

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030548.D
 Acq On : 10 Aug 2022 13:36
 Operator : JC/MD
 Sample : N4114-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D45DL

Quant Time: Aug 10 14:16:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

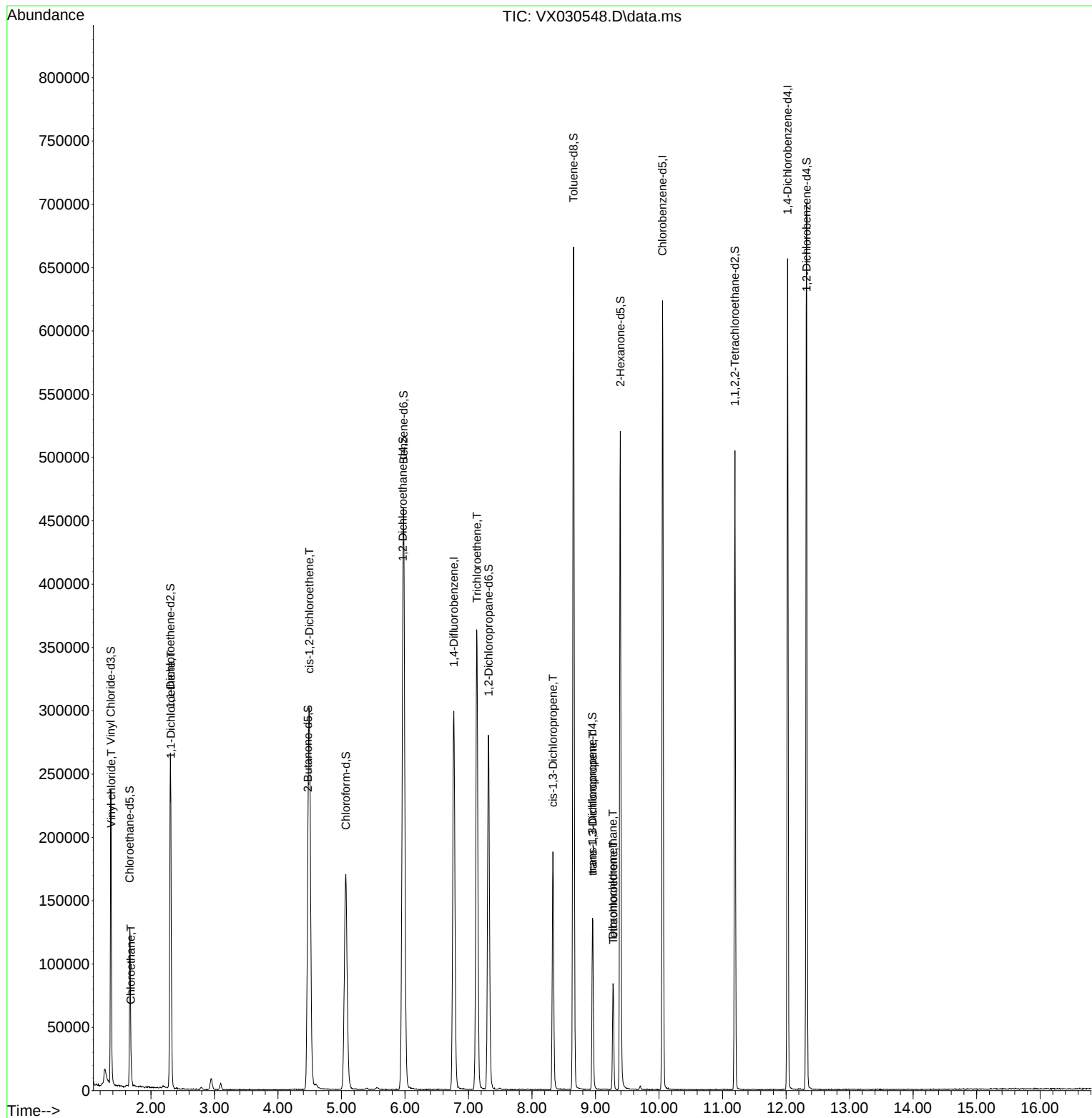
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	291070	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262054	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117883	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102111	54.628	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 109.260%		
7) Chloroethane-d5	1.666	69	78138	59.299	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 118.600%		
11) 1,1-Dichloroethene-d2	2.306	63	153643	43.454	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 86.900%		
21) 2-Butanone-d5	4.471	46	209855	121.170	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 121.170%		
24) Chloroform-d	5.068	84	210066	54.594	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 109.180%		
26) 1,2-Dichloroethane-d4	5.964	65	152106	58.218	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 116.440%		
32) Benzene-d6	5.976	84	420128	55.969	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 111.940%		
36) 1,2-Dichloropropane-d6	7.318	67	139557	57.303	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 114.600%		
41) Toluene-d8	8.653	98	381708	53.947	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 107.900%		
43) trans-1,3-Dichloroprop...	8.952	79	63403	52.331	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 104.660%		
47) 2-Hexanone-d5	9.390	63	141274	113.804	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 113.800%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	184318	57.611	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 115.220%		
66) 1,2-Dichlorobenzene-d4	12.323	152	128478	56.191	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 112.380%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	52302	26.000	ug/L	100
8) Chloroethane	1.685	64	3163	2.760	ug/L	100
12) 1,1-Dichloroethene	2.312	96	3905	2.397	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	137557	64.789	ug/L	97
34) Trichloroethene	7.135	95	134330	55.202	ug/L	87
39) cis-1,3-Dichloropropene	8.330	75	4269	1.281	ug/L #	50
44) trans-1,3-Dichloropropene	8.958	75	3209	0.984	ug/L	91
46) Tetrachloroethene	9.281	164	14370	9.344	ug/L	90
49) Dibromochloromethane	9.275	129	15238	6.895	ug/L #	10

