

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039292.D
 Acq On : 16 Dec 2023 15:53
 Operator : JC/MD
 Sample : 05845-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:13:04 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)

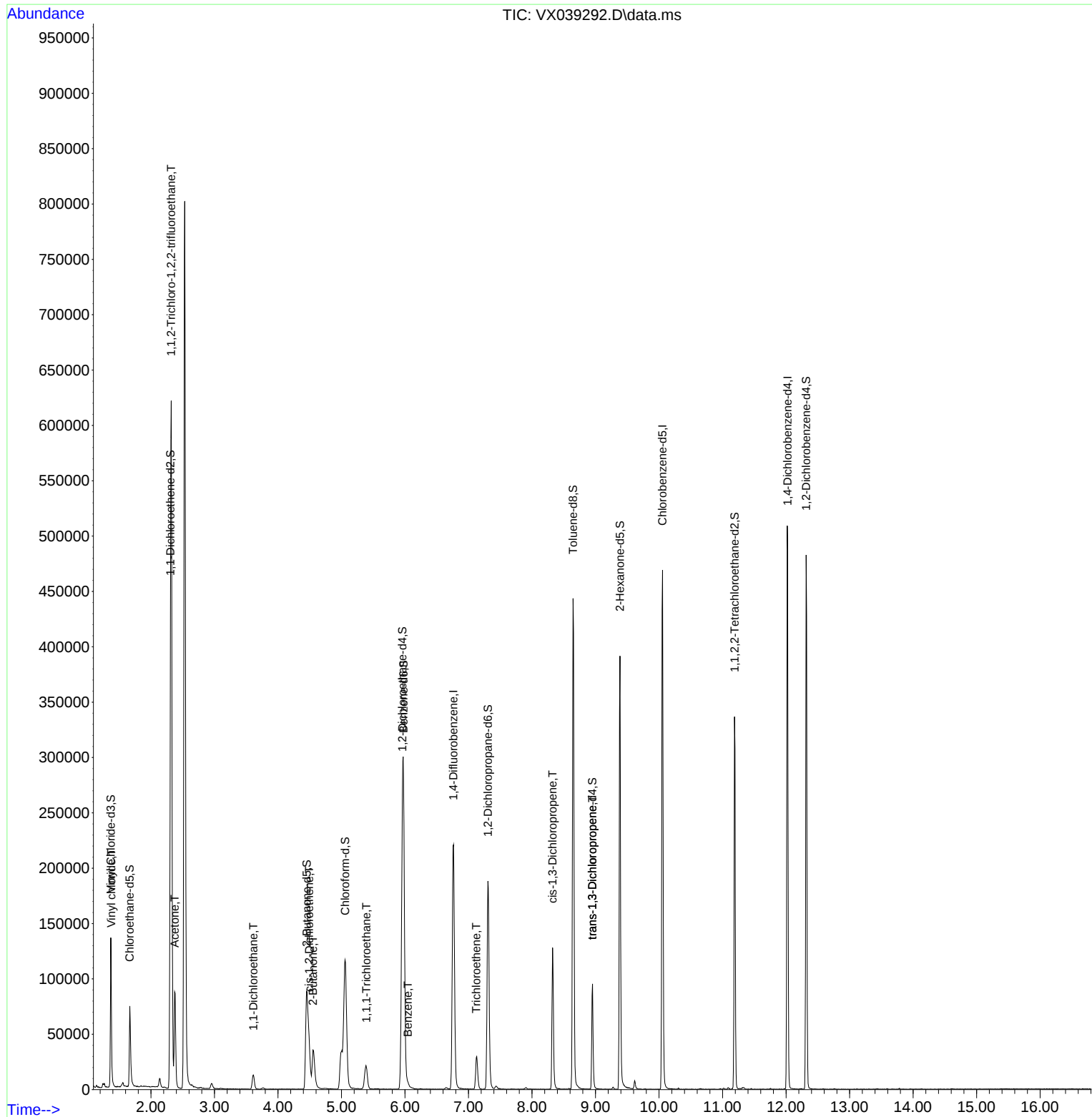
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	219508	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204557	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69167	40.174	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.340%		
7) Chloroethane-d5	1.666	69	53111	41.735	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.460%		
11) 1,1-Dichloroethene-d2	2.307	65	35175	46.542	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.080%		
21) 2-Butanone-d5	4.452	46	151780	97.390	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.390%		
24) Chloroform-d	5.056	84	145367	47.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.400%		
26) 1,2-Dichloroethane-d4	5.958	65	99884	50.604	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.200%		
32) Benzene-d6	5.977	84	295848	46.863	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.720%		
36) 1,2-Dichloropropane-d6	7.306	67	95227	46.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.740%		
41) Toluene-d8	8.647	98	261571	45.721	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.440%		
43) trans-1,3-Dichloroprop...	8.952	79	43209	41.793	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.580%		
47) 2-Hexanone-d5	9.384	63	107035	88.207	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.210%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131919	45.772	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.540%		
66) 1,2-Dichlorobenzene-d4	12.317	152	86635	47.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.520%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	21773	12.074	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	4284	2.850	ug/L #	75
13) Acetone	2.374	43	91035	60.804	ug/L	96
19) 1,1-Dichloroethane	3.611	63	15055	5.110	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	16591	9.600	ug/L	89
22) 2-Butanone	4.550	43	64156	34.916	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	20087	8.093	ug/L	98
33) Benzene	6.044	78	5255	0.808	ug/L	100
34) Trichloroethene	7.123	95	12281	7.149	ug/L	90
39) cis-1,3-Dichloropropene	8.324	75	3176	1.105	ug/L #	62
44) trans-1,3-Dichloropropene	8.952	75	2263	0.848	ug/L	89

