

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039375.D
 Acq On : 19 Dec 2023 22:23
 Operator : JC/MD
 Sample : 05807-13 10X
 Misc : 1.26g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 02:21:34 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)

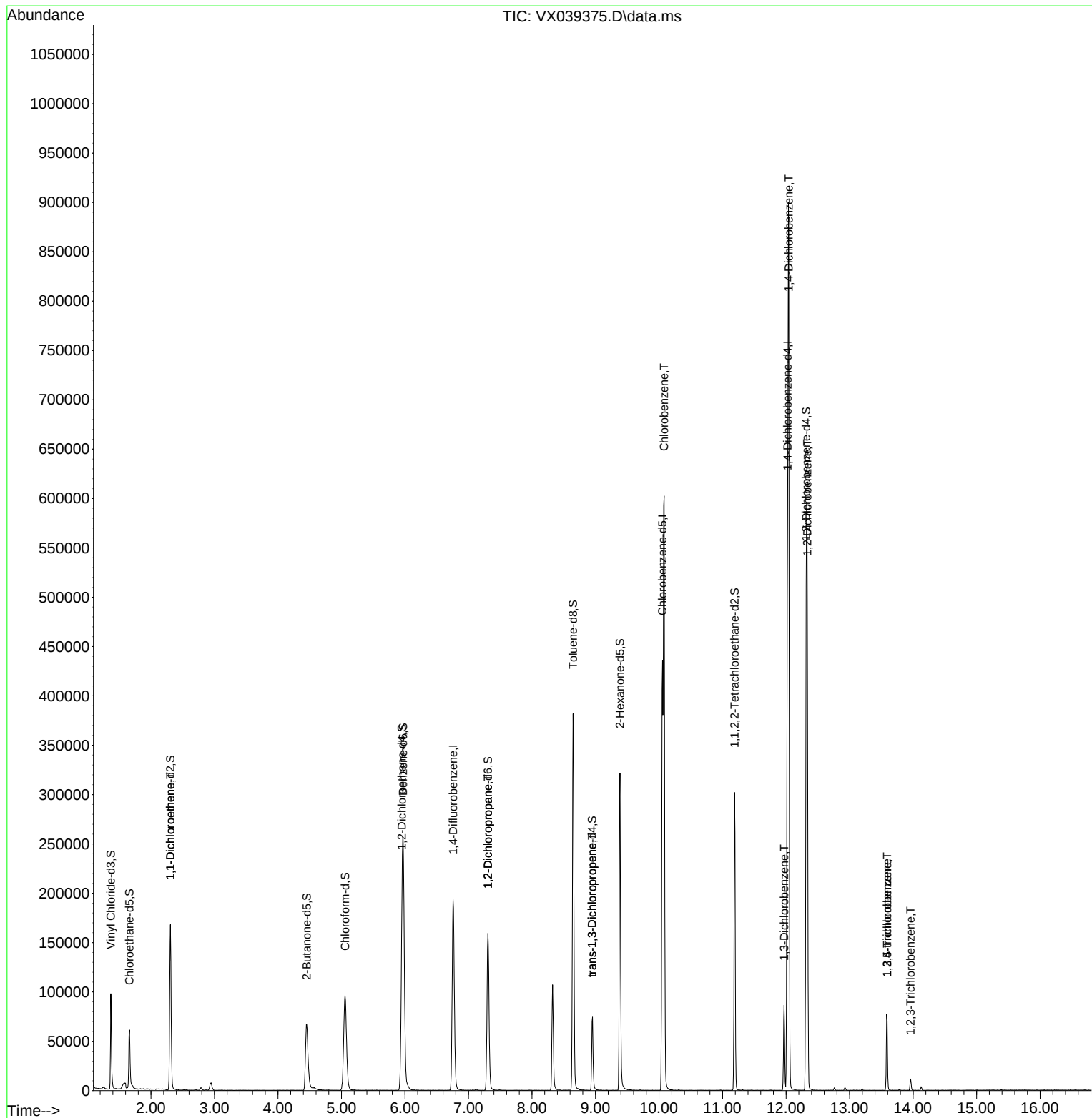
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	185782	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	175017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	88230	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64034	43.944	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.880%
7) Chloroethane-d5	1.660	69	44384	41.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.420%
11) 1,1-Dichloroethene-d2	2.306	65	30729	48.041	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.080%
21) 2-Butanone-d5	4.452	46	121697	92.263	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.260%
24) Chloroform-d	5.056	84	120683	46.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	5.952	65	87486	52.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.740%
32) Benzene-d6	5.970	84	251526	46.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
36) 1,2-Dichloropropane-d6	7.306	67	81621	46.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	8.647	98	223190	45.597	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.946	79	32797	37.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.160%
47) 2-Hexanone-d5	9.384	63	90307	86.983	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.980%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	115504	46.841	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.680%
66) 1,2-Dichlorobenzene-d4	12.317	152	79496	47.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.340%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	831	0.694	ug/L #	1
37) 1,2-Dichloropropane	7.306	63	9612	6.231	ug/L #	89
44) trans-1,3-Dichloropropene	8.946	75	1819	0.797	ug/L	99
51) Chlorobenzene	10.079	112	249491	68.482	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	24248	8.787	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	250610	89.623	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	127835	48.429	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	16127	8.837	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	16127	9.374	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	2535	1.522	ug/L	98

