

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039279.D
 Acq On : 16 Dec 2023 10:54
 Operator : JC/MD
 Sample : 05844-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

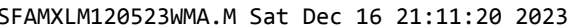
Quant Time: Dec 16 21:11:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

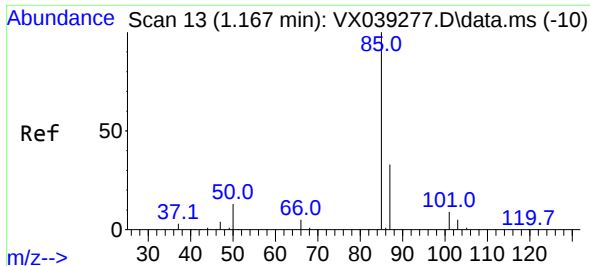
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	215833	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	201913	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	98646	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74155	43.804	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.600%		
7) Chloroethane-d5	1.666	69	55051	43.996	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.000%		
11) 1,1-Dichloroethene-d2	2.306	65	36575	49.219	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.440%		
21) 2-Butanone-d5	4.446	46	146384	95.527	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.530%		
24) Chloroform-d	5.050	84	143762	47.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.940%		
26) 1,2-Dichloroethane-d4	5.952	65	100211	51.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.260%		
32) Benzene-d6	5.970	84	299408	48.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.100%		
36) 1,2-Dichloropropane-d6	7.306	67	95666	47.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.400%		
41) Toluene-d8	8.647	98	267654	47.397	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.800%		
43) trans-1,3-Dichloroprop...	8.945	79	44580	43.684	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.360%		
47) 2-Hexanone-d5	9.378	63	105259	87.880	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.880%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	133553	46.946	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.900%		
66) 1,2-Dichlorobenzene-d4	12.317	152	89932	48.232	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.270	85	2346	1.363	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1635	1.106	ug/L #	41
12) 1,1-Dichloroethene	2.319	96	103802	74.655	ug/L	85
13) Acetone	2.373	43	36915	25.076	ug/L	96
19) 1,1-Dichloroethane	3.605	63	25089	8.661	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	26979	15.877	ug/L	98
22) 2-Butanone	4.550	43	65752	36.394	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	10521	4.295	ug/L	97
34) Trichloroethene	7.129	95	15272	9.006	ug/L	95
44) trans-1,3-Dichloropropene	8.945	75	2270	0.862	ug/L	93

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

Quant Time: Dec 16 21:11:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

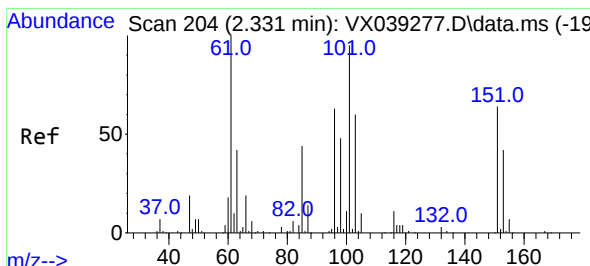
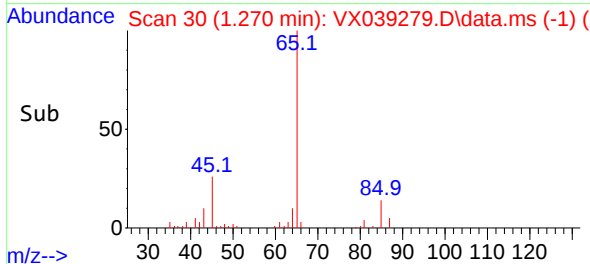
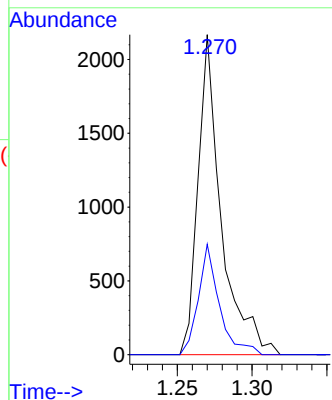
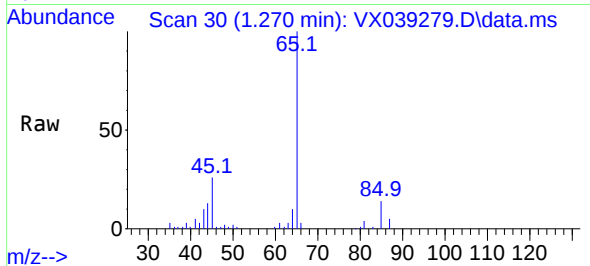




