

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030405.D
 Acq On : 04 Aug 2022 20:34
 Operator : JC/MD
 Sample : N4003-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D86

Quant Time: Aug 05 05:29:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

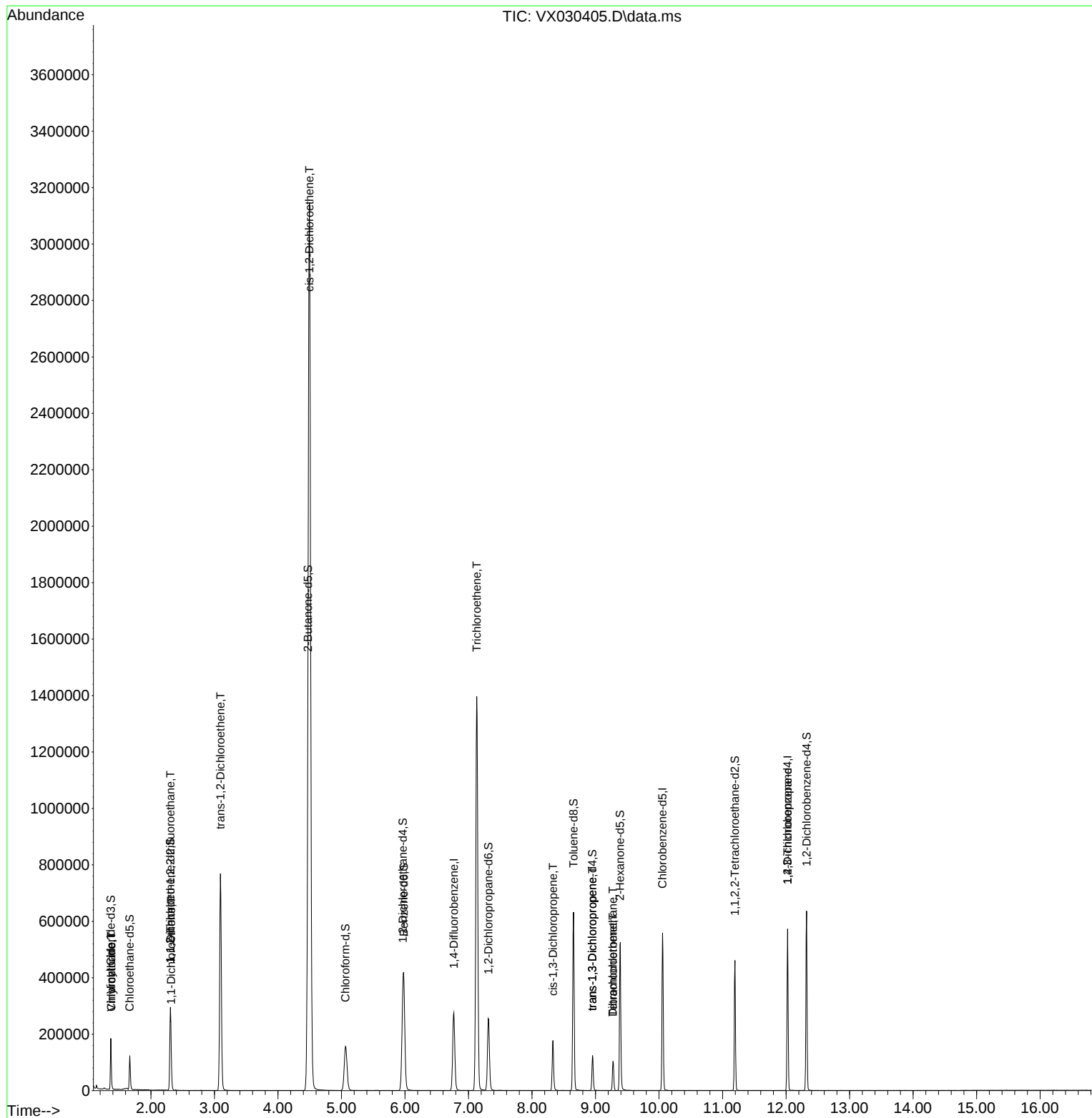
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	269486	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	238616	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105999	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	97413	56.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 112.580%			
7) Chloroethane-d5	1.666	69	74332	60.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 121.860%			
11) 1,1-Dichloroethene-d2	2.306	63	158675	48.471	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.940%			
21) 2-Butanone-d5	4.471	46	216310	134.900	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 134.900%#			
24) Chloroform-d	5.062	84	198238	55.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.300%			
26) 1,2-Dichloroethane-d4	5.964	65	140818	58.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.420%			
32) Benzene-d6	5.983	84	399538	58.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.900%			
36) 1,2-Dichloropropane-d6	7.312	67	128478	57.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.880%			
41) Toluene-d8	8.653	98	357706	55.520	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.040%			
43) trans-1,3-Dichloroprop...	8.952	79	57231	51.877	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.760%			
47) 2-Hexanone-d5	9.384	63	148510	131.384	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 131.380%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	170180	58.417	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 116.840%			
66) 1,2-Dichlorobenzene-d4	12.323	152	119480	58.114	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.220%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	10828	5.814	ug/L	84
8) Chloroethane	1.374	64	4559	4.297	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1397	0.853	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	5323	3.529	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	291041	166.553	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	1834402	933.197	ug/L	99
34) Trichloroethene	7.129	95	526942	237.811	ug/L	89
39) cis-1,3-Dichloropropene	8.330	75	3886	1.281	ug/L #	66
44) trans-1,3-Dichloropropene	8.952	75	2533	0.853	ug/L #	74
46) Tetrachloroethene	9.275	164	18292	13.062	ug/L	97
49) Dibromochloromethane	9.275	129	19225	9.554	ug/L #	10
61) 1,2,3-Trichloropropane	12.024	75	14454	6.350	ug/L #	68