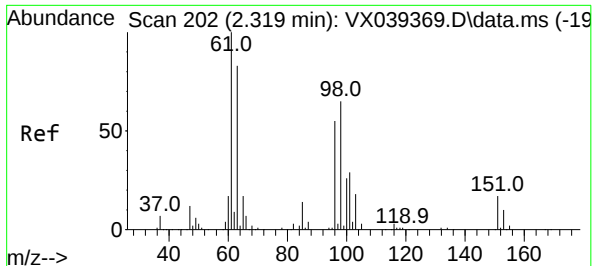
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 02:21:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.694 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039375.D

Acq: 19 Dec 2023 22:23

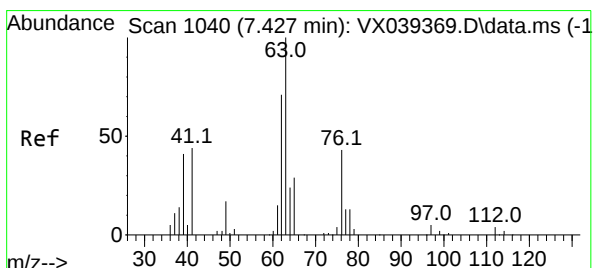
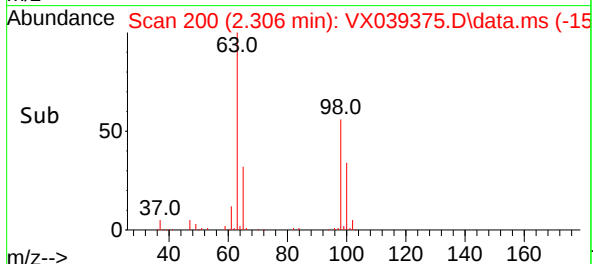
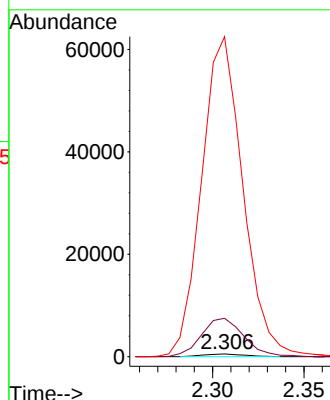
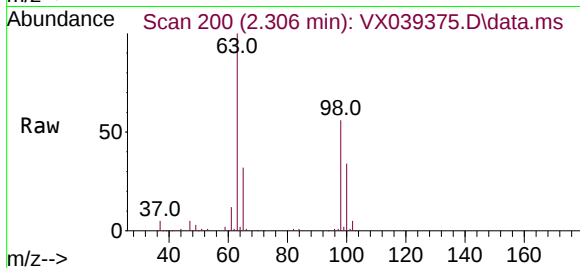
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 831

