

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030409.D
 Acq On : 04 Aug 2022 22:07
 Operator : JC/MD
 Sample : N4003-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D92

Quant Time: Aug 05 05:30:12 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)

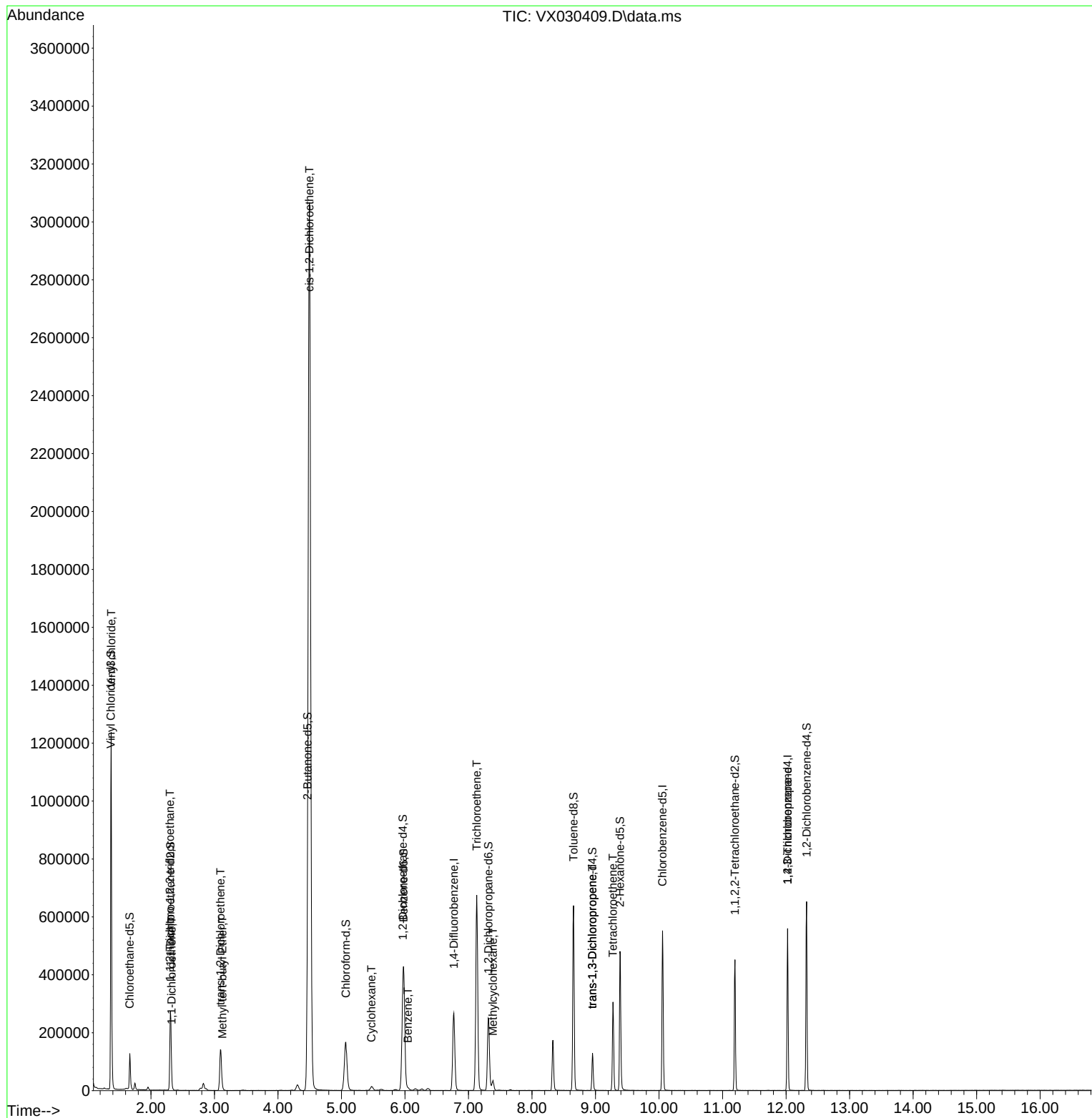
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	262326	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233630	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104745	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	105004	62.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.660%			
7) Chloroethane-d5	1.666	69	76992	64.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 129.660%			
11) 1,1-Dichloroethene-d2	2.306	63	157924	49.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.120%			
21) 2-Butanone-d5	4.464	46	200002	128.134	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 128.130%			
24) Chloroform-d	5.068	84	200542	57.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.660%			
26) 1,2-Dichloroethane-d4	5.964	65	142007	60.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.620%			
32) Benzene-d6	5.976	84	410011	61.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.540%			
36) 1,2-Dichloropropane-d6	7.311	67	129375	59.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.180%			
41) Toluene-d8	8.653	98	367476	58.254	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.500%			
43) trans-1,3-Dichloroprop...	8.951	79	57376	53.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.240%			
47) 2-Hexanone-d5	9.384	63	133995	121.073	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.070%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	171398	60.090	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 120.180%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	120630	59.376	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.760%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	691718	381.535	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.300	101	1511	0.948	ug/L #	20
12) 1,1-Dichloroethene	2.325	96	3106	2.115	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	50130	29.471	ug/L	97
18) Methyl tert-butyl Ether	3.123	73	6110	1.056	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	1797461	939.362	ug/L	99
29) Cyclohexane	5.470	56	8844	2.847	ug/L #	65
33) Benzene	6.043	78	7951	1.061	ug/L	100
34) Trichloroethene	7.129	95	255040	117.557	ug/L	85
35) Methylcyclohexane	7.385	83	12994	4.114	ug/L	93
44) trans-1,3-Dichloropropene	8.951	75	2865	0.985	ug/L	92
46) Tetrachloroethene	9.275	164	50650	36.941	ug/L	99
61) 1,2,3-Trichloropropane	12.024	75	13474	5.990	ug/L #	66

