

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
 Data File : VV036601.D
 Acq On : 18 Jul 2024 10:51
 Operator : SY/MD
 Sample : VV0718SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 19 04:40:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 04:31:33 2024
 Response via : Initial Calibration

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

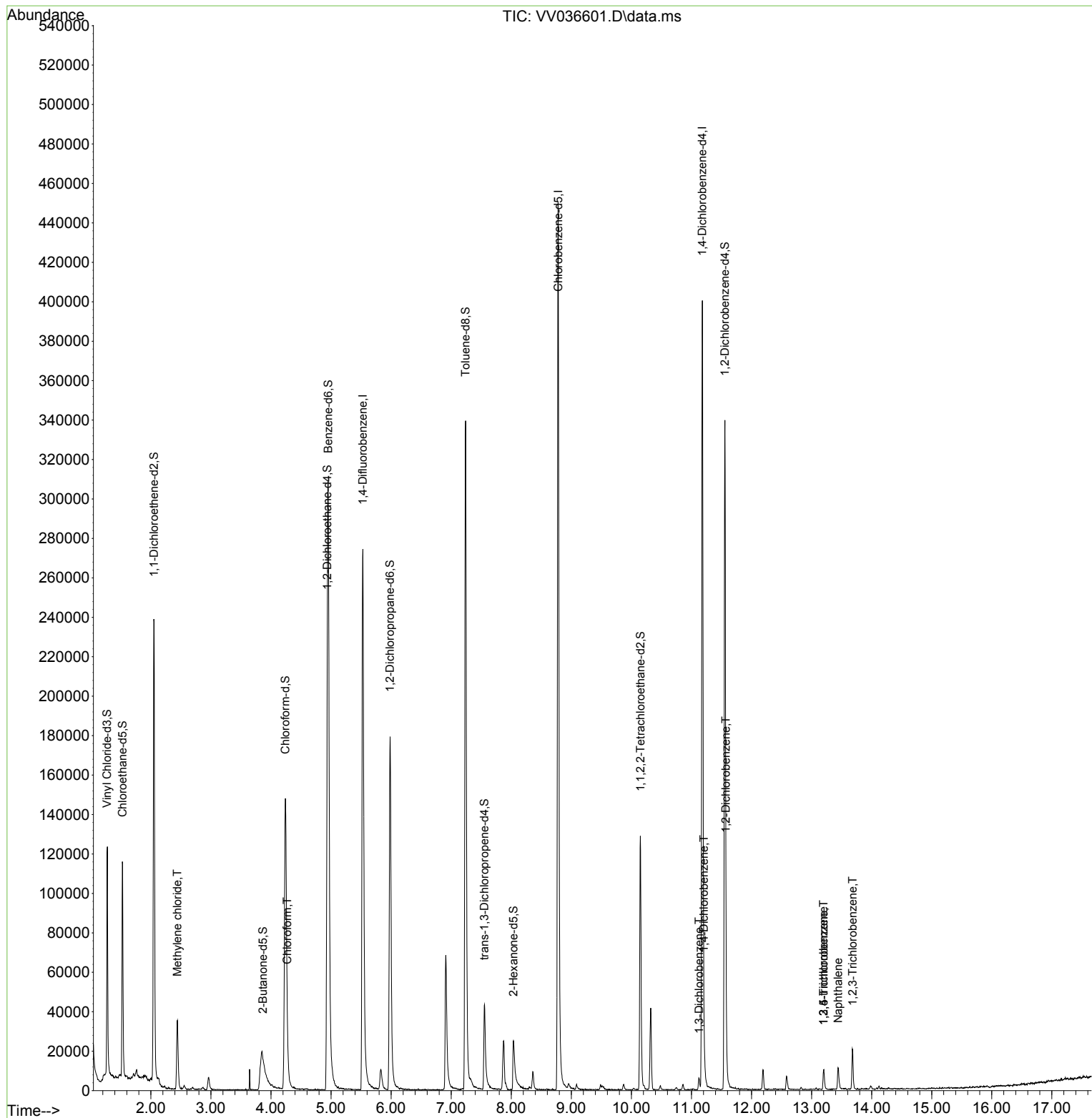
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	260730	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	271625	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	114851	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	74757	20.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
7) Chloroethane-d5	1.526	69	71518	21.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.053	65	38182	19.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.640%
21) 2-Butanone-d5	3.864	46	9971	15.596	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.200%
24) Chloroform-d	4.240	84	164780	21.712	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.840%
26) 1,2-Dichloroethane-d4	4.937	65	76579	20.344	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.360%
32) Benzene-d6	4.953	84	293200	21.637	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.560%
36) 1,2-Dichloropropane-d6	5.982	67	87404	21.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.560%
41) Toluene-d8	7.240	98	243201	19.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.555	79	29318	17.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.840%
47) 2-Hexanone-d5	8.037	63	10676	23.802	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.600%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	61086	17.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	97940	25.128	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.520%
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	16508	3.080	ug/L	95
25) Chloroform	4.272	83	4595	0.611	ug/L	90
64) 1,3-Dichlorobenzene	11.127	146	3052	0.450	ug/L	93
65) 1,4-Dichlorobenzene	11.207	146	4209	0.578	ug/L	82
67) 1,2-Dichlorobenzene	11.574	146	3751	0.575	ug/L #	93
69) 1,3,5-Trichlorobenzene	13.201	180	3955	0.753	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	3955	0.947	ug/L	99
71) Naphthalene	13.442	128	9862	1.572	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	4365	1.105	ug/L	98