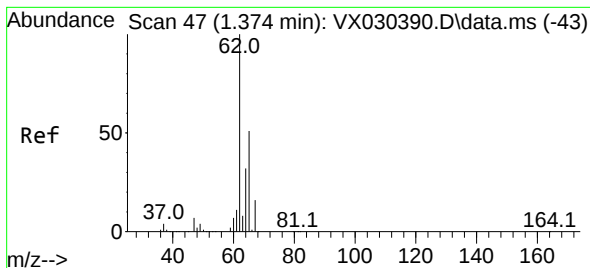
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 05 05:25:14 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.814 ug/L

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX030405.D

Acq: 04 Aug 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

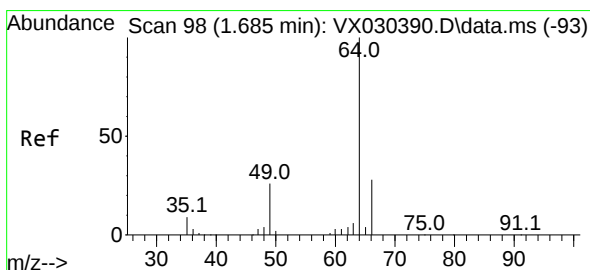
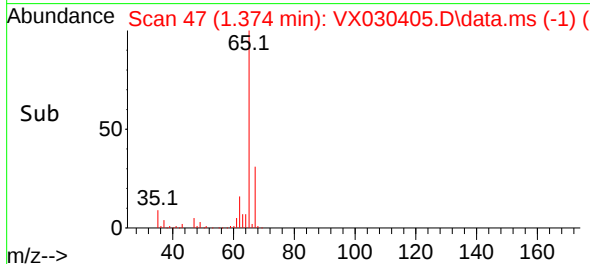
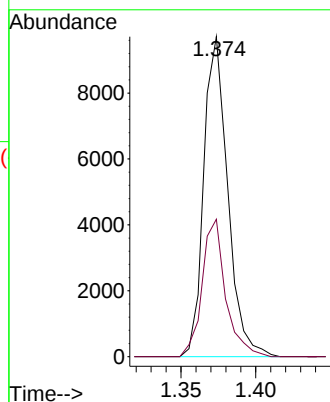
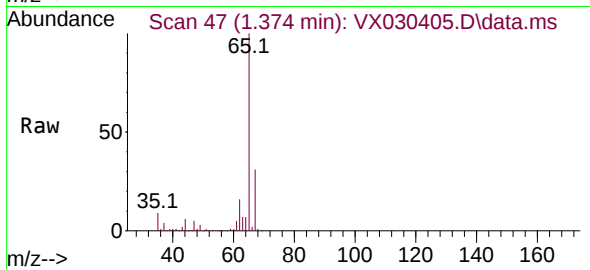
F5D86

