

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039379.D
 Acq On : 19 Dec 2023 23:55
 Operator : JC/MD
 Sample : 05835-18DL 500X
 Misc : 3.34g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR8DL

Quant Time: Dec 20 02:22:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

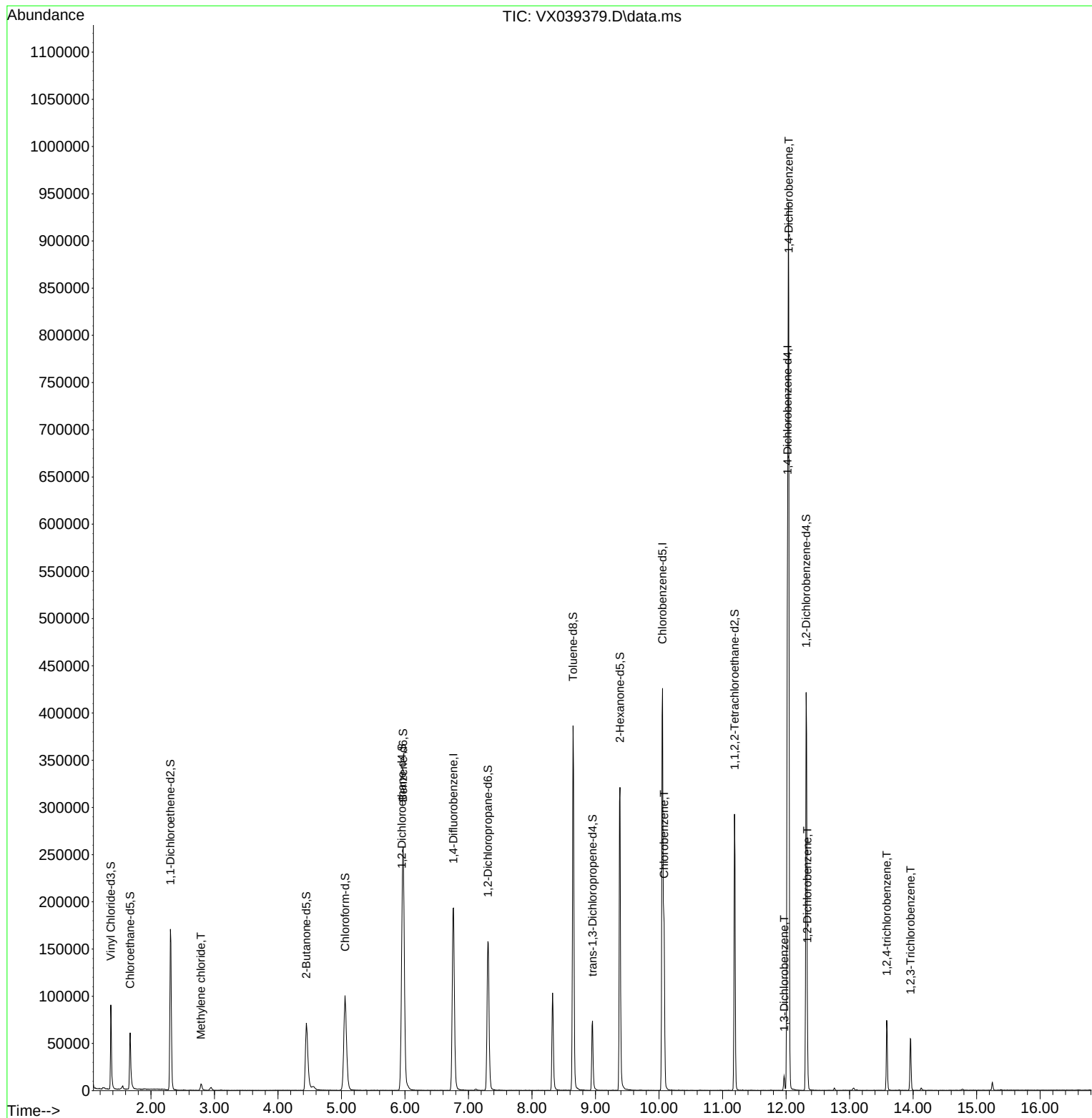
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	188806	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	61193	41.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.640%		
7) Chloroethane-d5	1.672	69	46881	42.830	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.660%		
11) 1,1-Dichloroethene-d2	2.306	65	30662	47.168	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.340%		
21) 2-Butanone-d5	4.446	46	124730	93.047	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.050%		
24) Chloroform-d	5.056	84	118173	45.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.160%		
26) 1,2-Dichloroethane-d4	5.952	65	85866	50.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.160%		
32) Benzene-d6	5.970	84	248318	45.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.740%		
36) 1,2-Dichloropropane-d6	7.305	67	81519	46.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.560%		
41) Toluene-d8	8.647	98	218987	44.151	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.300%		
43) trans-1,3-Dichloroprop...	8.951	79	33503	37.378	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.760%		
47) 2-Hexanone-d5	9.384	63	89755	85.318	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.320%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	110813	44.349	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.700%		
66) 1,2-Dichlorobenzene-d4	12.317	152	75958	46.266	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.540%		
Target Compounds						Qvalue
16) Methylene chloride	2.788	84	3001	2.147	ug/L	97
51) Chlorobenzene	10.079	112	70434	19.080	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	4236	1.559	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	247904	90.056	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	12969	4.991	ug/L	94
70) 1,2,4-trichlorobenzene	13.585	180	14306	8.447	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11271	6.873	ug/L	97

