

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030664.D
 Acq On : 17 Aug 2022 16:48
 Operator : JC/MD
 Sample : N4221-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 04:23:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

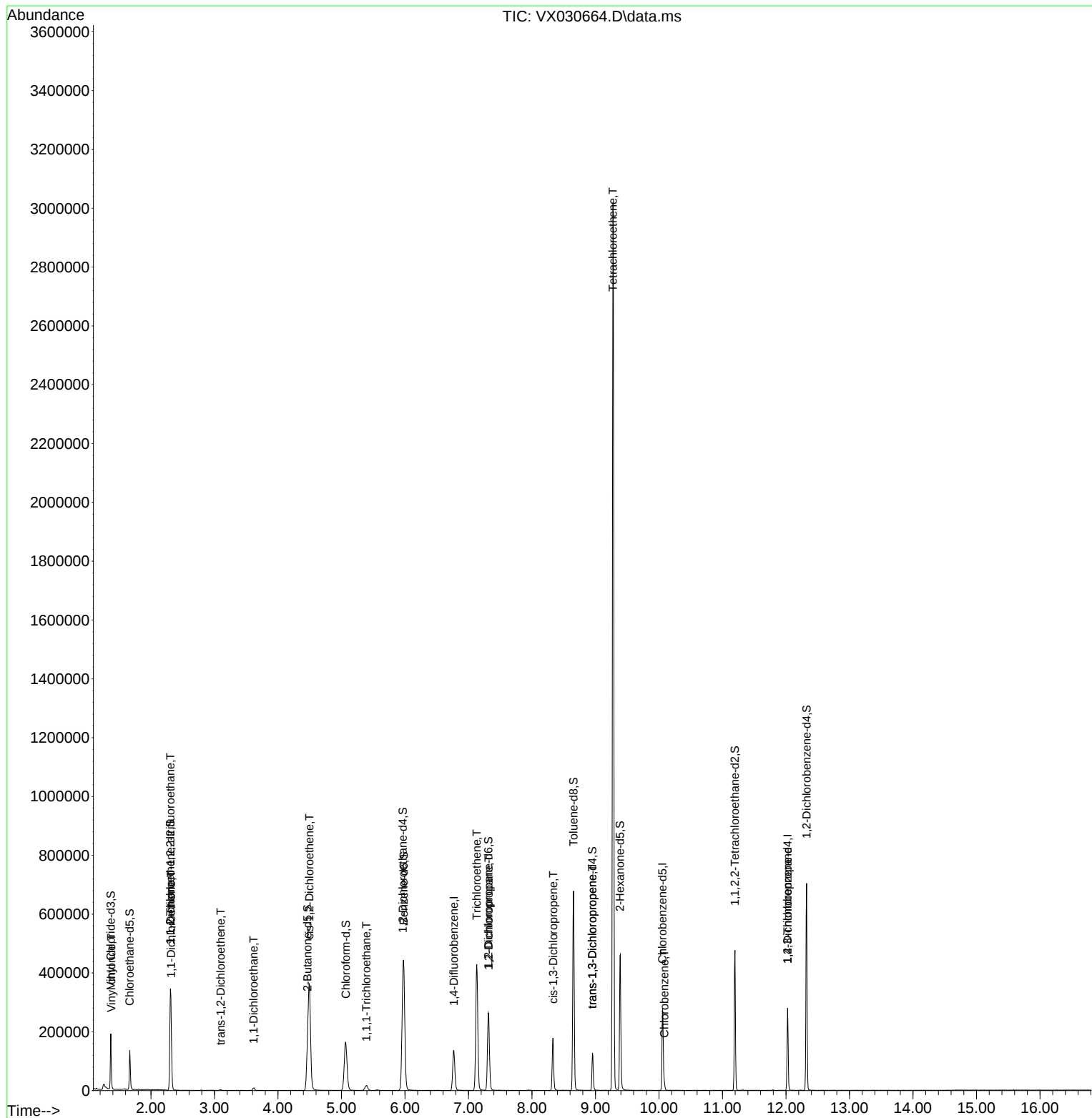
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	139457	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	126611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	54074	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	112641	125.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	251.560%#
7) Chloroethane-d5	1.666	69	85571	135.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	271.080%#
11) 1,1-Dichloroethene-d2	2.307	63	186408	110.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	220.080%#
21) 2-Butanone-d5	4.465	46	186094	224.266	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	224.270%#
24) Chloroform-d	5.068	84	211203	114.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	229.120%#
26) 1,2-Dichloroethane-d4	5.964	65	138447	110.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	221.200%#
32) Benzene-d6	5.983	84	451932	124.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	249.220%#
36) 1,2-Dichloropropane-d6	7.312	67	147295	125.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	250.360%#
41) Toluene-d8	8.653	98	400284	117.090	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	234.180%#
43) trans-1,3-Dichloroprop...	8.952	79	61680	105.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	210.740%#
47) 2-Hexanone-d5	9.385	63	135714	226.276	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	226.280%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	185393	119.936	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	239.880%#
66) 1,2-Dichlorobenzene-d4	12.323	152	136488	130.134	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	260.260%#
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	3065	3.180	ug/L #	11
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1807	2.133	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	30951	39.653	ug/L #	44
17) trans-1,2-Dichloroethene	3.099	96	1094	1.210	ug/L #	53
19) 1,1-Dichloroethane	3.617	63	9637	5.510	ug/L #	93
20) cis-1,2-Dichloroethene	4.495	96	205373	201.891	ug/L	92
30) 1,1,1-Trichloroethane	5.391	97	16035	9.601	ug/L #	38
34) Trichloroethene	7.129	95	172741	146.924	ug/L	90
37) 1,2-Dichloropropane	7.318	63	15197	14.080	ug/L #	90
39) cis-1,3-Dichloropropene	8.336	75	3816	2.370	ug/L #	79
44) trans-1,3-Dichloropropene	8.952	75	2622	1.664	ug/L	85
46) Tetrachloroethene	9.275	164	538090	724.176	ug/L	98
51) Chlorobenzene	10.086	112	11327	4.240	ug/L	94
61) 1,2,3-Trichloropropane	12.024	75	6885	5.929	ug/L #	68

