

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029464.D
 Acq On : 14 Jun 2022 14:57
 Operator : JC/MD
 Sample : N3248-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX1

Quant Time: Jun 15 05:45:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 05:41:21 2022
 Response via : Initial Calibration

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

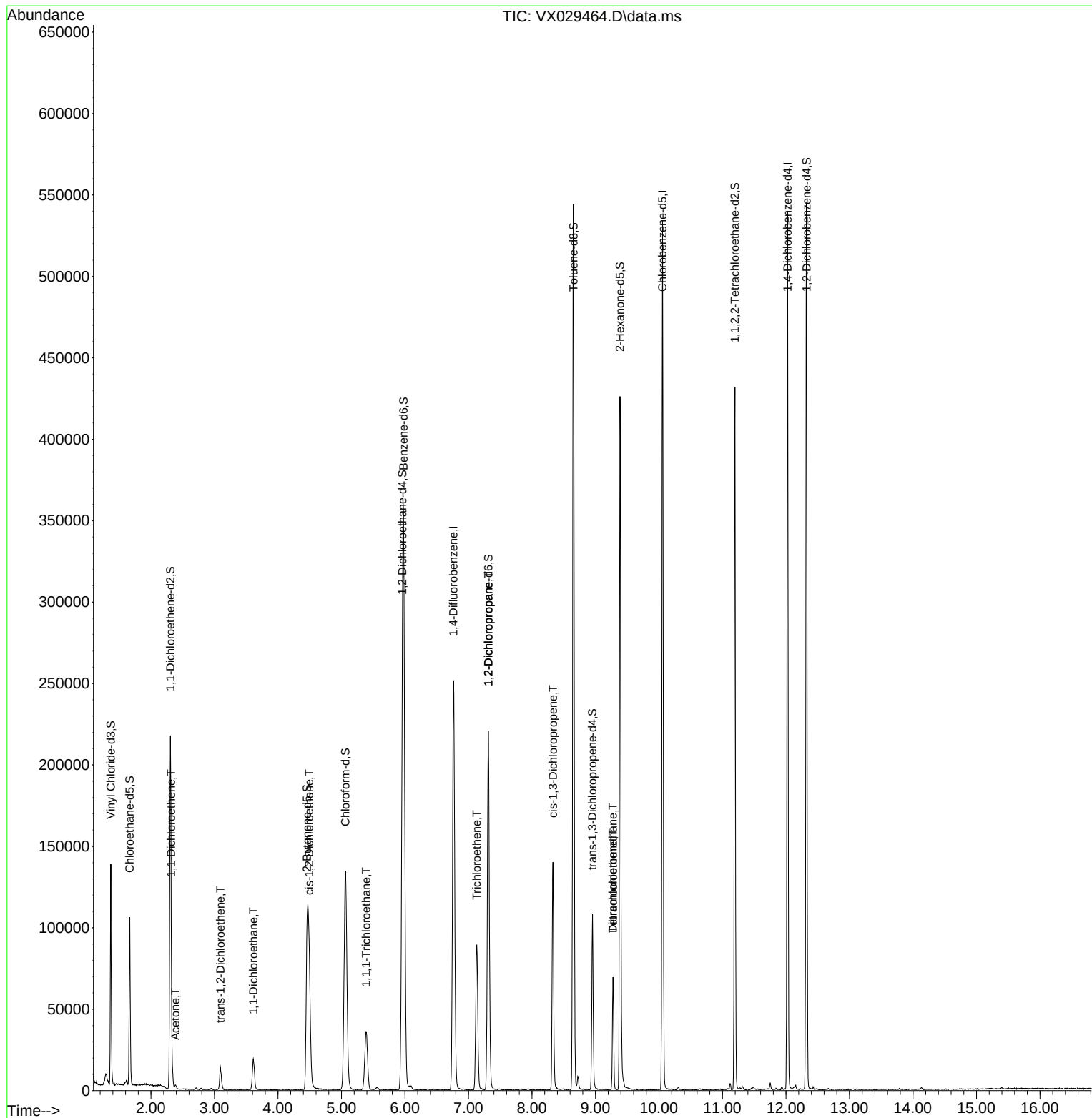
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	264303	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	237825	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106527	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	85425	41.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.480%
7) Chloroethane-d5	1.666	69	69388	54.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.120%
11) 1,1-Dichloroethene-d2	2.307	63	120564	32.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.400%
21) 2-Butanone-d5	4.459	46	172721	111.321	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.320%
24) Chloroform-d	5.062	84	177977	45.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
26) 1,2-Dichloroethane-d4	5.958	65	120819	47.828	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
32) Benzene-d6	5.977	84	368831	49.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
36) 1,2-Dichloropropane-d6	7.312	67	111749	51.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.720%
41) Toluene-d8	8.653	98	328231	46.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
43) trans-1,3-Dichloroprop...	8.952	79	46498	43.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.680%
47) 2-Hexanone-d5	9.385	63	130775	111.124	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.120%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	164541	51.574	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.140%
66) 1,2-Dichlorobenzene-d4	12.323	152	108519	48.999	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	2228	1.243	ug/L #	1
13) Acetone	2.386	43	2841	2.747	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	5461	2.845	ug/L	93
19) 1,1-Dichloroethane	3.611	63	21316	6.288	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	35113	16.187	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	35375	10.725	ug/L	98
34) Trichloroethene	7.129	95	35096	12.804	ug/L	98
37) 1,2-Dichloropropane	7.312	63	12449	6.566	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	3536	1.167	ug/L #	67
46) Tetrachloroethene	9.275	164	12357	7.854	ug/L	97
49) Dibromochloromethane	9.275	129	12319	5.900	ug/L #	11