Tgt Ion: 62 Resp: 10828

Ion Ratio Lower Upper

62 100

64 43.0 23.8 44.2



#8

Chloroethane

Concen: 4.297 ug/L

RT: 1.374 min Scan# 47

Delta R.T. -0.311 min

Lab File: VX030405.D

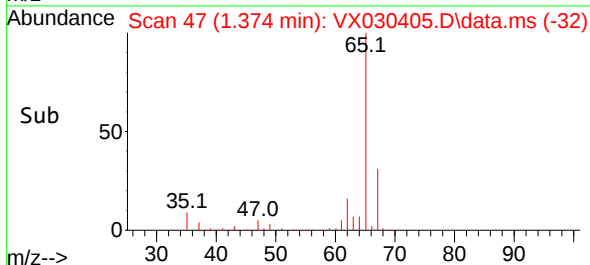
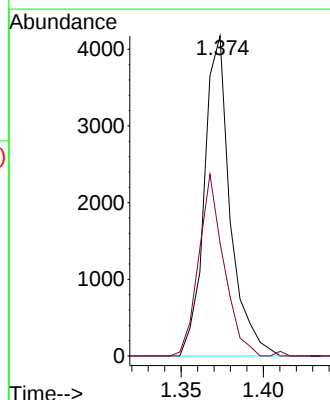
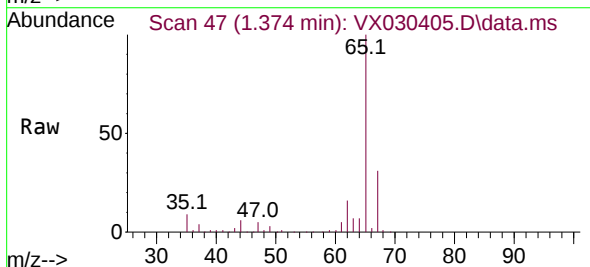
Acq: 04 Aug 2022 20:34

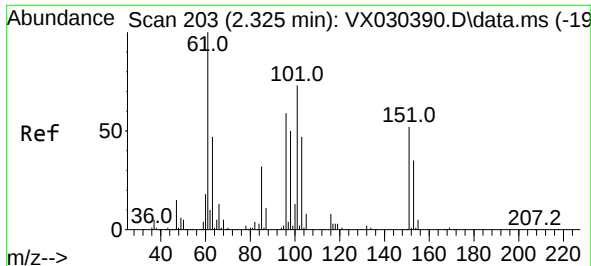
Tgt Ion: 64 Resp: 4559

Ion Ratio Lower Upper

64 100

66 35.3 22.1 41.1

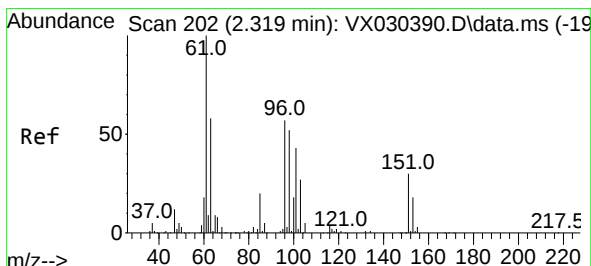
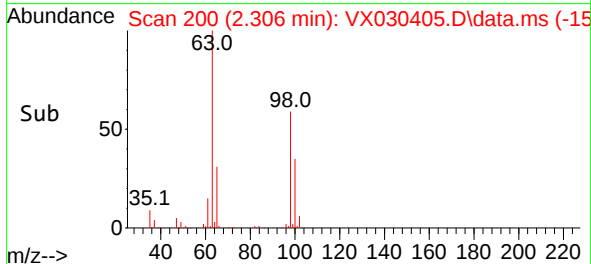
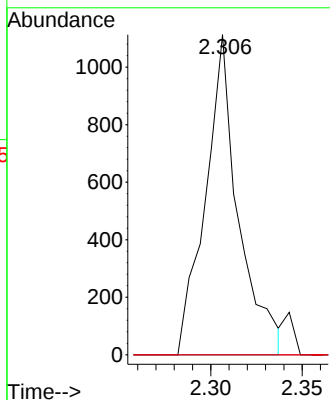
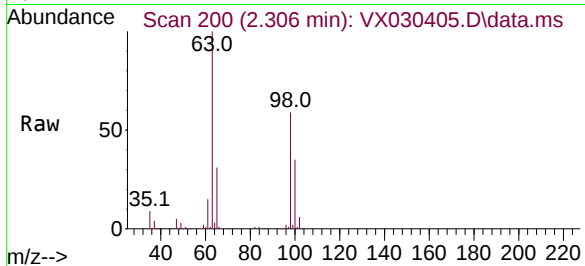




