

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039405.D
 Acq On : 20 Dec 2023 16:36
 Operator : JC/MD
 Sample : 05835-18DL 500X
 Misc : 3.34g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR8DL

Quant Time: Dec 21 00:26:45 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)

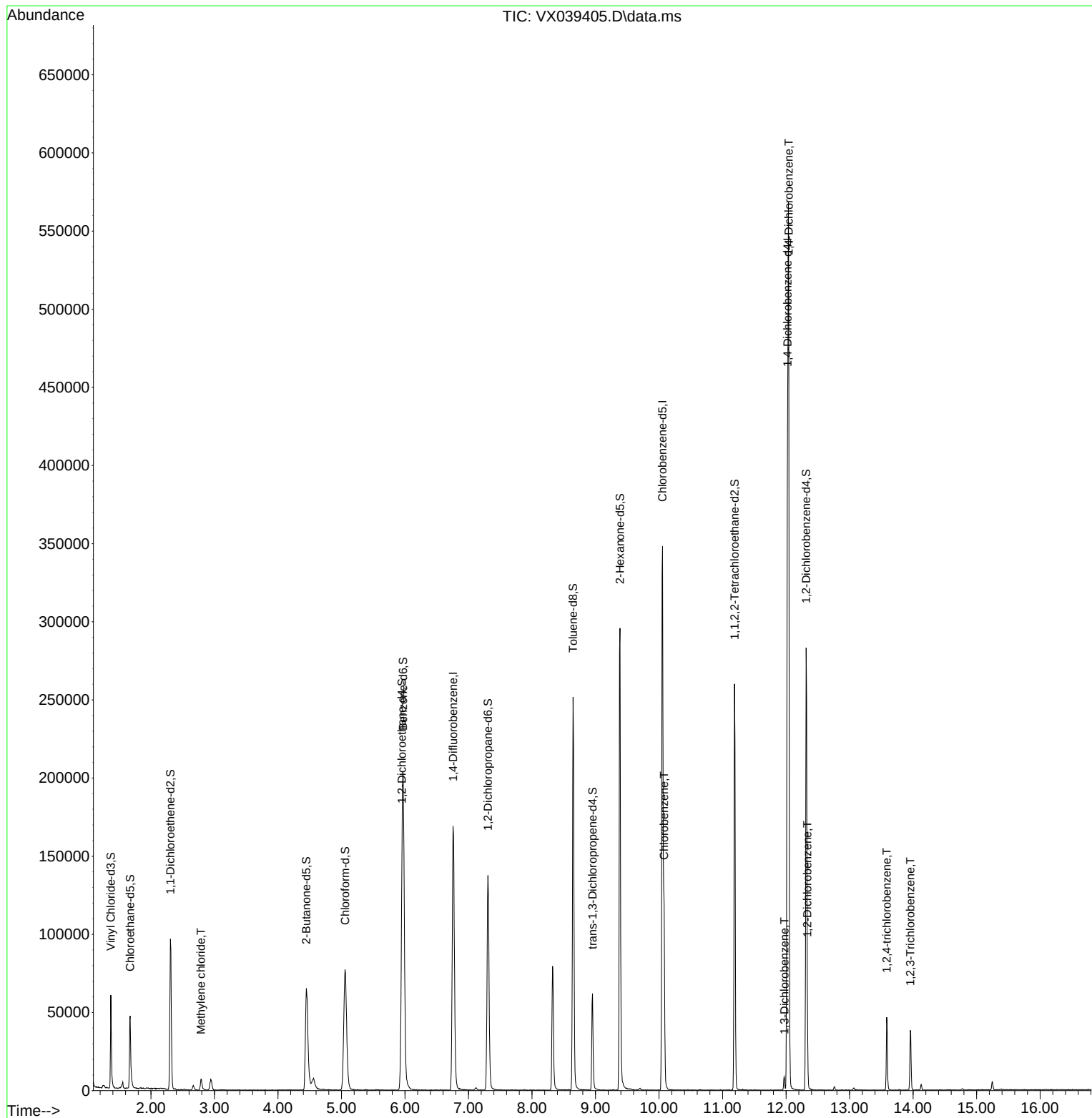
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	163194	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	146178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66111	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	37161	29.032	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.060%#
7) Chloroethane-d5	1.672	69	35037	37.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.060%
11) 1,1-Dichloroethene-d2	2.306	65	18260	32.498	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.000%
21) 2-Butanone-d5	4.446	46	116213	100.300	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.300%
24) Chloroform-d	5.056	84	94971	41.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.820%
26) 1,2-Dichloroethane-d4	5.952	65	78865	53.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.480%
32) Benzene-d6	5.970	84	187138	41.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.960%
36) 1,2-Dichloropropane-d6	7.306	67	68243	47.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	8.647	98	143075	34.996	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.000%#
43) trans-1,3-Dichloroprop...	8.952	79	27652	37.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.860%
47) 2-Hexanone-d5	9.384	63	81631	94.138	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.140%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	99891	48.501	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.317	152	50523	40.431	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.860%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.788	84	3252	2.692	ug/L	94
51) Chlorobenzene	10.079	112	46334	15.227	ug/L	95
64) 1,3-Dichlorobenzene	11.975	146	2501	1.210	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	151895	72.495	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	8338	4.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	9515	7.381	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	8151	6.530	ug/L	97

