

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035031.D
 Acq On : 06 Apr 2024 02:15
 Operator : SY/MD
 Sample : P2009-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LZ5

Quant Time: Apr 06 03:21:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

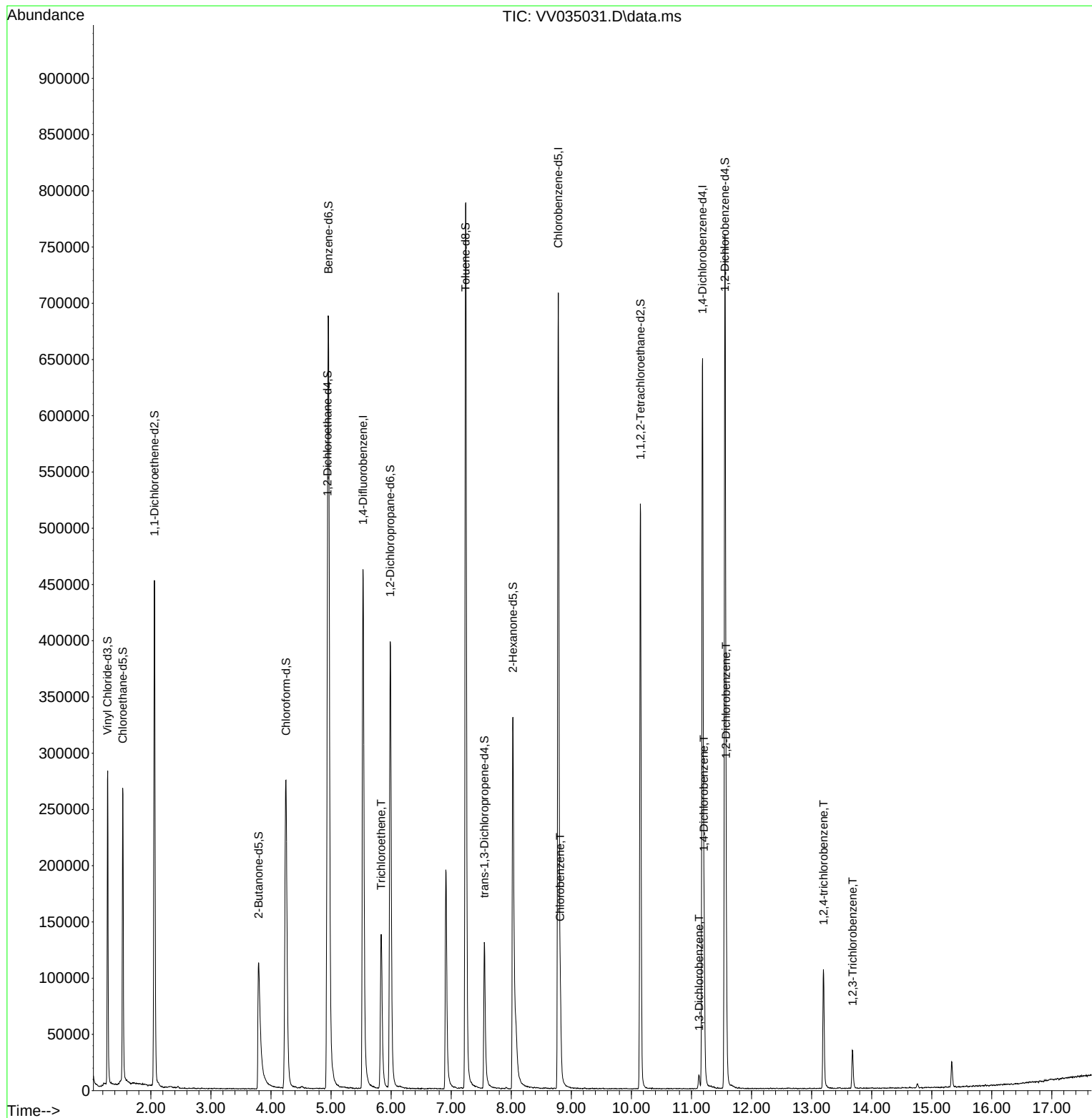
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	404732	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	378447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	164052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	180218	46.107	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.220%
7) Chloroethane-d5	1.532	69	162709	47.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.860%
11) 1,1-Dichloroethene-d2	2.060	65	77449	45.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.400%
21) 2-Butanone-d5	3.793	46	198229	85.511	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.510%
24) Chloroform-d	4.249	84	300002	45.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
26) 1,2-Dichloroethane-d4	4.941	65	196289	47.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
32) Benzene-d6	4.957	84	623522	49.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.100%
36) 1,2-Dichloropropane-d6	5.986	67	201194	49.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	7.239	98	537539	46.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
43) trans-1,3-Dichloroprop...	7.551	79	81162	41.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.720%
47) 2-Hexanone-d5	8.027	63	111593	73.117	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.120%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	255186	45.906	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.820%
66) 1,2-Dichlorobenzene-d4	11.558	152	186659	50.677	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.360%
Target Compounds						
					Qvalue	
34) Trichloroethene	5.834	95	50057	15.030	ug/L	97
51) Chlorobenzene	8.815	112	47033	5.617	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	5907	1.069	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	57225	10.182	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	41479	7.534	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	32582	8.905	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	10574	2.932	ug/L	96

