

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041924\
 Data File : VW035310.D
 Acq On : 19 Apr 2024 16:04
 Operator : SY/MD
 Sample : P2157-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

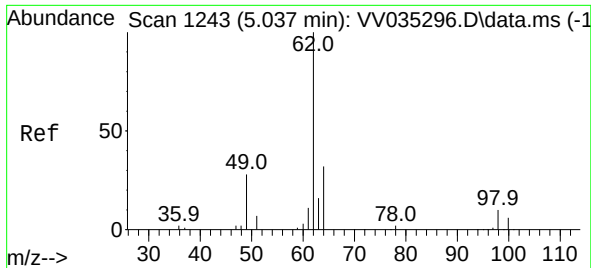
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 22:32:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	407496	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	406249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	191901	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121715	30.928	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.860%		
7) Chloroethane-d5	1.529	69	109622	32.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	64.140%#		
11) 1,1-Dichloroethene-d2	2.056	65	54778	31.754	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.500%		
21) 2-Butanone-d5	3.786	46	187213	80.211	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.210%		
24) Chloroform-d	4.246	84	264977	40.047	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.100%		
26) 1,2-Dichloroethane-d4	4.940	65	170525	40.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.180%		
32) Benzene-d6	4.960	84	521730	38.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.460%		
36) 1,2-Dichloropropane-d6	5.985	67	173587	40.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.120%		
41) Toluene-d8	7.243	98	435052	35.400	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.800%#		
43) trans-1,3-Dichloroprop...	7.554	79	65791	31.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.460%		
47) 2-Hexanone-d5	8.024	63	112712	68.796	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.800%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	253299	42.448	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.900%		
66) 1,2-Dichlorobenzene-d4	11.558	152	189066	43.881	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.760%		
Target Compounds			Qvalue			
27) 1,2-Dichloroethane	5.008	62	10648	2.231	ug/L #	75
33) Benzene	5.008	78	1223185	92.335	ug/L	100
48) 2-Hexanone	8.085	43	18129	4.560	ug/L #	64
51) Chlorobenzene	8.812	112	1581864	175.983	ug/L	99
61) 1,2,3-Trichloropropane	11.120	75	10344	2.488	ug/L #	49
64) 1,3-Dichlorobenzene	11.120	146	34842	5.389	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	590579	89.828	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	522726	81.163	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	41856	8.983	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	41856	9.779	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	4797	1.137	ug/L	96

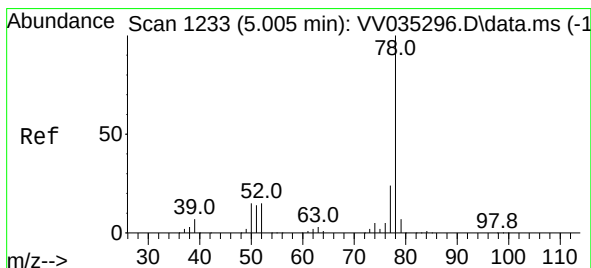
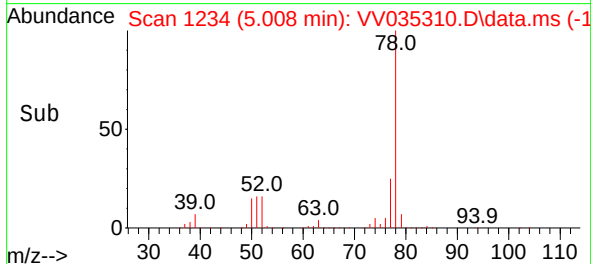
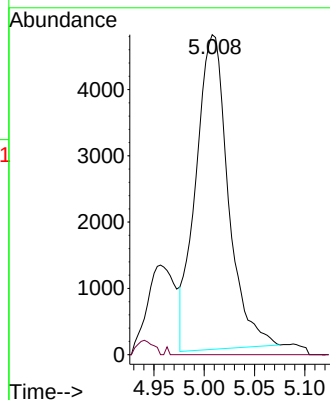
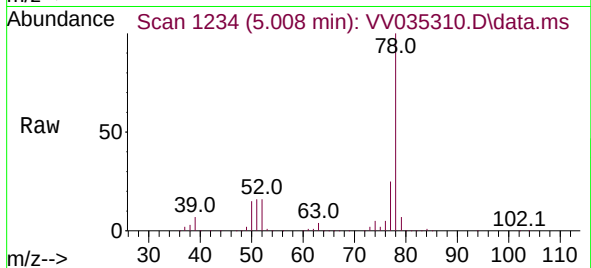
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#27
1,2-Dichloroethane
Concen: 2.231 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.029 min
Lab File: VV035310.D
Acq: 19 Apr 2024 16:04

