

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039147.D
 Acq On : 11 Dec 2023 16:31
 Operator : JC/MD
 Sample : 05752-01 100X
 Misc : 4.22g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS9

Quant Time: Dec 12 03:55:47 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)

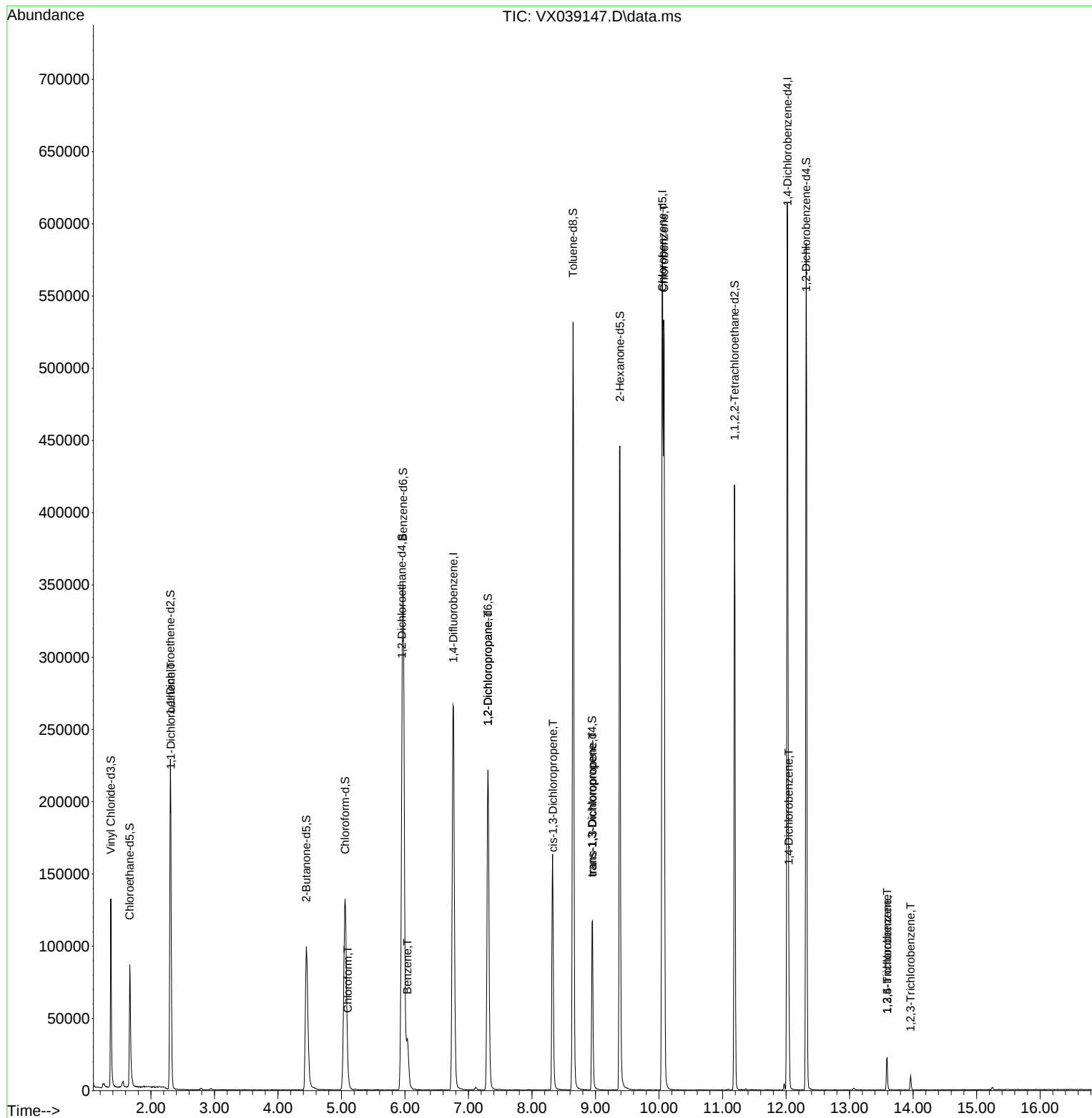
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	268497	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245038	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	115070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82516	39.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.360%
7) Chloroethane-d5	1.666	69	61044	39.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.440%
11) 1,1-Dichloroethene-d2	2.306	65	41672	45.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.160%
21) 2-Butanone-d5	4.446	46	177241	92.977	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.980%
24) Chloroform-d	5.056	84	164890	44.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.460%
26) 1,2-Dichloroethane-d4	5.952	65	116924	48.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.860%
32) Benzene-d6	5.970	84	351390	46.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
36) 1,2-Dichloropropane-d6	7.306	67	114571	47.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	8.647	98	311801	45.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.945	79	55877	45.117	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.240%
47) 2-Hexanone-d5	9.384	63	129753	89.264	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.260%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	160364	46.449	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.900%
66) 1,2-Dichlorobenzene-d4	12.317	152	108650	49.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.900%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.313	96	941	0.544	ug/L #	1
25) Chloroform	5.099	83	8027	2.233	ug/L	91
33) Benzene	6.037	78	39428	5.063	ug/L	100
37) 1,2-Dichloropropane	7.306	63	13043	6.039	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	3997	1.160	ug/L #	77
44) trans-1,3-Dichloropropene	8.952	75	2715	0.849	ug/L	90
51) Chlorobenzene	10.079	112	216117	42.370	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	31305	8.584	ug/L	93
69) 1,3,5-Trichlorobenzene	13.591	180	5363	2.253	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	5363	2.390	ug/L	94
72) 1,2,3-Trichlorobenzene	13.963	180	2310	1.063	ug/L	95

