	
114	29.2	22.3 41.5
77	56.4	47.7 71.5



#64

1,3-Dichlorobenzene

Concen: 5.070 ug/L

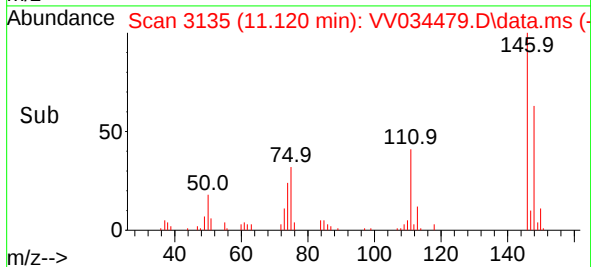
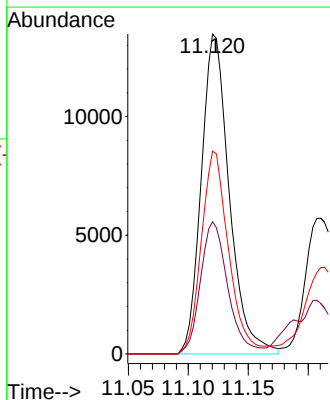
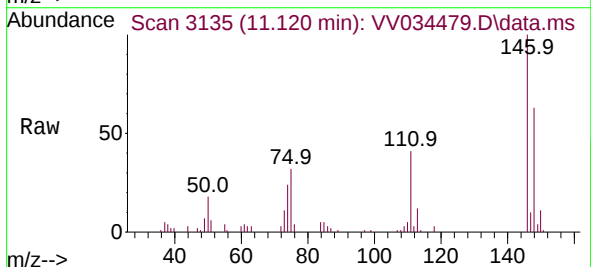
RT: 11.120 min Scan# 3135

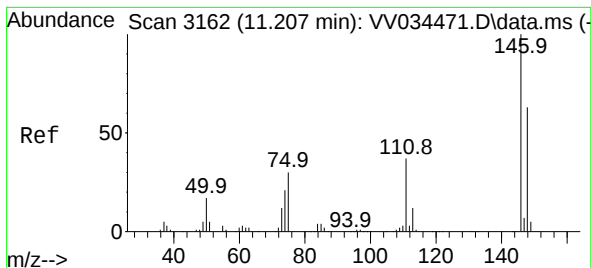
Delta R.T. 0.006 min

Lab File: VV034479.D

Acq: 29 Feb 2024 14:10

Tgt Ion:146	Resp:	21907
Ion Ratio	Lower	Upper
146	100	
111	41.3	27.9 51.7
148	63.4	44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 2.465 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034479.D

Acq: 29 Feb 2024 14:10

Instrument :

MSVOA_V

ClientSampleId :

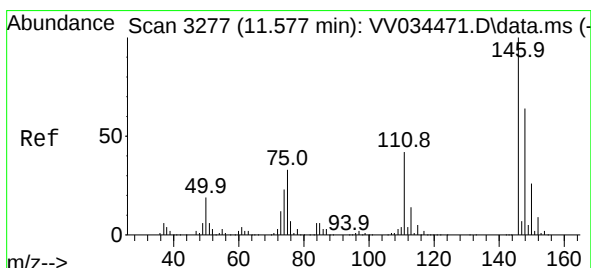
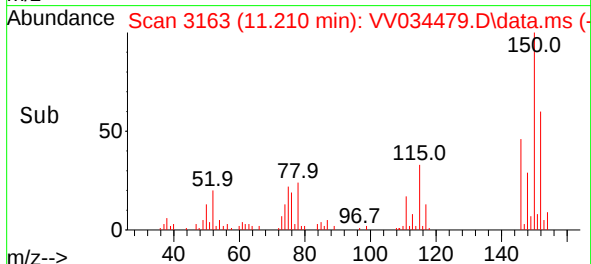
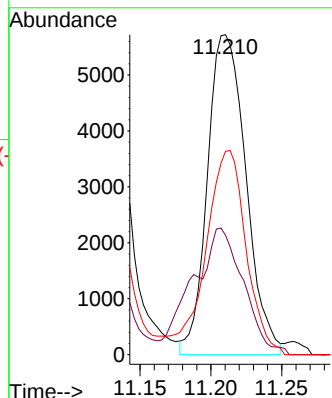
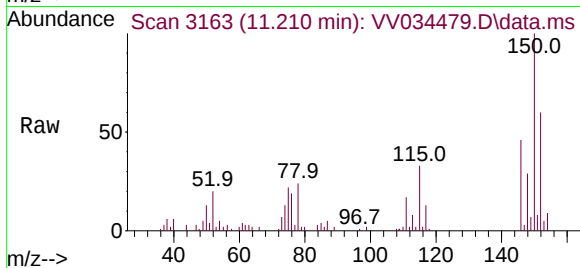
Tgt Ion:146 Resp: 10814

Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.1

148 63.5 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 94.406 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034479.D

Acq: 29 Feb 2024 14:10

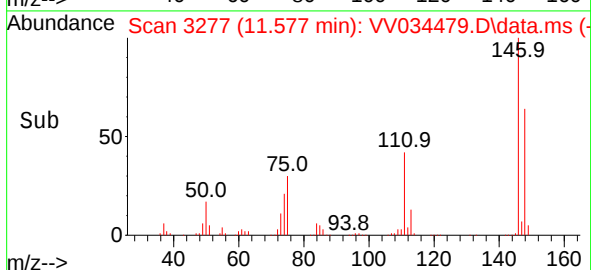
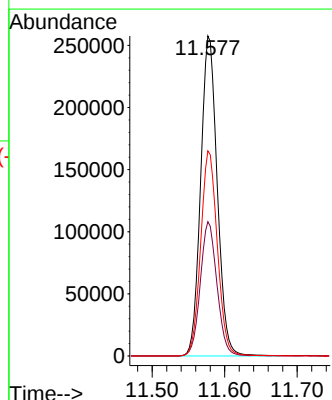
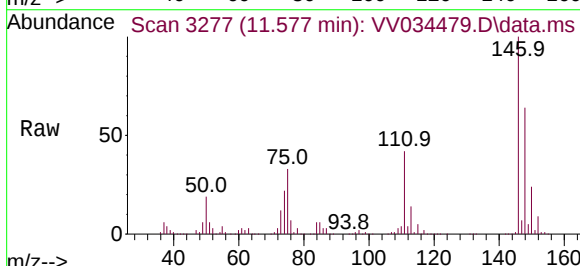
Tgt Ion:146 Resp: 408723

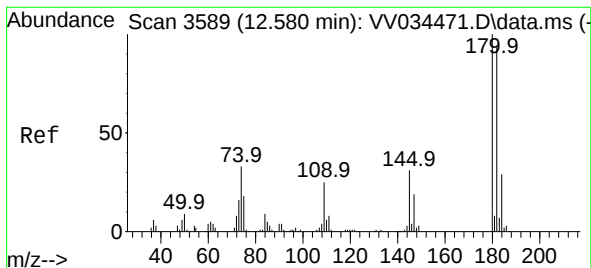
Ion Ratio Lower Upper

146 100

111 42.0 33.8 50.8

148 64.1 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 34.868 ug/L

RT: 13.197 min Scan# 3

Delta R.T. 0.617 min

Lab File: VV034479.D

Acq: 29 Feb 2024 14:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 113017

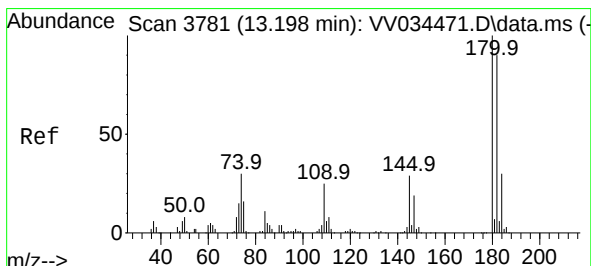
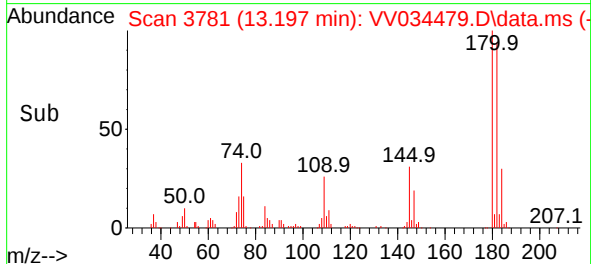
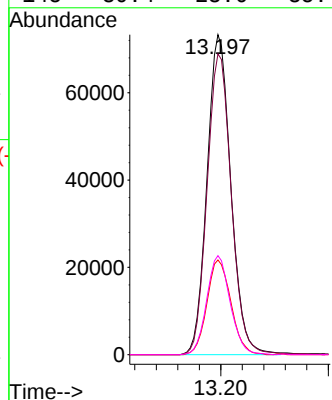
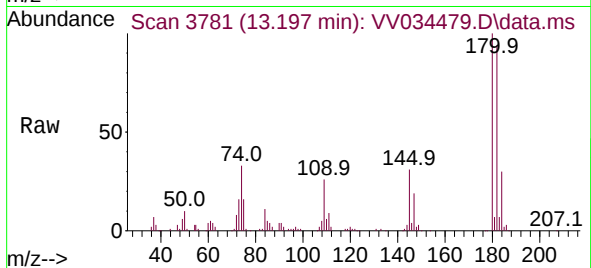
Ion Ratio Lower Upper

