

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039291.D
 Acq On : 16 Dec 2023 15:30
 Operator : JC/MD
 Sample : 05845-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE4

Quant Time: Dec 16 21:12:56 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)

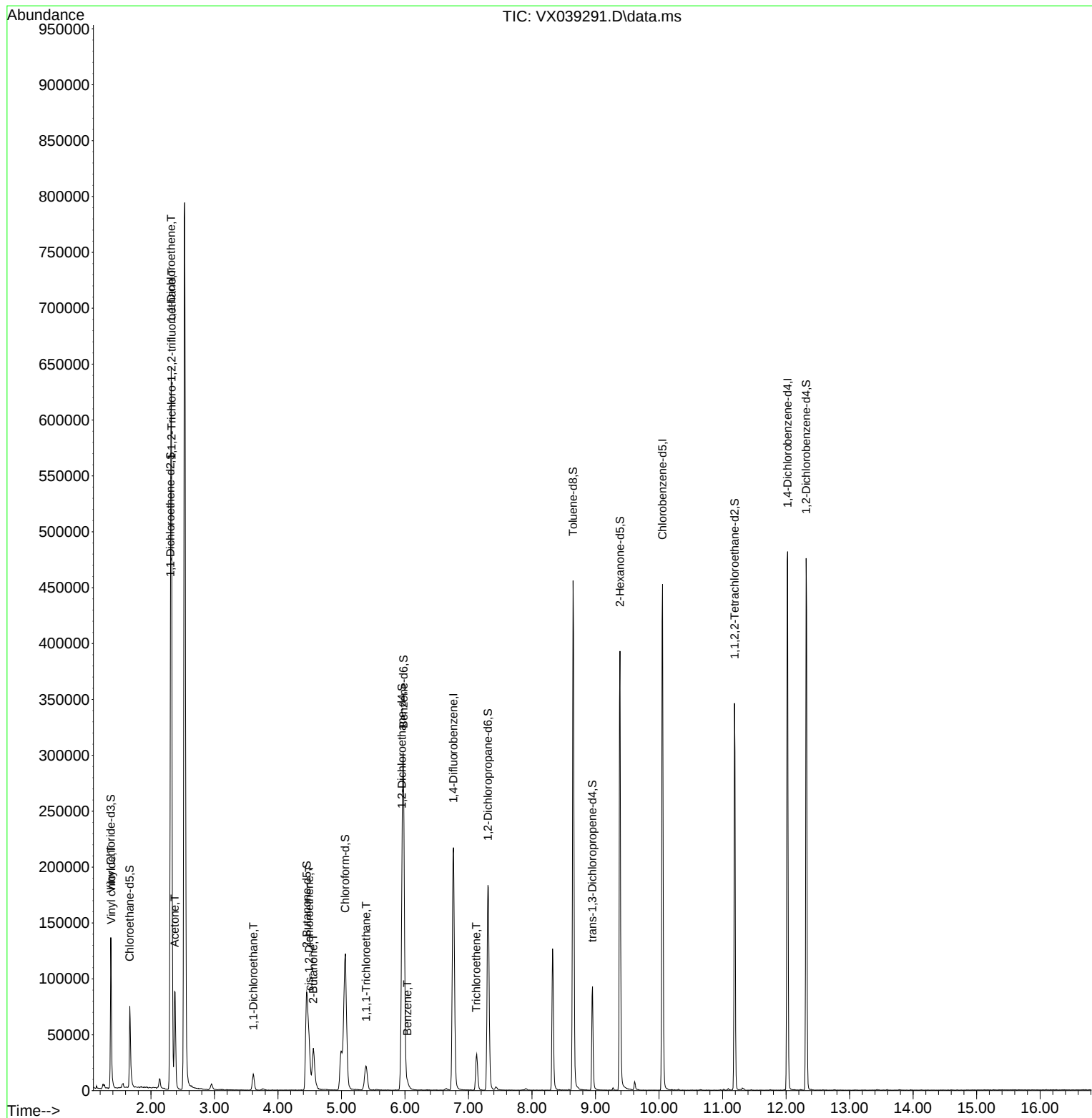
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212669	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	196205	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94926	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69296	41.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.080%		
7) Chloroethane-d5	1.666	69	53181	43.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.260%		
11) 1,1-Dichloroethene-d2	2.306	65	35680	48.729	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.460%		
21) 2-Butanone-d5	4.452	46	151855	100.571	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.570%		
24) Chloroform-d	5.056	84	144617	48.975	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.960%		
26) 1,2-Dichloroethane-d4	5.952	65	98986	51.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.520%		
32) Benzene-d6	5.977	84	295111	48.736	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.480%		
36) 1,2-Dichloropropane-d6	7.306	67	94529	48.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.020%		
41) Toluene-d8	8.647	98	261848	47.717	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.440%		
43) trans-1,3-Dichloroprop...	8.952	79	43026	43.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.780%		
47) 2-Hexanone-d5	9.384	63	109319	93.925	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.920%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131162	47.446	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.900%		
66) 1,2-Dichlorobenzene-d4	12.317	152	88976	49.589	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.180%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	22335	12.784	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	3954	2.715	ug/L #	80
12) 1,1-Dichloroethene	2.319	96	166478	121.513	ug/L #	80
13) Acetone	2.373	43	91036	62.760	ug/L	96
19) 1,1-Dichloroethane	3.611	63	15276	5.352	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	17557	10.486	ug/L	95
22) 2-Butanone	4.556	43	64637	36.309	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	20039	8.418	ug/L	97
33) Benzene	6.037	78	5686	0.912	ug/L	100
34) Trichloroethene	7.123	95	12865	7.807	ug/L	85