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.853 ug/L
 RT: 2.306 min Scan# 203
 Delta R.T. -0.018 min
 Lab File: VX030405.D
 Acq: 04 Aug 2022 20:34

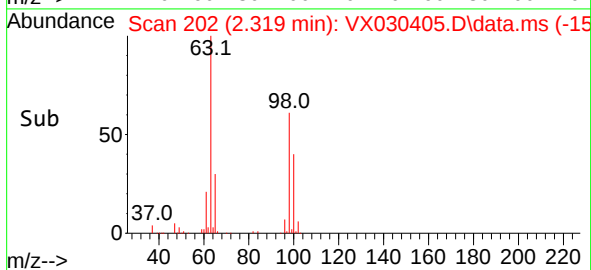
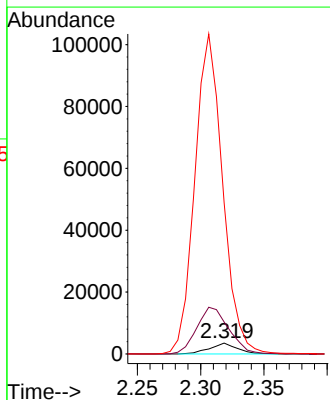
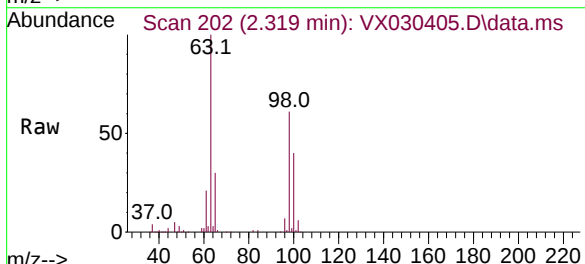
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D86

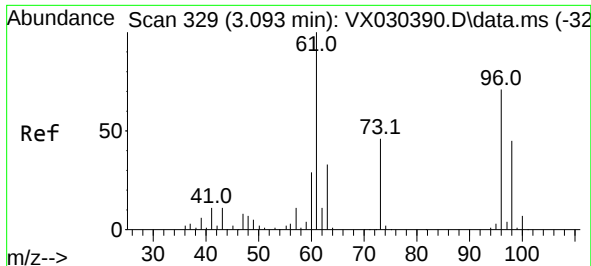
Tgt Ion: 101 Resp: 1397
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 3.529 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030405.D
 Acq: 04 Aug 2022 20:34

Tgt Ion: 96 Resp: 5323
 Ion Ratio Lower Upper
 96 100
 61 295.4 130.2 241.8#
 63 1394.0 113.5 210.9#





