

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039259.D
 Acq On : 16 Dec 2023 03:09
 Operator : JC/MD
 Sample : 05845-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 04:21:29 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)

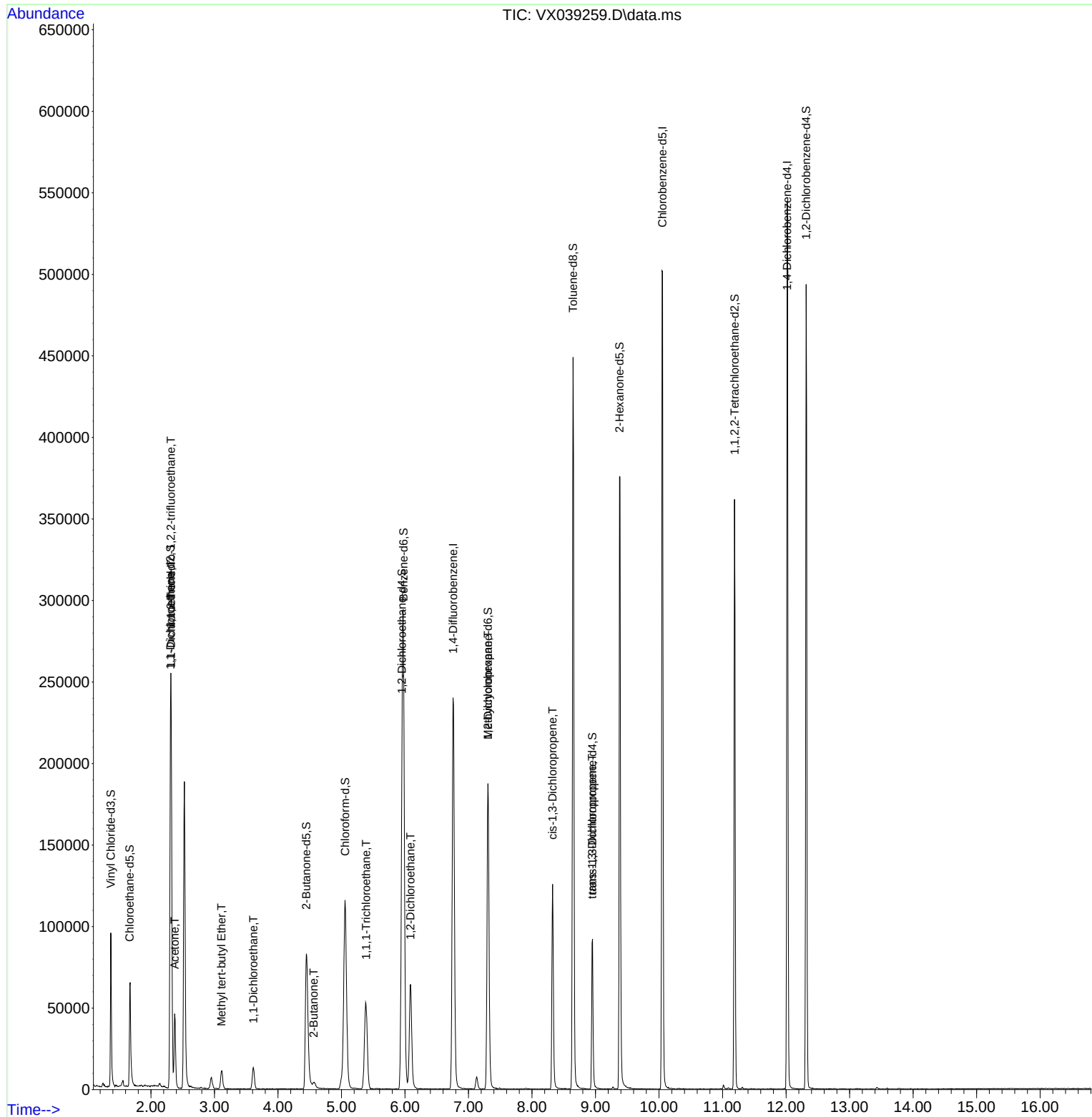
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	235637	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	217374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62112	33.607	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.220%
7) Chloroethane-d5	1.666	69	49210	36.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.040%
11) 1,1-Dichloroethene-d2	2.307	65	32520	40.084	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.160%
21) 2-Butanone-d5	4.446	46	152180	90.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.960%
24) Chloroform-d	5.056	84	142802	43.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.300%
26) 1,2-Dichloroethane-d4	5.952	65	100914	47.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
32) Benzene-d6	5.977	84	286310	42.678	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.360%
36) 1,2-Dichloropropane-d6	7.306	67	93979	43.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.060%
41) Toluene-d8	8.647	98	256332	42.163	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.320%
43) trans-1,3-Dichloroprop...	8.952	79	43108	39.237	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.480%
47) 2-Hexanone-d5	9.378	63	107341	83.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.240%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136836	44.678	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	89401	47.110	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.220%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1396	0.865	ug/L #	45
12) 1,1-Dichloroethene	2.319	96	40112	26.424	ug/L #	76
13) Acetone	2.374	43	46855	29.153	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	11699	2.101	ug/L #	94
19) 1,1-Dichloroethane	3.611	63	15103	4.776	ug/L	95
22) 2-Butanone	4.562	43	7272	3.687	ug/L	83
27) 1,2-Dichloroethane	6.086	62	70437	28.292	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	51013	19.342	ug/L	99
35) Methylcyclohexane	7.306	83	21751	7.154	ug/L #	19
39) cis-1,3-Dichloropropene	8.324	75	3230	1.057	ug/L #	73
44) trans-1,3-Dichloropropene	8.946	75	2369	0.835	ug/L	90

