

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040682.D
 Acq On : 16 Mar 2024 02:42
 Operator : JC/MD
 Sample : P1754-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 05:56:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

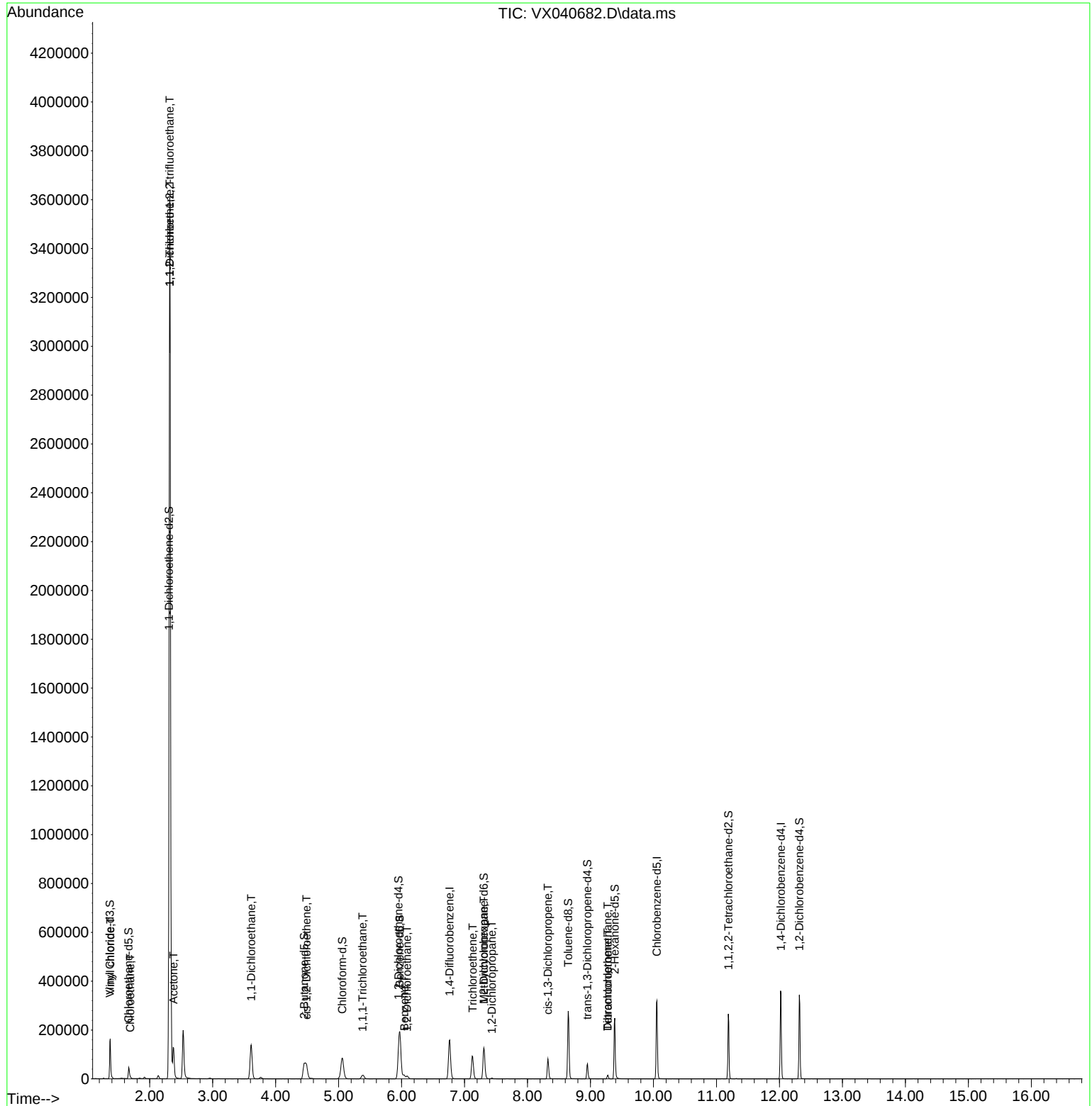
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	152263	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	136583	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41757	31.285	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.580%
7) Chloroethane-d5	1.666	69	33873	31.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.580%#
11) 1,1-Dichloroethene-d2	2.306	65	20161	32.813	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.620%
21) 2-Butanone-d5	4.452	46	98699	96.365	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.360%
24) Chloroform-d	5.056	84	106193	42.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	5.952	65	80025	43.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.480%
32) Benzene-d6	5.970	84	176356	42.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.180%
36) 1,2-Dichloropropane-d6	7.306	67	58958	45.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.800%
41) Toluene-d8	8.647	98	156098	38.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.320%#
43) trans-1,3-Dichloroprop...	8.952	79	27673	40.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.080%
47) 2-Hexanone-d5	9.384	63	66076	92.210	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.210%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94798	48.754	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.500%
66) 1,2-Dichlorobenzene-d4	12.317	152	64561	43.788	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.580%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	74850	58.563	ug/L	99
8) Chloroethane	1.691	64	1759	2.400	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	4160	3.944	ug/L #	57
12) 1,1-Dichloroethene	2.319	96	1051458	1132.898	ug/L #	71
13) Acetone	2.380	43	132359	180.966	ug/L	97
19) 1,1-Dichloroethane	3.611	63	152587	82.420	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	28981	27.126	ug/L	97
27) 1,2-Dichloroethane	6.086	62	12417	6.763	ug/L #	95
30) 1,1,1-Trichloroethane	5.379	97	9802	5.762	ug/L #	57
33) Benzene	6.044	78	15685	4.275	ug/L	100
34) Trichloroethene	7.129	95	35886	33.131	ug/L	98
35) Methylcyclohexane	7.306	83	14804	9.353	ug/L #	18
37) 1,2-Dichloropropane	7.434	63	1281	1.319	ug/L #	88
39) cis-1,3-Dichloropropene	8.324	75	2447	1.496	ug/L	93
46) Tetrachloroethene	9.275	164	2379	3.059	ug/L	88
49) Dibromochloromethane	9.275	129	2647	2.526	ug/L #	9

