

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039401.D
 Acq On : 20 Dec 2023 15:05
 Operator : JC/MD
 Sample : 05835-19DL 100X
 Misc : 4.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:26:13 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)

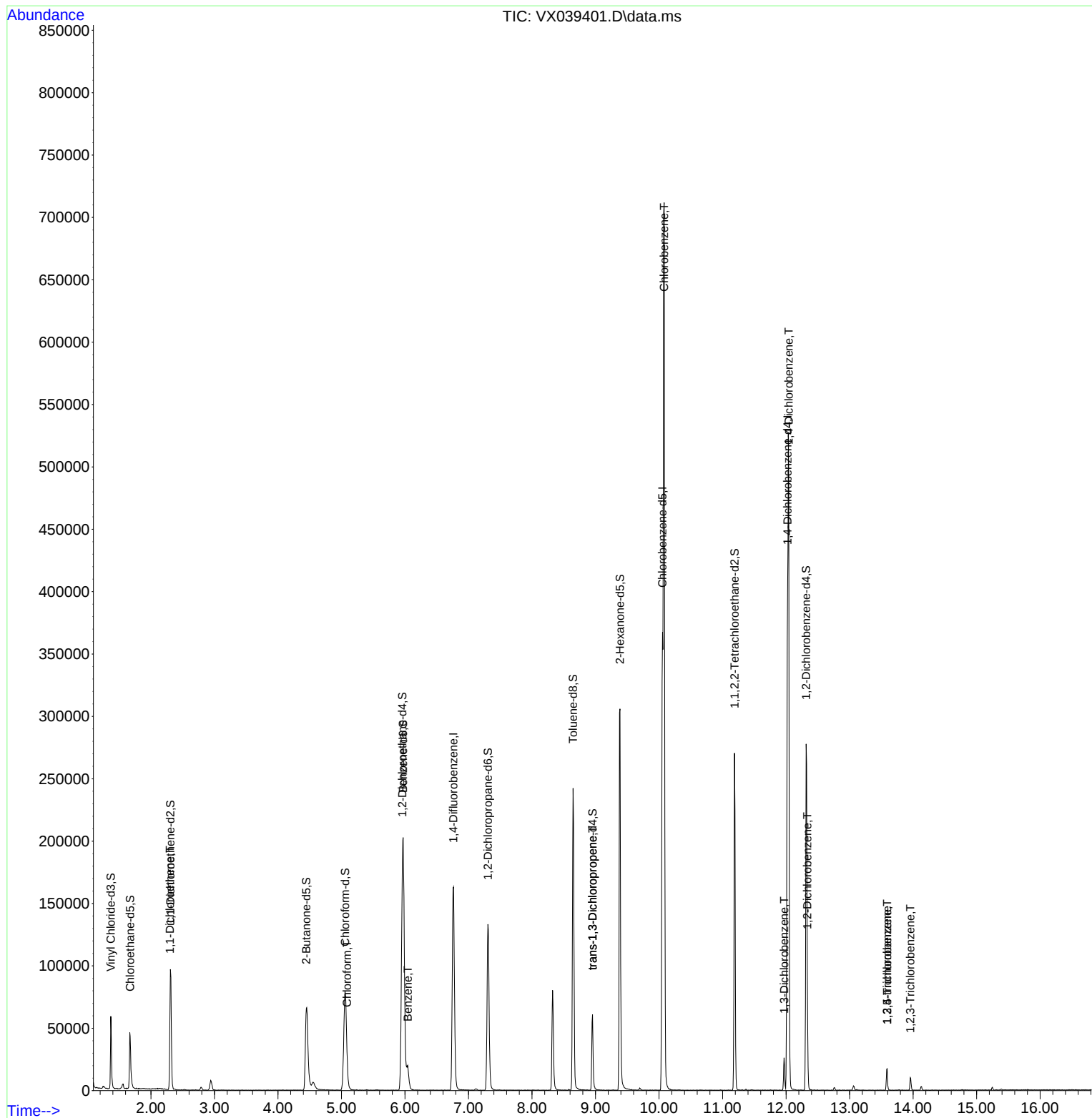
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159487	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	142812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	39184	31.324	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.640%		
7) Chloroethane-d5	1.672	69	35686	38.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.200%		
11) 1,1-Dichloroethene-d2	2.306	65	17973	32.731	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.460%		
21) 2-Butanone-d5	4.446	46	122150	107.874	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.870%		
24) Chloroform-d	5.056	84	98046	44.276	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.560%		
26) 1,2-Dichloroethane-d4	5.958	65	78258	54.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.140%		
32) Benzene-d6	5.970	84	185569	42.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	7.305	67	68077	47.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.000%		
41) Toluene-d8	8.647	98	141421	35.407	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.820%#		
43) trans-1,3-Dichloroprop...	8.952	79	27729	38.416	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.840%		
47) 2-Hexanone-d5	9.384	63	87397	103.163	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.160%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101544	50.466	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.940%		
66) 1,2-Dichlorobenzene-d4	12.317	152	50494	42.080	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.160%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.300	96	563	0.548	ug/L	# 1
25) Chloroform	5.086	83	3654	1.711	ug/L	93
33) Benzene	6.044	78	21667	4.774	ug/L	100
44) trans-1,3-Dichloropropene	8.952	75	1368	0.734	ug/L	96
51) Chlorobenzene	10.079	112	292926	98.537	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	7296	3.675	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	138228	68.703	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	15180	7.993	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	3974	3.027	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	3974	3.210	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	2451	2.045	ug/L	95