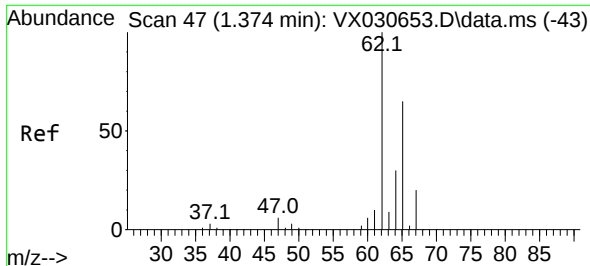
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
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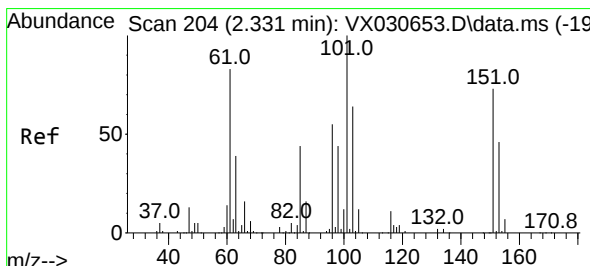
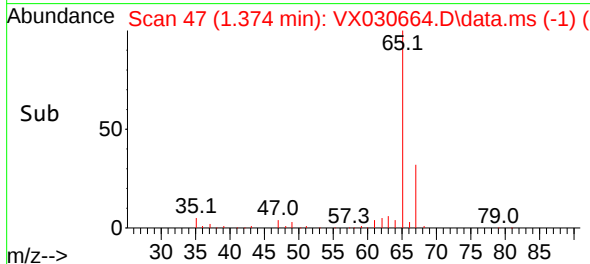
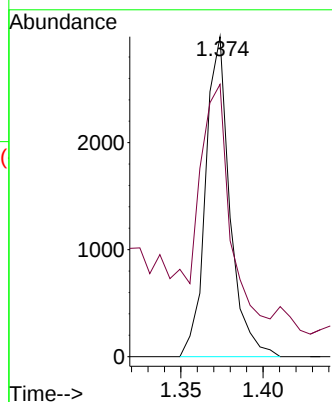
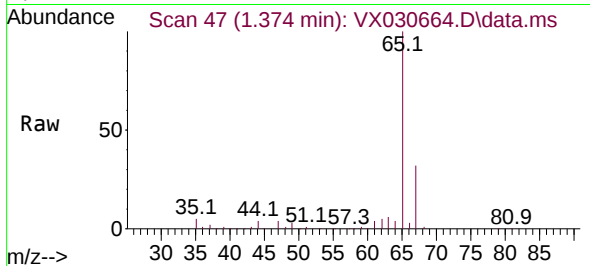




#5
 Vinyl chloride
 Concen: 3.180 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030664.D
 Acq: 17 Aug 2022 16:48