180 100

182 95.1 74.6 112.0

184 29.7 23.6 35.4

145 30.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 38.751 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034479.D

Acq: 29 Feb 2024 14:10

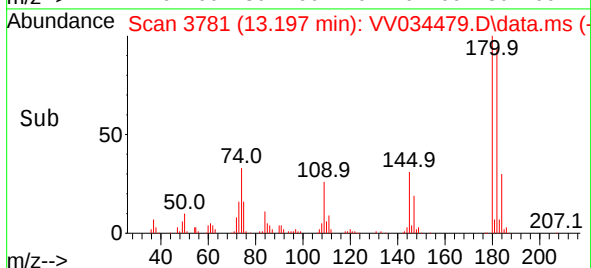
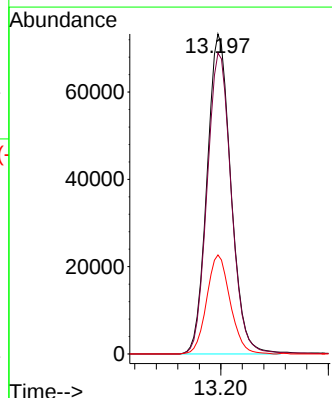
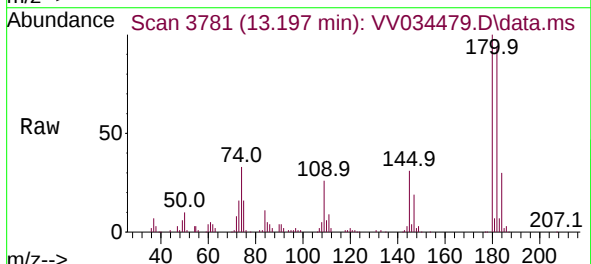
Tgt Ion:180 Resp: 113017

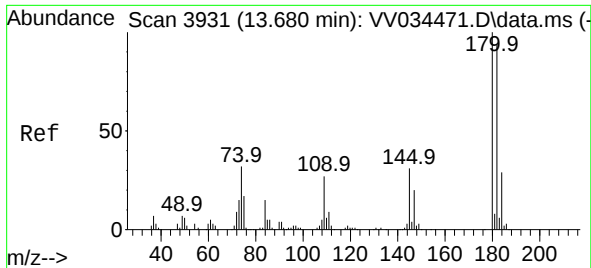
Ion Ratio Lower Upper

180 100

182 95.1 74.8 112.2

145 30.4 24.2 36.4





#72

1,2,3-Trichlorobenzene

Concen: 21.604 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

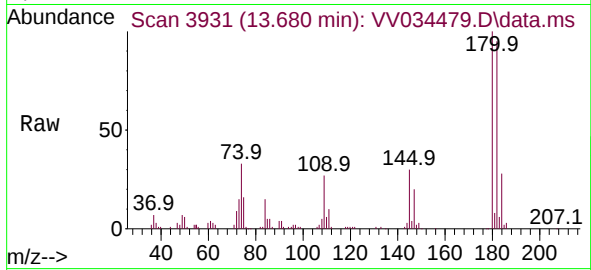
Lab File: VV034479.D

Acq: 29 Feb 2024 14:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 61466

Ion Ratio Lower Upper

180 100

182 95.9 75.9 113.9

145 31.7 25.5 38.3

