

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039336.D
 Acq On : 19 Dec 2023 01:03
 Operator : JC/MD
 Sample : 05835-18 100X
 Misc : 3.34g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR8

Quant Time: Dec 19 04:22:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 22:55:37 2023
 Response via : Initial Calibration

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

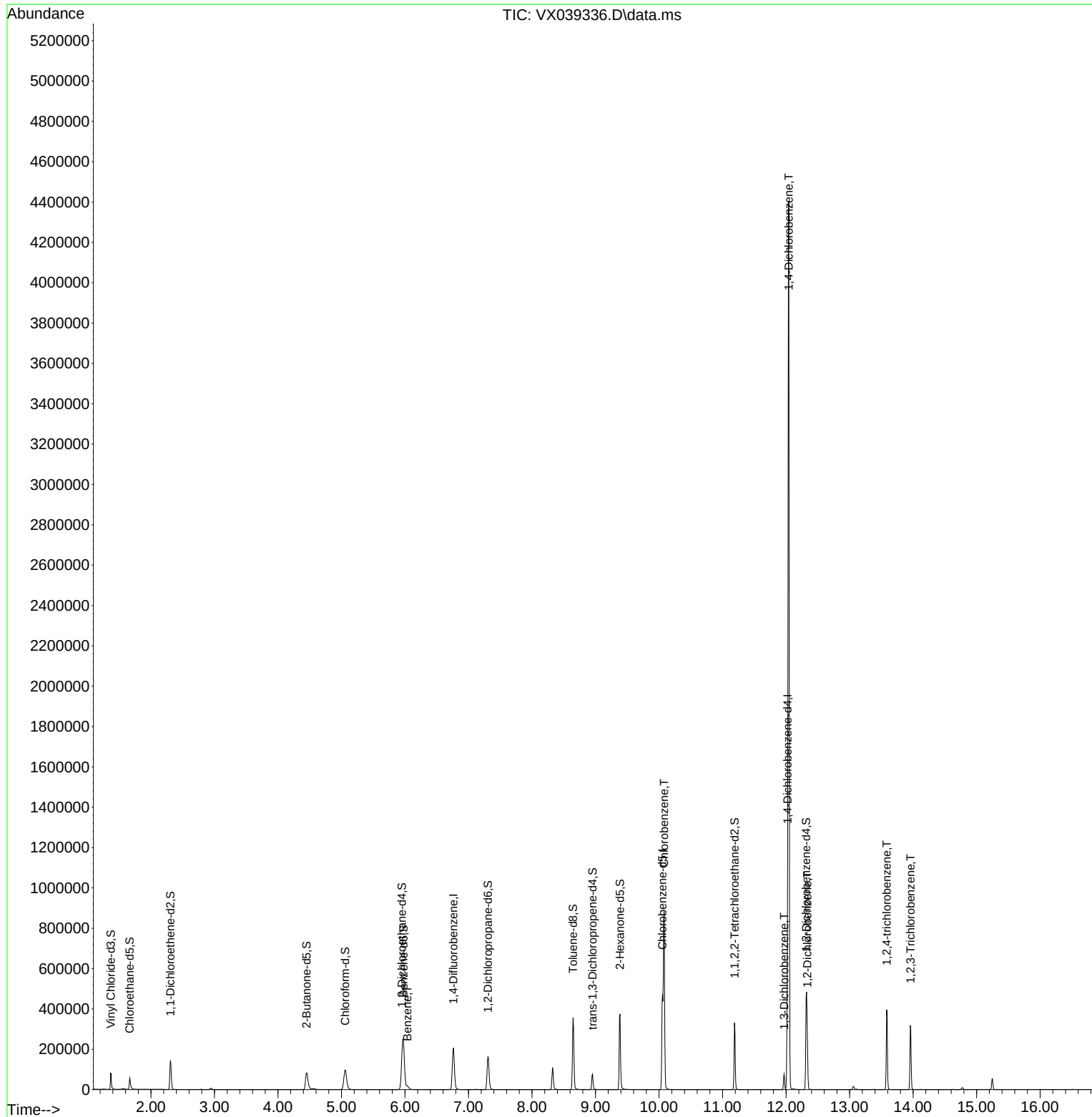
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	199630	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	183730	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	88080	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	51960	33.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.360%
7) Chloroethane-d5	1.666	69	41855	36.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.320%
11) 1,1-Dichloroethene-d2	2.306	65	25968	37.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.560%
21) 2-Butanone-d5	4.446	46	151178	106.663	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.660%
24) Chloroform-d	5.056	84	120858	43.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.952	65	89022	49.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.180%
32) Benzene-d6	5.976	84	245835	43.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.720%
36) 1,2-Dichloropropane-d6	7.305	67	82272	45.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.180%
41) Toluene-d8	8.647	98	205759	40.042	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	8.951	79	35938	38.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.400%
47) 2-Hexanone-d5	9.384	63	106355	97.582	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.580%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	123483	47.702	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.317	152	74310	44.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.260%
Target Compounds						
					Qvalue	
33) Benzene	6.037	78	18344	3.142	ug/L	100
51) Chlorobenzene	10.079	112	360894	94.363	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	20859	7.572	ug/L	91
65) 1,4-Dichlorobenzene	12.042	146	1217455	436.129	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	65825	24.980	ug/L	95
70) 1,2,4-trichlorobenzene	13.585	180	80604	46.932	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	65347	39.296	ug/L	99

