

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039142.D
 Acq On : 11 Dec 2023 14:36
 Operator : JC/MD
 Sample : 05646-15DL 400X
 Misc : 1.75g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS2DL

Quant Time: Dec 12 03:54:28 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)

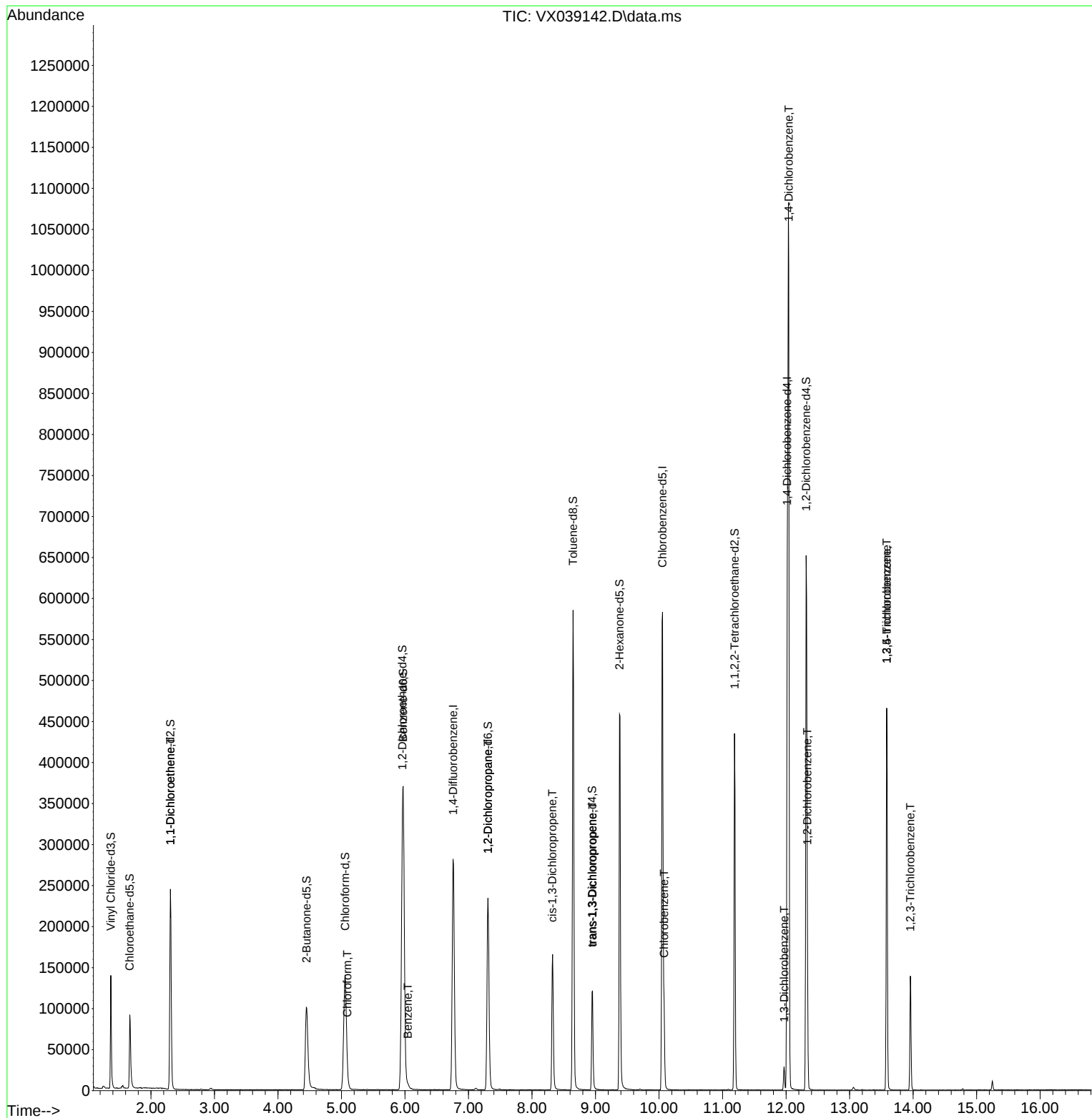
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	276850	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	250068	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	119772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88482	40.748	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.500%
7) Chloroethane-d5	1.666	69	66185	41.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.480%
11) 1,1-Dichloroethene-d2	2.306	65	44737	46.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.860%
21) 2-Butanone-d5	4.446	46	182128	92.658	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.660%
24) Chloroform-d	5.056	84	175840	45.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.480%
26) 1,2-Dichloroethane-d4	5.958	65	120675	48.474	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
32) Benzene-d6	5.970	84	370569	48.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	7.306	67	119101	47.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.900%
41) Toluene-d8	8.647	98	330909	47.314	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
43) trans-1,3-Dichloroprop...	8.945	79	57469	45.469	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.940%
47) 2-Hexanone-d5	9.378	63	133778	90.182	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	166311	47.203	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.317	152	113162	49.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1043	0.585	ug/L #	1
25) Chloroform	5.093	83	5665	1.529	ug/L	91
33) Benzene	6.044	78	5807	0.731	ug/L	100
37) 1,2-Dichloropropane	7.306	63	13577	6.160	ug/L #	89
39) cis-1,3-Dichloropropene	8.318	75	4155	1.182	ug/L #	76
44) trans-1,3-Dichloropropene	8.952	75	3083	0.945	ug/L #	81
51) Chlorobenzene	10.079	112	39136	7.518	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	8100	2.162	ug/L	88
65) 1,4-Dichlorobenzene	12.043	146	290535	76.539	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	47978	13.389	ug/L	100
69) 1,3,5-Trichlorobenzene	13.585	180	96551	38.974	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	96551	41.342	ug/L	98
72) 1,2,3-Trichlorobenzene	13.957	180	28146	12.447	ug/L	97