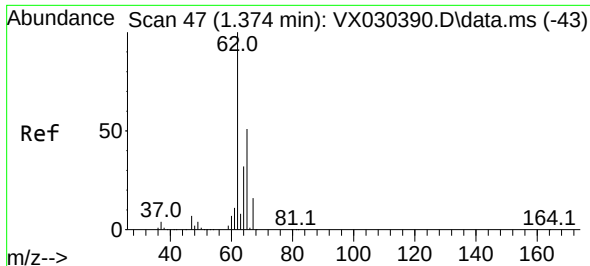
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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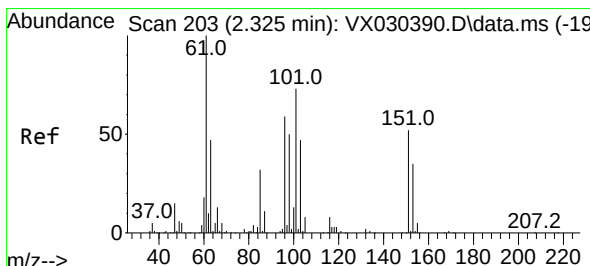
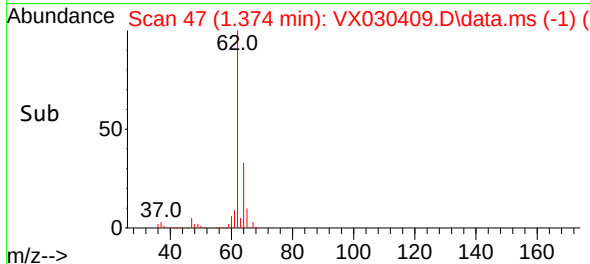
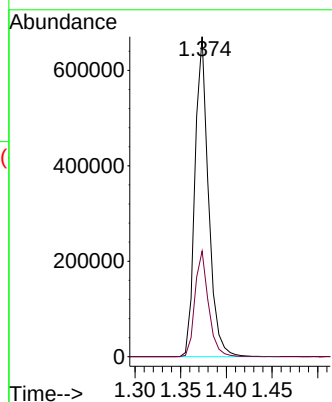
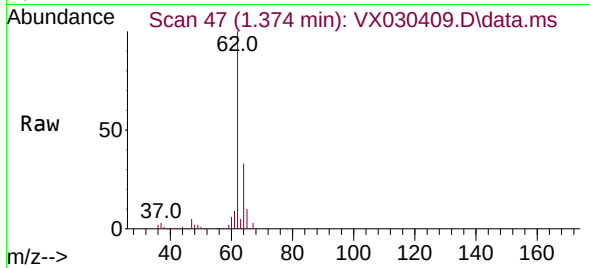




#5
 Vinyl chloride
 Concen: 381.535 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030409.D
 Acq: 04 Aug 2022 22:07