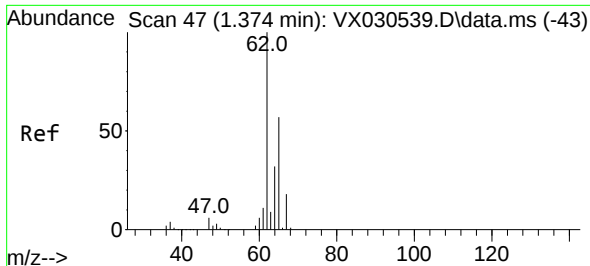
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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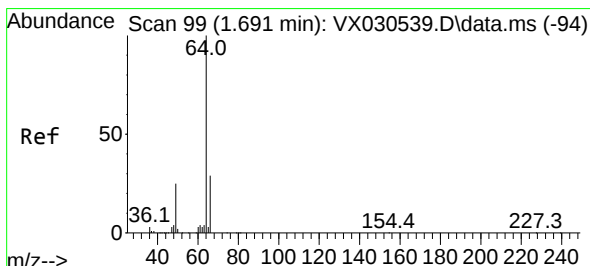
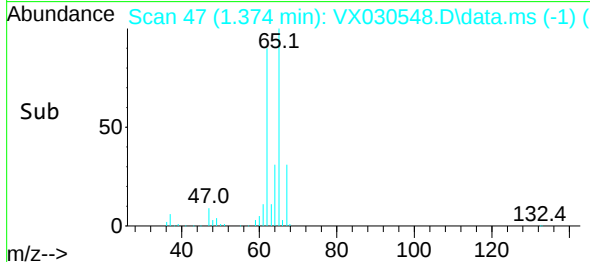
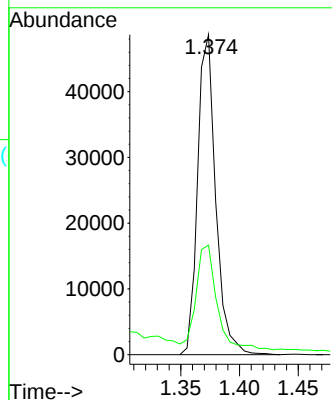
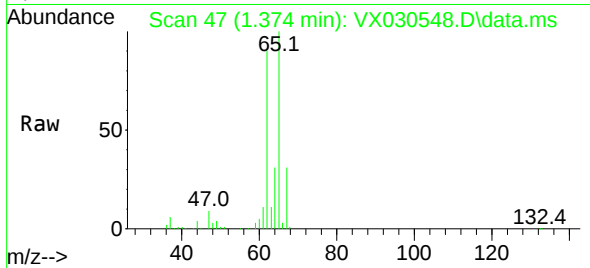




#5
 Vinyl chloride
 Concen: 26.000 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030548.D
 Acq: 10 Aug 2022 13:36