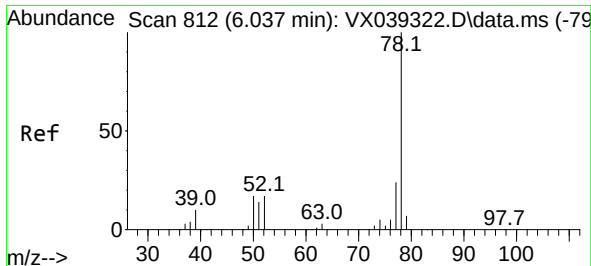
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Dec 18 22:55:37 2023
Response via : Initial Calibration

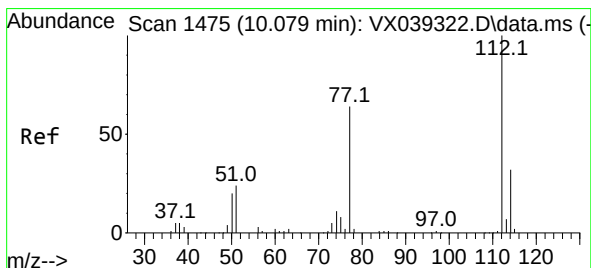
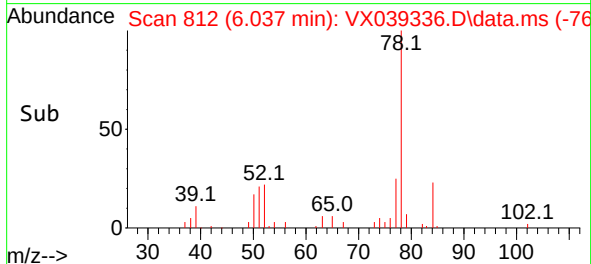
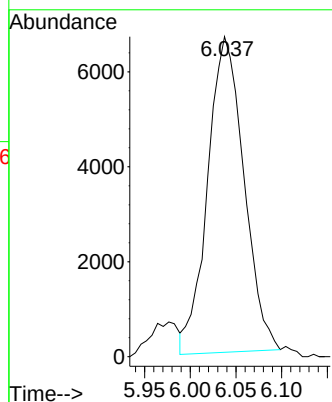
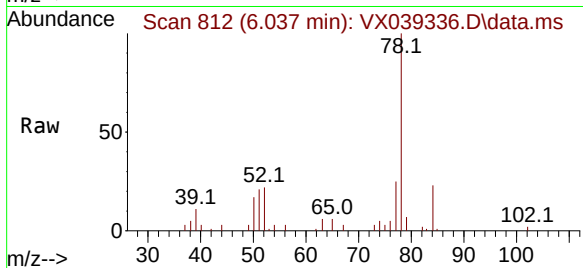




#33
Benzene
Concen: 3.142 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039336.D
Acq: 19 Dec 2023 01:03

