

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039135.D
 Acq On : 11 Dec 2023 11:56
 Operator : JC/MD
 Sample : 05646-20RE 40X
 Misc : 3.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COAT9

Quant Time: Dec 12 03:52:45 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)

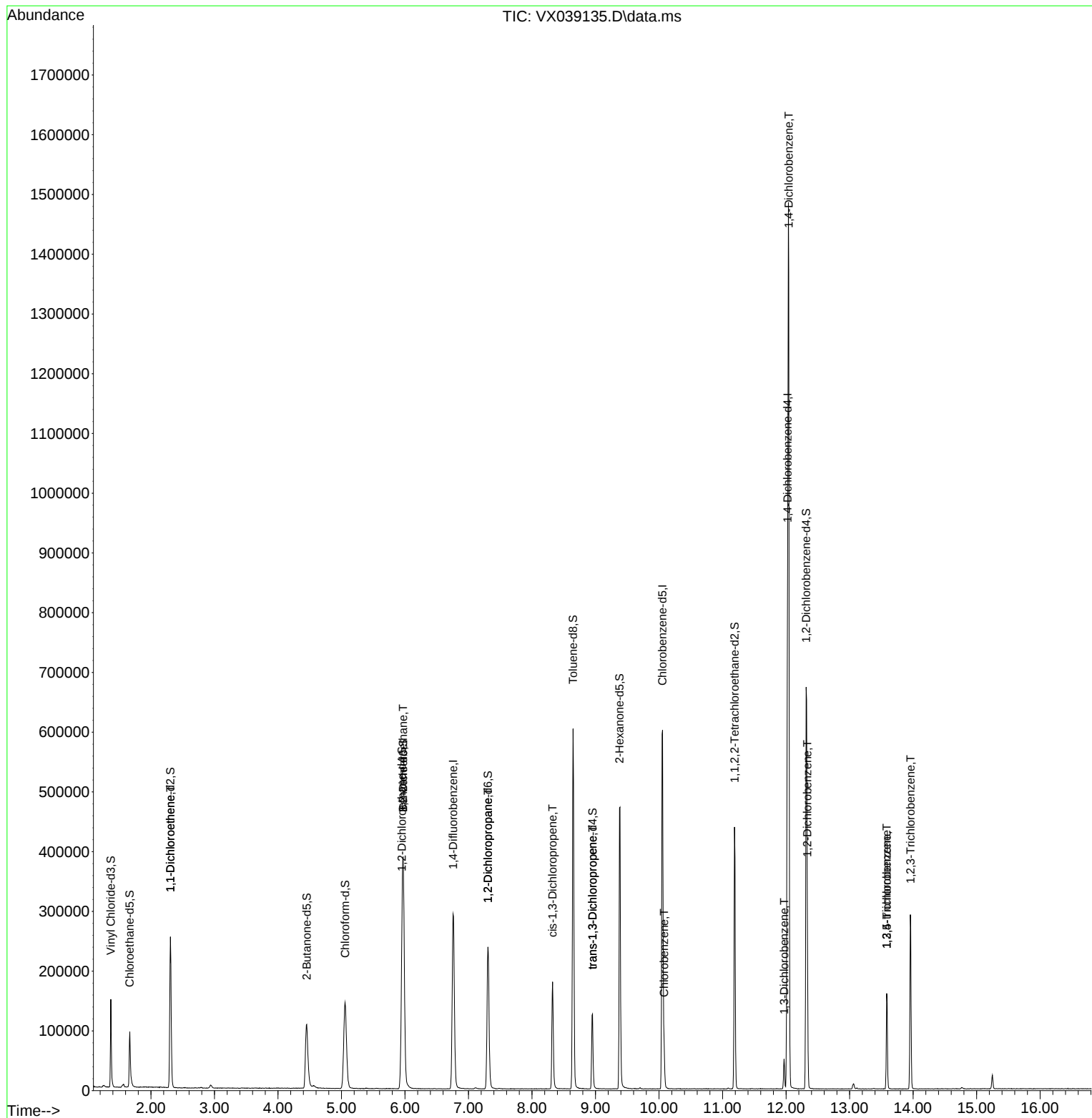
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	293983	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	267865	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	124309	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	92586	40.153	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.300%
7) Chloroethane-d5	1.666	69	69462	40.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.520%
11) 1,1-Dichloroethene-d2	2.307	65	45647	45.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.200%
21) 2-Butanone-d5	4.452	46	192133	92.051	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.050%
24) Chloroform-d	5.056	84	180521	44.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	5.952	65	125639	47.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
32) Benzene-d6	5.971	84	390284	47.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.420%
36) 1,2-Dichloropropane-d6	7.306	67	125005	46.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.980%
41) Toluene-d8	8.647	98	347193	46.344	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.680%
43) trans-1,3-Dichloroprop...	8.952	79	61247	45.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.480%
47) 2-Hexanone-d5	9.378	63	142638	89.766	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.770%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	172063	45.591	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.180%
66) 1,2-Dichlorobenzene-d4	12.317	152	116629	49.636	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.280%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.307	96	1151	0.608	ug/L #	1
27) 1,2-Dichloroethane	5.971	62	2475	0.797	ug/L	99
37) 1,2-Dichloropropane	7.306	63	14363	6.084	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	4214	1.119	ug/L #	77
44) trans-1,3-Dichloropropene	8.952	75	2912	0.833	ug/L	99
51) Chlorobenzene	10.080	112	27035	4.849	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	14177	3.646	ug/L	93
65) 1,4-Dichlorobenzene	12.043	146	414918	105.317	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	66028	17.754	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	33397	12.989	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	33397	13.778	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	60156	25.631	ug/L	99

