

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035217.D
 Acq On : 20 Apr 2023 15:49
 Operator : JC/MD
 Sample : 02378-15DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8DL

Quant Time: Apr 20 23:30:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

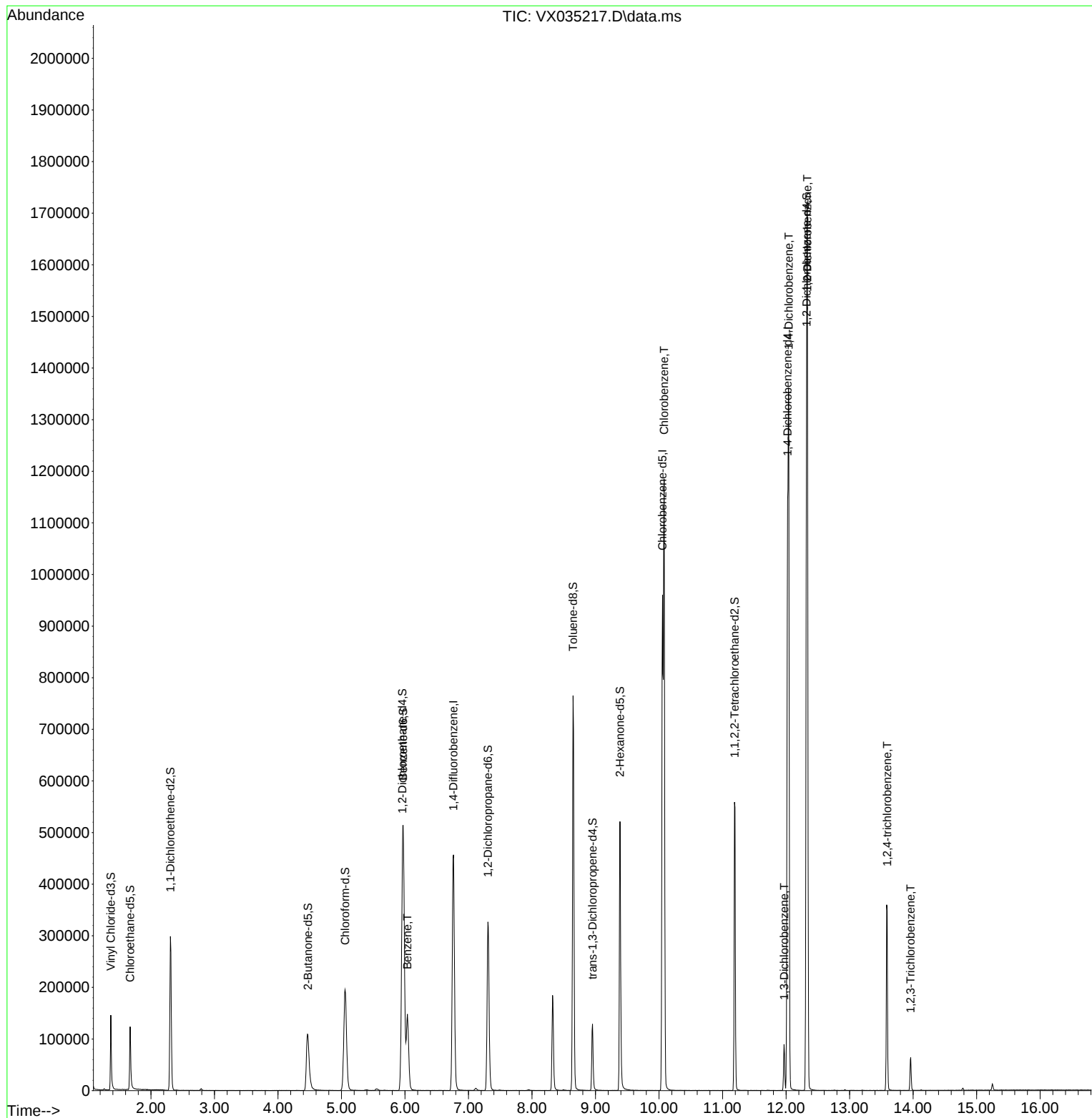
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	480480	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	417448	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	203756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	98347	31.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.480%
7) Chloroethane-d5	1.672	69	83863	37.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.920%
11) 1,1-Dichloroethene-d2	2.307	65	52777	35.602	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.200%
21) 2-Butanone-d5	4.471	46	217361	105.280	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.280%
24) Chloroform-d	5.056	84	250702	42.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.940%
26) 1,2-Dichloroethane-d4	5.958	65	173058	46.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
32) Benzene-d6	5.971	84	520600	43.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.820%
36) 1,2-Dichloropropane-d6	7.306	67	166185	45.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.740%
41) Toluene-d8	8.647	98	452142	41.256	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.520%
43) trans-1,3-Dichloroprop...	8.952	79	61601	38.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.960%
47) 2-Hexanone-d5	9.385	63	150859	102.557	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	222618	49.625	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.240%
66) 1,2-Dichlorobenzene-d4	12.323	152	181006	45.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.680%
Target Compounds						
					Qvalue	
33) Benzene	6.038	78	179772	14.220	ug/L	100
51) Chlorobenzene	10.080	112	503784	58.301	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	28493	4.509	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	423626	65.517	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	487698	76.119	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	89130	24.367	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	15691	4.345	ug/L	99