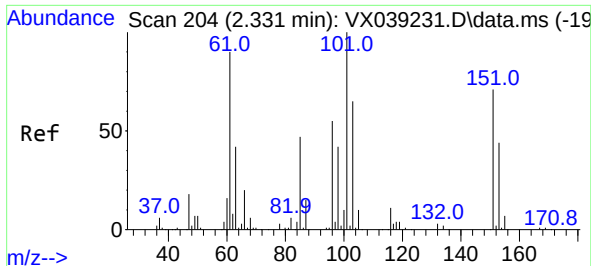
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039259.D
Acq On : 16 Dec 2023 03:09
Operator : JC/MD
Sample : 05845-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 16 04:21:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

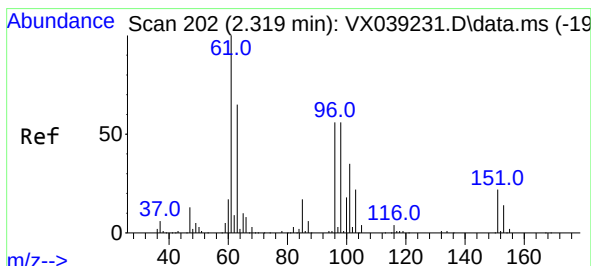
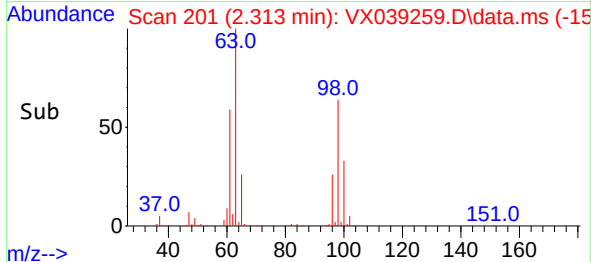
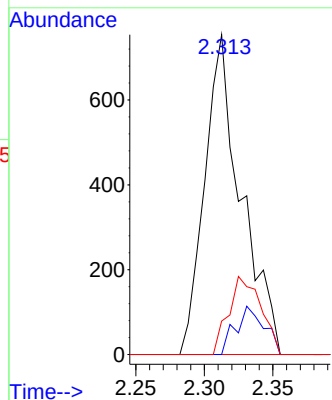
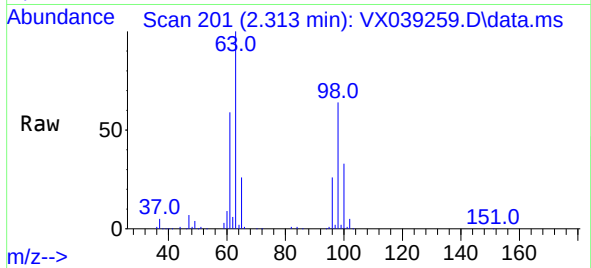