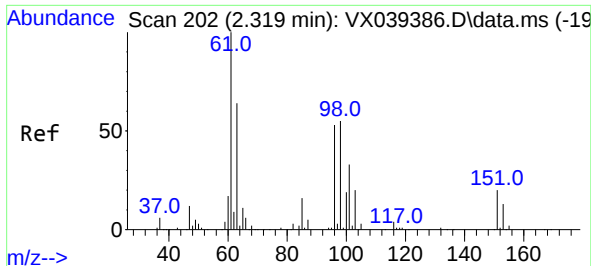
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration

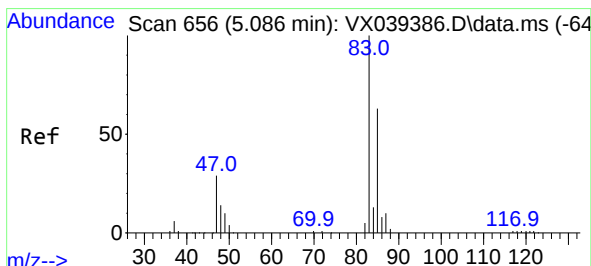
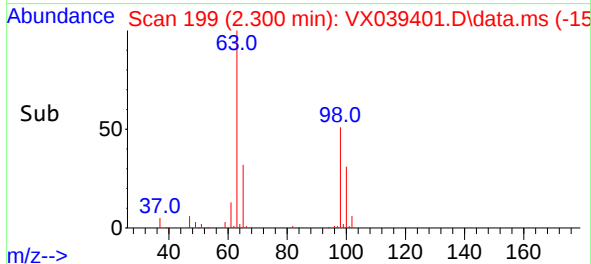
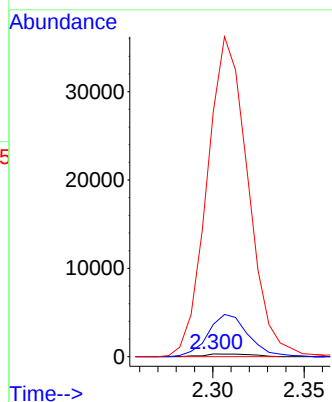
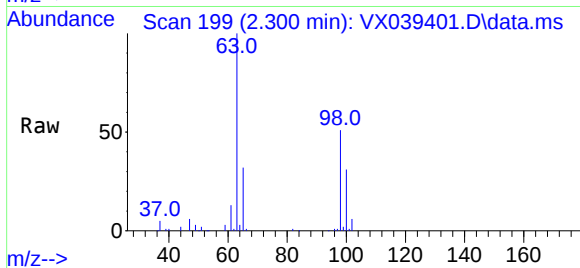




#12
1,1-Dichloroethene
Concen: 0.548 ug/L
RT: 2.300 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