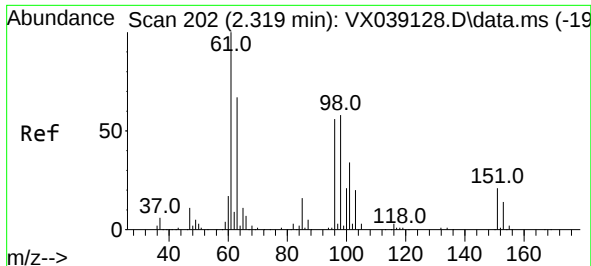
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.608 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039135.D

Acq: 11 Dec 2023 11:56

Instrument :

MSVOA_X

ClientSampleId :

C0AT9

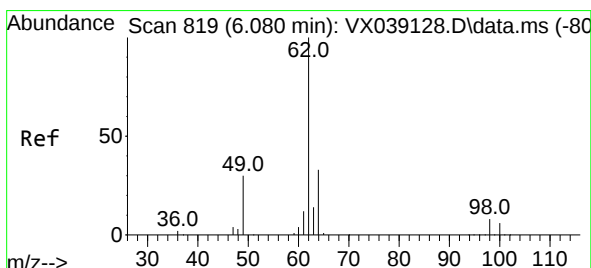
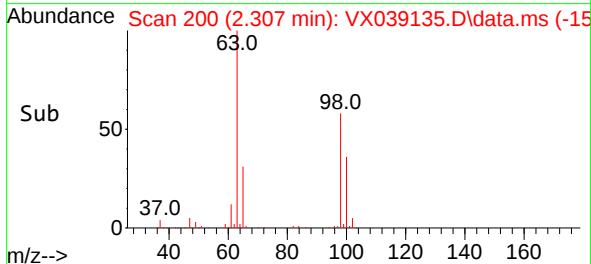
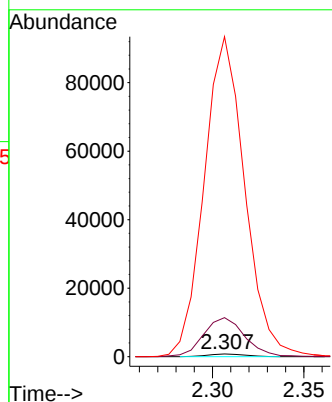
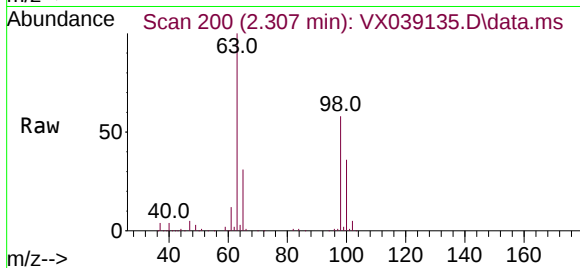
Tgt Ion: 96 Resp: 1151