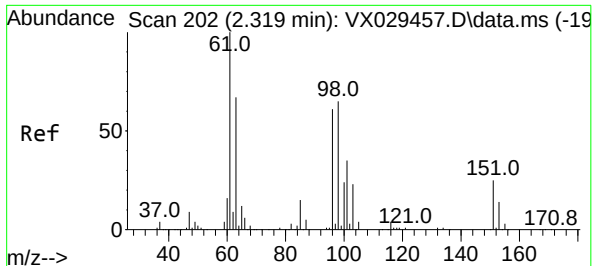
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 15 05:41:21 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.243 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX029464.D

Acq: 14 Jun 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

EXYX1

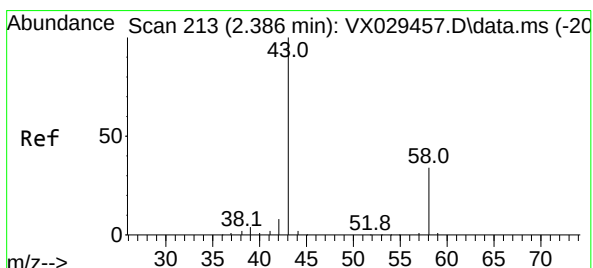
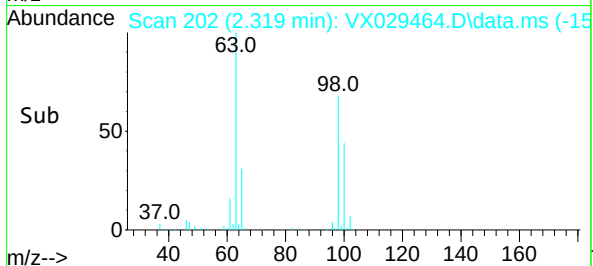
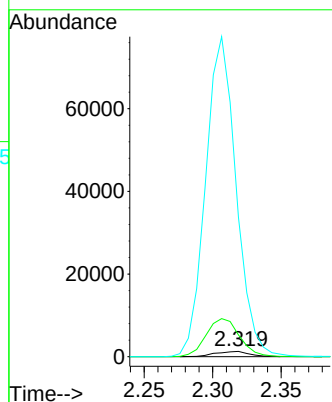
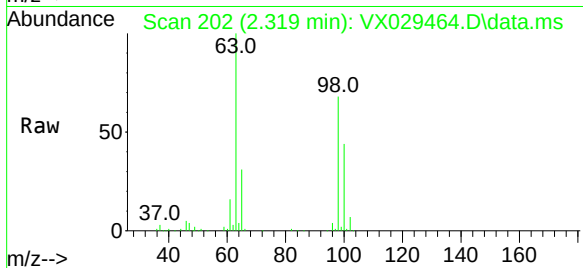
Tgt Ion: 96 Resp: 2228

