

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039146.D
 Acq On : 11 Dec 2023 16:08
 Operator : JC/MD
 Sample : 05646-19DL 200X
 Misc : 2.18g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS6DL

Quant Time: Dec 12 03:55:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

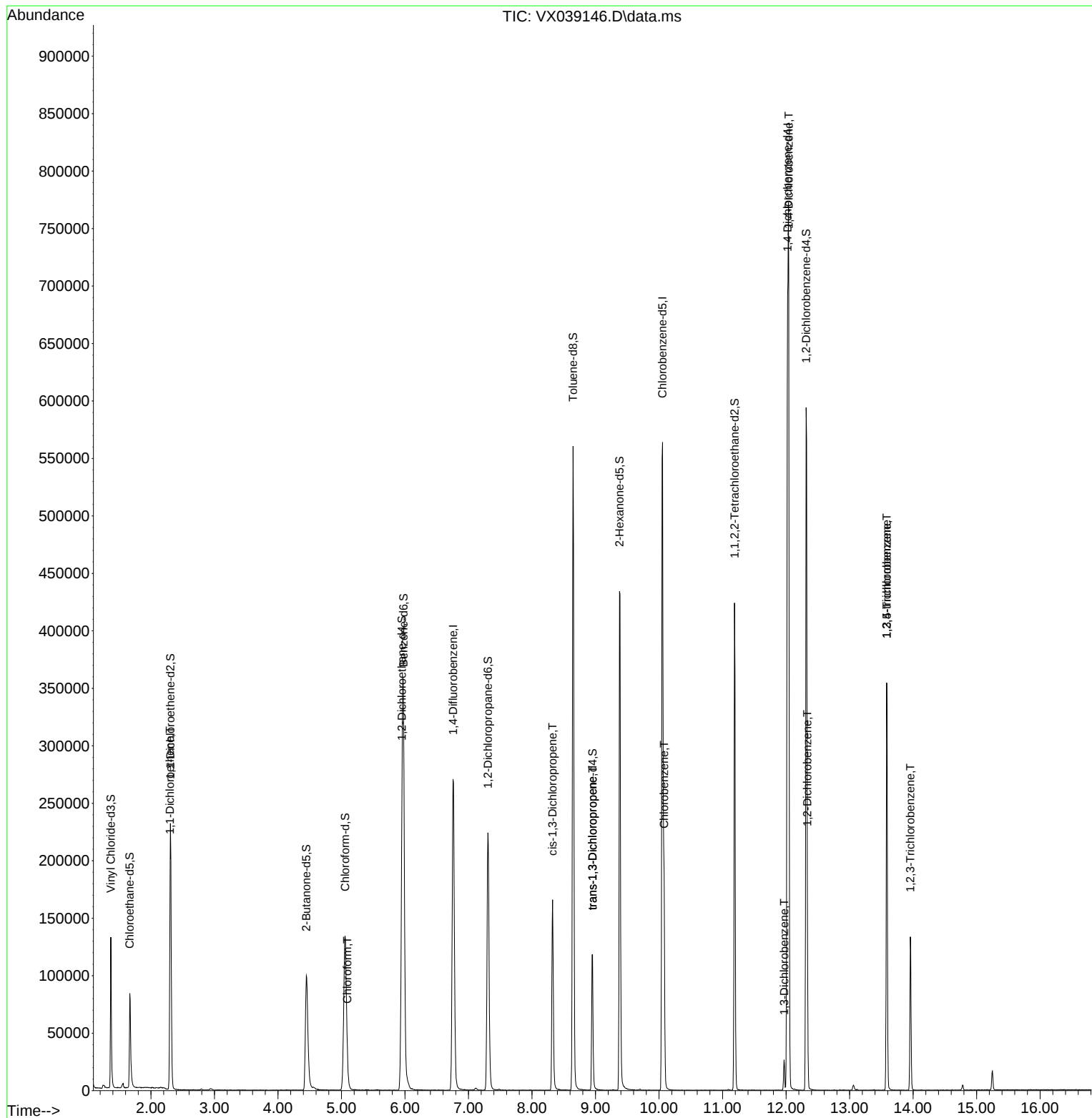
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	267655	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	247224	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113550	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	83927	39.978	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.960%
7) Chloroethane-d5	1.666	69	63748	41.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.160%
11) 1,1-Dichloroethene-d2	2.306	65	41840	45.403	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.800%
21) 2-Butanone-d5	4.446	46	175826	92.525	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.520%
24) Chloroform-d	5.056	84	169453	45.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.952	65	119950	49.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.680%
32) Benzene-d6	5.976	84	359445	47.110	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.220%
36) 1,2-Dichloropropane-d6	7.305	67	115930	47.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.420%
41) Toluene-d8	8.647	98	318892	46.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	8.952	79	56558	45.263	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.520%
47) 2-Hexanone-d5	9.378	63	128132	87.370	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.370%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	160045	45.947	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.900%
66) 1,2-Dichlorobenzene-d4	12.317	152	108124	50.377	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.760%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.300	96	979	0.568	ug/L #	1
25) Chloroform	5.092	83	6707	1.872	ug/L	98
39) cis-1,3-Dichloropropene	8.324	75	3944	1.135	ug/L #	63
44) trans-1,3-Dichloropropene	8.952	75	2701	0.838	ug/L #	79
51) Chlorobenzene	10.079	112	73682	14.318	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	7451	2.098	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	202425	56.249	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	29042	8.549	ug/L	97
69) 1,3,5-Trichlorobenzene	13.585	180	71453	30.423	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	71453	32.272	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	26825	12.513	ug/L	96