Ion Ratio Lower Upper

96 100

61 1449.4 128.0 237.6#

63 11901.1 101.5 188.5#



#27

1,2-Dichloroethane

Concen: 0.797 ug/L

RT: 5.971 min Scan# 801

Delta R.T. -0.110 min

Lab File: VX039135.D

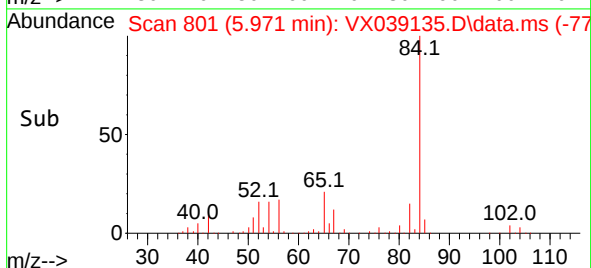
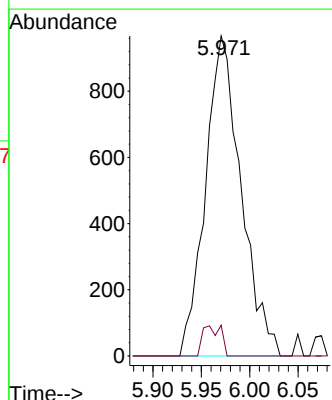
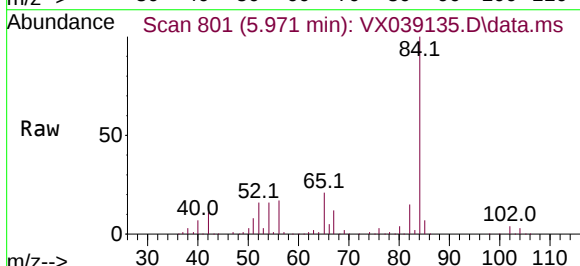
Acq: 11 Dec 2023 11:56

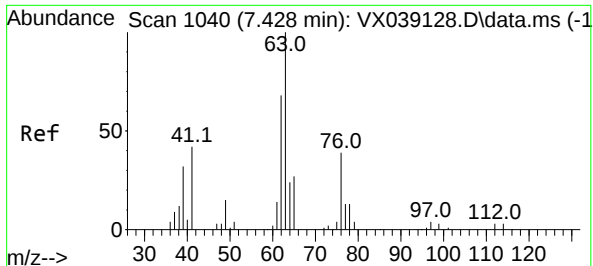
Tgt Ion: 62 Resp: 2475

Ion Ratio Lower Upper

62 100

98 9.6 8.0 12.0





#37

1,2-Dichloropropane

Concen: 6.084 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX039135.D

Acq: 11 Dec 2023 11:56

Instrument :

MSVOA_X

ClientSampleId :

