

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039271.D
 Acq On : 16 Dec 2023 07:43
 Operator : JC/MD
 Sample : 05845-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:16:29 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)

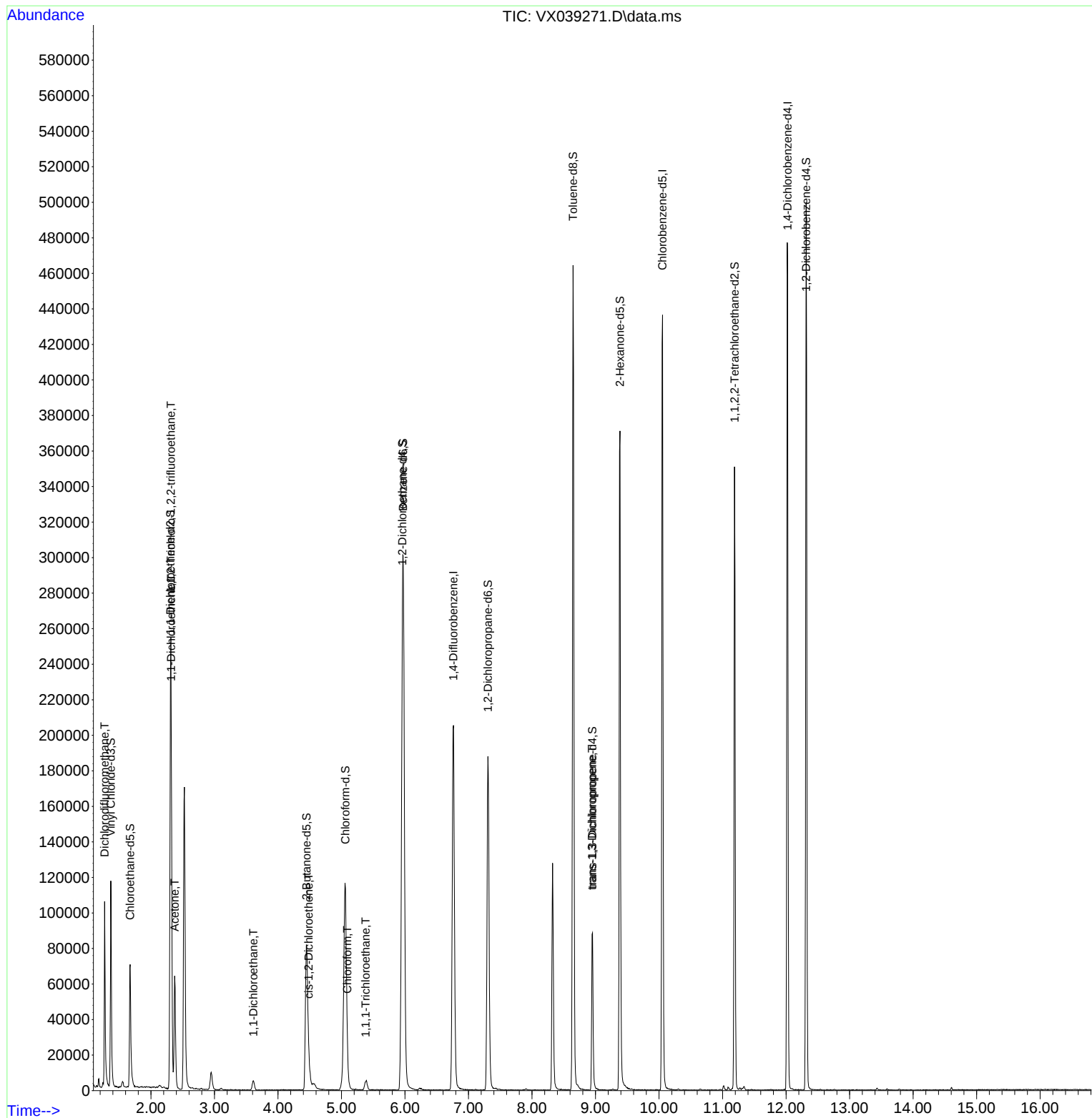
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	200973	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	187763	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	91780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	74698	47.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.780%			
7) Chloroethane-d5	1.672	69	55688	47.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.600%			
11) 1,1-Dichloroethene-d2	2.306	65	37336	53.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.920%			
21) 2-Butanone-d5	4.446	46	146707	102.816	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.820%			
24) Chloroform-d	5.062	84	142777	51.166	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.340%			
26) 1,2-Dichloroethane-d4	5.958	65	100929	55.849	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.700%			
32) Benzene-d6	5.970	84	300153	51.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.600%			
36) 1,2-Dichloropropane-d6	7.305	67	96760	51.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.780%			
41) Toluene-d8	8.646	98	267925	51.020	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.040%			
43) trans-1,3-Dichloroprop...	8.951	79	42324	44.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.200%			
47) 2-Hexanone-d5	9.384	63	105108	94.367	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.370%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	132564	50.110	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.220%			
66) 1,2-Dichlorobenzene-d4	12.317	152	89482	51.580	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.270	85	8172	5.099	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	1083	0.787	ug/L #	29
12) 1,1-Dichloroethene	2.318	96	27406	21.168	ug/L #	37
13) Acetone	2.373	43	63232	46.129	ug/L	98
19) 1,1-Dichloroethane	3.611	63	6215	2.304	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	2013	1.272	ug/L	93
25) Chloroform	5.092	83	4926	1.831	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	2470	1.084	ug/L #	47
44) trans-1,3-Dichloropropene	8.945	75	2136	0.872	ug/L #	65