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.865 ug/L
RT: 2.313 min Scan# 204
Delta R.T. -0.018 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

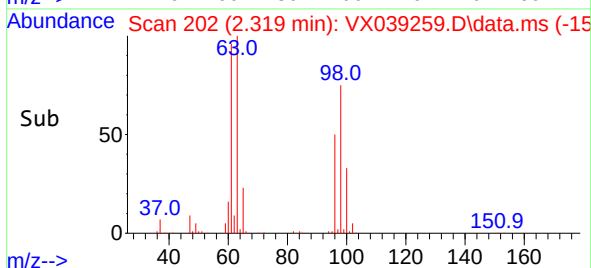
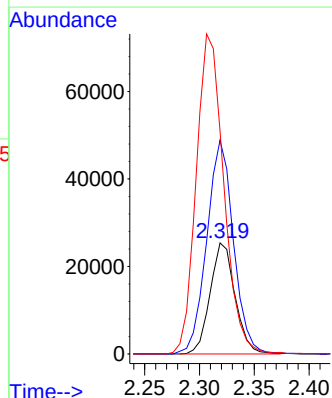
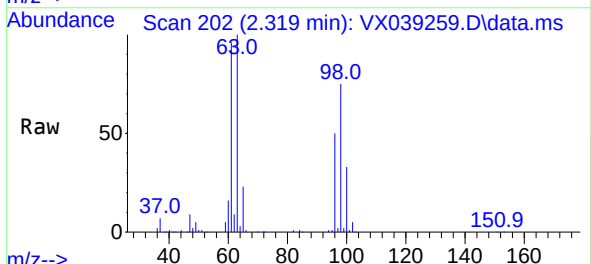
Instrument :
MSVOA_X
ClientSampleId :

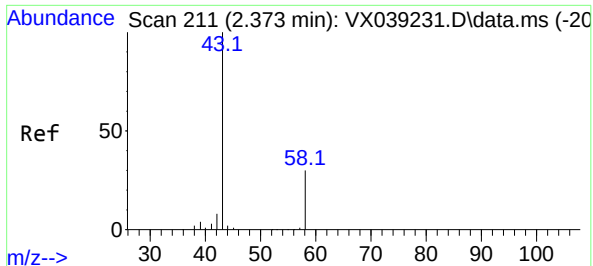
Tgt Ion:101 Resp: 1396
Ion Ratio Lower Upper
101 100
85 11.8 35.8 53.6#
151 21.7 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 26.424 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

Tgt Ion: 96 Resp: 40112
Ion Ratio Lower Upper
96 100
61 192.4 128.0 237.6
63 200.7 101.5 188.5#

