

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030689.D
 Acq On : 18 Aug 2022 16:48
 Operator : JC/MD
 Sample : N4231-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 19:30:50 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)

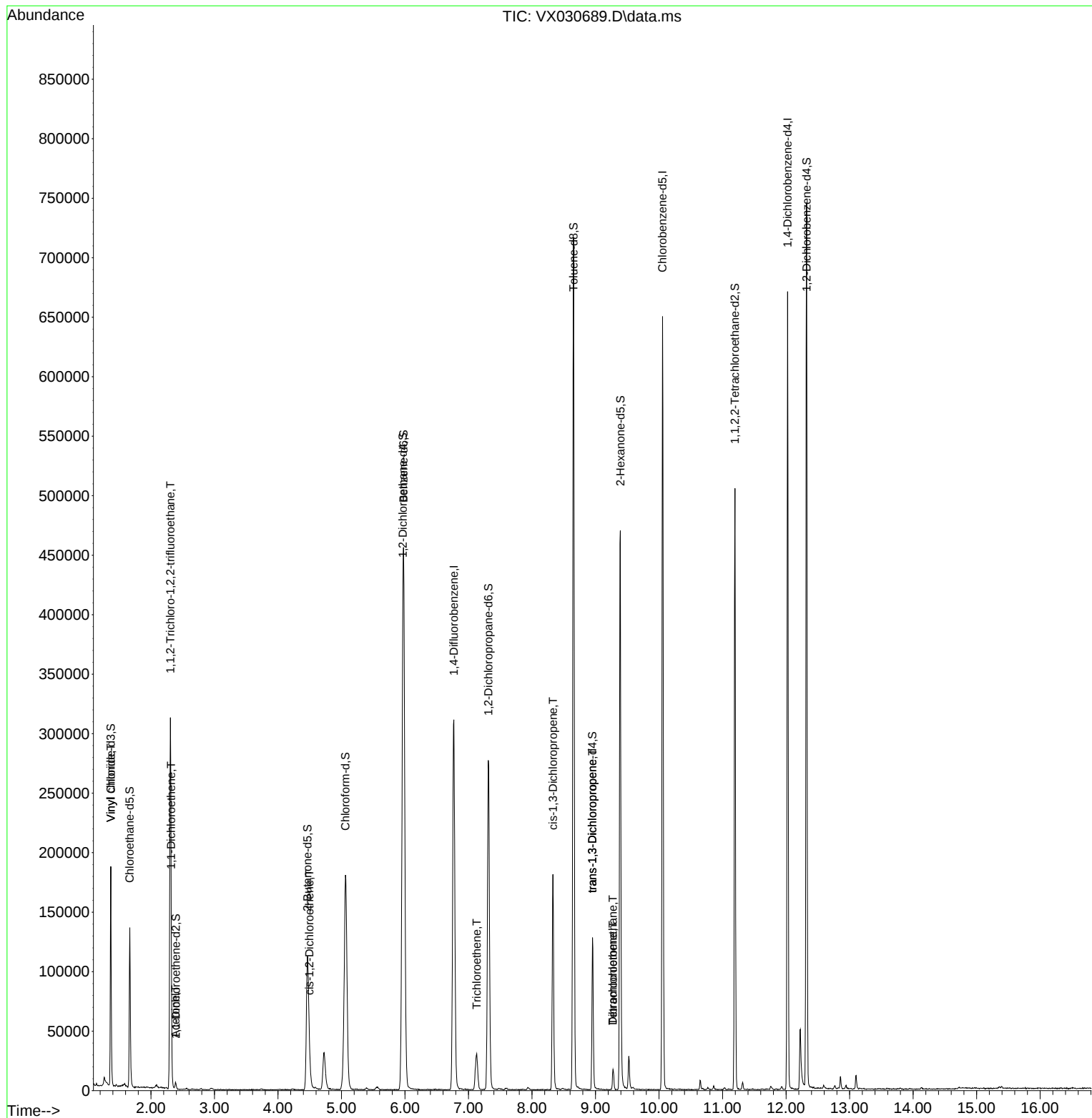
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	323238	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	297712	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131675	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	113289	54.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.160%
7) Chloroethane-d5	1.666	69	86744	59.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.560%
11) 1,1-Dichloroethene-d2	2.392	63	102	0.026	ug/L	0.09
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.060%#
21) 2-Butanone-d5	4.465	46	193121	100.411	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.410%
24) Chloroform-d	5.062	84	223726	52.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.720%
26) 1,2-Dichloroethane-d4	5.964	65	141971	48.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.860%
32) Benzene-d6	5.976	84	473533	55.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.060%
36) 1,2-Dichloropropane-d6	7.312	67	153391	55.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.880%
41) Toluene-d8	8.653	98	429893	53.480	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.960%
43) trans-1,3-Dichloroprop...	8.952	79	62217	45.201	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.400%
47) 2-Hexanone-d5	9.390	63	143598	101.821	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	197205	54.256	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.520%
66) 1,2-Dichlorobenzene-d4	12.323	152	145910	57.131	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.260%
Target Compounds						Qvalue
5) Vinyl chloride	1.368	62	2077	0.930	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1660	0.845	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	6076	3.358	ug/L #	1
13) Acetone	2.386	43	5393	3.826	ug/L	89
20) cis-1,2-Dichloroethene	4.495	96	3495	1.482	ug/L	78
34) Trichloroethene	7.129	95	8979	3.248	ug/L	83
39) cis-1,3-Dichloropropene	8.330	75	3717	0.982	ug/L #	73
44) trans-1,3-Dichloropropene	8.952	75	2709	0.731	ug/L	94
46) Tetrachloroethene	9.275	164	2312	1.323	ug/L	94
49) Dibromochloromethane	9.275	129	2500	0.996	ug/L #	10

