

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036202.D
 Acq On : 21 Jun 2024 13:22
 Operator : SY/MD
 Sample : VIBLK298
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:12:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

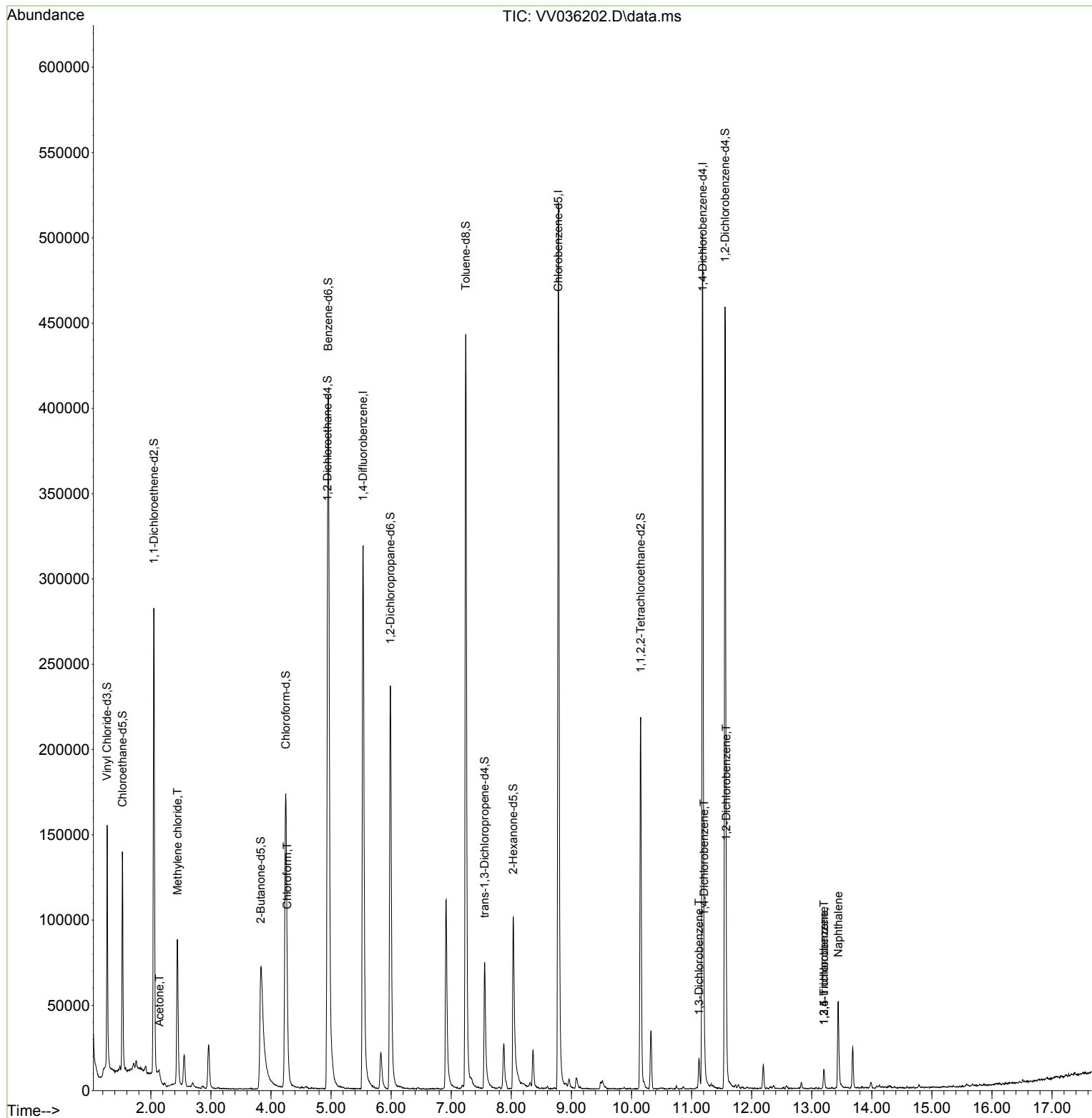
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	283675	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	289938	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131626	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	93163	17.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.440%
7) Chloroethane-d5	1.526	69	82979	19.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.050	65	44728	19.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.040%
21) 2-Butanone-d5	3.831	46	51186	42.776	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.560%
24) Chloroform-d	4.246	84	191492	21.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.920%
26) 1,2-Dichloroethane-d4	4.940	65	110711	23.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.640%
32) Benzene-d6	4.953	84	364376	21.142	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.560%
36) 1,2-Dichloropropane-d6	5.989	67	120465	22.196	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.800%
41) Toluene-d8	7.243	98	309442	20.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.554	79	48349	21.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.920%
47) 2-Hexanone-d5	8.030	63	40447	55.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.020%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	109350	26.962	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	118287	24.506	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
13) Acetone	2.143	43	5397	2.895	ug/L	# 58
16) Methylene chloride	2.442	84	37546	5.849	ug/L	96
25) Chloroform	4.268	83	5726	0.606	ug/L	94
64) 1,3-Dichlorobenzene	11.127	146	7778	0.877	ug/L	94
65) 1,4-Dichlorobenzene	11.207	146	6831	0.746	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	3663	0.439	ug/L	97
69) 1,3,5-Trichlorobenzene	13.204	180	3549	0.535	ug/L	88
70) 1,2,4-trichlorobenzene	13.204	180	3549	0.679	ug/L	88
71) Naphthalene	13.442	128	42903	5.033	ug/L	99