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

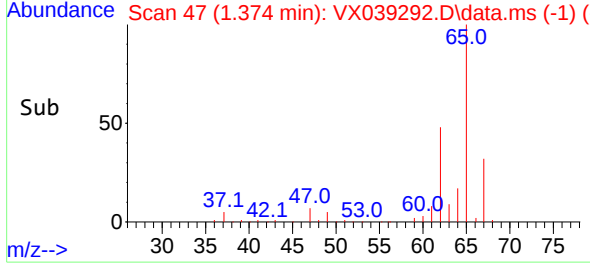
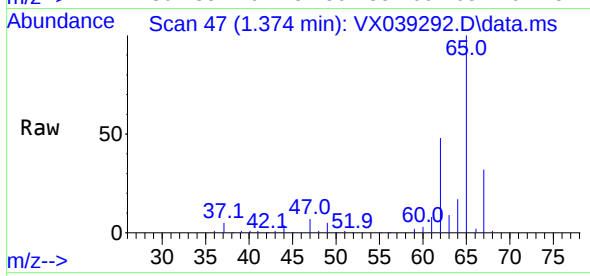
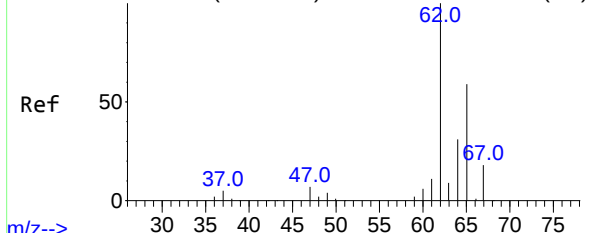
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039292.D
Acq On : 16 Dec 2023 15:53
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 63 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :

Quant Time: Dec 16 21:13:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
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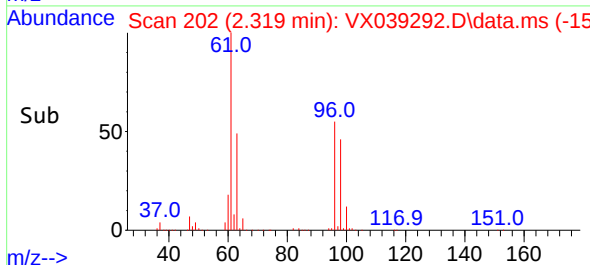
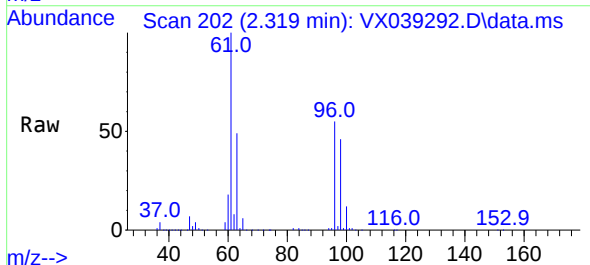
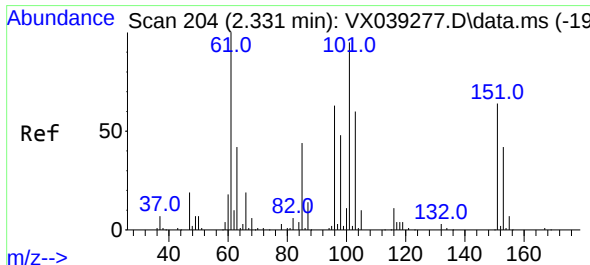
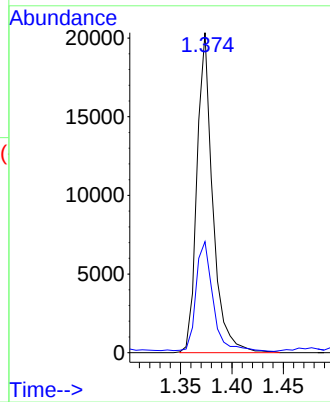
Abundance Scan 47 (1.374 min): VX039277.D\data.ms (-43)