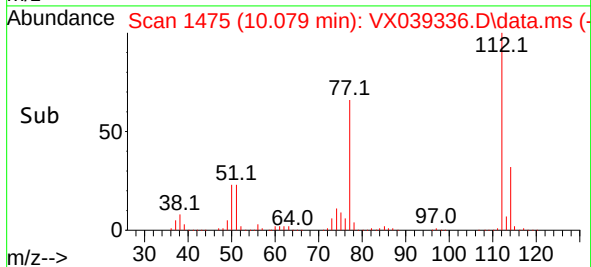
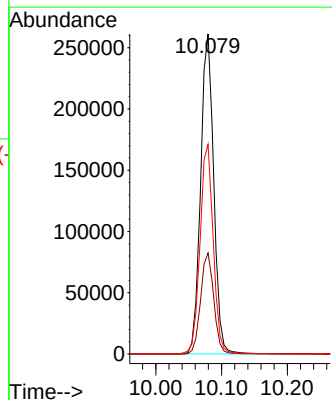
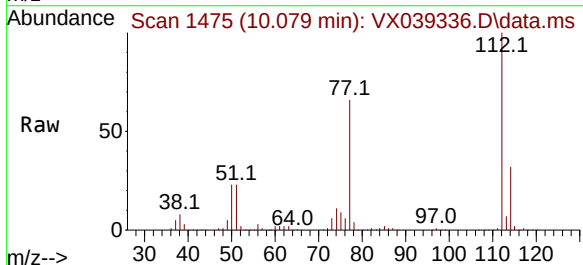
Instrument :
MSVOA_X
ClientSampleId :
C0AR8

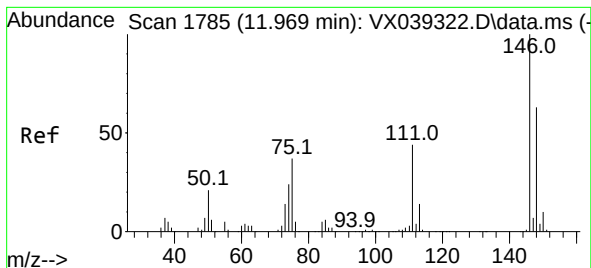
Tgt Ion: 78 Resp: 18344



#51
Chlorobenzene
Concen: 94.363 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039336.D
Acq: 19 Dec 2023 01:03

Tgt Ion: 112 Resp: 360894
Ion Ratio Lower Upper
112 100
114 31.5 21.8 40.4
77 65.5 49.0 73.6





#64

1,3-Dichlorobenzene

Concen: 7.572 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039336.D

Acq: 19 Dec 2023 01:03

Instrument :

MSVOA_X

ClientSampleId :

C0AR8

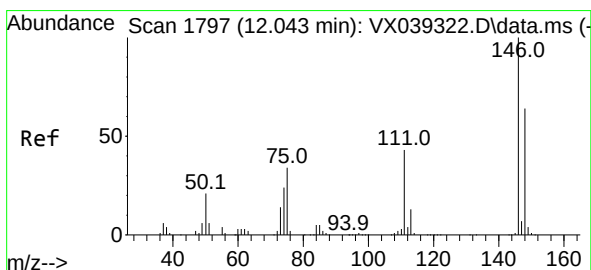
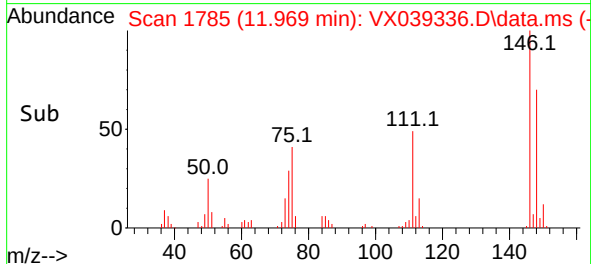
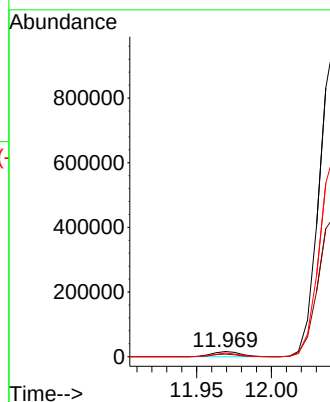
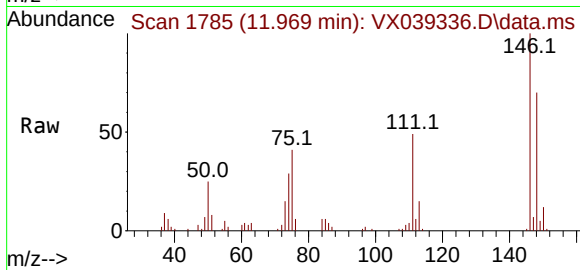
Tgt Ion:146 Resp: 20859