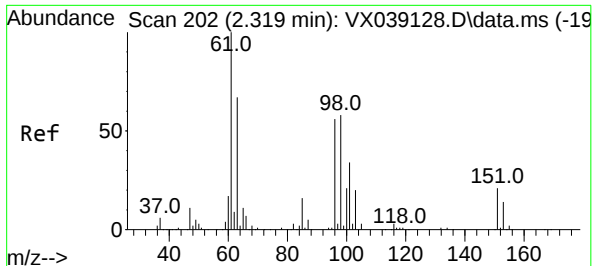
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.544 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX039147.D

Acq: 11 Dec 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

C0AS9

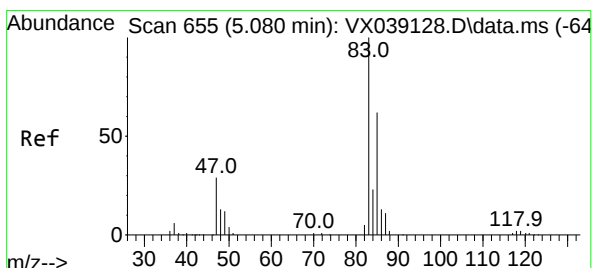
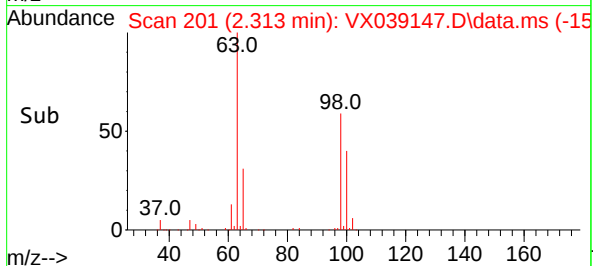
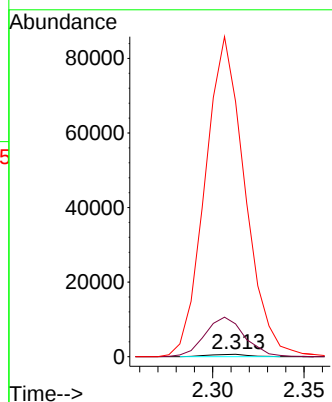
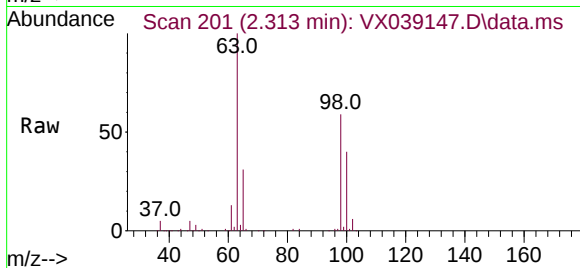
Tgt Ion: 96 Resp: 941