Ion Ratio Lower Upper

96 100

61 408.0 118.2 219.4#

63 2608.2 109.6 203.4#



#13

Acetone

Concen: 2.747 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX029464.D

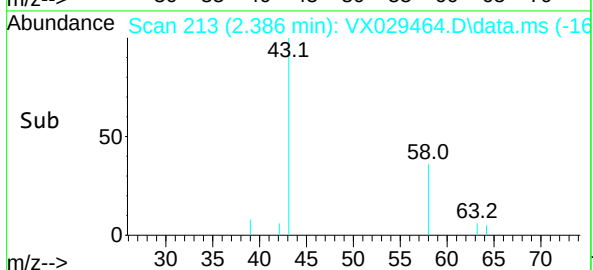
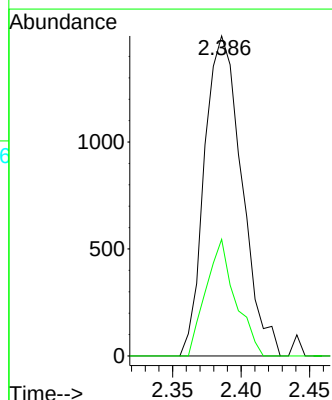
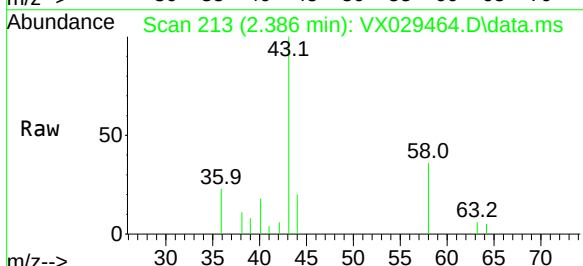
Acq: 14 Jun 2022 14:57

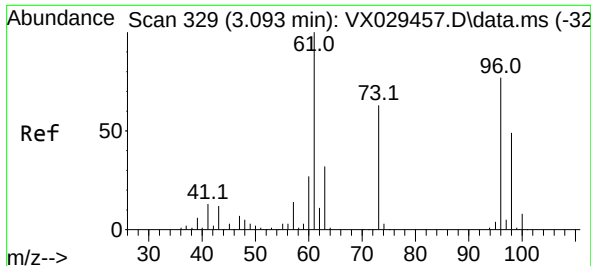
Tgt Ion: 43 Resp: 2841

Ion Ratio Lower Upper

43 100

58 28.6 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 2.845 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX029464.D