Ion	Ratio	Lower	Upper
96	100		
61	1374.5	128.0	237.6#
63	11444.7	101.5	188.5#



#37

1,2-Dichloropropane

Concen: 6.231 ug/L

RT: 7.306 min Scan# 1020

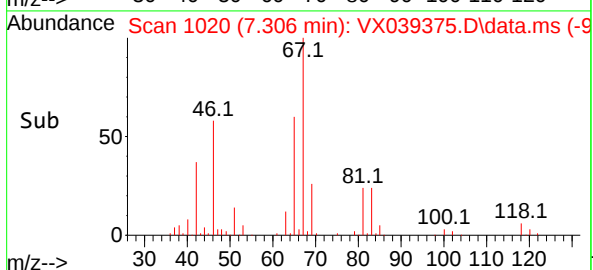
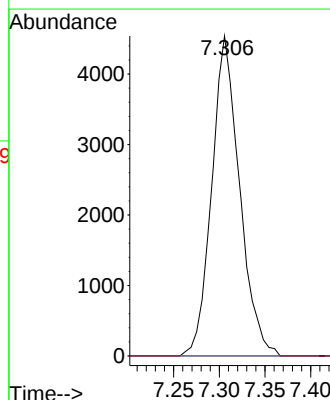
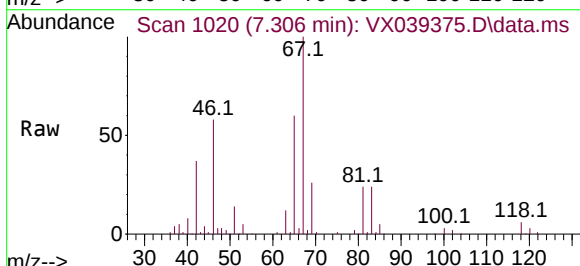
Delta R.T. -0.122 min

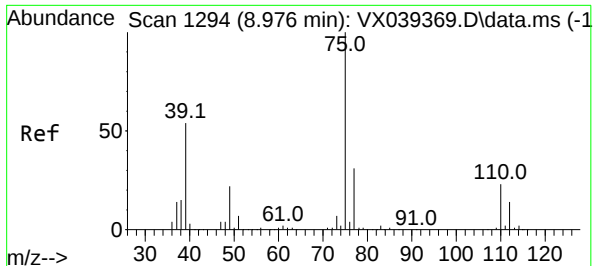
Lab File: VX039375.D

Acq: 19 Dec 2023 22:23

Tgt Ion: 63 Resp: 9612

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#

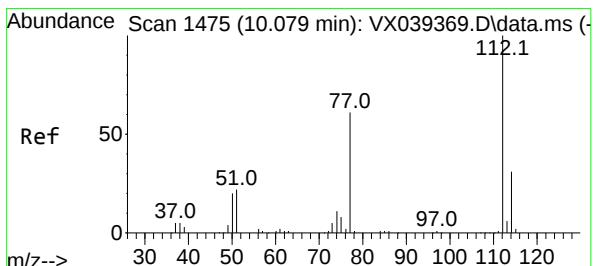
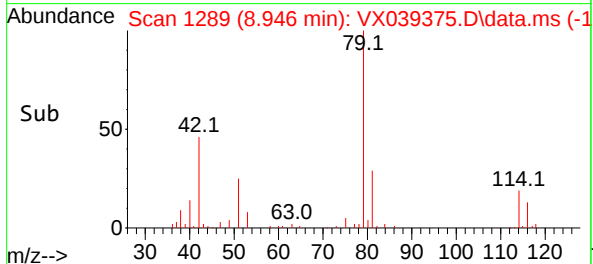
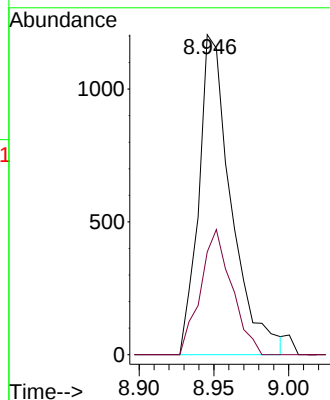
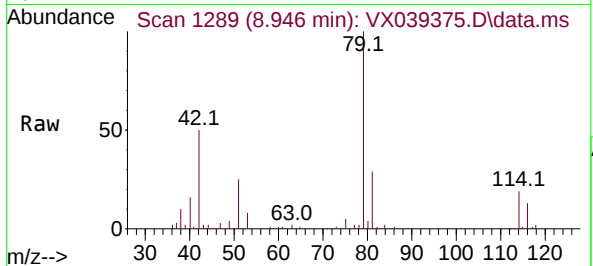