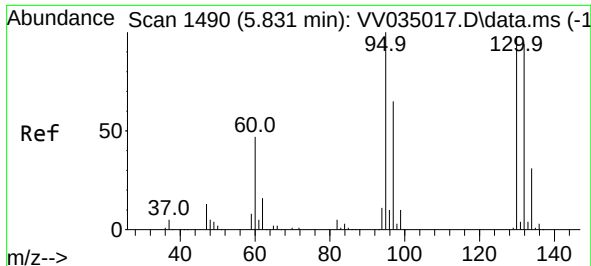
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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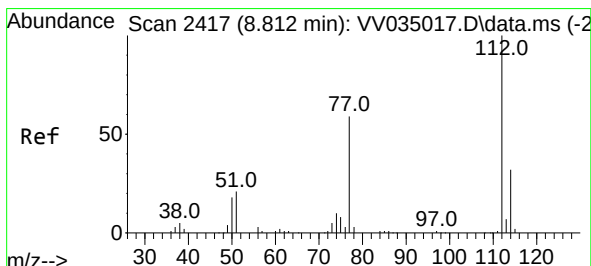
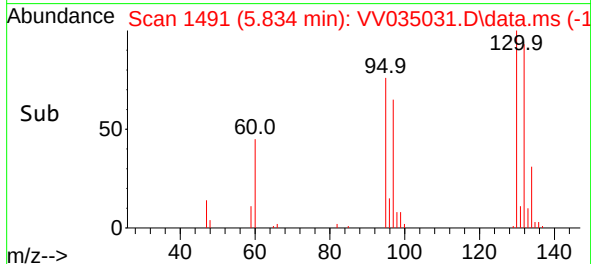
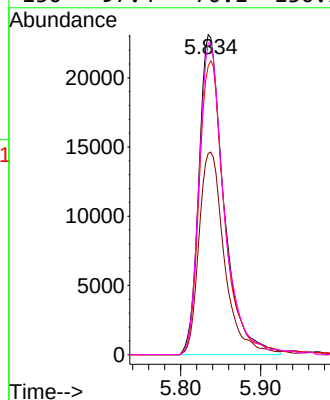
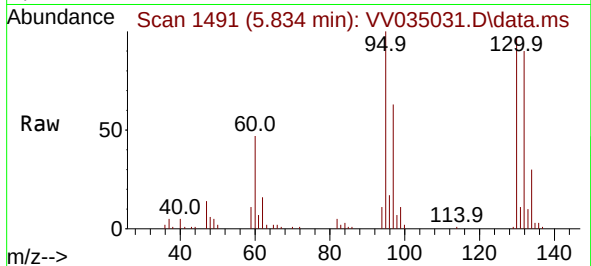




#34
Trichloroethene
Concen: 15.030 ug/L
RT: 5.834 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV035031.D
Acq: 06 Apr 2024 02:15

