

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030413.D
 Acq On : 04 Aug 2022 23:41
 Operator : JC/MD
 Sample : N4021-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E20

Quant Time: Aug 05 05:31:07 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)

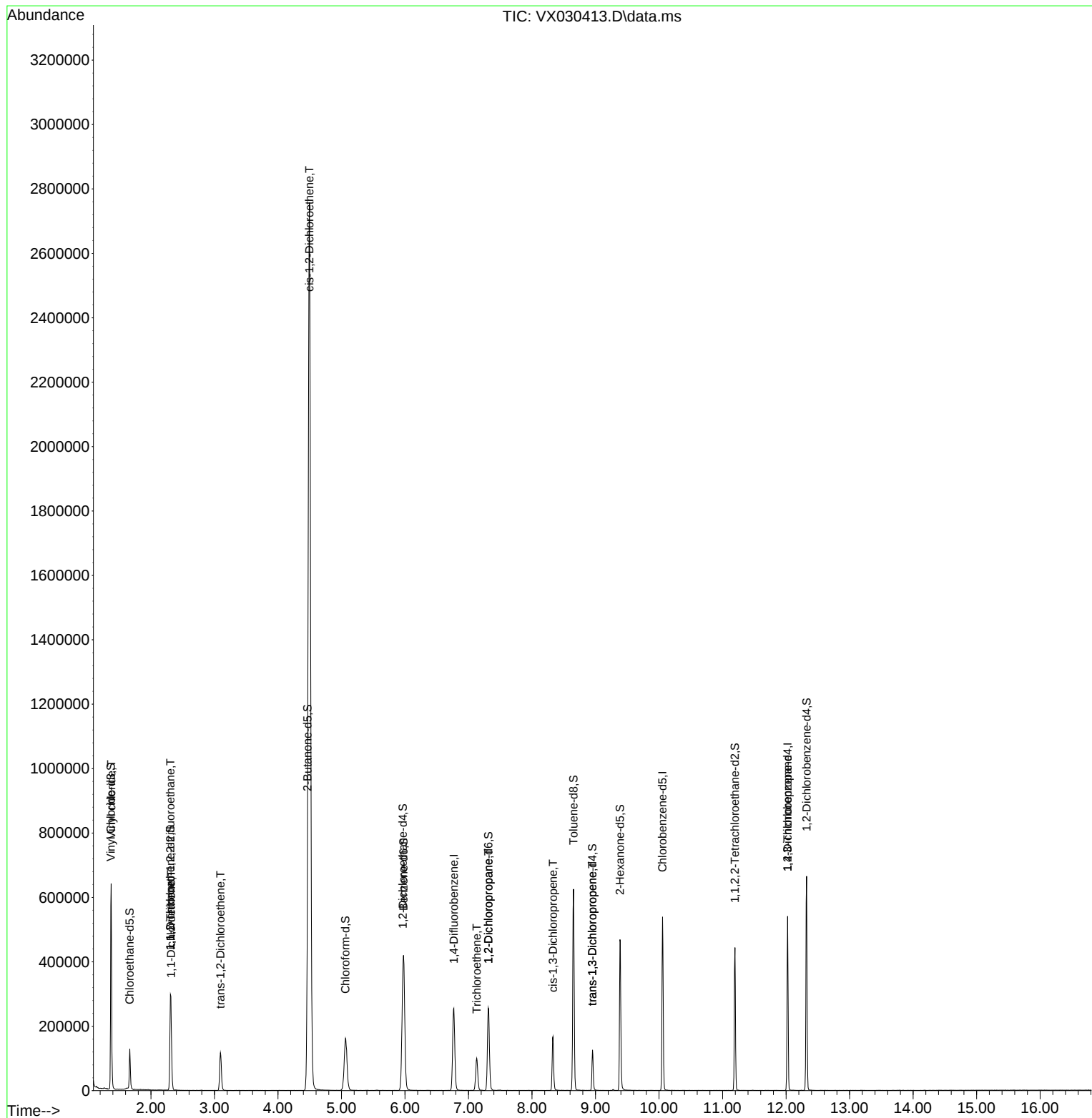
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	250416	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221387	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99197	61.685	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 123.360%			
7) Chloroethane-d5	1.666	69	76122	67.148	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 134.300%#			
11) 1,1-Dichloroethene-d2	2.306	63	157605	51.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.620%			
21) 2-Butanone-d5	4.465	46	199851	134.127	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 134.130%#			
24) Chloroform-d	5.062	84	199217	60.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.360%			
26) 1,2-Dichloroethane-d4	5.964	65	140746	62.616	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 125.240%#			
32) Benzene-d6	5.976	84	396097	62.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 124.920%			
36) 1,2-Dichloropropane-d6	7.312	67	131672	63.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 128.000%#			
41) Toluene-d8	8.653	98	363416	60.796	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.600%#			
43) trans-1,3-Dichloroprop...	8.952	79	56372	55.075	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.140%			
47) 2-Hexanone-d5	9.384	63	130130	124.083	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 124.080%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	169725	62.795	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 125.580%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	125673	65.658	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.320%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	333625	192.772	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1390	0.914	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	24206	17.270	ug/L #	14
17) trans-1,2-Dichloroethene	3.093	96	46028	28.346	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	1594864	873.125	ug/L	100
34) Trichloroethene	7.129	95	37039	18.017	ug/L	94
37) 1,2-Dichloropropane	7.312	63	14917	7.904	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	3788	1.345	ug/L #	58
44) trans-1,3-Dichloropropene	8.952	75	2575	0.934	ug/L #	82
61) 1,2,3-Trichloropropane	12.024	75	13036	6.151	ug/L #	69