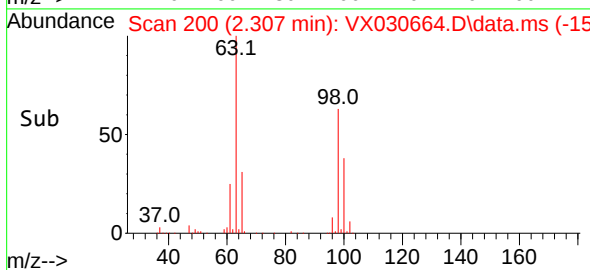
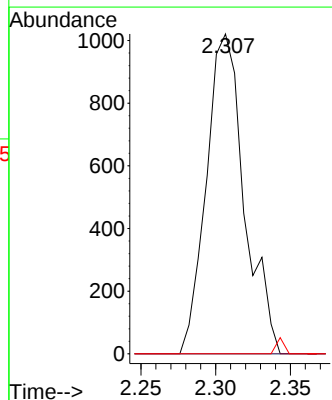
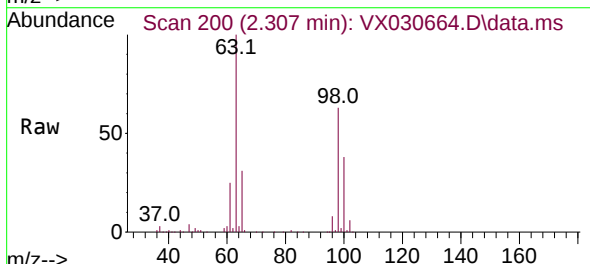
Instrument :
 MSVOA_X
 ClientSampleId :

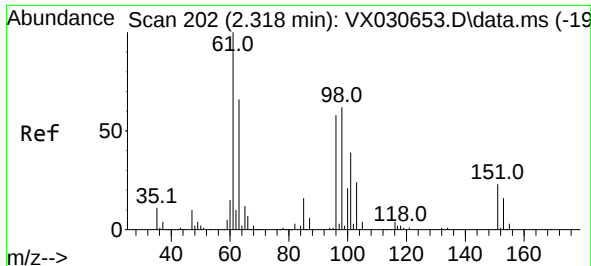
Tgt Ion: 62 Resp: 3065
 Ion Ratio Lower Upper
 62 100
 64 85.1 23.8 44.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.133 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.024 min
 Lab File: VX030664.D
 Acq: 17 Aug 2022 16:48

Tgt Ion: 101 Resp: 1807
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 39.653 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX030664.D

Acq: 17 Aug 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

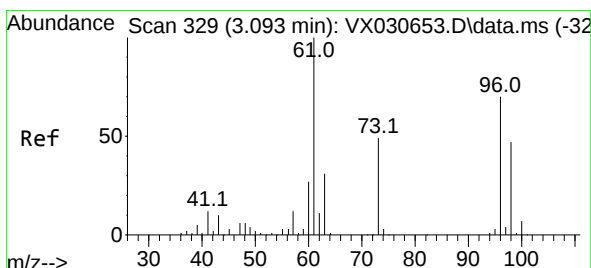
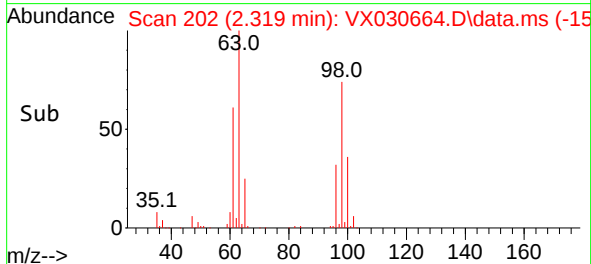
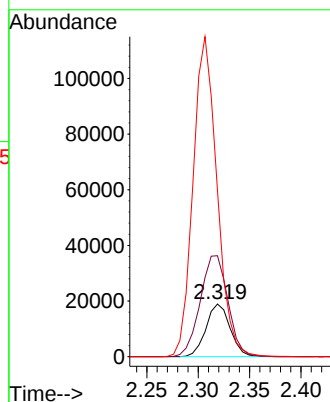
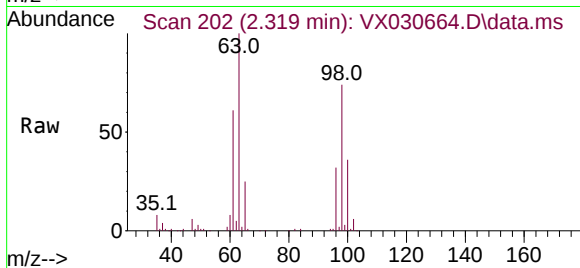
Tgt Ion: 96 Resp: 30951