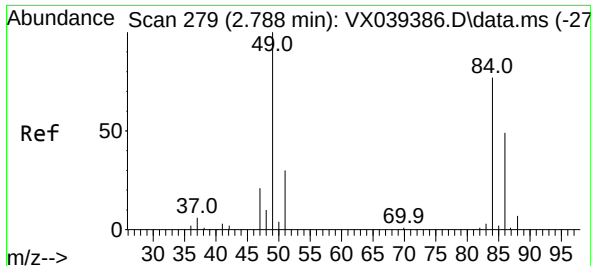
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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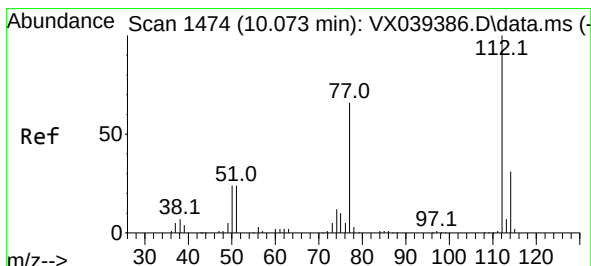
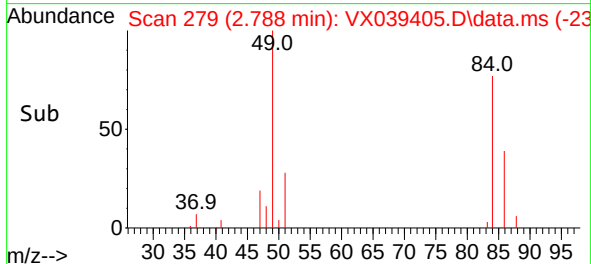
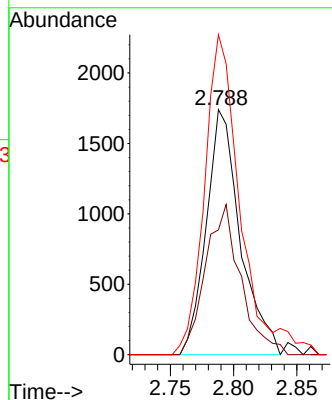
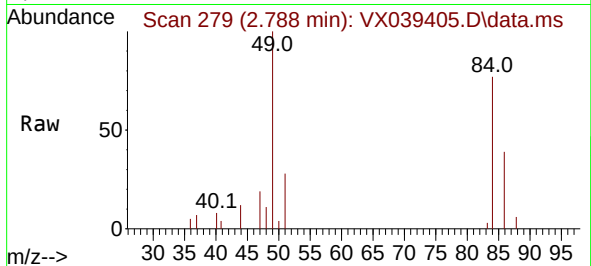