#5
Vinyl chloride
Concen: 12.074 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX039292.D
Acq: 16 Dec 2023 15:53

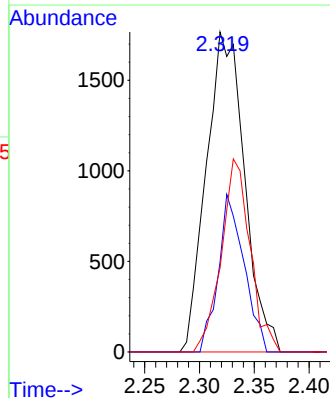
Instrument :
MSVOA_X
ClientSampleId :

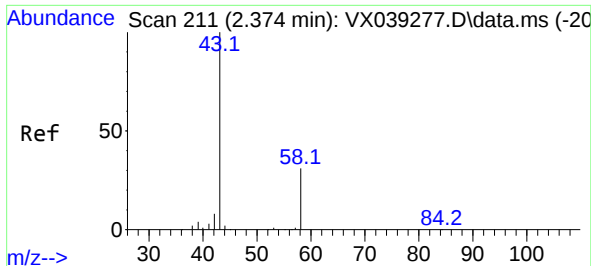
Tgt Ion: 62 Resp: 21773
Ion Ratio Lower Upper
62 100
64 34.7 22.3 41.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.850 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX039292.D
Acq: 16 Dec 2023 15:53

Tgt Ion: 101 Resp: 4284
Ion Ratio Lower Upper
101 100
85 33.3 35.8 53.6#
151 45.5 55.4 83.2#

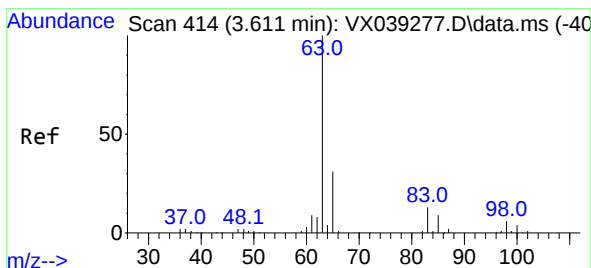
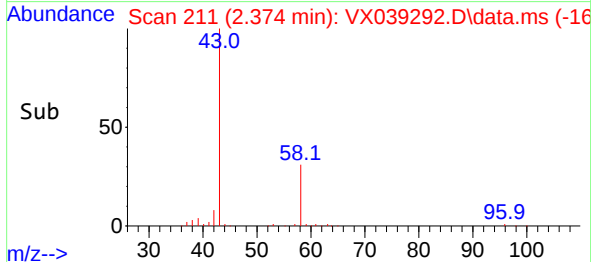
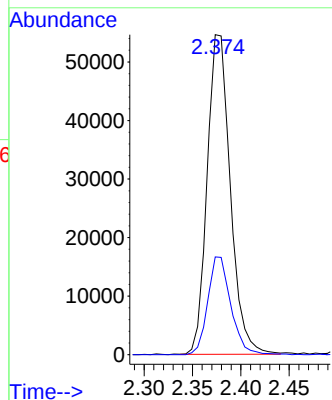
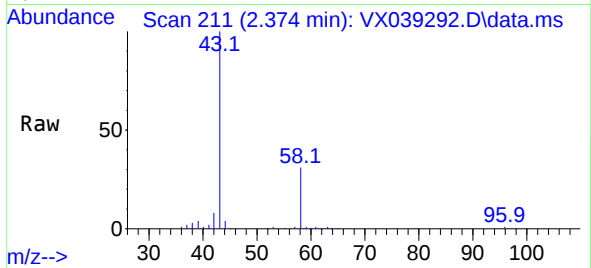