Ion Ratio Lower Upper

96 100

61 191.6 130.2 241.8

63 315.3 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 1.210 ug/L

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX030664.D

Acq: 17 Aug 2022 16:48

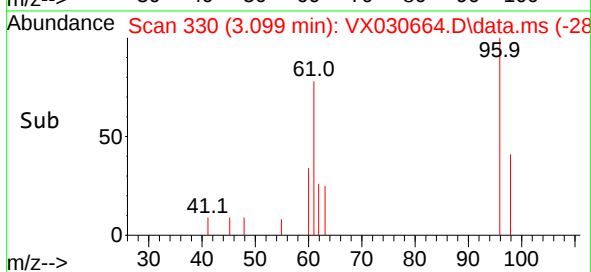
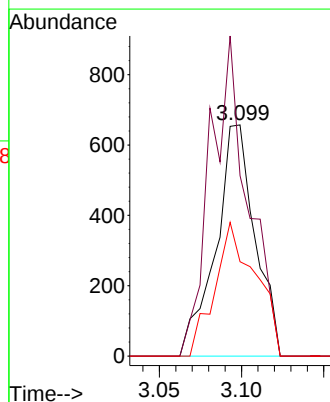
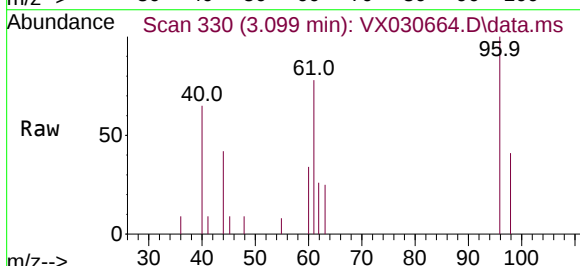
Tgt Ion: 96 Resp: 1094

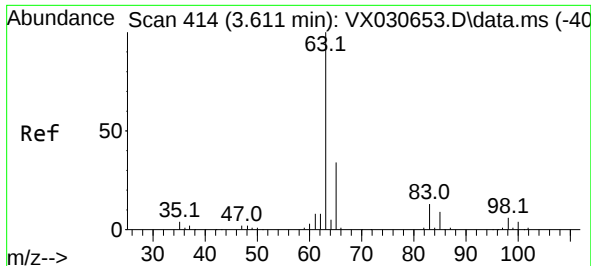
Ion Ratio Lower Upper

96 100

61 78.1 103.7 192.5#

98 40.8 41.5 77.1#





#19

1,1-Dichloroethane

Concen: 5.510 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX030664.D

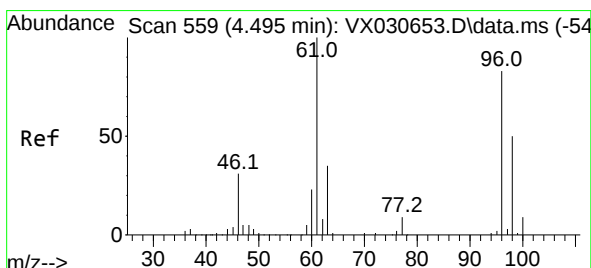
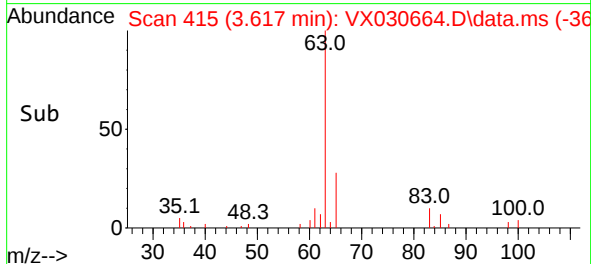
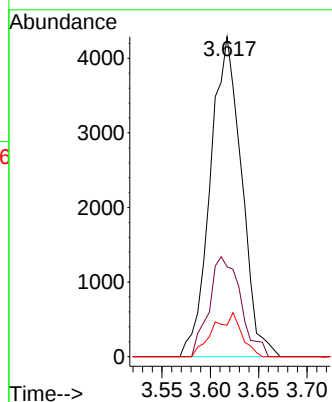
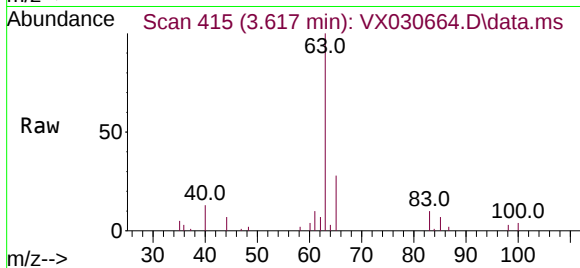
Acq: 17 Aug 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 9637
Ion Ratio	Lower Upper
63 100	
65 28.1	22.0 40.8
83 9.9	9.9 18.3#



