

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030404.D
 Acq On : 04 Aug 2022 20:11
 Operator : JC/MD
 Sample : N4003-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D65

Quant Time: Aug 05 05:29:03 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)

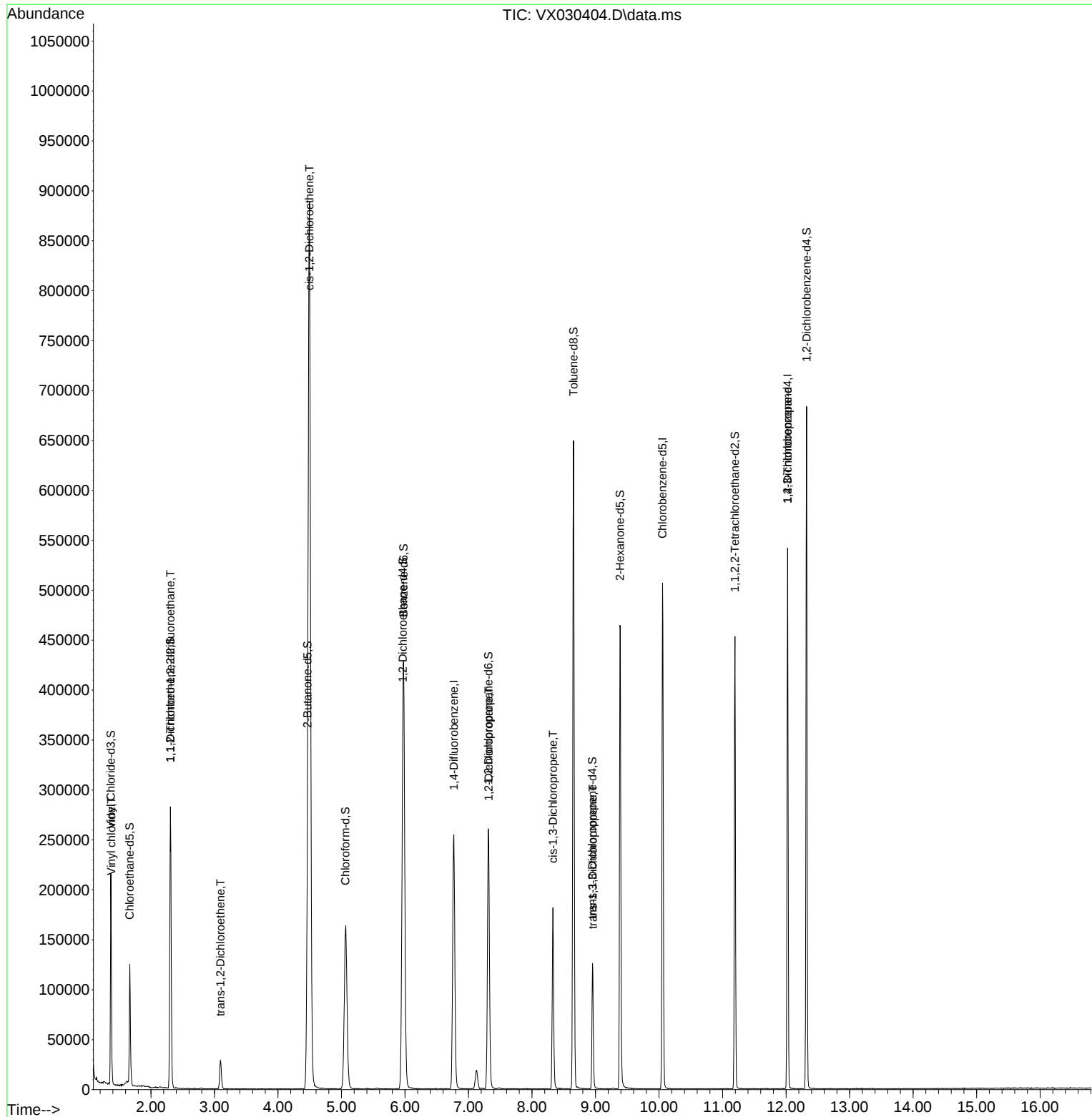
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	252248	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	223926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	98512	60.814	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 121.620%		
7) Chloroethane-d5	1.666	69	74704	65.418	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 130.840%#		
11) 1,1-Dichloroethene-d2	2.306	63	159138	51.935	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 103.860%		
21) 2-Butanone-d5	4.464	46	196952	131.221	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 131.220%#		
24) Chloroform-d	5.062	84	200647	60.171	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 120.340%		
26) 1,2-Dichloroethane-d4	5.964	65	140242	61.939	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 123.880%		
32) Benzene-d6	5.976	84	402839	62.803	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 125.600%#		
36) 1,2-Dichloropropane-d6	7.312	67	129104	62.037	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 124.080%#		
41) Toluene-d8	8.653	98	367887	60.846	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 121.700%#		
43) trans-1,3-Dichloroprop...	8.951	79	56602	54.672	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 109.340%		
47) 2-Hexanone-d5	9.384	63	132214	124.640	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 124.640%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	171375	62.686	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 125.380%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	126334	64.631	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 129.260%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	36429	20.896	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1468	0.958	ug/L #	20
17) trans-1,2-Dichloroethene	3.093	96	11555	7.064	ug/L	89
20) cis-1,2-Dichloroethene	4.495	96	504410	274.139	ug/L	99
37) 1,2-Dichloropropane	7.318	63	15056	7.887	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	3957	1.390	ug/L #	55
44) trans-1,3-Dichloropropene	8.958	75	3033	1.088	ug/L	88
61) 1,2,3-Trichloropropane	12.024	75	12763	5.897	ug/L #	66