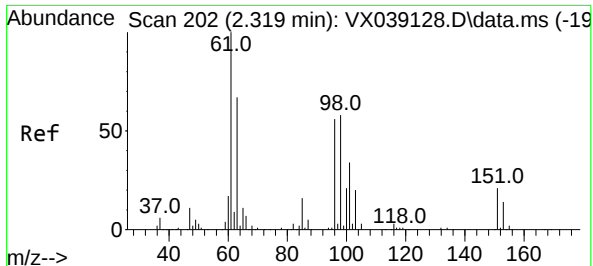
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.568 ug/L

RT: 2.300 min Scan# 199

Delta R.T. -0.018 min

Lab File: VX039146.D

Acq: 11 Dec 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

C0AS6DL

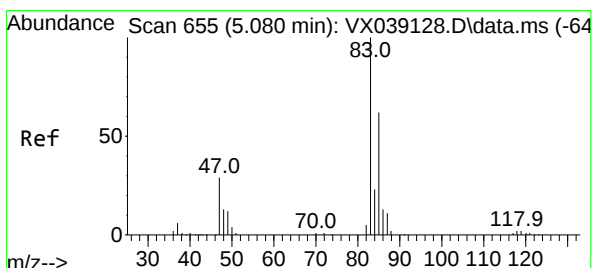
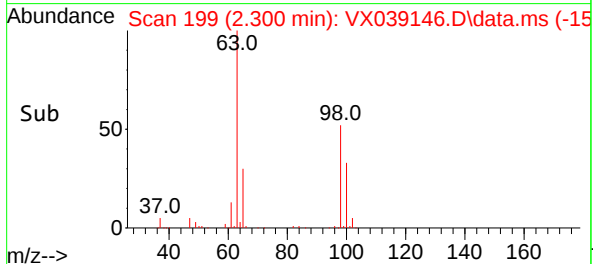
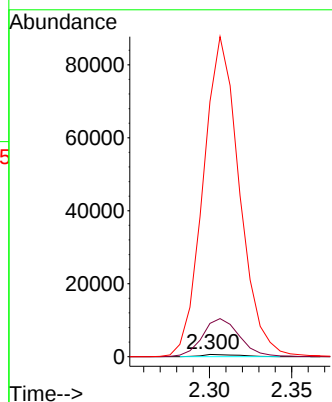
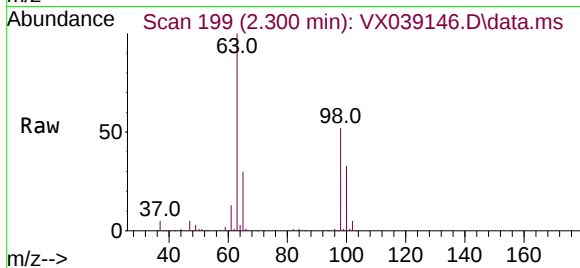
Tgt Ion: 96 Resp: 979