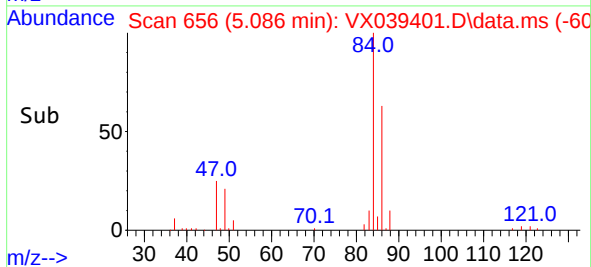
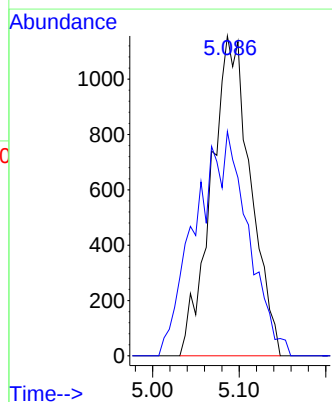
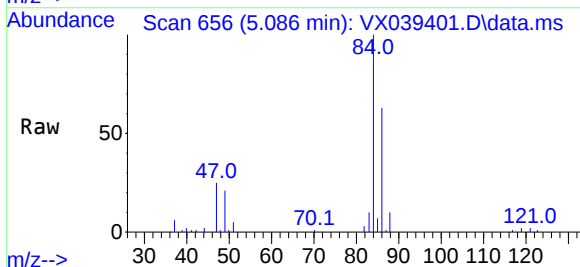
Instrument :
MSVOA_X
ClientSampleId :

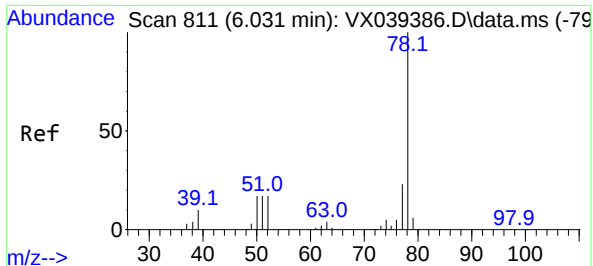
Tgt Ion: 96 Resp: 563
Ion Ratio Lower Upper
96 100
61 1205.0 128.0 237.6#
63 9164.4 101.5 188.5#



#25
Chloroform
Concen: 1.711 ug/L
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

Tgt Ion: 83 Resp: 3654
Ion Ratio Lower Upper
83 100
85 70.2 45.1 83.7

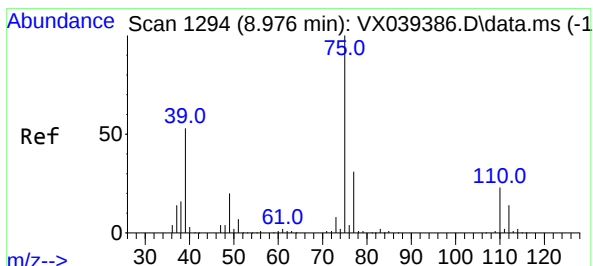
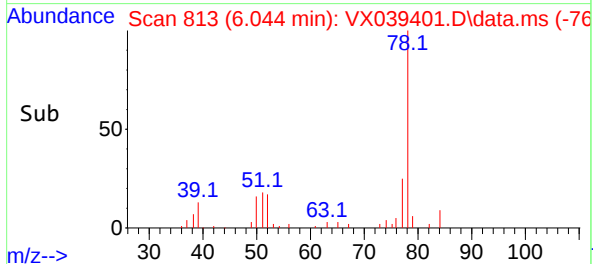
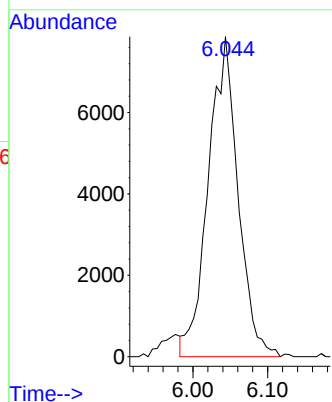
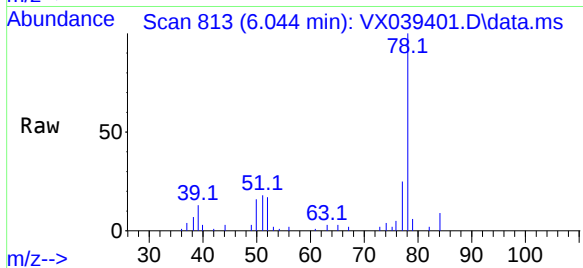