Ion Ratio Lower Upper

96 100

61 1402.7 128.0 237.6#

63 10896.8 101.5 188.5#



#25

Chloroform

Concen: 2.233 ug/L

RT: 5.099 min Scan# 658

Delta R.T. 0.018 min

Lab File: VX039147.D

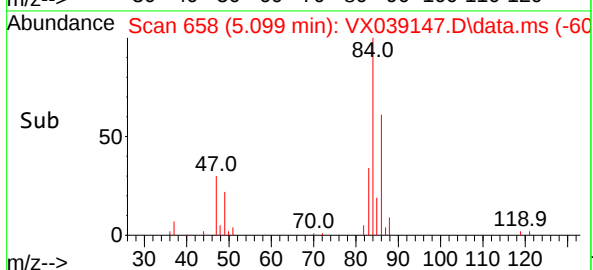
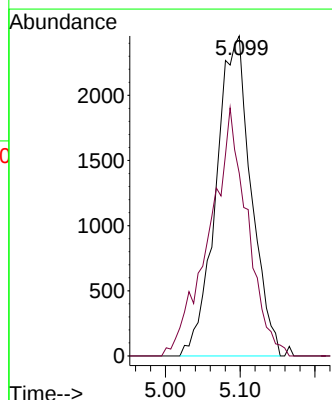
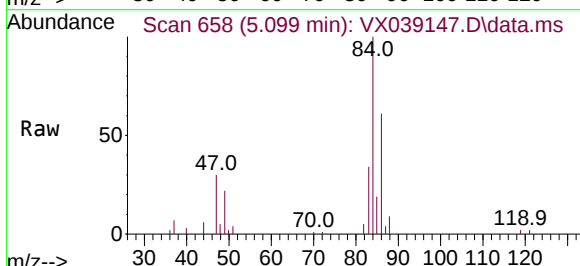
Acq: 11 Dec 2023 16:31