#17

trans-1,2-Dichloroethene

Concen: 166.553 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX030405.D

Acq: 04 Aug 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

F5D86

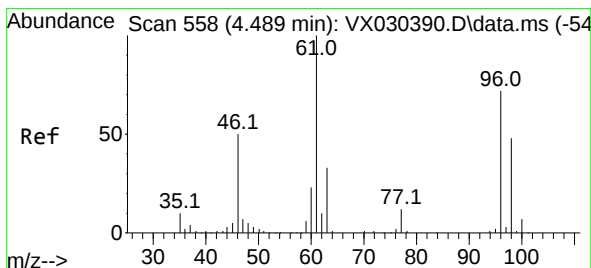
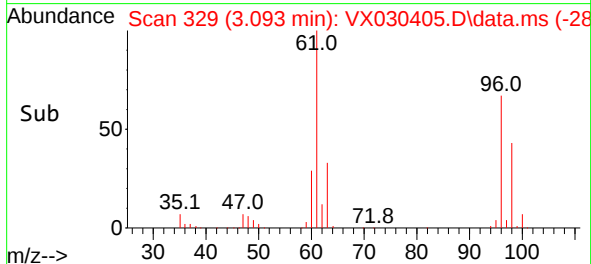
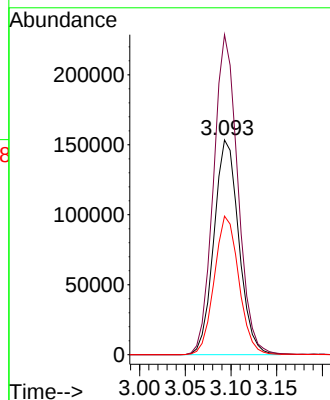
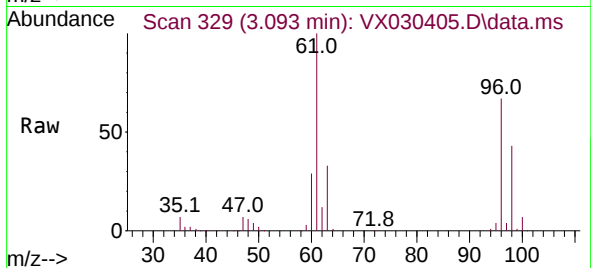
Tgt Ion: 96 Resp: 291041

Ion Ratio Lower Upper

96 100

61 149.0 103.7 192.5

98 64.5 41.5 77.1



#20

cis-1,2-Dichloroethene

Concen: 933.197 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030405.D

Acq: 04 Aug 2022 20:34

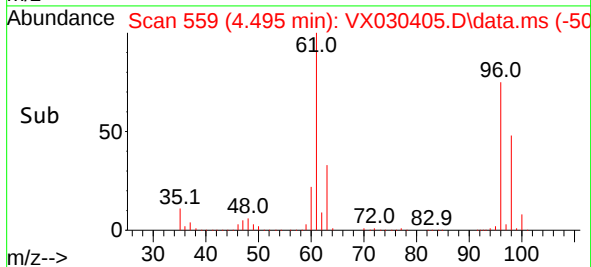
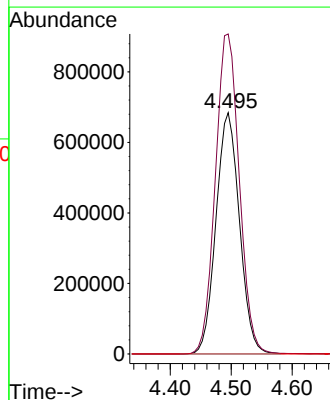
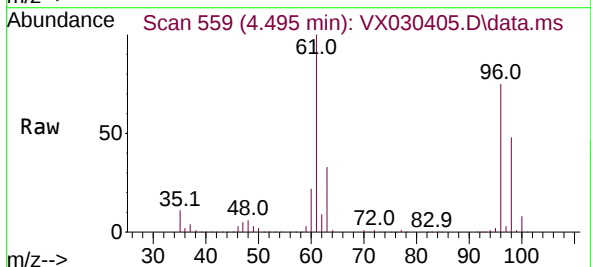
Tgt Ion: 96 Resp: 1834402