#33
Benzene
Concen: 4.774 ug/L
RT: 6.044 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

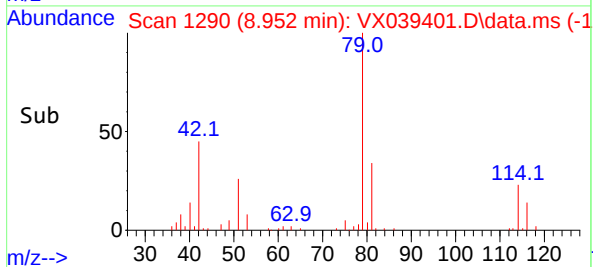
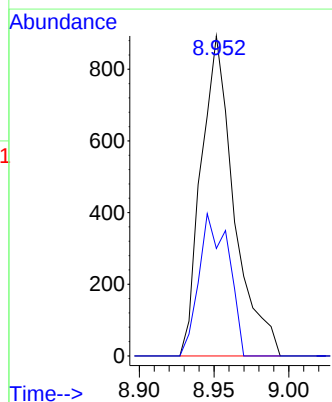
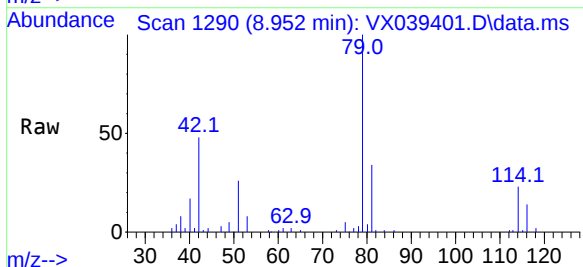
Instrument :
MSVOA_X
ClientSampleId :

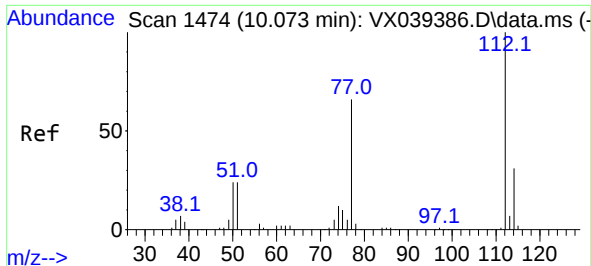
Tgt Ion: 78 Resp: 21667



#44
trans-1,3-Dichloropropene
Concen: 0.734 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

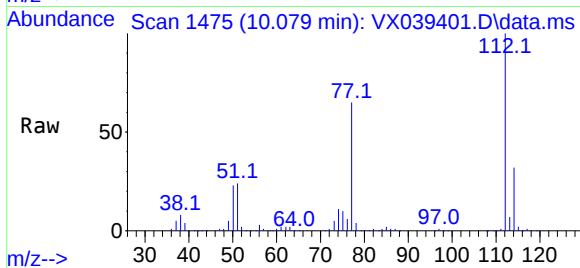
Tgt Ion: 75 Resp: 1368
Ion Ratio Lower Upper
75 100
77 33.6 22.0 40.8



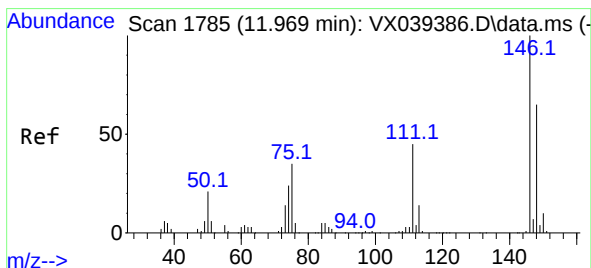
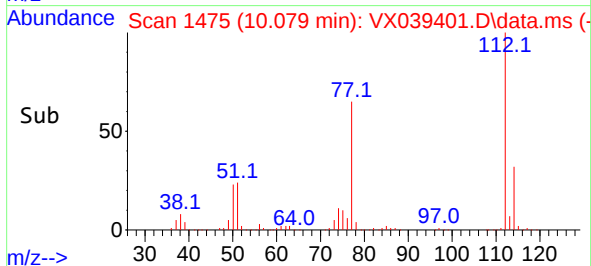
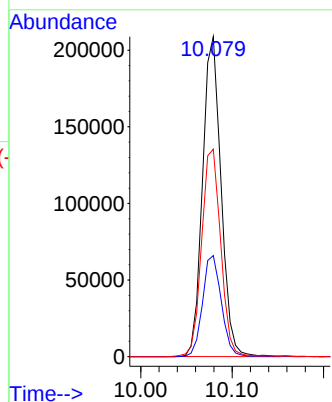


