

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039286.D
 Acq On : 16 Dec 2023 13:35
 Operator : JC/MD
 Sample : 05845-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:12:12 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)

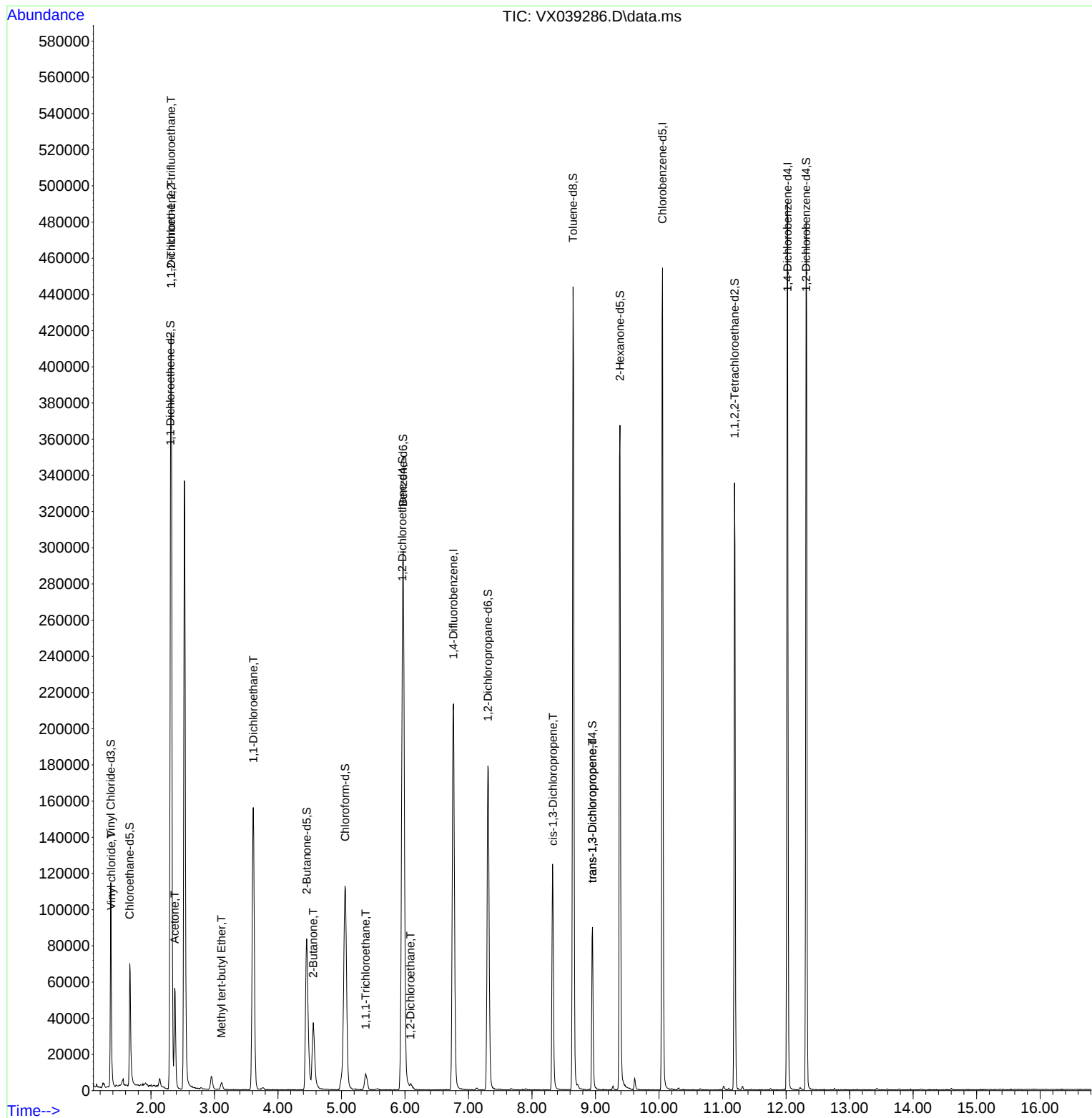
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	211858	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	196172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68877	41.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.900%
7) Chloroethane-d5	1.666	69	51162	41.655	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.300%
11) 1,1-Dichloroethene-d2	2.306	65	35569	48.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.520%
21) 2-Butanone-d5	4.452	46	147179	97.848	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.850%
24) Chloroform-d	5.056	84	141747	48.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.380%
26) 1,2-Dichloroethane-d4	5.958	65	96669	50.743	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.480%
32) Benzene-d6	5.970	84	287999	47.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
36) 1,2-Dichloropropane-d6	7.305	67	92599	47.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.060%
41) Toluene-d8	8.647	98	258560	47.126	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.260%
43) trans-1,3-Dichloroprop...	8.952	79	41919	42.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.560%
47) 2-Hexanone-d5	9.384	63	105157	90.364	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.360%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128229	46.393	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.780%
66) 1,2-Dichlorobenzene-d4	12.317	152	87169	48.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.620%
Target Compounds						
5) Vinyl chloride	1.374	62	2515	1.445	ug/L #	38
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	2493	1.718	ug/L #	61
12) 1,1-Dichloroethene	2.319	96	99330	72.779	ug/L	87
13) Acetone	2.373	43	57325	39.671	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	3957	0.791	ug/L	97
19) 1,1-Dichloroethane	3.611	63	176233	61.980	ug/L	98
22) 2-Butanone	4.556	43	65456	36.910	ug/L	98
27) 1,2-Dichloroethane	6.086	62	3165	1.414	ug/L #	90
30) 1,1,1-Trichloroethane	5.379	97	7611	3.198	ug/L	97
39) cis-1,3-Dichloropropene	8.330	75	3232	1.172	ug/L #	75
44) trans-1,3-Dichloropropene	8.952	75	2250	0.879	ug/L	96