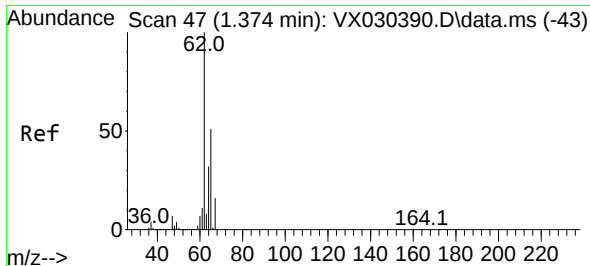
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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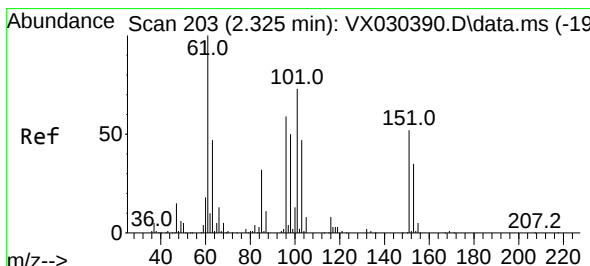
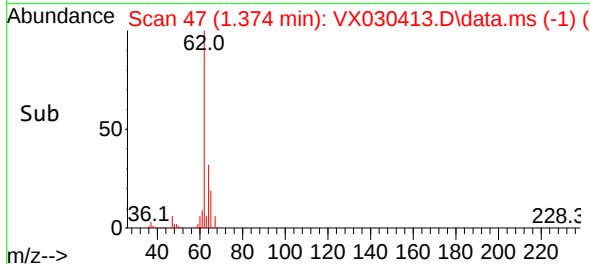
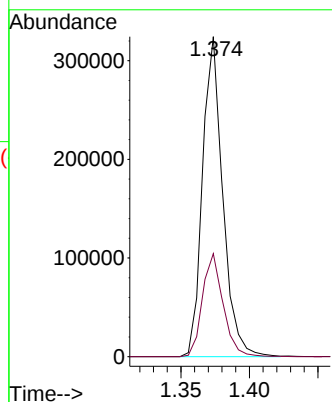
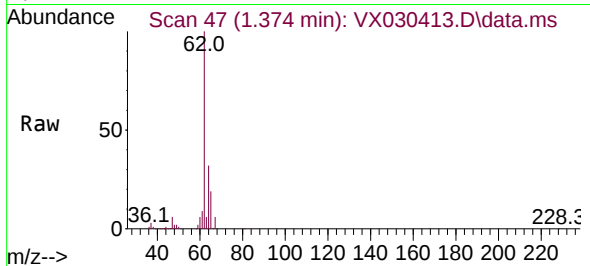




