

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
 Data File : VV035425.D
 Acq On : 26 Apr 2024 14:28
 Operator : SY/MD
 Sample : P2269-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0RP7

Quant Time: Apr 27 00:34:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:18:54 2024
 Response via : Initial Calibration

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

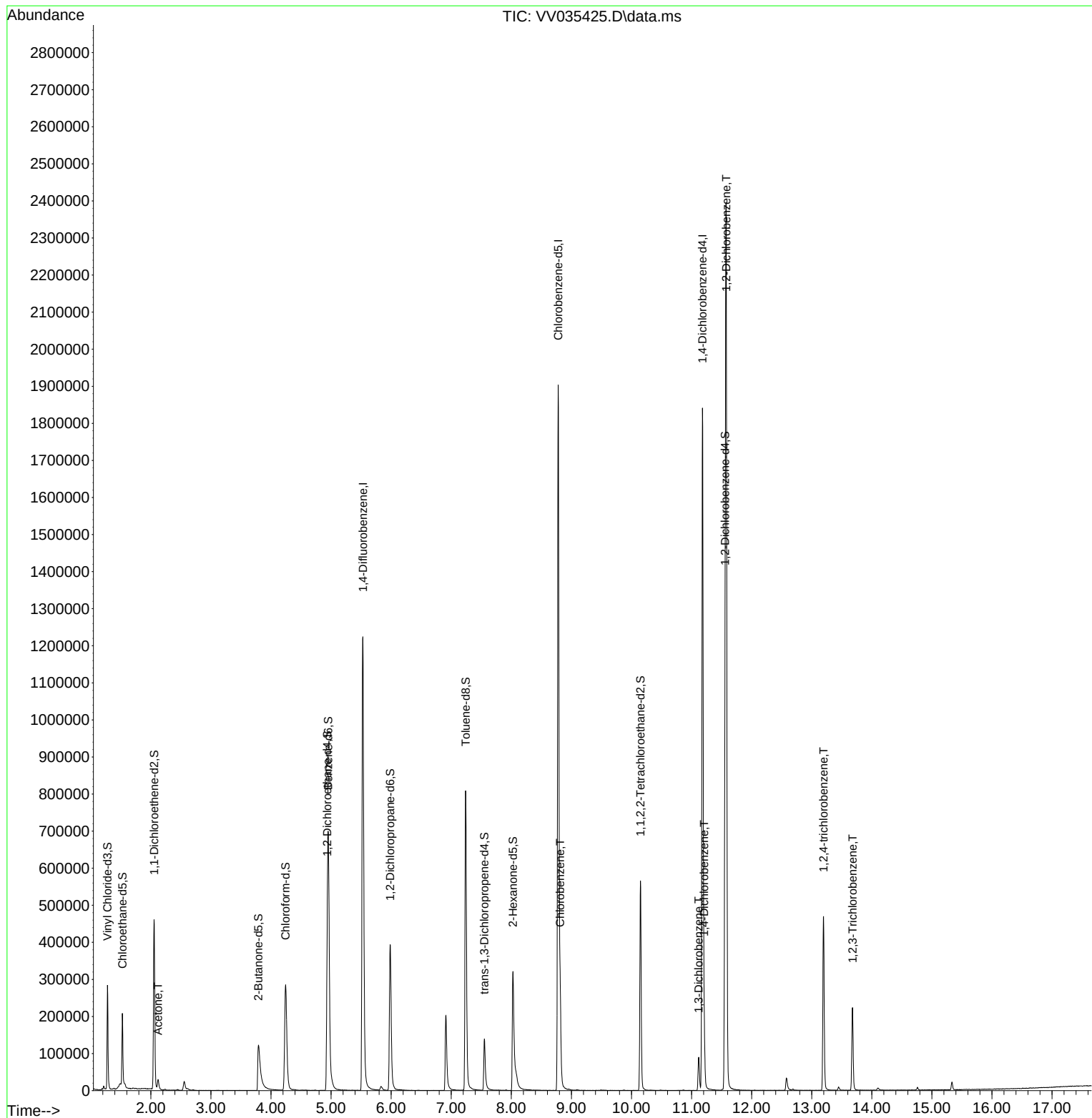
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	1093756	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	1038374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	480304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	189350	21.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	43.080%#
7) Chloroethane-d5	1.526	69	112600	22.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.720%#
11) 1,1-Dichloroethene-d2	2.053	65	77026	21.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.880%#
21) 2-Butanone-d5	3.789	46	202792	45.015	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	45.010%
24) Chloroform-d	4.243	84	320995	21.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	43.400%#
26) 1,2-Dichloroethane-d4	4.937	65	196952	22.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.720%#
32) Benzene-d6	4.953	84	654991	24.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.000%#
36) 1,2-Dichloropropane-d6	5.986	67	205348	24.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	48.780%#
41) Toluene-d8	7.239	98	564401	22.948	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	45.900%#
43) trans-1,3-Dichloroprop...	7.551	79	87497	22.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.440%#
47) 2-Hexanone-d5	8.027	63	117155	48.269	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	48.270%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	276748	23.063	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	46.120%#
66) 1,2-Dichlorobenzene-d4	11.558	152	224034	26.660	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	53.320%#
Target Compounds						
					Qvalue	
13) Acetone	2.121	43	27612	5.158	ug/L	96
51) Chlorobenzene	8.812	112	160751	7.829	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	39097	2.739	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	73660	4.920	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	895795	61.938	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	149955	18.677	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	71238	9.106	ug/L	99