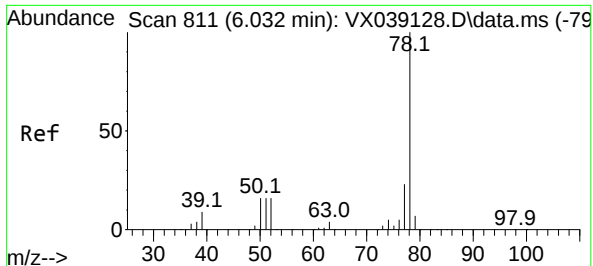
Tgt Ion: 83 Resp: 8027

Ion Ratio Lower Upper

83 100

85 57.1 45.1 83.7

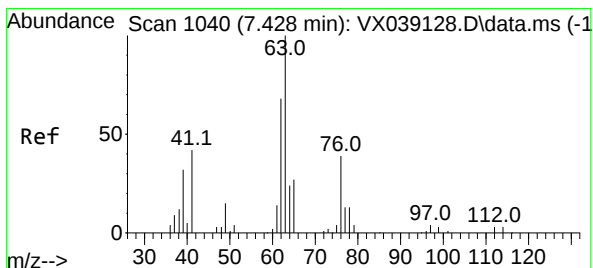
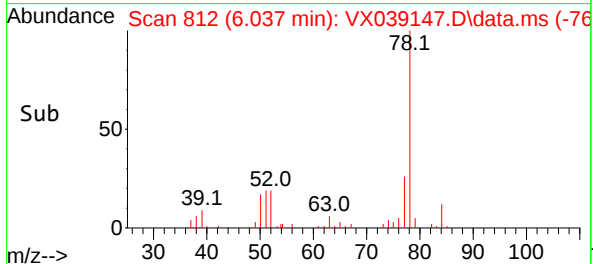
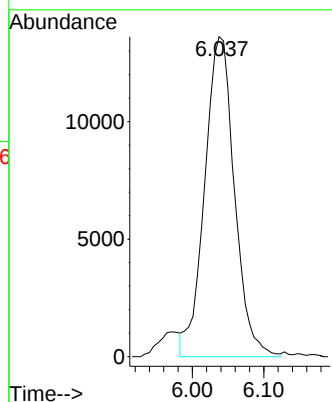
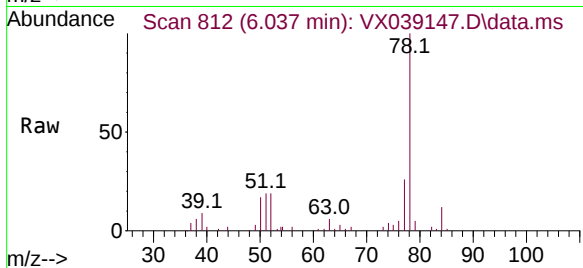




#33
Benzene
Concen: 5.063 ug/L
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX039147.D
Acq: 11 Dec 2023 16:31

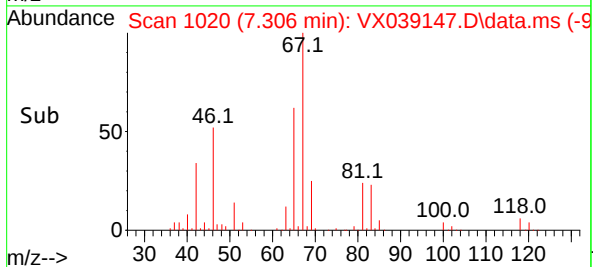
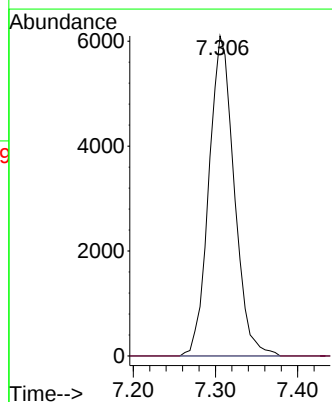
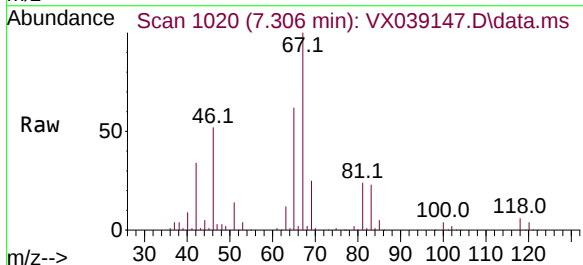
Instrument :
MSVOA_X
ClientSampleId :
C0AS9

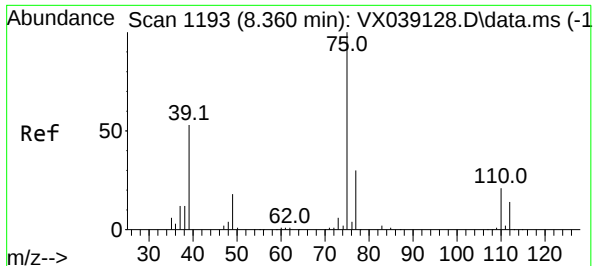
Tgt Ion: 78 Resp: 39428



#37
1,2-Dichloropropane
Concen: 6.039 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039147.D
Acq: 11 Dec 2023 16:31

