

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040681.D
 Acq On : 16 Mar 2024 02:19
 Operator : JC/MD
 Sample : P1754-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 05:56:25 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	149930	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	144780	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63023	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41009	31.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.400%
7) Chloroethane-d5	1.666	69	40128	38.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.480%
11) 1,1-Dichloroethene-d2	2.307	65	20000	33.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.120%
21) 2-Butanone-d5	4.452	46	96830	96.011	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.010%
24) Chloroform-d	5.056	84	104189	42.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.380%
26) 1,2-Dichloroethane-d4	5.958	65	79382	43.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.120%
32) Benzene-d6	5.970	84	175275	39.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.920%
36) 1,2-Dichloropropane-d6	7.306	67	58195	42.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.540%
41) Toluene-d8	8.647	98	152048	35.520	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.040%#
43) trans-1,3-Dichloroprop...	8.952	79	27495	37.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.060%
47) 2-Hexanone-d5	9.385	63	66159	87.098	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.100%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	93108	45.173	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.340%
66) 1,2-Dichlorobenzene-d4	12.317	152	57692	43.707	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.420%

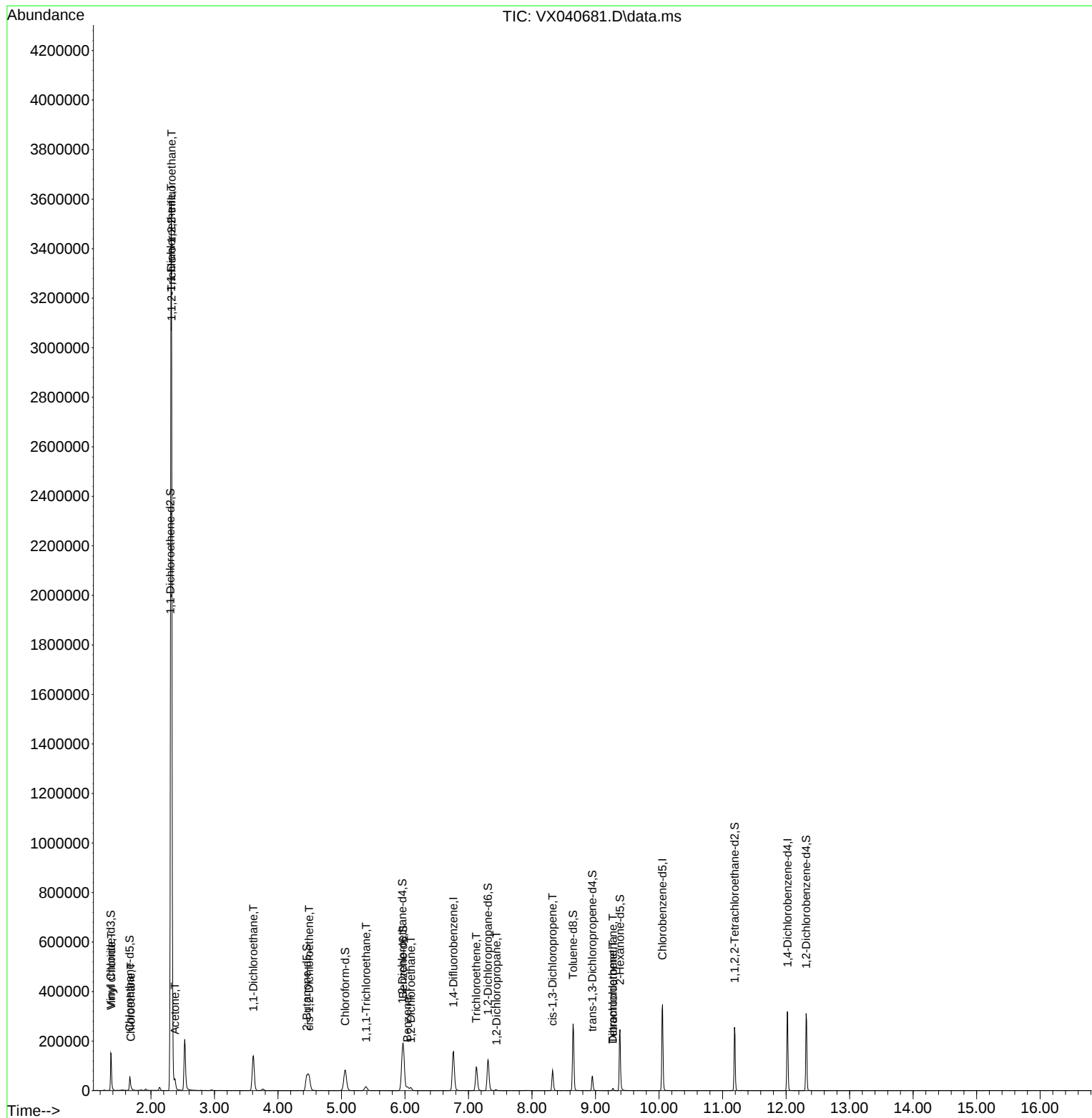
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	68171	54.167	ug/L	97
8) Chloroethane	1.685	64	3133	4.342	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	4006	3.857	ug/L #	49
12) 1,1-Dichloroethene	2.319	96	1050228	1149.181	ug/L #	72
13) Acetone	2.380	43	41639	57.816	ug/L	98
19) 1,1-Dichloroethane	3.611	63	153729	84.329	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	30045	28.559	ug/L	93
27) 1,2-Dichloroethane	6.092	62	13193	7.298	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	14676	8.139	ug/L	99
33) Benzene	6.038	78	15090	3.880	ug/L	100
34) Trichloroethene	7.123	95	35806	31.186	ug/L	98
37) 1,2-Dichloropropane	7.440	63	1384	1.344	ug/L #	88
39) cis-1,3-Dichloropropene	8.324	75	2044	1.179	ug/L #	62
46) Tetrachloroethene	9.275	164	1409	1.709	ug/L	87
49) Dibromochloromethane	9.275	129	1356	1.221	ug/L #	9