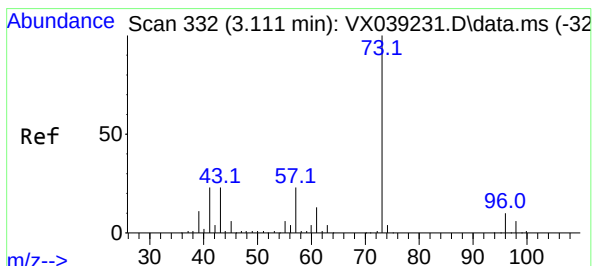
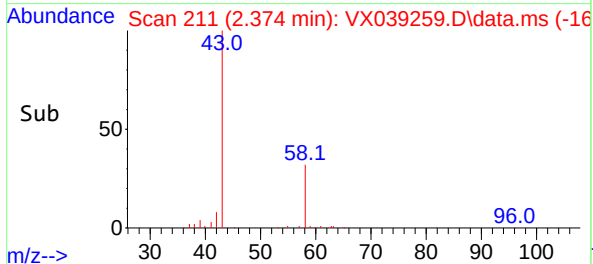
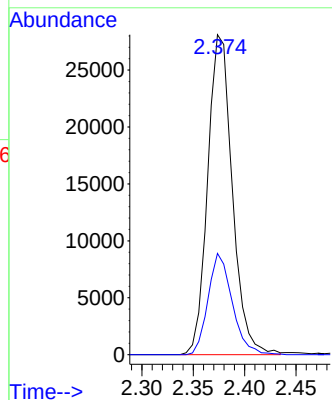
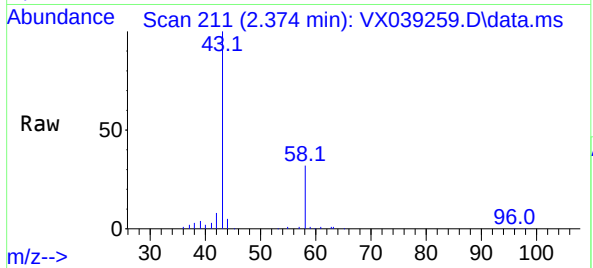




#13
Acetone
Concen: 29.153 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

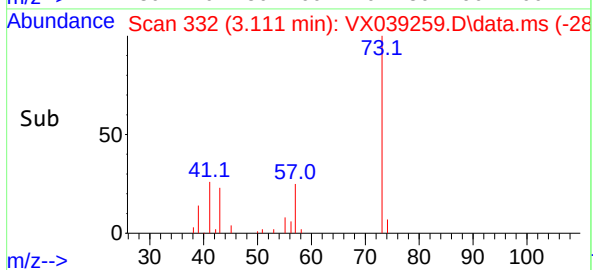
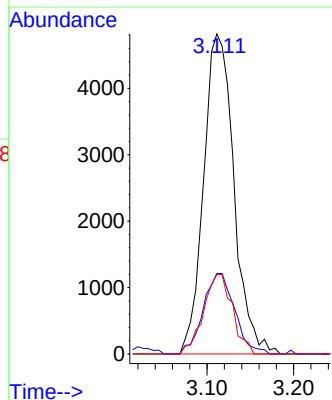
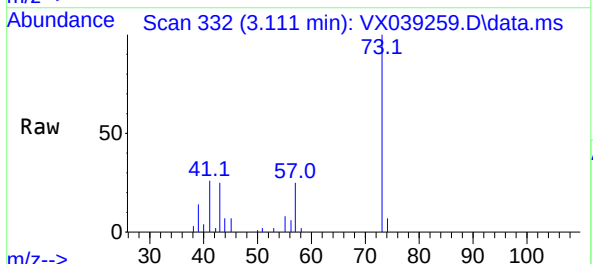
Instrument :
MSVOA_X
ClientSampleId :

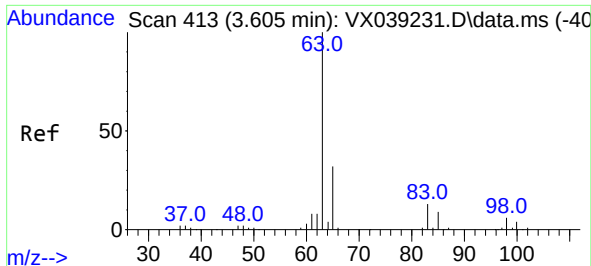
Tgt Ion: 43 Resp: 46855
Ion Ratio Lower Upper
43 100
58 31.0 0.0 65.8