Ion Ratio Lower Upper

96 100

61 1466.4 128.0 237.6#

63 11239.9 101.5 188.5#



#25

Chloroform

Concen: 1.872 ug/L

RT: 5.092 min Scan# 657

Delta R.T. 0.012 min

Lab File: VX039146.D

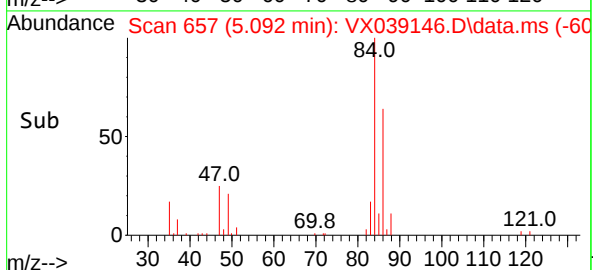
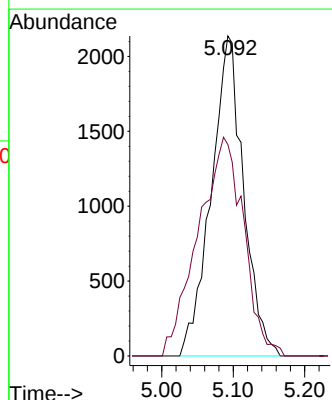
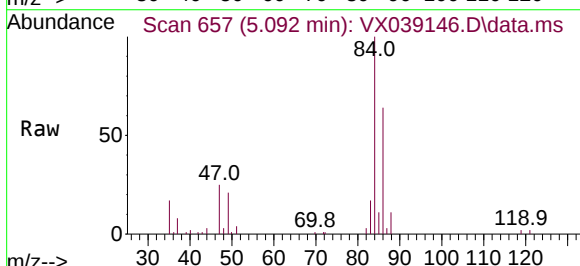
Acq: 11 Dec 2023 16:08