#20

cis-1,2-Dichloroethene

Concen: 201.891 ug/L

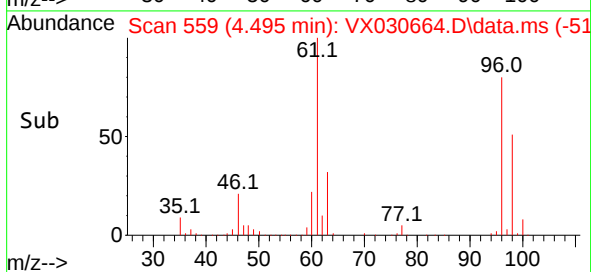
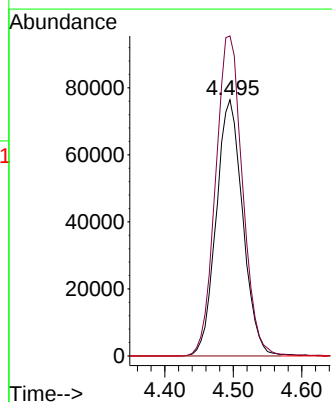
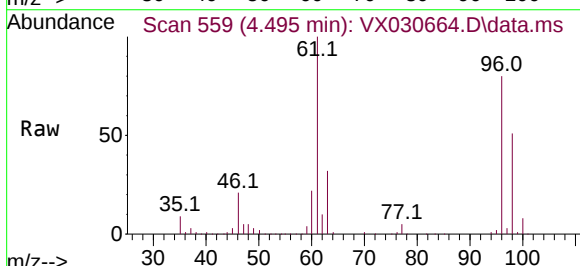
RT: 4.495 min Scan# 559

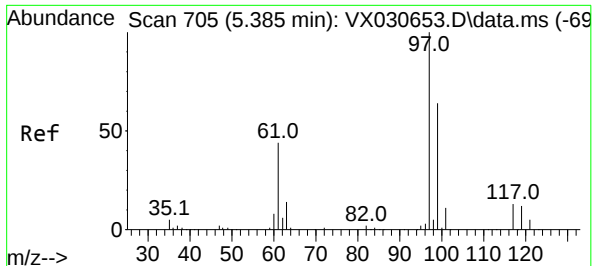
Delta R.T. 0.000 min

Lab File: VX030664.D

Acq: 17 Aug 2022 16:48

Tgt Ion: 96	Resp: 205373
Ion Ratio	Lower Upper
96 100	
61 124.9	94.0 174.6
68 0.0	0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 9.601 ug/L

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX030664.D

Acq: 17 Aug 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

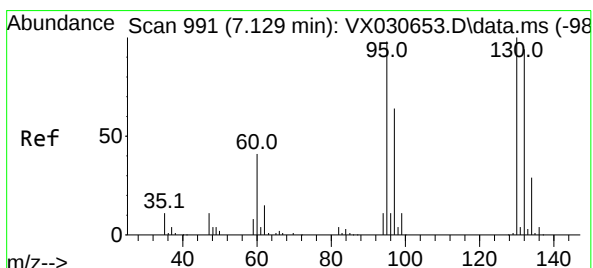
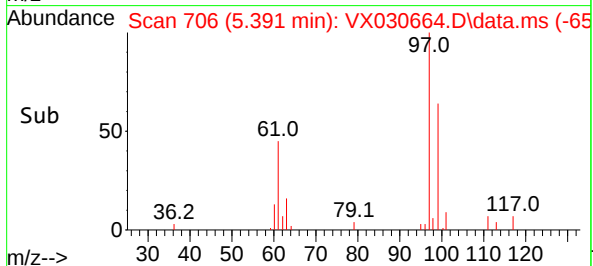
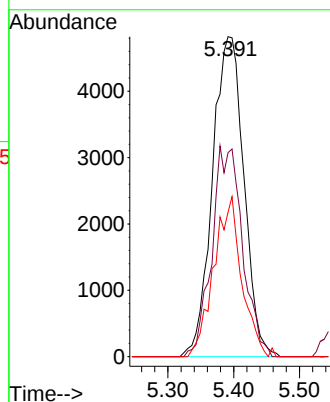
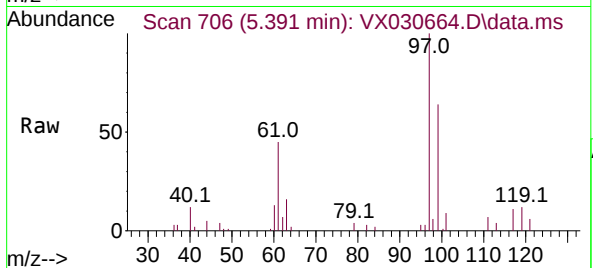
Tgt Ion: 97 Resp: 16035