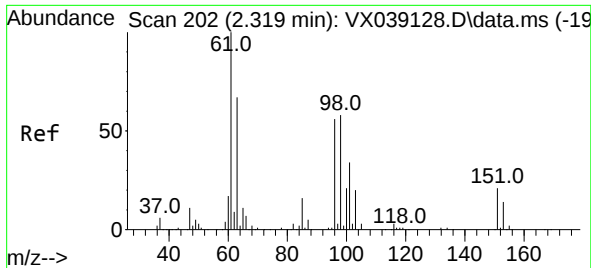
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.585 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039142.D

Acq: 11 Dec 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

C0AS2DL

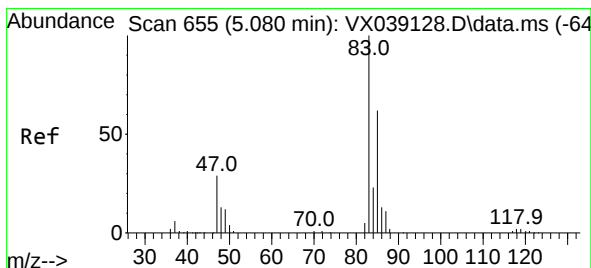
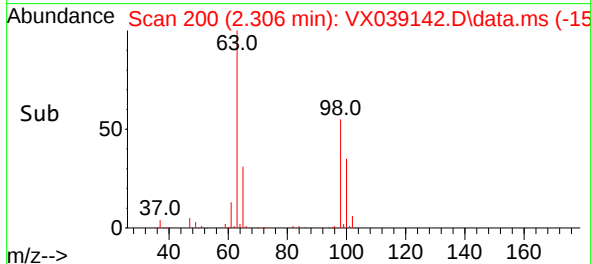
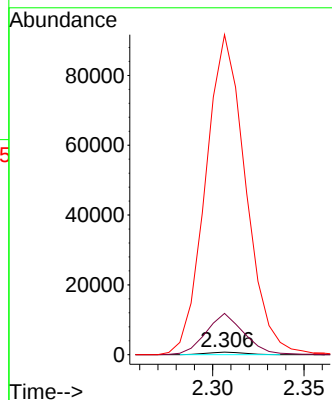
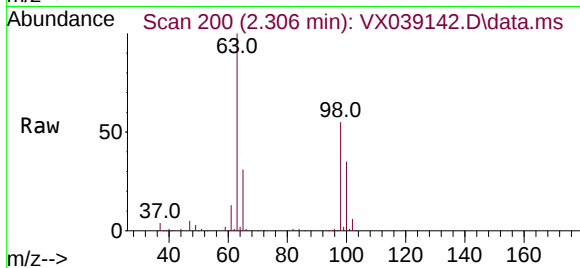
Tgt Ion: 96 Resp: 1043