#18
Methyl tert-butyl Ether
Concen: 2.101 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

Tgt Ion: 73 Resp: 11699
Ion Ratio Lower Upper
73 100
43 26.1 16.9 25.3#
57 23.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 4.776 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

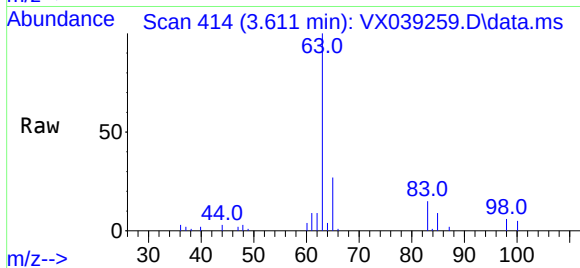
Lab File: VX039259.D

Acq: 16 Dec 2023 03:09

Instrument :

MSVOA_X

ClientSampleId :



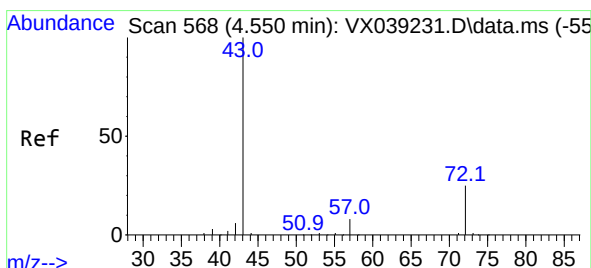
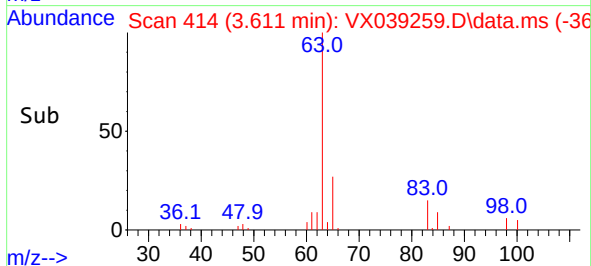
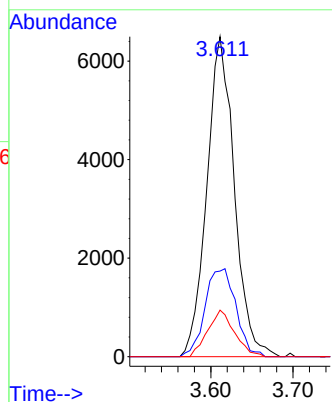
Tgt Ion: 63 Resp: 15103

Ion Ratio Lower Upper

63 100

65 26.8 21.1 39.3

83 14.6 9.7 17.9



#22

2-Butanone

Concen: 3.687 ug/L

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX039259.D

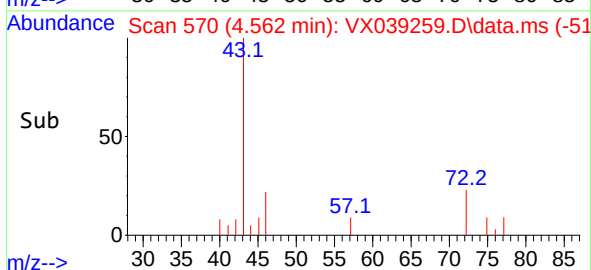
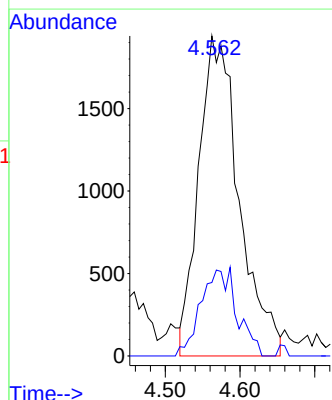
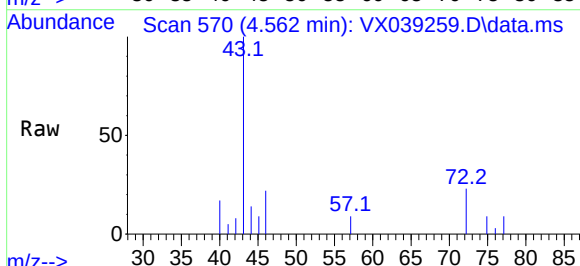
Acq: 16 Dec 2023 03:09