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 24.1 37.0 55.6#



#34

Trichloroethene

Concen: 146.924 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX030664.D

Acq: 17 Aug 2022 16:48

Tgt Ion: 95 Resp: 172741

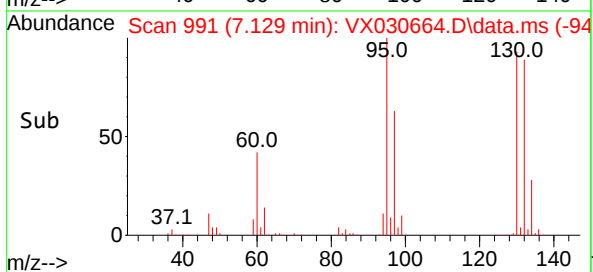
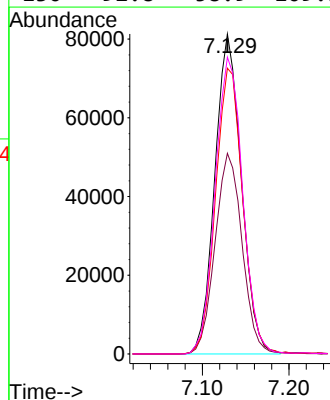
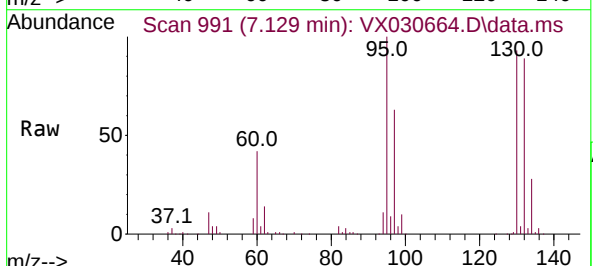
Ion Ratio Lower Upper

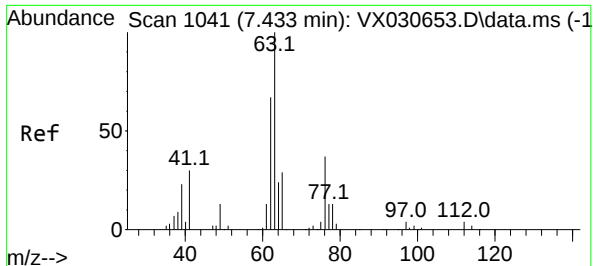
95 100

97 62.7 40.2 74.6

132 89.3 55.3 102.7

130 92.8 58.9 109.5





#37

1,2-Dichloropropane

Concen: 14.080 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.116 min

Lab File: VX030664.D

Acq: 17 Aug 2022 16:48

Instrument :

MSVOA_X

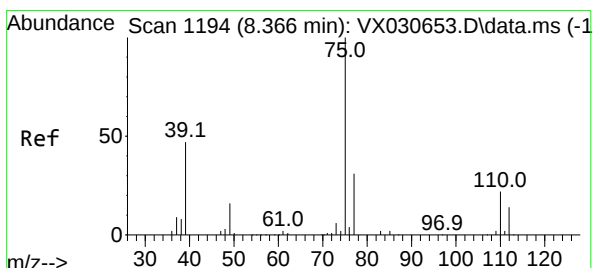
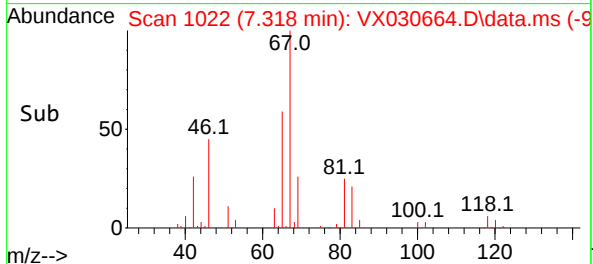
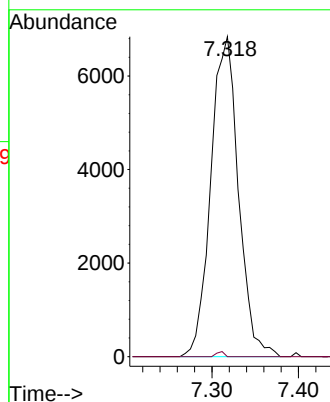
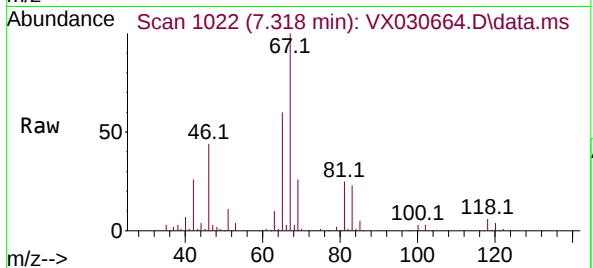
ClientSampleId :