Ion Ratio Lower Upper

96 100

61 1630.5 128.0 237.6#

63 12644.4 101.5 188.5#



#25

Chloroform

Concen: 1.529 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.012 min

Lab File: VX039142.D

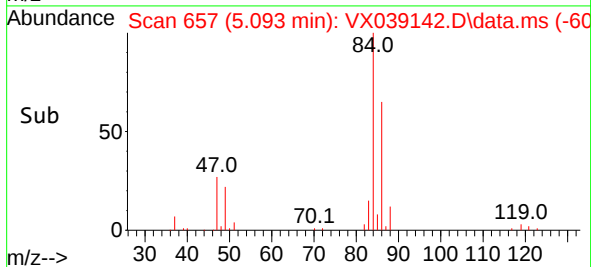
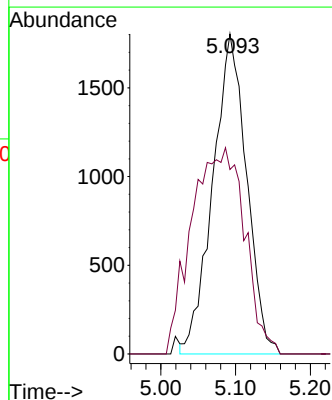
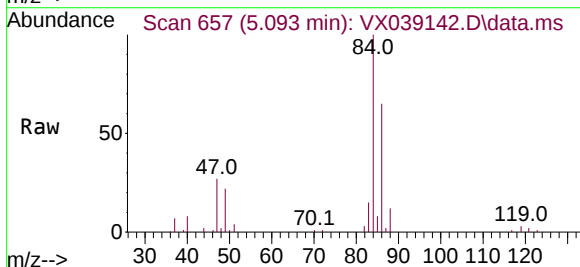
Acq: 11 Dec 2023 14:36

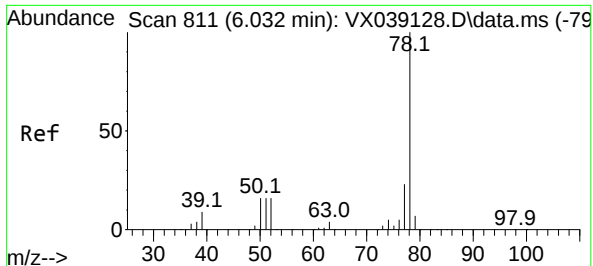
Tgt Ion: 83 Resp: 5665

Ion Ratio Lower Upper

83 100

85 57.6 45.1 83.7

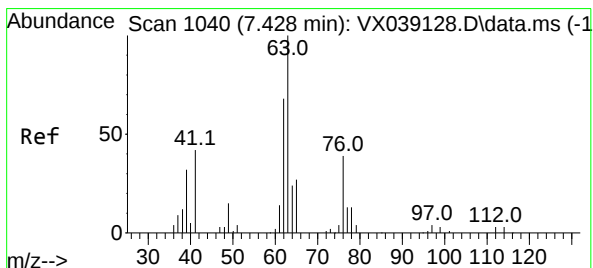
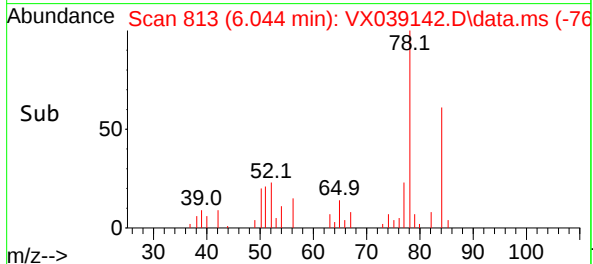
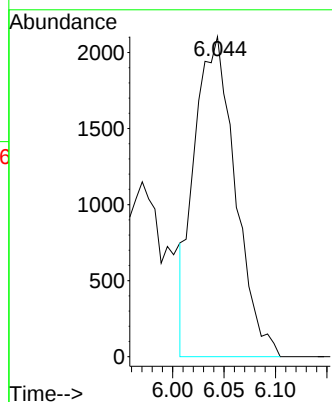
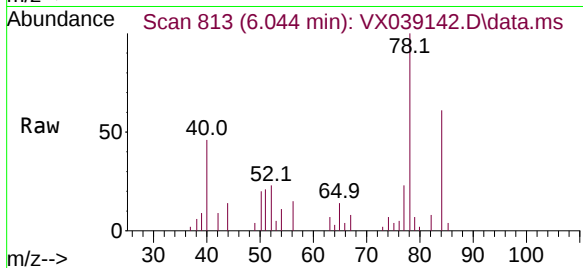




#33
Benzene
Concen: 0.731 ug/L
RT: 6.044 min Scan# 811
Delta R.T. 0.012 min
Lab File: VX039142.D
Acq: 11 Dec 2023 14:36