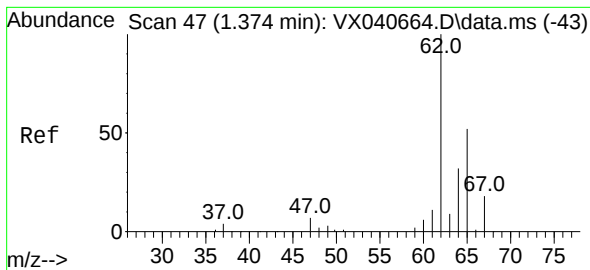
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :

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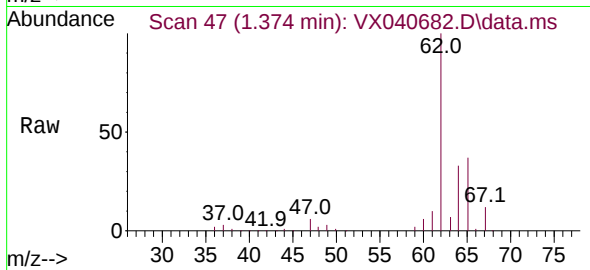
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ClientSampleId :



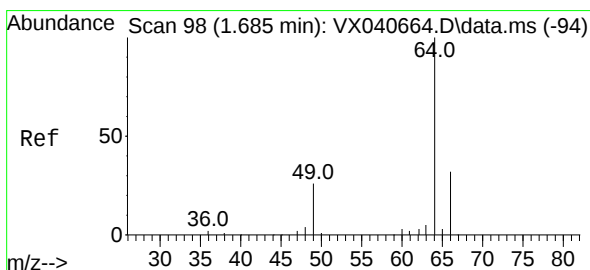
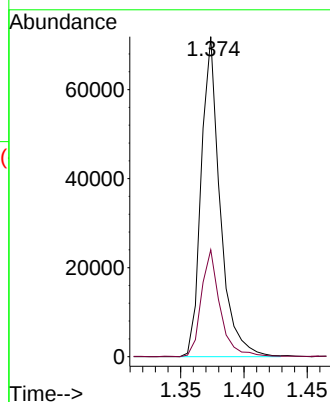
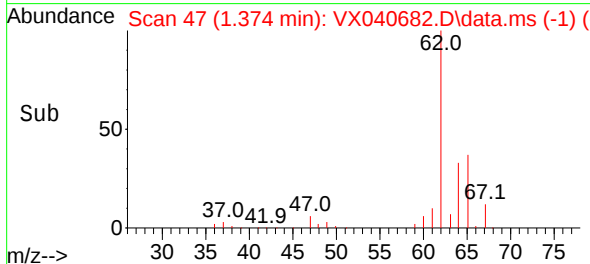


#5
 Vinyl chloride
 Concen: 58.563 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040682.D
 Acq: 16 Mar 2024 02:42

Instrument :
 MSVOA_X
 ClientSampleId :

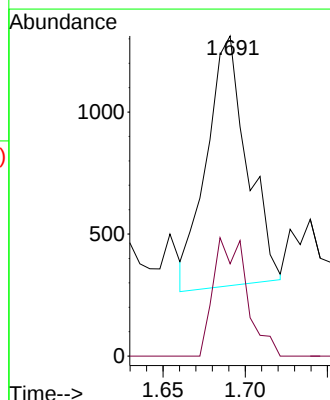
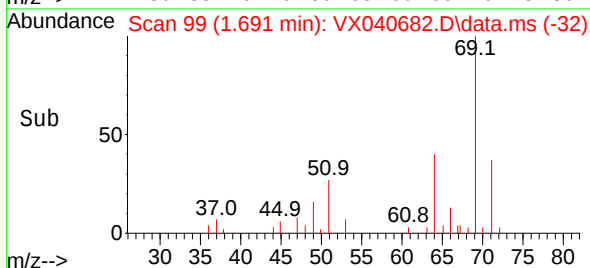
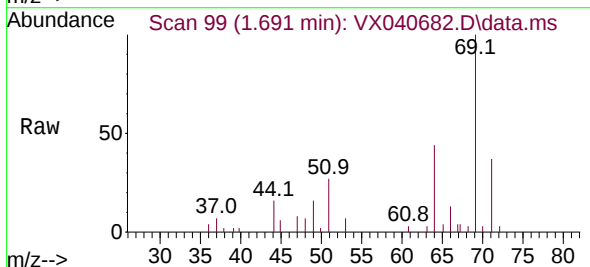