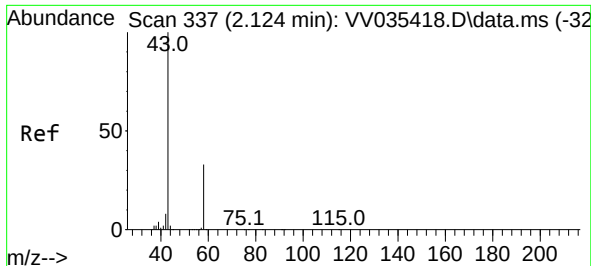
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:18:54 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.158 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

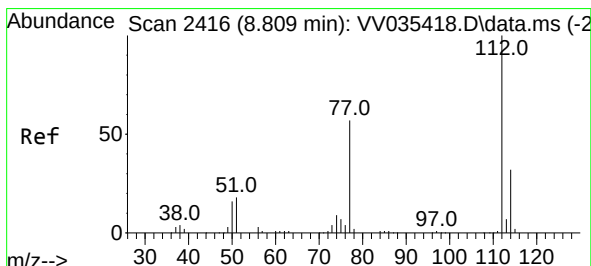
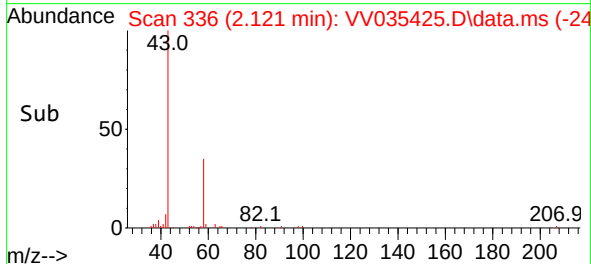
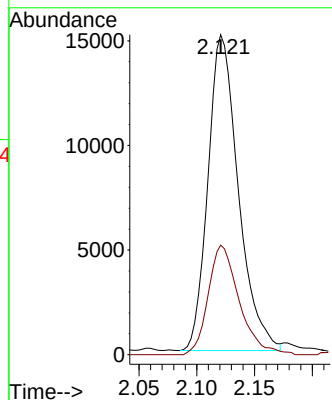
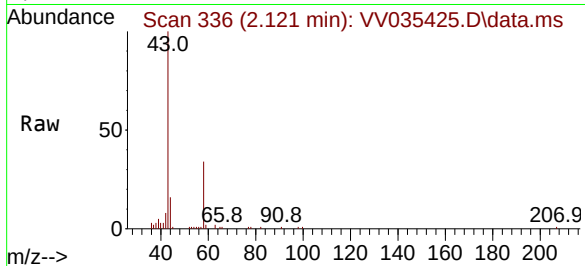
C0RP7