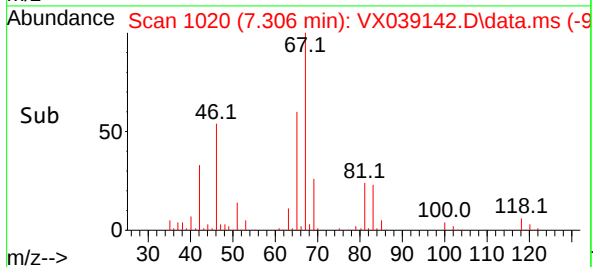
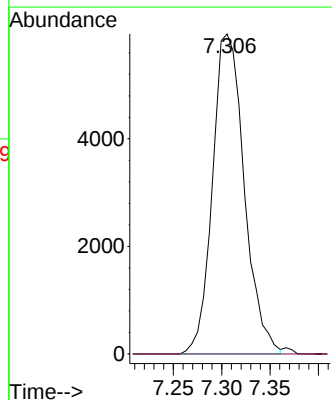
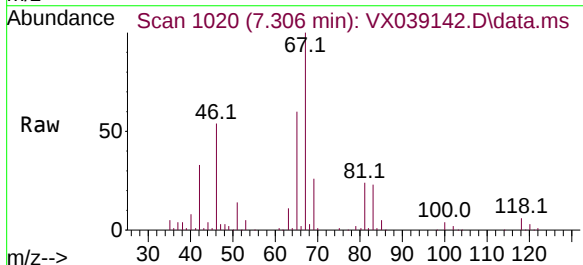
Instrument :
MSVOA_X
ClientSampleId :
C0AS2DL

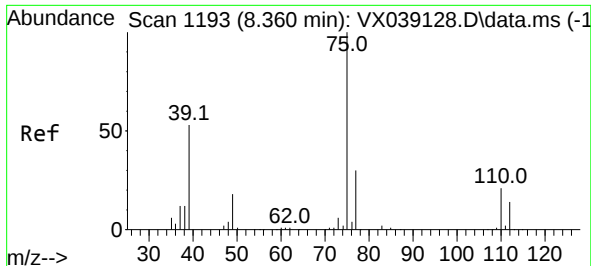
Tgt Ion: 78 Resp: 5807



#37
1,2-Dichloropropane
Concen: 6.160 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039142.D
Acq: 11 Dec 2023 14:36

Tgt Ion: 63 Resp: 13577
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.182 ug/L

RT: 8.318 min Scan# 1186

Delta R.T. -0.043 min

Lab File: VX039142.D

Acq: 11 Dec 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

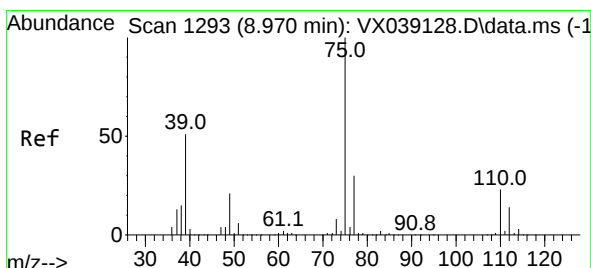
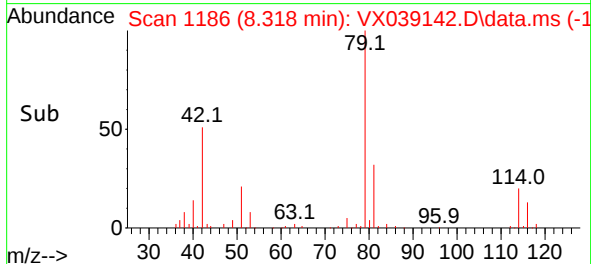
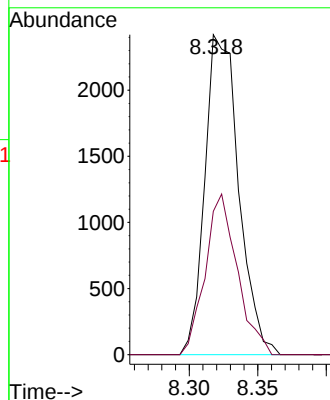
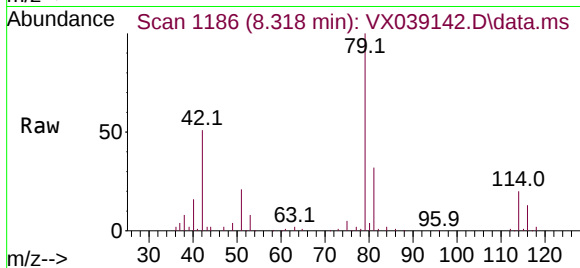
C0AS2DL