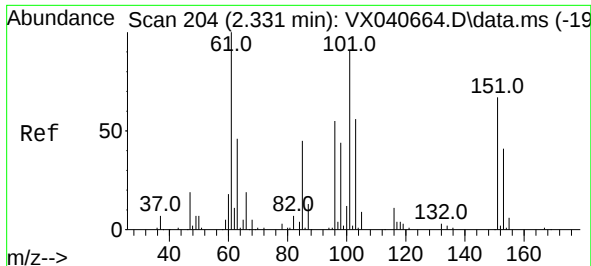
Tgt Ion: 62 Resp: 74850
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.8 44.2



#8
 Chloroethane
 Concen: 2.400 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VX040682.D
 Acq: 16 Mar 2024 02:42

Tgt Ion: 64 Resp: 1759
 Ion Ratio Lower Upper
 64 100
 66 28.8 25.0 46.4

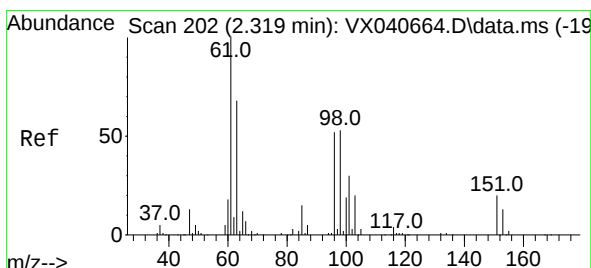
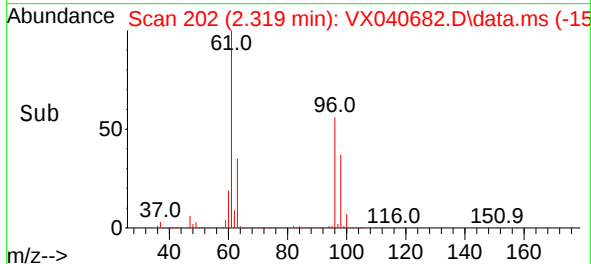
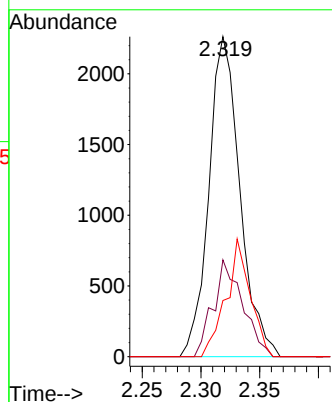
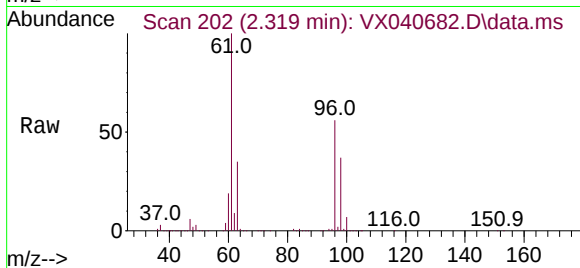




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.944 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

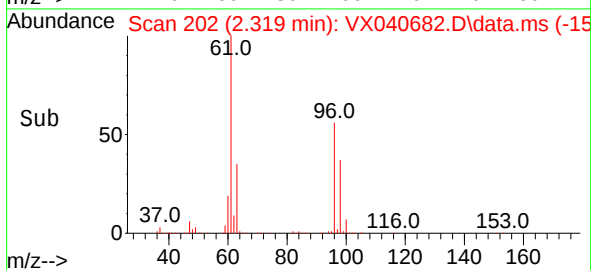
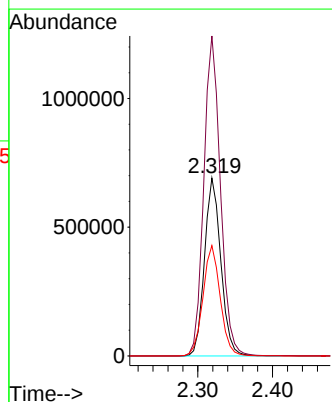
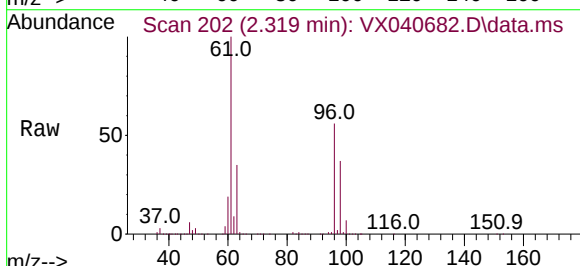
Instrument :
MSVOA_X
ClientSampleId :

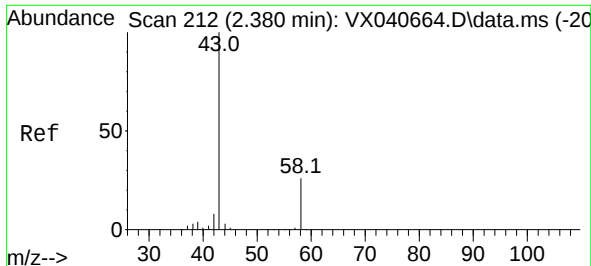
Tgt Ion:101 Resp: 4160
Ion Ratio Lower Upper
101 100
85 28.8 38.3 57.5#
151 28.7 57.7 86.5#