Acq: 14 Jun 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

EXYX1

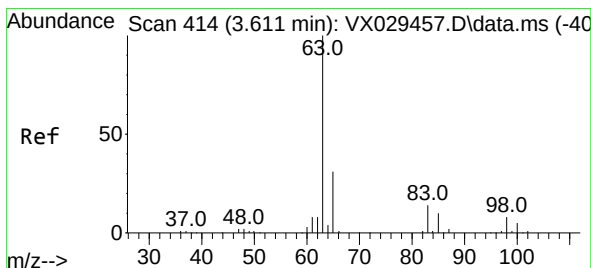
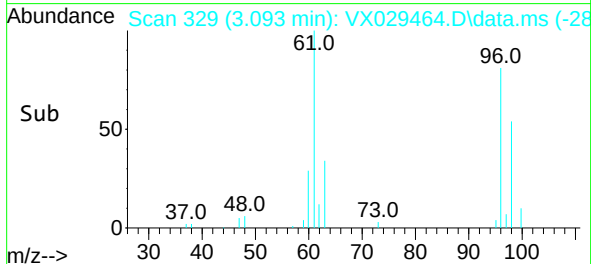
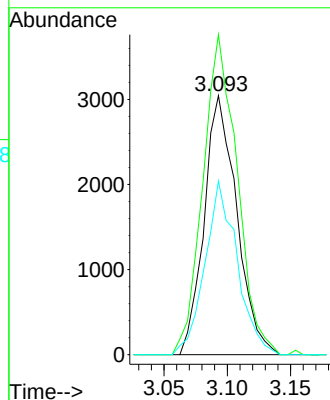
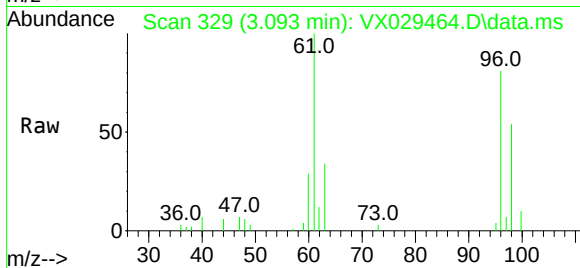
Tgt Ion: 96 Resp: 5461

Ion Ratio Lower Upper

96 100

61 123.5 93.0 172.6

98 67.0 44.3 82.3



#19

1,1-Dichloroethane

Concen: 6.288 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX029464.D

Acq: 14 Jun 2022 14:57

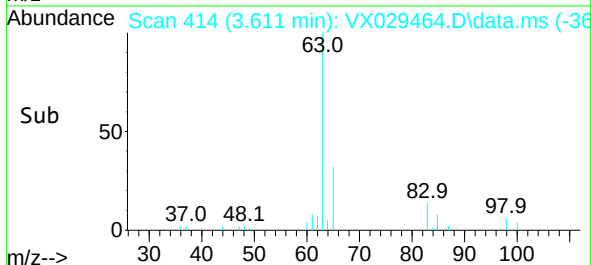
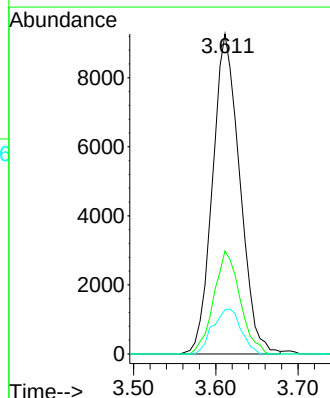
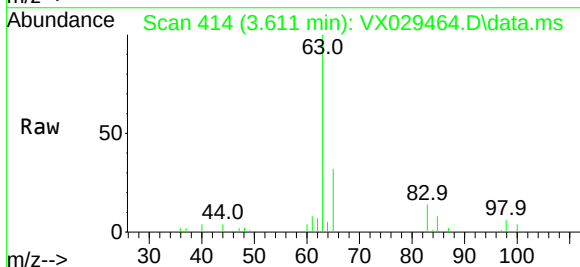
Tgt Ion: 63 Resp: 21316