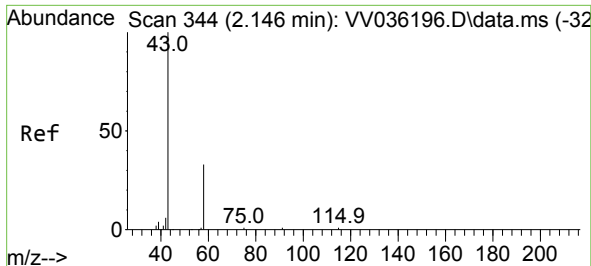
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.895 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV036202.D

Acq: 21 Jun 2024 13:22

Instrument :

MSVOA_V

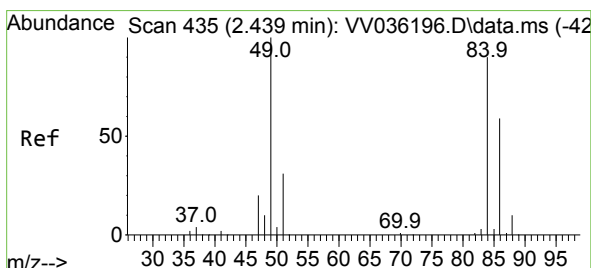
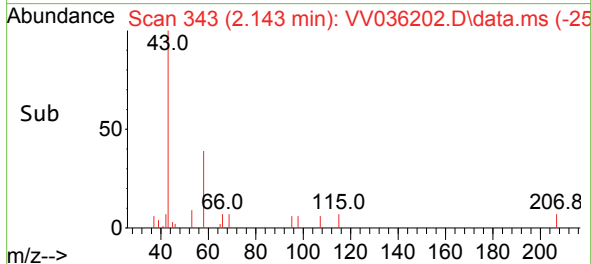
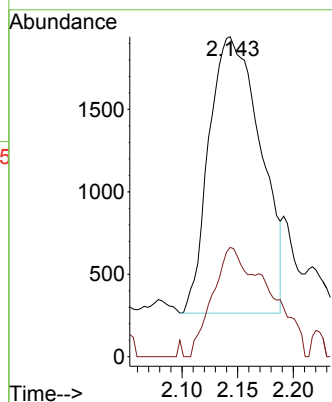
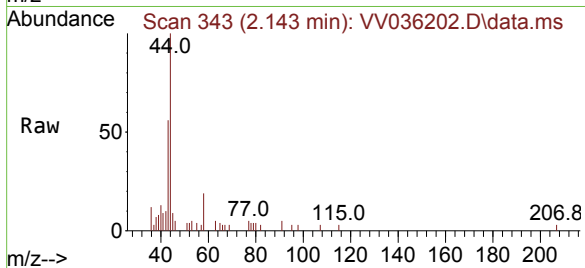
ClientSampleId :