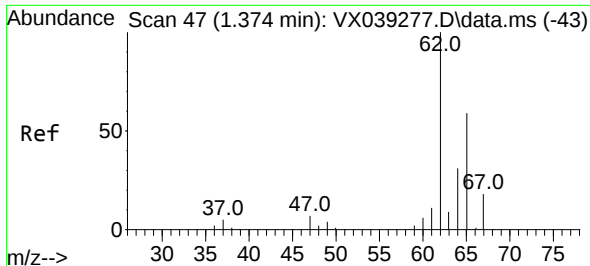
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

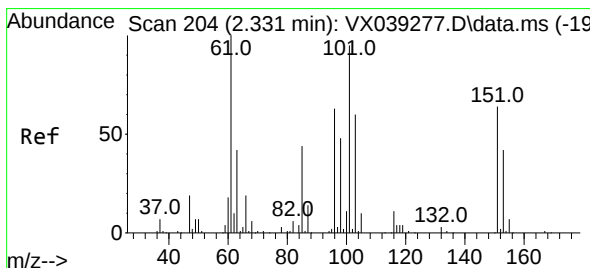
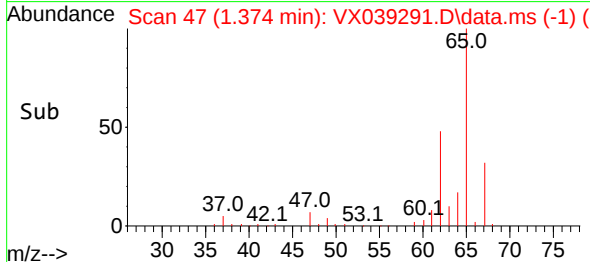
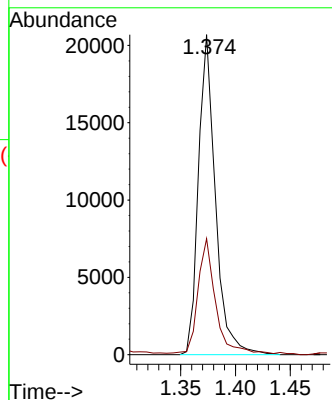
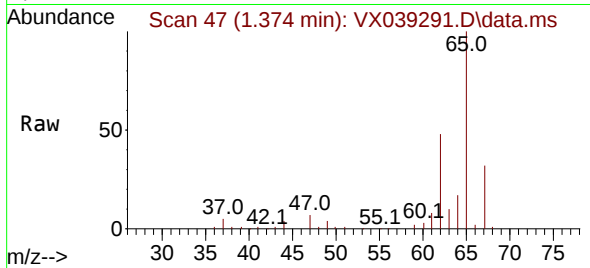