Tgt Ion: 63 Resp: 13043
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.160 ug/L

RT: 8.330 min Scan# 1193

Delta R.T. -0.031 min

Lab File: VX039147.D

Acq: 11 Dec 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

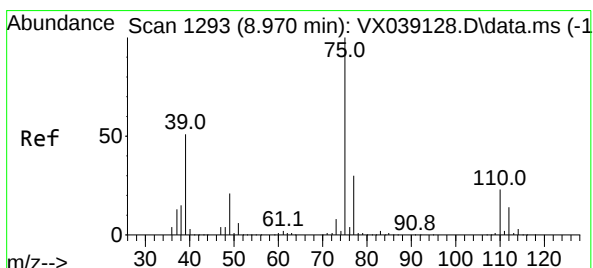
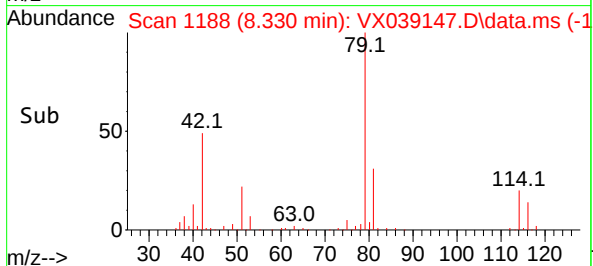
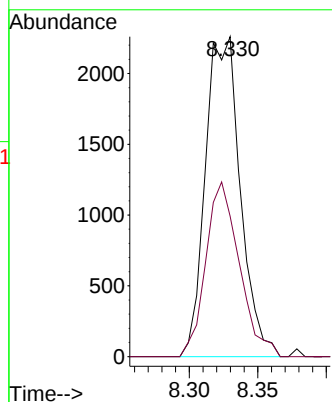
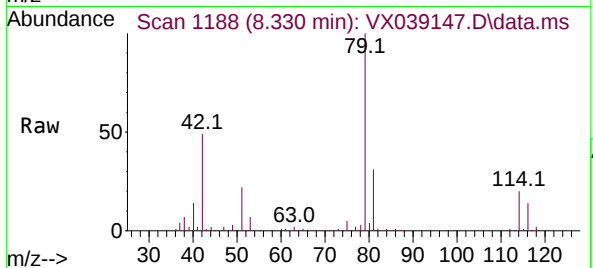
C0AS9

Tgt Ion: 75 Resp: 3997

Ion Ratio Lower Upper

75 100

77 43.9 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.849 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039147.D

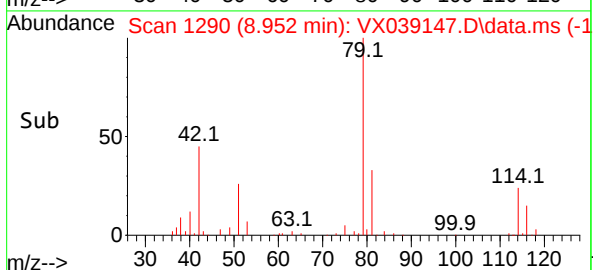
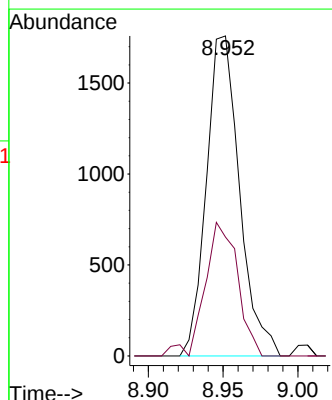
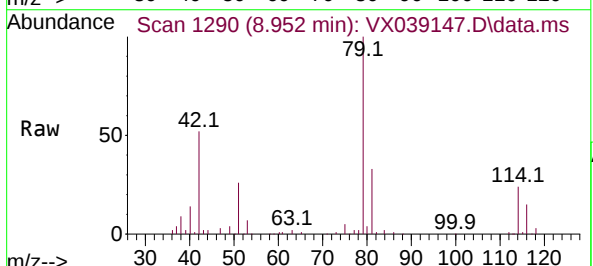
Acq: 11 Dec 2023 16:31