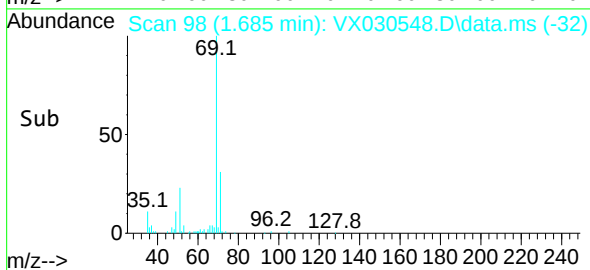
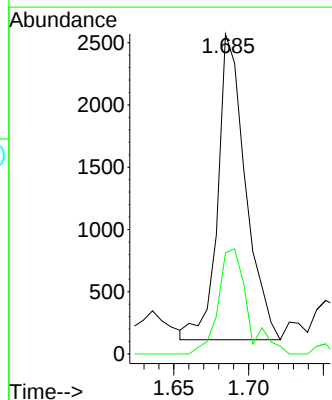
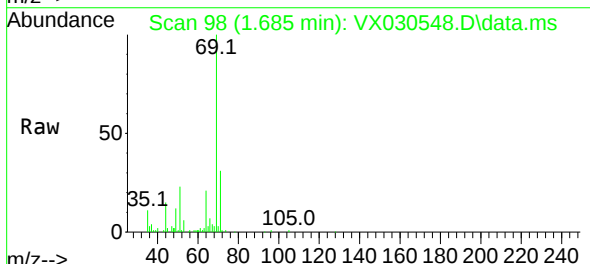
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D45DL

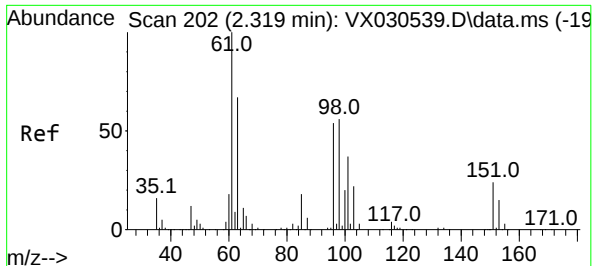
Tgt Ion: 62 Resp: 52302
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.8 44.2



#8
 Chloroethane
 Concen: 2.760 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030548.D
 Acq: 10 Aug 2022 13:36

Tgt Ion: 64 Resp: 3163
 Ion Ratio Lower Upper
 64 100
 66 31.7 22.1 41.1





#12

1,1-Dichloroethene

Concen: 2.397 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX030548.D

Acq: 10 Aug 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

F5D45DL

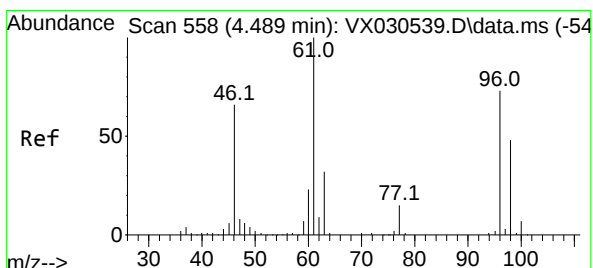
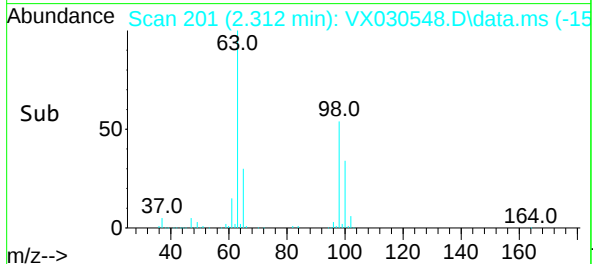
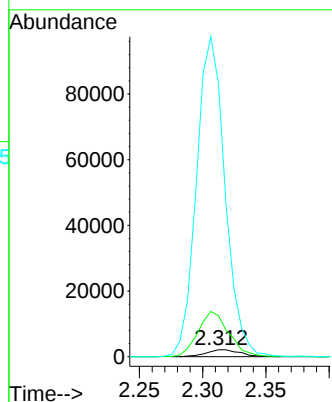
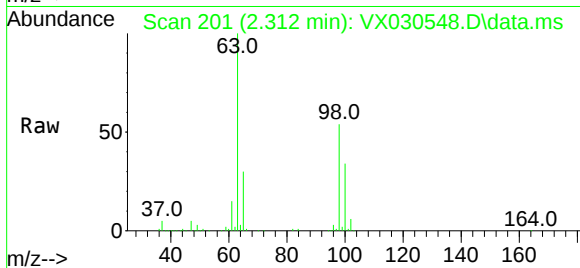
Tgt Ion: 96 Resp: 3905