#5
 Vinyl chloride
 Concen: 12.784 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039291.D
 Acq: 16 Dec 2023 15:30

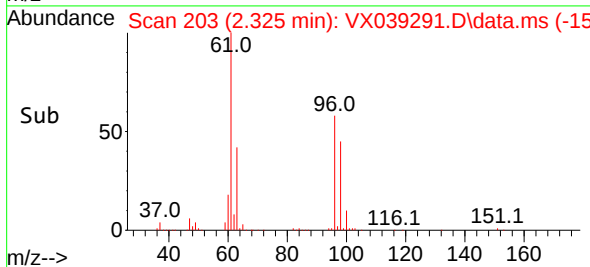
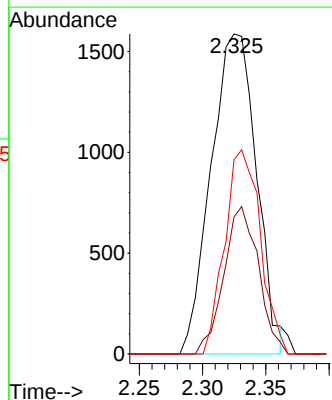
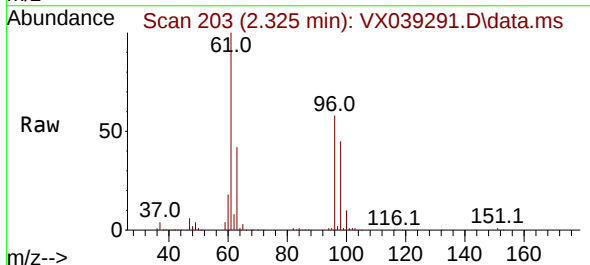
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE4

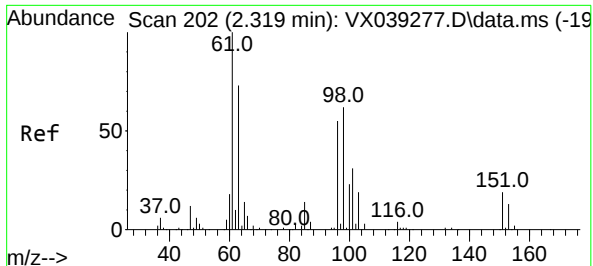
Tgt Ion: 62 Resp: 22335
 Ion Ratio Lower Upper
 62 100
 64 36.3 22.3 41.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.715 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX039291.D
 Acq: 16 Dec 2023 15:30

Tgt Ion: 101 Resp: 3954
 Ion Ratio Lower Upper
 101 100
 85 35.2 35.8 53.6#
 151 50.3 55.4 83.2#