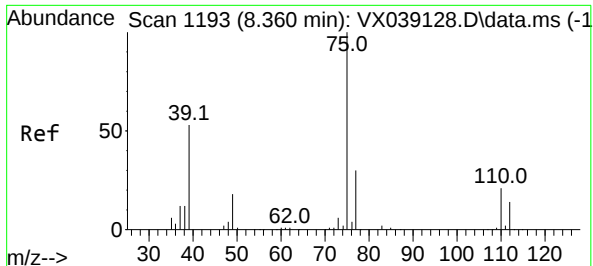
Tgt Ion: 83 Resp: 6707

Ion Ratio Lower Upper

83 100

85 66.1 45.1 83.7





#39

cis-1,3-Dichloropropene

Concen: 1.135 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039146.D

Acq: 11 Dec 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

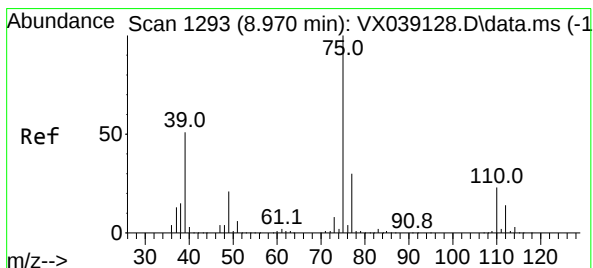
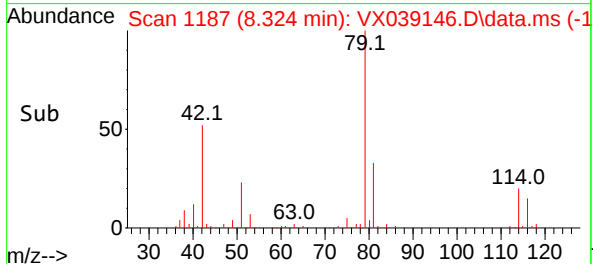
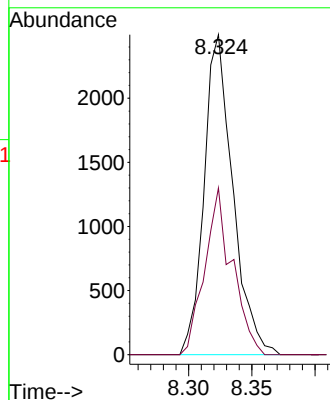
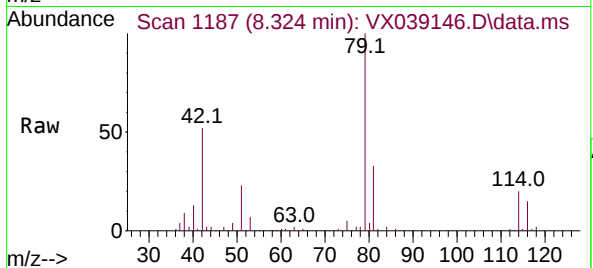
C0AS6DL

Tgt Ion: 75 Resp: 3944

Ion Ratio Lower Upper

75 100

77 52.1 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.838 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039146.D

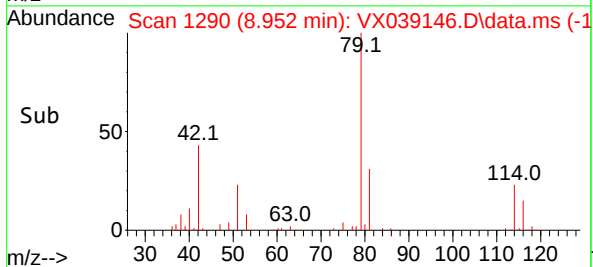
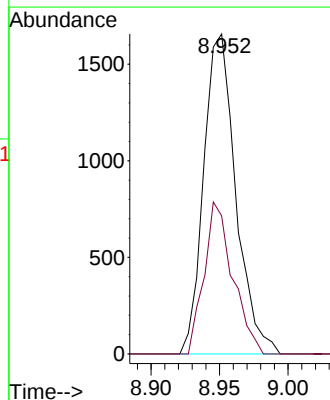
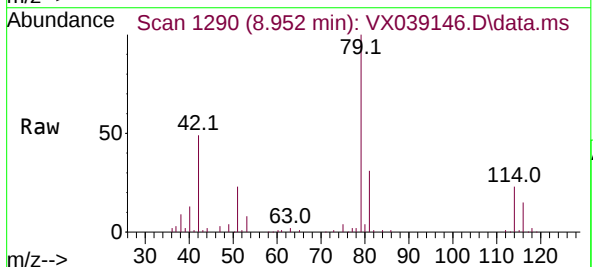
Acq: 11 Dec 2023 16:08