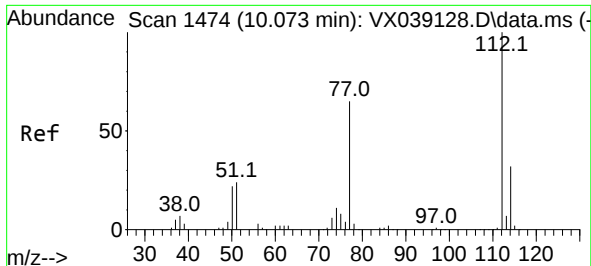
Tgt Ion: 75 Resp: 2715

Ion Ratio Lower Upper

75 100

77 37.1 22.0 40.8

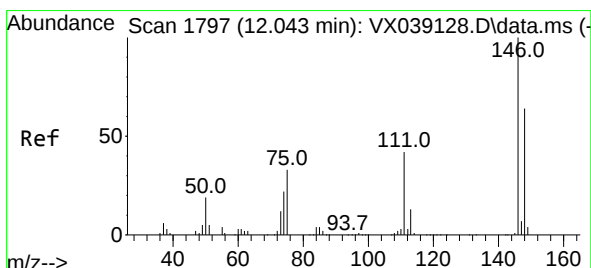
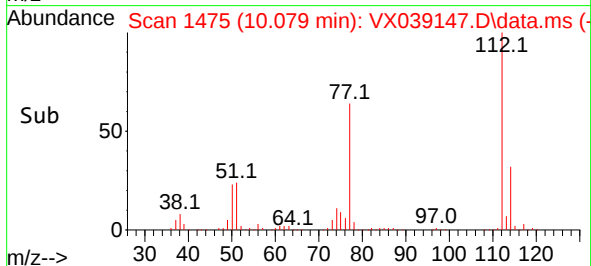
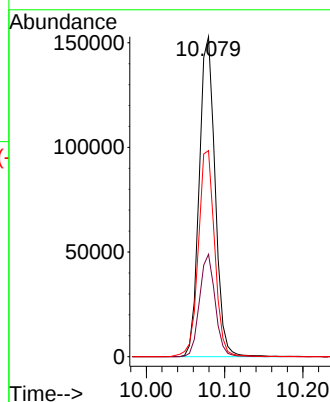
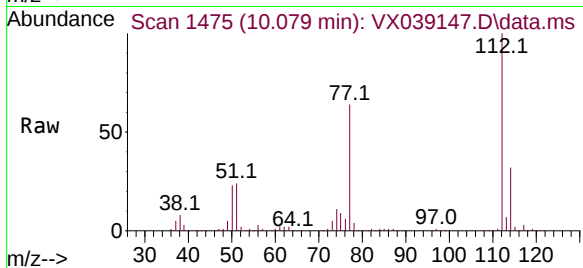




#51
Chlorobenzene
Concen: 42.370 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039147.D
Acq: 11 Dec 2023 16:31