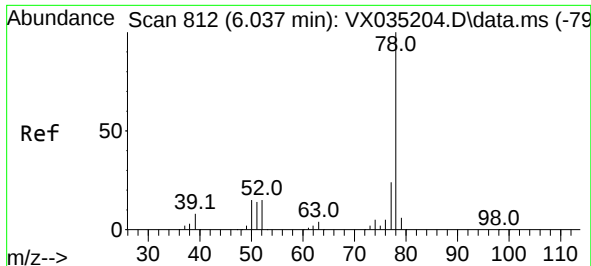
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 23:30:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
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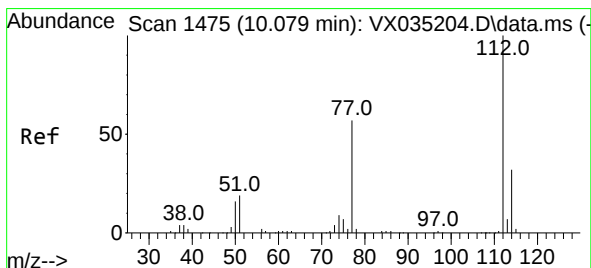
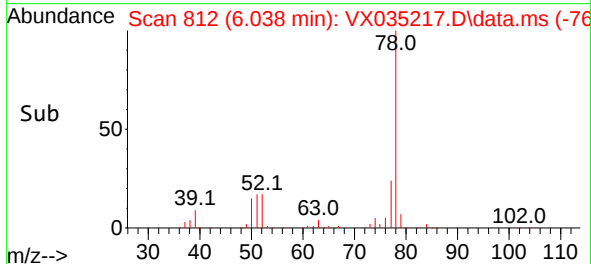
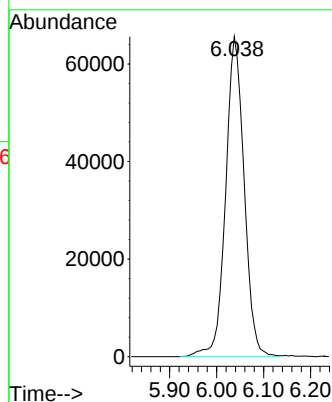
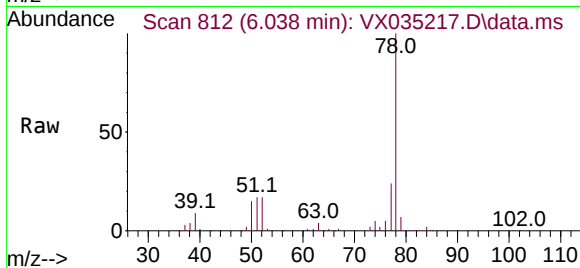




#33
Benzene
Concen: 14.220 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035217.D
Acq: 20 Apr 2023 15:49