#12
1,1-Dichloroethene
Concen: 1132.898 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

Tgt Ion: 96 Resp: 1051458
Ion Ratio Lower Upper
96 100
61 179.9 134.8 250.4
63 62.1 92.5 171.9#





#13

Acetone

Concen: 180.966 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

Instrument :

MSVOA_X

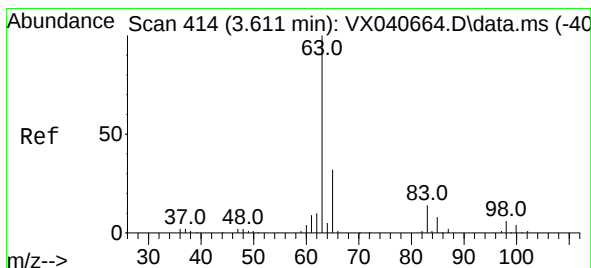
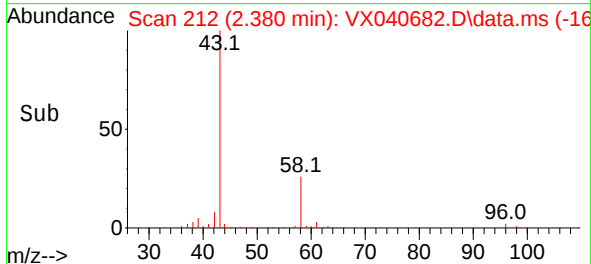
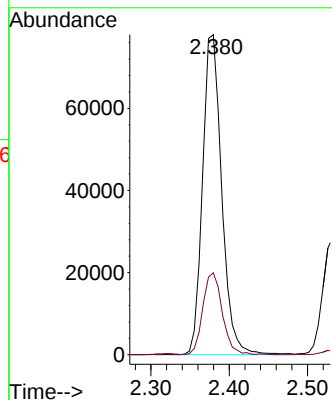
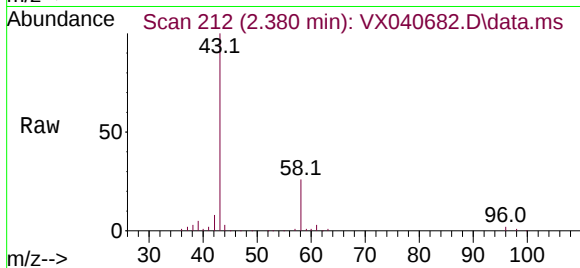
ClientSampleId :

Tgt Ion: 43 Resp: 132359

Ion Ratio Lower Upper

43 100

58 25.9 0.0 54.6



#19

1,1-Dichloroethane

Concen: 82.420 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

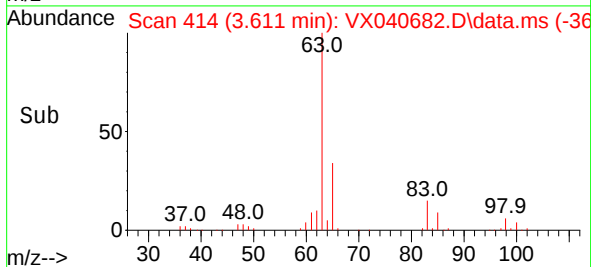
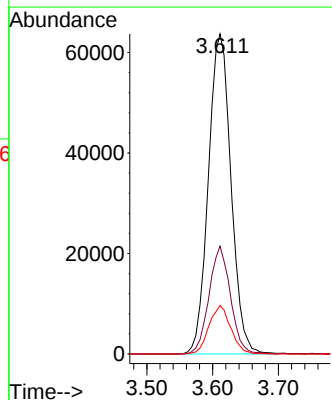
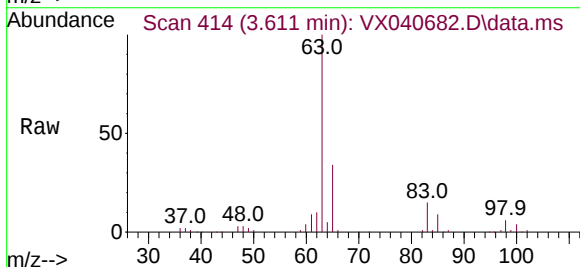
Tgt Ion: 63 Resp: 152587