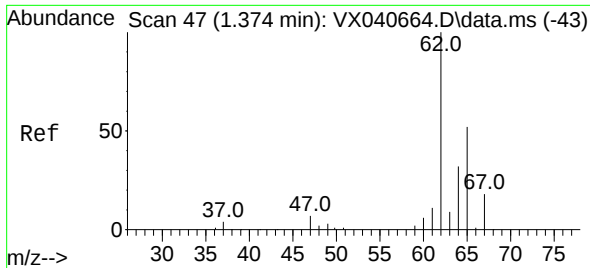
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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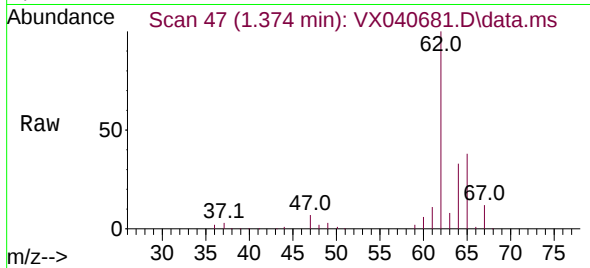
Quant Time: Mar 16 05:56:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 05:02:38 2024
Response via : Initial Calibration



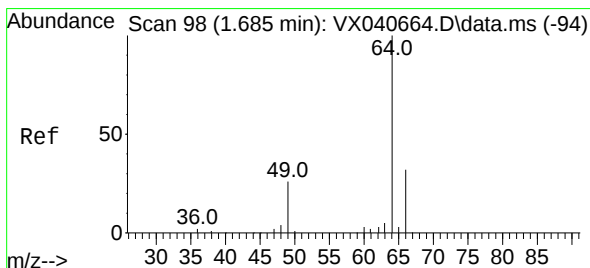
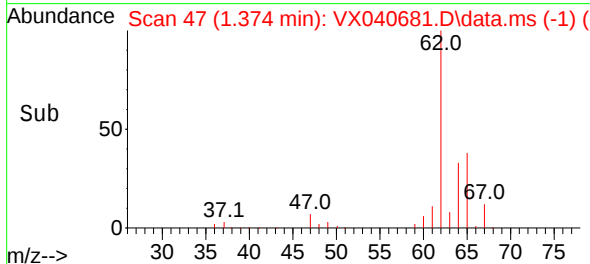
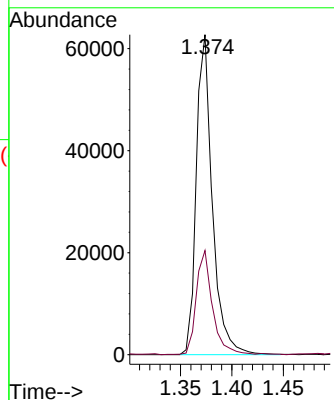


#5
 Vinyl chloride
 Concen: 54.167 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040681.D
 Acq: 16 Mar 2024 02:19

Instrument :
 MSVOA_X
 ClientSampleId :

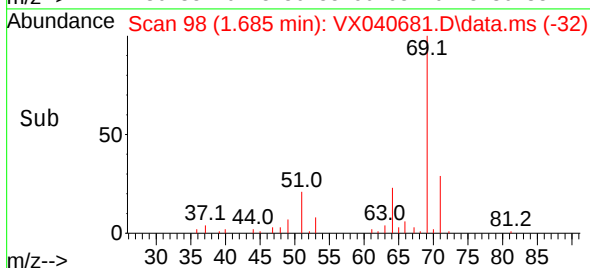
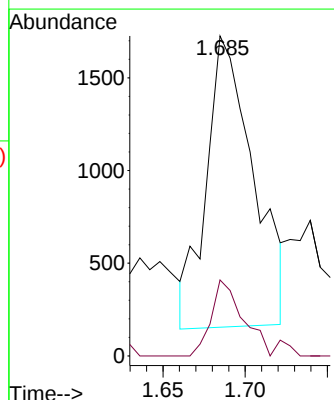
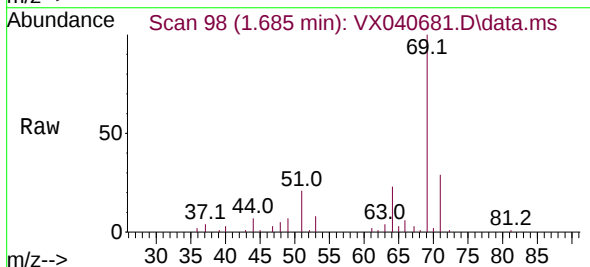