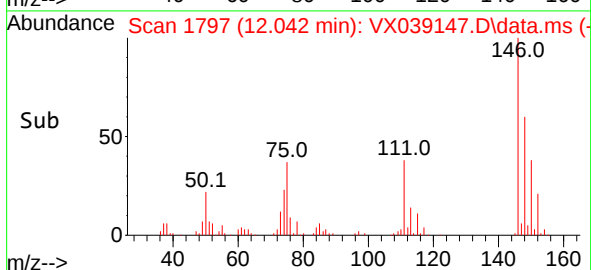
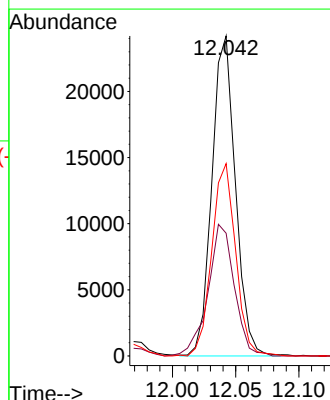
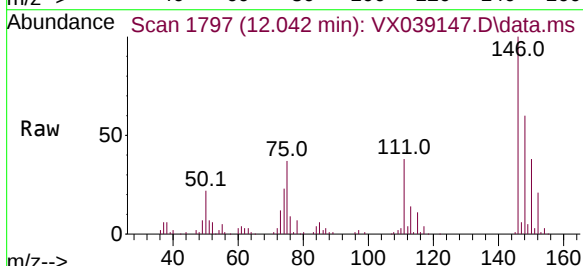
Instrument :
MSVOA_X
ClientSampleId :
C0AS9

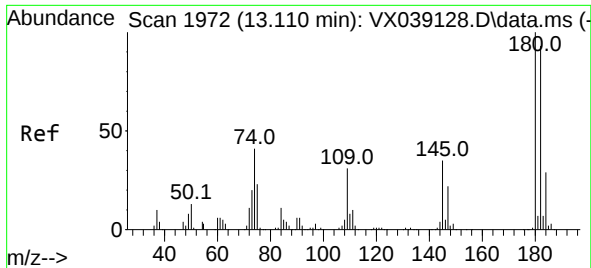
Tgt Ion:112 Resp: 216117
Ion Ratio Lower Upper
112 100
114 32.0 21.8 40.4
77 64.4 49.0 73.6



#65
1,4-Dichlorobenzene
Concen: 8.584 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039147.D
Acq: 11 Dec 2023 16:31

Tgt Ion:146 Resp: 31305
Ion Ratio Lower Upper
146 100
111 38.4 29.7 55.1
148 60.1 45.8 85.2





#69

1,3,5-Trichlorobenzene

Concen: 2.253 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.481 min

Lab File: VX039147.D

Acq: 11 Dec 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

C0AS9

Tgt Ion:180 Resp: 5363

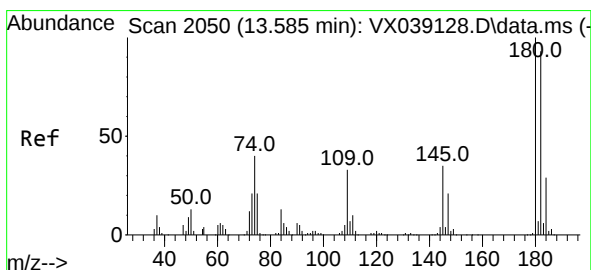
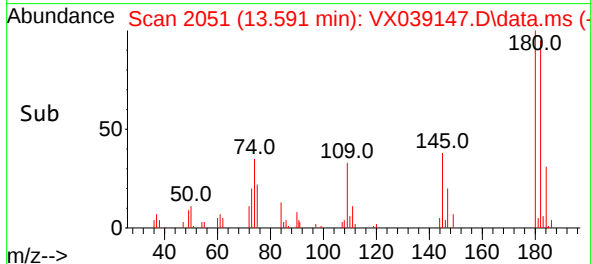
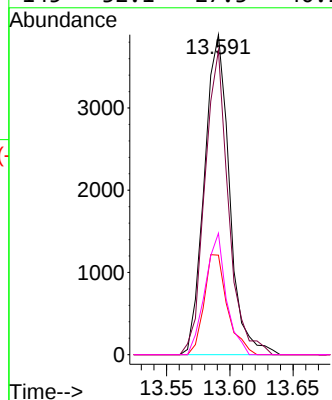
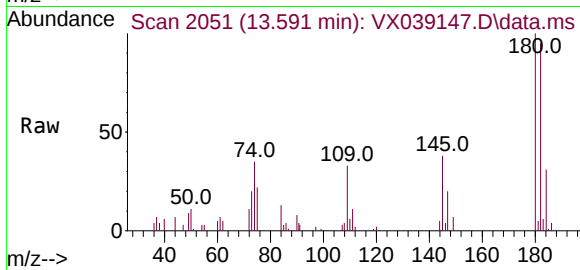
Ion Ratio Lower Upper