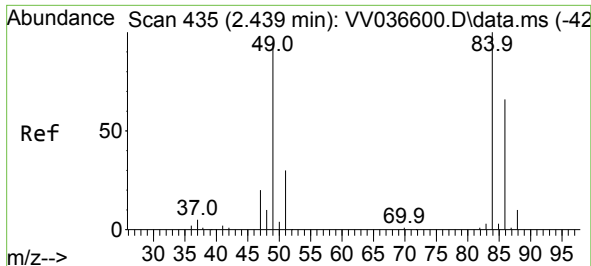
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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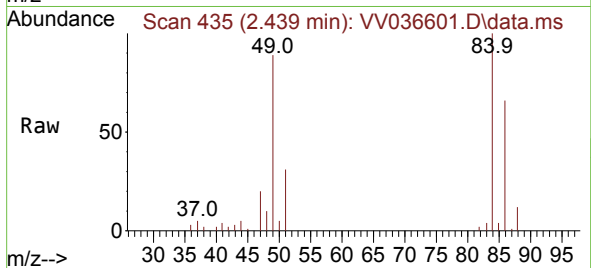
Quant Time: Jul 19 04:40:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 04:31:33 2024
Response via : Initial Calibration



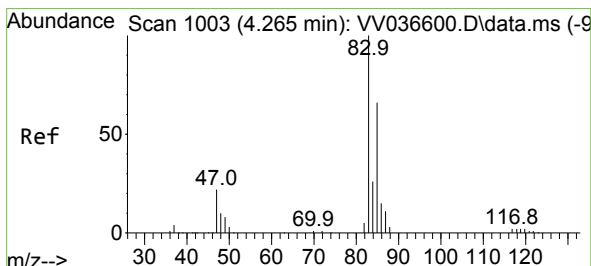
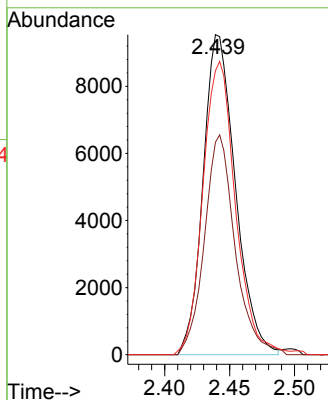
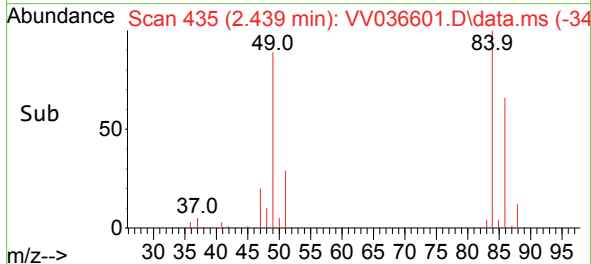


#16
Methylene chloride
Concen: 3.080 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036601.D
Acq: 18 Jul 2024 10:51

Instrument :
MSVOA_V
ClientSampleId :