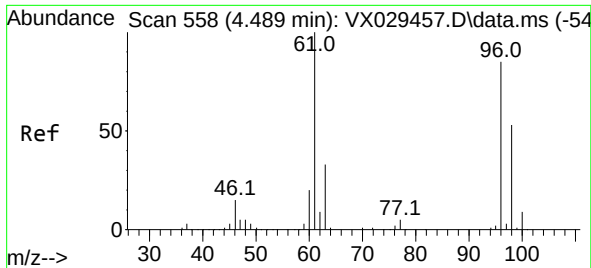
Ion Ratio Lower Upper

63 100

65 32.2 22.9 42.5

83 13.8 10.1 18.9

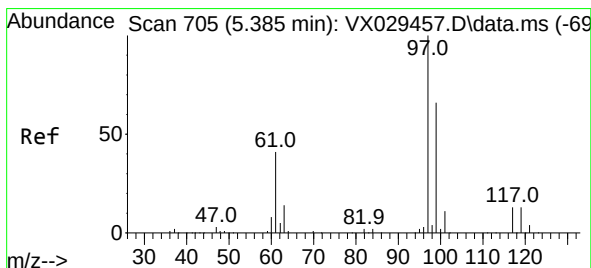
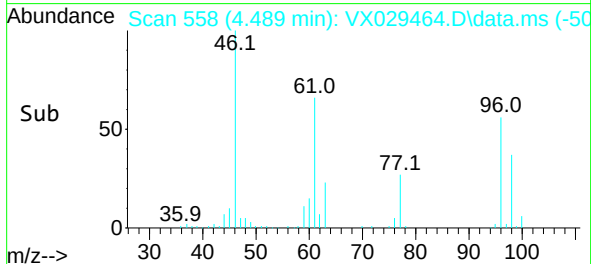
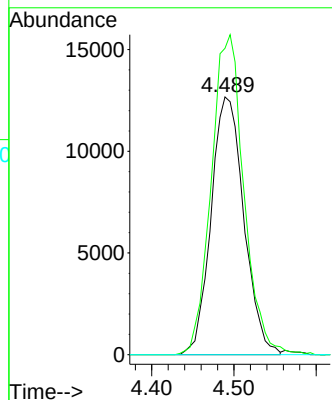
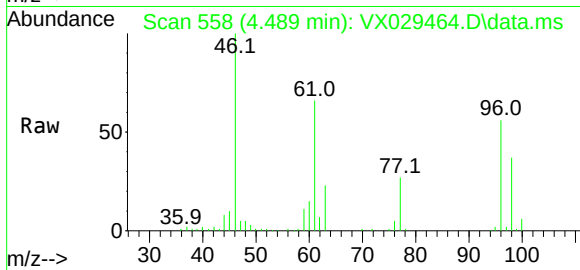




#20
 cis-1,2-Dichloroethene
 Concen: 16.187 ug/L
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX029464.D
 Acq: 14 Jun 2022 14:57

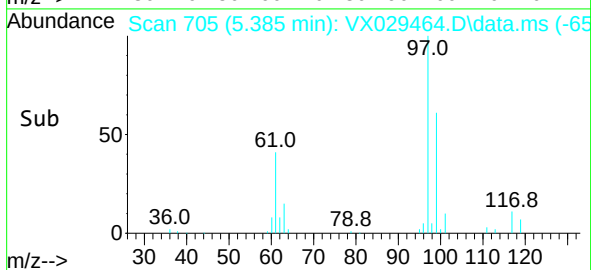
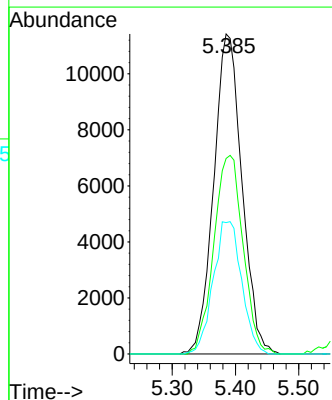
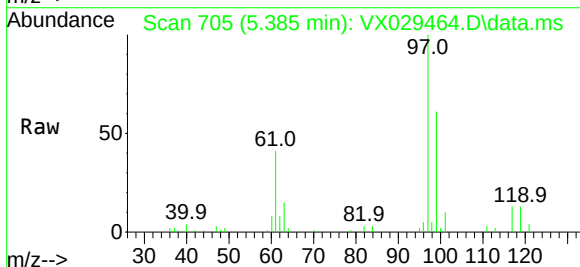
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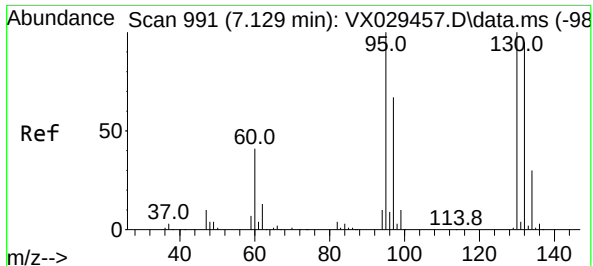
Tgt Ion: 96 Resp: 35113
 Ion Ratio Lower Upper
 96 100
 61 118.9 86.7 161.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 10.725 ug/L
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX029464.D
 Acq: 14 Jun 2022 14:57