Tgt Ion: 43 Resp: 5397

Ion Ratio Lower Upper

43 100

58 28.3 0.0 24.2#



#16

Methylene chloride

Concen: 5.849 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036202.D

Acq: 21 Jun 2024 13:22

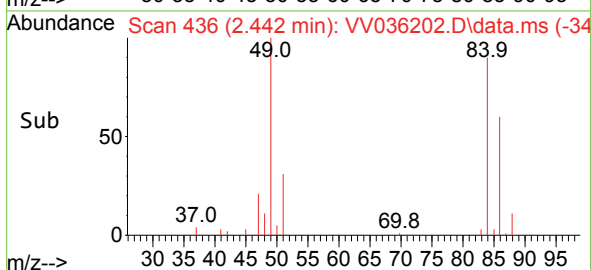
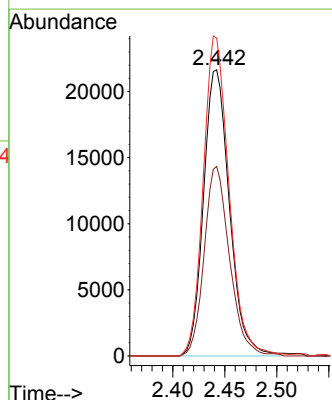
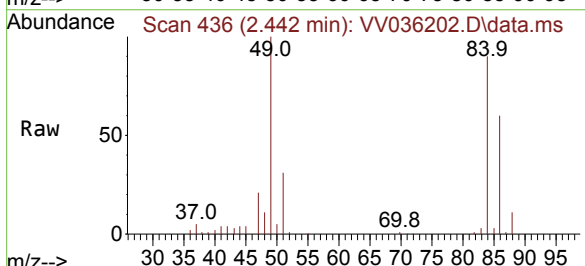
Tgt Ion: 84 Resp: 37546

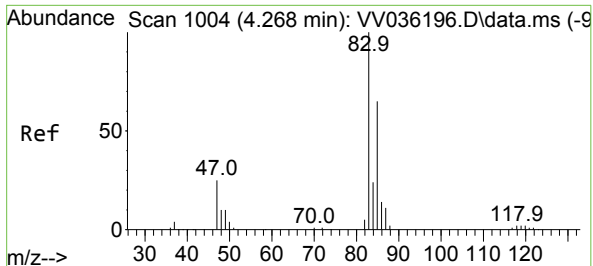
Ion Ratio Lower Upper

84 100

86 66.3 44.6 82.8

49 111.1 81.1 150.5





#25

Chloroform

Concen: 0.606 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VV036202.D

Acq: 21 Jun 2024 13:22

Instrument :

MSVOA_V

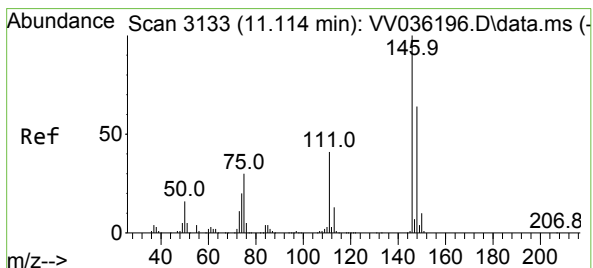
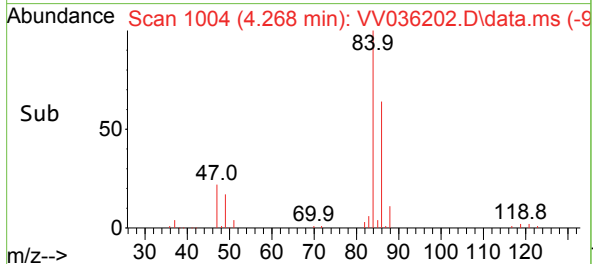
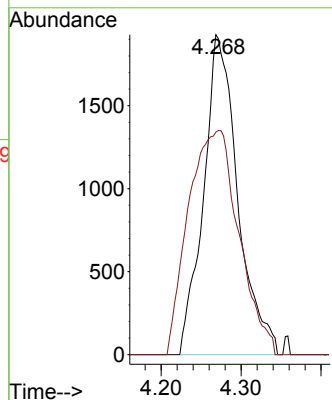
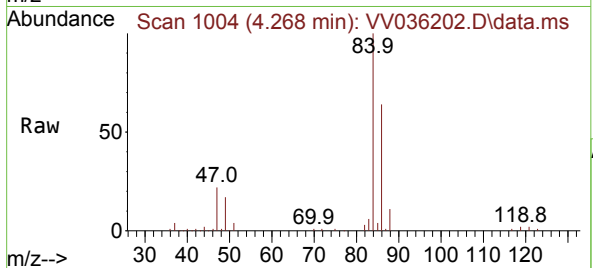
ClientSampleId :