Ion Ratio Lower Upper

96 100

61 589.2 130.2 241.8#

63 3936.0 113.5 210.9#



#20

cis-1,2-Dichloroethene

Concen: 64.789 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030548.D

Acq: 10 Aug 2022 13:36

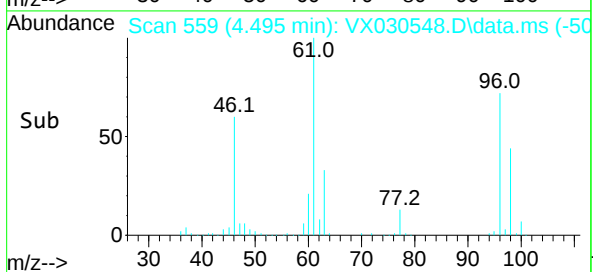
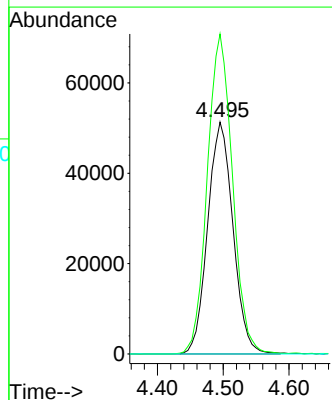
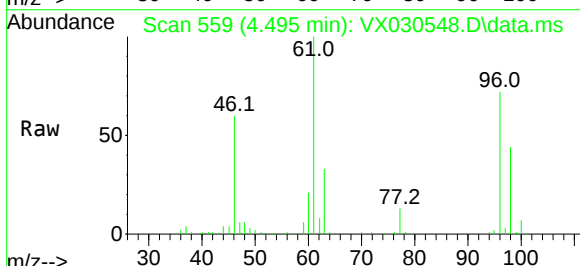
Tgt Ion: 96 Resp: 137557

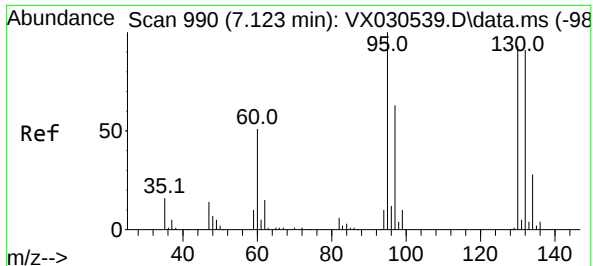
Ion Ratio Lower Upper

96 100

61 138.0 94.0 174.6

68 0.0 0.0 0.0

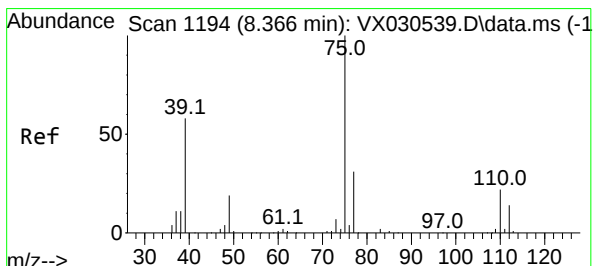
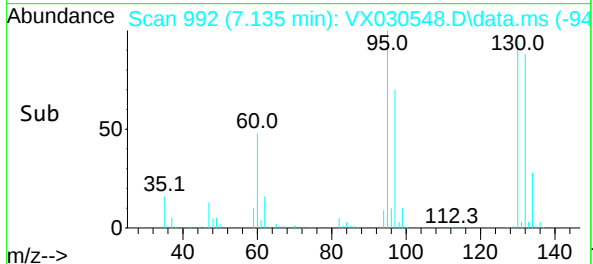
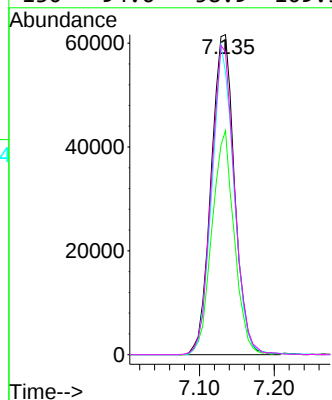
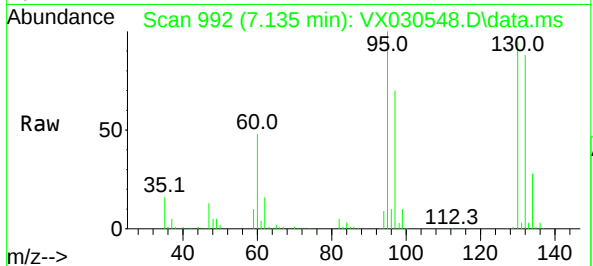