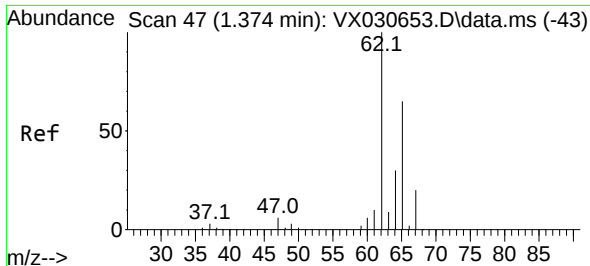
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

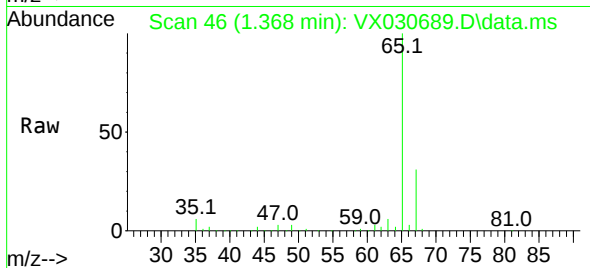
Quant Time: Aug 18 19:30:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 18 04:21:09 2022
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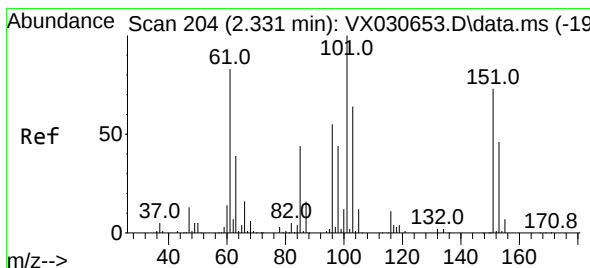
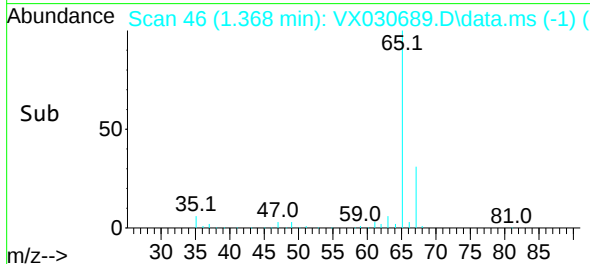
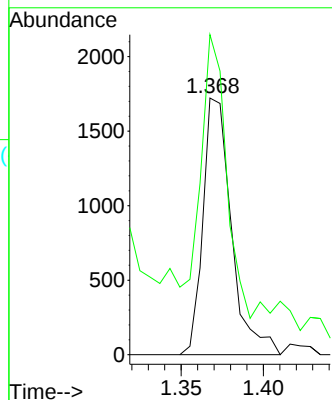