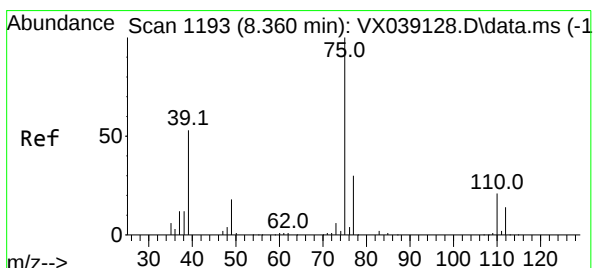
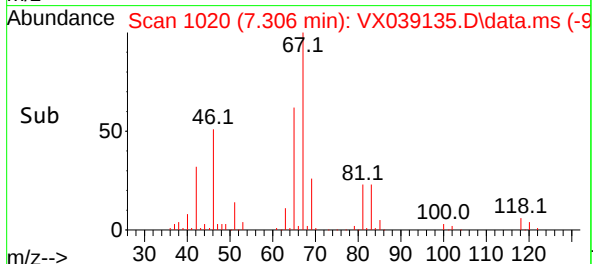
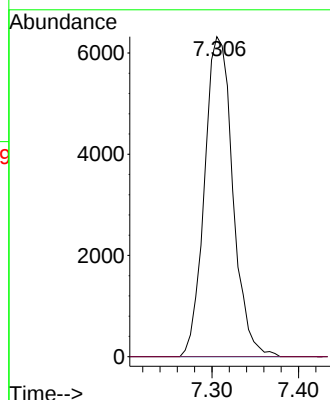
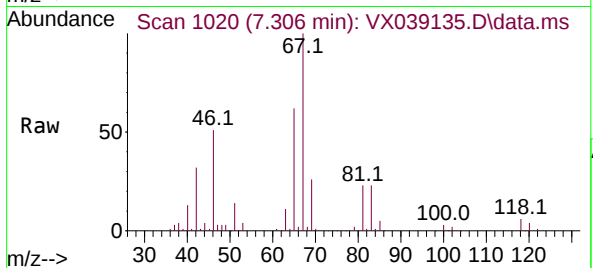
C0AT9

Tgt Ion: 63 Resp: 14363

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.119 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039135.D

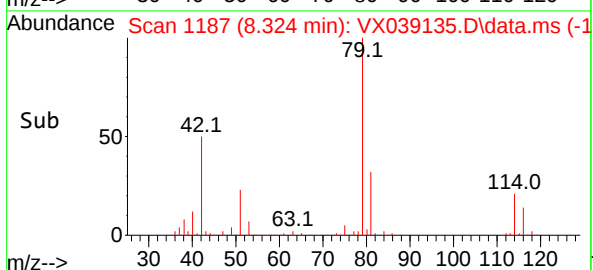
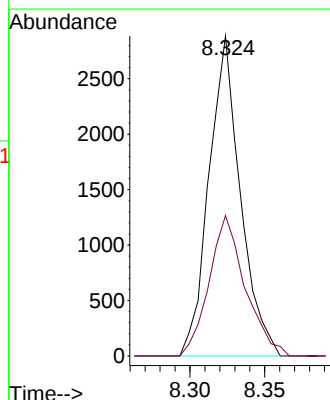
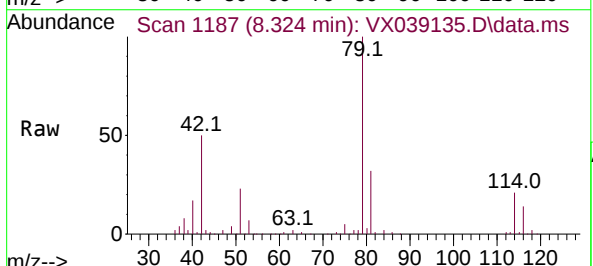
Acq: 11 Dec 2023 11:56