#51
Chlorobenzene
Concen: 98.537 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :

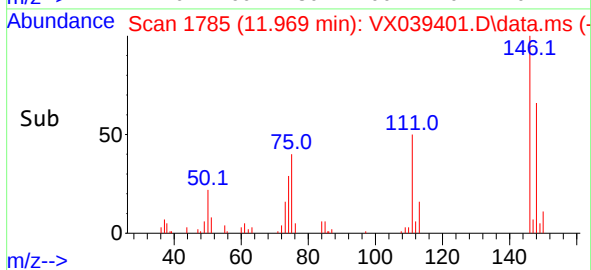
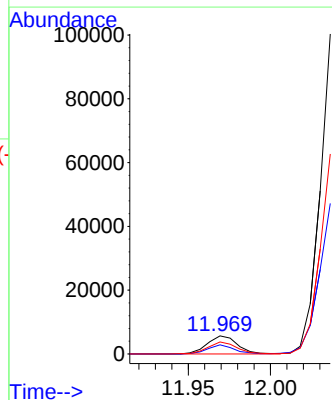
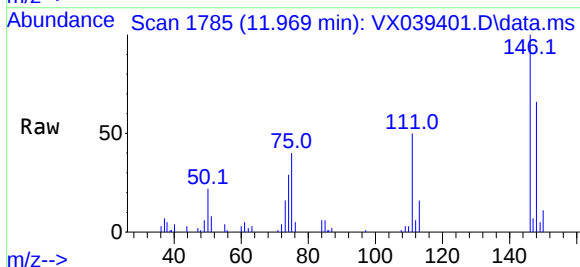


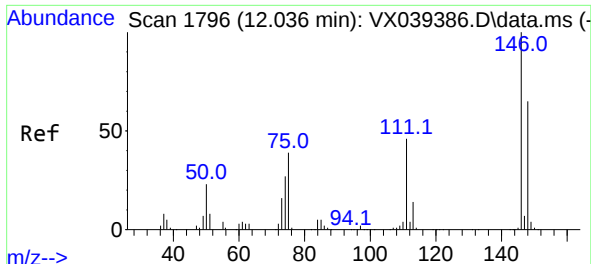
Tgt Ion:112 Resp: 292926
Ion Ratio Lower Upper
112 100
114 31.6 21.8 40.4
77 64.8 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 3.675 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

Tgt Ion:146 Resp: 7296
Ion Ratio Lower Upper
146 100
111 50.1 30.0 55.6
148 66.1 44.2 82.0

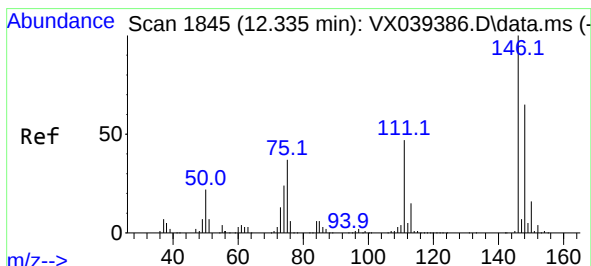
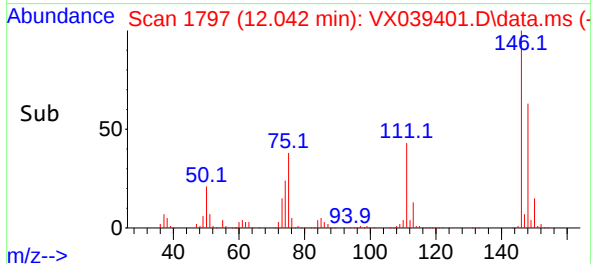
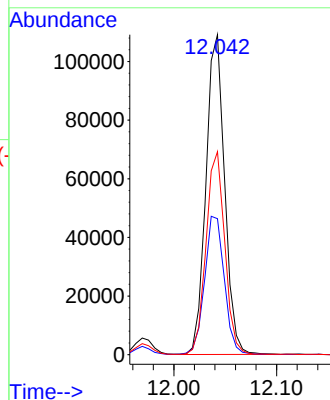
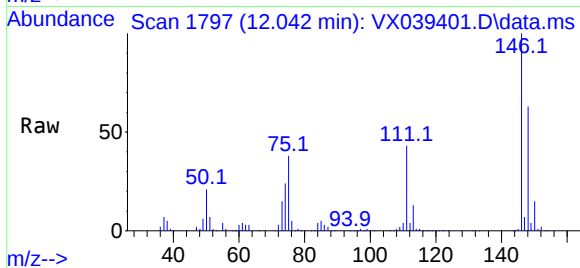