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

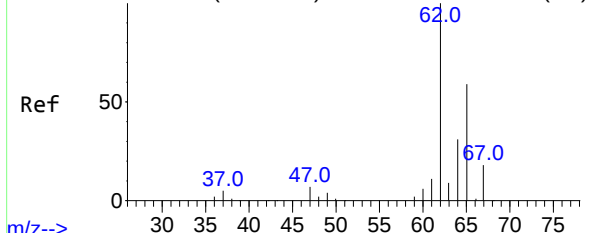
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration



Abundance Scan 47 (1.374 min): VX039277.D\data.ms (-43)



#5

Vinyl chloride

Concen: 1.445 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039286.D

Acq: 16 Dec 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

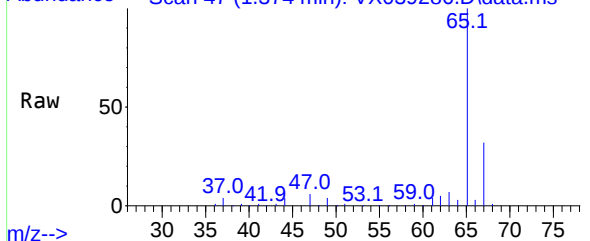
Tgt Ion: 62 Resp: 2515

Ion Ratio Lower Upper

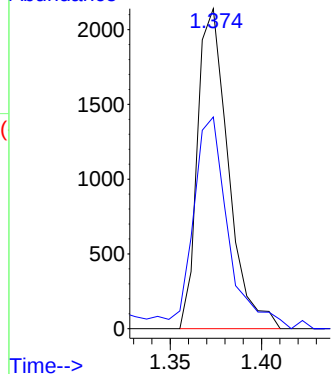
62 100

64 66.2 22.3 41.3#

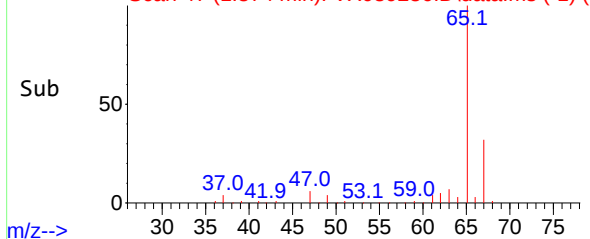
Abundance Scan 47 (1.374 min): VX039286.D\data.ms



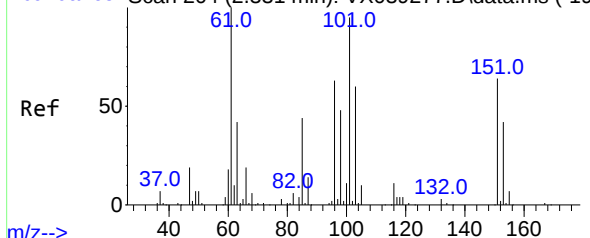
Abundance



Abundance Scan 47 (1.374 min): VX039286.D\data.ms (-1)