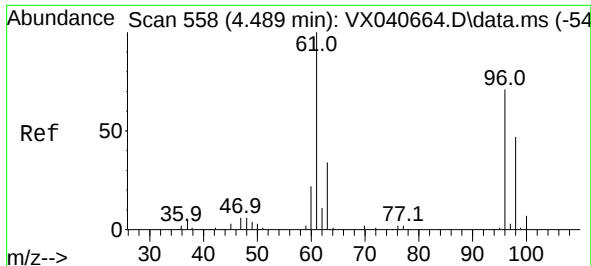
Ion Ratio Lower Upper

63 100

65 33.7 23.1 42.9

83 15.1 9.9 18.5

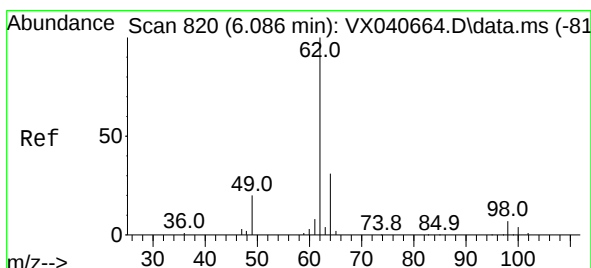
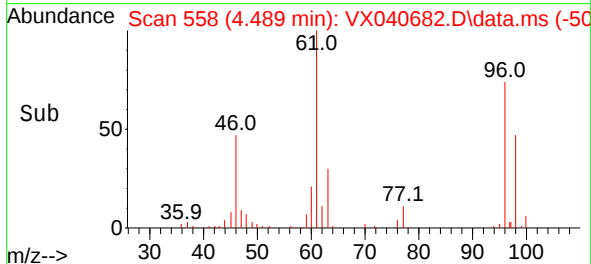
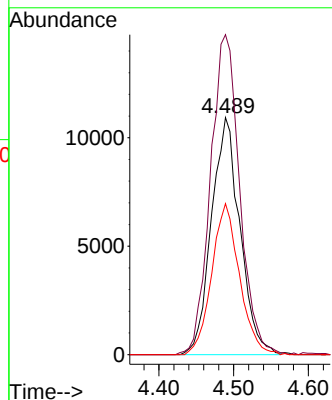
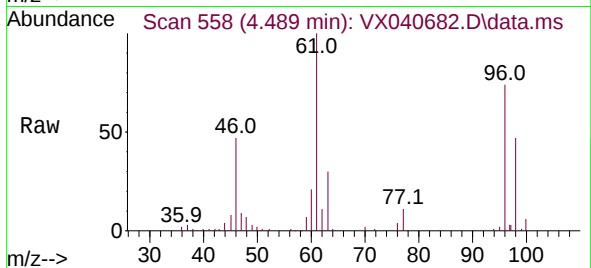




#20
cis-1,2-Dichloroethene
Concen: 27.126 ug/L
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

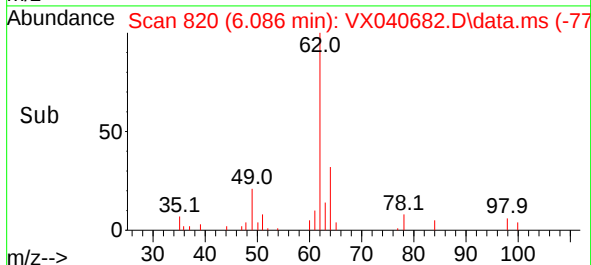
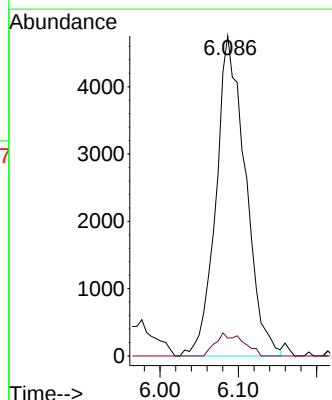
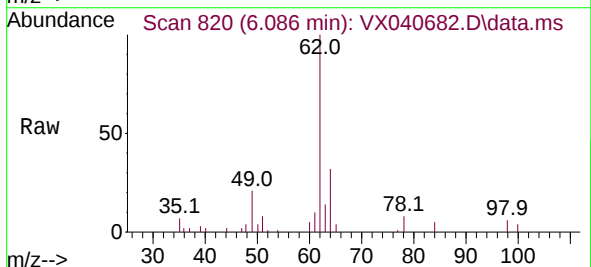
Instrument :
MSVOA_X
ClientSampleId :

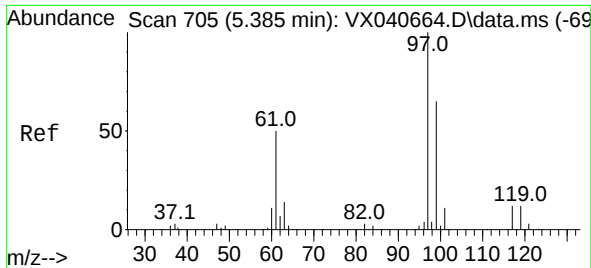
Tgt Ion: 96 Resp: 28981
Ion Ratio Lower Upper
96 100
61 135.0 93.0 172.8
98 63.7 42.4 78.6



#27
1,2-Dichloroethane
Concen: 6.763 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

Tgt Ion: 62 Resp: 12417
Ion Ratio Lower Upper
62 100
98 5.6 5.8 8.6#





#30

1,1,1-Trichloroethane

Concen: 5.762 ug/L

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

Instrument :

MSVOA_X

ClientSampleId :