#5
 Vinyl chloride
 Concen: 192.772 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030413.D
 Acq: 04 Aug 2022 23:41

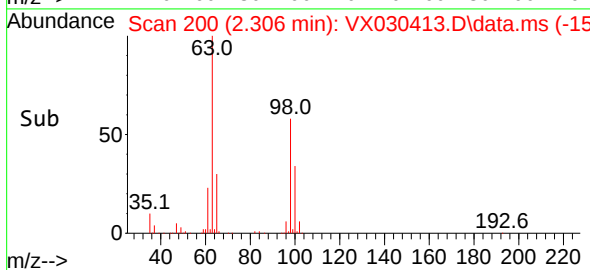
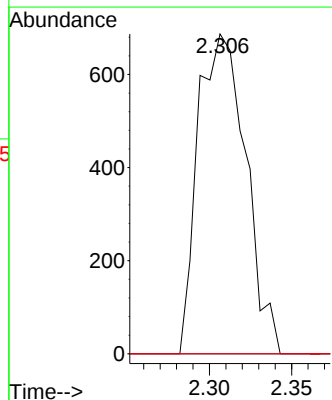
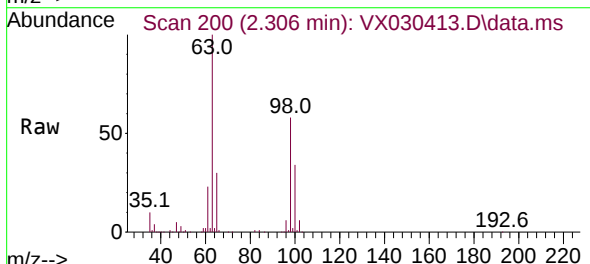
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E20

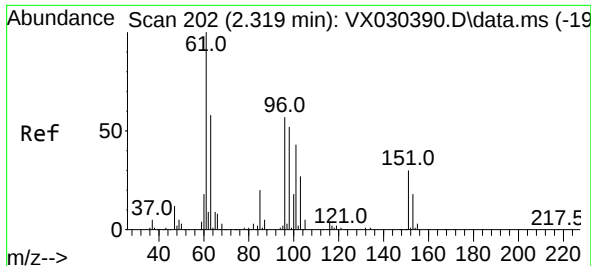
Tgt Ion: 62 Resp: 333625
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.914 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.018 min
 Lab File: VX030413.D
 Acq: 04 Aug 2022 23:41

Tgt Ion: 101 Resp: 1390
 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: 17.270 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX030413.D

Acq: 04 Aug 2022 23:41

Instrument :

MSVOA_X

ClientSampleId :