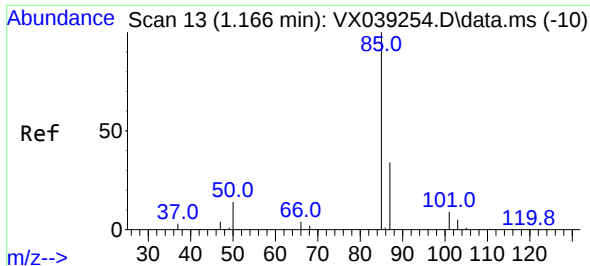
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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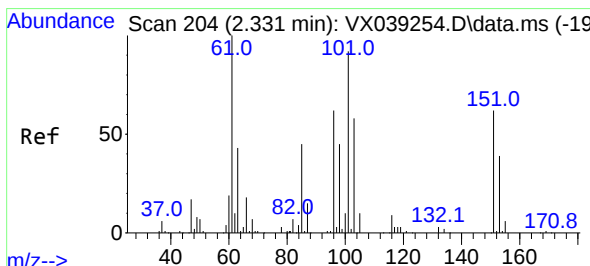
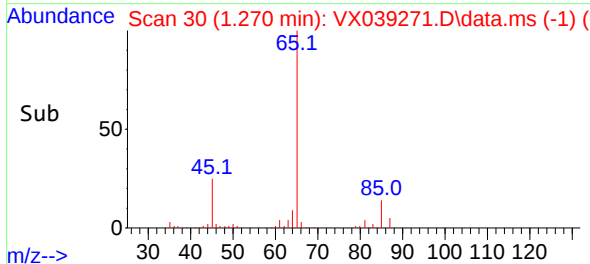
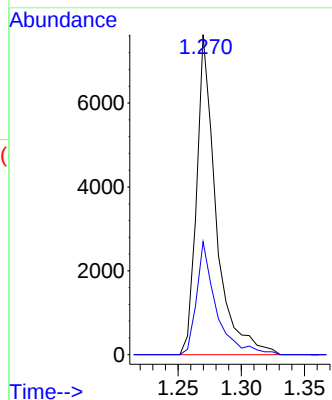
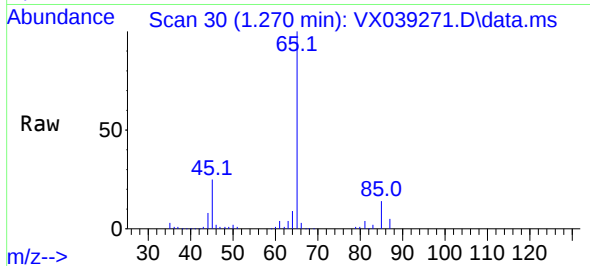




#2
Dichlorodifluoromethane
Concen: 5.099 ug/L
RT: 1.270 min Scan# 30
Delta R.T. 0.103 min
Lab File: VX039271.D
Acq: 16 Dec 2023 07:43