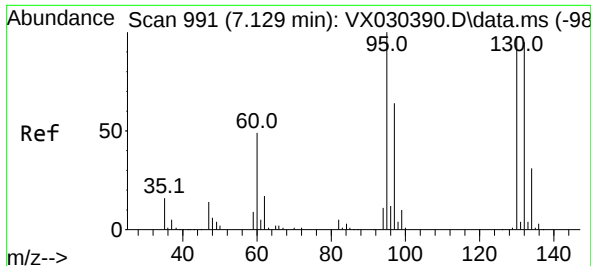
Ion Ratio Lower Upper

96 100

61 132.6 94.0 174.6

68 0.0 0.0 0.0

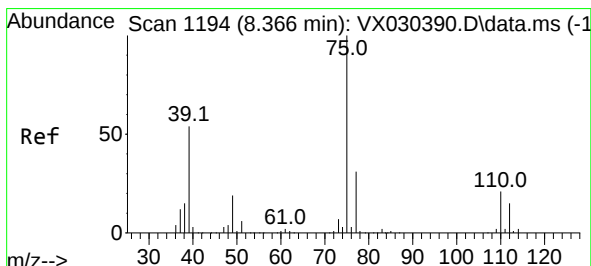
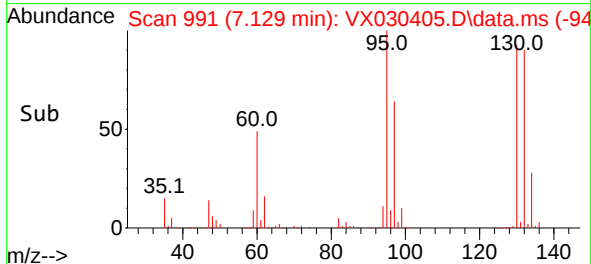
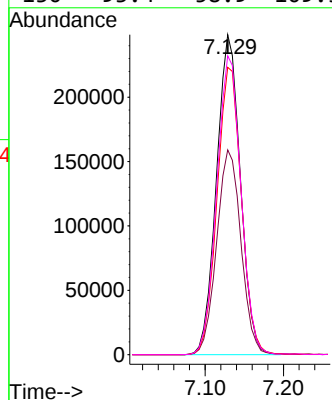
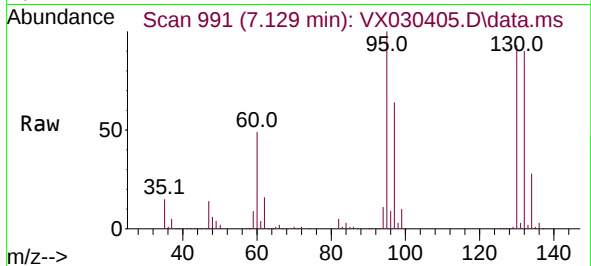




#34
Trichloroethene
Concen: 237.811 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030405.D
Acq: 04 Aug 2022 20:34

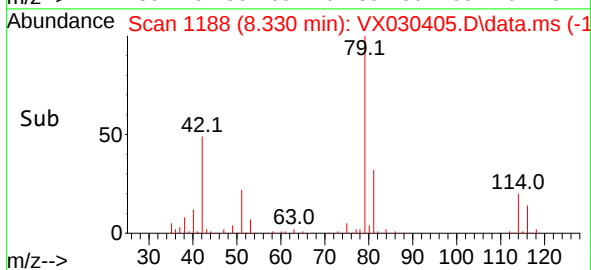
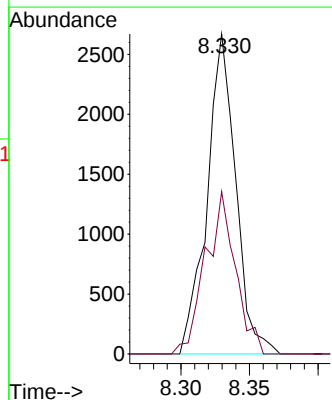
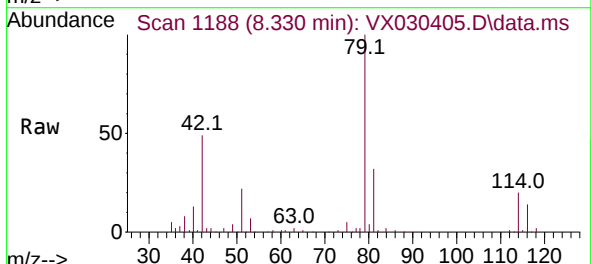
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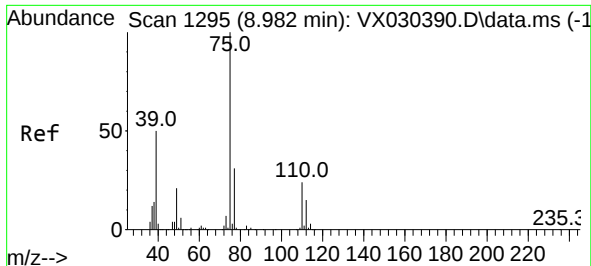
Tgt Ion: 95 Resp: 526942
Ion Ratio Lower Upper
95 100
97 64.0 40.2 74.6
132 89.8 55.3 102.7
130 93.4 58.9 109.5