Tgt Ion: 75 Resp: 4155

Ion Ratio Lower Upper

75 100

77 44.8 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039142.D

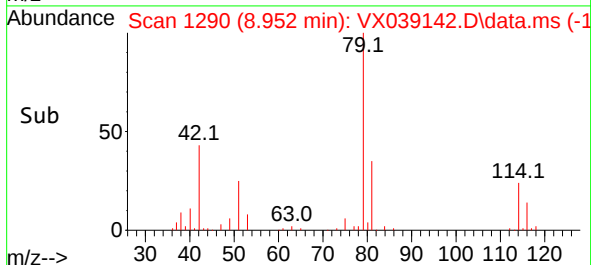
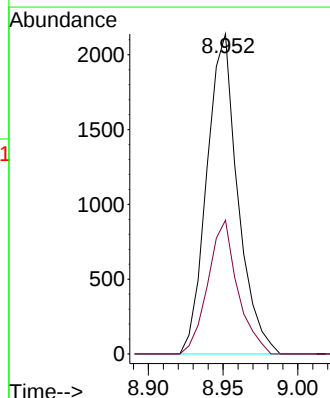
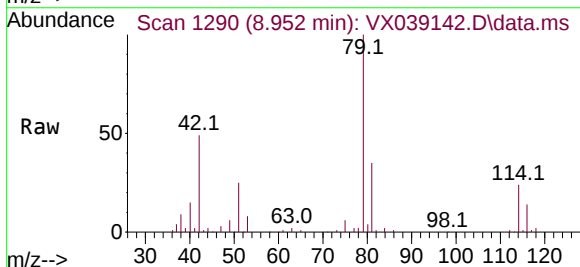
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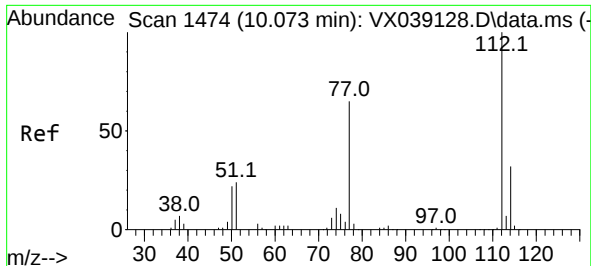
Tgt Ion: 75 Resp: 3083

Ion Ratio Lower Upper

75 100

77 41.8 22.0 40.8#

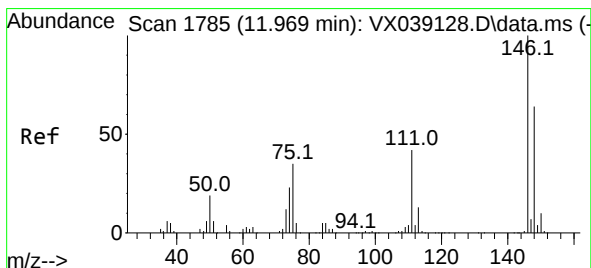
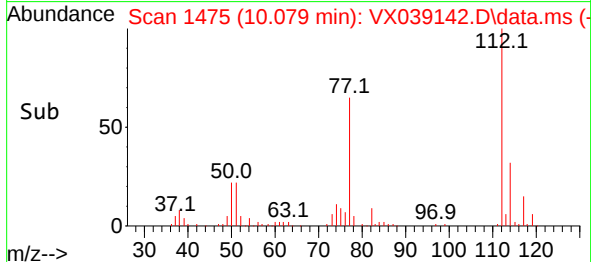
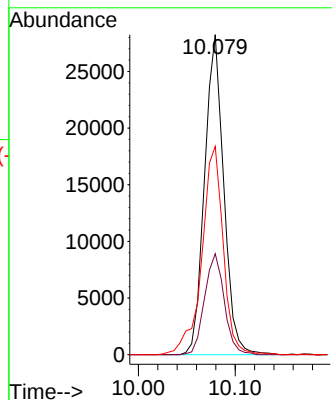
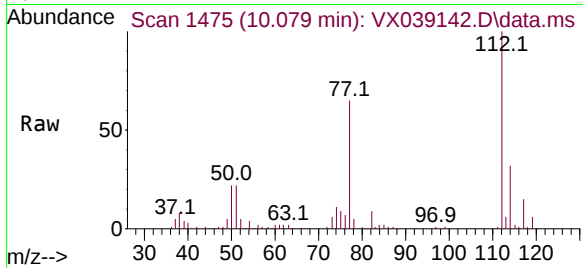