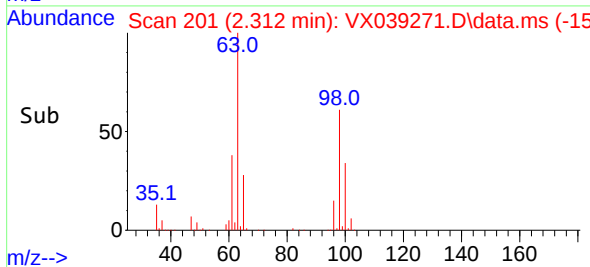
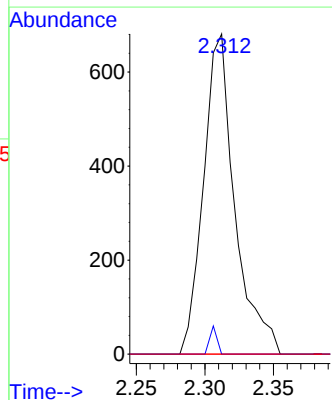
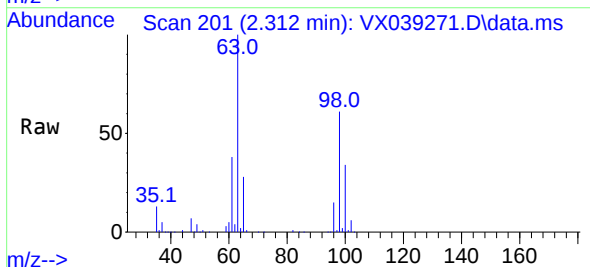
Instrument :
MSVOA_X
ClientSampleId :

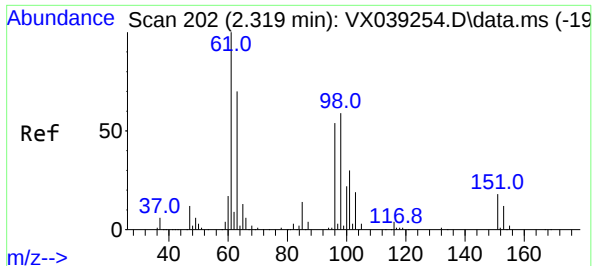
Tgt Ion: 85 Resp: 8172
Ion Ratio Lower Upper
85 100
87 35.6 26.2 39.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.787 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.019 min
Lab File: VX039271.D
Acq: 16 Dec 2023 07:43

Tgt Ion: 101 Resp: 1083
Ion Ratio Lower Upper
101 100
85 12.7 35.8 53.6#
151 0.0 55.4 83.2#

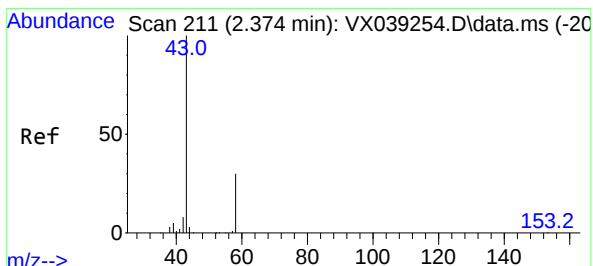
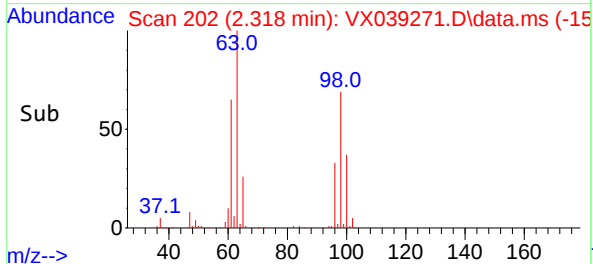
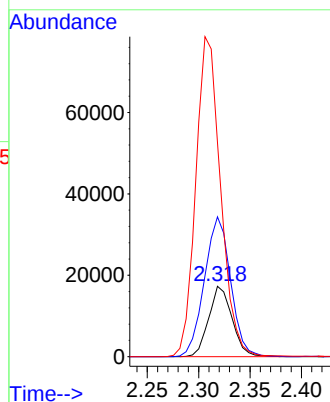
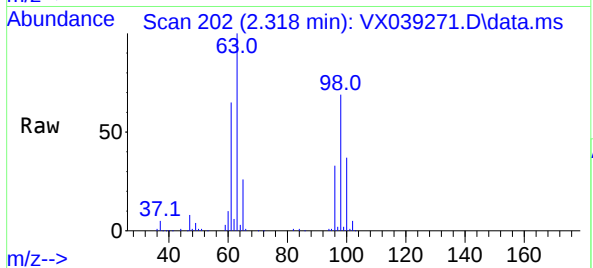