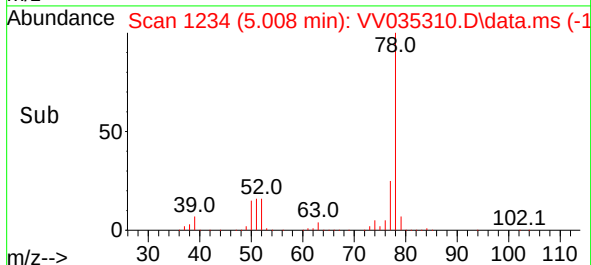
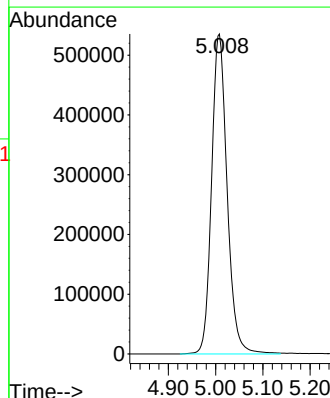
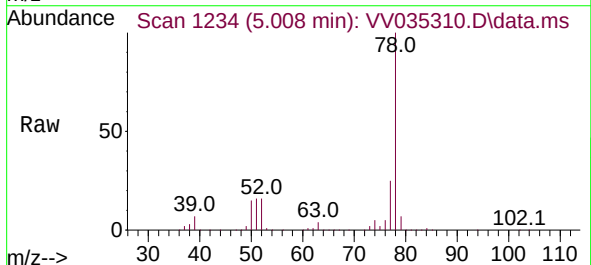
Instrument :
MSVOA_V
ClientSampleId :

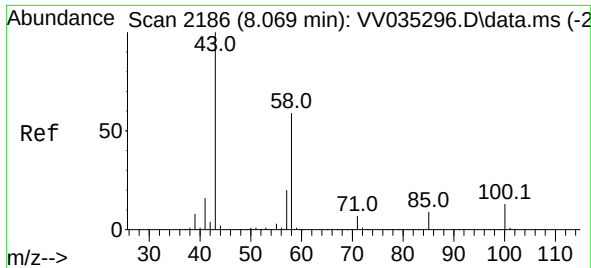
Tgt Ion: 62 Resp: 10648
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#



#33
Benzene
Concen: 92.335 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035310.D
Acq: 19 Apr 2024 16:04

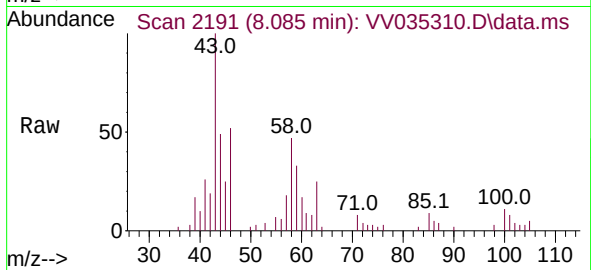
Tgt Ion: 78 Resp: 1223185





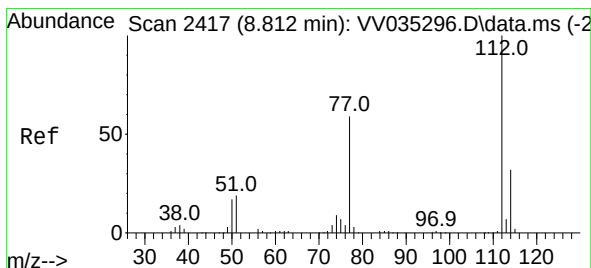
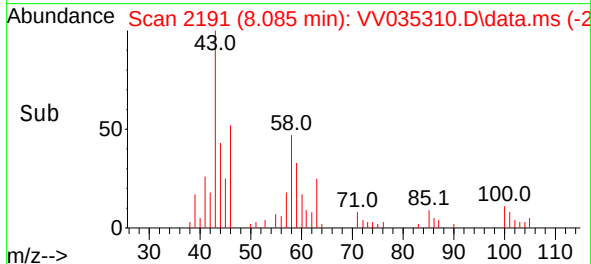
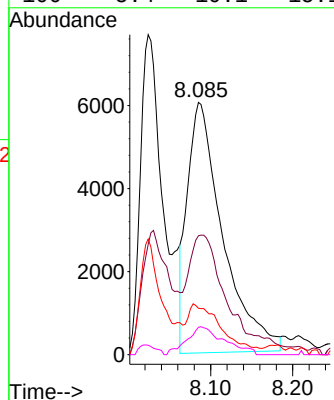
#48
2-Hexanone
Concen: 4.560 ug/L
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV035310.D
Acq: 19 Apr 2024 16:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 18129