Tgt Ion: 83 Resp: 5726

Ion Ratio Lower Upper

83 100

85 69.6 45.2 84.0



#64

1,3-Dichlorobenzene

Concen: 0.877 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.013 min

Lab File: VV036202.D

Acq: 21 Jun 2024 13:22

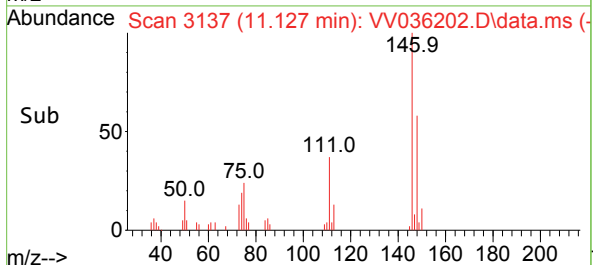
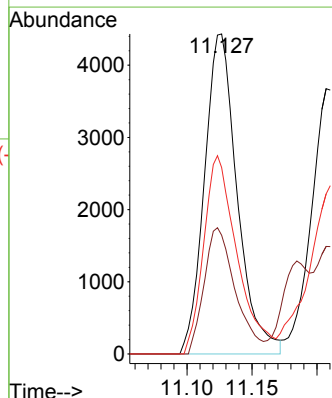
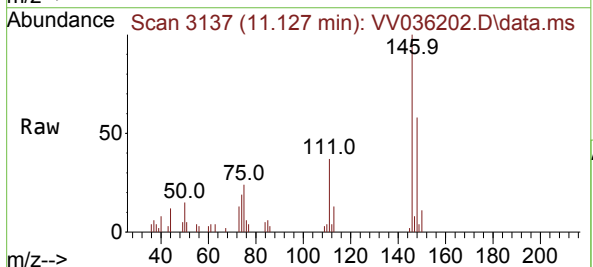
Tgt Ion:146 Resp: 7778

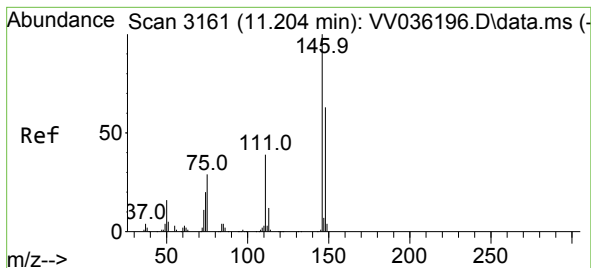
Ion Ratio Lower Upper

146 100

111 37.1 28.1 52.1

148 58.2 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 0.746 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV036202.D

Acq: 21 Jun 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

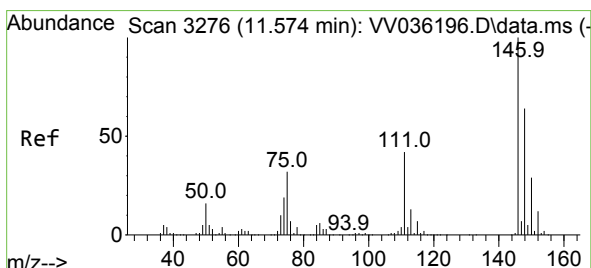
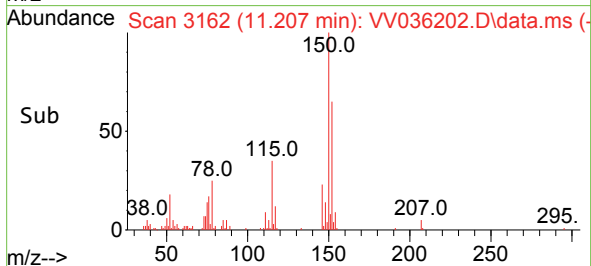
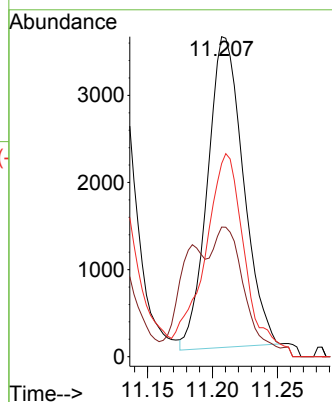
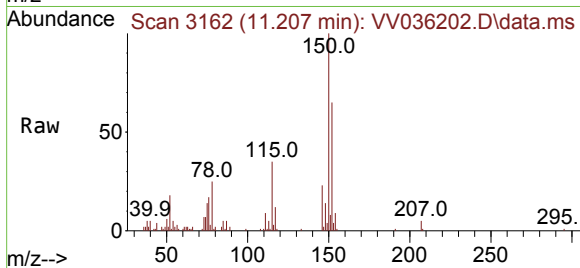
Tgt Ion:146 Resp: 6831