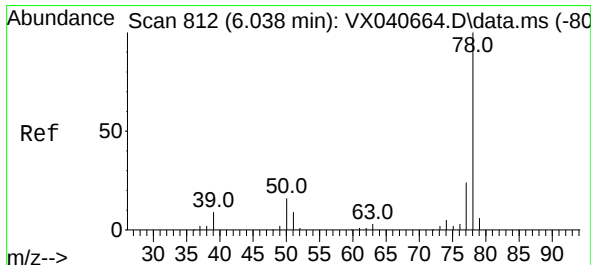
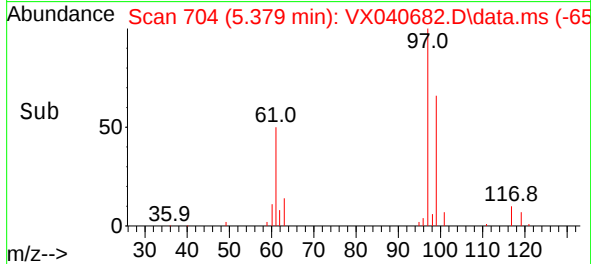
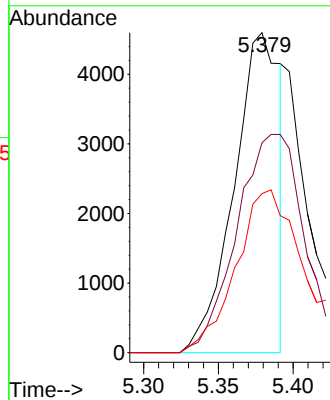
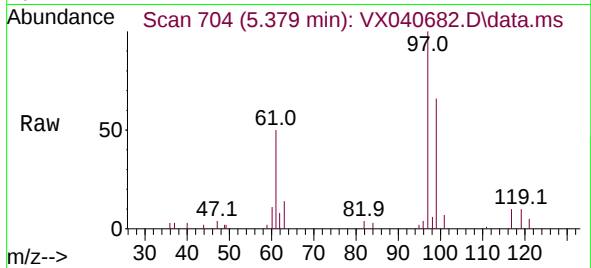
Tgt Ion: 97 Resp: 9802

Ion Ratio Lower Upper

97 100

99 102.3 52.1 78.1#

61 72.9 38.3 57.5#



#33

Benzene

Concen: 4.275 ug/L

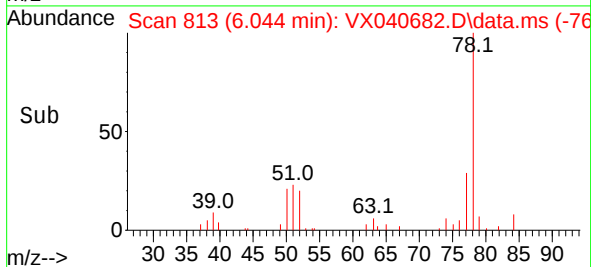
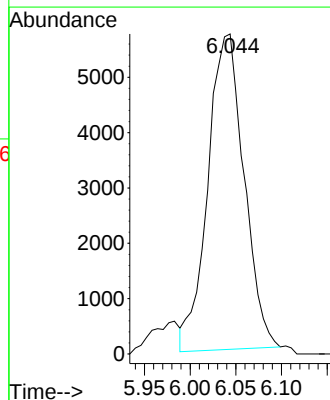
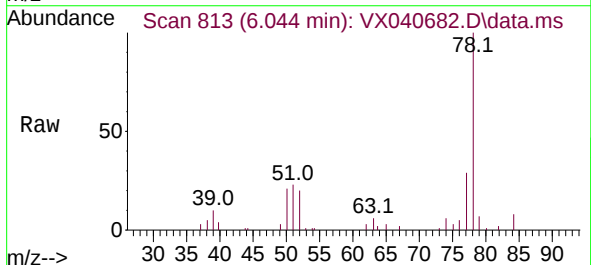
RT: 6.044 min Scan# 813

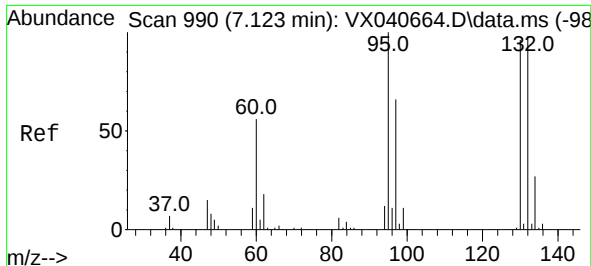
Delta R.T. 0.006 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

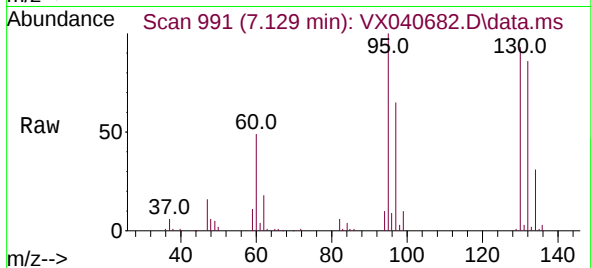
Tgt Ion: 78 Resp: 15685



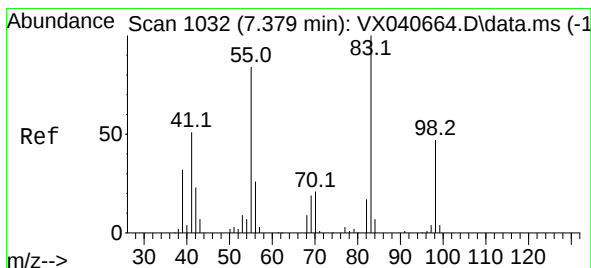
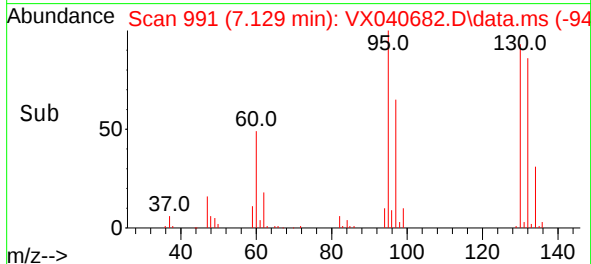
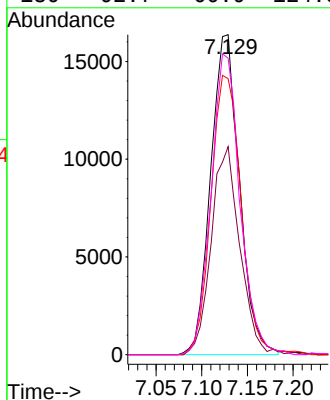