#44
trans-1,3-Dichloropropene
Concen: 0.797 ug/L
RT: 8.946 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX039375.D
Acq: 19 Dec 2023 22:23

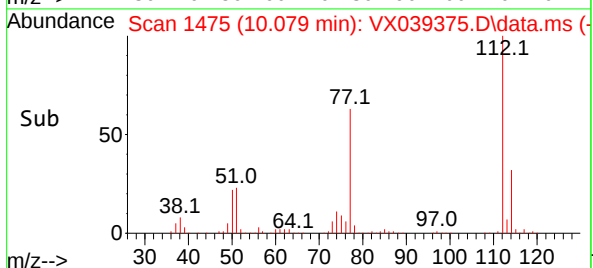
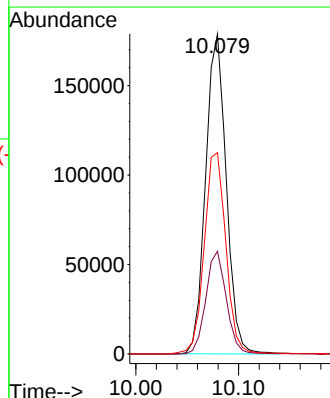
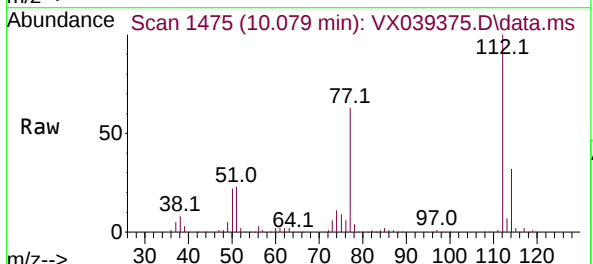
Instrument :
MSVOA_X
ClientSampleId :

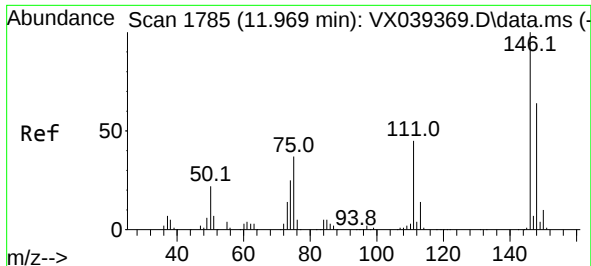
Tgt Ion: 75 Resp: 1819
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8



#51
Chlorobenzene
Concen: 68.482 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039375.D
Acq: 19 Dec 2023 22:23

Tgt Ion: 112 Resp: 249491
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.4
77 62.9 49.0 73.6





#64

1,3-Dichlorobenzene

Concen: 8.787 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039375.D

Acq: 19 Dec 2023 22:23

Instrument :

MSVOA_X

ClientSampleId :