#13
Acetone
Concen: 60.804 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039292.D
Acq: 16 Dec 2023 15:53

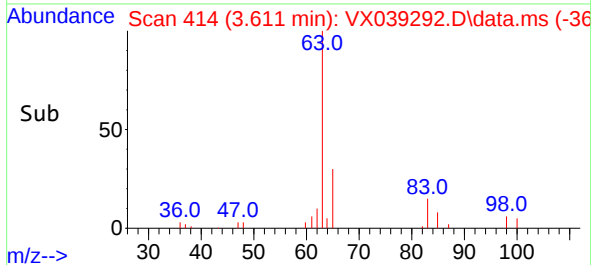
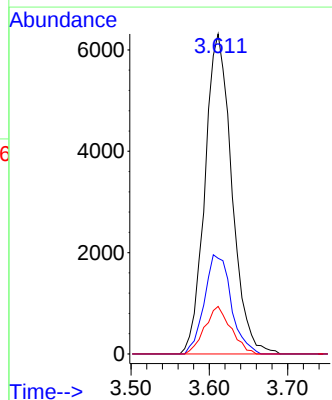
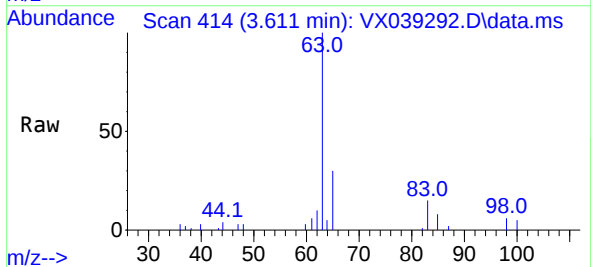
Instrument :
MSVOA_X
ClientSampleId :

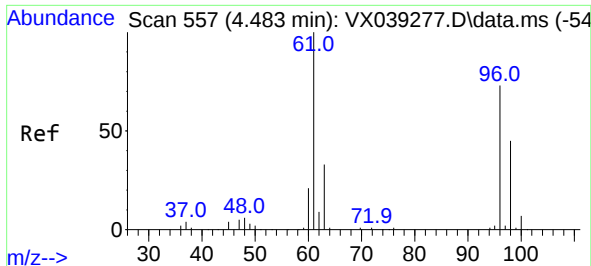
Tgt Ion: 43 Resp: 91035
Ion Ratio Lower Upper
43 100
58 30.4 0.0 65.8



#19
1,1-Dichloroethane
Concen: 5.110 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039292.D
Acq: 16 Dec 2023 15:53

Tgt Ion: 63 Resp: 15055
Ion Ratio Lower Upper
63 100
65 29.9 21.1 39.3
83 14.8 9.7 17.9

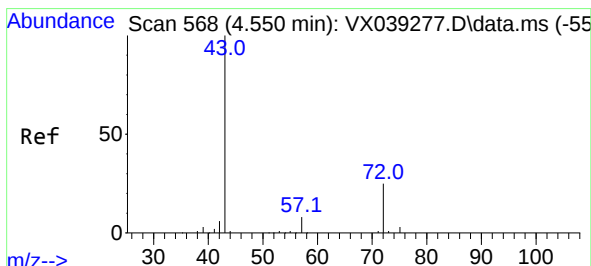
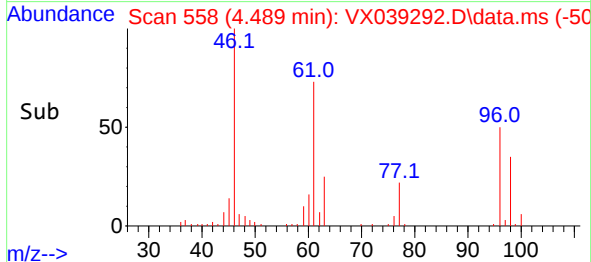
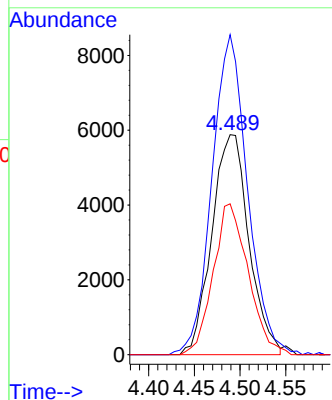
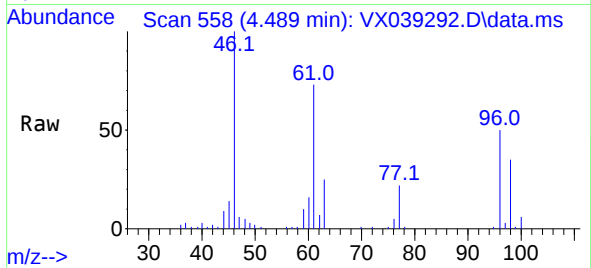