#34
Trichloroethene
Concen: 33.131 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

Instrument :
MSVOA_X
ClientSampleId :

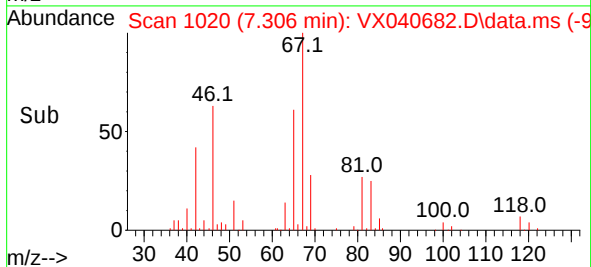
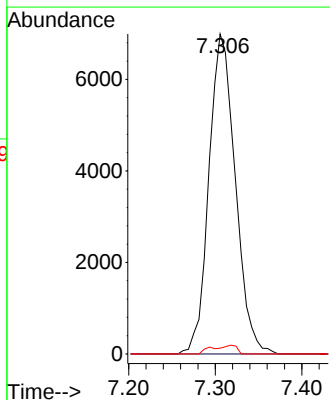
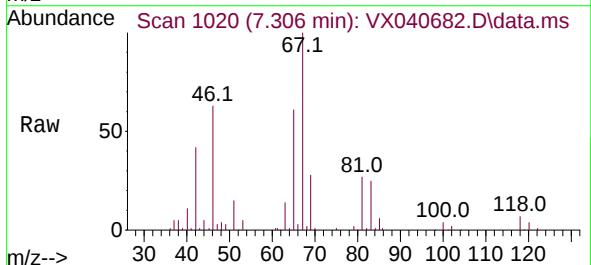


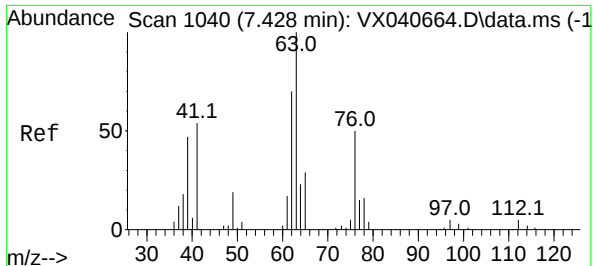
Tgt Ion: 95 Resp: 35886
Ion Ratio Lower Upper
95 100
97 65.0 44.7 83.1
132 86.2 61.5 114.3
130 92.7 66.9 124.3



#35
Methylcyclohexane
Concen: 9.353 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

Tgt Ion: 83 Resp: 14804
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.6 37.4 56.2#

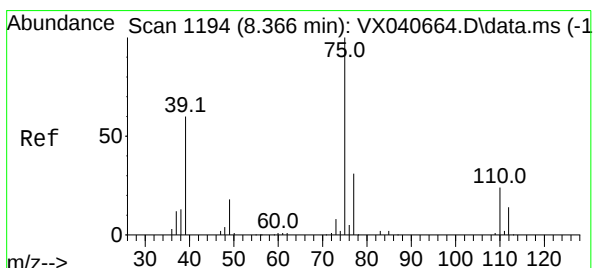
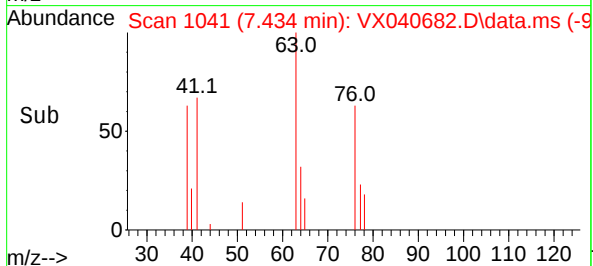
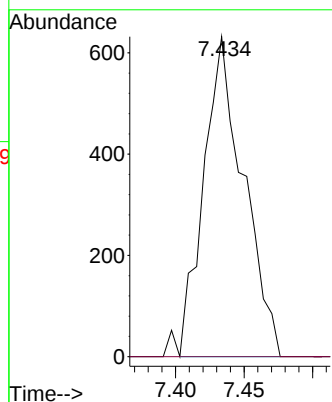
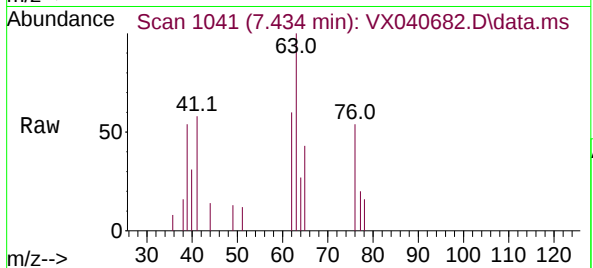