#2
 Dichlorodifluoromethane
 Concen: 1.363 ug/L
 RT: 1.270 min Scan# 30
 Delta R.T. 0.103 min
 Lab File: VX039279.D
 Acq: 16 Dec 2023 10:54

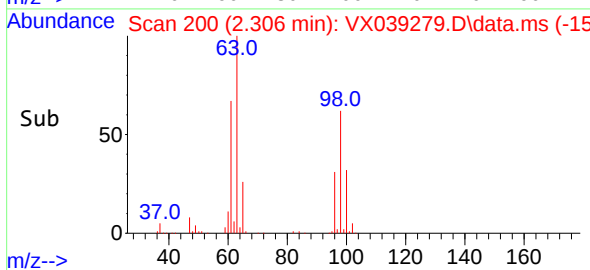
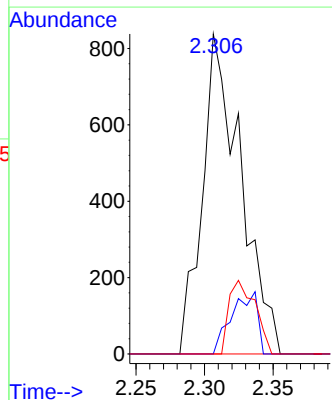
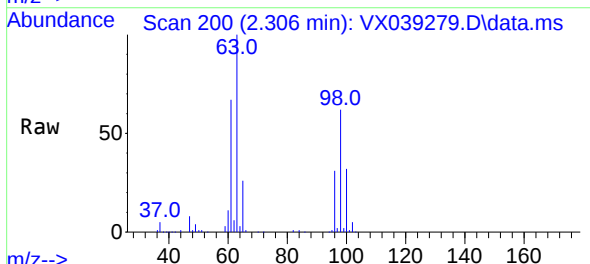
Instrument :
 MSVOA_X
 ClientSampleId :

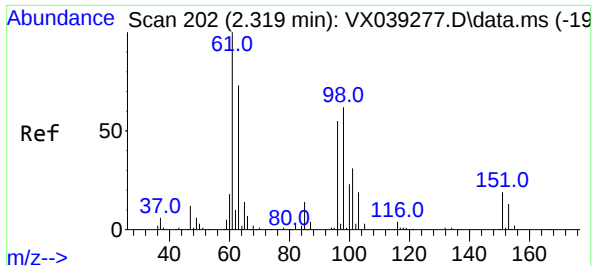
Tgt Ion: 85 Resp: 2346
 Ion Ratio Lower Upper
 85 100
 87 30.3 26.2 39.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.106 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.025 min
 Lab File: VX039279.D
 Acq: 16 Dec 2023 10:54

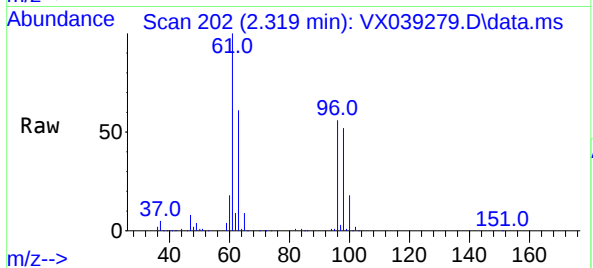
Tgt Ion: 101 Resp: 1635
 Ion Ratio Lower Upper
 101 100
 85 13.1 35.8 53.6#
 151 15.7 55.4 83.2#