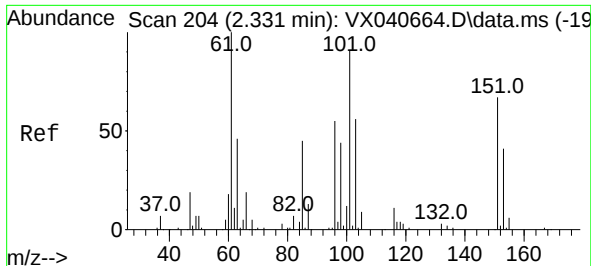
Tgt Ion: 62 Resp: 68171
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.8 44.2



#8
 Chloroethane
 Concen: 4.342 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX040681.D
 Acq: 16 Mar 2024 02:19

Tgt Ion: 64 Resp: 3133
 Ion Ratio Lower Upper
 64 100
 66 23.8 25.0 46.4#





#10

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

Concen: 3.857 ug/L

RT: 2.325 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

Instrument :

MSVOA_X

ClientSampleId :

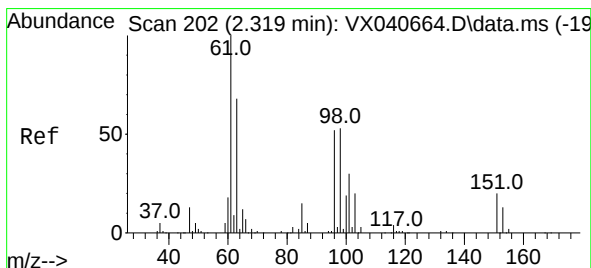
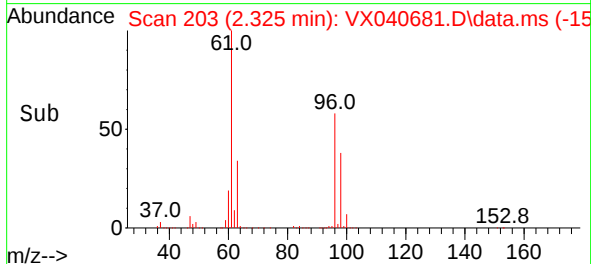
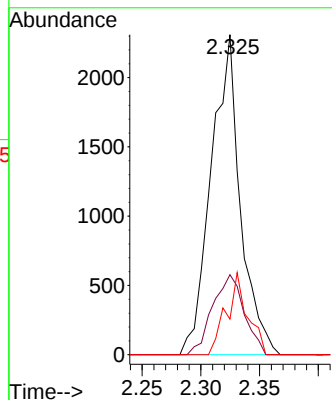
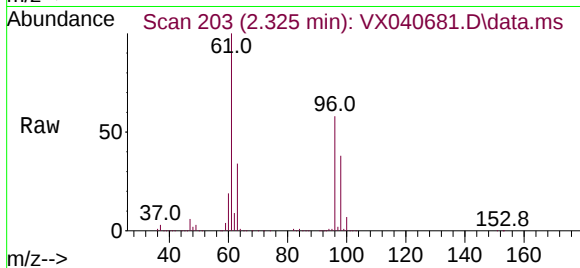
Tgt Ion:101 Resp: 4006

Ion Ratio Lower Upper

101 100

85 26.9 38.3 57.5#

151 18.5 57.7 86.5#



#12

1,1-Dichloroethene

Concen: 1149.181 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

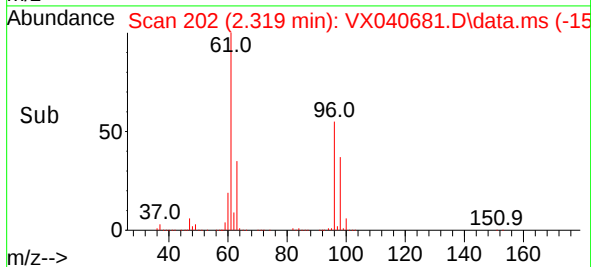
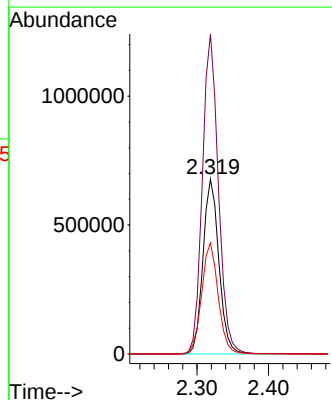
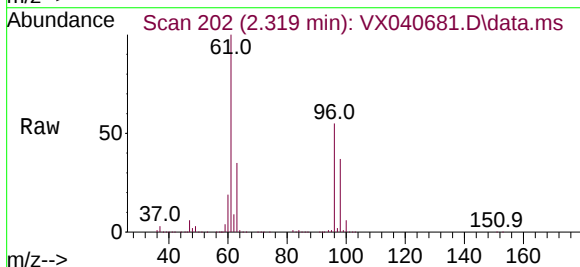
Tgt Ion: 96 Resp: 1050228