#12

1,1-Dichloroethene

Concen: 121.513 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039291.D

Acq: 16 Dec 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

YC4E4

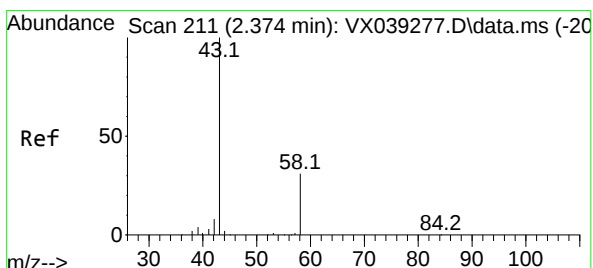
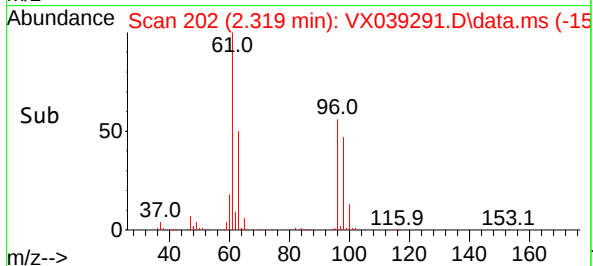
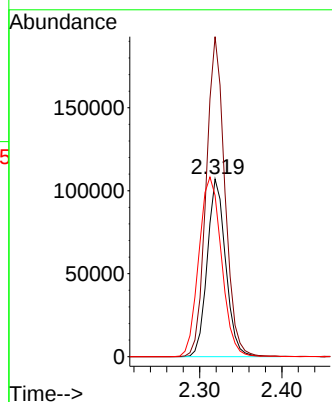
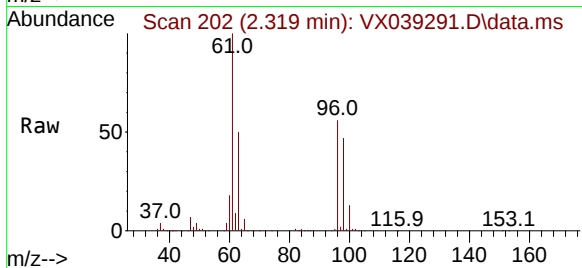
Tgt Ion: 96 Resp: 166478

Ion Ratio Lower Upper

96 100

61 180.1 128.0 237.6

63 90.7 101.5 188.5#



#13

Acetone

Concen: 62.760 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039291.D

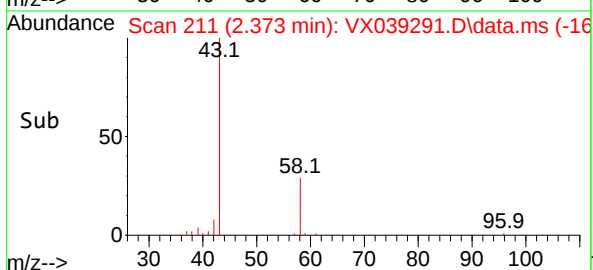
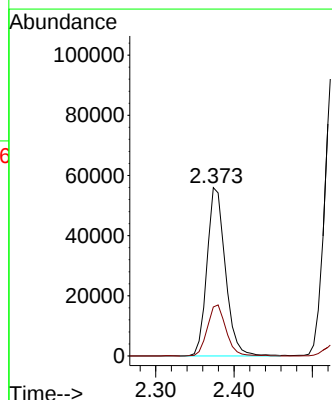
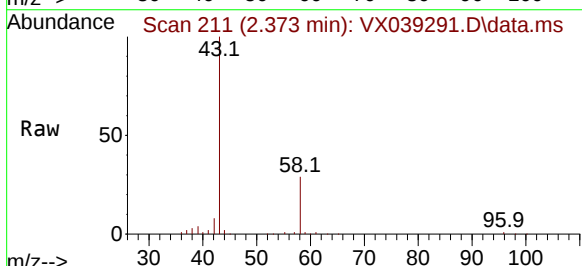
Acq: 16 Dec 2023 15:30