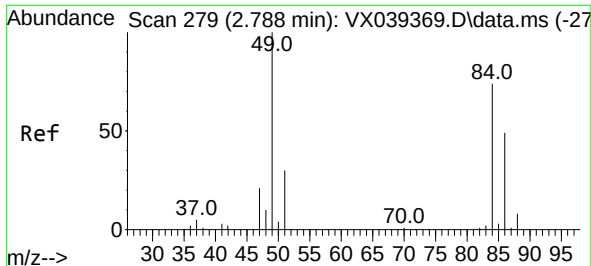
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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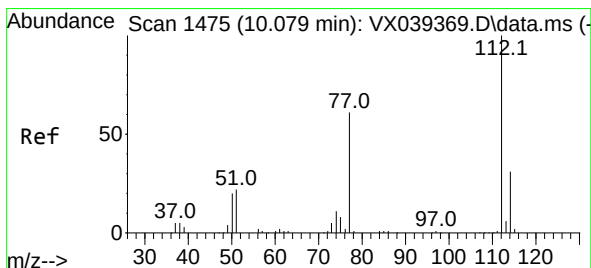
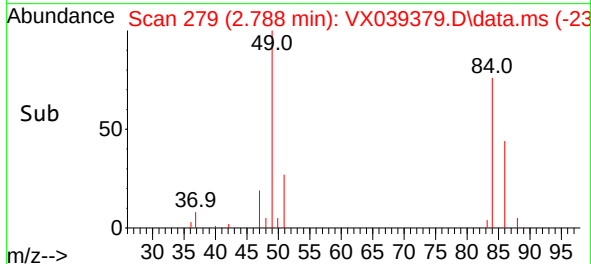
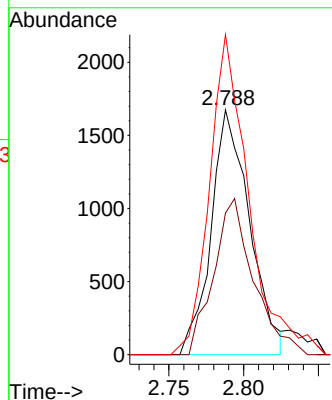
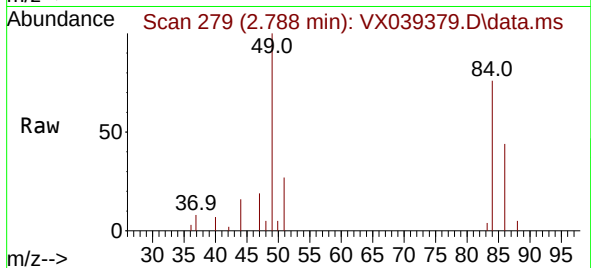