Abundance Scan 204 (2.331 min): VX039277.D\data.ms (-19)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.718 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.012 min

Lab File: VX039286.D

Acq: 16 Dec 2023 13:35

Tgt Ion: 101 Resp: 2493

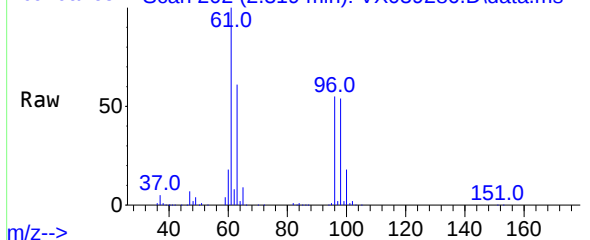
Ion Ratio Lower Upper

101 100

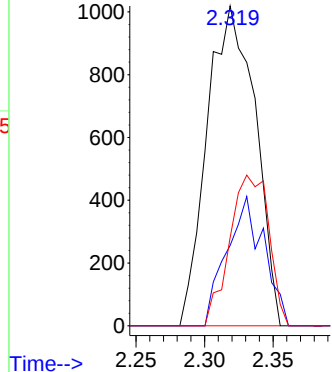
85 31.3 35.8 53.6#

151 27.1 55.4 83.2#

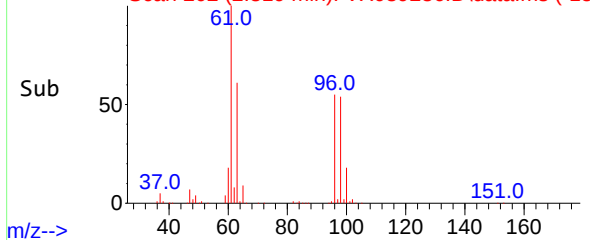
Abundance Scan 202 (2.319 min): VX039286.D\data.ms

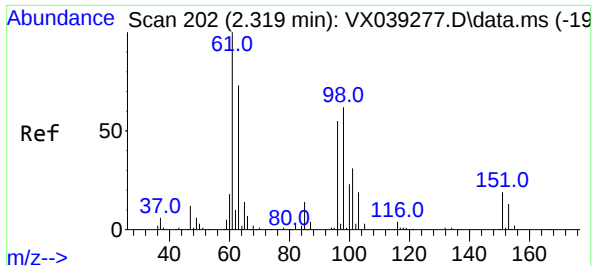


Abundance



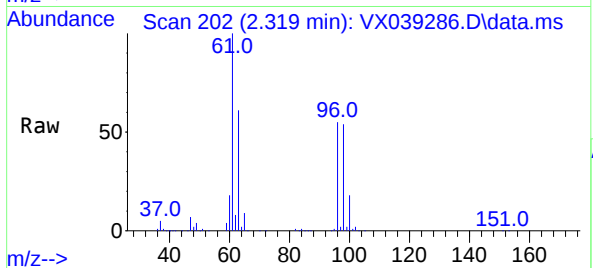
Abundance Scan 202 (2.319 min): VX039286.D\data.ms (-15)



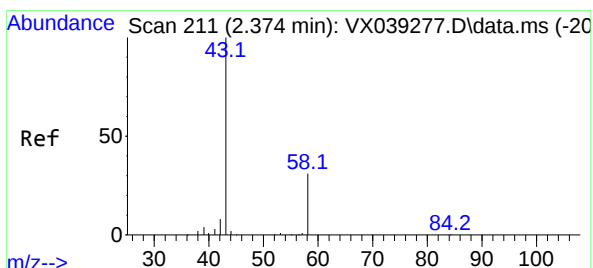
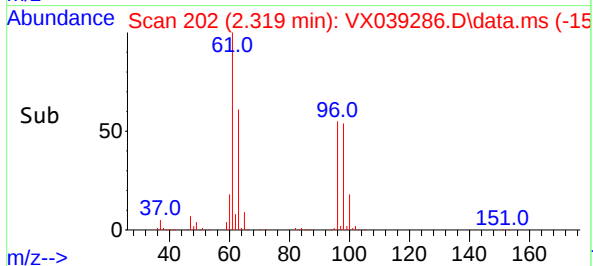
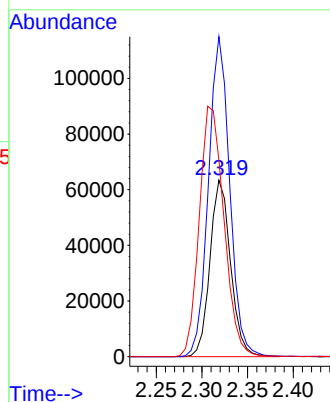