#5
 Vinyl chloride
 Concen: 0.930 ug/L
 RT: 1.368 min Scan# 4
 Delta R.T. -0.006 min
 Lab File: VX030689.D
 Acq: 18 Aug 2022 16:48

Instrument :
 MSVOA_X
 ClientSampleId :

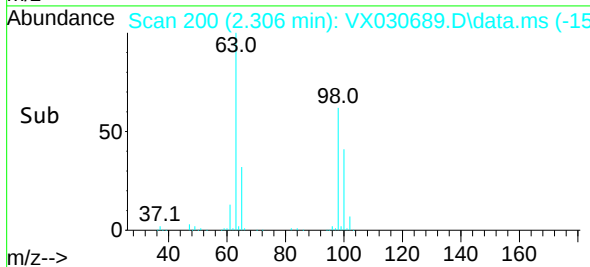
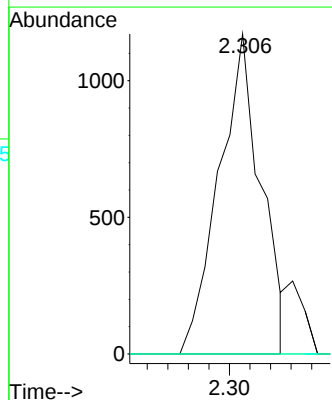
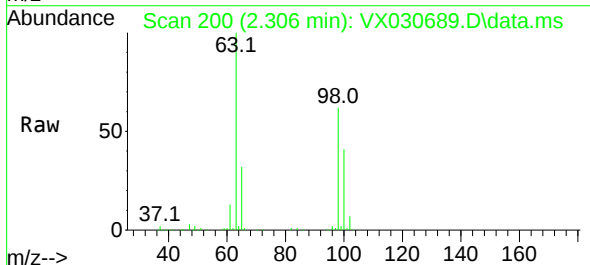


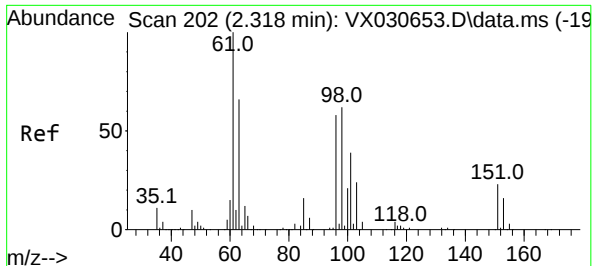
Tgt Ion: 62 Resp: 2077
 Ion Ratio Lower Upper
 62 100
 64 124.7 23.8 44.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.845 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.024 min
 Lab File: VX030689.D
 Acq: 18 Aug 2022 16:48

Tgt Ion: 101 Resp: 1660
 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: 3.358 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX030689.D