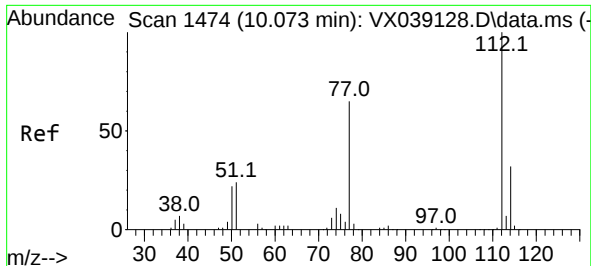
Tgt Ion: 75 Resp: 2701

Ion Ratio Lower Upper

75 100

77 43.2 22.0 40.8#

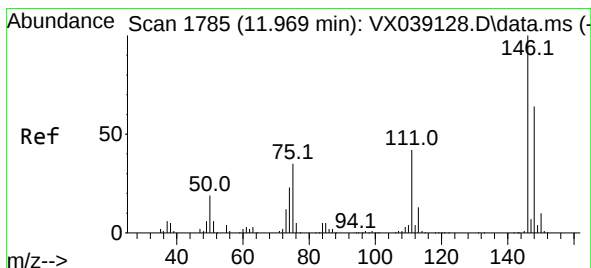
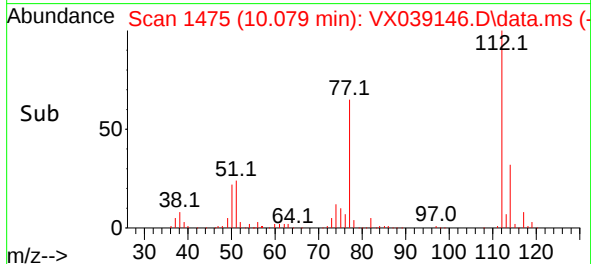
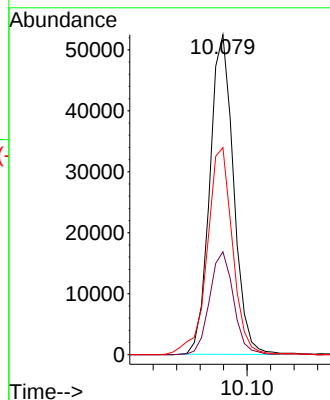
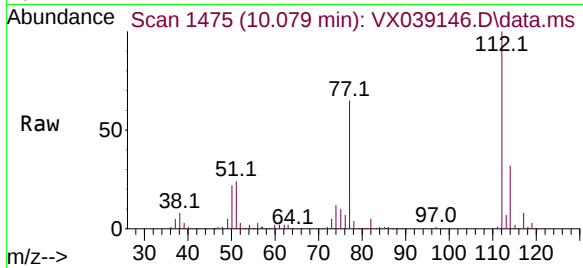




#51
Chlorobenzene
Concen: 14.318 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039146.D
Acq: 11 Dec 2023 16:08

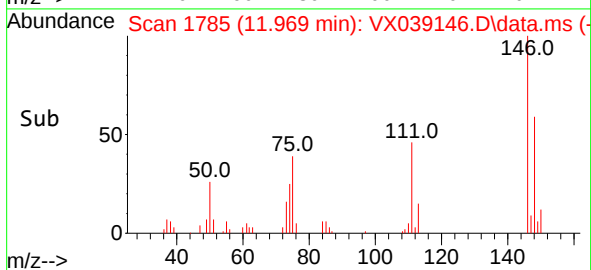
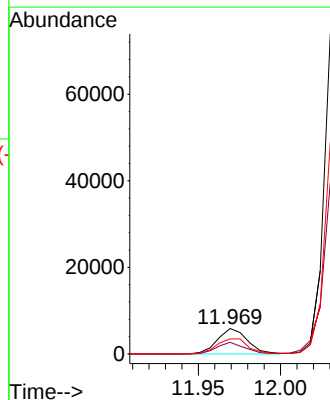
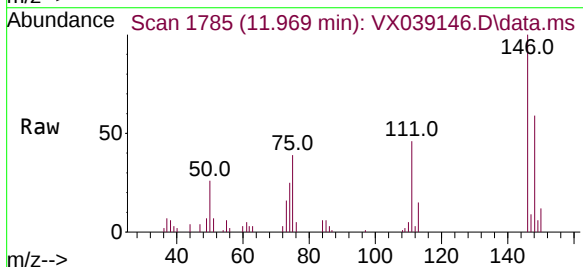
Instrument :
MSVOA_X
ClientSampleId :
C0AS6DL