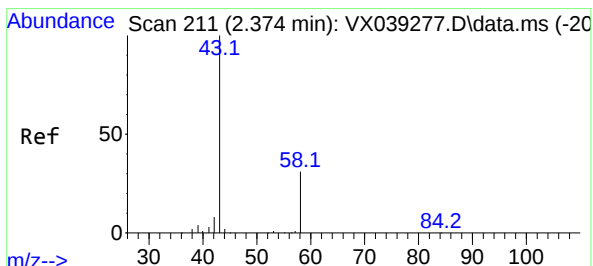
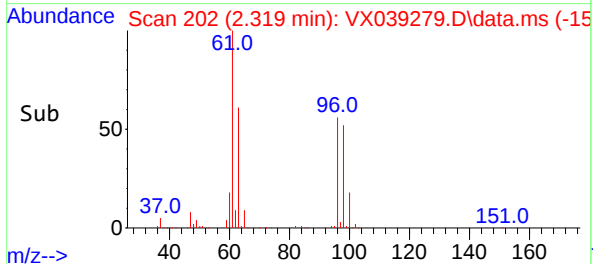
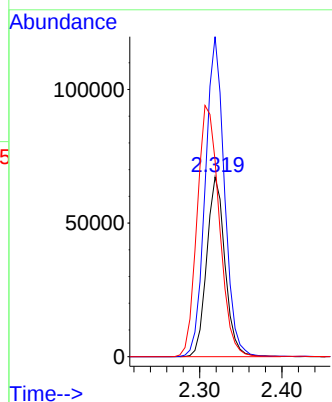
#12
1,1-Dichloroethene
Concen: 74.655 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039279.D
Acq: 16 Dec 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 103802

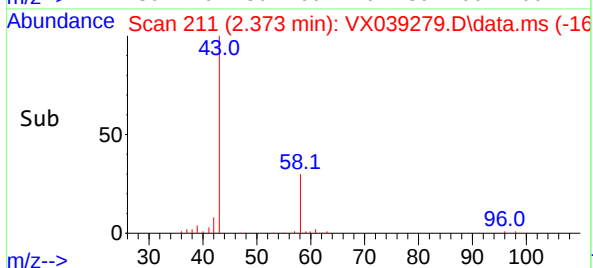
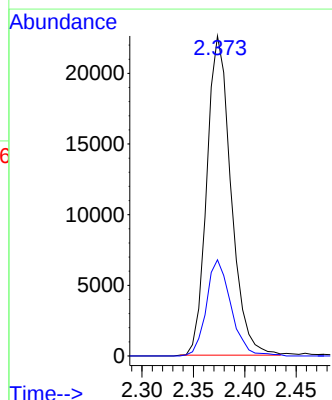
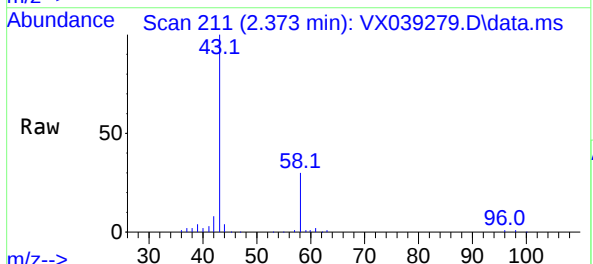
Ion	Ratio	Lower	Upper
96	100		
61	178.1	128.0	237.6
63	109.1	101.5	188.5

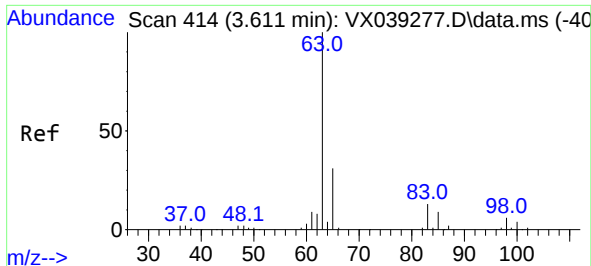


#13
Acetone
Concen: 25.076 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039279.D
Acq: 16 Dec 2023 10:54