Acq: 18 Aug 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

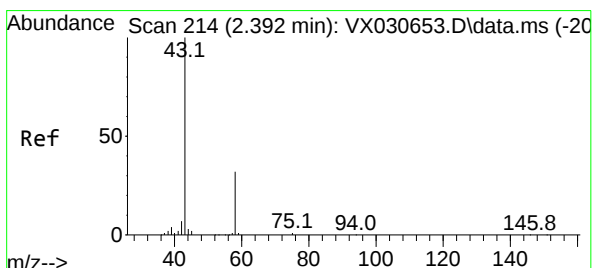
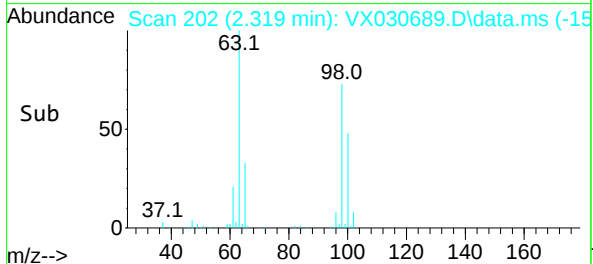
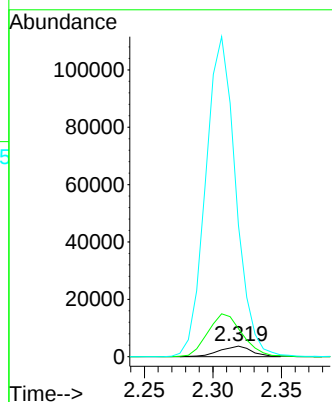
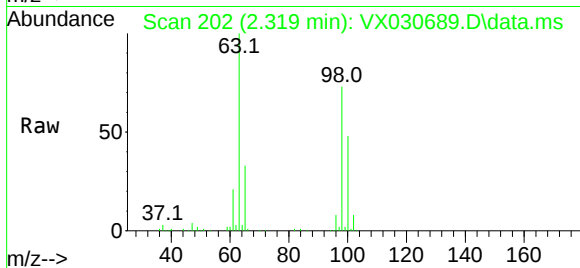
Tgt Ion: 96 Resp: 6076

Ion Ratio Lower Upper

96 100

61 266.8 130.2 241.8#

63 1251.2 113.5 210.9#



#13

Acetone

Concen: 3.826 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX030689.D

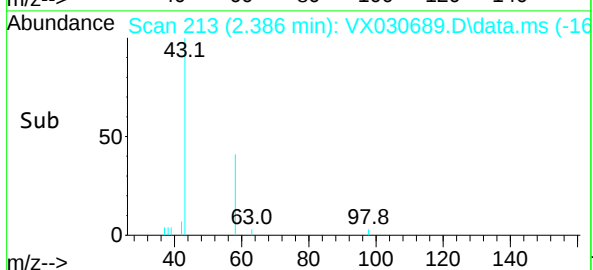
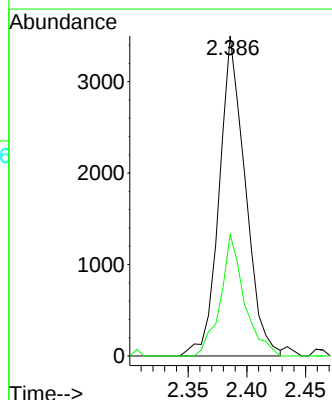
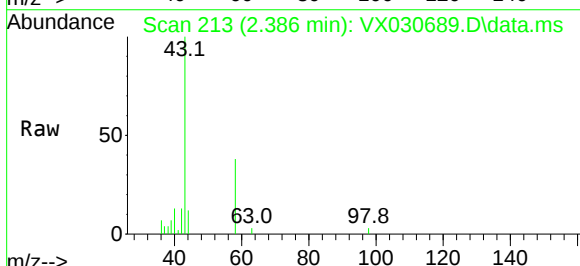
Acq: 18 Aug 2022 16:48