#20
cis-1,2-Dichloroethene
Concen: 9.600 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039292.D
Acq: 16 Dec 2023 15:53

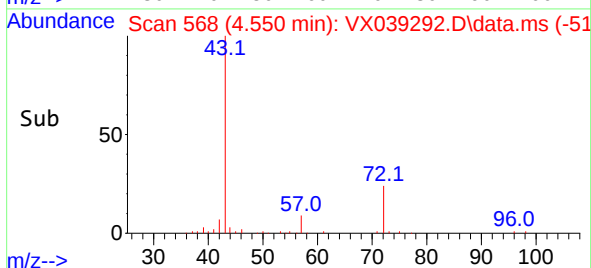
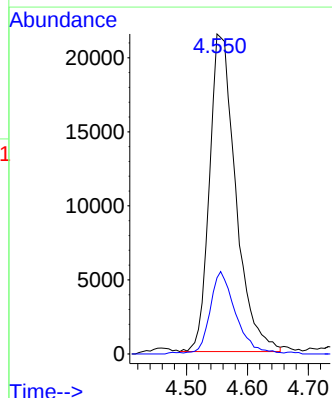
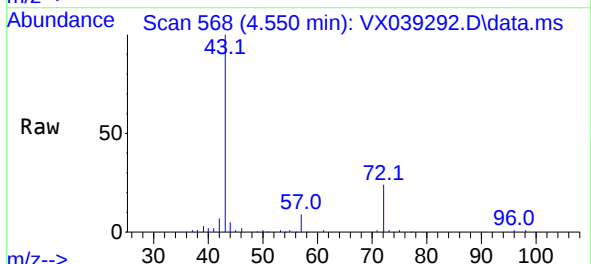
Instrument :
MSVOA_X
ClientSampleId :

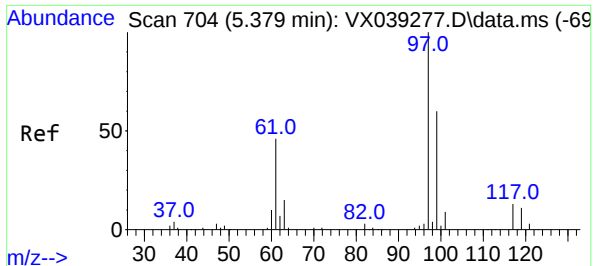
Tgt Ion: 96 Resp: 16591
Ion Ratio Lower Upper
96 100
61 145.4 91.7 170.3
98 68.6 44.2 82.2



#22
2-Butanone
Concen: 34.916 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039292.D
Acq: 16 Dec 2023 15:53