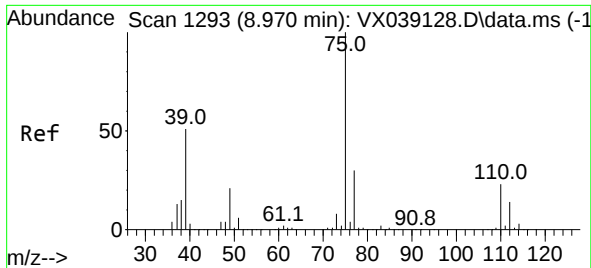
Tgt Ion: 75 Resp: 4214

Ion Ratio Lower Upper

75 100

77 43.9 22.0 40.8#

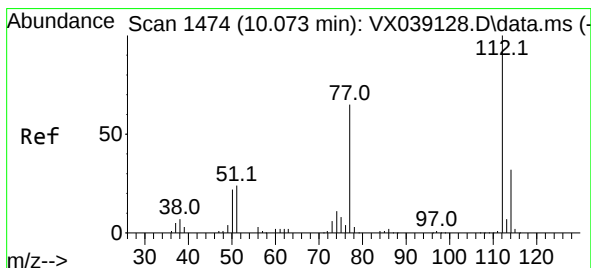
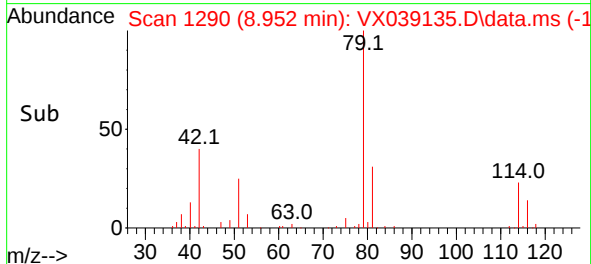
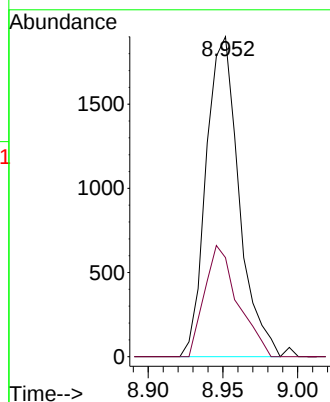
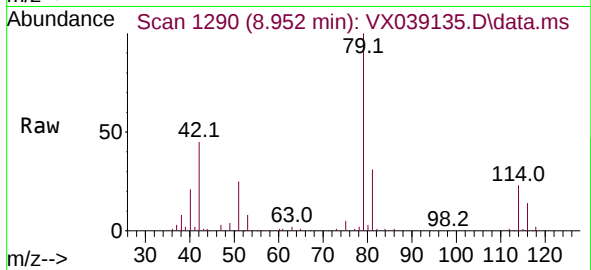




#44
trans-1,3-Dichloropropene
Concen: 0.833 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039135.D
Acq: 11 Dec 2023 11:56

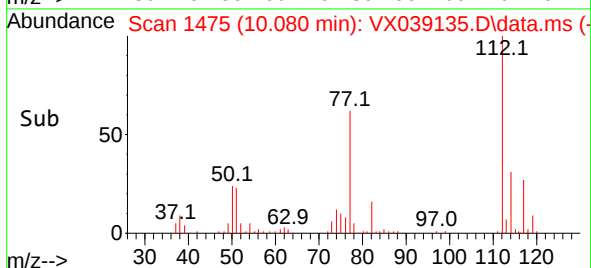
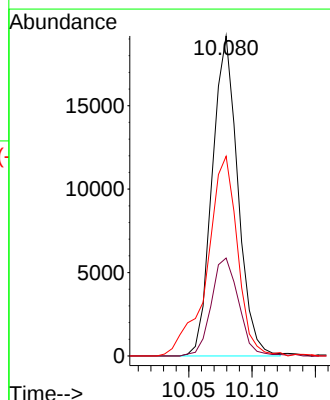
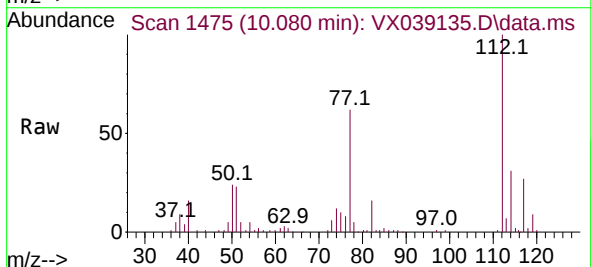
Instrument :
MSVOA_X
ClientSampleId :
C0AT9

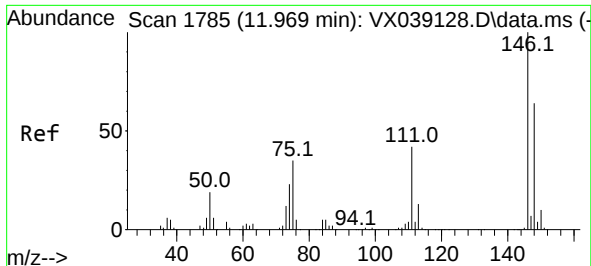
Tgt Ion: 75 Resp: 2912
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8



#51
Chlorobenzene
Concen: 4.849 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX039135.D
Acq: 11 Dec 2023 11:56