#16
Methylene chloride
Concen: 2.147 ug/L
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039379.D
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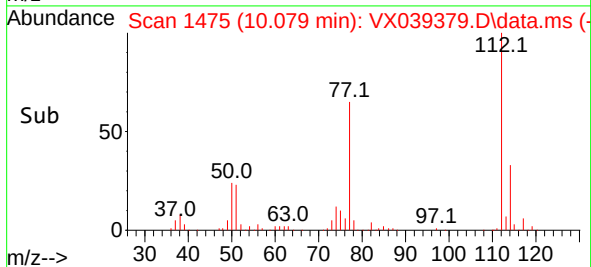
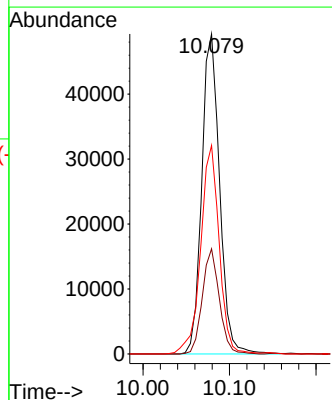
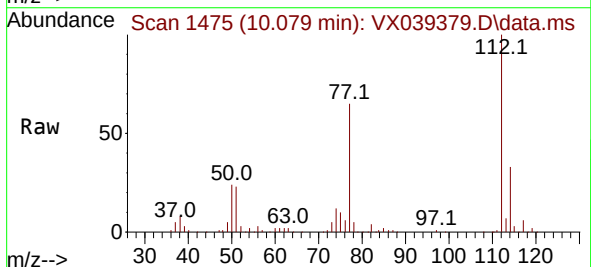
Instrument :
MSVOA_X
ClientSampleId :
C0AR8DL

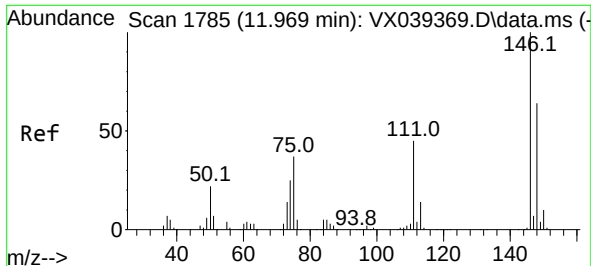
Tgt Ion: 84	Resp:	3001	
Ion	Ratio	Lower	Upper
84	100		
86	57.9	44.7	82.9
49	130.8	90.9	168.7



#51
Chlorobenzene
Concen: 19.080 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039379.D
Acq: 19 Dec 2023 23:55

Tgt Ion:112	Resp:	70434	
Ion	Ratio	Lower	Upper
112	100		
114	32.9	21.8	40.4
77	65.2	49.0	73.6

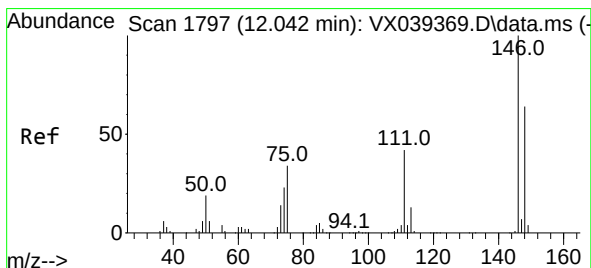
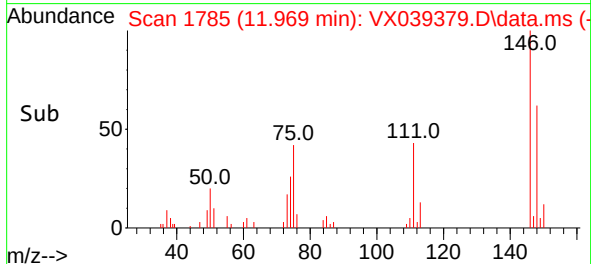
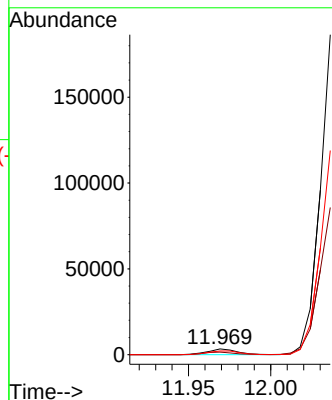
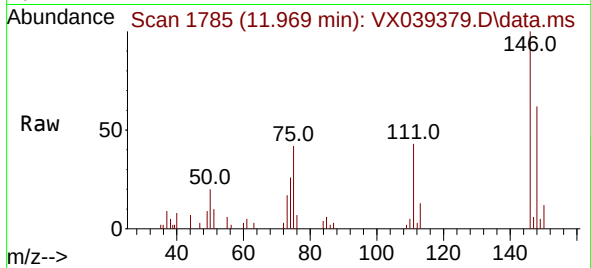