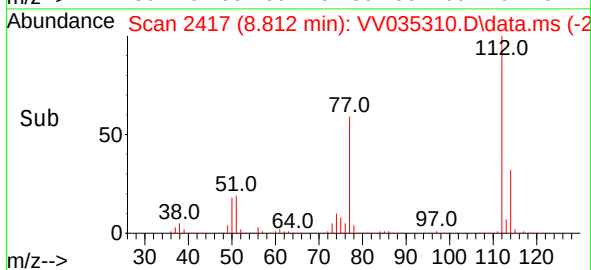
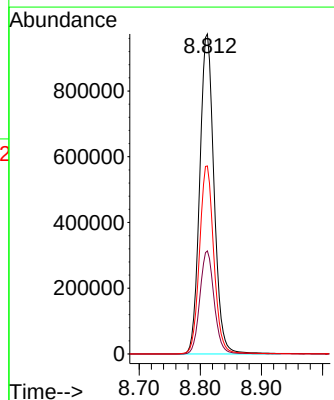
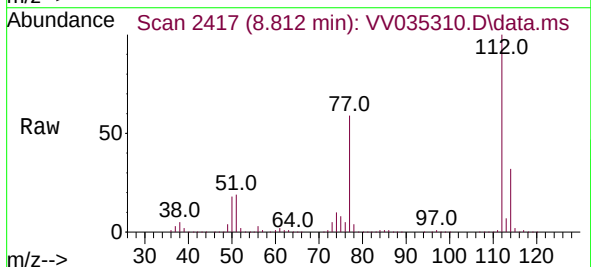
Ion	Ratio	Lower	Upper
43	100		
58	28.3	45.4	68.2#
57	2.5	16.2	24.4#
100	5.4	10.1	15.1#

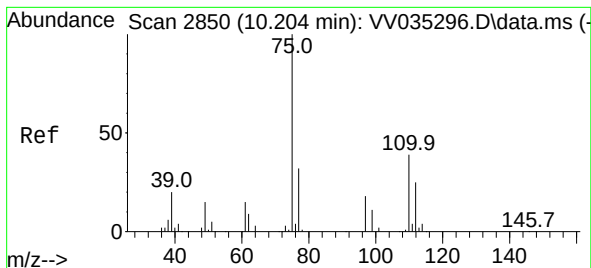


#51
Chlorobenzene
Concen: 175.983 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035310.D
Acq: 19 Apr 2024 16:04

Tgt Ion: 112 Resp: 1581864

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	41.0
77	58.8	47.4	71.2





#61

1,2,3-Trichloropropane

Concen: 2.488 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.916 min

Lab File: VV035310.D

Acq: 19 Apr 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

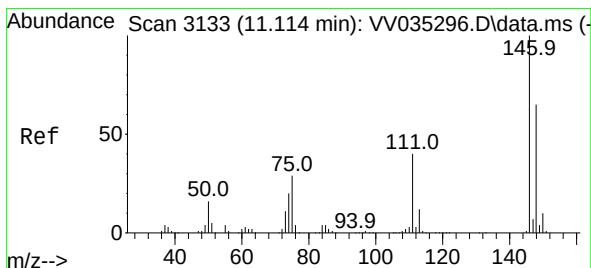
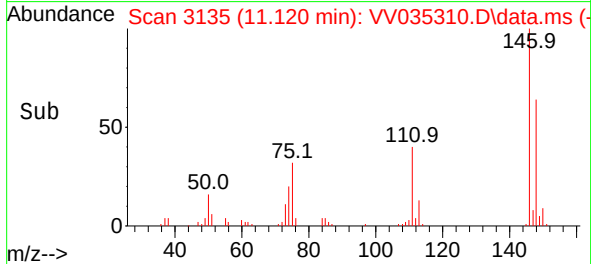
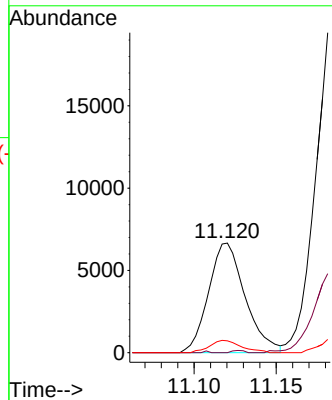
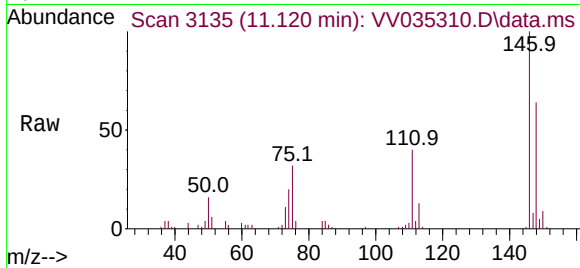
Tgt Ion: 75 Resp: 10344