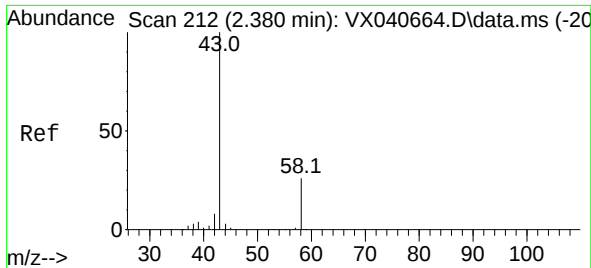
Ion Ratio Lower Upper

96 100

61 182.9 134.8 250.4

63 63.5 92.5 171.9#





#13

Acetone

Concen: 57.816 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

Instrument :

MSVOA_X

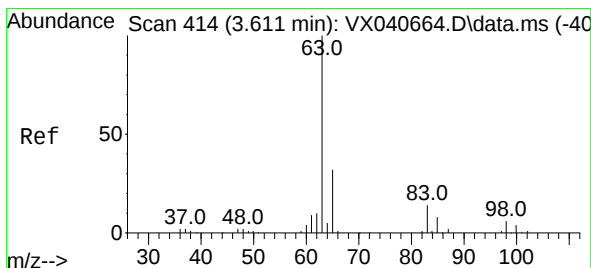
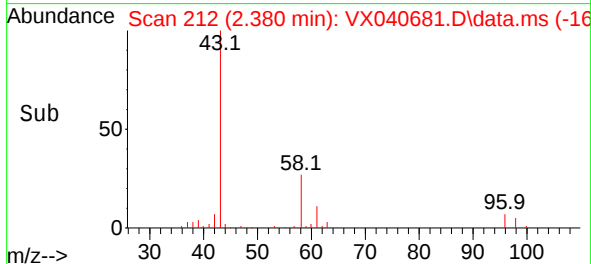
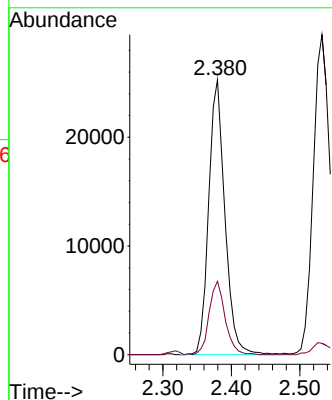
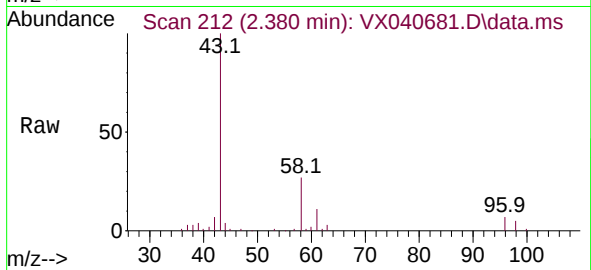
ClientSampleId :

Tgt Ion: 43 Resp: 41639

Ion Ratio Lower Upper

43 100

58 26.3 0.0 54.6



#19

1,1-Dichloroethane

Concen: 84.329 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

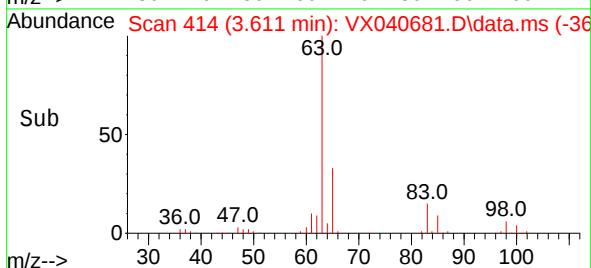
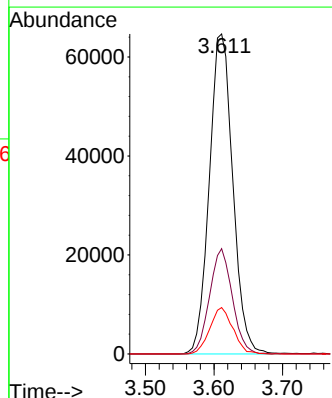
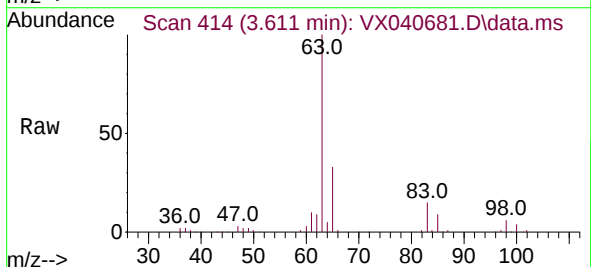
Tgt Ion: 63 Resp: 153729