Tgt Ion: 43 Resp: 64156
Ion Ratio Lower Upper
43 100
72 25.3 12.6 37.6





#30

1,1,1-Trichloroethane

Concen: 8.093 ug/L

RT: 5.391 min Scan# 704

Delta R.T. 0.018 min

Lab File: VX039292.D

Acq: 16 Dec 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

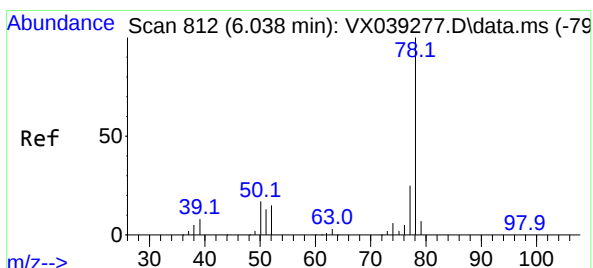
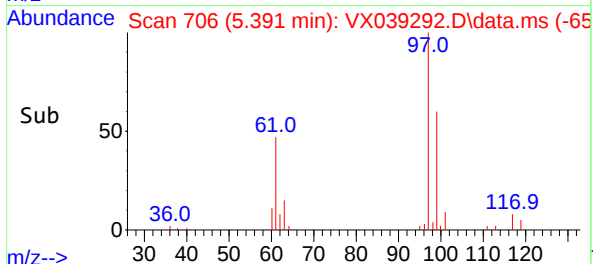
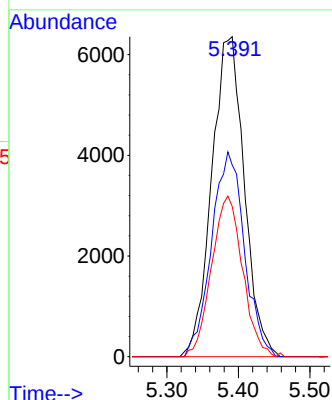
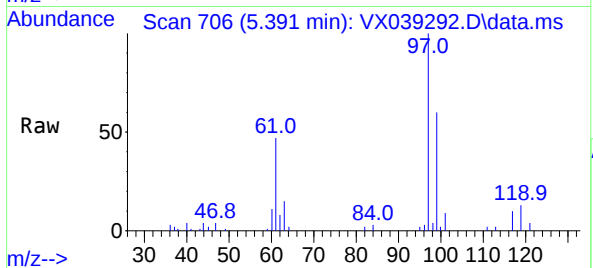
Tgt Ion: 97 Resp: 20087

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 47.8 36.7 55.1



#33

Benzene

Concen: 0.808 ug/L

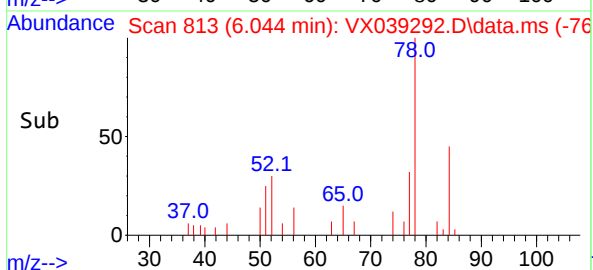
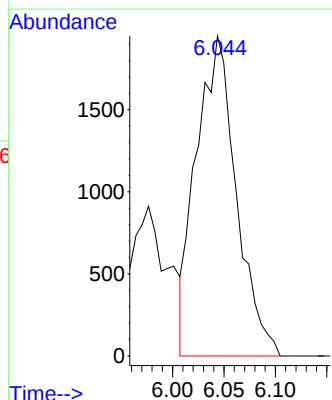
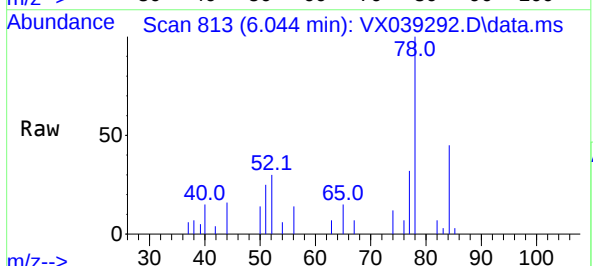
RT: 6.044 min Scan# 813