#39
cis-1,3-Dichloropropene
Concen: 1.281 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX030405.D
Acq: 04 Aug 2022 20:34

Tgt Ion: 75 Resp: 3886
Ion Ratio Lower Upper
75 100
77 50.7 22.4 41.6#

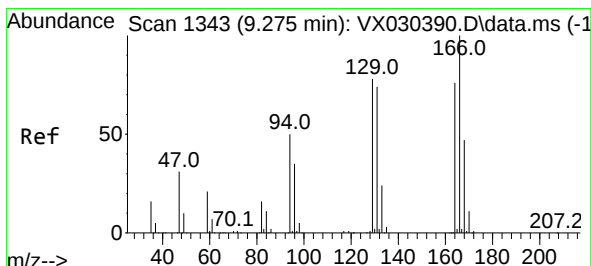
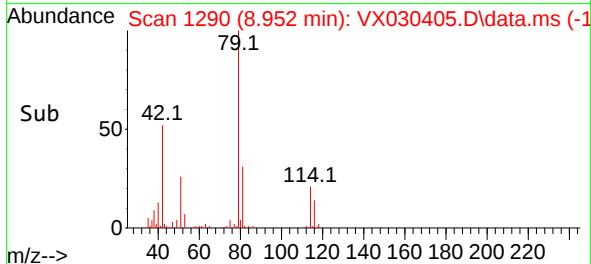
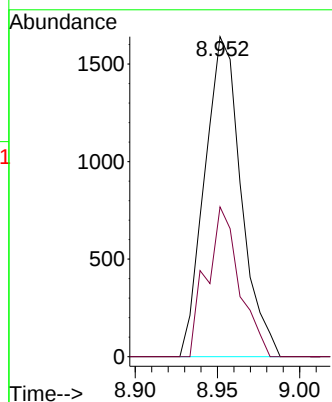
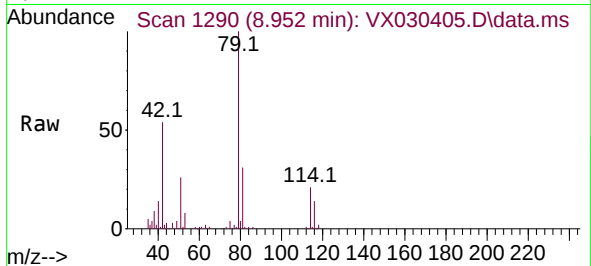




#44
trans-1,3-Dichloropropene
Concen: 0.853 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030405.D
Acq: 04 Aug 2022 20:34