Tgt Ion: 43 Resp: 36915

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	65.8





#19

1,1-Dichloroethane

Concen: 8.661 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039279.D

Acq: 16 Dec 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

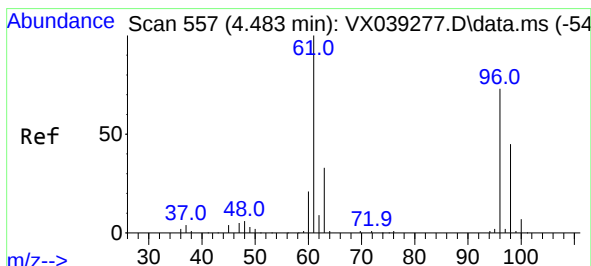
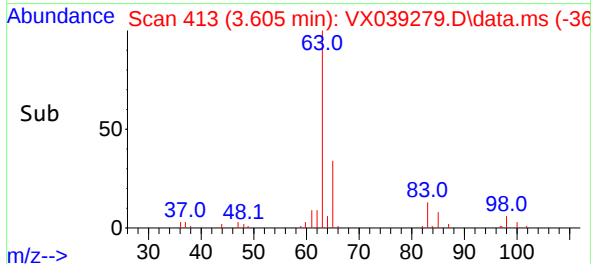
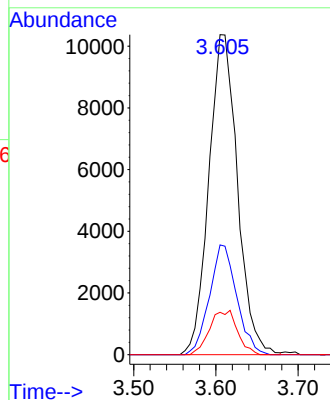
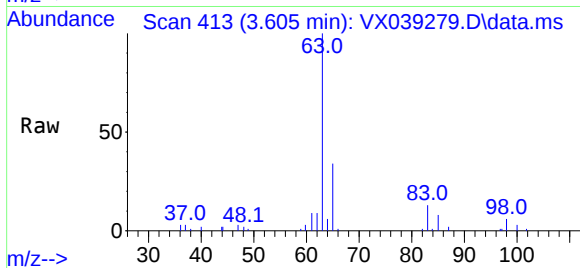
Tgt Ion: 63 Resp: 25089

Ion Ratio Lower Upper

63 100

65 34.3 21.1 39.3

83 13.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 15.877 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039279.D

Acq: 16 Dec 2023 10:54

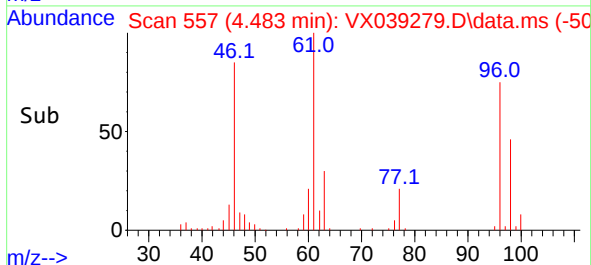
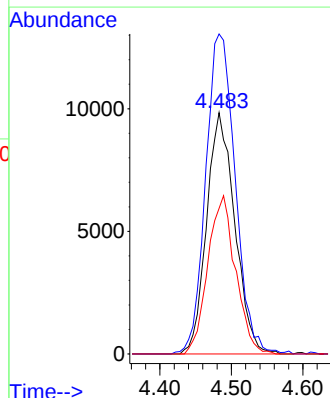
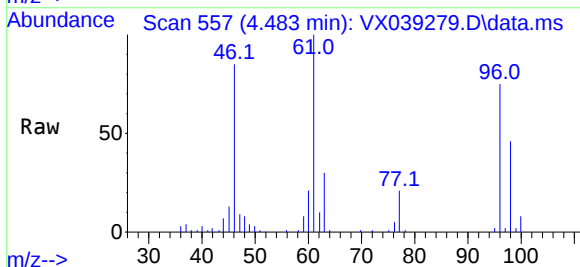
Tgt Ion: 96 Resp: 26979