#12
1,1-Dichloroethene
Concen: 72.779 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039286.D
Acq: 16 Dec 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :

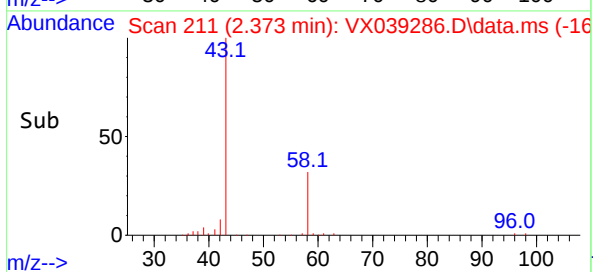
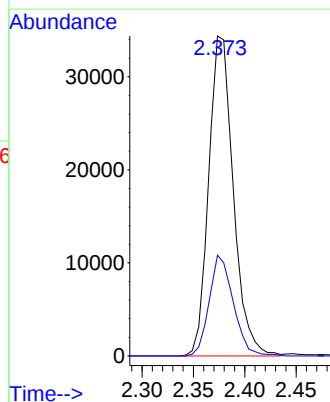
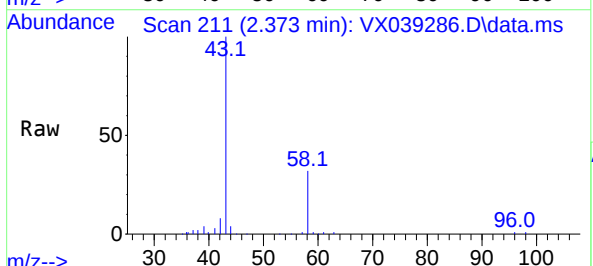


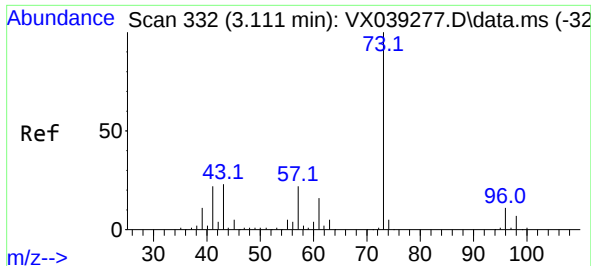
Tgt Ion: 96 Resp: 99330
Ion Ratio Lower Upper
96 100
61 181.2 128.0 237.6
63 111.2 101.5 188.5



#13
Acetone
Concen: 39.671 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039286.D
Acq: 16 Dec 2023 13:35

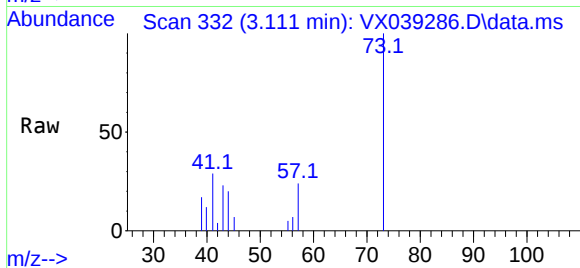
Tgt Ion: 43 Resp: 57325
Ion Ratio Lower Upper
43 100
58 30.6 0.0 65.8



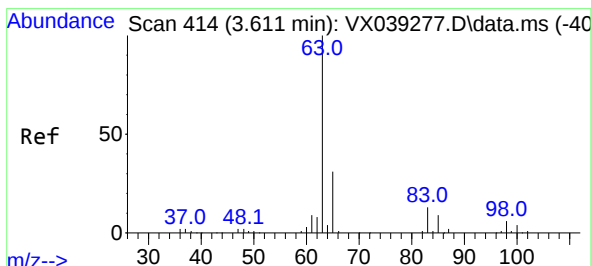
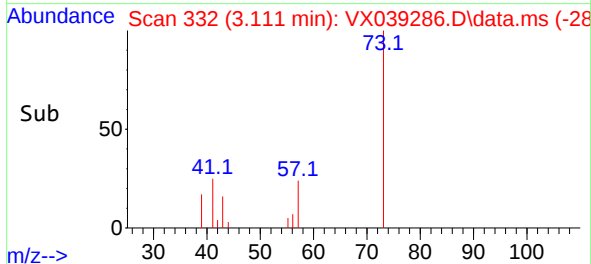
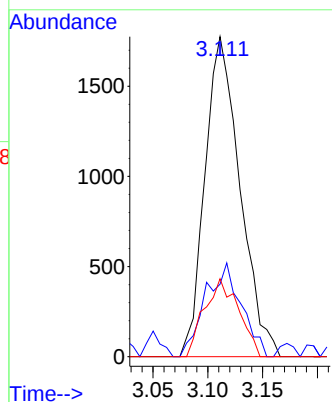