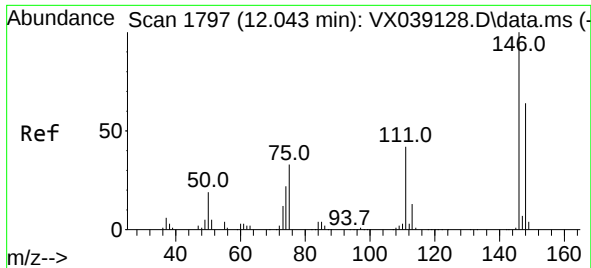
Tgt Ion:112 Resp: 73682
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.4
77 64.7 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 2.098 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039146.D
Acq: 11 Dec 2023 16:08

Tgt Ion:146 Resp: 7451
Ion Ratio Lower Upper
146 100
111 46.0 30.0 55.6
148 59.2 44.2 82.0

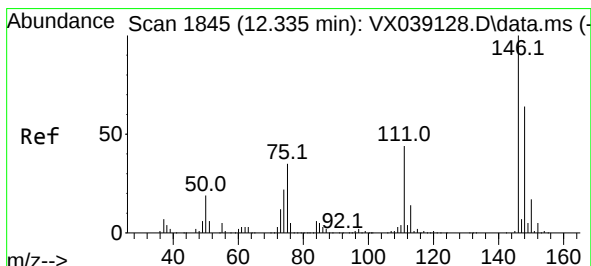
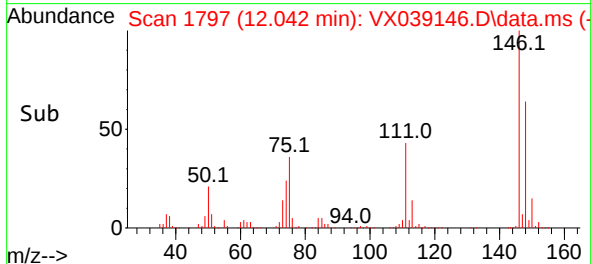
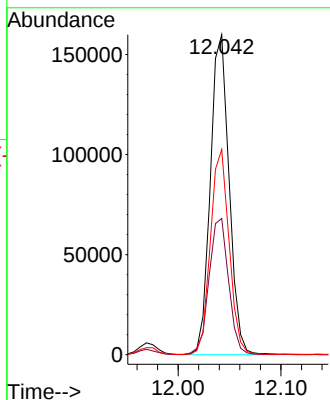
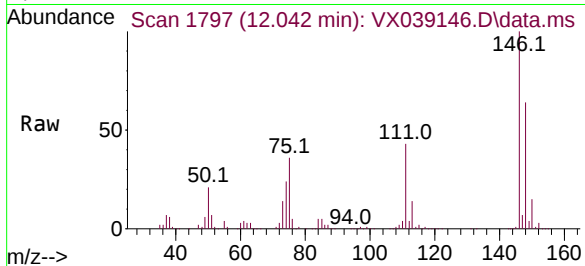




#65
1,4-Dichlorobenzene
Concen: 56.249 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039146.D
Acq: 11 Dec 2023 16:08