Ion Ratio Lower Upper

146 100

111 48.9 30.0 55.6

148 69.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 436.129 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039336.D

Acq: 19 Dec 2023 01:03

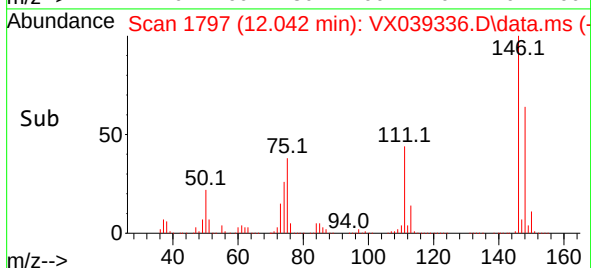
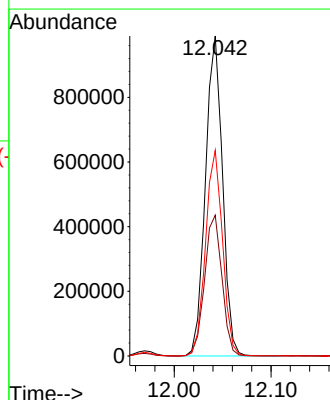
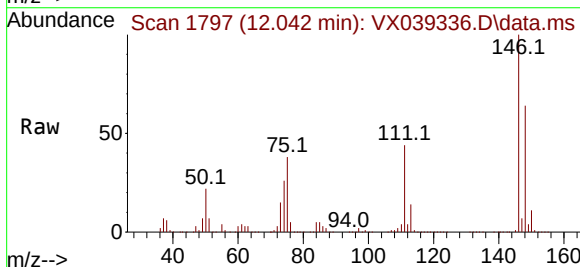
Tgt Ion:146 Resp: 1217455

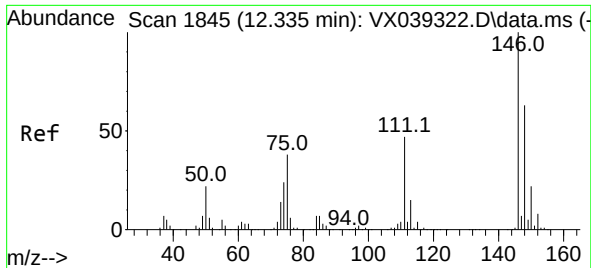
Ion Ratio Lower Upper

146 100

111 44.0 29.7 55.1

148 64.3 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 24.980 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039336.D

Acq: 19 Dec 2023 01:03

Instrument :

MSVOA_X

ClientSampleId :