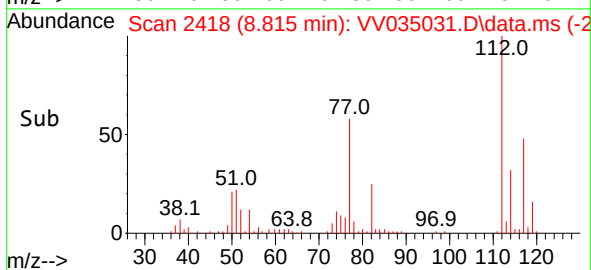
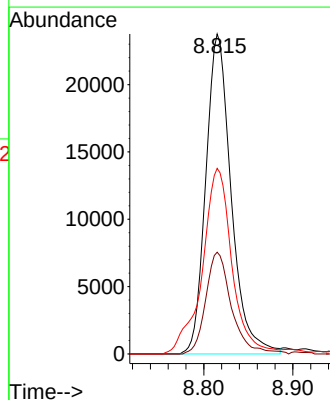
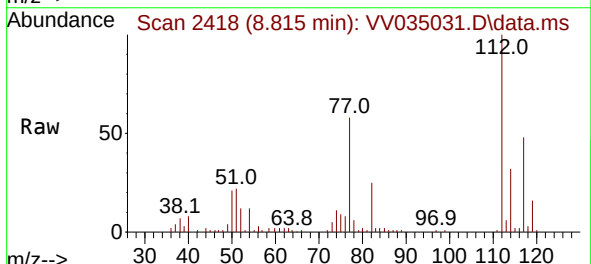
Instrument :
MSVOA_V
ClientSampleId :
E0LZ5

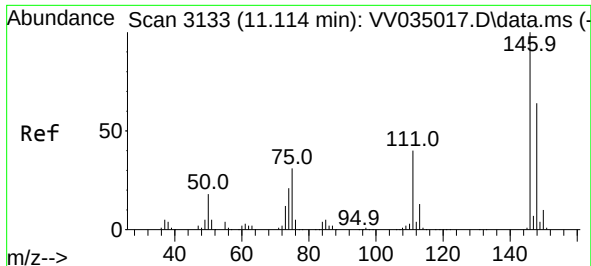
Tgt Ion: 95 Resp: 50057
Ion Ratio Lower Upper
95 100
97 62.9 45.3 84.1
132 90.1 65.3 121.3
130 97.4 70.1 130.3



#51
Chlorobenzene
Concen: 5.617 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035031.D
Acq: 06 Apr 2024 02:15

Tgt Ion: 112 Resp: 47033
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 58.0 47.4 71.2

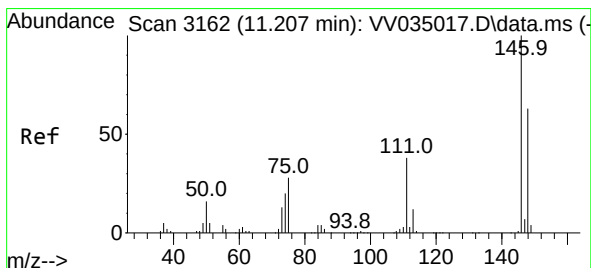
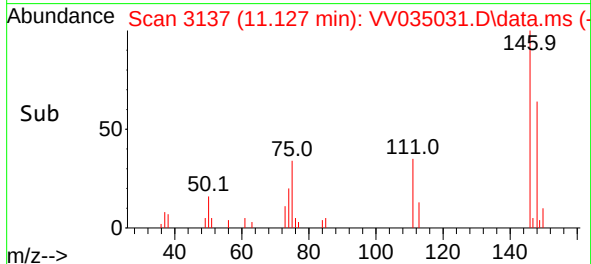
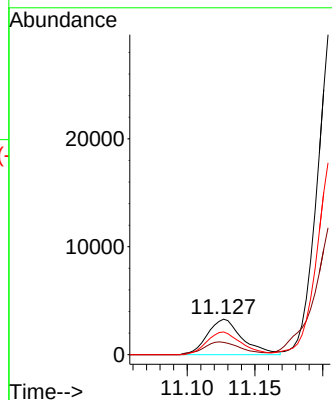
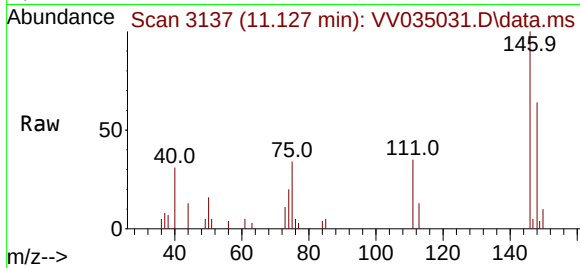