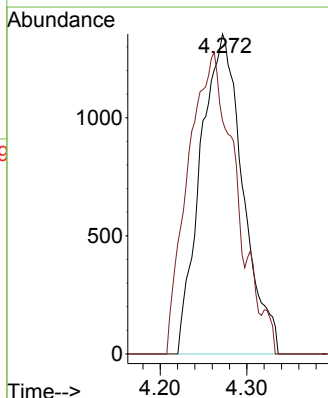
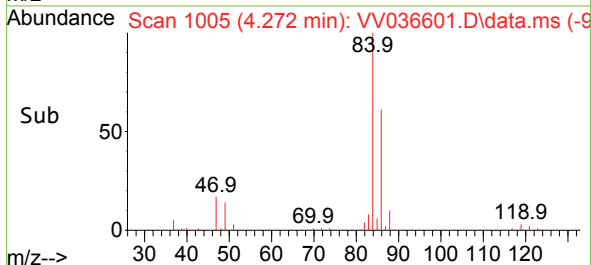
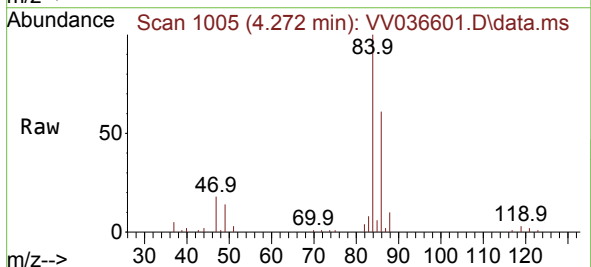


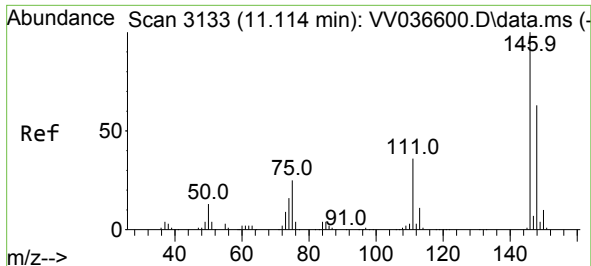
Tgt Ion: 84 Resp: 16508
Ion Ratio Lower Upper
84 100
86 66.4 46.3 86.1
49 88.8 68.1 126.5



#25
Chloroform
Concen: 0.611 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV036601.D
Acq: 18 Jul 2024 10:51

Tgt Ion: 83 Resp: 4595
Ion Ratio Lower Upper
83 100
85 72.8 45.6 84.6

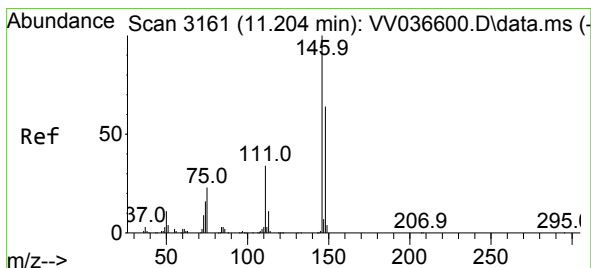
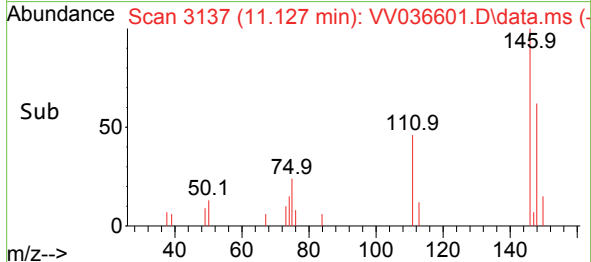
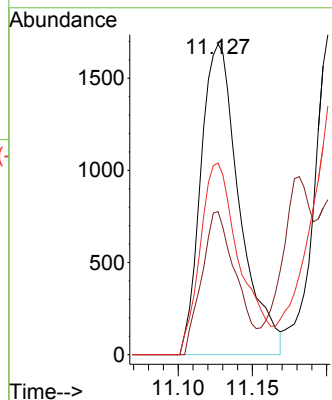
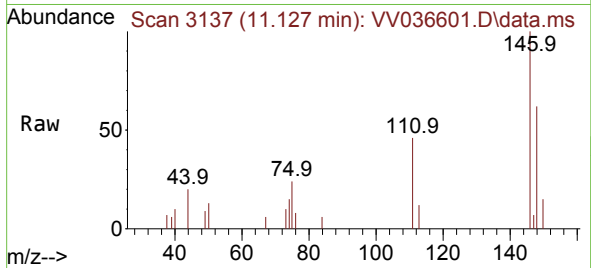