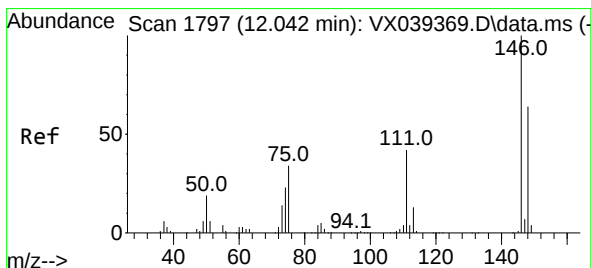
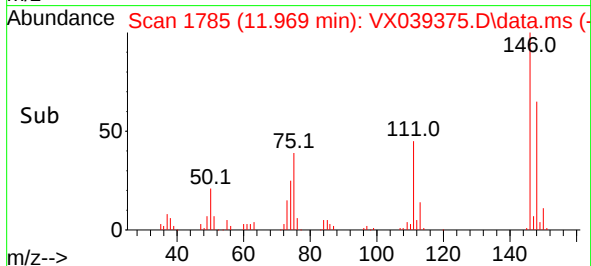
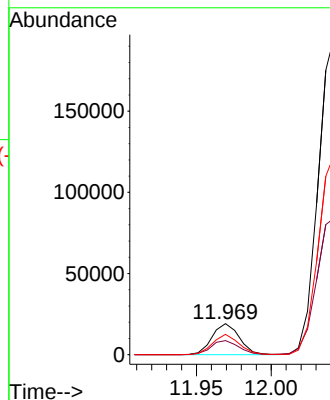
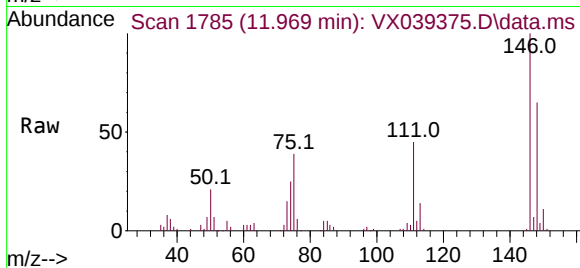
Tgt Ion:146 Resp: 24248

Ion Ratio Lower Upper

146 100

111 45.2 30.0 55.6

148 65.4 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 89.623 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039375.D

Acq: 19 Dec 2023 22:23

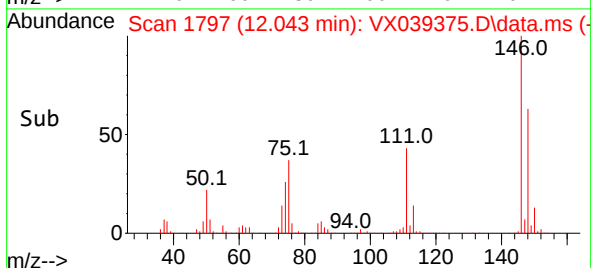
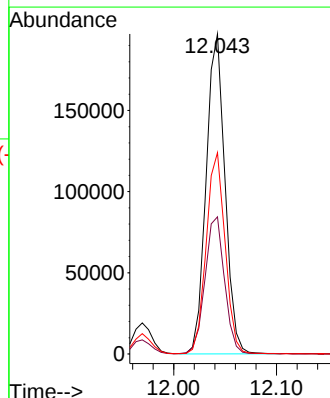
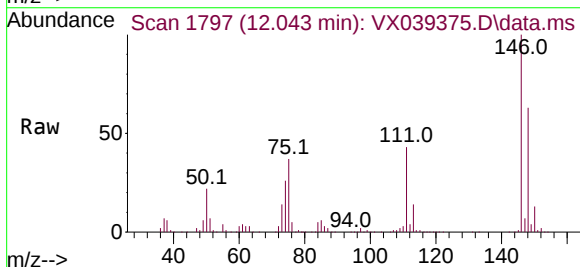
Tgt Ion:146 Resp: 250610