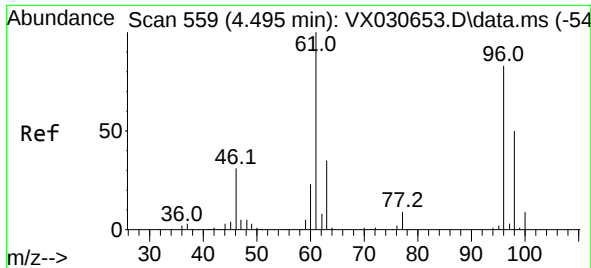
Tgt Ion: 43 Resp: 5393

Ion Ratio Lower Upper

43 100

58 34.8 0.0 57.8

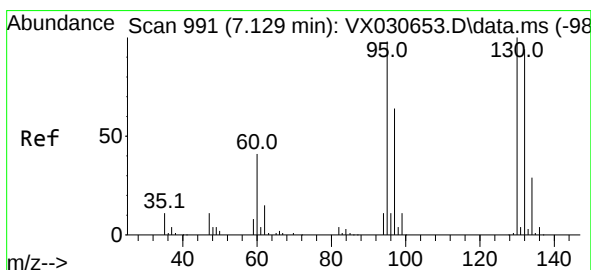
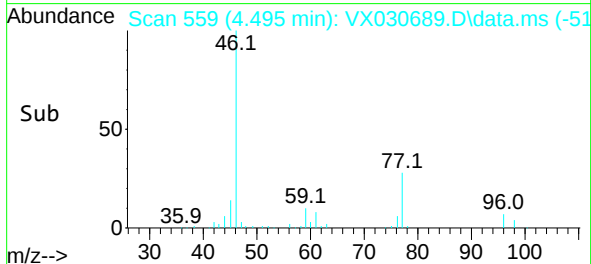
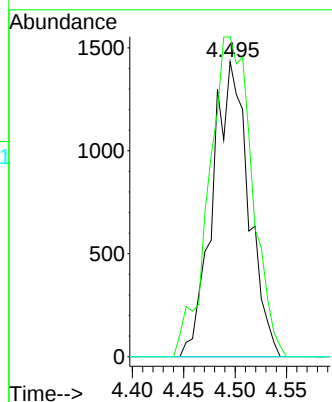
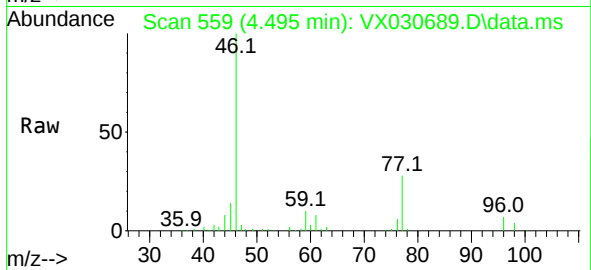




#20
 cis-1,2-Dichloroethene
 Concen: 1.482 ug/L
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX030689.D
 Acq: 18 Aug 2022 16:48

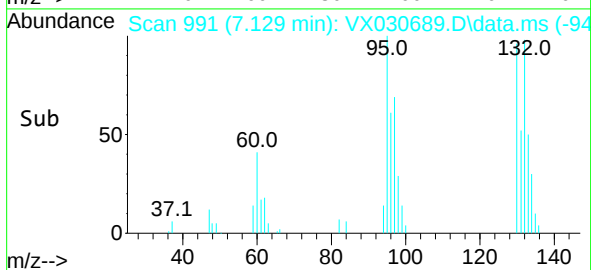
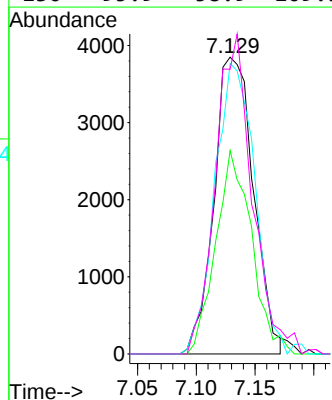
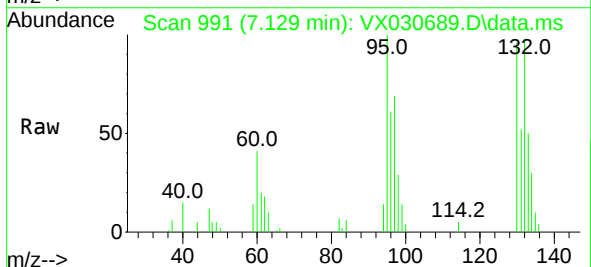
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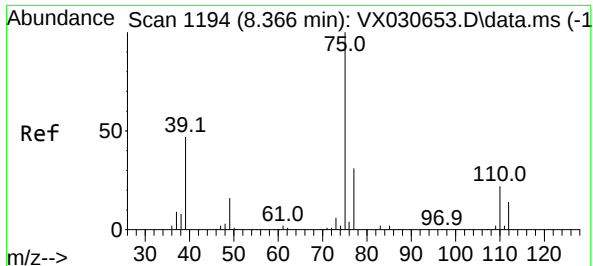
Tgt Ion: 96 Resp: 3495
 Ion Ratio Lower Upper
 96 100
 61 108.5 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.248 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX030689.D
 Acq: 18 Aug 2022 16:48