Tgt Ion: 112 Resp: 27035
Ion Ratio Lower Upper
112 100
114 30.6 21.8 40.4
77 62.4 49.0 73.6

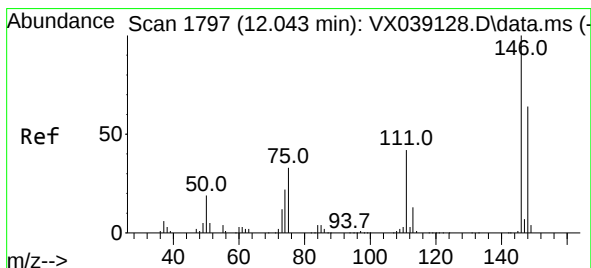
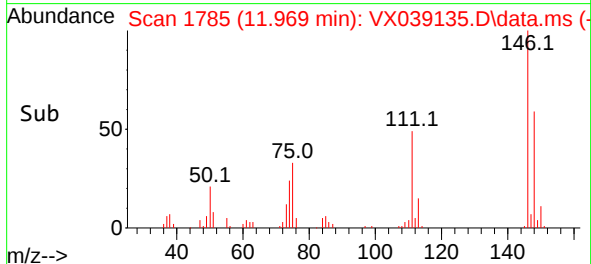
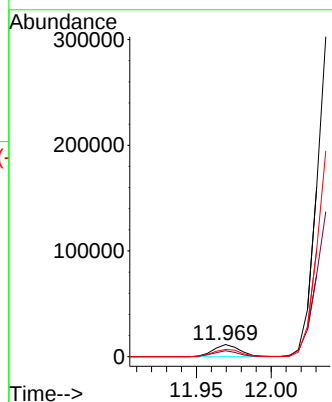
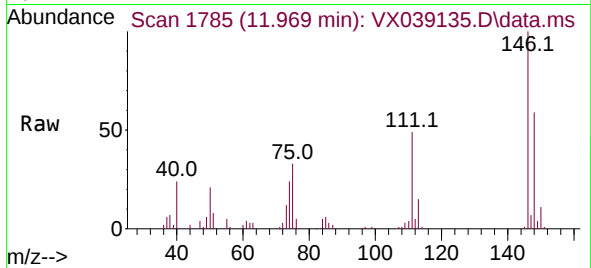




#64
1,3-Dichlorobenzene
Concen: 3.646 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039135.D
Acq: 11 Dec 2023 11:56

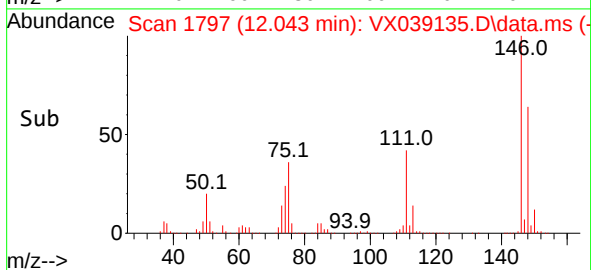
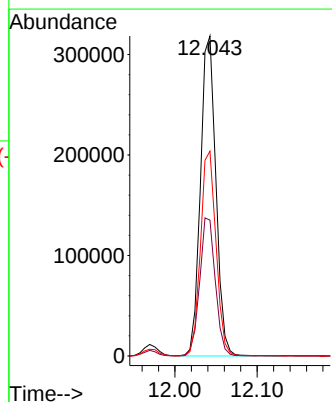
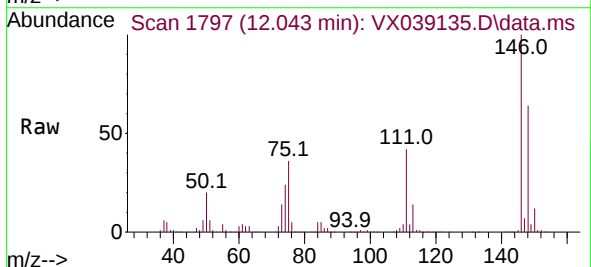
Instrument :
MSVOA_X
ClientSampleId :
C0AT9