#16
Methylene chloride
Concen: 2.692 ug/L
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039405.D
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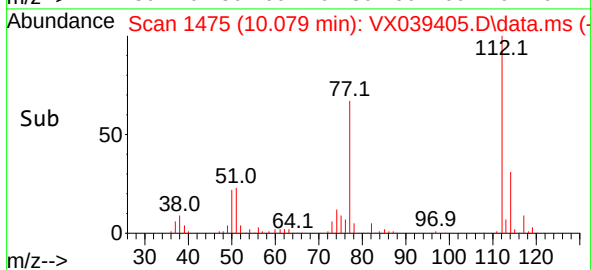
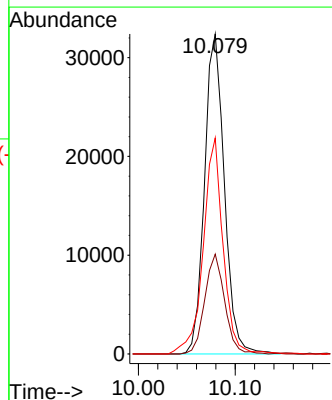
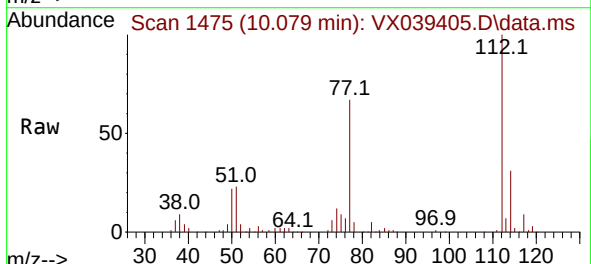
Instrument :
MSVOA_X
ClientSampleId :
C0AR8DL

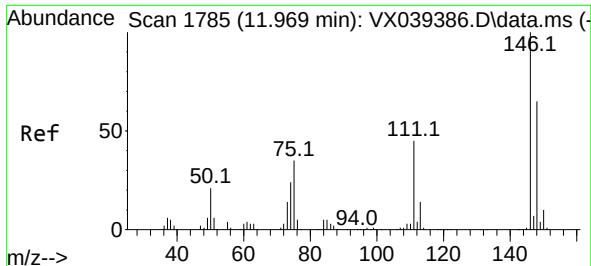
Tgt Ion:	84	Resp:	3252
Ion	Ratio	Lower	Upper
84	100		
86	50.9	44.7	82.9
49	130.6	90.9	168.7



#51
Chlorobenzene
Concen: 15.227 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039405.D
Acq: 20 Dec 2023 16:36

Tgt Ion:	112	Resp:	46334
Ion	Ratio	Lower	Upper
112	100		
114	31.2	21.8	40.4
77	67.5	49.0	73.6

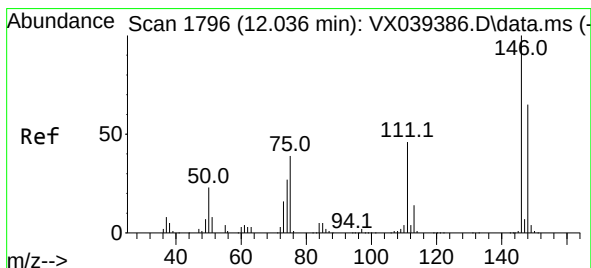
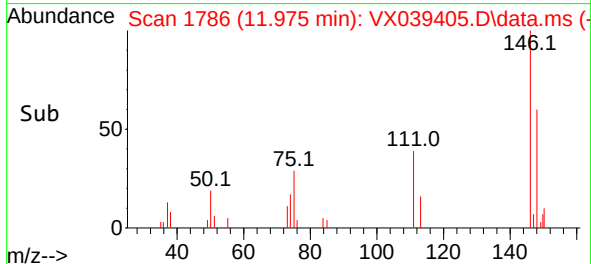
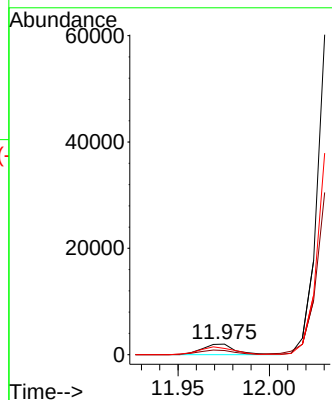
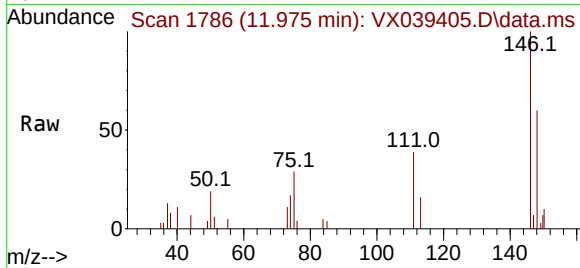