F5E20

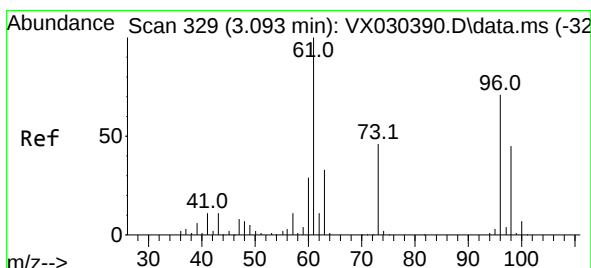
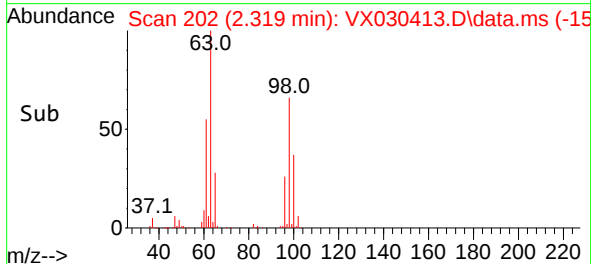
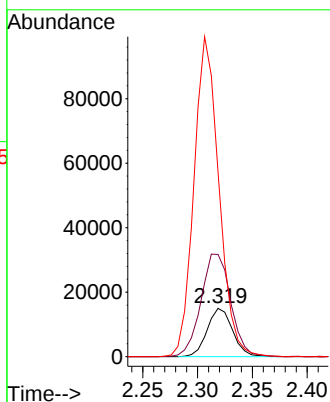
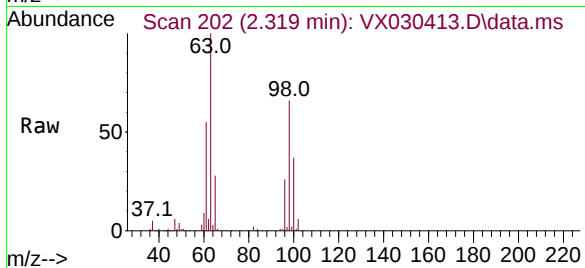
Tgt Ion: 96 Resp: 24206

Ion Ratio Lower Upper

96 100

61 211.5 130.2 241.8

63 381.9 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 28.346 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX030413.D

Acq: 04 Aug 2022 23:41

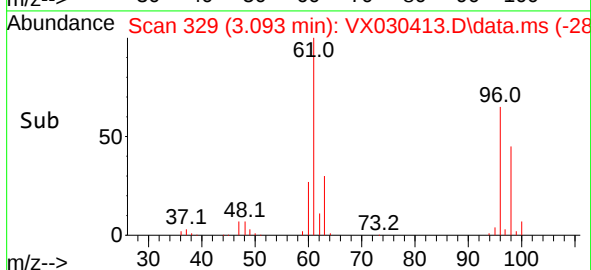
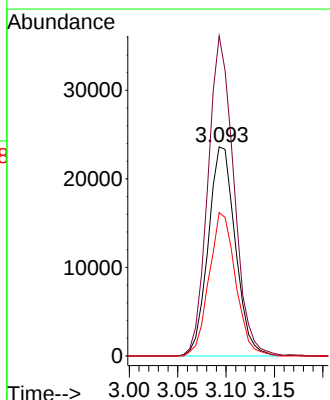
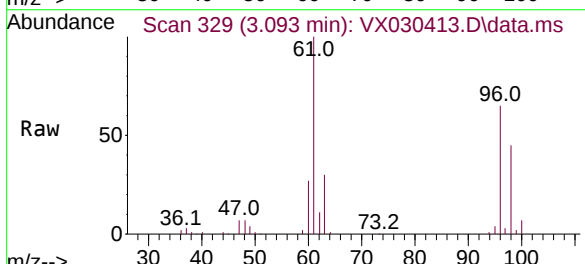
Tgt Ion: 96 Resp: 46028