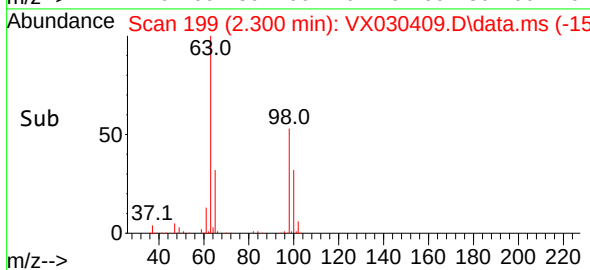
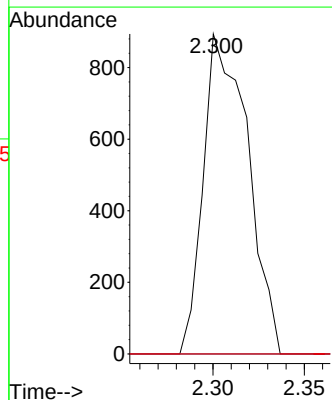
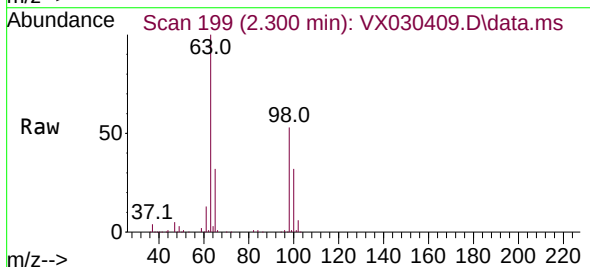
Instrument :
 MSVOA_X
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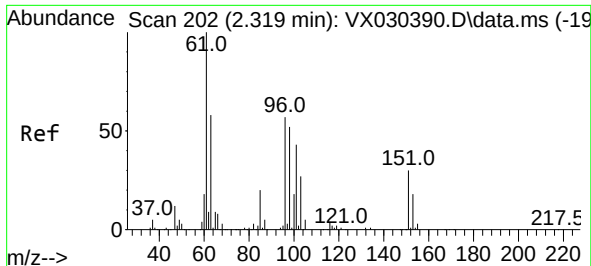
Tgt Ion: 62 Resp: 691718
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.948 ug/L
 RT: 2.300 min Scan# 199
 Delta R.T. -0.024 min
 Lab File: VX030409.D
 Acq: 04 Aug 2022 22:07

Tgt Ion: 101 Resp: 1511
 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: 2.115 ug/L

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX030409.D

Acq: 04 Aug 2022 22:07

Instrument :

MSVOA_X

ClientSampleId :

F5D92

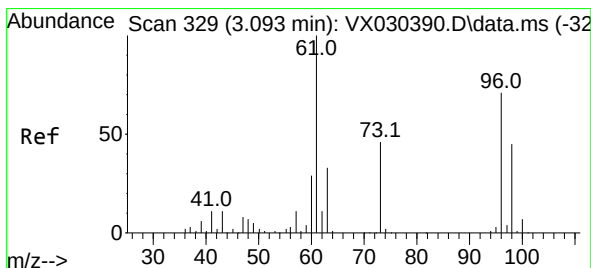
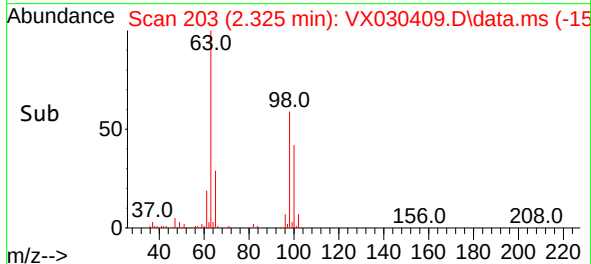
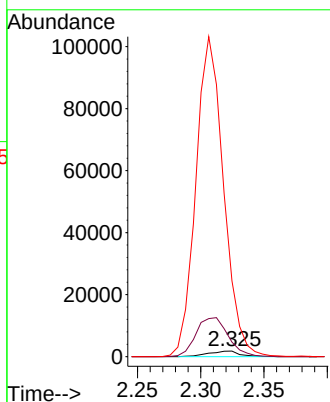
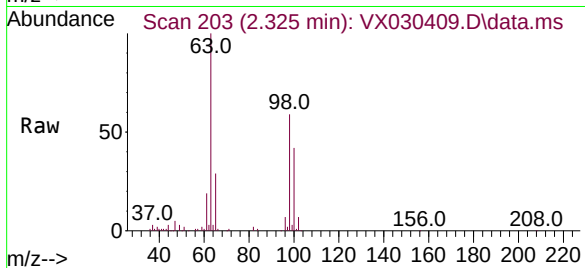
Tgt Ion: 96 Resp: 3106