#51
Chlorobenzene
Concen: 7.518 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039142.D
Acq: 11 Dec 2023 14:36

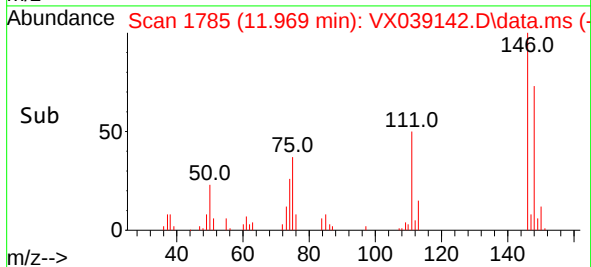
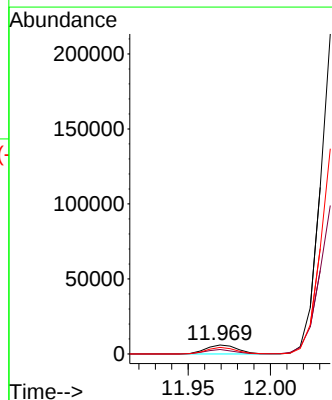
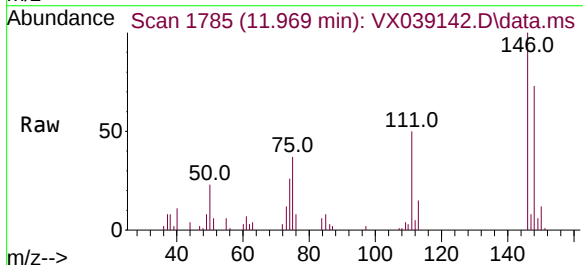
Instrument :
MSVOA_X
ClientSampleId :
C0AS2DL

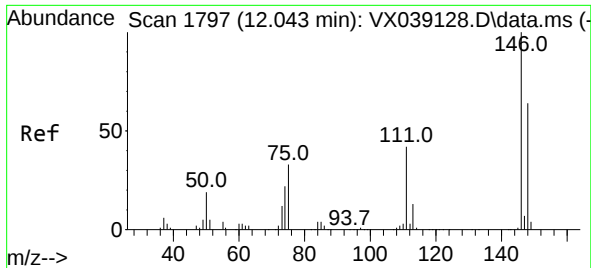
Tgt Ion:112 Resp: 39136
Ion Ratio Lower Upper
112 100
114 31.5 21.8 40.4
77 65.1 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 2.162 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039142.D
Acq: 11 Dec 2023 14:36

Tgt Ion:146 Resp: 8100
Ion Ratio Lower Upper
146 100
111 50.4 30.0 55.6
148 72.7 44.2 82.0

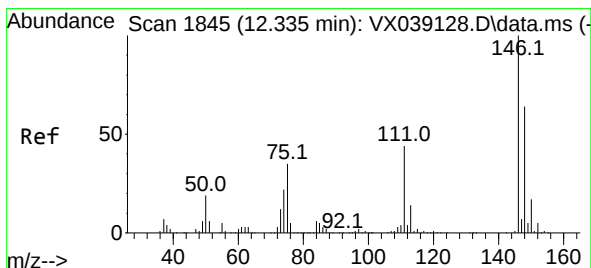
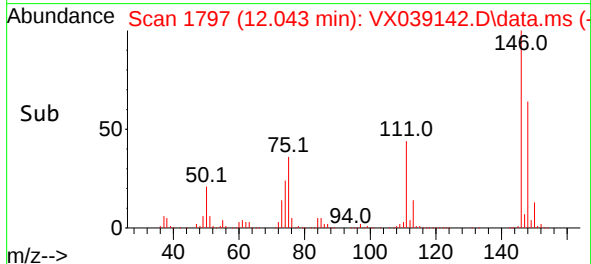
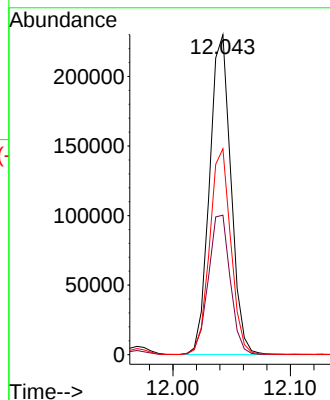
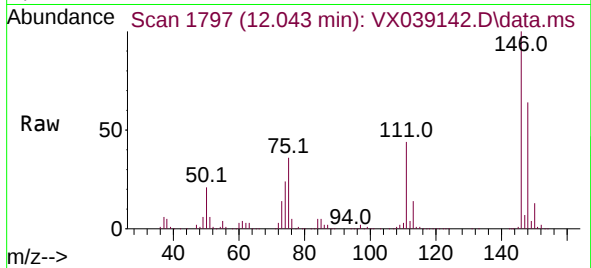