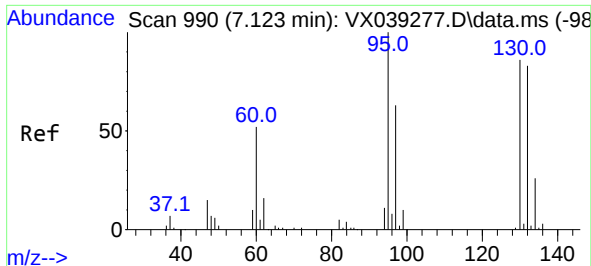
Delta R.T. 0.012 min

Lab File: VX039292.D

Acq: 16 Dec 2023 15:53

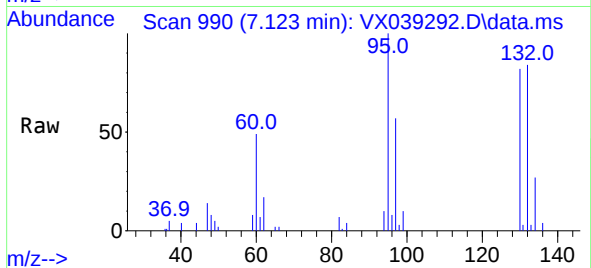
Tgt Ion: 78 Resp: 5255





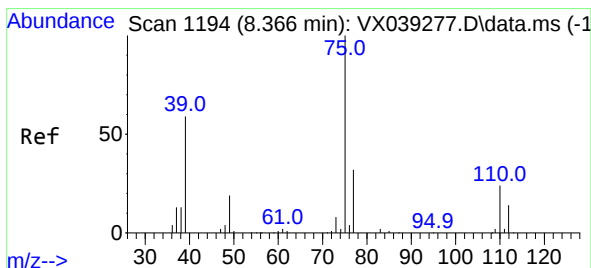
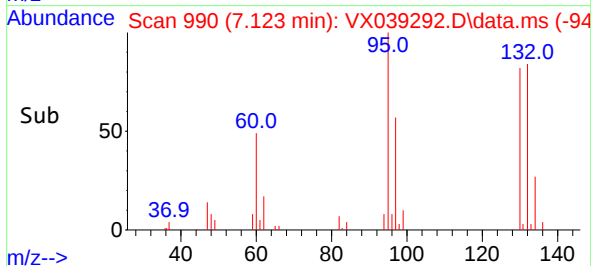
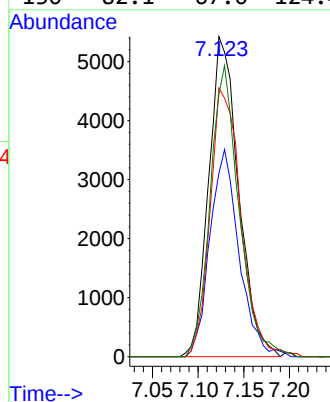
#34
Trichloroethene
Concen: 7.149 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039292.D
Acq: 16 Dec 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 12281

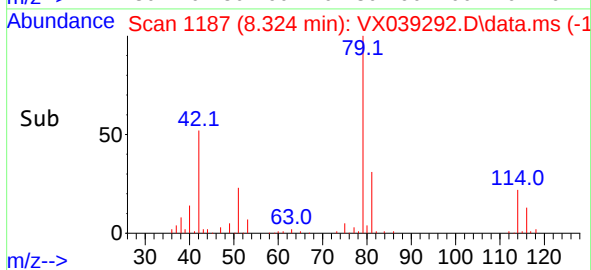
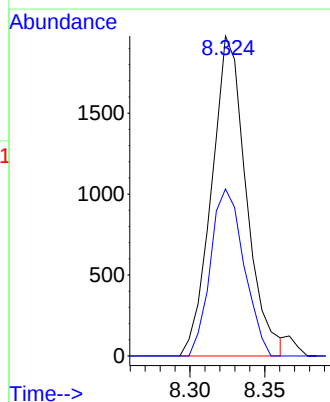
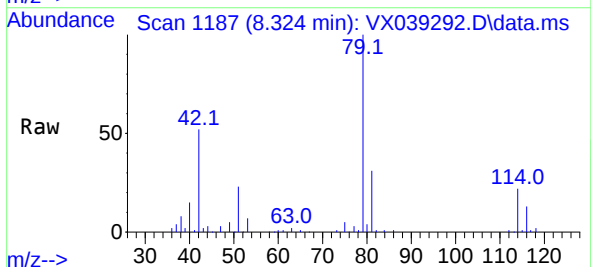
Ion	Ratio	Lower	Upper
95	100		
97	57.3	45.5	84.5
132	84.0	62.2	115.4
130	82.1	67.0	124.4

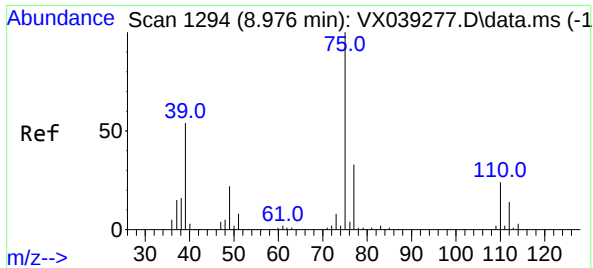


#39
cis-1,3-Dichloropropene
Concen: 1.105 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.037 min
Lab File: VX039292.D
Acq: 16 Dec 2023 15:53

Tgt Ion: 75 Resp: 3176

Ion	Ratio	Lower	Upper
75	100		
77	52.2	22.0	40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.848 ug/L

RT: 8.952 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX039292.D

Acq: 16 Dec 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2263

Ion	Ratio	Lower	Upper
75	100		
77	25.6	22.0	40.8