#37
1,2-Dichloropropane
Concen: 1.319 ug/L
RT: 7.434 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

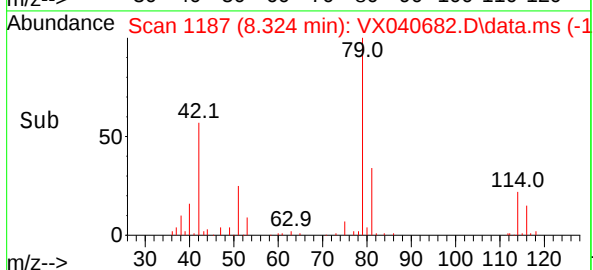
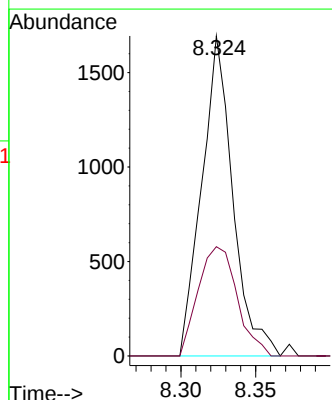
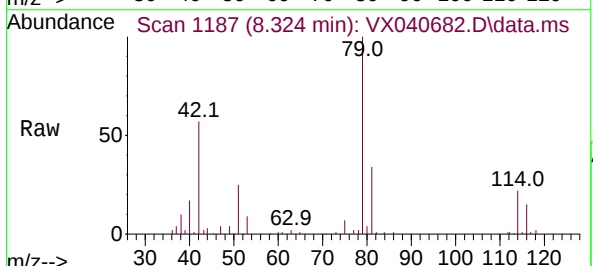
Instrument :
MSVOA_X
ClientSampleId :

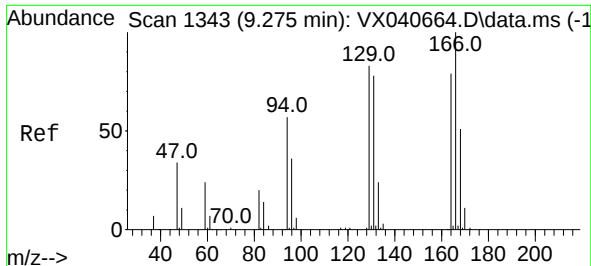
Tgt Ion: 63 Resp: 1281
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 1.496 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX040682.D
Acq: 16 Mar 2024 02:42

Tgt Ion: 75 Resp: 2447
Ion Ratio Lower Upper
75 100
77 34.1 21.1 39.3





#46

Tetrachloroethene

Concen: 3.059 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

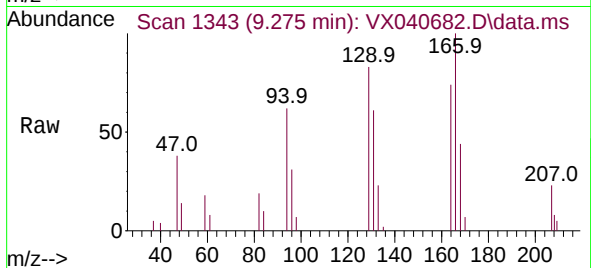
Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 2379

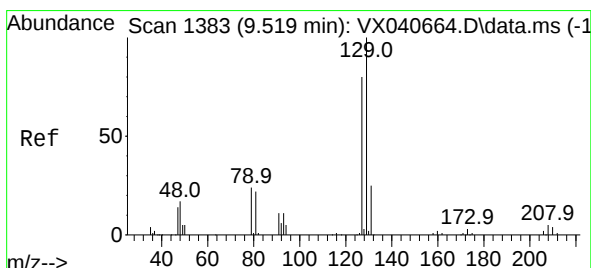
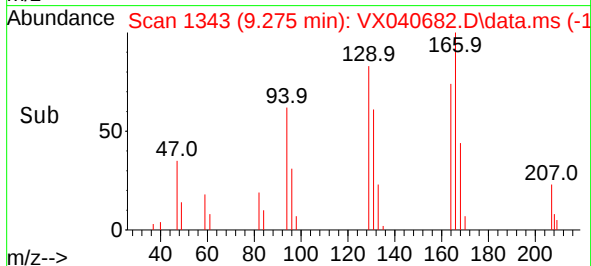
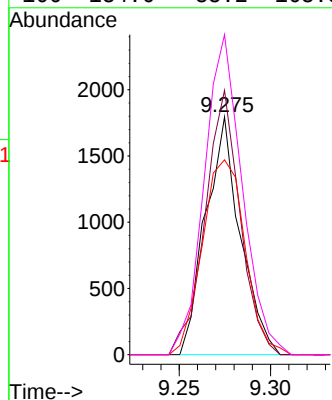
Ion Ratio Lower Upper

164 100

129 111.2 67.8 126.0

131 82.0 67.8 126.0

166 134.6 88.2 163.8



#49

Dibromochloromethane

Concen: 2.526 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX040682.D

Acq: 16 Mar 2024 02:42

Tgt Ion:129 Resp: 2647

Ion Ratio Lower Upper

129 100

127 0.0 55.8 103.6#