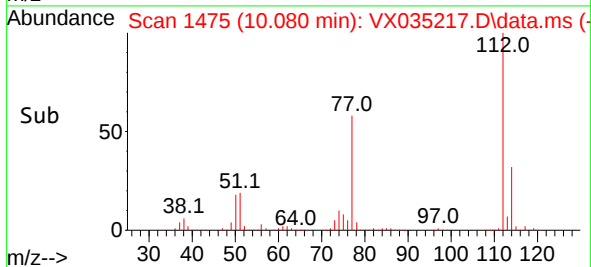
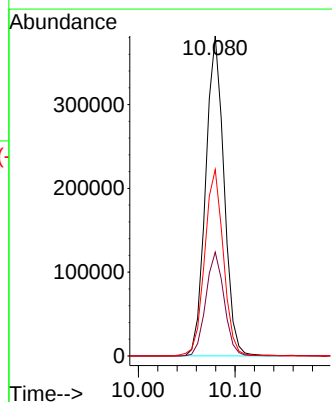
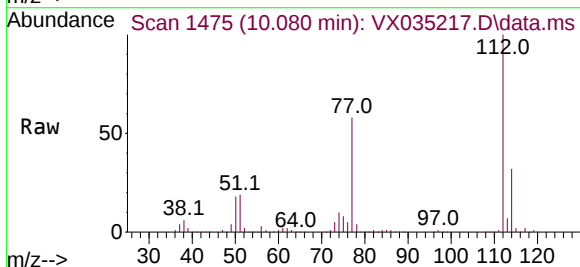
Instrument :
MSVOA_X
ClientSampleId :
COMK8DL

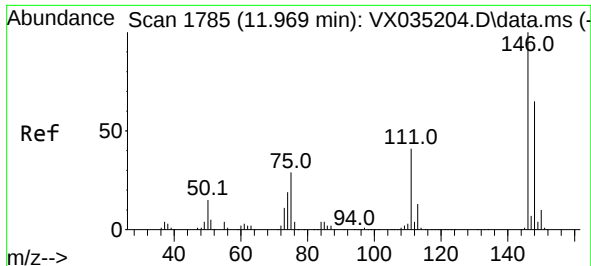
Tgt Ion: 78 Resp: 179772



#51
Chlorobenzene
Concen: 58.301 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035217.D
Acq: 20 Apr 2023 15:49

Tgt Ion:112 Resp: 503784
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 58.3 47.0 70.6

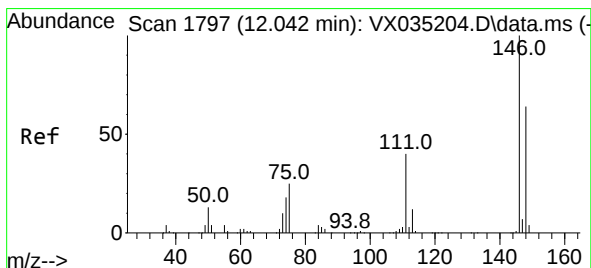
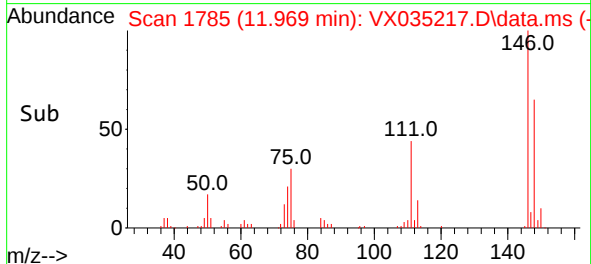
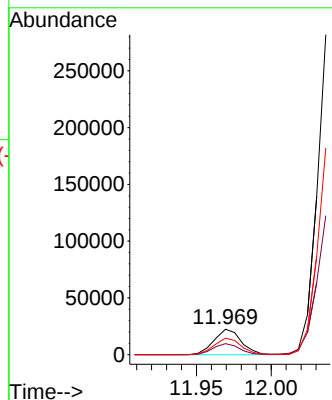
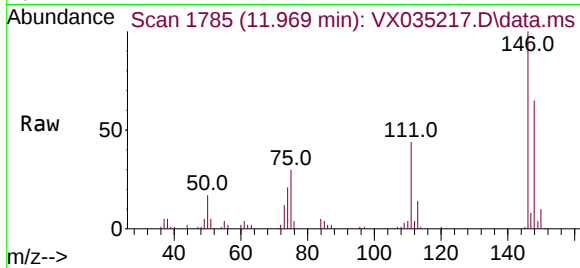