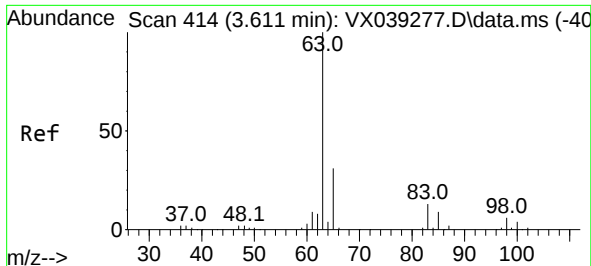
Tgt Ion: 43 Resp: 91036

Ion Ratio Lower Upper

43 100

58 30.7 0.0 65.8





#19

1,1-Dichloroethane

Concen: 5.352 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039291.D

Acq: 16 Dec 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

YC4

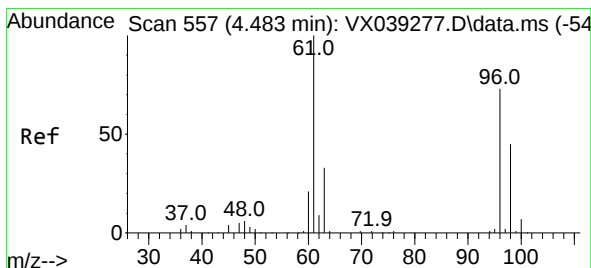
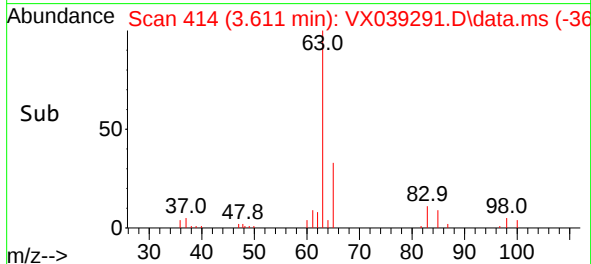
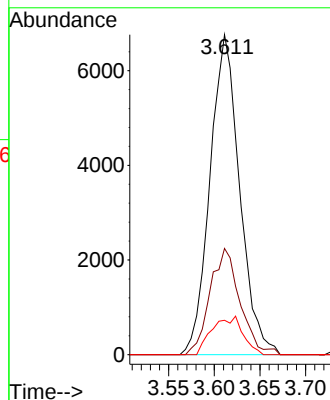
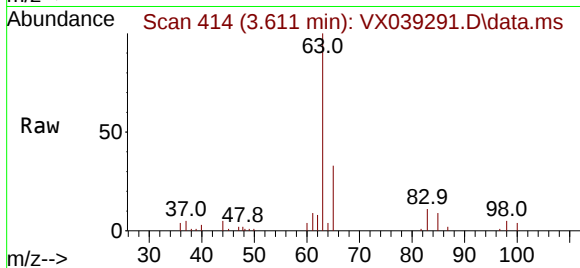
Tgt Ion: 63 Resp: 15276

Ion Ratio Lower Upper

63 100

65 33.2 21.1 39.3

83 10.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 10.486 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039291.D

Acq: 16 Dec 2023 15:30

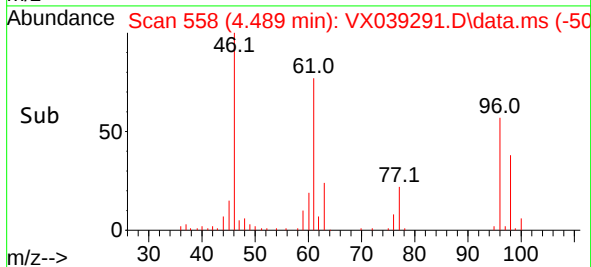
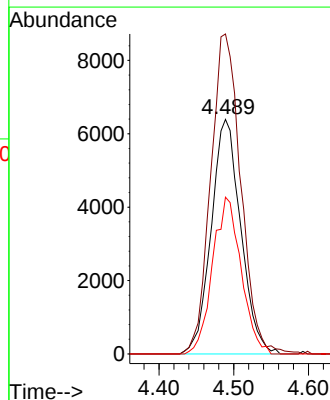
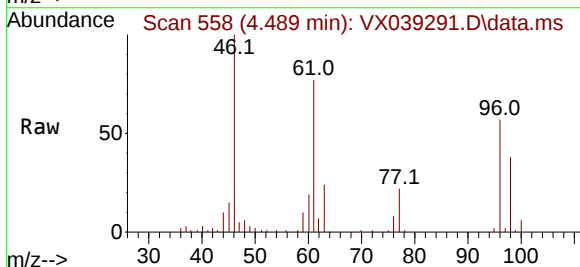
Tgt Ion: 96 Resp: 17557