#64
1,3-Dichlorobenzene
Concen: 0.450 ug/L
RT: 11.127 min Scan# 3133
Delta R.T. 0.013 min
Lab File: VV036601.D
Acq: 18 Jul 2024 10:51

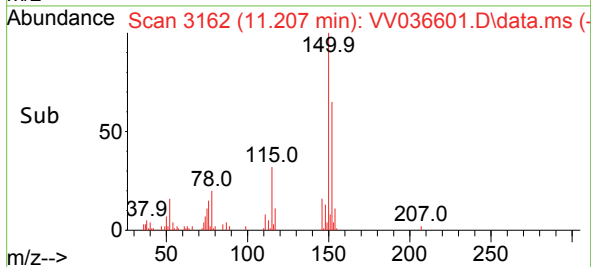
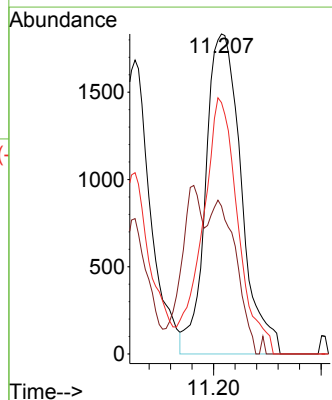
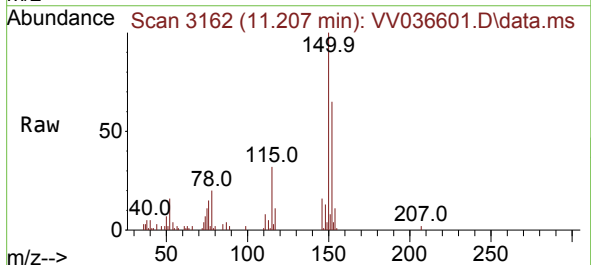
Instrument :
MSVOA_V
ClientSampleId :

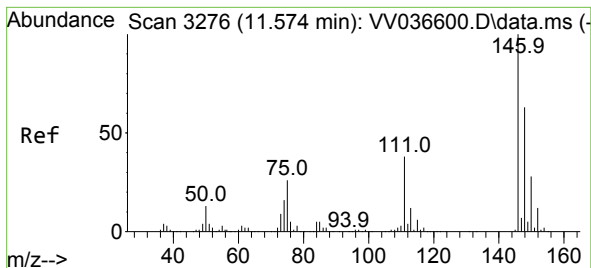
Tgt Ion:146 Resp: 3052
Ion Ratio Lower Upper
146 100
111 46.1 25.8 47.8
148 61.7 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.578 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036601.D
Acq: 18 Jul 2024 10:51

Tgt Ion:146 Resp: 4209
Ion Ratio Lower Upper
146 100
111 46.2 25.2 46.8
148 78.6 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 0.575 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036601.D

Acq: 18 Jul 2024 10:51

Instrument :

MSVOA_V

ClientSampleId :

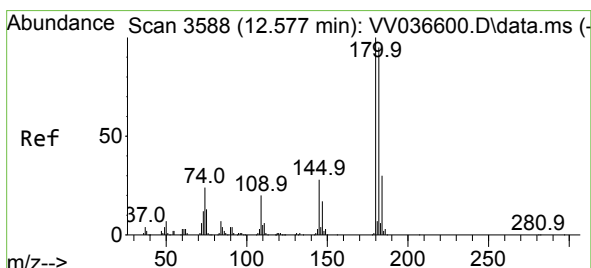
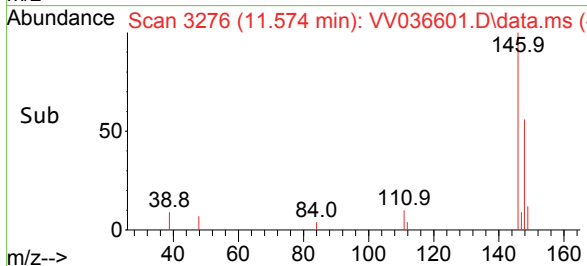
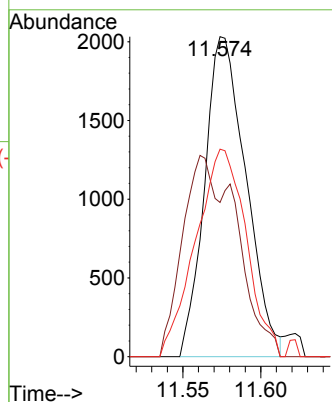
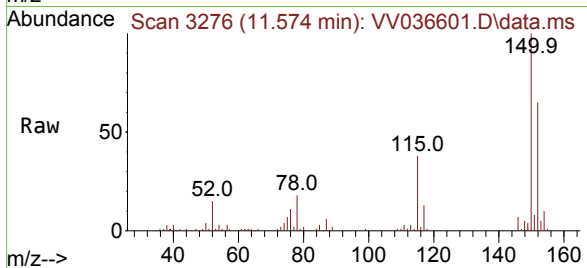
Tgt Ion:146 Resp: 3751