#64
1,3-Dichlorobenzene
Concen: 1.559 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039379.D
Acq: 19 Dec 2023 23:55

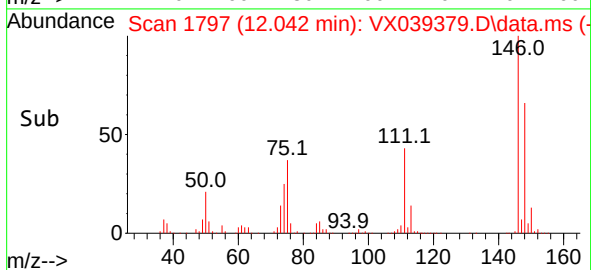
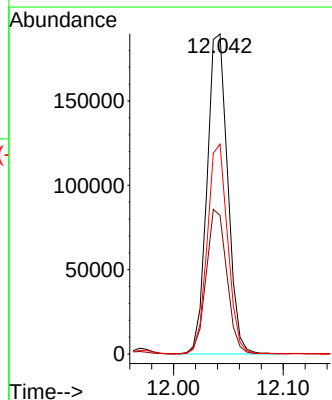
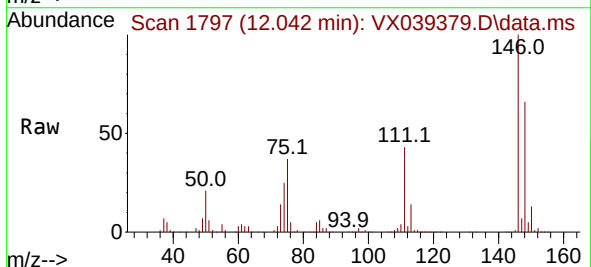
Instrument :
MSVOA_X
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C0AR8DL

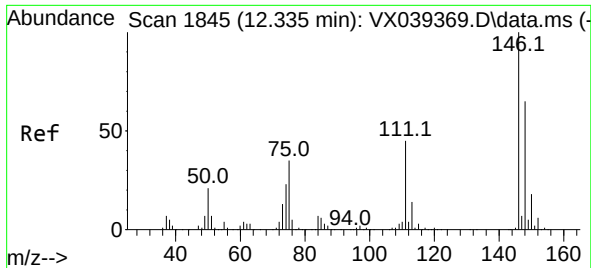
Tgt Ion:146 Resp: 4236
Ion Ratio Lower Upper
146 100
111 43.4 30.0 55.6
148 62.5 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 90.056 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039379.D
Acq: 19 Dec 2023 23:55

Tgt Ion:146 Resp: 247904
Ion Ratio Lower Upper
146 100
111 43.3 29.7 55.1
148 65.6 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.991 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039379.D

Acq: 19 Dec 2023 23:55

Instrument :

MSVOA_X

ClientSampleId :