Ion Ratio Lower Upper

96 100

61 263.8 130.2 241.8#

63 1367.9 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 29.471 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX030409.D

Acq: 04 Aug 2022 22:07

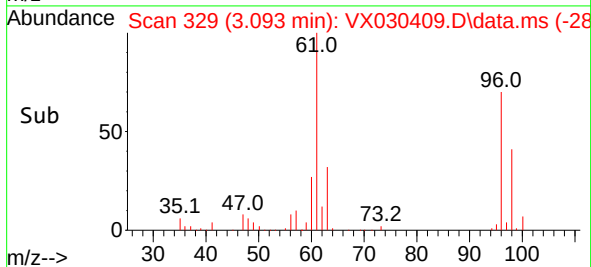
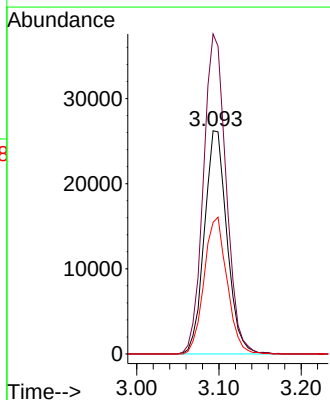
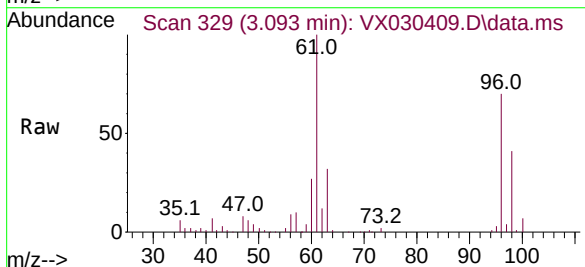
Tgt Ion: 96 Resp: 50130

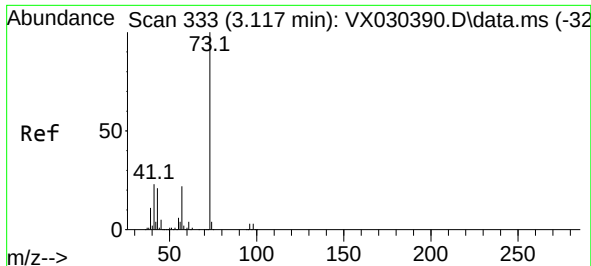
Ion Ratio Lower Upper

96 100

61 143.4 103.7 192.5

98 58.9 41.5 77.1

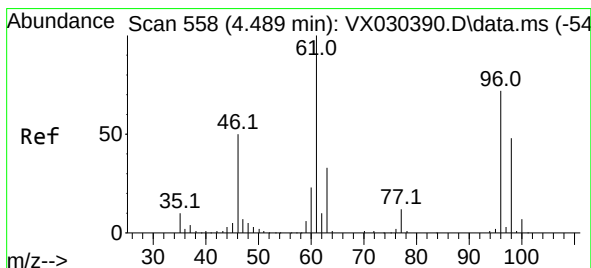
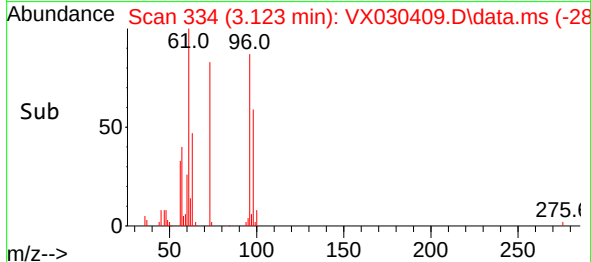
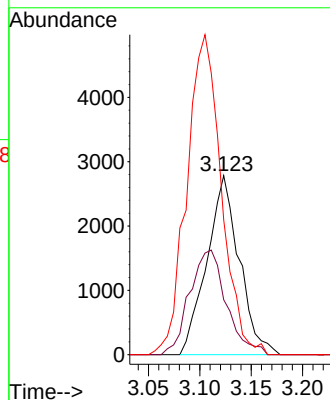
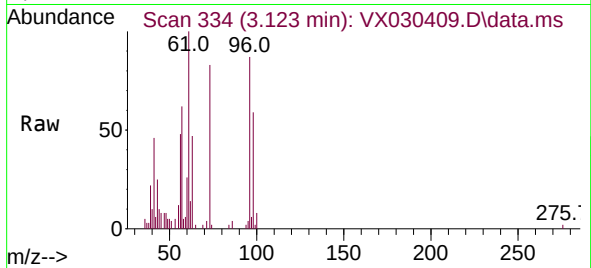