Ion Ratio Lower Upper

146 100

111 48.2 30.8 46.2#

148 64.9 51.3 76.9



#69

1,3,5-Trichlorobenzene

Concen: 0.753 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.624 min

Lab File: VV036601.D

Acq: 18 Jul 2024 10:51

Tgt Ion:180 Resp: 3955

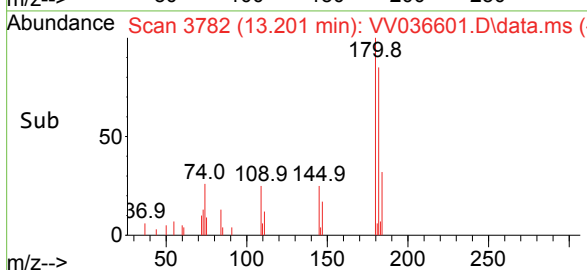
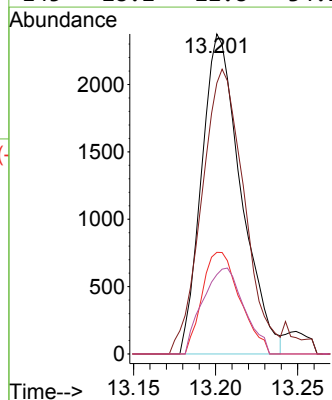
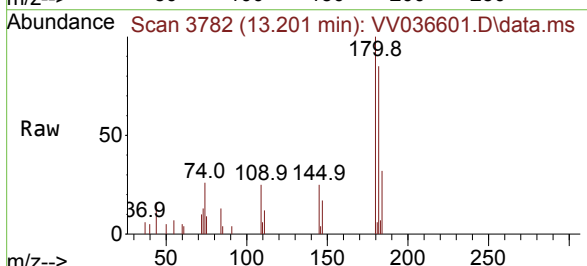
Ion Ratio Lower Upper

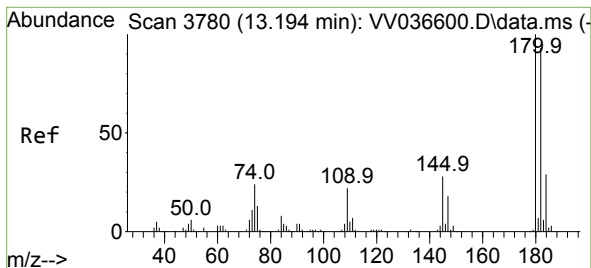
180 100

182 95.5 77.4 116.0

184 30.6 24.4 36.6

145 28.2 22.8 34.2





#70

1,2,4-trichlorobenzene

Concen: 0.947 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV036601.D

Acq: 18 Jul 2024 10:51

Instrument :

MSVOA_V

ClientSampleId :

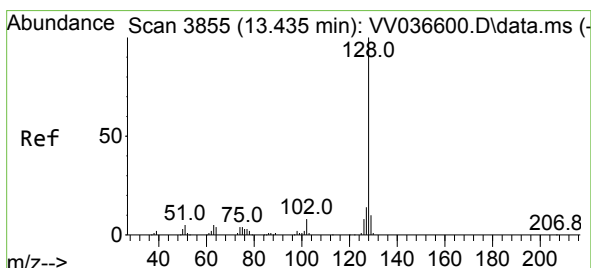
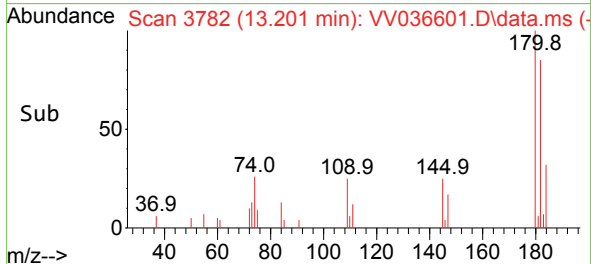
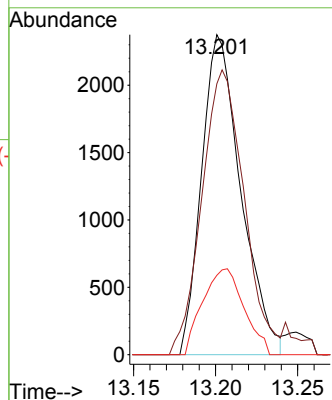
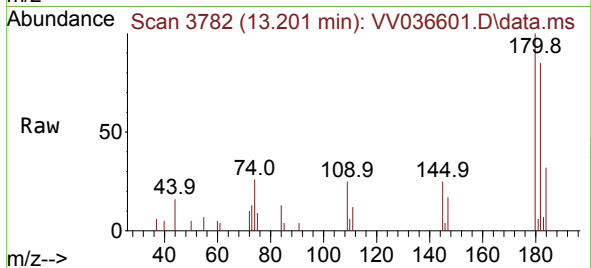
Tgt Ion:180 Resp: 3955