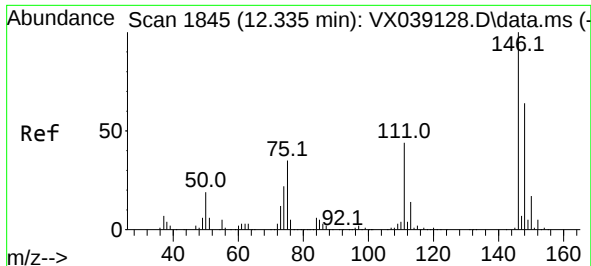
Tgt Ion:146 Resp: 14177
Ion Ratio Lower Upper
146 100
111 48.8 30.0 55.6
148 58.9 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 105.317 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039135.D
Acq: 11 Dec 2023 11:56

Tgt Ion:146 Resp: 414918
Ion Ratio Lower Upper
146 100
111 42.5 29.7 55.1
148 64.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 17.754 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039135.D

Acq: 11 Dec 2023 11:56

Instrument :

MSVOA_X

ClientSampleId :

C0AT9

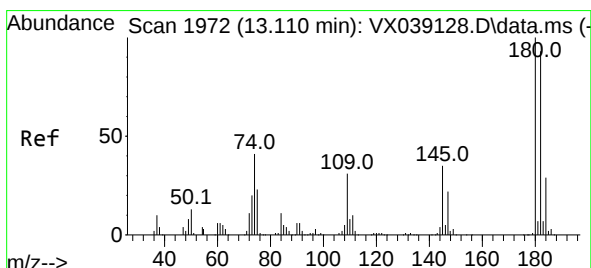
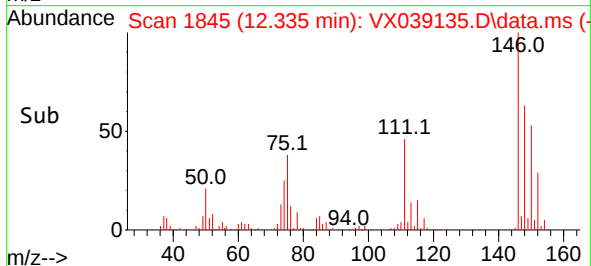
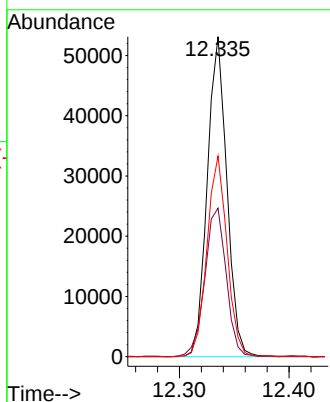
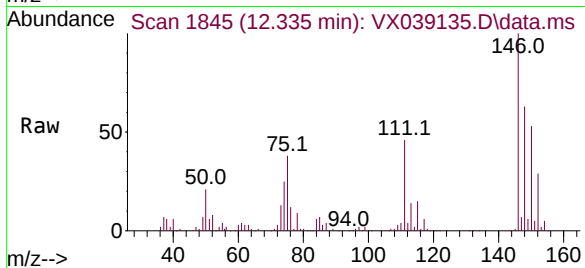
Tgt Ion:146 Resp: 66028

Ion Ratio Lower Upper

146 100

111 46.4 36.4 54.6

148 62.7 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 12.989 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.475 min