#18
Methyl tert-butyl Ether
Concen: 1.056 ug/L
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030409.D
Acq: 04 Aug 2022 22:07

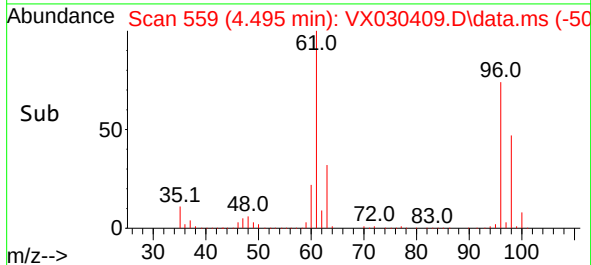
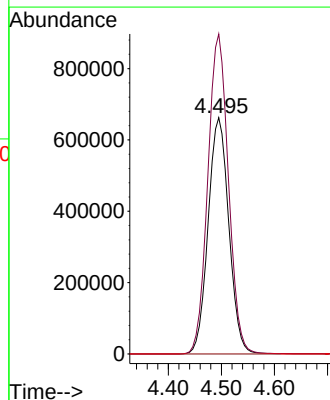
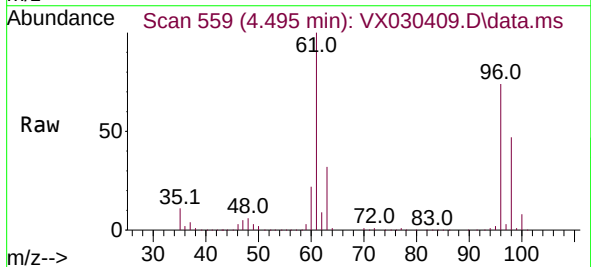
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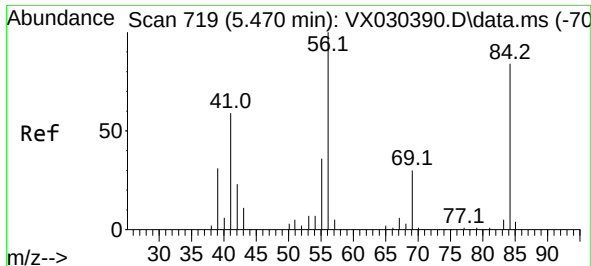
Tgt Ion: 73 Resp: 6110
Ion Ratio Lower Upper
73 100
43 66.0 17.6 26.4#
57 189.2 17.5 26.3#



#20
cis-1,2-Dichloroethene
Concen: 939.362 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030409.D
Acq: 04 Aug 2022 22:07

Tgt Ion: 96 Resp: 1797461
Ion Ratio Lower Upper
96 100
61 135.4 94.0 174.6
68 0.0 0.0 0.0

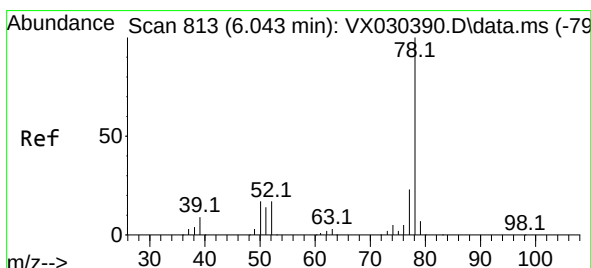
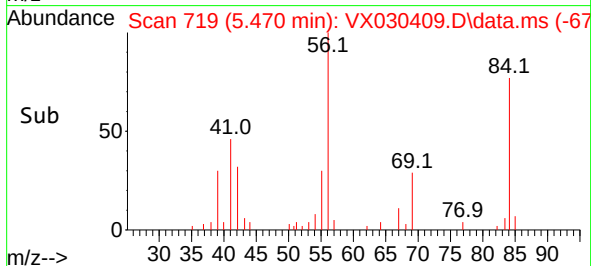
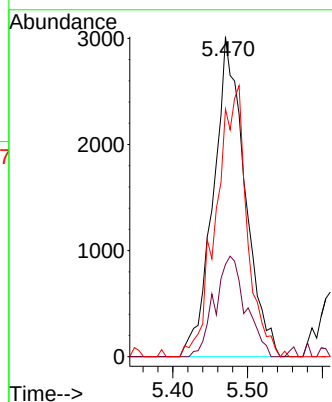
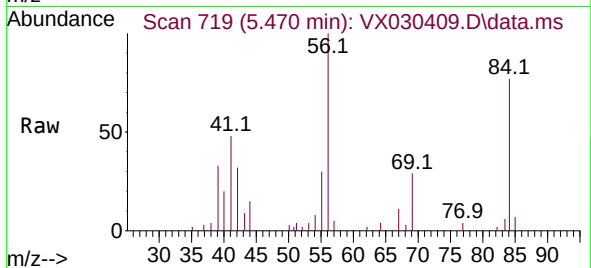