Tgt Ion: 43 Resp: 27612

Ion Ratio Lower Upper

43 100

58 35.4 0.0 65.8



#51

Chlorobenzene

Concen: 7.829 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

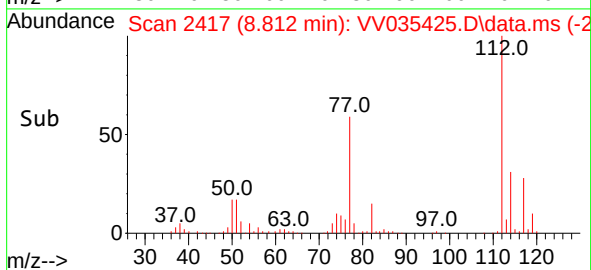
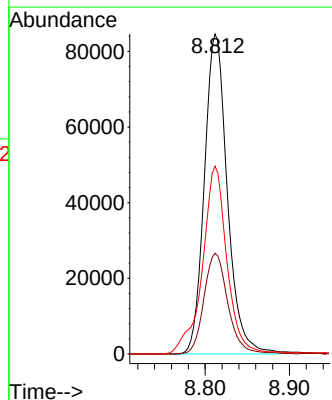
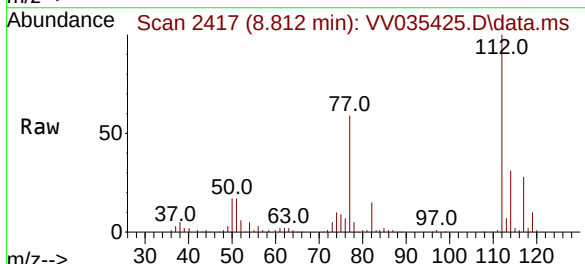
Tgt Ion: 112 Resp: 160751

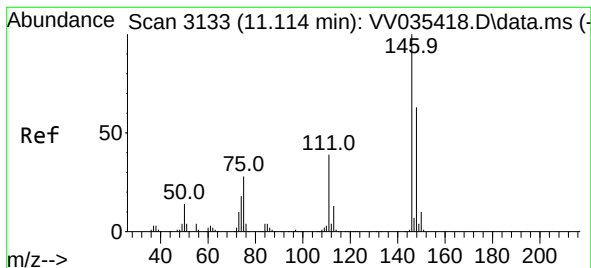
Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 58.7 45.6 68.4





#64

1,3-Dichlorobenzene

Concen: 2.739 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.007 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

C0RP7

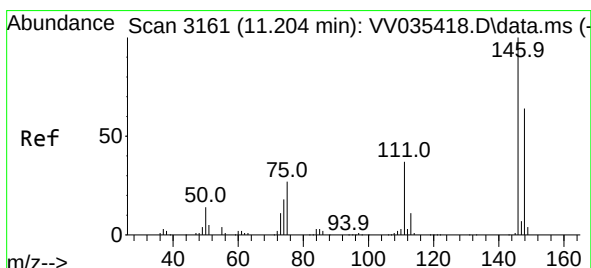
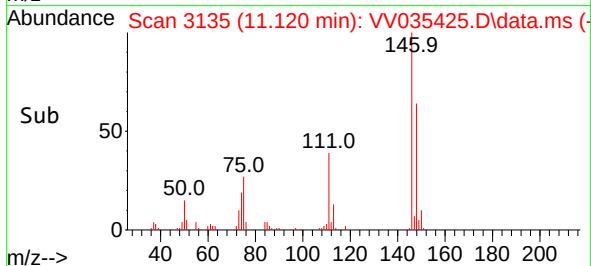
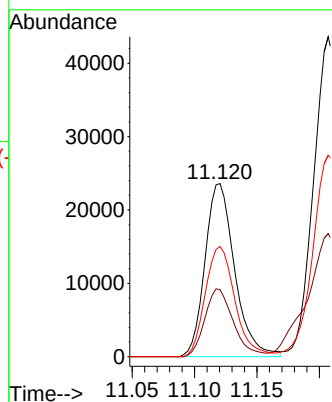
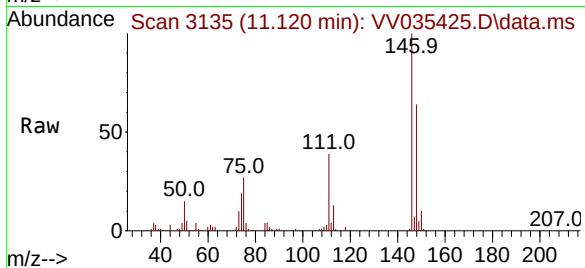
Tgt Ion:146 Resp: 39097