Ion Ratio Lower Upper

75 100

77 0.7 26.0 39.0#

110 9.7 30.5 45.7#



#64

1,3-Dichlorobenzene

Concen: 5.389 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035310.D

Acq: 19 Apr 2024 16:04

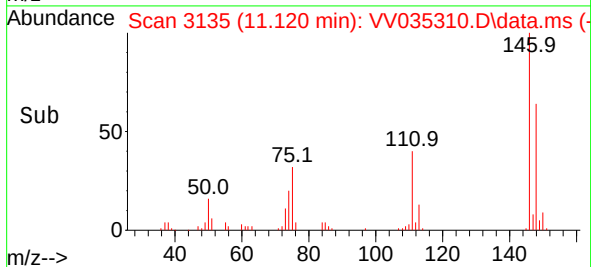
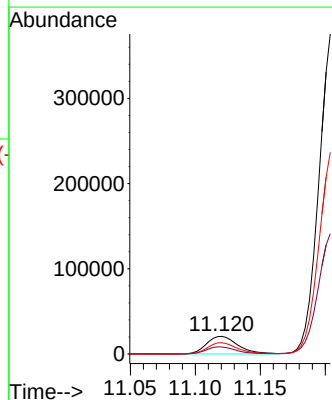
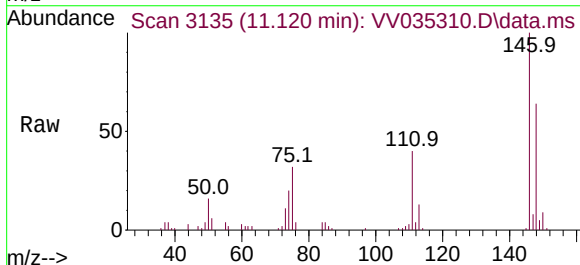
Tgt Ion:146 Resp: 34842

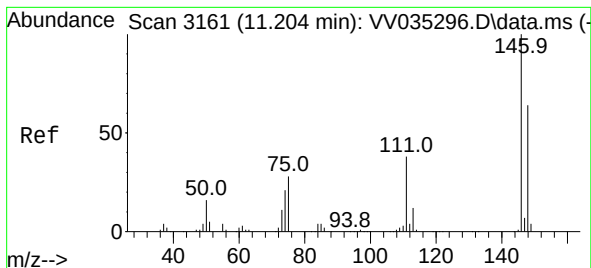
Ion Ratio Lower Upper

146 100

111 40.0 28.7 53.3

148 64.1 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 89.828 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035310.D