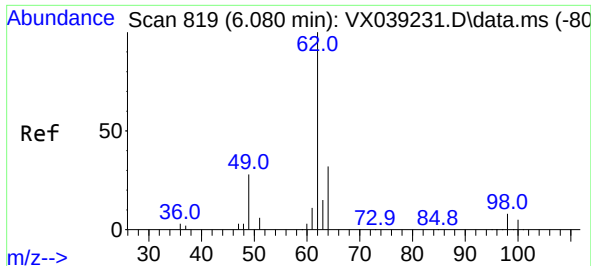
Tgt Ion: 43 Resp: 7272

Ion Ratio Lower Upper

43 100

72 16.6 12.6 37.6

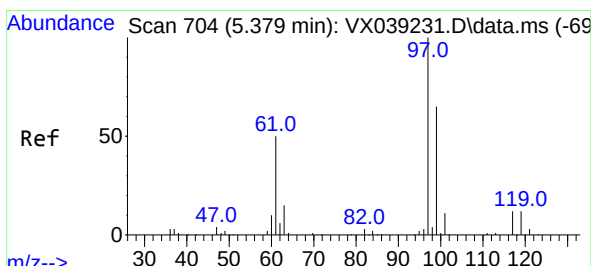
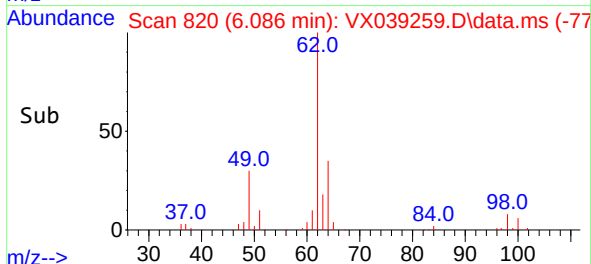
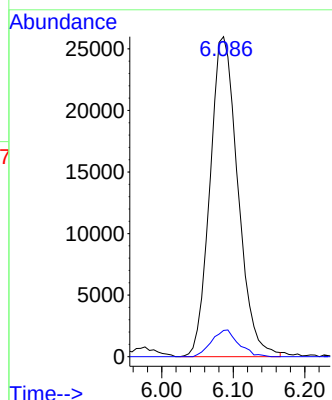
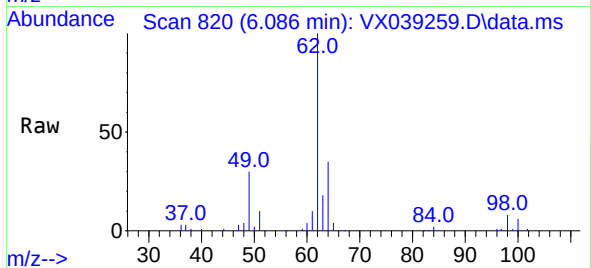




#27
1,2-Dichloroethane
Concen: 28.292 ug/L
RT: 6.086 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