#65
1,4-Dichlorobenzene
Concen: 68.703 ug/L
RT: 12.042 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

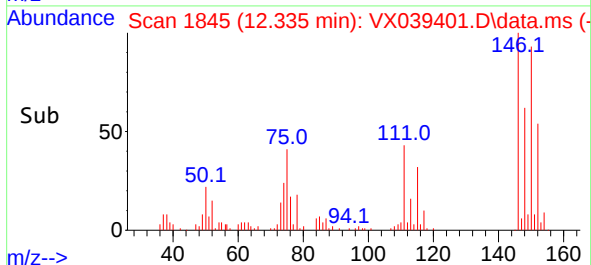
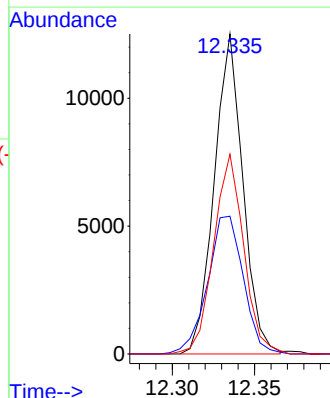
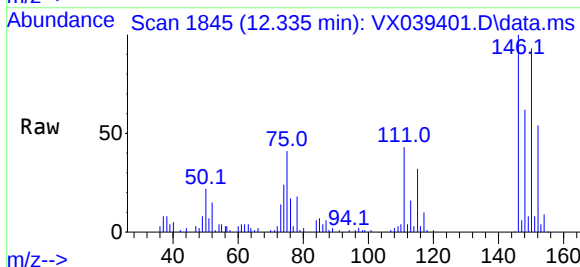
Instrument :
MSVOA_X
ClientSampleId :

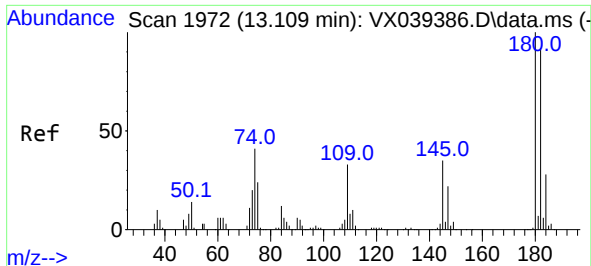
Tgt Ion:146 Resp: 138228
Ion Ratio Lower Upper
146 100
111 42.5 29.7 55.1
148 63.5 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 7.993 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

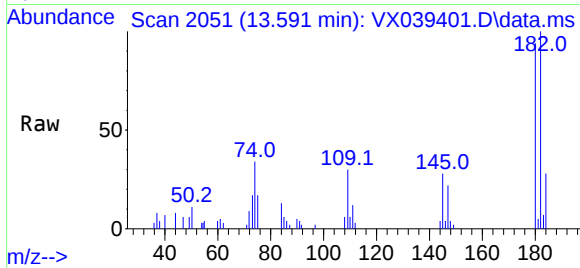
Tgt Ion:146 Resp: 15180
Ion Ratio Lower Upper
146 100
111 43.1 36.4 54.6
148 62.4 50.0 75.0