Ion Ratio Lower Upper

180 100

182 95.5 76.7 115.1

145 28.2 23.0 34.6



#71

Naphthalene

Concen: 1.572 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.006 min

Lab File: VV036601.D

Acq: 18 Jul 2024 10:51

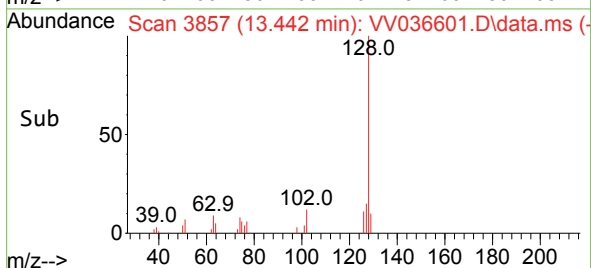
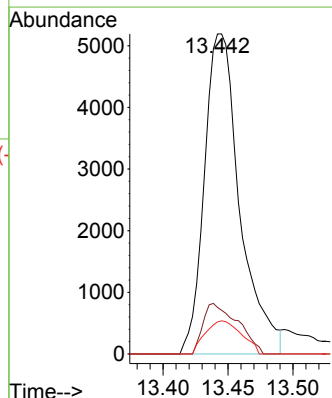
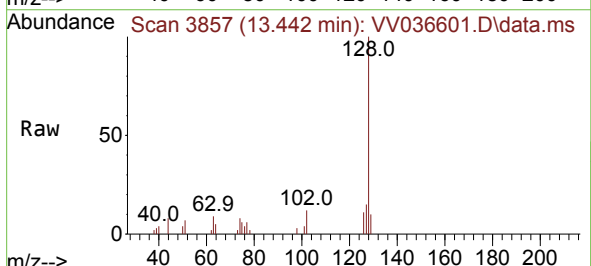
Tgt Ion:128 Resp: 9862

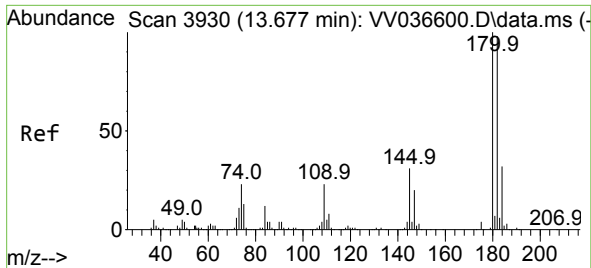
Ion Ratio Lower Upper

128 100

127 15.5 10.8 16.2

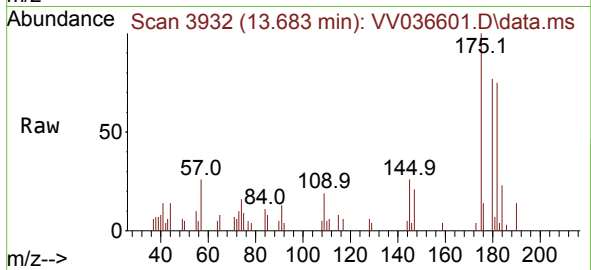
129 10.5 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.105 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.006 min
 Lab File: VV036601.D
 Acq: 18 Jul 2024 10:51

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	4365
Ion Ratio	Lower	Upper	
180	100		
182	97.8	76.6	114.8
145	29.8	24.4	36.6