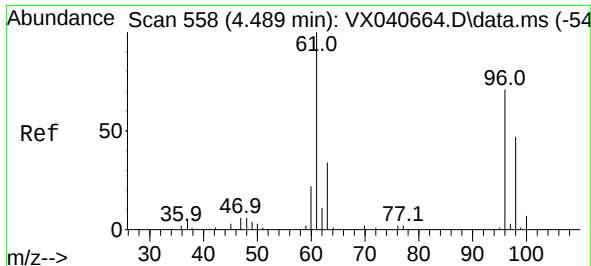
Ion Ratio Lower Upper

63 100

65 32.9 23.1 42.9

83 14.5 9.9 18.5





#20

cis-1,2-Dichloroethene

Concen: 28.559 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

Instrument :

MSVOA_X

ClientSampleId :

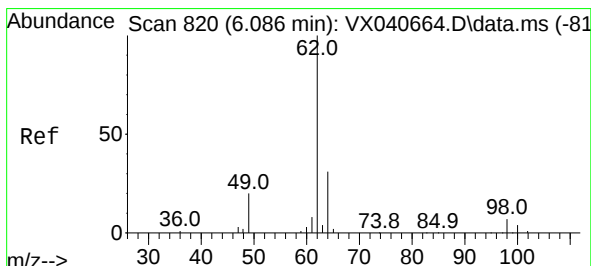
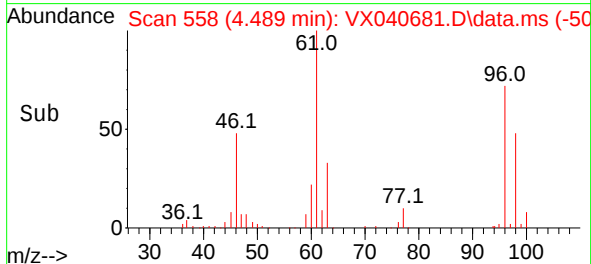
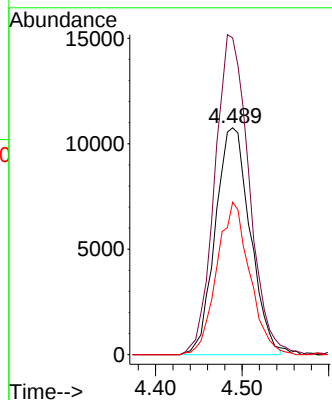
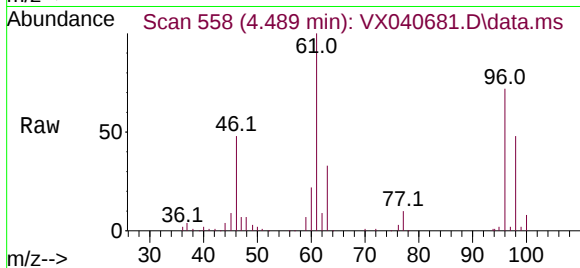
Tgt Ion: 96 Resp: 30045

Ion Ratio Lower Upper

96 100

61 139.6 93.0 172.8

98 67.2 42.4 78.6



#27

1,2-Dichloroethane

Concen: 7.298 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX040681.D

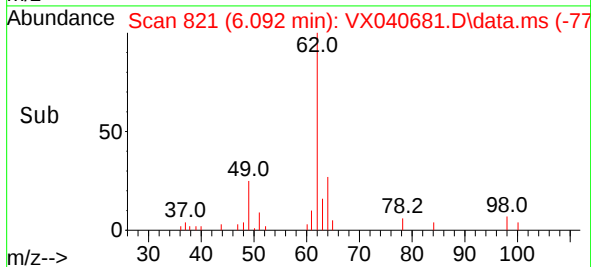
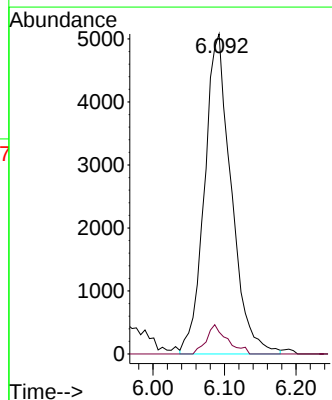
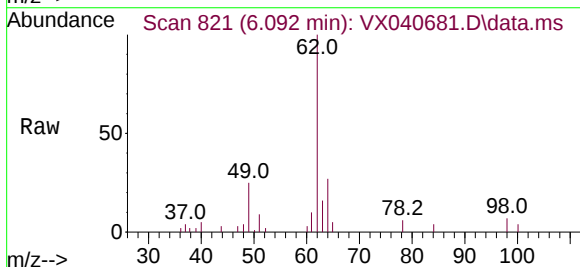
Acq: 16 Mar 2024 02:19