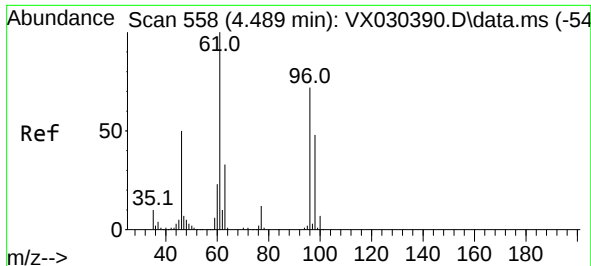
Ion Ratio Lower Upper

96 100

61 153.0 103.7 192.5

98 68.6 41.5 77.1

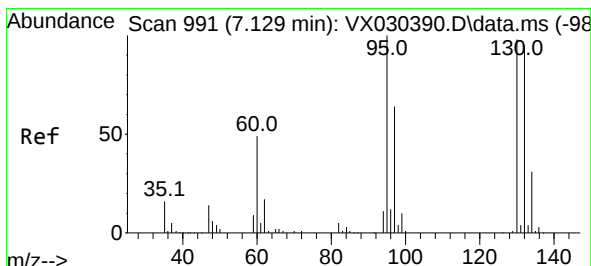
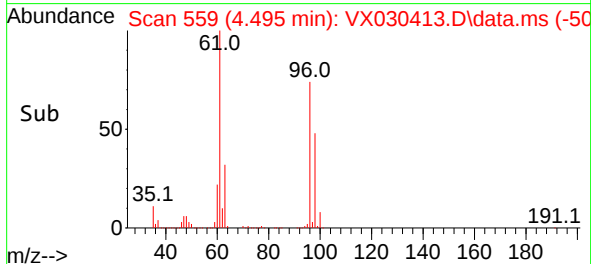
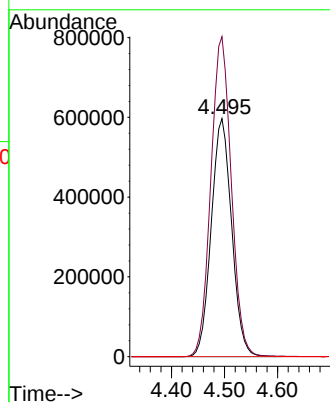
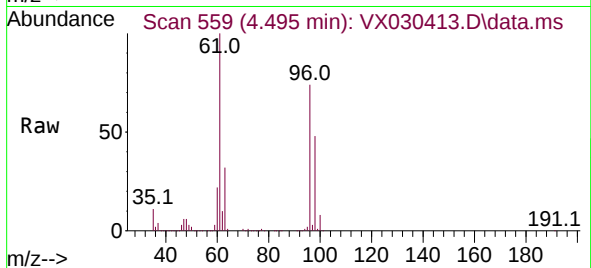




#20
cis-1,2-Dichloroethene
Concen: 873.125 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030413.D
Acq: 04 Aug 2022 23:41

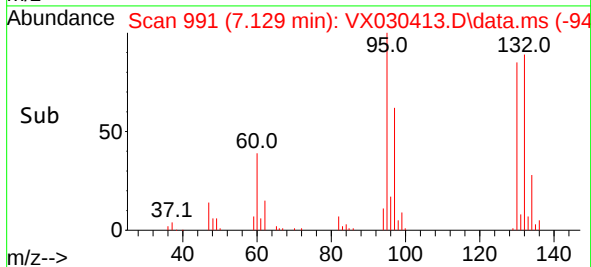
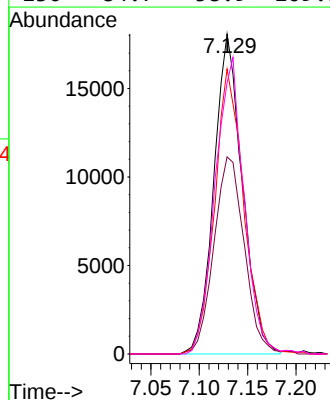
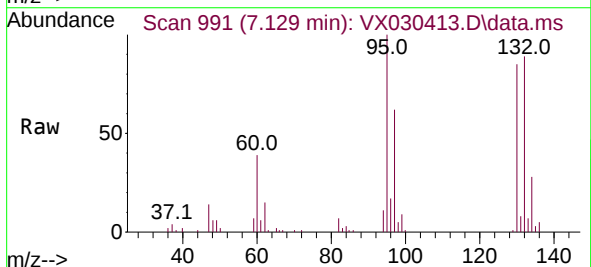
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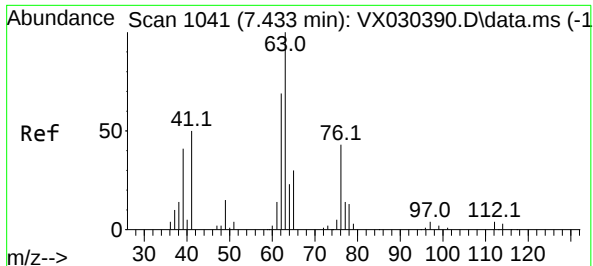
Tgt Ion: 96 Resp: 1594864
Ion Ratio Lower Upper
96 100
61 134.4 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 18.017 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030413.D
Acq: 04 Aug 2022 23:41