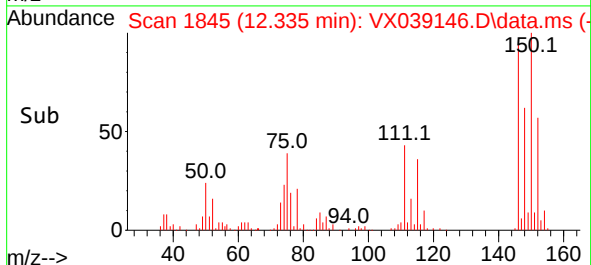
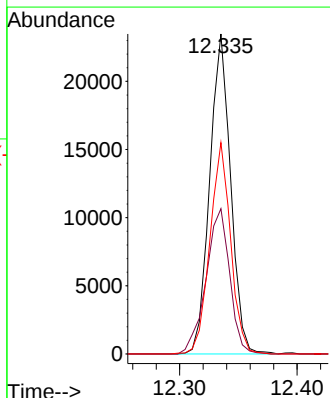
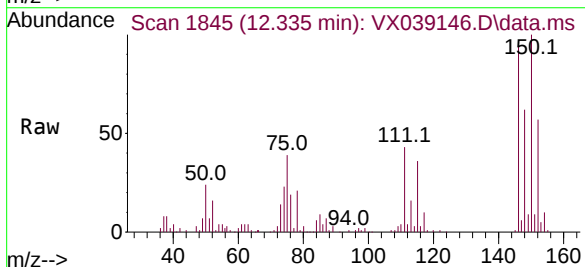
Instrument :
MSVOA_X
ClientSampleId :
C0AS6DL

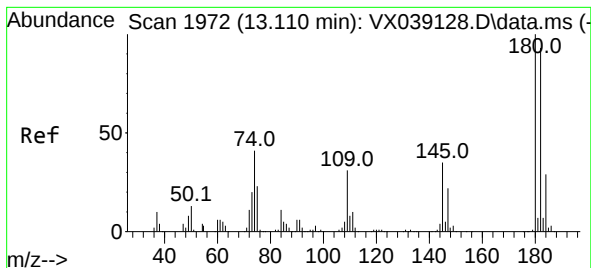
Tgt Ion:146 Resp: 202425
Ion Ratio Lower Upper
146 100
111 42.6 29.7 55.1
148 64.2 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 8.549 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039146.D
Acq: 11 Dec 2023 16:08

Tgt Ion:146 Resp: 29042
Ion Ratio Lower Upper
146 100
111 45.4 36.4 54.6
148 66.0 50.0 75.0





#69

1,3,5-Trichlorobenzene

Concen: 30.423 ug/L

RT: 13.585 min Scan# 20

Delta R.T. 0.475 min

Lab File: VX039146.D

Acq: 11 Dec 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

C0AS6DL

Tgt Ion:180 Resp: 71453

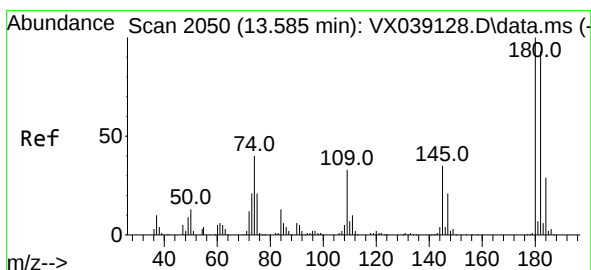
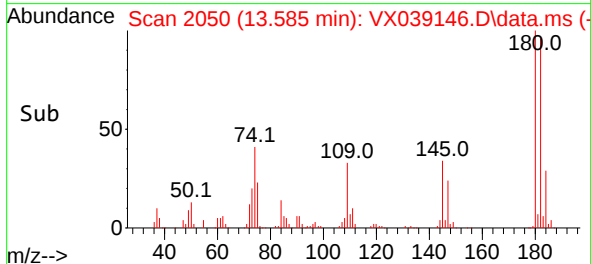
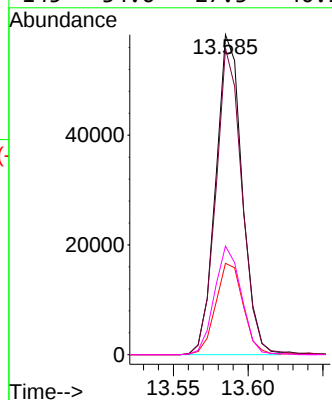
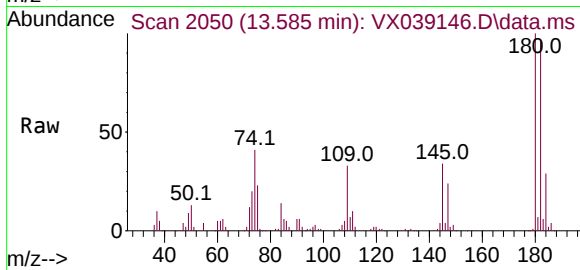
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