Ion Ratio Lower Upper

146 100

111 40.5 26.9 50.1

148 60.3 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 0.439 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV036202.D

Acq: 21 Jun 2024 13:22

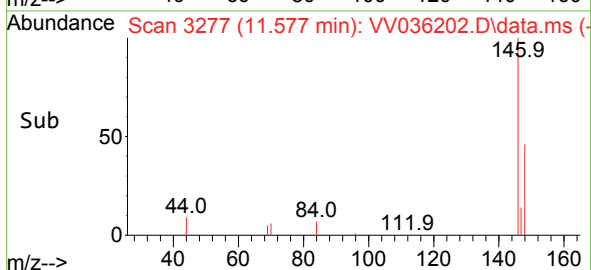
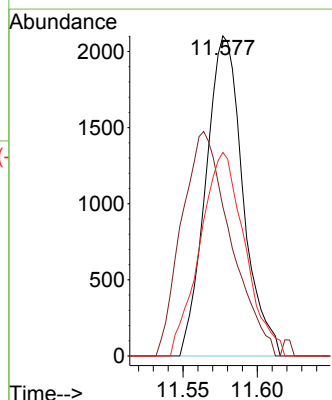
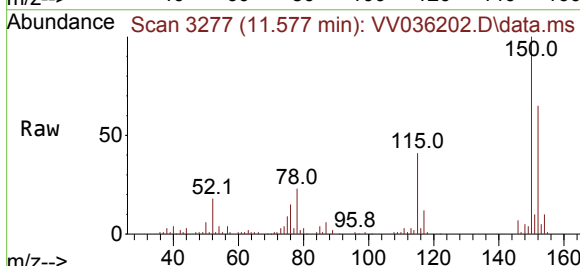
Tgt Ion:146 Resp: 3663