#64
1,3-Dichlorobenzene
Concen: 4.509 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035217.D
Acq: 20 Apr 2023 15:49

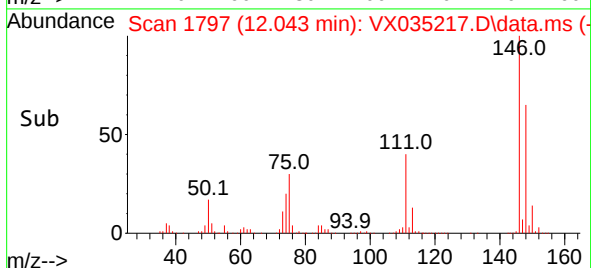
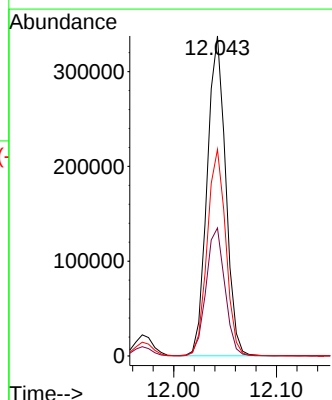
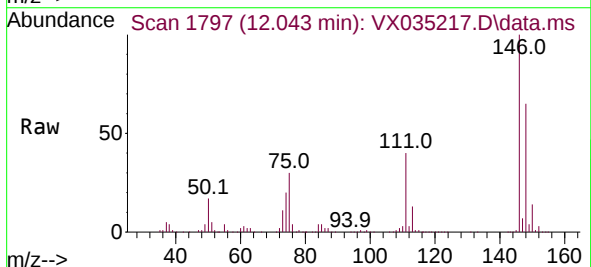
Instrument :
MSVOA_X
ClientSampleId :
COMK8DL

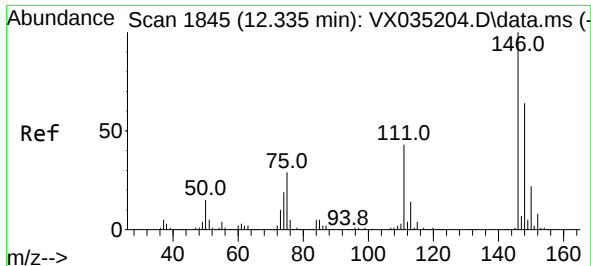
Tgt Ion:146 Resp: 28493
Ion Ratio Lower Upper
146 100
111 43.6 28.9 53.7
148 65.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 65.517 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035217.D
Acq: 20 Apr 2023 15:49

Tgt Ion:146 Resp: 423626
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.7
148 64.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 76.119 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035217.D

Acq: 20 Apr 2023 15:49

Instrument :

MSVOA_X

ClientSampleId :

COMK8DL

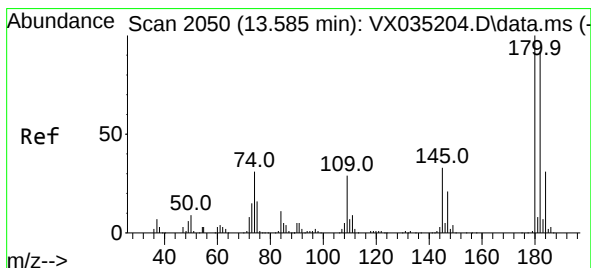
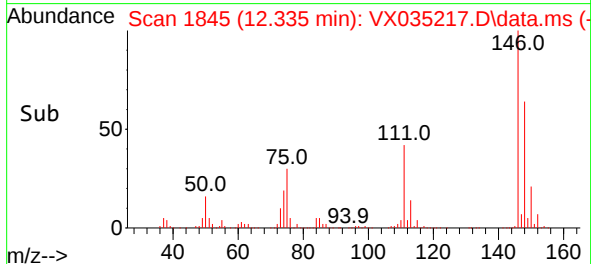
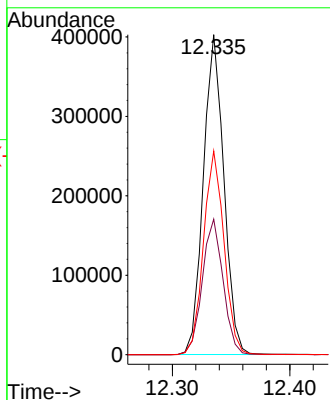
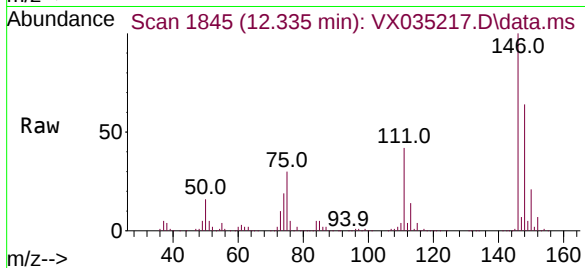
Tgt Ion:146 Resp: 487698