Tgt Ion: 97 Resp: 35375
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.5 77.3
 61 41.6 35.2 52.8



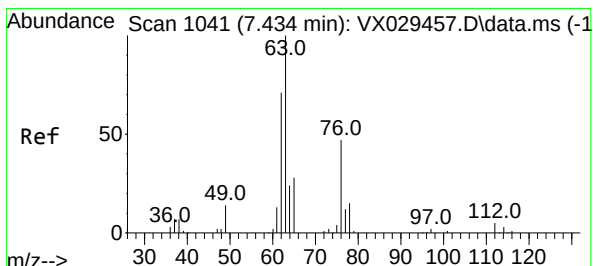
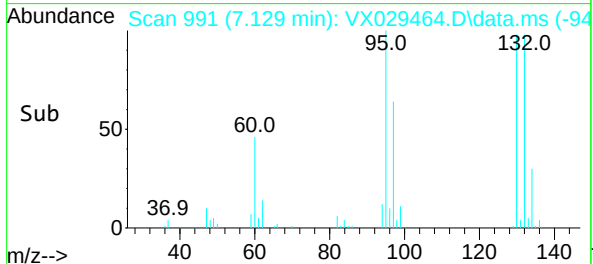
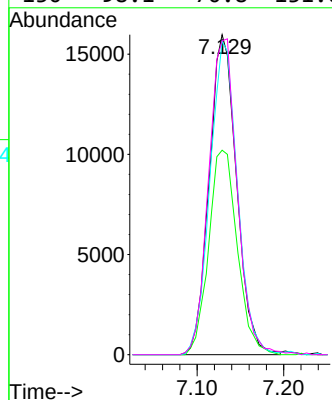
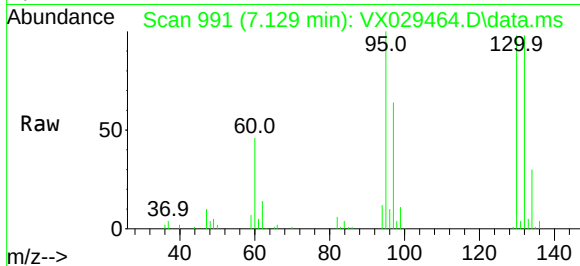


#34
 Trichloroethene
 Concen: 12.804 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX029464.D
 Acq: 14 Jun 2022 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX1