#12
1,1-Dichloroethene
Concen: 21.168 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039271.D
Acq: 16 Dec 2023 07:43

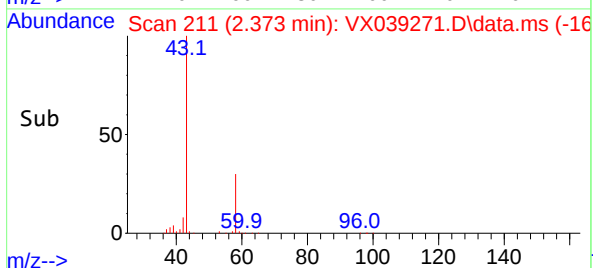
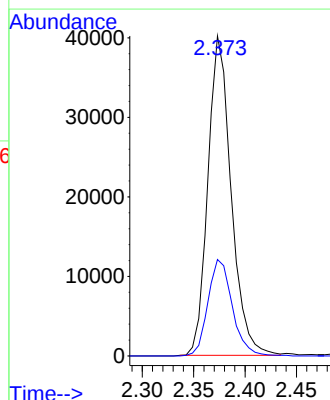
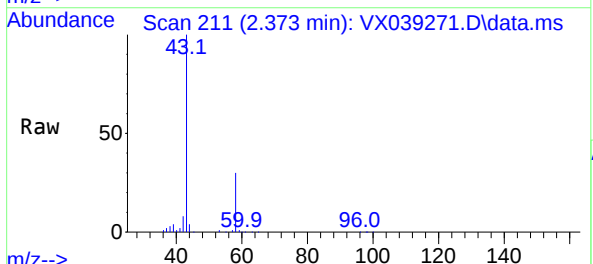
Instrument :
MSVOA_X
ClientSampleId :

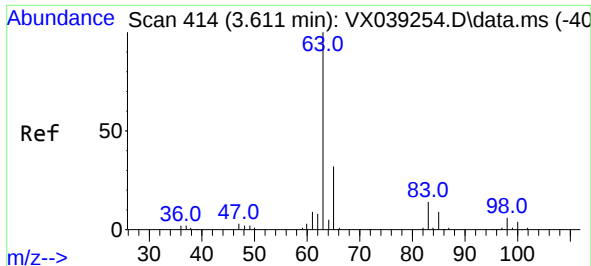
Tgt Ion: 96 Resp: 27406
Ion Ratio Lower Upper
96 100
61 198.8 128.0 237.6
63 304.1 101.5 188.5#



#13
Acetone
Concen: 46.129 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039271.D
Acq: 16 Dec 2023 07:43

Tgt Ion: 43 Resp: 63232
Ion Ratio Lower Upper
43 100
58 31.6 0.0 65.8





#19

1,1-Dichloroethane

Concen: 2.304 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039271.D

Acq: 16 Dec 2023 07:43

Instrument :

MSVOA_X

ClientSampleId :