#65
1,4-Dichlorobenzene
Concen: 76.539 ug/L
RT: 12.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039142.D
Acq: 11 Dec 2023 14:36

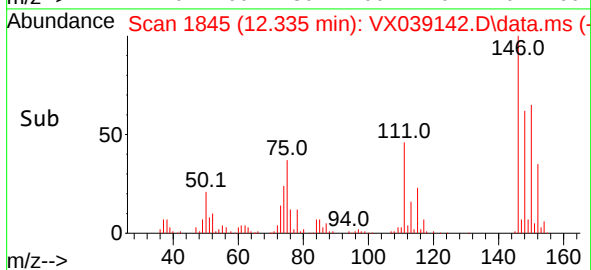
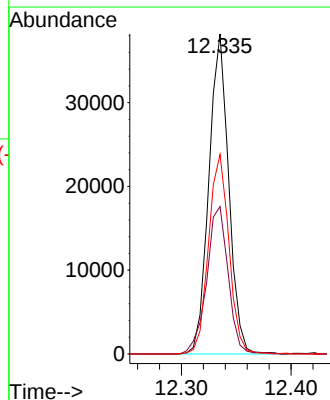
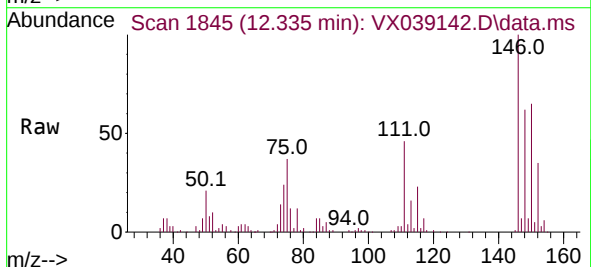
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MSVOA_X
ClientSampleId :
C0AS2DL

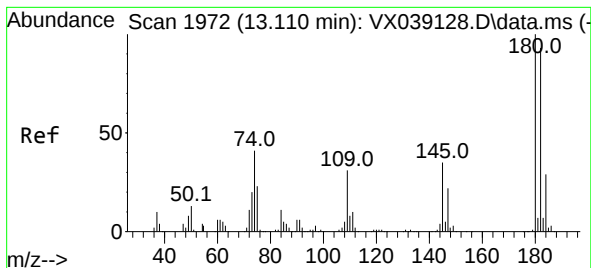
Tgt Ion:146 Resp: 290535
Ion Ratio Lower Upper
146 100
111 43.6 29.7 55.1
148 64.4 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 13.389 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039142.D
Acq: 11 Dec 2023 14:36

Tgt Ion:146 Resp: 47978
Ion Ratio Lower Upper
146 100
111 46.1 36.4 54.6
148 62.3 50.0 75.0