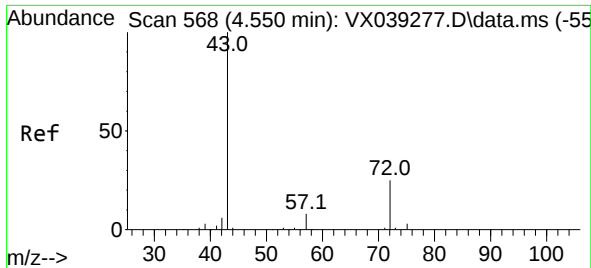
Ion Ratio Lower Upper

96 100

61 136.4 91.7 170.3

98 66.8 44.2 82.2

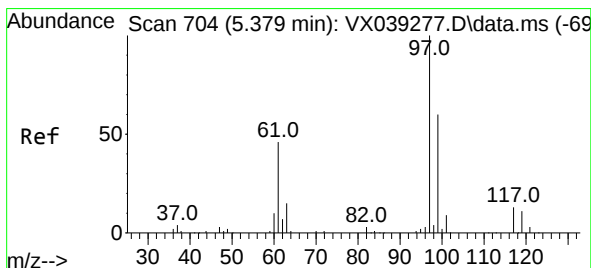
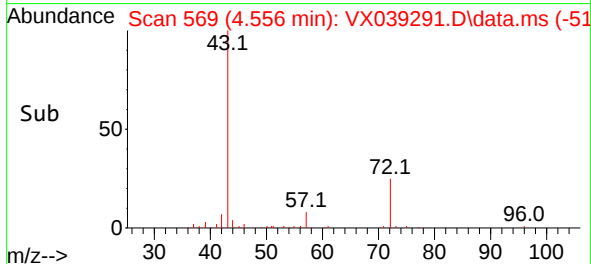
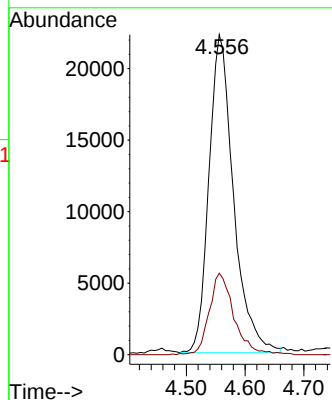
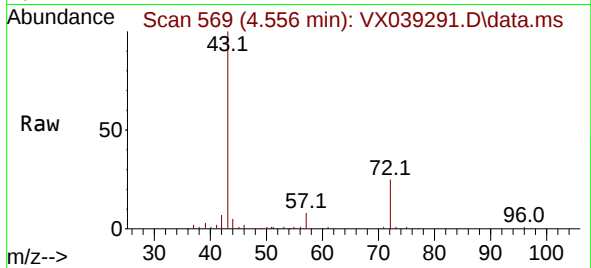




#22
2-Butanone
Concen: 36.309 ug/L
RT: 4.556 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX039291.D
Acq: 16 Dec 2023 15:30

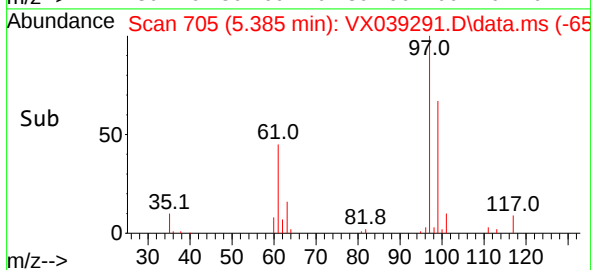
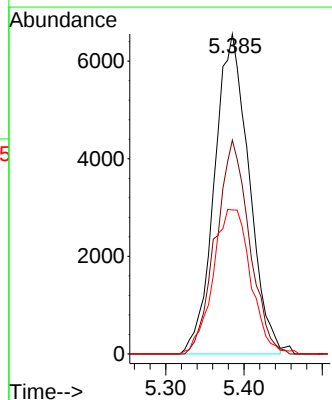
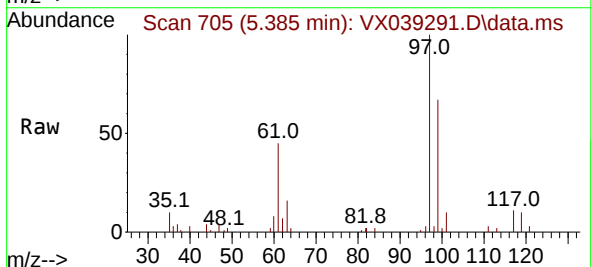
Instrument :
MSVOA_X
ClientSampleId :
YCHE4