#64
1,3-Dichlorobenzene
Concen: 1.210 ug/L
RT: 11.975 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039405.D
Acq: 20 Dec 2023 16:36

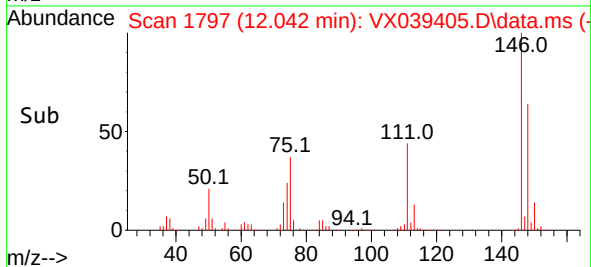
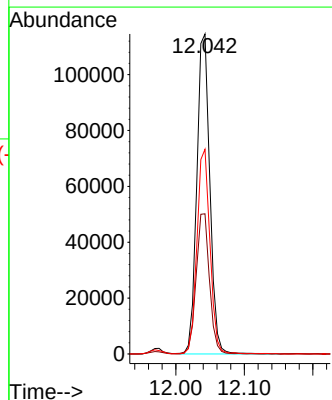
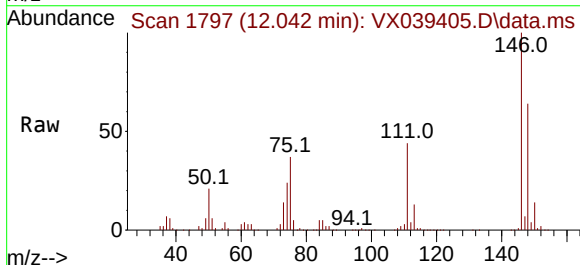
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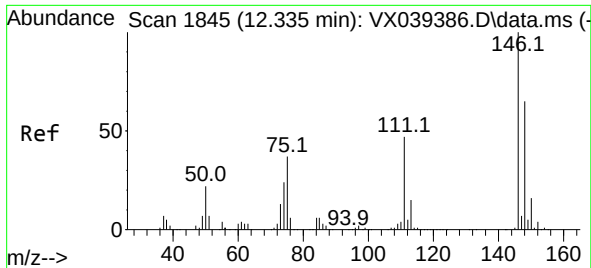
Tgt Ion:146 Resp: 2501
Ion Ratio Lower Upper
146 100
111 38.8 30.0 55.6
148 59.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 72.495 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039405.D
Acq: 20 Dec 2023 16:36

Tgt Ion:146 Resp: 151895
Ion Ratio Lower Upper
146 100
111 43.8 29.7 55.1
148 63.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.216 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039405.D

Acq: 20 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

C0AR8DL

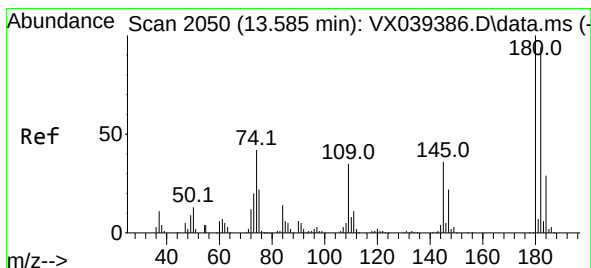
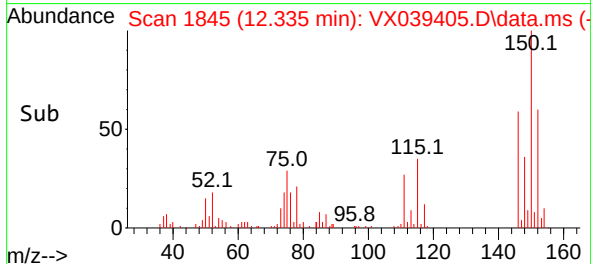
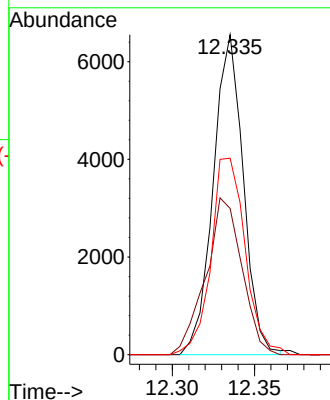
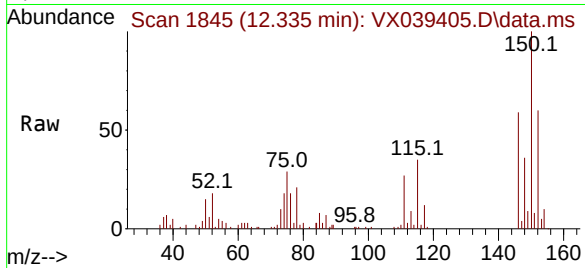
Tgt Ion:146 Resp: 8338