Tgt Ion: 95 Resp: 37039
Ion Ratio Lower Upper
95 100
97 61.6 40.2 74.6
132 89.1 55.3 102.7
130 84.7 58.9 109.5





#37

1,2-Dichloropropane

Concen: 7.904 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX030413.D

Acq: 04 Aug 2022 23:41

Instrument :

MSVOA_X

ClientSampleId :

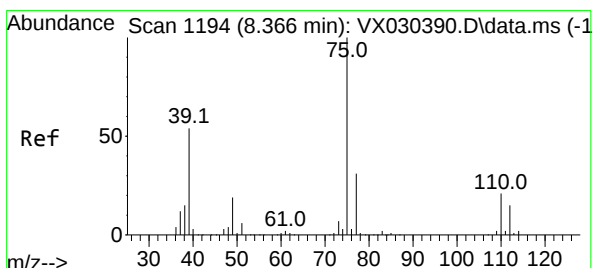
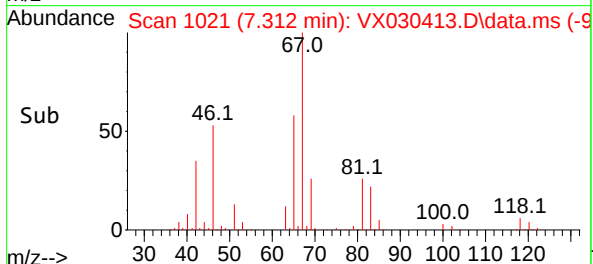
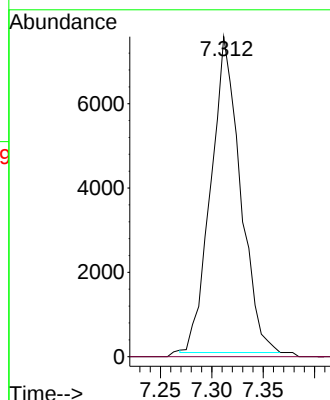
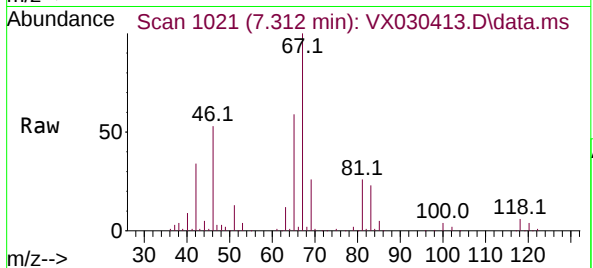
F5E20

Tgt Ion: 63 Resp: 14917

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 1.345 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030413.D