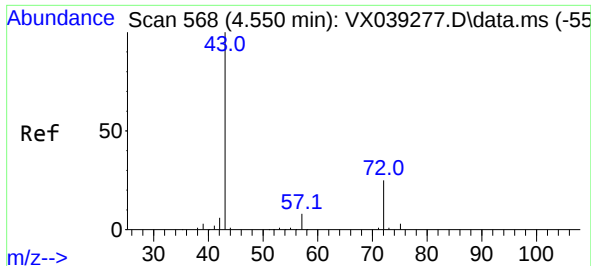
Ion Ratio Lower Upper

96 100

61 132.6 91.7 170.3

98 60.3 44.2 82.2

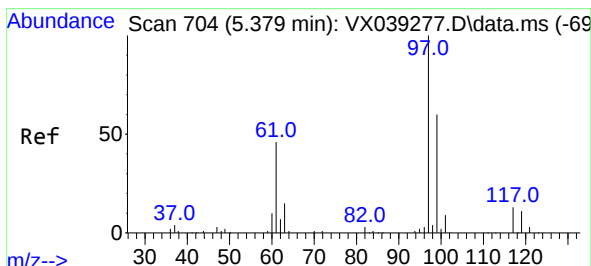
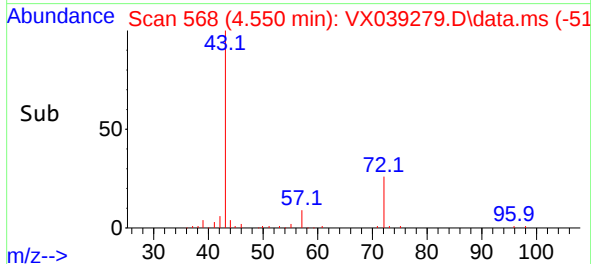
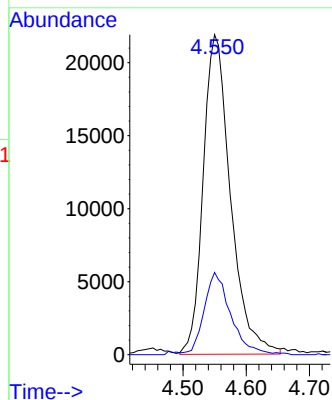
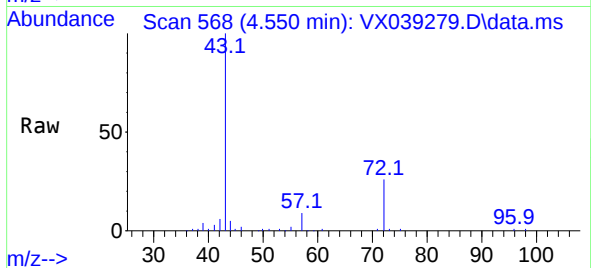




#22
2-Butanone
Concen: 36.394 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039279.D
Acq: 16 Dec 2023 10:54

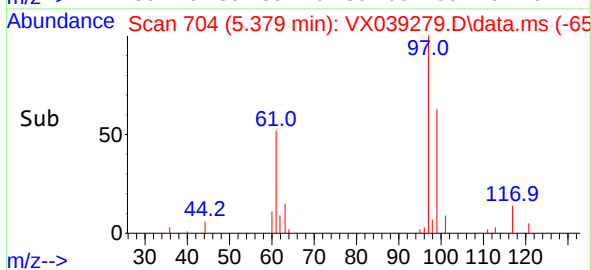
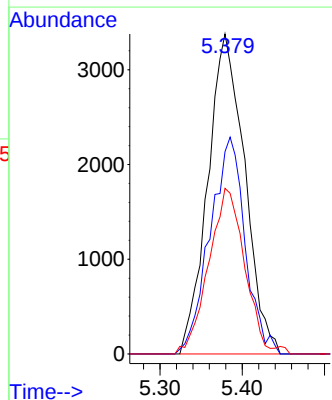
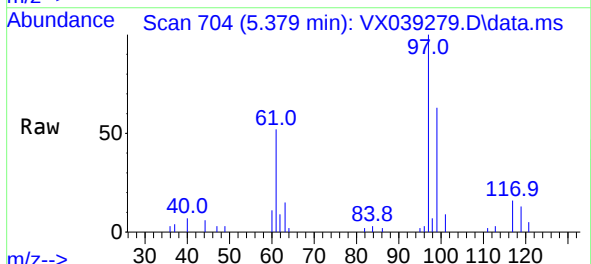
Instrument :
MSVOA_X
ClientSampleId :