#64
1,3-Dichlorobenzene
Concen: 1.069 ug/L
RT: 11.127 min Scan# 3133
Delta R.T. 0.013 min
Lab File: VV035031.D
Acq: 06 Apr 2024 02:15

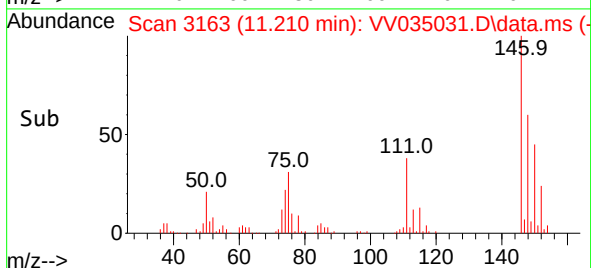
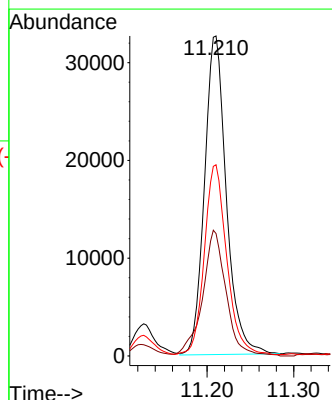
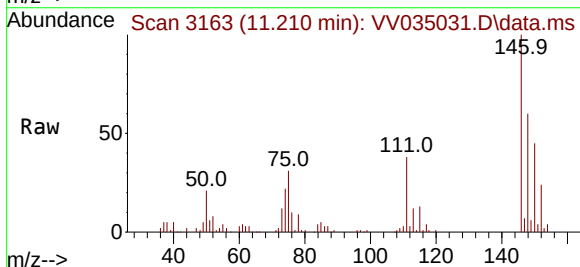
Instrument :
MSVOA_V
ClientSampleId :
E0LZ5

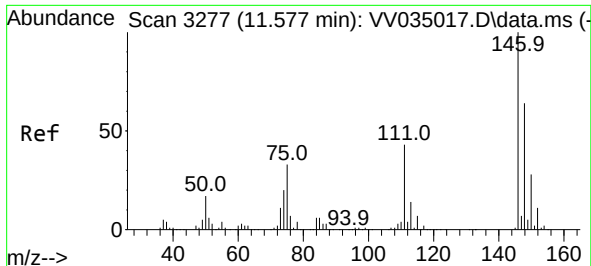
Tgt Ion:146 Resp: 5907
Ion Ratio Lower Upper
146 100
111 34.7 28.7 53.3
148 64.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 10.182 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV035031.D
Acq: 06 Apr 2024 02:15

Tgt Ion:146 Resp: 57225
Ion Ratio Lower Upper
146 100
111 38.3 27.4 50.8
148 59.7 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 7.534 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

Instrument :

MSVOA_V

ClientSampleId :

E0LZ5

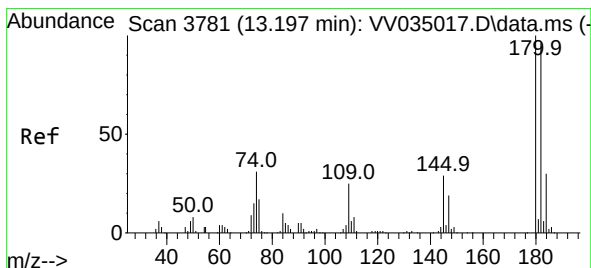
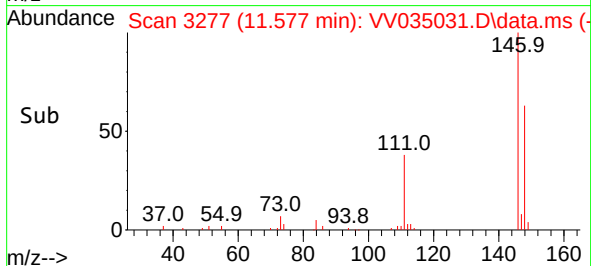
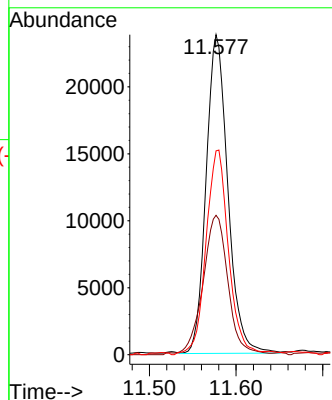
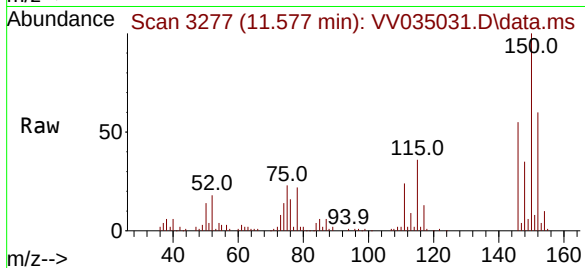
Tgt Ion:146 Resp: 41479