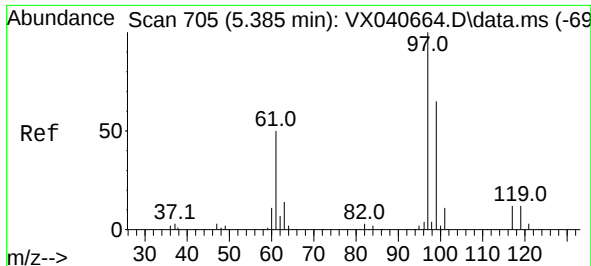
Tgt Ion: 62 Resp: 13193

Ion Ratio Lower Upper

62 100

98 6.9 5.8 8.6

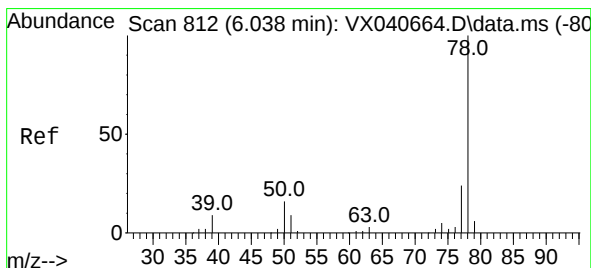
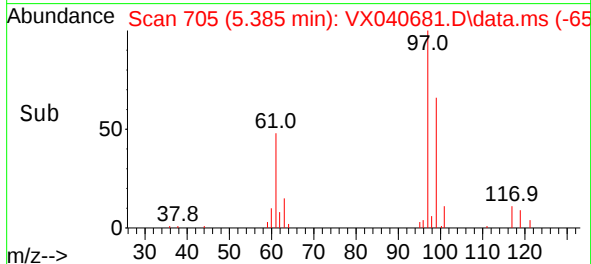
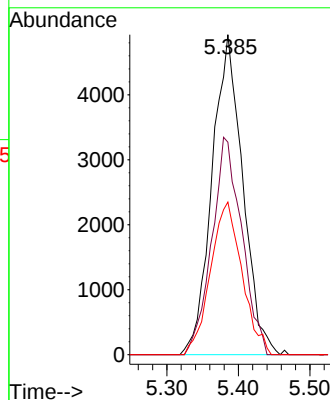
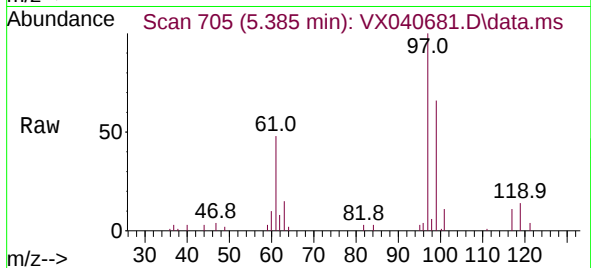




#30
1,1,1-Trichloroethane
Concen: 8.139 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

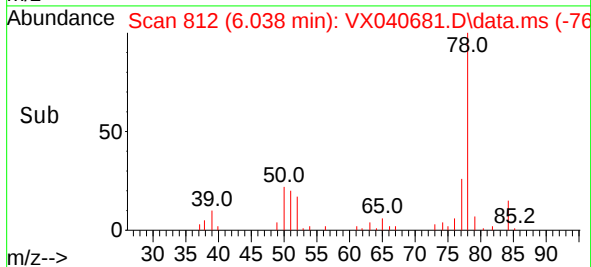
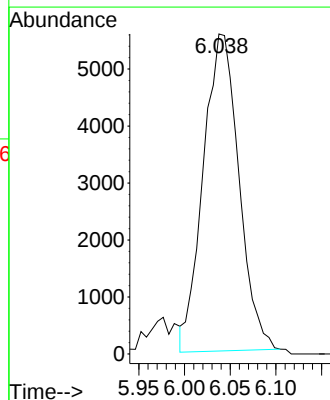
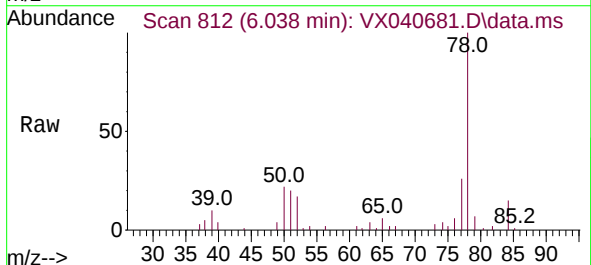
Instrument :
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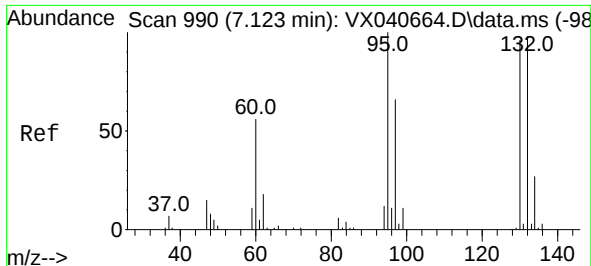
Tgt Ion: 97 Resp: 14676
Ion Ratio Lower Upper
97 100
99 66.4 52.1 78.1
61 47.9 38.3 57.5