Tgt Ion: 63 Resp: 15197

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 2.370 ug/L

RT: 8.336 min Scan# 1189

Delta R.T. -0.030 min

Lab File: VX030664.D

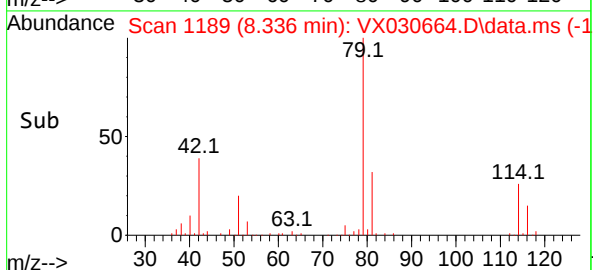
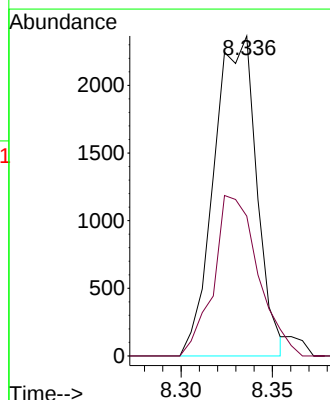
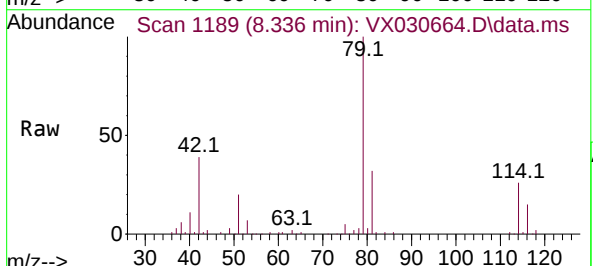
Acq: 17 Aug 2022 16:48

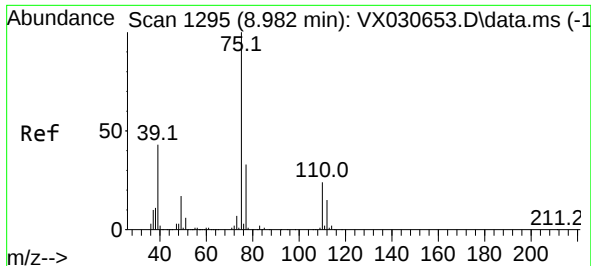
Tgt Ion: 75 Resp: 3816

Ion Ratio Lower Upper

75 100

77 43.7 22.4 41.6#

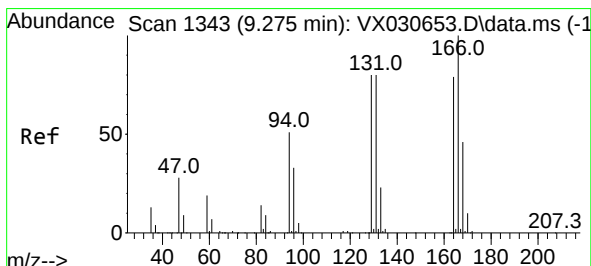
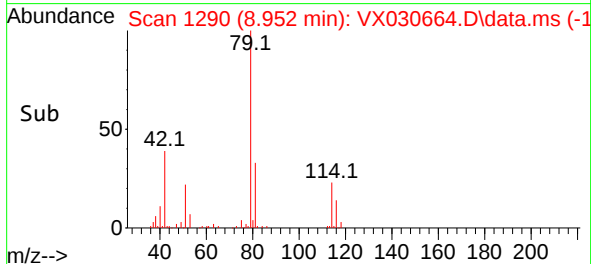
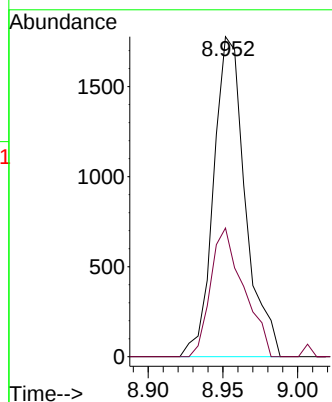
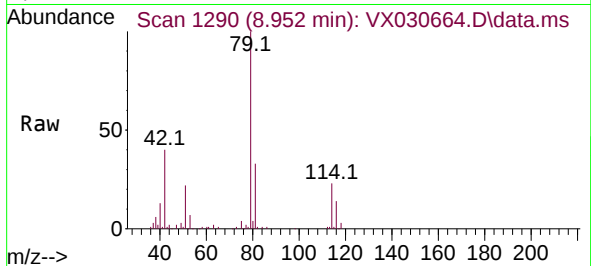




#44
trans-1,3-Dichloropropene
Concen: 1.664 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