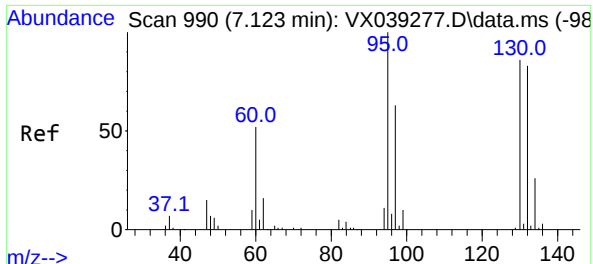
Tgt Ion: 43 Resp: 65752
Ion Ratio Lower Upper
43 100
72 24.4 12.6 37.6



#30
1,1,1-Trichloroethane
Concen: 4.295 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039279.D
Acq: 16 Dec 2023 10:54

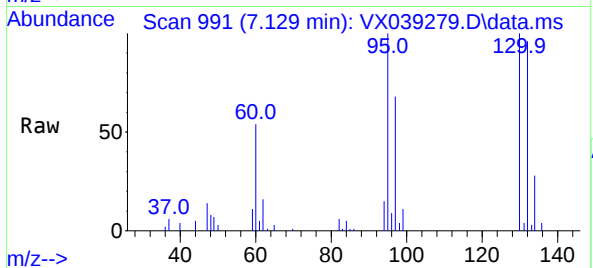
Tgt Ion: 97 Resp: 10521
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 50.0 36.7 55.1





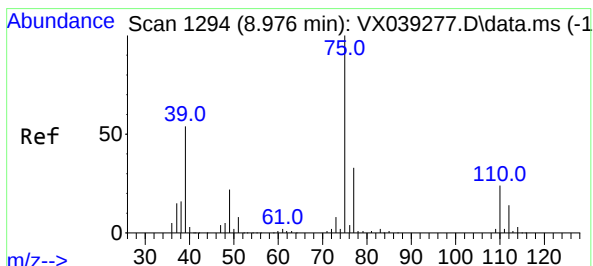
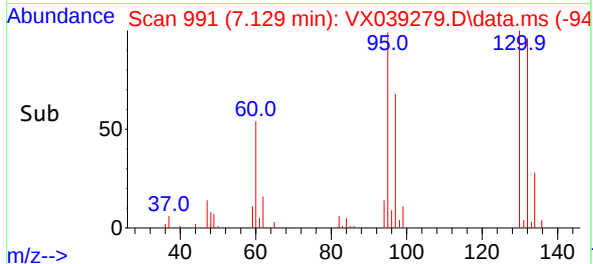
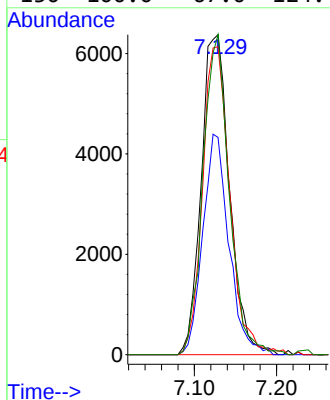
#34
Trichloroethene
Concen: 9.006 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX039279.D
Acq: 16 Dec 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 15272

Ion	Ratio	Lower	Upper
95	100		
97	67.9	45.5	84.5
132	96.2	62.2	115.4
130	100.0	67.0	124.4



#44
trans-1,3-Dichloropropene
Concen: 0.862 ug/L
RT: 8.945 min Scan# 1289
Delta R.T. -0.025 min
Lab File: VX039279.D
Acq: 16 Dec 2023 10:54

Tgt Ion: 75 Resp: 2270

Ion	Ratio	Lower	Upper
75	100		
77	35.3	22.0	40.8