#33
Benzene
Concen: 3.880 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

Tgt Ion: 78 Resp: 15090





#34

Trichloroethene

Concen: 31.186 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

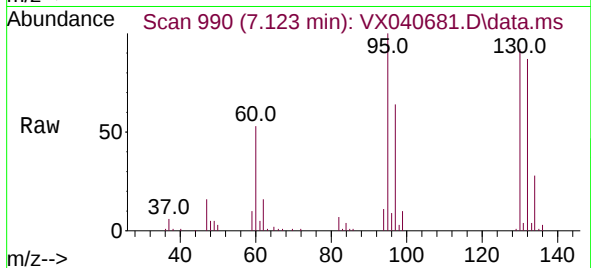
Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 35806

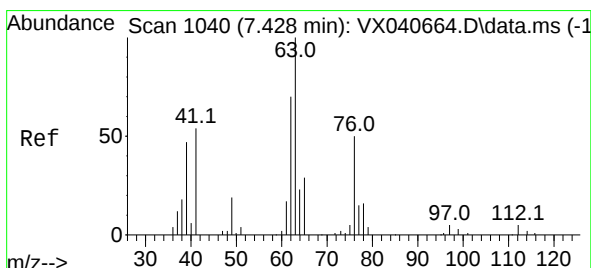
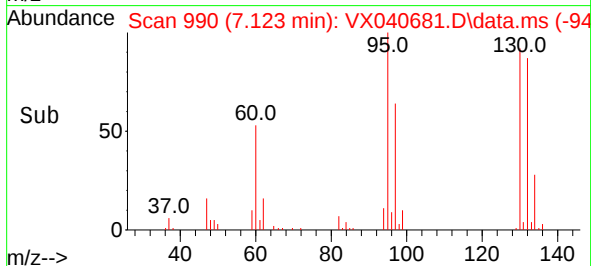
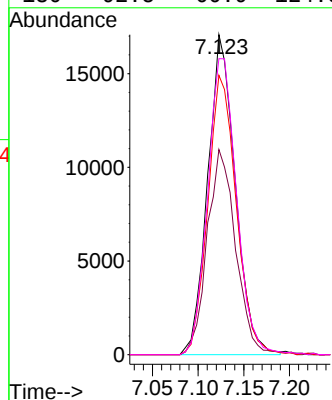
Ion Ratio Lower Upper

95 100

97 64.1 44.7 83.1

132 87.3 61.5 114.3

130 92.5 66.9 124.3



#37

1,2-Dichloropropane

Concen: 1.344 ug/L

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX040681.D

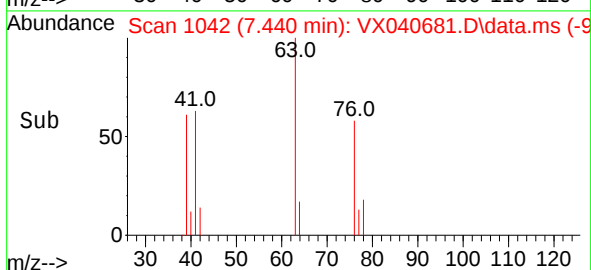
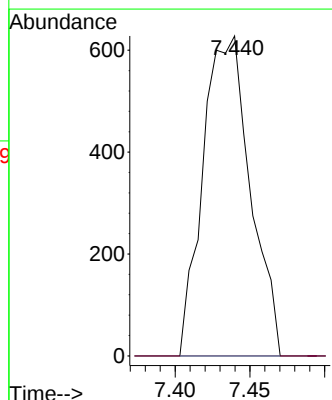
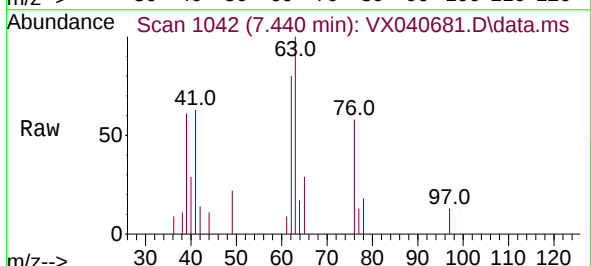
Acq: 16 Mar 2024 02:19

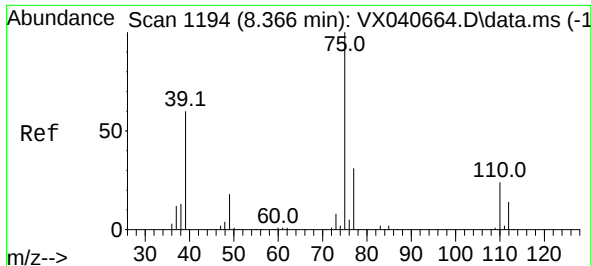
Tgt Ion: 63 Resp: 1384

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.179 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