Acq: 19 Apr 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

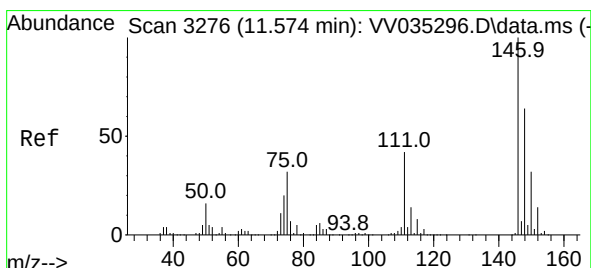
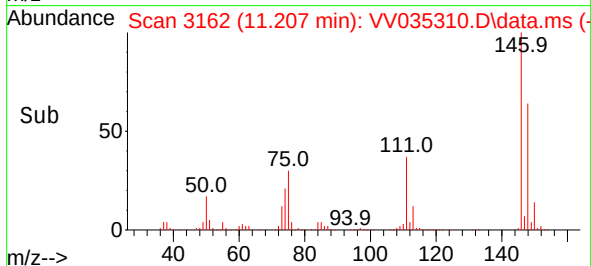
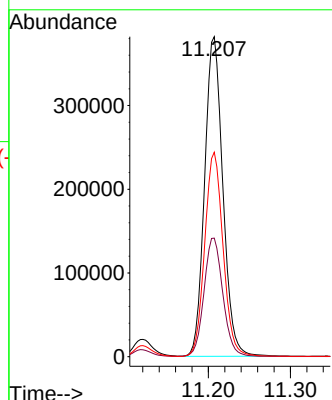
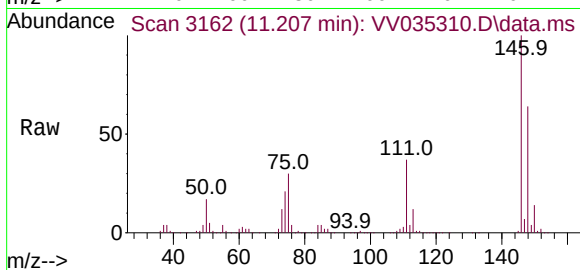
Tgt Ion:146 Resp: 590579

Ion Ratio Lower Upper

146 100

111 37.0 27.4 50.8

148 63.9 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 81.163 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035310.D

Acq: 19 Apr 2024 16:04

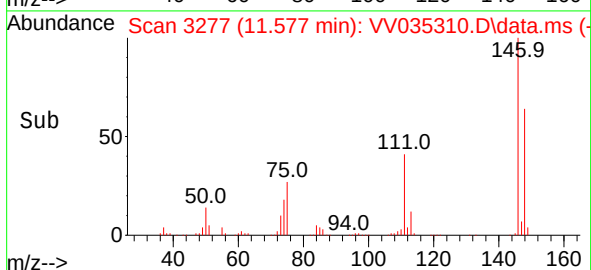
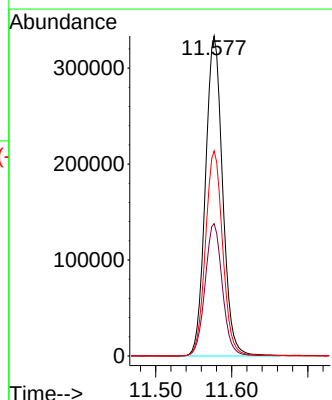
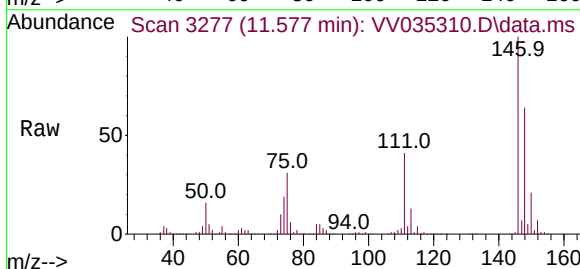
Tgt Ion:146 Resp: 522726

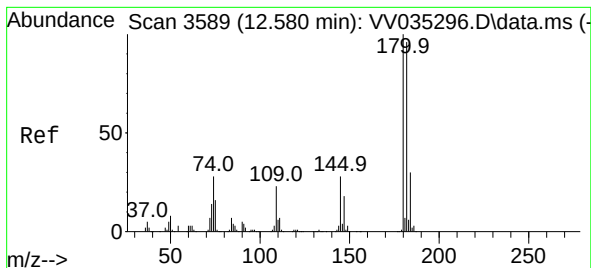
Ion Ratio Lower Upper

146 100

111 41.4 34.6 52.0

148 64.1 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 8.983 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035310.D