Tgt Ion: 95 Resp: 8979
 Ion Ratio Lower Upper
 95 100
 97 68.5 40.2 74.6
 132 97.9 55.3 102.7
 130 95.9 58.9 109.5





#39

cis-1,3-Dichloropropene

Concen: 0.982 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030689.D

Acq: 18 Aug 2022 16:48

Instrument :

MSVOA_X

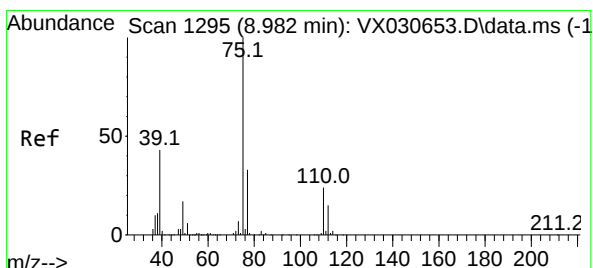
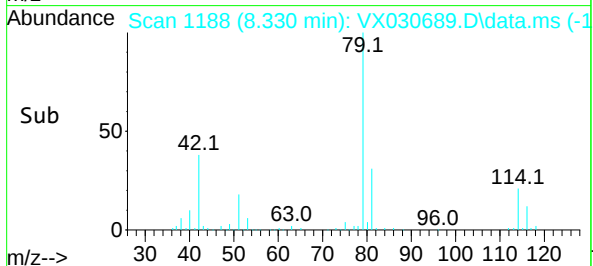
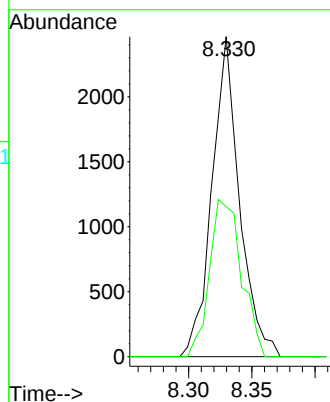
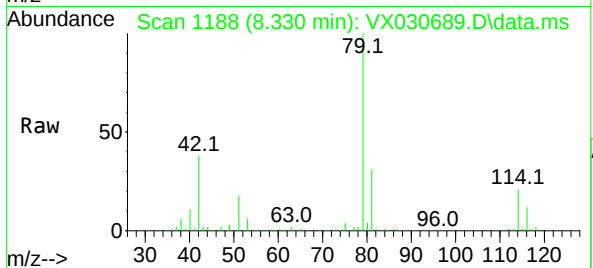
ClientSampleId :

Tgt Ion: 75 Resp: 3717

Ion Ratio Lower Upper

75 100

77 46.9 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030689.D

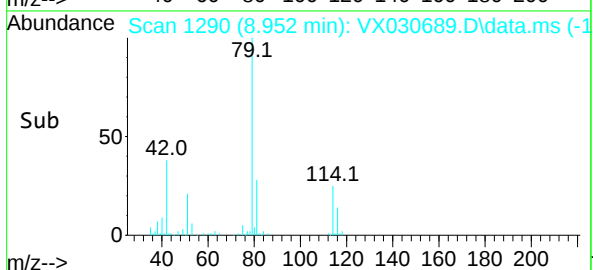
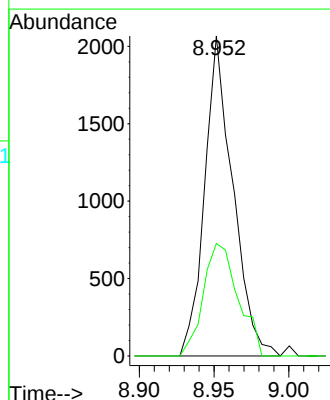
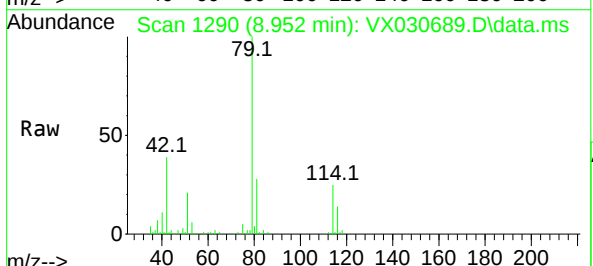
Acq: 18 Aug 2022 16:48