184 29.9 24.1 36.1

145 34.6 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 32.272 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039146.D

Acq: 11 Dec 2023 16:08

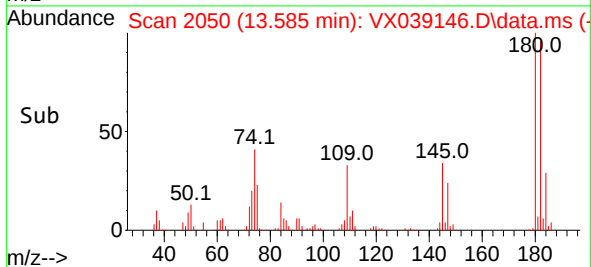
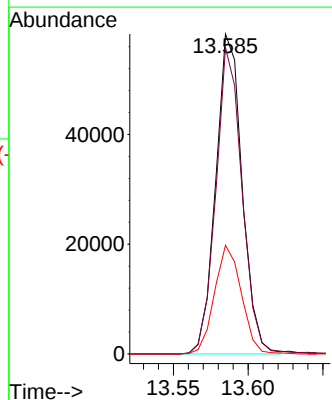
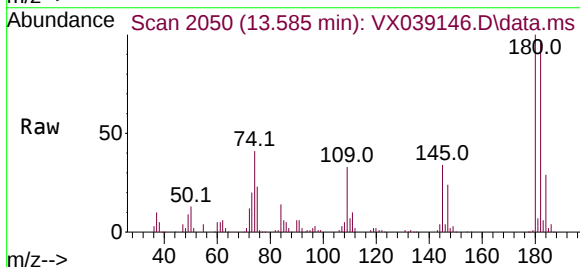
Tgt Ion:180 Resp: 71453

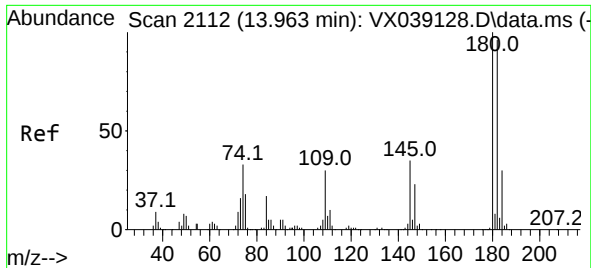
Ion Ratio Lower Upper

180 100

182 95.1 76.8 115.2

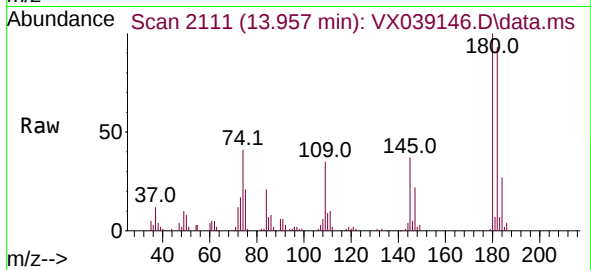
145 34.6 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 12.513 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX039146.D
 Acq: 11 Dec 2023 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS6DL



Tgt Ion:	180	Resp:	26825
Ion	Ratio	Lower	Upper
180	100		
182	99.2	75.9	113.9
145	37.6	28.6	42.8