Instrument :

MSVOA_X

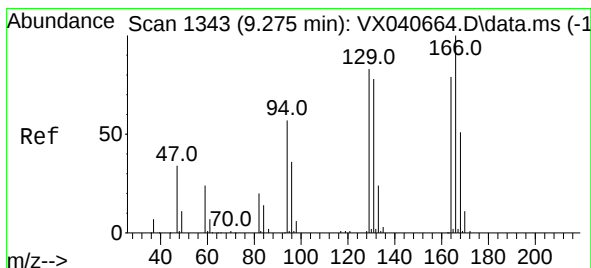
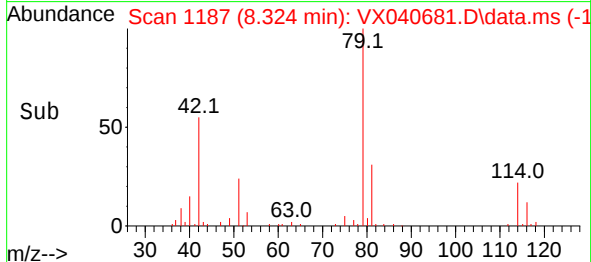
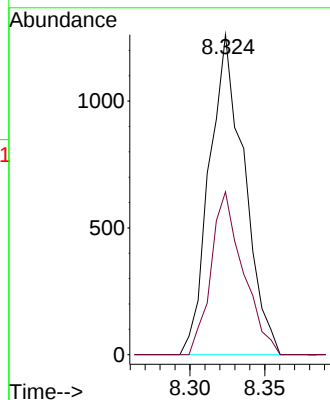
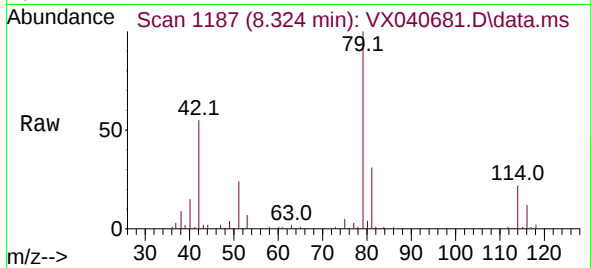
ClientSampleId :

Tgt Ion: 75 Resp: 2044

Ion Ratio Lower Upper

75 100

77 50.9 21.1 39.3#



#46

Tetrachloroethene

Concen: 1.709 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

Tgt Ion:164 Resp: 1409

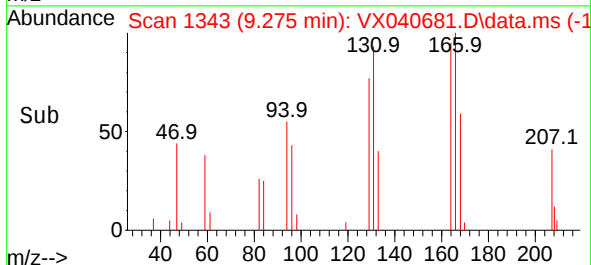
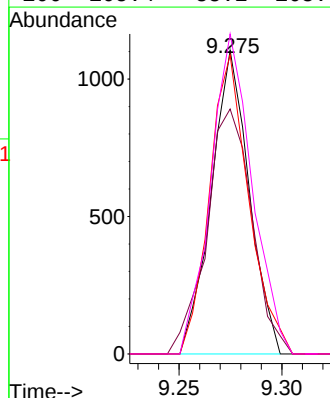
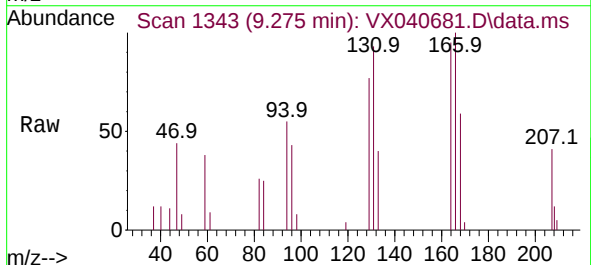
Ion Ratio Lower Upper

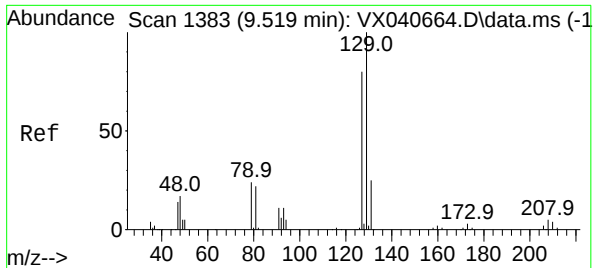
164 100

129 80.7 67.8 126.0

131 98.6 67.8 126.0

166 105.4 88.2 163.8





#49
 Dibromochloromethane
 Concen: 1.221 ug/L
 RT: 9.275 min Scan# 14
 Delta R.T. -0.244 min
 Lab File: VX040681.D
 Acq: 16 Mar 2024 02:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:129 Resp: 1356
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.8 103.6#