#29
Cyclohexane
Concen: 2.847 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX030409.D
Acq: 04 Aug 2022 22:07

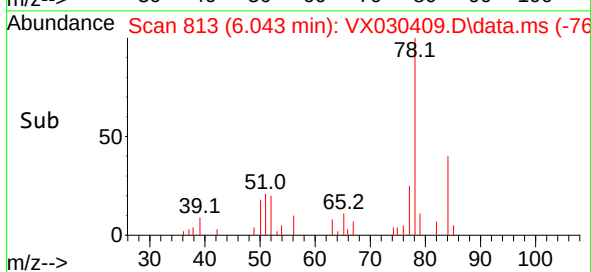
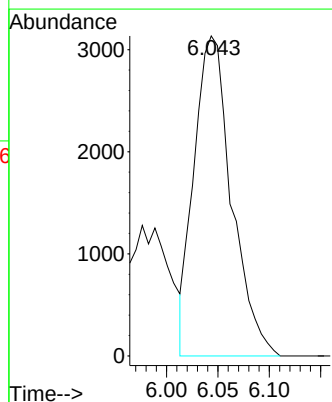
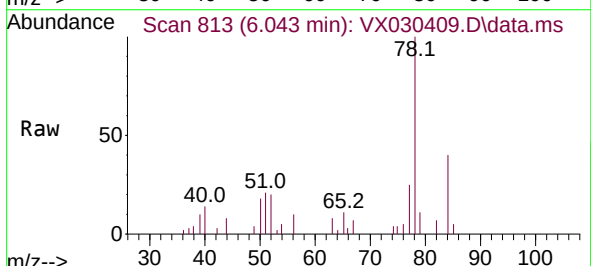
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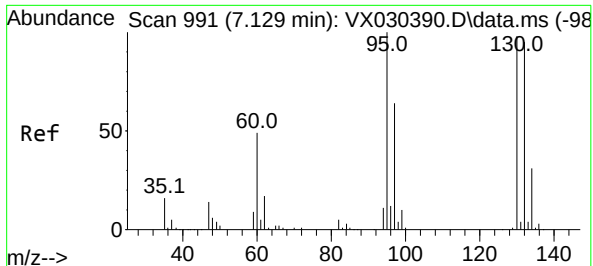
Tgt Ion: 56 Resp: 8844
Ion Ratio Lower Upper
56 100
69 25.3 24.3 36.5
84 43.1 66.7 100.1#



#33
Benzene
Concen: 1.061 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030409.D
Acq: 04 Aug 2022 22:07

Tgt Ion: 78 Resp: 7951

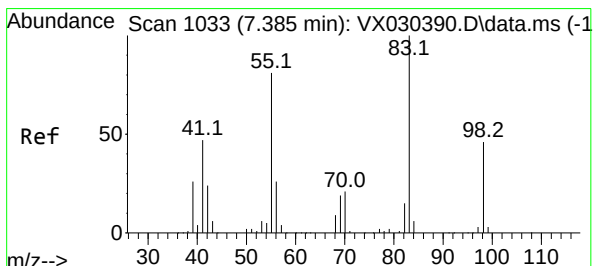
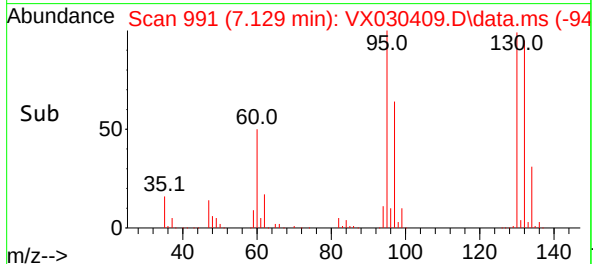
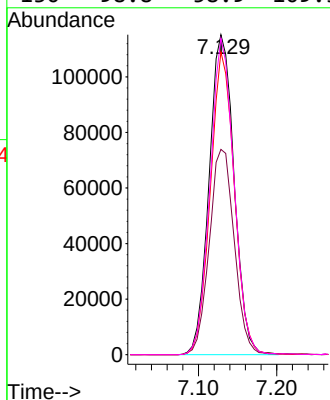
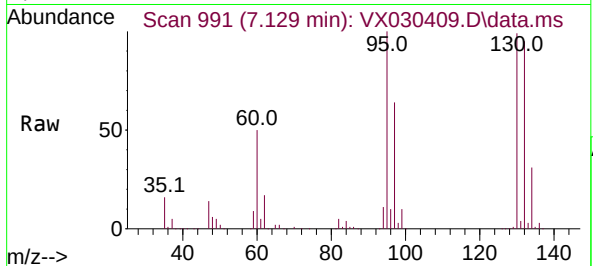