Ion Ratio Lower Upper

146 100

111 38.7 27.0 50.2

148 63.7 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.920 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

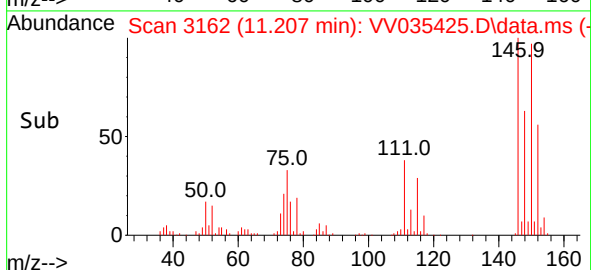
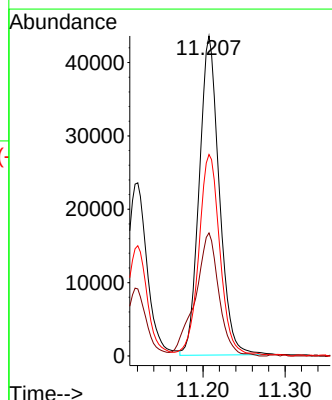
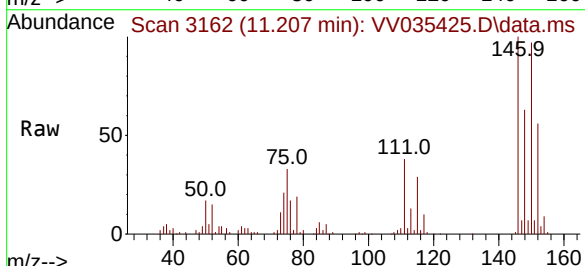
Tgt Ion:146 Resp: 73660

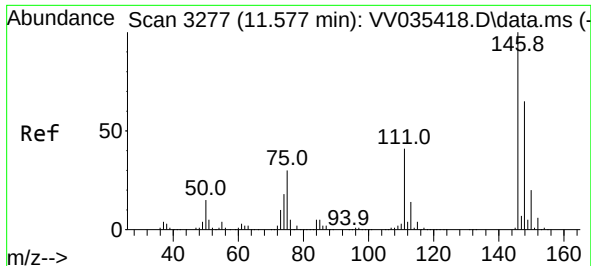
Ion Ratio Lower Upper

146 100

111 38.5 26.5 49.1

148 63.0 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 61.938 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