180 100

182 89.7 76.1 114.1

184 29.1 24.1 36.1

145 32.1 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 2.390 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039147.D

Acq: 11 Dec 2023 16:31

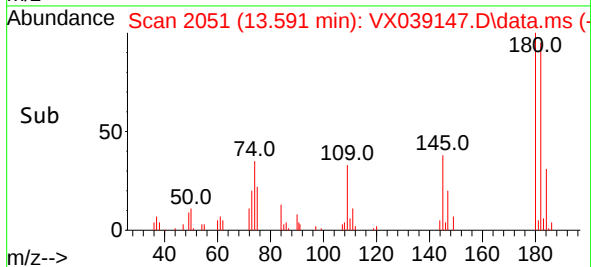
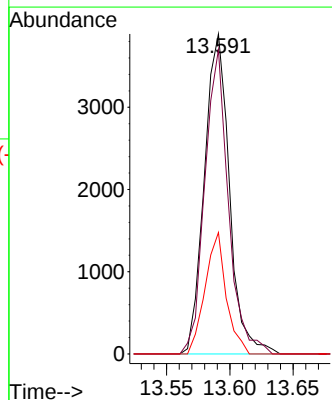
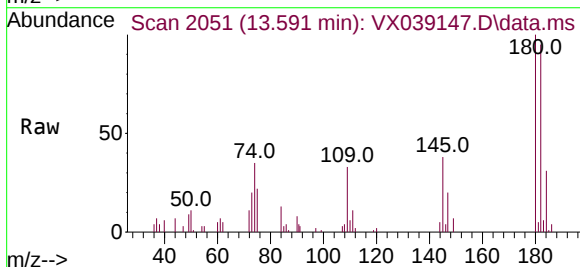
Tgt Ion:180 Resp: 5363

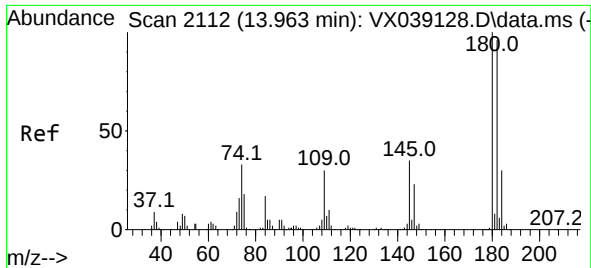
Ion Ratio Lower Upper

180 100

182 89.7 76.8 115.2

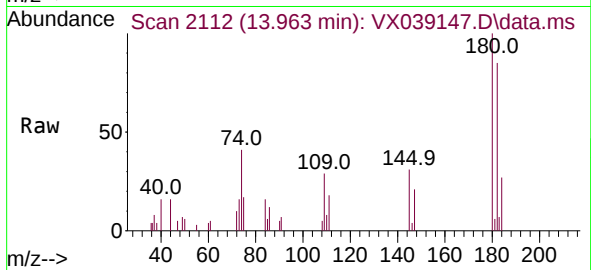
145 32.1 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 1.063 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX039147.D
 Acq: 11 Dec 2023 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS9



Tgt Ion:	180	Resp:	2310
Ion	Ratio	Lower	Upper
180	100		
182	89.2	75.9	113.9
145	37.4	28.6	42.8