#34
Trichloroethene
Concen: 117.557 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030409.D
Acq: 04 Aug 2022 22:07

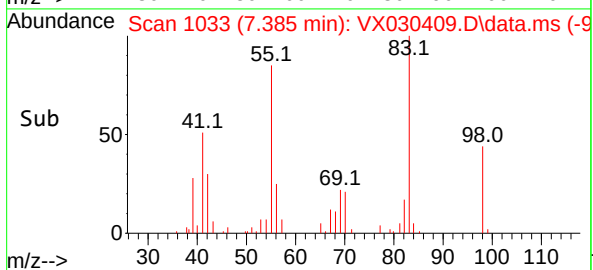
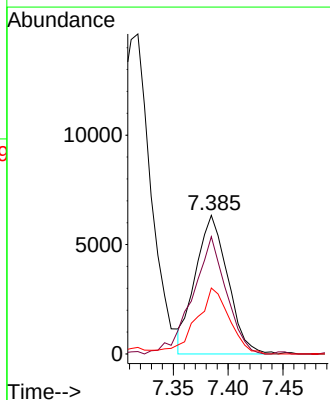
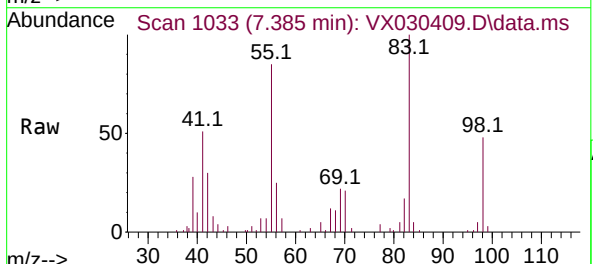
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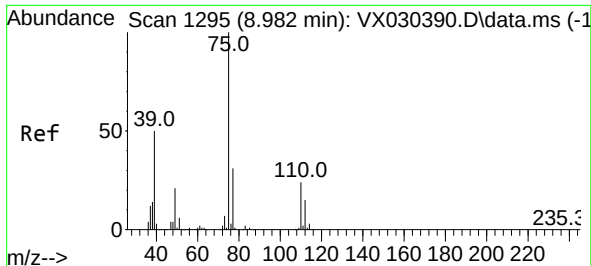
Tgt Ion: 95 Resp: 255040
Ion Ratio Lower Upper
95 100
97 64.1 40.2 74.6
132 94.7 55.3 102.7
130 98.8 58.9 109.5



#35
Methylcyclohexane
Concen: 4.114 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030409.D
Acq: 04 Aug 2022 22:07

Tgt Ion: 83 Resp: 12994
Ion Ratio Lower Upper
83 100
55 87.5 64.0 96.0
98 49.3 36.7 55.1