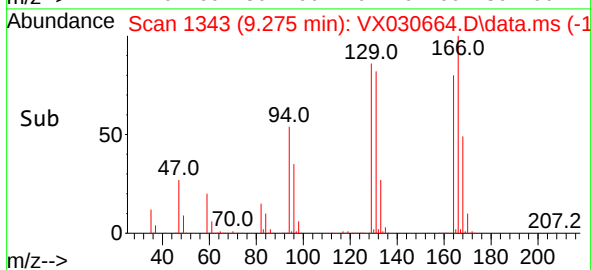
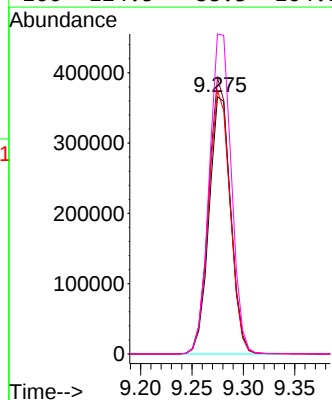
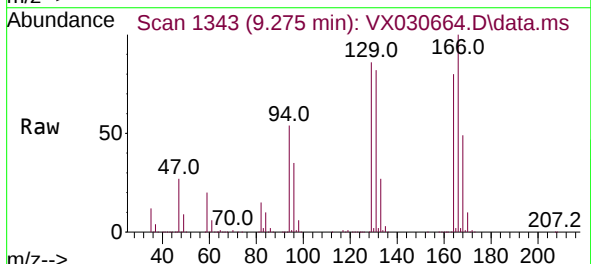
Instrument :
MSVOA_X
ClientSampleId :

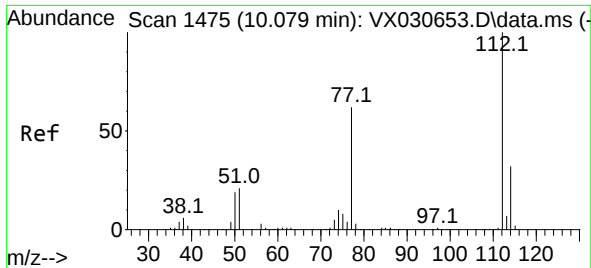
Tgt Ion: 75 Resp: 2622
Ion Ratio Lower Upper
75 100
77 40.2 22.5 41.7



#46
Tetrachloroethene
Concen: 724.176 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

Tgt Ion:164 Resp: 538090
Ion Ratio Lower Upper
164 100
129 107.5 72.7 135.1
131 102.5 69.9 129.9
166 124.5 88.3 164.1

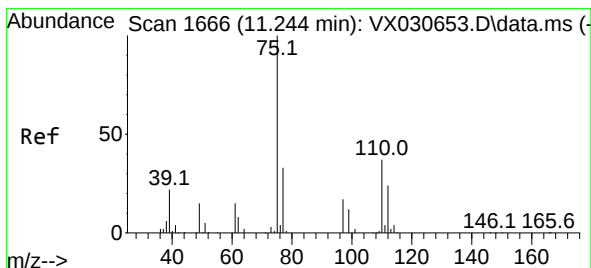
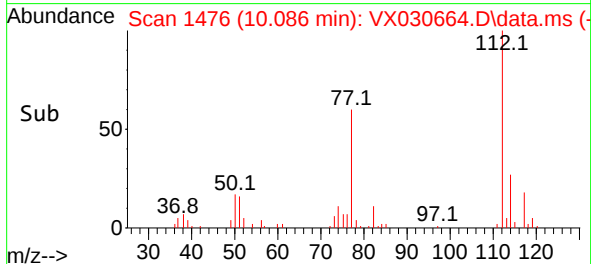
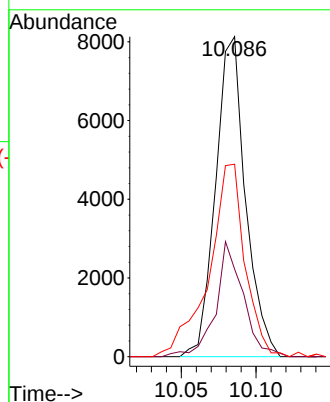
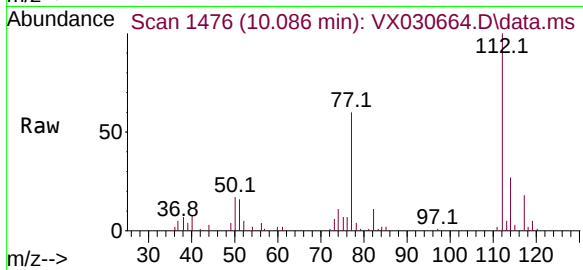




#51
Chlorobenzene
Concen: 4.240 ug/L
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 11327
Ion Ratio Lower Upper
112 100
114 27.3 22.3 41.5
77 60.2 50.8 76.2



#61
1,2,3-Trichloropropane
Concen: 5.929 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.781 min
Lab File: VX030664.D
Acq: 17 Aug 2022 16:48

Tgt Ion: 75 Resp: 6885
Ion Ratio Lower Upper
75 100
77 33.7 26.1 39.1
110 2.9 30.5 45.7#