Acq: 19 Apr 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 41856

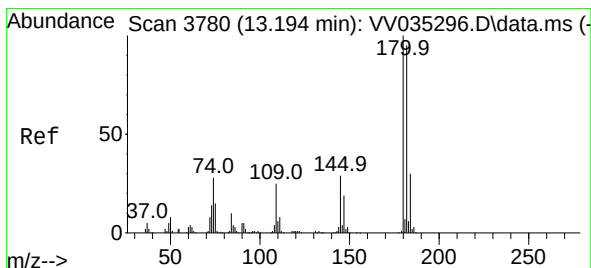
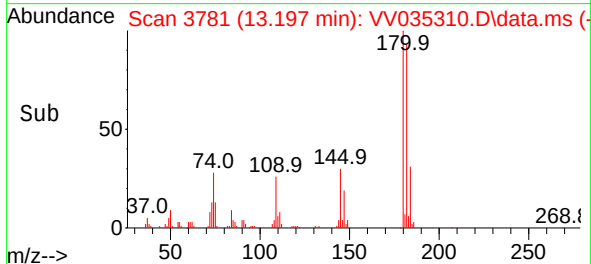
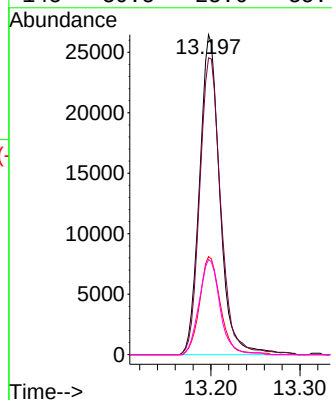
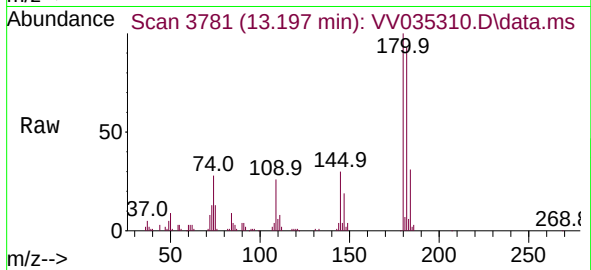
Ion Ratio Lower Upper

180 100

182 95.3 74.7 112.1

184 31.3 24.0 36.0

145 30.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 9.779 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035310.D

Acq: 19 Apr 2024 16:04

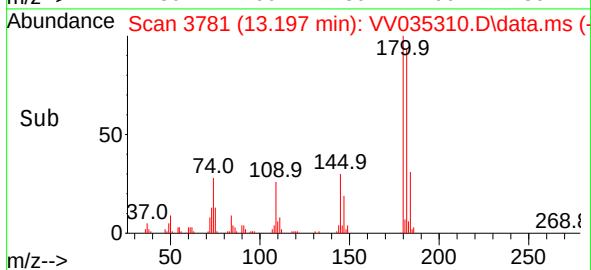
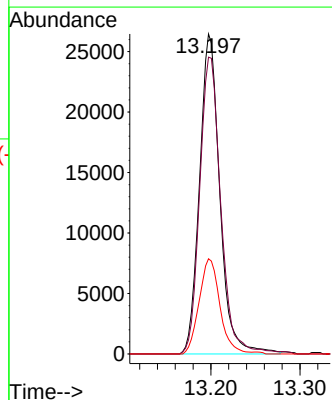
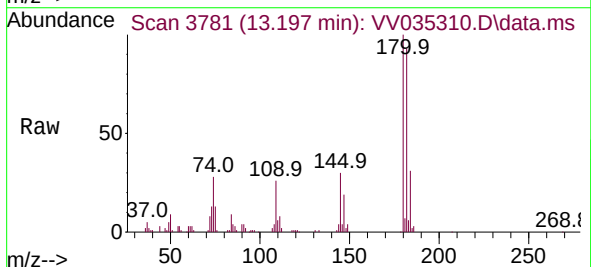
Tgt Ion:180 Resp: 41856

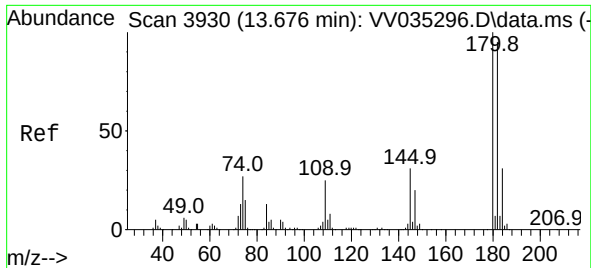
Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

145 30.5 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 1.137 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

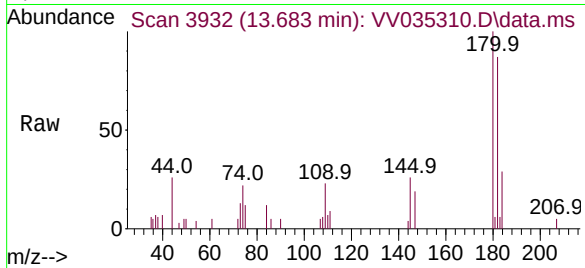
Lab File: VV035310.D

Acq: 19 Apr 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4797

Ion Ratio Lower Upper

180 100

182 92.5 76.2 114.2

145 28.7 25.8 38.6