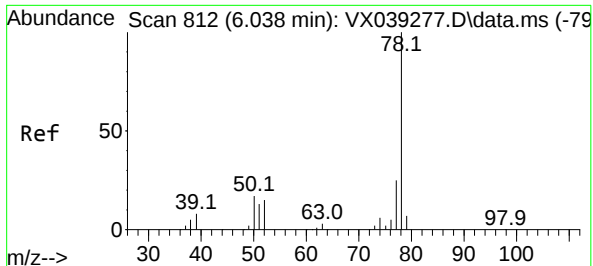
Tgt Ion: 43 Resp: 64637
Ion Ratio Lower Upper
43 100
72 24.9 12.6 37.6



#30
1,1,1-Trichloroethane
Concen: 8.418 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039291.D
Acq: 16 Dec 2023 15:30

Tgt Ion: 97 Resp: 20039
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 49.3 36.7 55.1

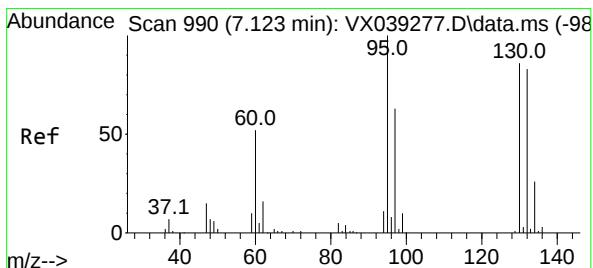
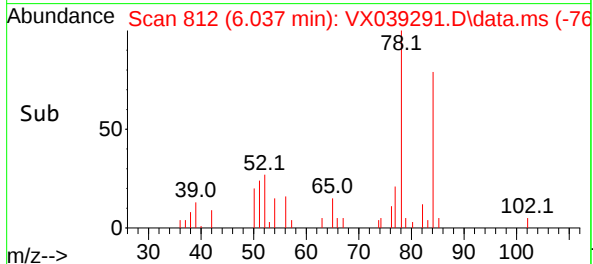
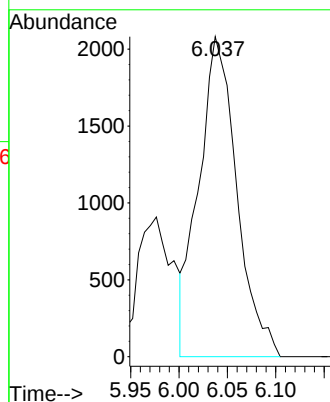
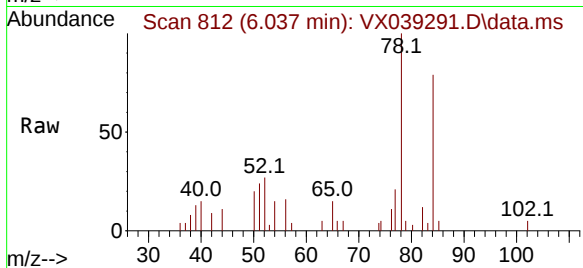




#33
Benzene
Concen: 0.912 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039291.D
Acq: 16 Dec 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
YCHE4

Tgt Ion: 78 Resp: 5686



#34
Trichloroethene
Concen: 7.807 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039291.D
Acq: 16 Dec 2023 15:30

Tgt Ion: 95 Resp: 12865
Ion Ratio Lower Upper
95 100
97 55.5 45.5 84.5
132 77.2 62.2 115.4
130 76.8 67.0 124.4