Ion Ratio Lower Upper

146 100

111 42.4 34.7 52.1

148 63.7 52.1 78.1



#70

1,2,4-trichlorobenzene

Concen: 24.367 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035217.D

Acq: 20 Apr 2023 15:49

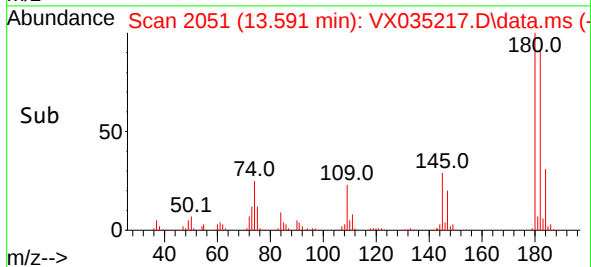
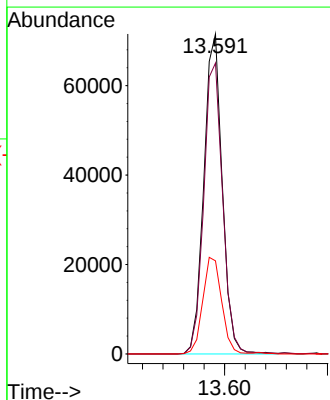
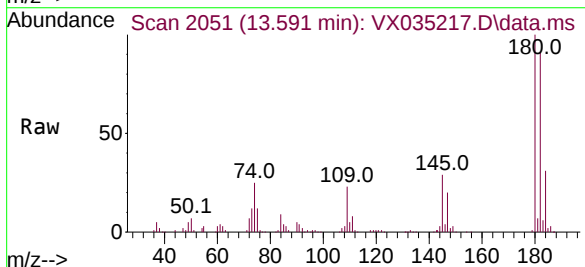
Tgt Ion:180 Resp: 89130

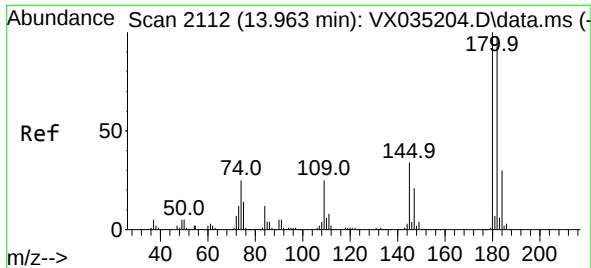
Ion Ratio Lower Upper

180 100

182 93.3 76.6 114.8

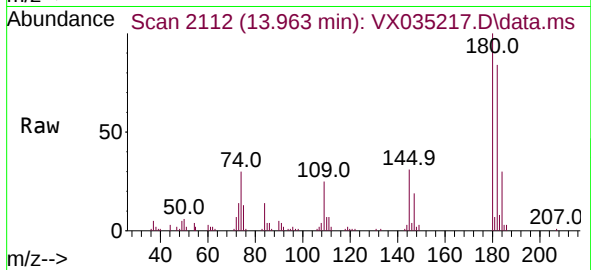
145 31.0 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 4.345 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035217.D
 Acq: 20 Apr 2023 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8DL



Tgt Ion:180 Resp: 15691
 Ion Ratio Lower Upper
 180 100
 182 92.8 75.0 112.6
 145 35.2 27.1 40.7