CORP7

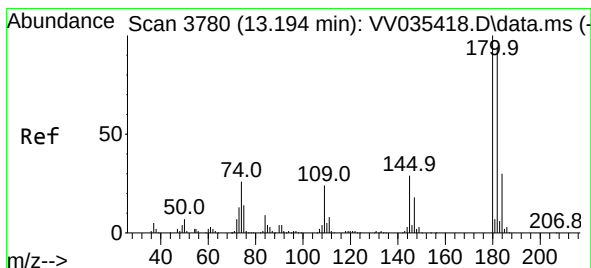
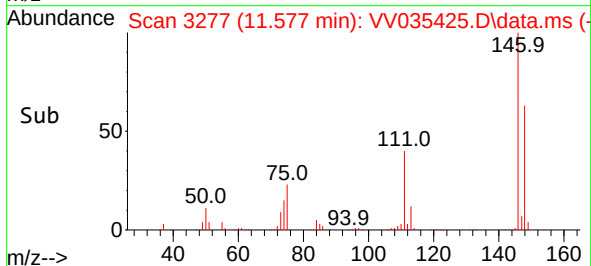
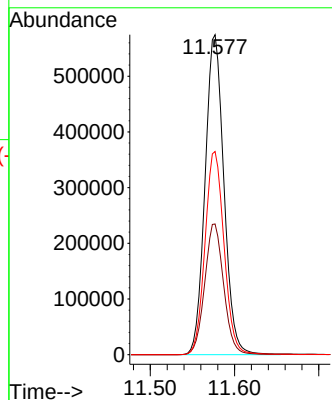
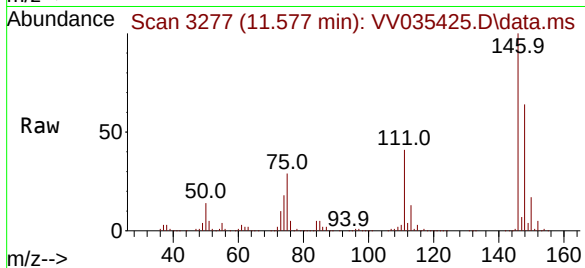
Tgt Ion:146 Resp: 895795

Ion Ratio Lower Upper

146 100

111 40.9 33.3 49.9

148 63.5 52.2 78.2



#70

1,2,4-trichlorobenzene

Concen: 18.677 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035425.D

Acq: 26 Apr 2024 14:28

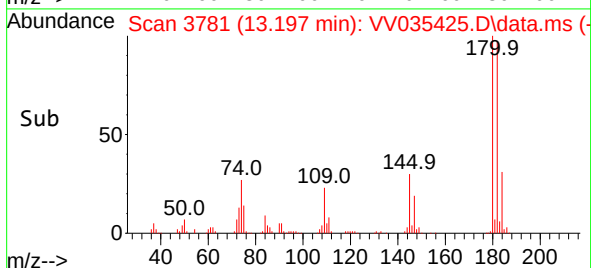
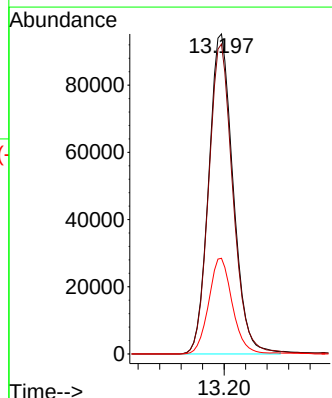
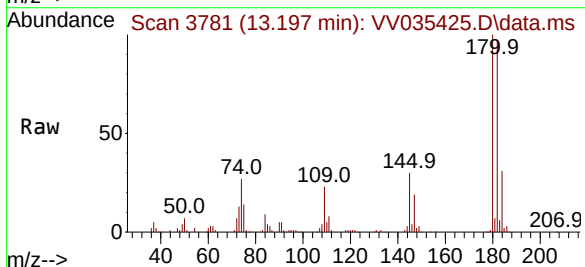
Tgt Ion:180 Resp: 149955

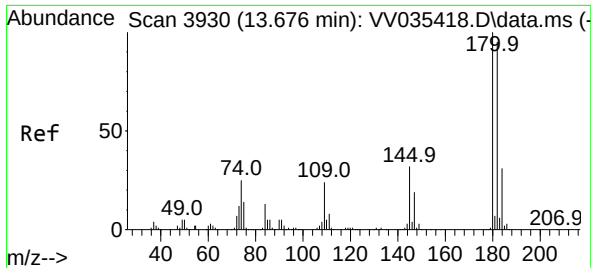
Ion Ratio Lower Upper

180 100

182 96.2 75.1 112.7

145 28.9 23.2 34.8





#72
 1,2,3-Trichlorobenzene
 Concen: 9.106 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV035425.D
 Acq: 26 Apr 2024 14:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0RP7

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.6	115.0
145	31.7	24.7	37.1