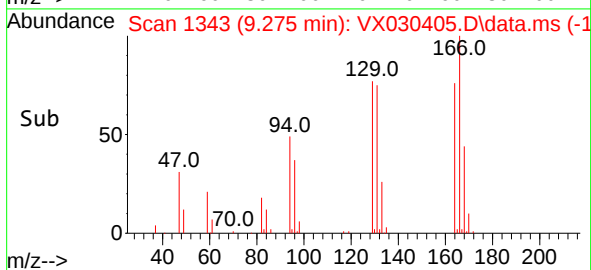
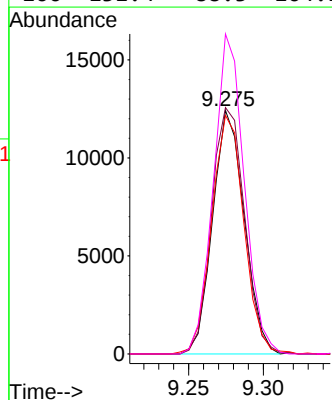
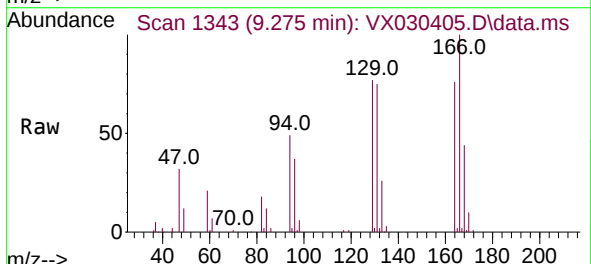
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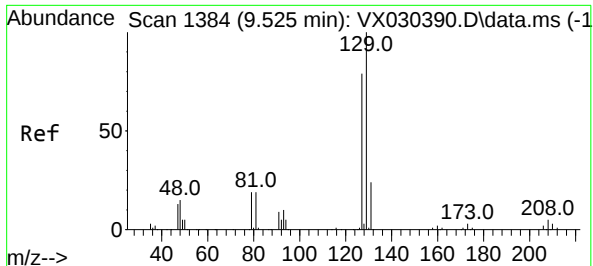
Tgt Ion: 75 Resp: 2533
Ion Ratio Lower Upper
75 100
77 46.8 22.5 41.7#



#46
Tetrachloroethene
Concen: 13.062 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030405.D
Acq: 04 Aug 2022 20:34

Tgt Ion: 164 Resp: 18292
Ion Ratio Lower Upper
164 100
129 101.2 72.7 135.1
131 98.0 69.9 129.9
166 131.4 88.3 164.1





#49

Dibromochloromethane

Concen: 9.554 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX030405.D

Acq: 04 Aug 2022 20:34

Instrument :

MSVOA_X

ClientSampleId :

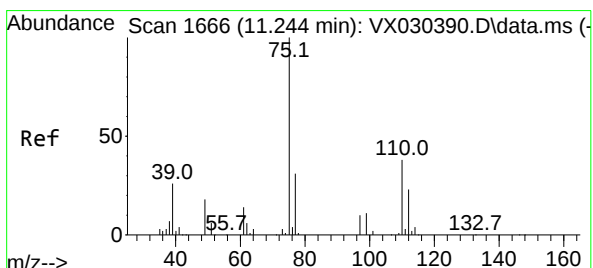
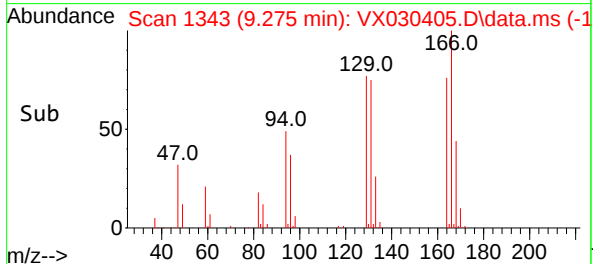
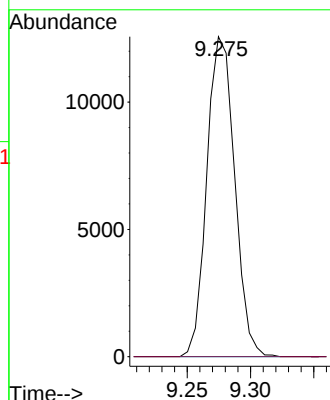
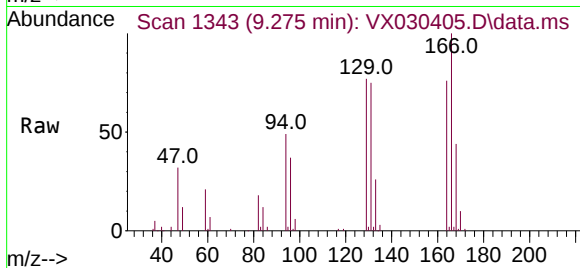
F5D86

Tgt Ion:129 Resp: 19225

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.2#



#61

1,2,3-Trichloropropane

Concen: 6.350 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX030405.D

Acq: 04 Aug 2022 20:34

Tgt Ion: 75 Resp: 14454

Ion Ratio Lower Upper

75 100

77 33.9 26.1 39.1

110 3.6 30.5 45.7#