#34
Trichloroethene
Concen: 55.202 ug/L
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030548.D
Acq: 10 Aug 2022 13:36

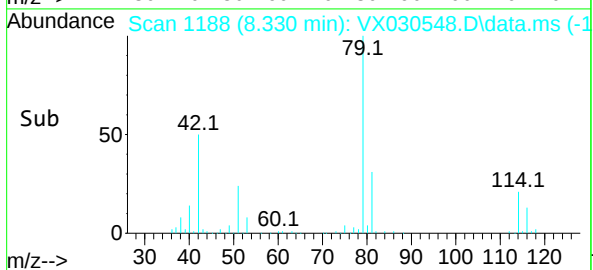
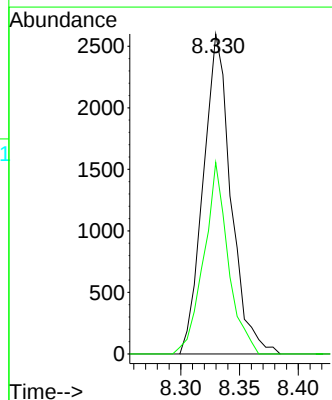
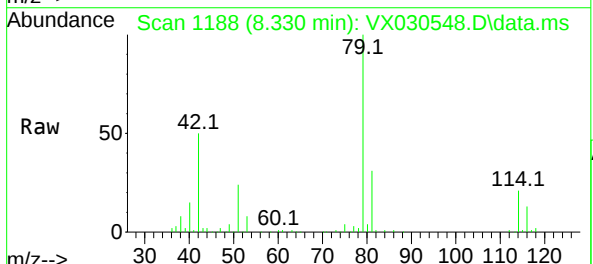
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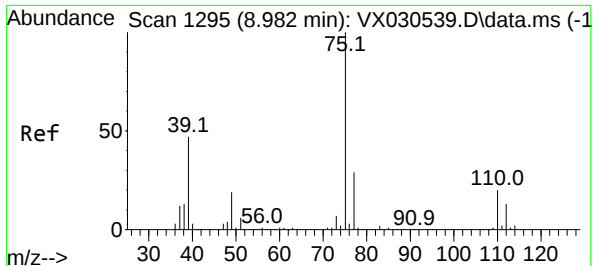
Tgt Ion: 95 Resp: 134330
Ion Ratio Lower Upper
95 100
97 70.0 40.2 74.6
132 88.3 55.3 102.7
130 94.6 58.9 109.5



#39
cis-1,3-Dichloropropene
Concen: 1.281 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX030548.D
Acq: 10 Aug 2022 13:36

Tgt Ion: 75 Resp: 4269
Ion Ratio Lower Upper
75 100
77 59.8 22.4 41.6#

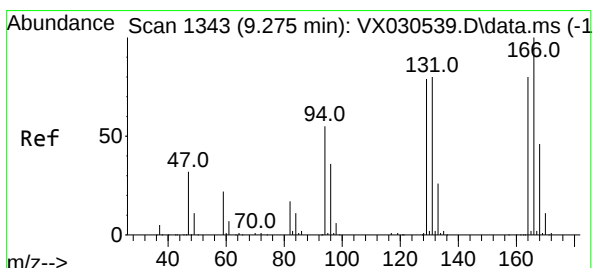
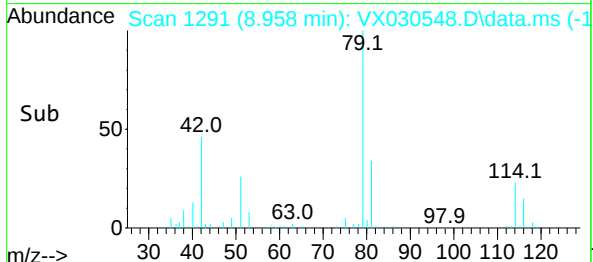
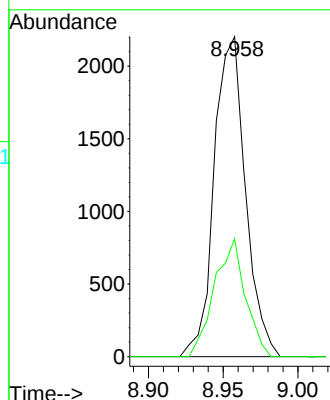
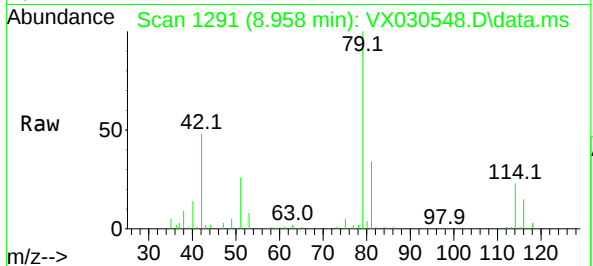