#18
Methyl tert-butyl Ether
Concen: 0.791 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039286.D
Acq: 16 Dec 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :

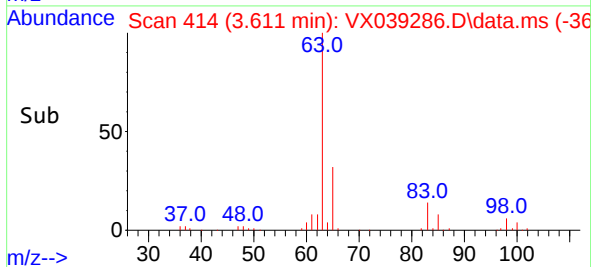
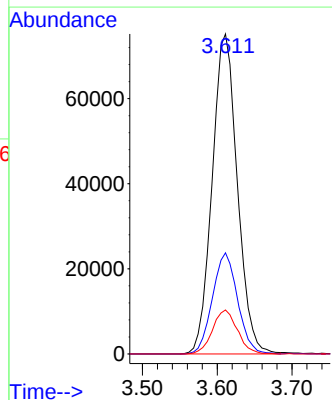
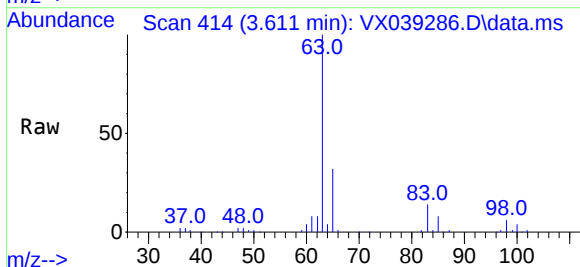


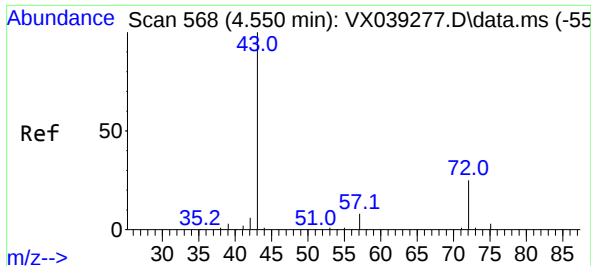
Tgt Ion: 73 Resp: 3957
Ion Ratio Lower Upper
73 100
43 18.8 16.9 25.3
57 23.7 18.5 27.7



#19
1,1-Dichloroethane
Concen: 61.980 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039286.D
Acq: 16 Dec 2023 13:35

Tgt Ion: 63 Resp: 176233
Ion Ratio Lower Upper
63 100
65 31.6 21.1 39.3
83 13.7 9.7 17.9