C0AR8DL

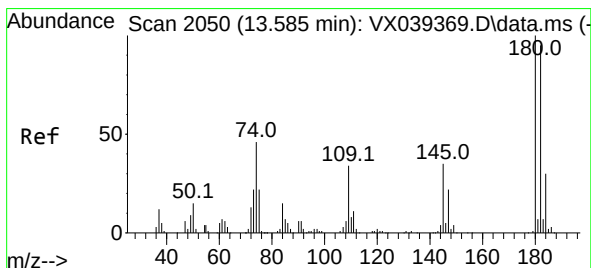
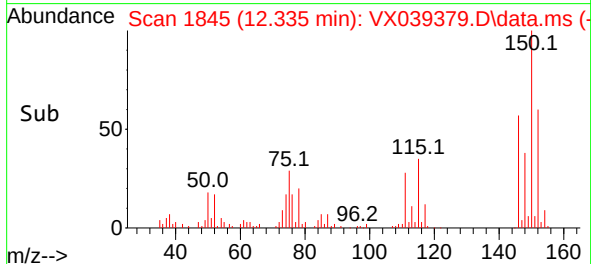
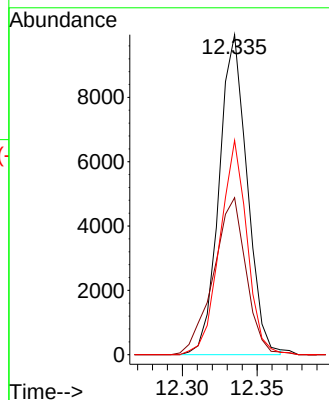
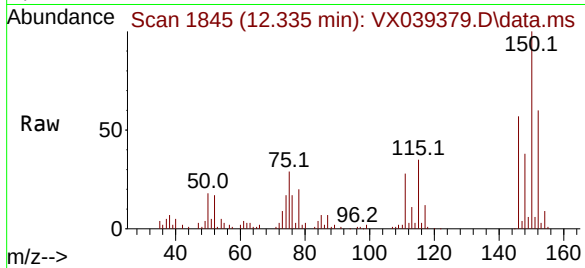
Tgt Ion:146 Resp: 12969

Ion Ratio Lower Upper

146 100

111 49.0 36.4 54.6

148 66.9 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 8.447 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039379.D

Acq: 19 Dec 2023 23:55

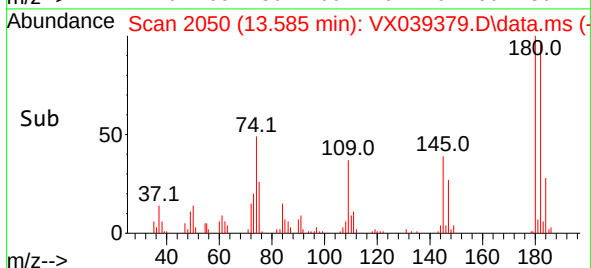
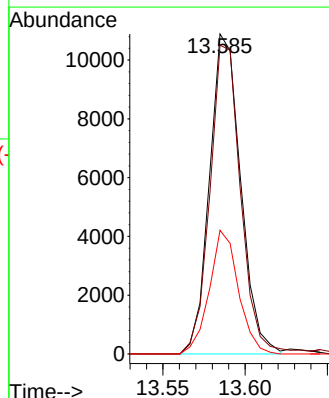
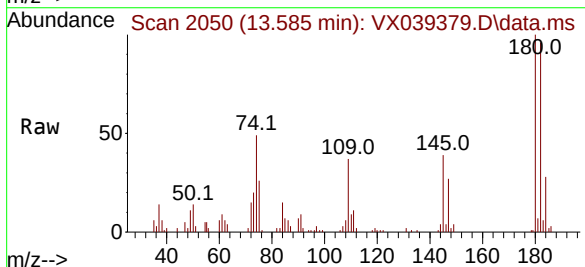
Tgt Ion:180 Resp: 14306

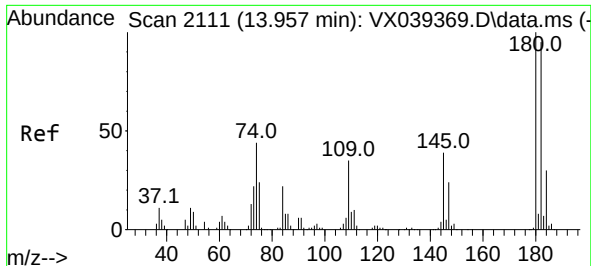
Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

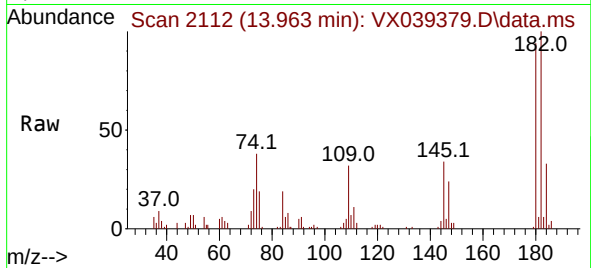
145 36.2 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 6.873 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX039379.D
 Acq: 19 Dec 2023 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR8DL



Tgt Ion:	180	Resp:	11271
Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.9	113.9
145	38.2	28.6	42.8