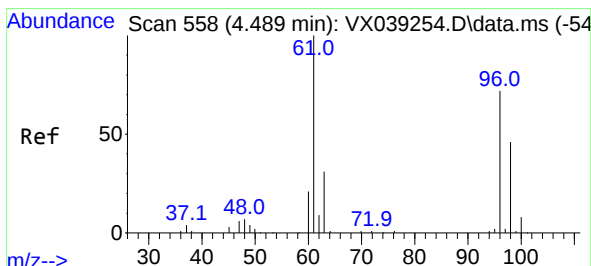
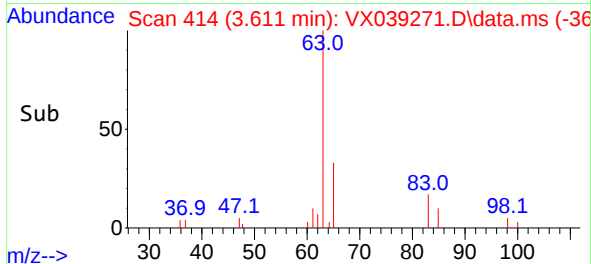
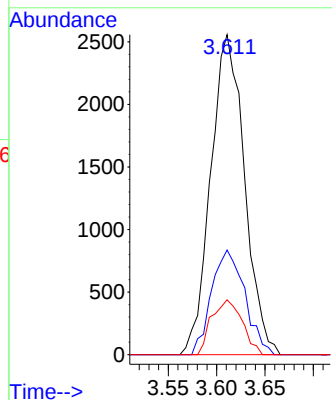
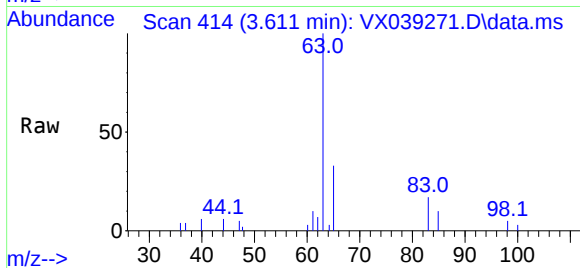
Tgt Ion: 63 Resp: 6215

Ion Ratio Lower Upper

63 100

65 32.7 21.1 39.3

83 17.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 1.272 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039271.D

Acq: 16 Dec 2023 07:43

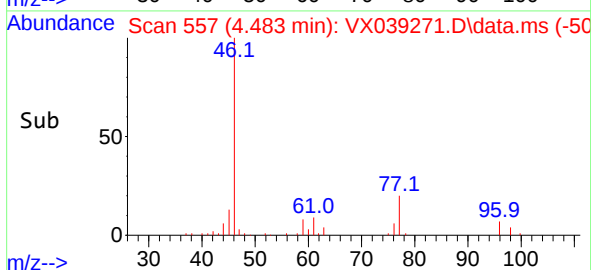
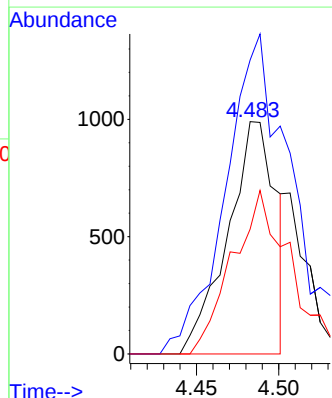
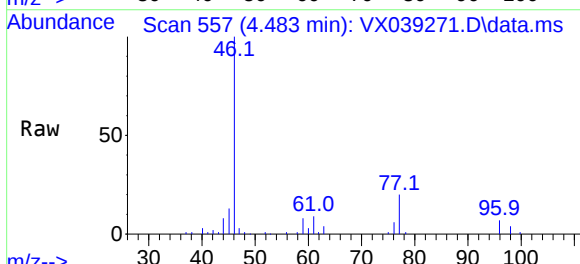
Tgt Ion: 96 Resp: 2013