#69

1,3,5-Trichlorobenzene

Concen: 38.974 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.475 min

Lab File: VX039142.D

Acq: 11 Dec 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

C0AS2DL

Tgt Ion:180 Resp: 96551

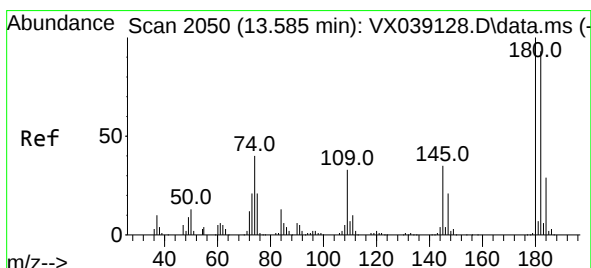
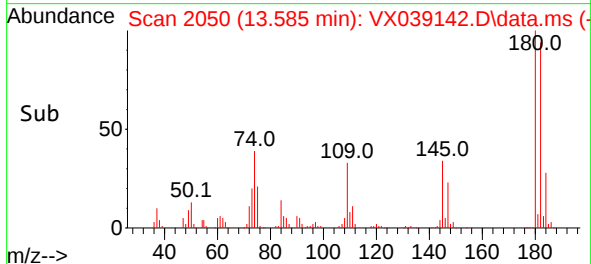
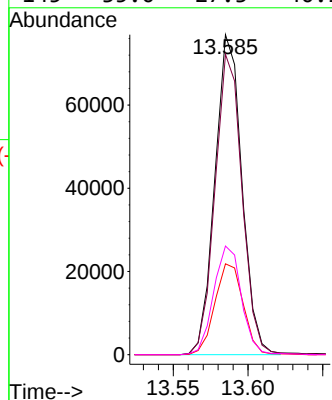
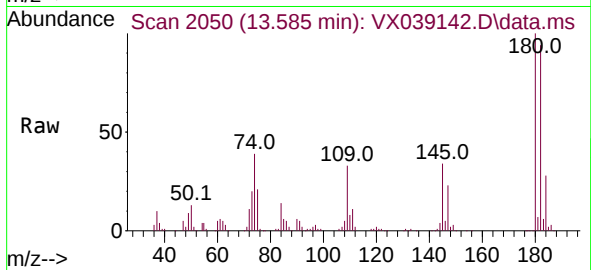
Ion Ratio Lower Upper

180 100

182 94.2 76.1 114.1

184 29.8 24.1 36.1

145 35.0 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 41.342 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039142.D

Acq: 11 Dec 2023 14:36

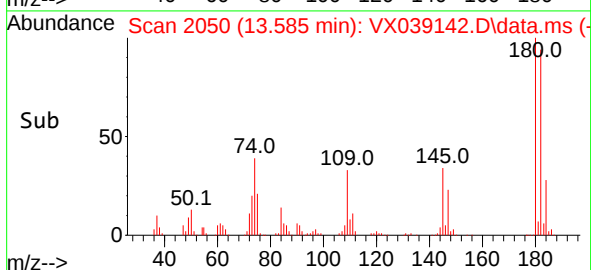
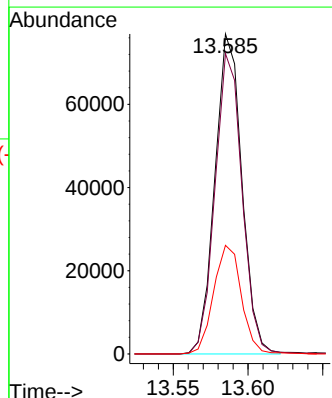
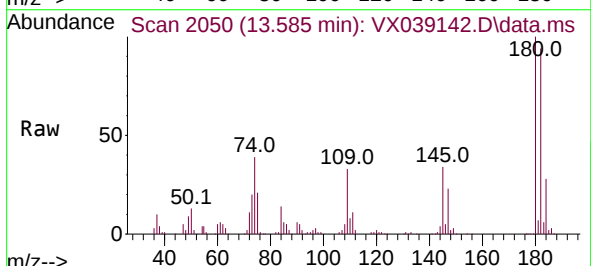
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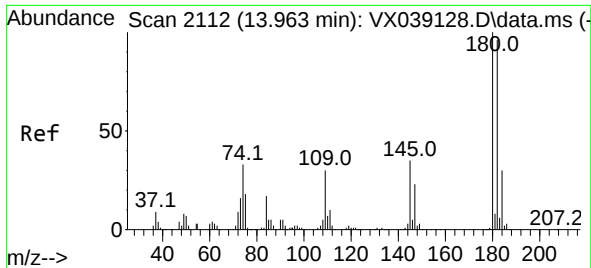
Ion Ratio Lower Upper

180 100

182 94.2 76.8 115.2

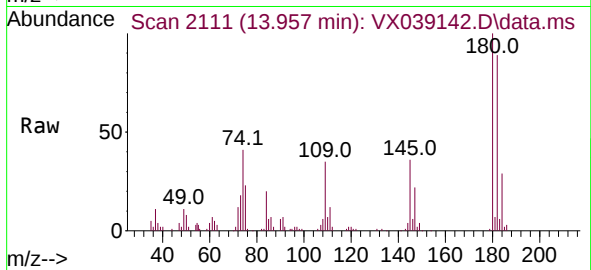
145 35.0 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 12.447 ug/L
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX039142.D
 Acq: 11 Dec 2023 14:36

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS2DL



Tgt Ion:180 Resp: 28146
 Ion Ratio Lower Upper
 180 100
 182 92.2 75.9 113.9
 145 36.9 28.6 42.8