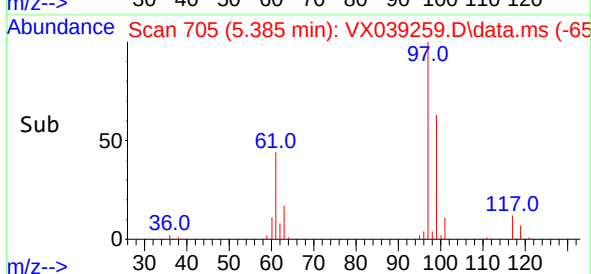
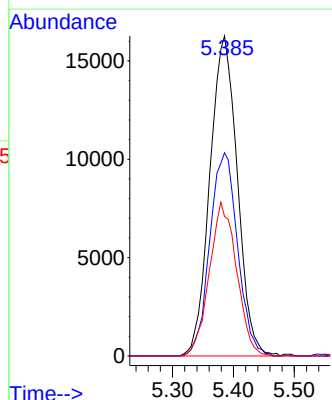
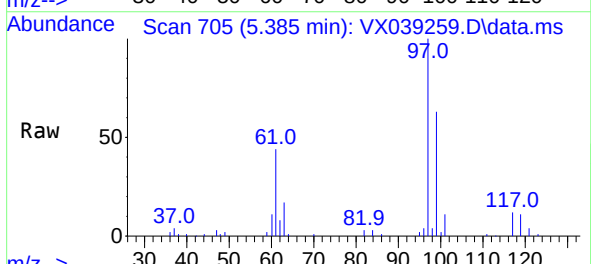
Instrument :
MSVOA_X
ClientSampleId :

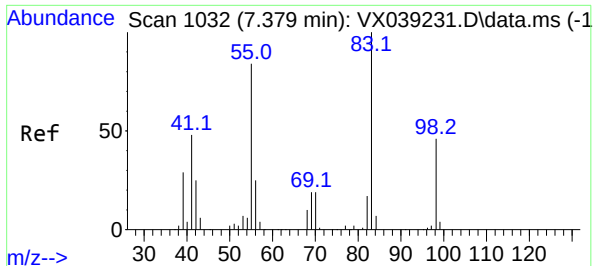
Tgt Ion: 62 Resp: 70437
Ion Ratio Lower Upper
62 100
98 8.2 8.0 12.0



#30
1,1,1-Trichloroethane
Concen: 19.342 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

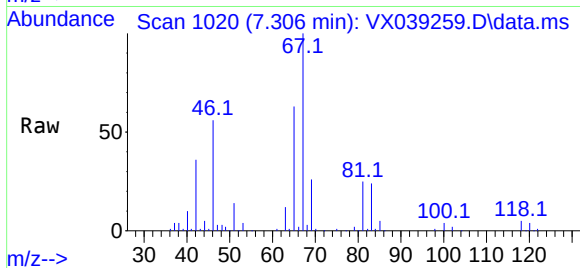
Tgt Ion: 97 Resp: 51013
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 47.5 36.7 55.1



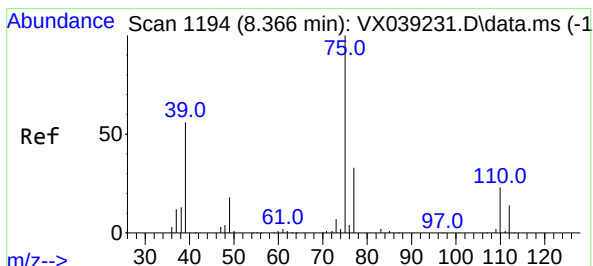
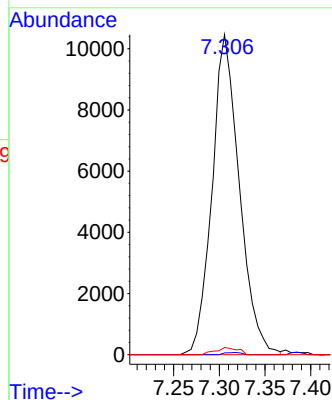
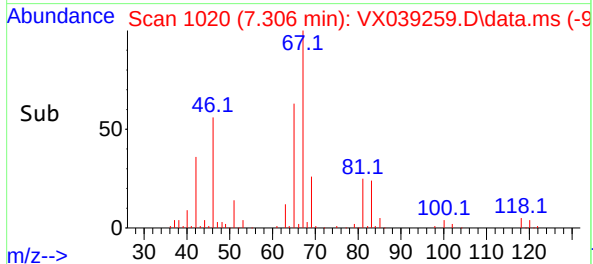