C0AR8

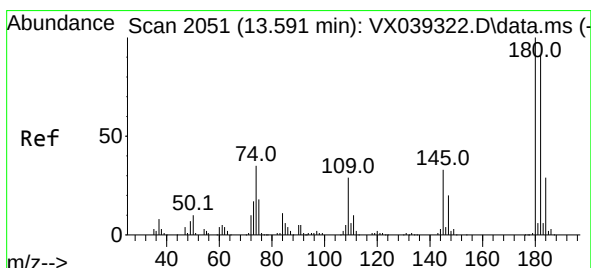
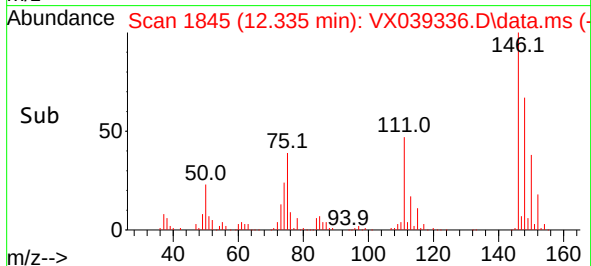
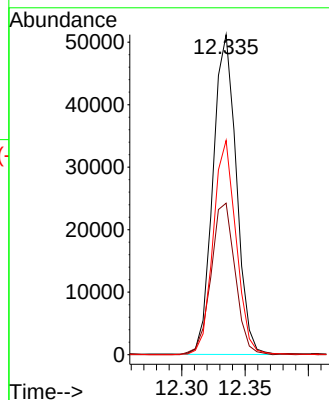
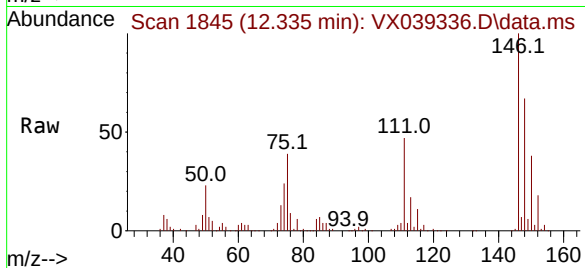
Tgt Ion:146 Resp: 65825

Ion Ratio Lower Upper

146 100

111 47.3 36.4 54.6

148 67.0 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 46.932 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX039336.D

Acq: 19 Dec 2023 01:03

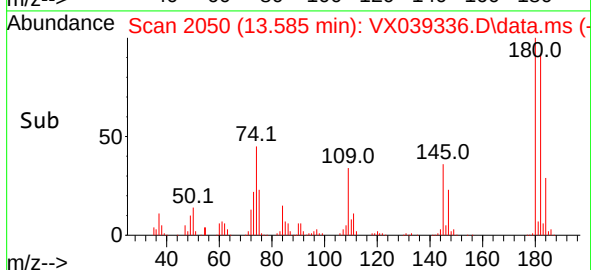
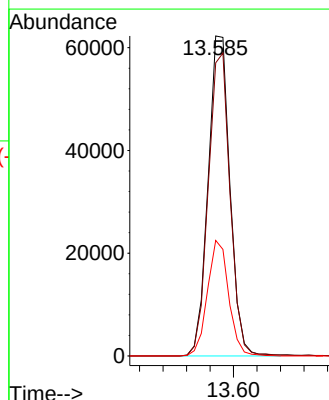
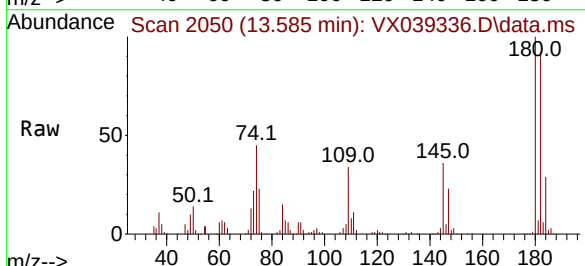
Tgt Ion:180 Resp: 80604

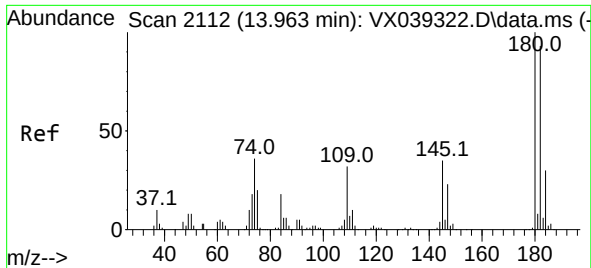
Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

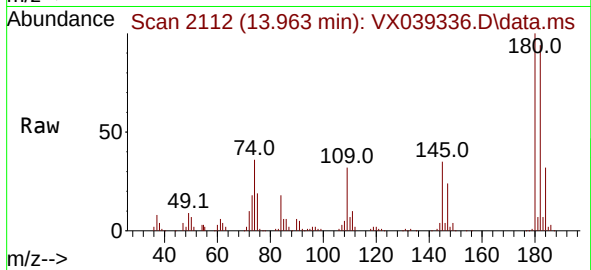
145 35.1 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 39.296 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039336.D
 Acq: 19 Dec 2023 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR8



Tgt Ion:180 Resp: 65347
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.9 113.9
 145 37.3 28.6 42.8