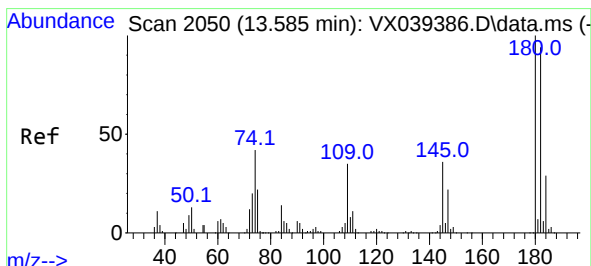
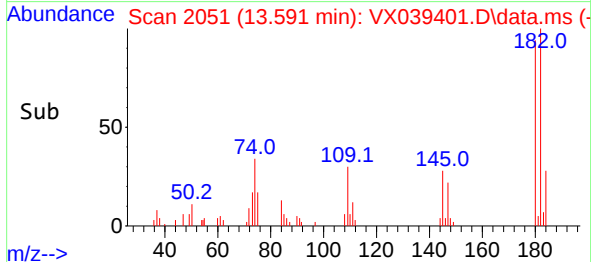
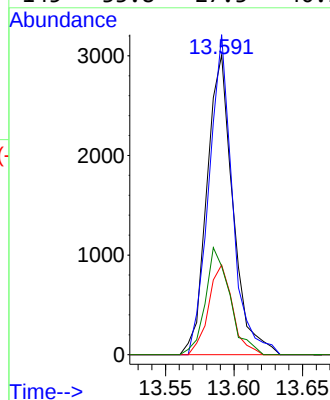


#69
1,3,5-Trichlorobenzene
Concen: 3.027 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.482 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :

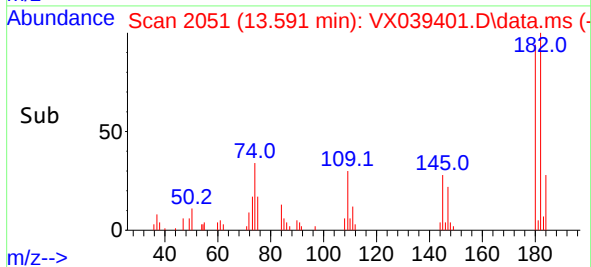
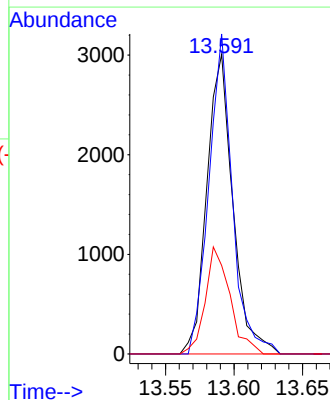
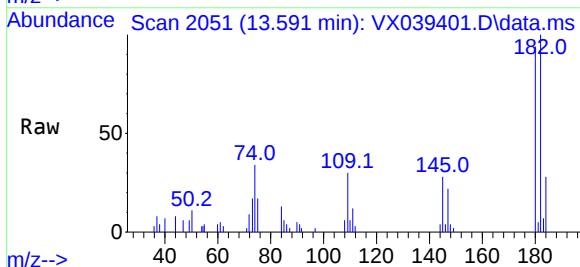


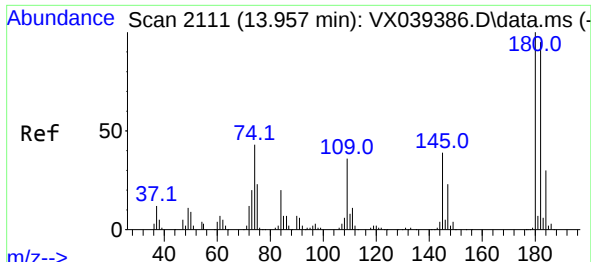
Tgt Ion:180 Resp: 3974
Ion Ratio Lower Upper
180 100
182 96.5 76.1 114.1
184 27.7 24.1 36.1
145 33.8 27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 3.210 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039401.D
Acq: 20 Dec 2023 15:05

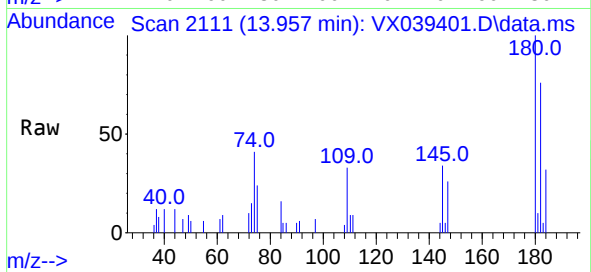
Tgt Ion:180 Resp: 3974
Ion Ratio Lower Upper
180 100
182 96.5 76.8 115.2
145 33.8 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 2.045 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX039401.D
 Acq: 20 Dec 2023 15:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	2451
Ion	Ratio	Lower	Upper
180	100		
182	88.2	75.9	113.9
145	36.0	28.6	42.8