Ion Ratio Lower Upper

146 100

111 43.5 34.6 52.0

148 63.7 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 8.905 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

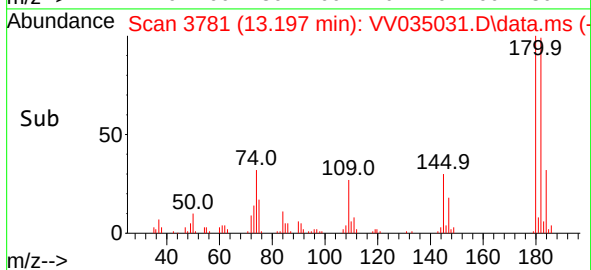
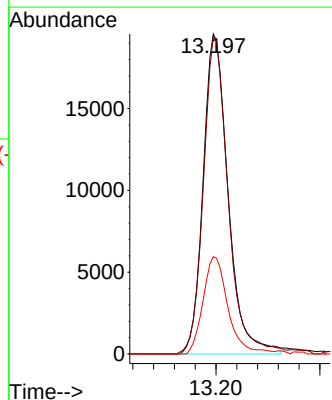
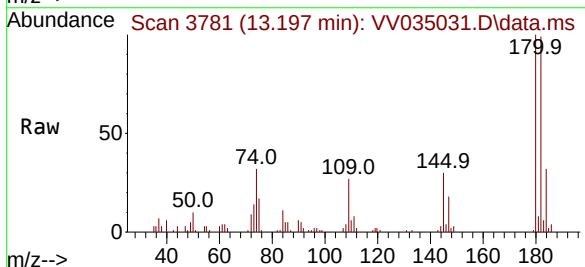
Tgt Ion:180 Resp: 32582

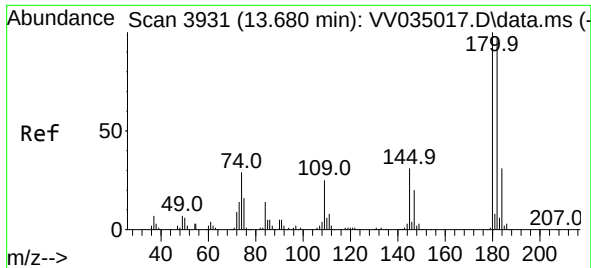
Ion Ratio Lower Upper

180 100

182 97.3 75.6 113.4

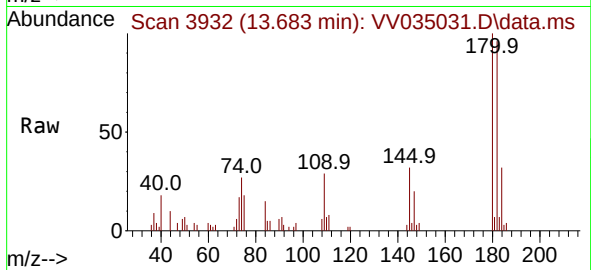
145 30.3 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.932 ug/L
 RT: 13.683 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV035031.D
 Acq: 06 Apr 2024 02:15

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LZ5



Tgt Ion:	180	Resp:	10574
Ion	Ratio	Lower	Upper
180	100		
182	100.5	76.2	114.2
145	32.1	25.8	38.6