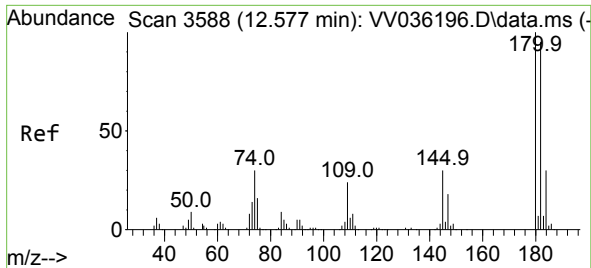
Ion Ratio Lower Upper

146 100

111 46.6 33.5 50.3

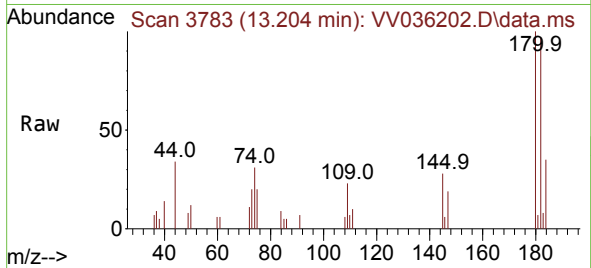
148 63.6 50.9 76.3



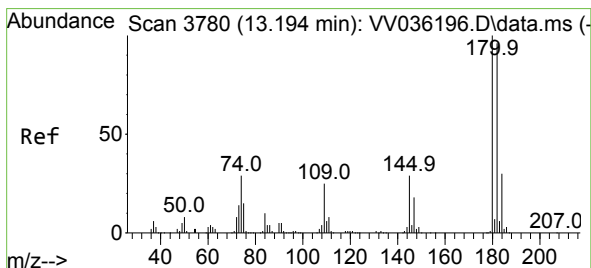
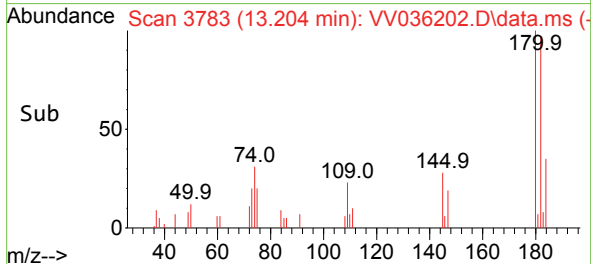
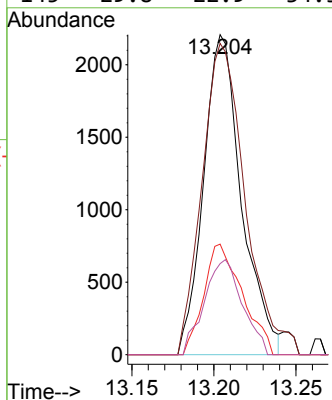


#69
1,3,5-Trichlorobenzene
Concen: 0.535 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.624 min
Lab File: VV036202.D
Acq: 21 Jun 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :

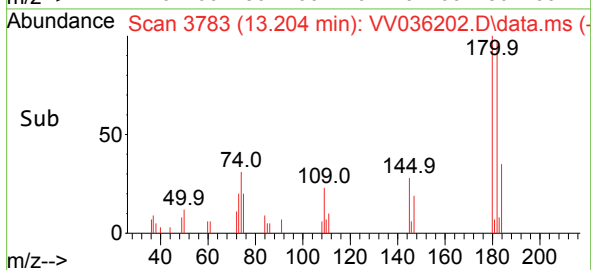
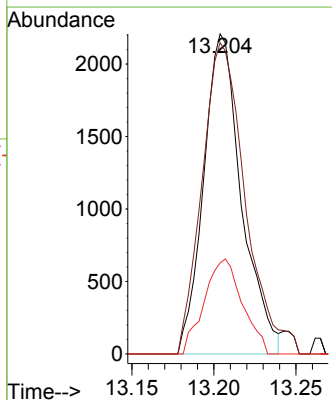
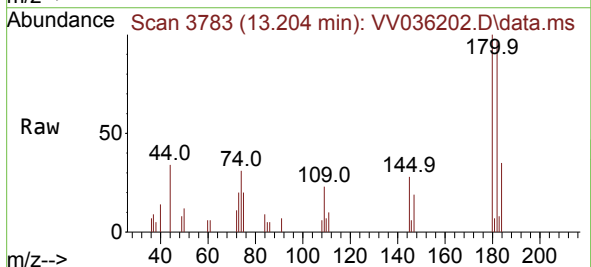


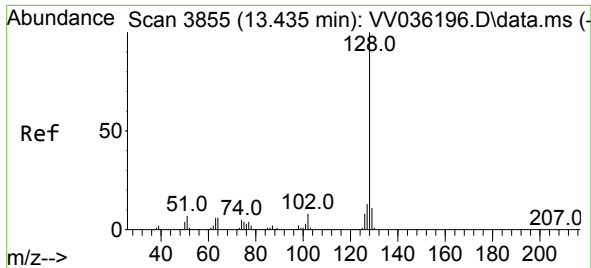
Tgt Ion:180 Resp: 3549
Ion Ratio Lower Upper
180 100
182 110.5 76.2 114.4
184 35.2 24.2 36.2
145 29.8 22.9 34.3



#70
1,2,4-trichlorobenzene
Concen: 0.679 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.010 min
Lab File: VV036202.D
Acq: 21 Jun 2024 13:22

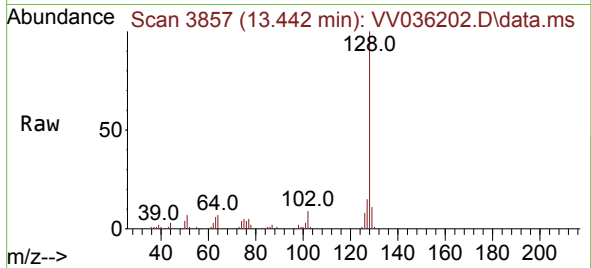
Tgt Ion:180 Resp: 3549
Ion Ratio Lower Upper
180 100
182 110.5 76.1 114.1
145 29.8 23.5 35.3





#71
Naphthalene
Concen: 5.033 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV036202.D
Acq: 21 Jun 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 42903
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 11.2 8.8 13.2