#35
Methylcyclohexane
Concen: 7.154 ug/L
RT: 7.306 min Scan# 1187
Delta R.T. -0.067 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

Instrument :
MSVOA_X
ClientSampleId :

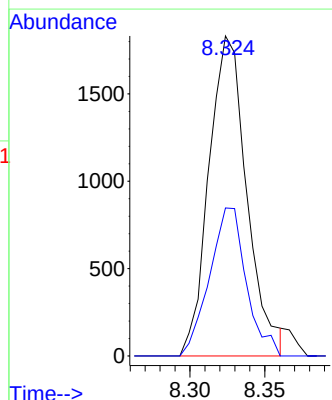
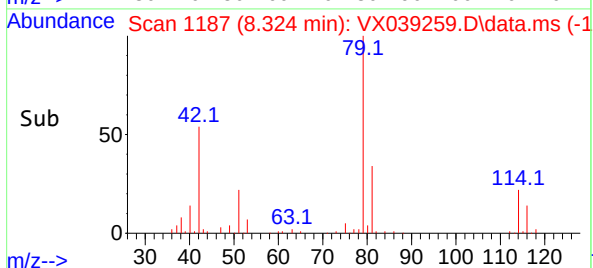
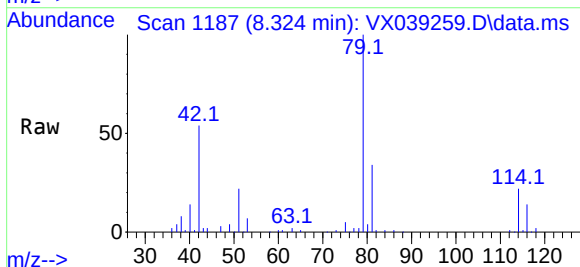


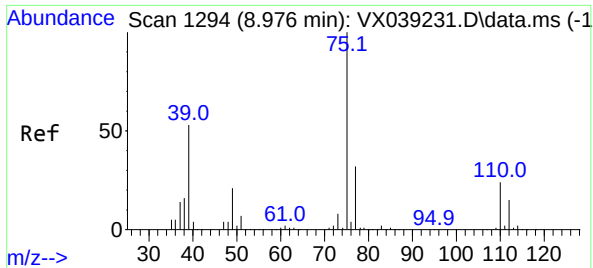
Tgt Ion: 83 Resp: 21751
Ion Ratio Lower Upper
83 100
55 0.4 62.5 93.7#
98 1.6 36.1 54.1#



#39
cis-1,3-Dichloropropene
Concen: 1.057 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.037 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

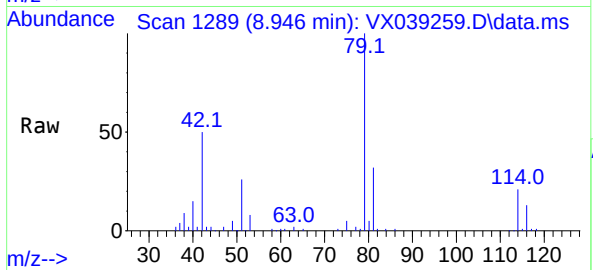
Tgt Ion: 75 Resp: 3230
Ion Ratio Lower Upper
75 100
77 46.2 22.0 40.8#





#44
trans-1,3-Dichloropropene
Concen: 0.835 ug/L
RT: 8.946 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039259.D
Acq: 16 Dec 2023 03:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 2369
Ion Ratio Lower Upper
75 100
77 36.7 22.0 40.8