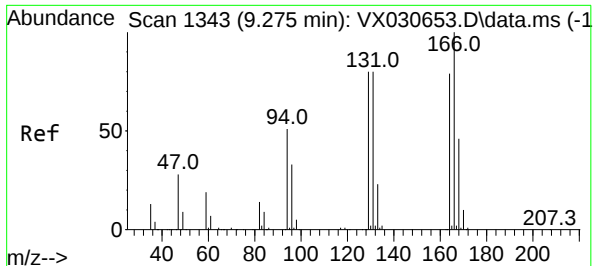
Tgt Ion: 75 Resp: 2709

Ion Ratio Lower Upper

75 100

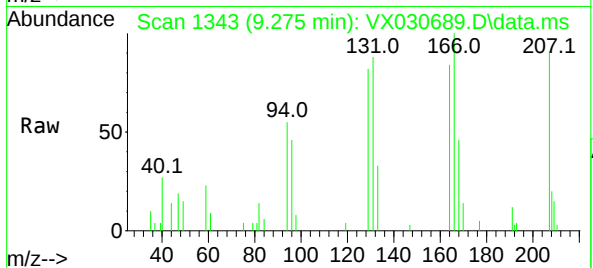
77 35.2 22.5 41.7



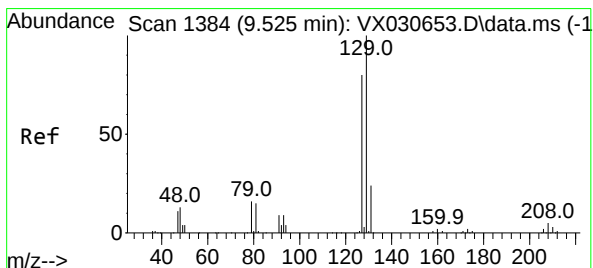
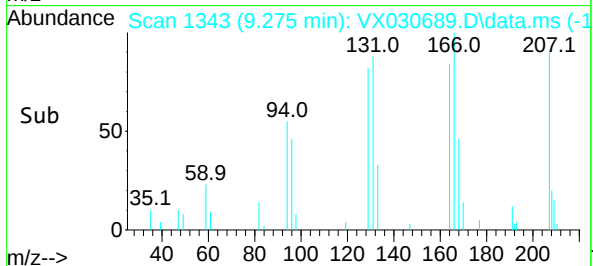
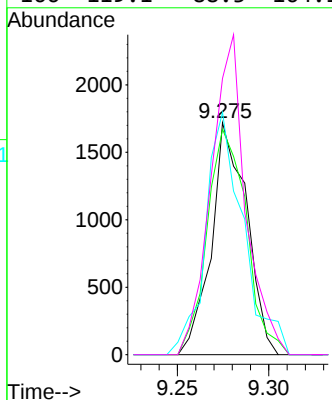


#46
Tetrachloroethene
Concen: 1.323 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030689.D
Acq: 18 Aug 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	164	Resp:	2312
Ion	Ratio	Lower	Upper
164	100		
129	97.2	72.7	135.1
131	104.5	69.9	129.9
166	119.1	88.3	164.1



#49
Dibromochloromethane
Concen: 0.996 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030689.D
Acq: 18 Aug 2022 16:48

Tgt Ion:	129	Resp:	2500
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.2#