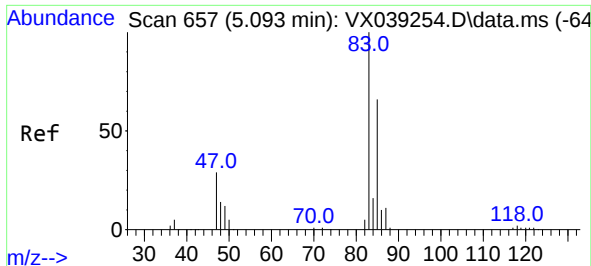
Ion Ratio Lower Upper

96 100

61 126.6 91.7 170.3

98 53.7 44.2 82.2

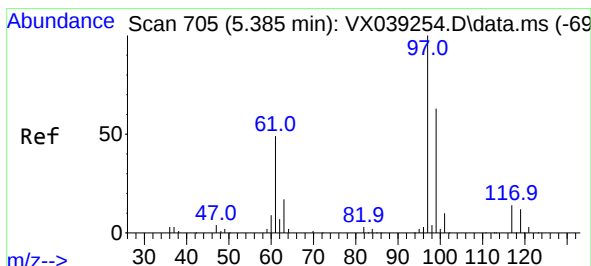
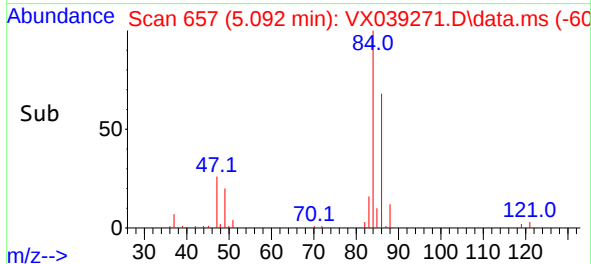
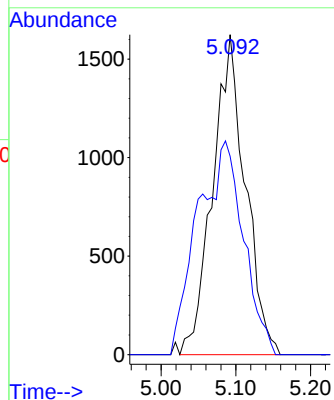
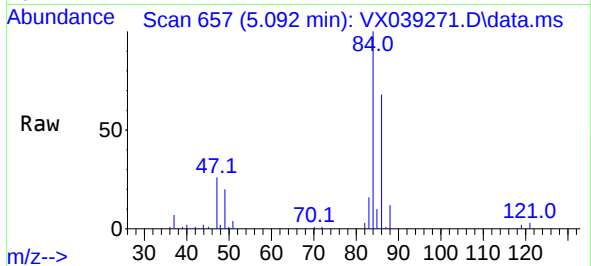




#25
Chloroform
Concen: 1.831 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039271.D
Acq: 16 Dec 2023 07:43

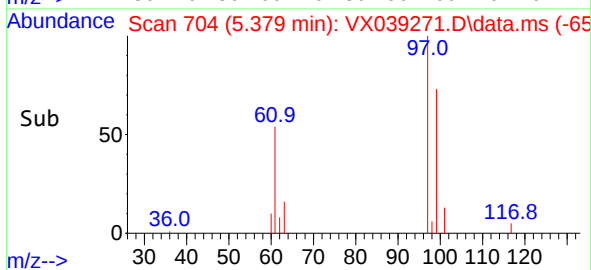
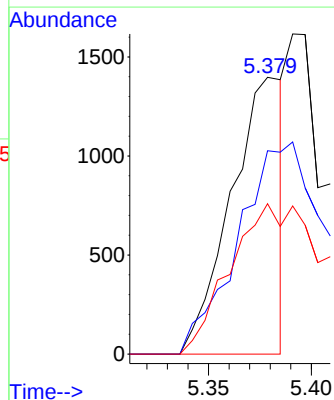
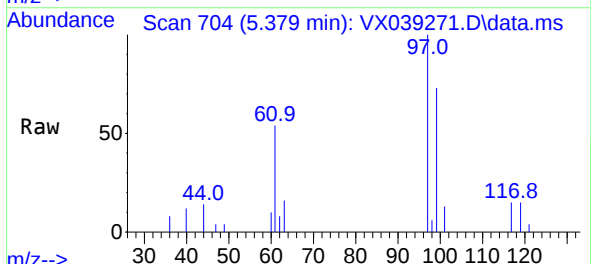
Instrument :
MSVOA_X
ClientSampleId :

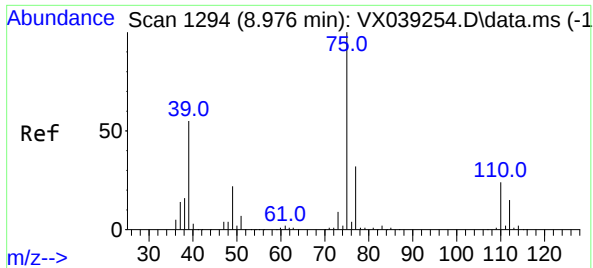
Tgt Ion: 83 Resp: 4926
Ion Ratio Lower Upper
83 100
85 62.0 45.1 83.7



#30
1,1,1-Trichloroethane
Concen: 1.084 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039271.D
Acq: 16 Dec 2023 07:43

Tgt Ion: 97 Resp: 2470
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 54.2 36.7 55.1





#44
trans-1,3-Dichloropropene
Concen: 0.872 ug/L
RT: 8.945 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX039271.D
Acq: 16 Dec 2023 07:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2136
Ion Ratio Lower Upper
75 100
77 51.0 22.0 40.8#