#44
trans-1,3-Dichloropropene
Concen: 0.984 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX030548.D
Acq: 10 Aug 2022 13:36

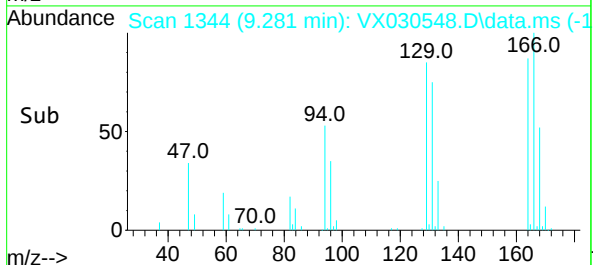
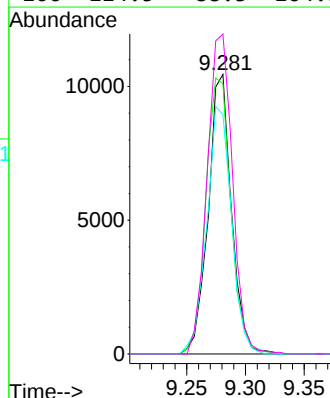
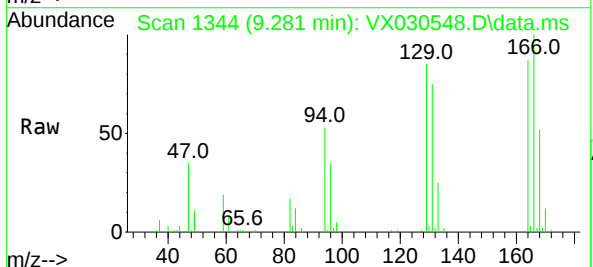
Instrument :
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ClientSampleId :
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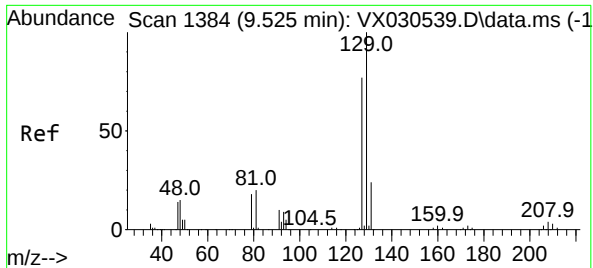
Tgt Ion: 75 Resp: 3209
Ion Ratio Lower Upper
75 100
77 36.9 22.5 41.7



#46
Tetrachloroethene
Concen: 9.344 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030548.D
Acq: 10 Aug 2022 13:36

Tgt Ion:164 Resp: 14370
Ion Ratio Lower Upper
164 100
129 96.8 72.7 135.1
131 85.6 69.9 129.9
166 114.5 88.3 164.1





#49

Dibromochloromethane

Concen: 6.895 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX030548.D

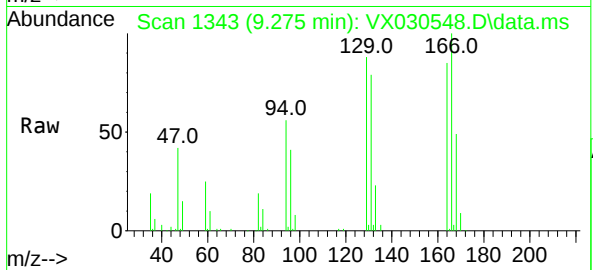
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Instrument :

MSVOA_X

ClientSampleId :

F5D45DL



Tgt Ion:129 Resp: 15238

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.2#