Ion Ratio Lower Upper

146 100

111 45.7 36.4 54.6

148 61.4 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 7.381 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039405.D

Acq: 20 Dec 2023 16:36

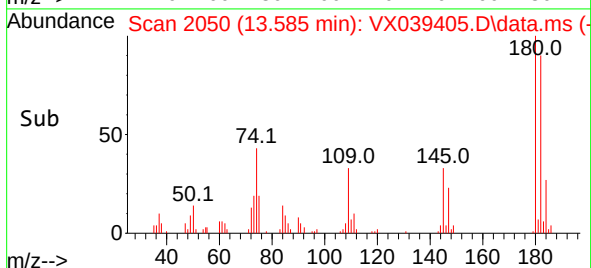
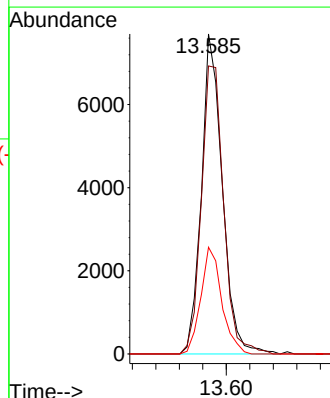
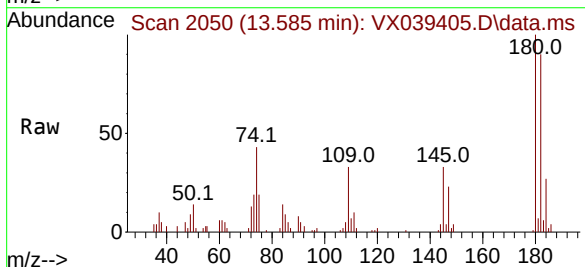
Tgt Ion:180 Resp: 9515

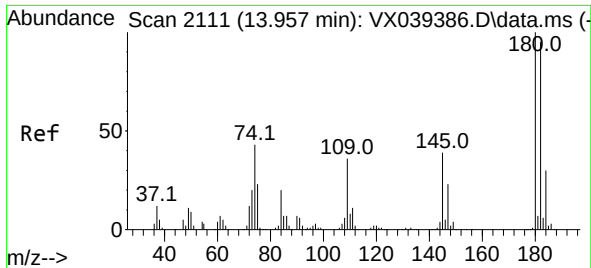
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

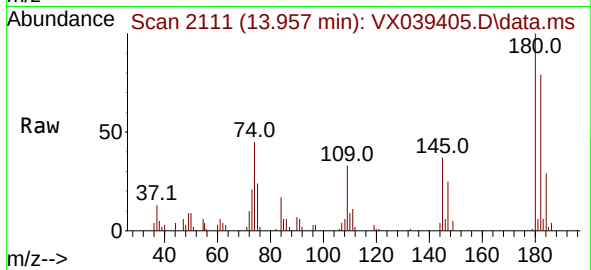
145 33.5 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 6.530 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX039405.D
 Acq: 20 Dec 2023 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR8DL



Tgt Ion:	180	Resp:	8151
Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.9	113.9
145	35.8	28.6	42.8