Lab File: VX039135.D

Acq: 11 Dec 2023 11:56

Tgt Ion:180 Resp: 33397

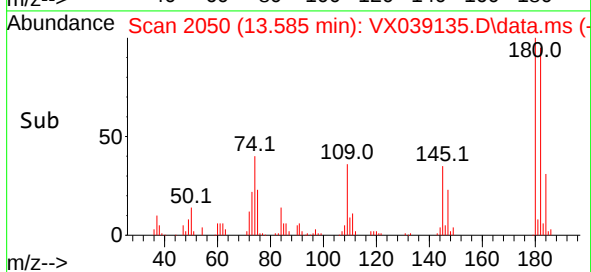
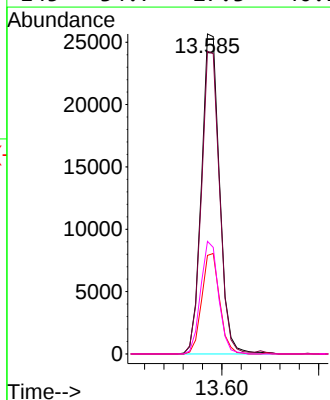
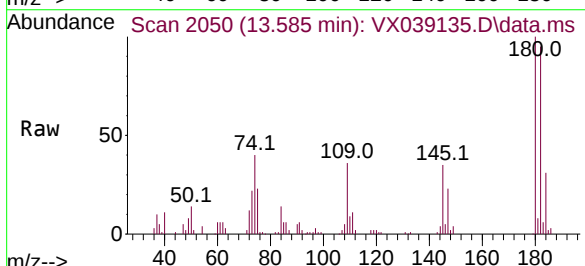
Ion Ratio Lower Upper

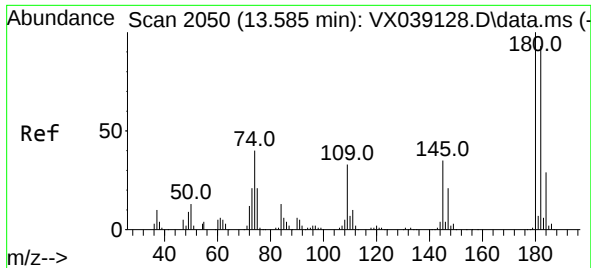
180 100

182 94.7 76.1 114.1

184 31.0 24.1 36.1

145 34.7 27.3 40.9

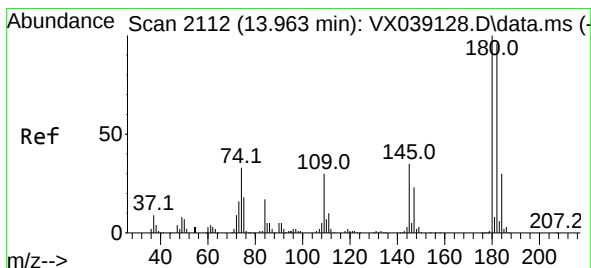
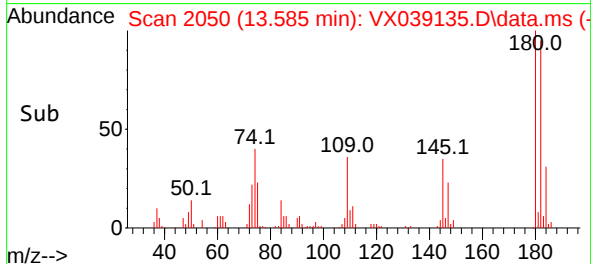
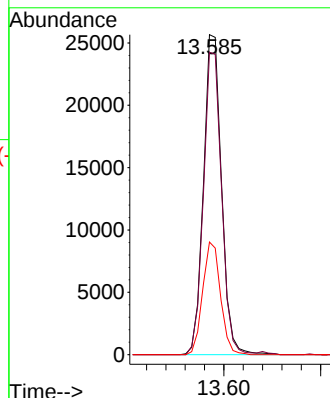
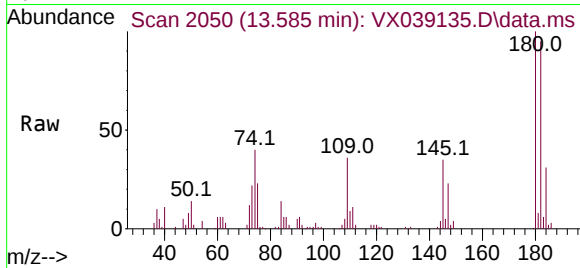




#70
1,2,4-trichlorobenzene
Concen: 13.778 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039135.D
Acq: 11 Dec 2023 11:56

Instrument :
MSVOA_X
ClientSampleId :
C0AT9

Tgt Ion:180 Resp: 33397
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 34.7 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 25.631 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039135.D
Acq: 11 Dec 2023 11:56

Tgt Ion:180 Resp: 60156
Ion Ratio Lower Upper
180 100
182 94.2 75.9 113.9
145 36.9 28.6 42.8