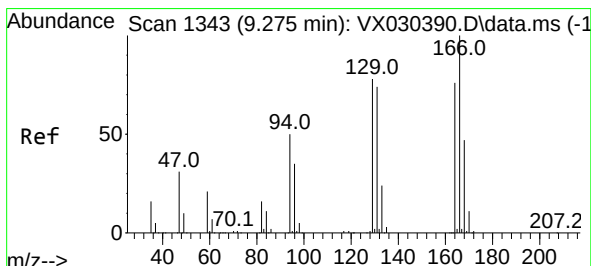
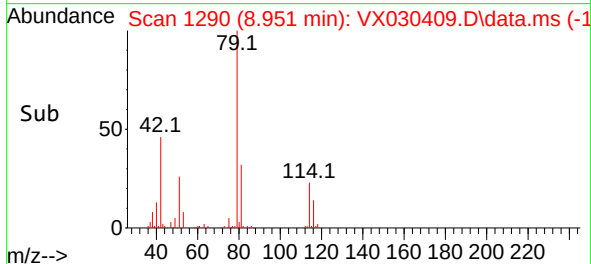
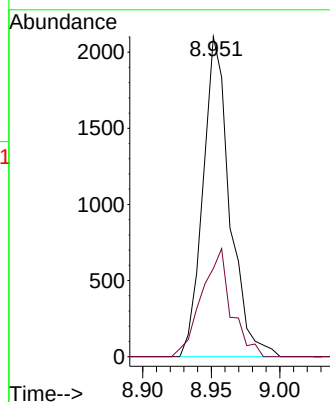
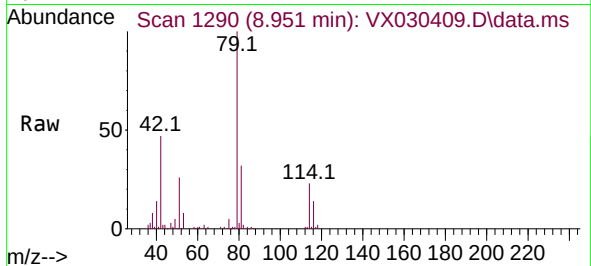




#44
trans-1,3-Dichloropropene
Concen: 0.985 ug/L
RT: 8.951 min Scan# 1290
Delta R.T. -0.031 min
Lab File: VX030409.D
Acq: 04 Aug 2022 22:07

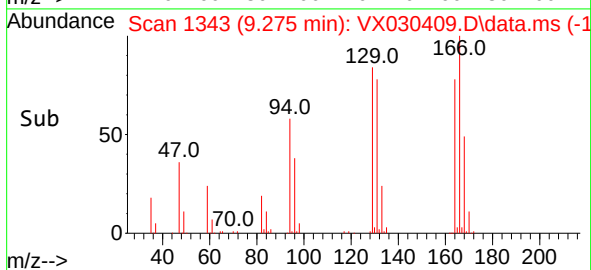
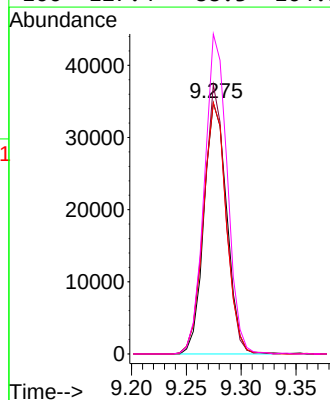
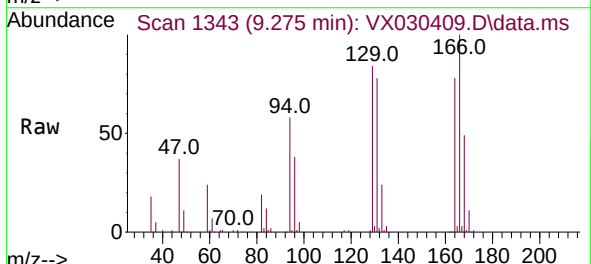
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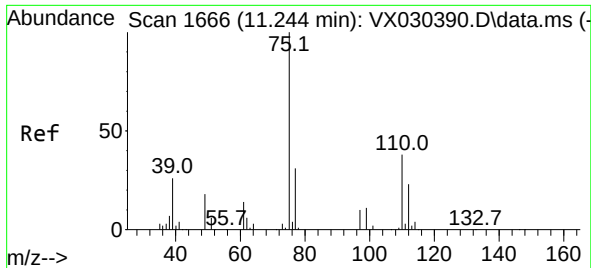
Tgt Ion: 75 Resp: 2865
Ion Ratio Lower Upper
75 100
77 27.5 22.5 41.7



#46
Tetrachloroethene
Concen: 36.941 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030409.D
Acq: 04 Aug 2022 22:07

Tgt Ion: 164 Resp: 50650
Ion Ratio Lower Upper
164 100
129 107.3 72.7 135.1
131 100.0 69.9 129.9
166 127.4 88.3 164.1





#61
 1,2,3-Trichloropropane
 Concen: 5.990 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX030409.D
 Acq: 04 Aug 2022 22:07

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D92

Tgt Ion: 75 Resp: 13474
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.1 39.1
 110 2.8 30.5 45.7#