Tgt Ion: 95 Resp: 35096

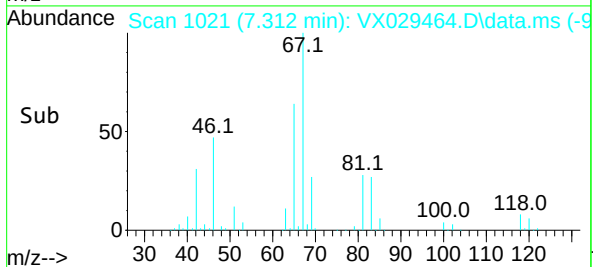
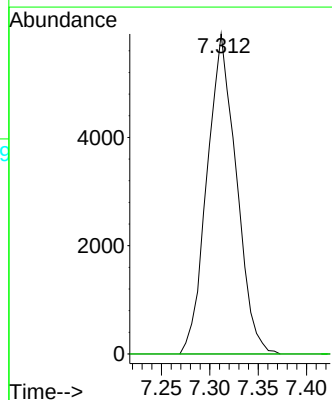
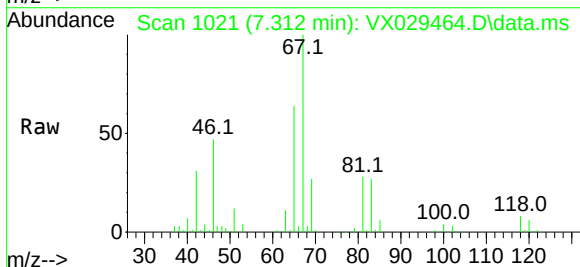
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.5	84.5
132	98.0	69.9	129.7
130	98.1	70.8	131.6

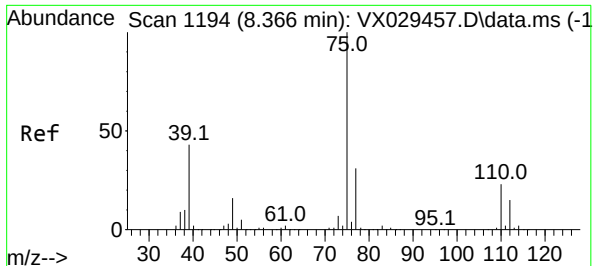


#37
 1,2-Dichloropropane
 Concen: 6.566 ug/L
 RT: 7.312 min Scan# 1021
 Delta R.T. -0.122 min
 Lab File: VX029464.D
 Acq: 14 Jun 2022 14:57

Tgt Ion: 63 Resp: 12449

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8

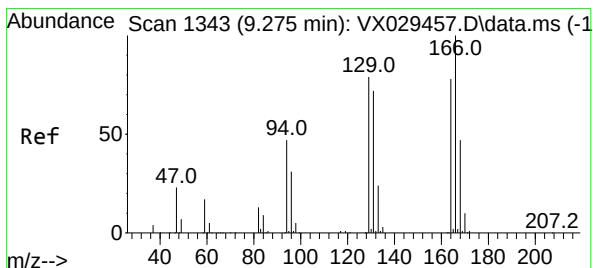
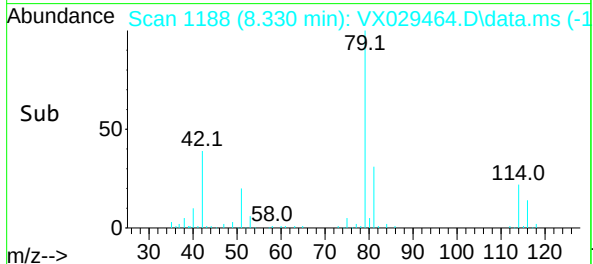
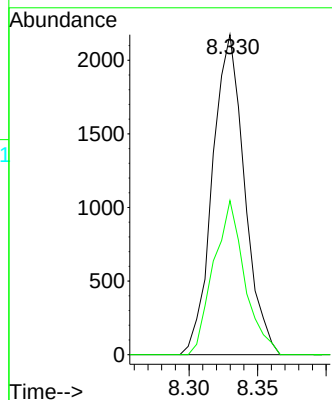
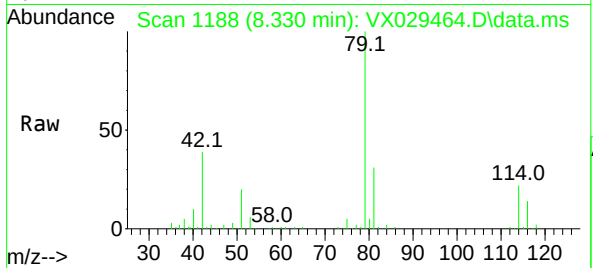