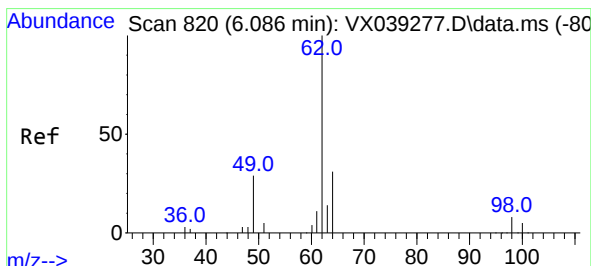
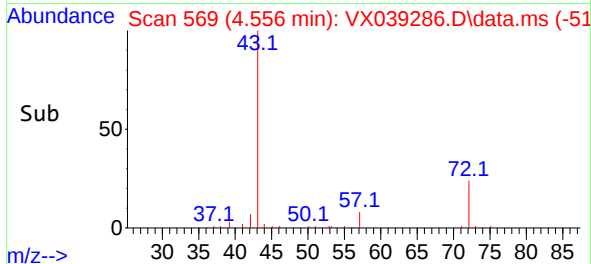
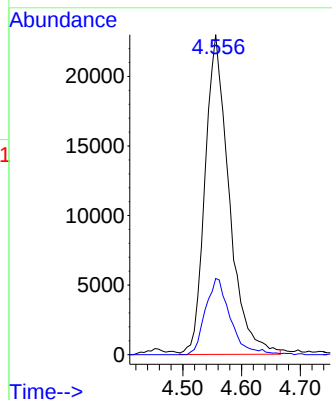
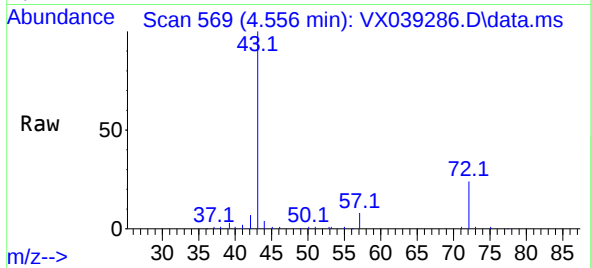




#22
2-Butanone
Concen: 36.910 ug/L
RT: 4.556 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX039286.D
Acq: 16 Dec 2023 13:35

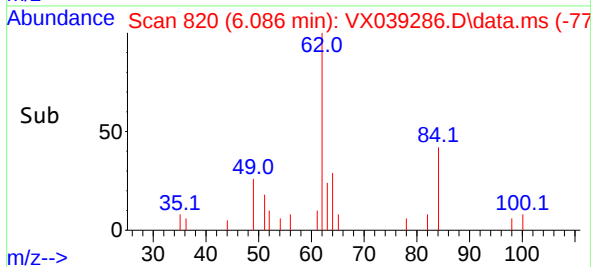
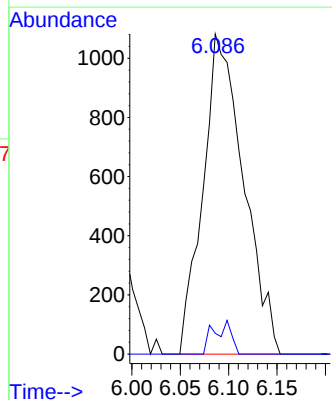
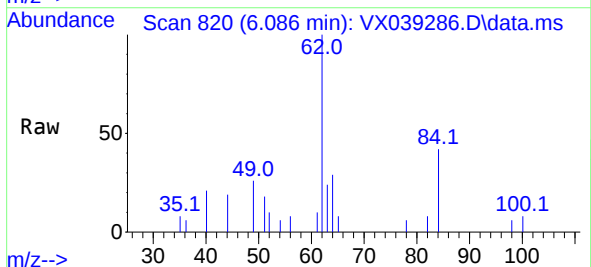
Instrument :
MSVOA_X
ClientSampleId :

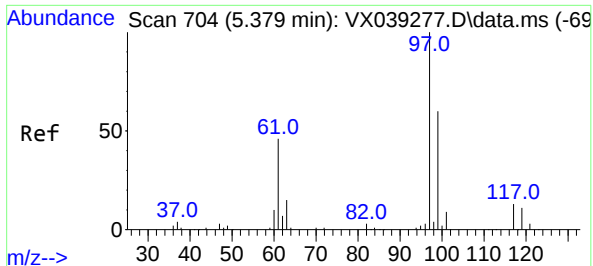
Tgt Ion: 43 Resp: 65456
Ion Ratio Lower Upper
43 100
72 24.1 12.6 37.6



#27
1,2-Dichloroethane
Concen: 1.414 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039286.D
Acq: 16 Dec 2023 13:35