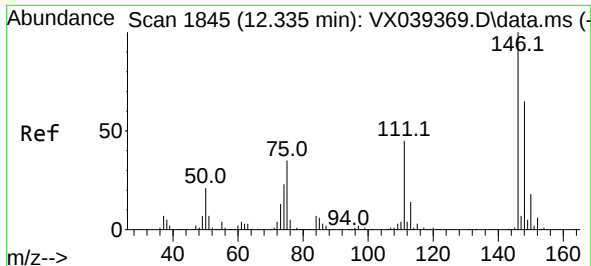
Ion Ratio Lower Upper

146 100

111 42.8 29.7 55.1

148 62.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 48.429 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039375.D

Acq: 19 Dec 2023 22:23

Instrument :

MSVOA_X

ClientSampleId :

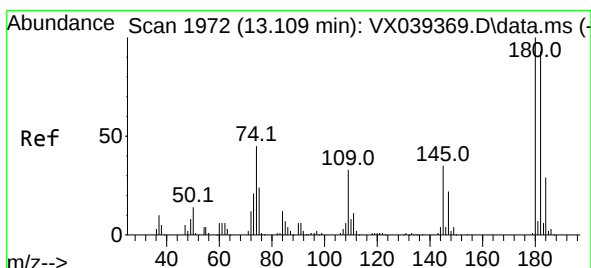
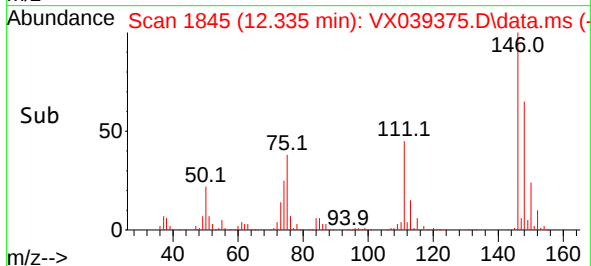
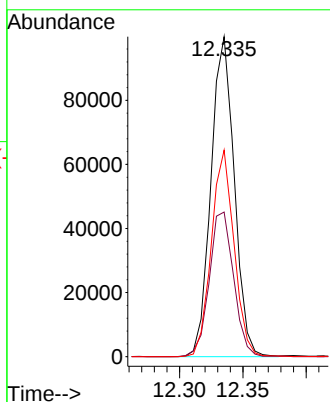
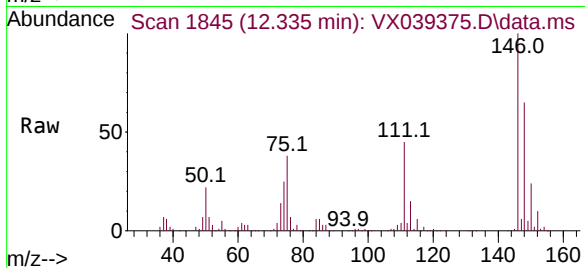
Tgt Ion:146 Resp: 127835

Ion Ratio Lower Upper

146 100

111 45.2 36.4 54.6

148 64.5 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 8.837 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX039375.D

Acq: 19 Dec 2023 22:23

Tgt Ion:180 Resp: 16127

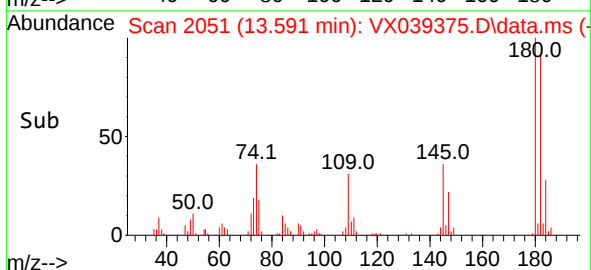
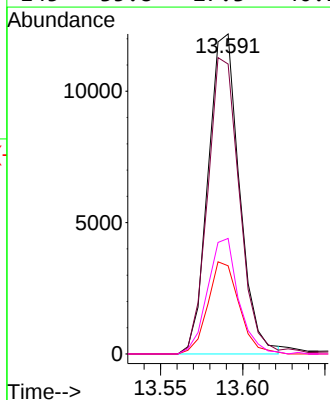
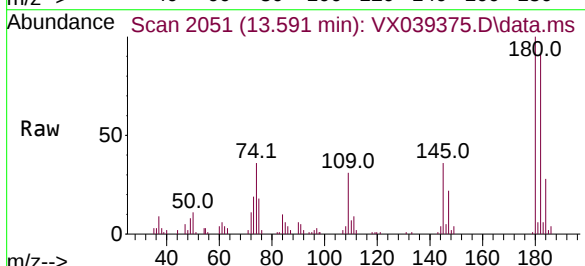
Ion Ratio Lower Upper