#39
cis-1,3-Dichloropropene
Concen: 1.167 ug/L
RT: 8.330 min Scan# 1194
Delta R.T. -0.036 min
Lab File: VX029464.D
Acq: 14 Jun 2022 14:57

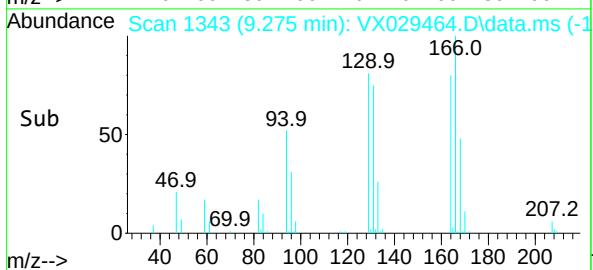
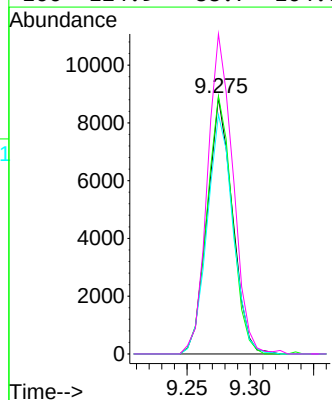
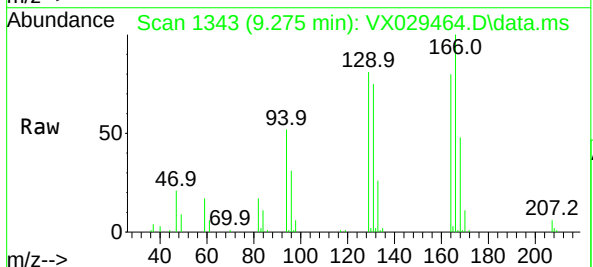
Instrument : MSVOA_X
ClientSampleId : EXYX1

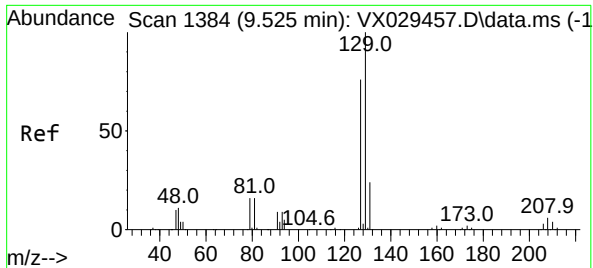
Tgt Ion: 75 Resp: 3536
Ion Ratio Lower Upper
75 100
77 48.2 21.1 39.1#



#46
Tetrachloroethene
Concen: 7.854 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX029464.D
Acq: 14 Jun 2022 14:57

Tgt Ion:164 Resp: 12357
Ion Ratio Lower Upper
164 100
129 100.7 65.5 121.7
131 93.4 64.3 119.3
166 124.9 88.7 164.7





#49

Dibromochloromethane

Concen: 5.900 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX029464.D

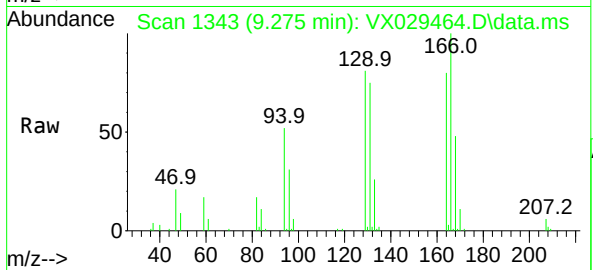
Acq: 14 Jun 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

EXYX1



Tgt Ion:129 Resp: 12319

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#