Tgt Ion: 62 Resp: 3165
Ion Ratio Lower Upper
62 100
98 6.5 8.0 12.0#

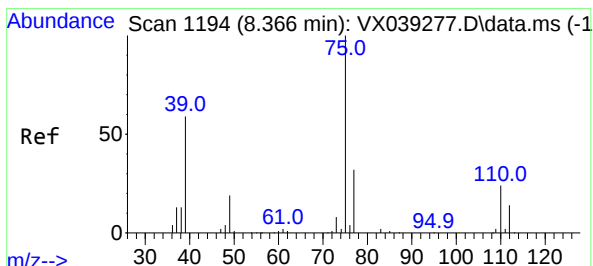
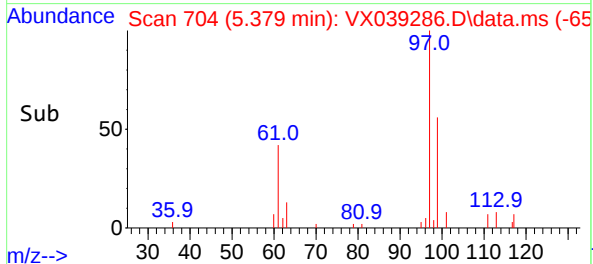
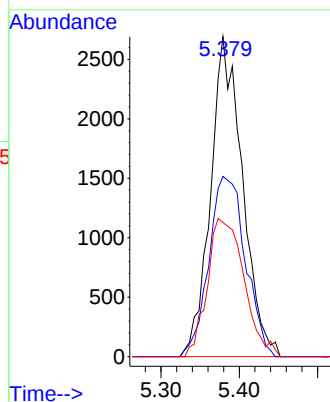
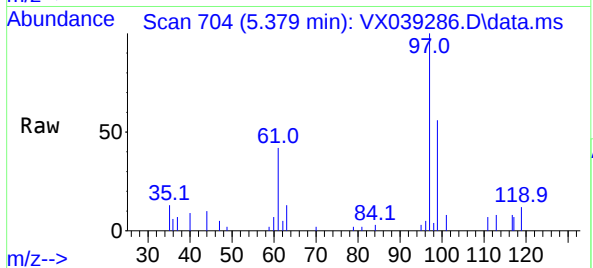




#30
1,1,1-Trichloroethane
Concen: 3.198 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039286.D
Acq: 16 Dec 2023 13:35

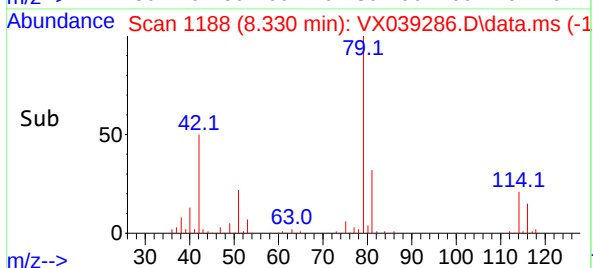
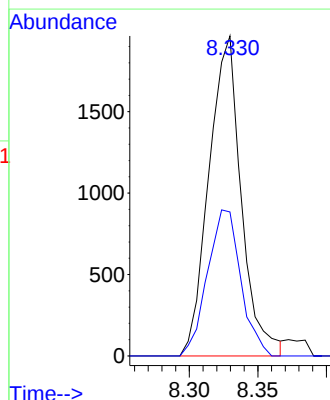
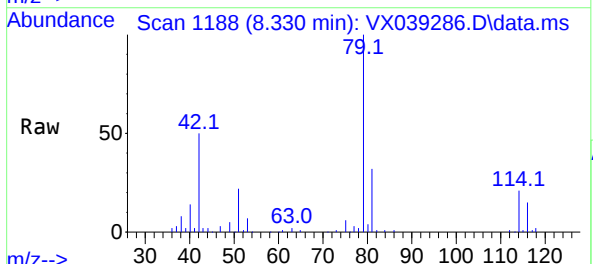
Instrument :
MSVOA_X
ClientSampleId :

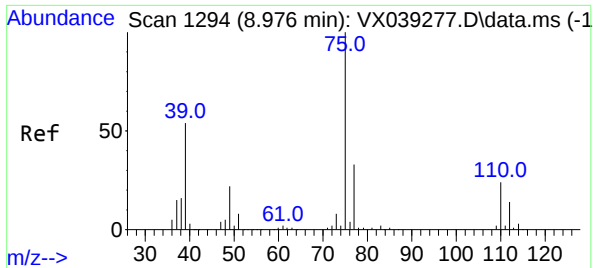
Tgt Ion:	97	Resp:	7611
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	49.6	36.7	55.1



#39
cis-1,3-Dichloropropene
Concen: 1.172 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.031 min
Lab File: VX039286.D
Acq: 16 Dec 2023 13:35

Tgt Ion:	75	Resp:	3232
Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.0	40.8#





#44
trans-1,3-Dichloropropene
Concen: 0.879 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039286.D
Acq: 16 Dec 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2250
Ion Ratio Lower Upper
75 100
77 29.2 22.0 40.8