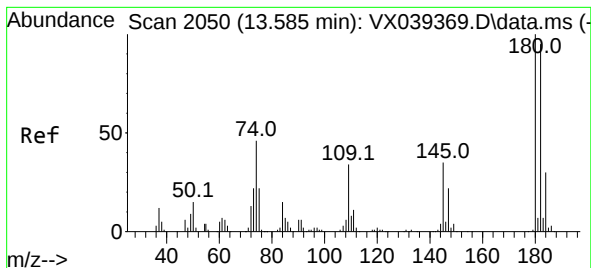
180 100

182 93.4 76.1 114.1

184 28.9 24.1 36.1

145 35.8 27.3 40.9





#70

1,2,4-trichlorobenzene

Concen: 9.374 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039375.D

Acq: 19 Dec 2023 22:23

Instrument :

MSVOA_X

ClientSampleId :

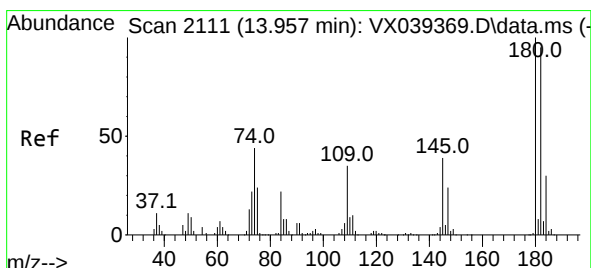
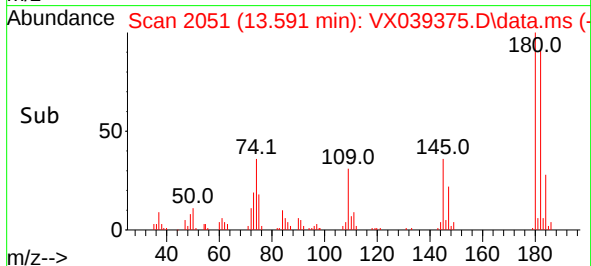
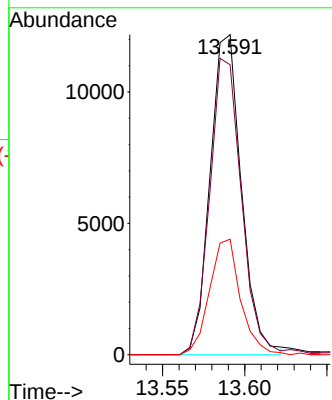
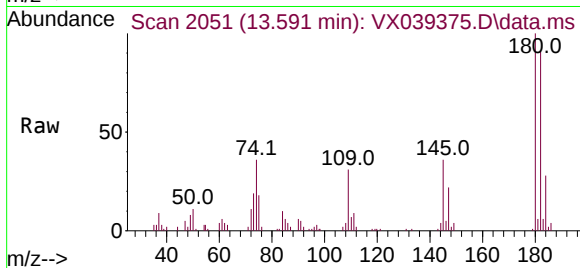
Tgt Ion:180 Resp: 16127

Ion Ratio Lower Upper

180 100

182 93.4 76.8 115.2

145 35.8 27.8 41.6



#72

1,2,3-Trichlorobenzene

Concen: 1.522 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039375.D

Acq: 19 Dec 2023 22:23

Tgt Ion:180 Resp: 2535

Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 38.7 28.6 42.8