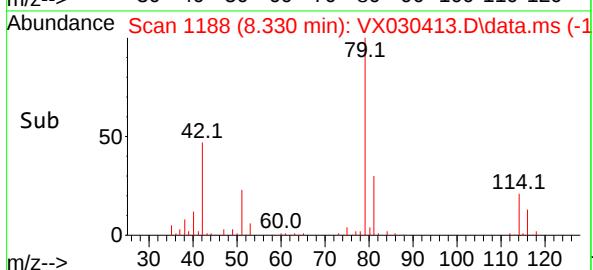
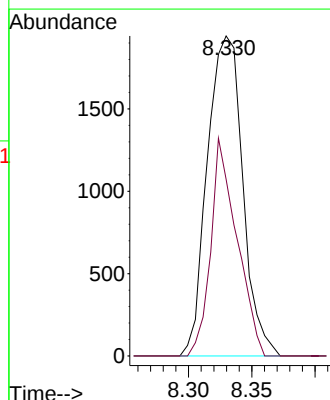
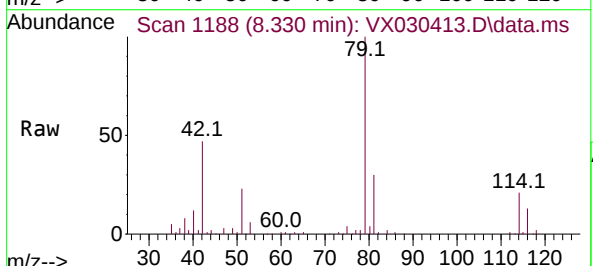
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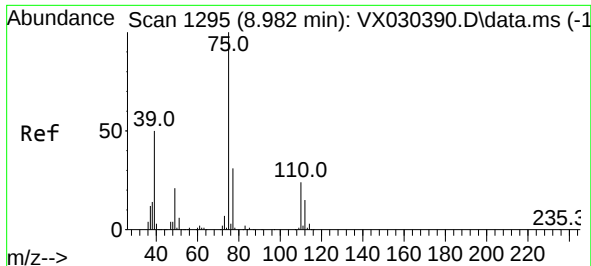
Tgt Ion: 75 Resp: 3788

Ion Ratio Lower Upper

75 100

77 55.2 22.4 41.6#

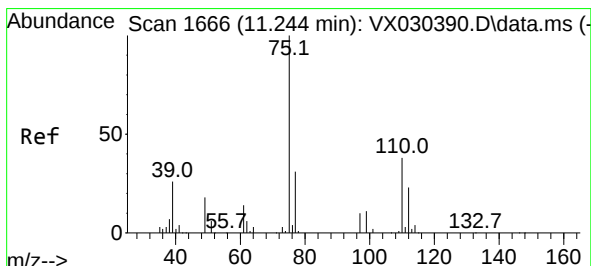
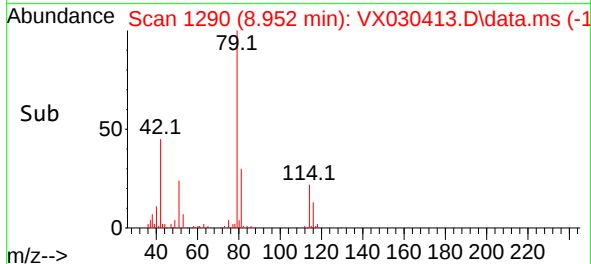
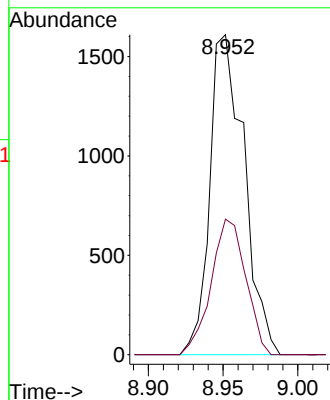
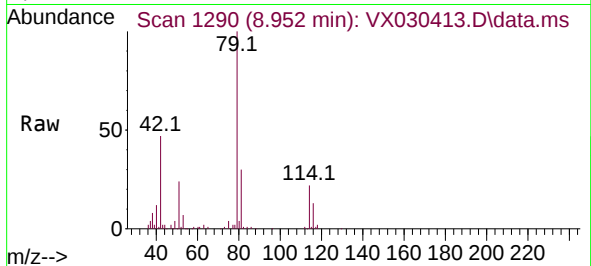




#44
trans-1,3-Dichloropropene
Concen: 0.934 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030413.D
Acq: 04 Aug 2022 23:41

Instrument :
MSVOA_X
ClientSampleId :
F5E20

Tgt Ion: 75 Resp: 2575
Ion Ratio Lower Upper
75 100
77 42.4 22.5 41.7#



#61
1,2,3-Trichloropropane
Concen: 6.151 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX030413.D
Acq: 04 Aug 2022 23:41

Tgt Ion: 75 Resp: 13036
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 3.2 30.5 45.7#