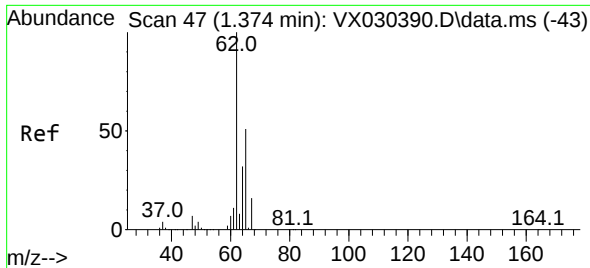
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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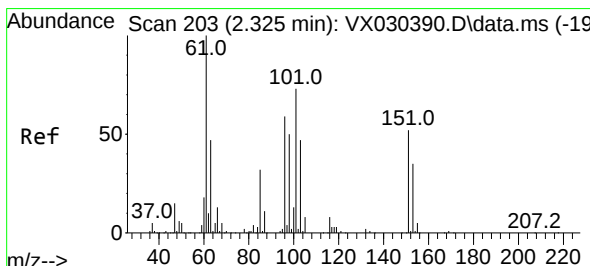
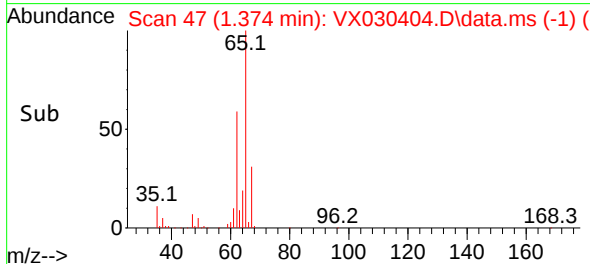
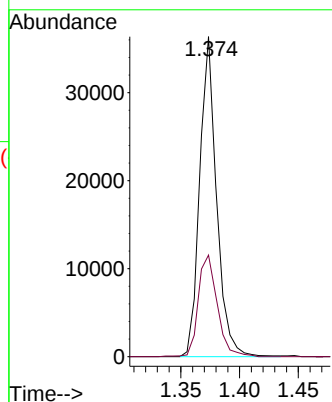
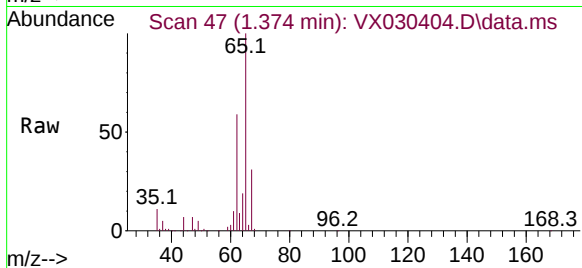




#5
 Vinyl chloride
 Concen: 20.896 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030404.D
 Acq: 04 Aug 2022 20:11

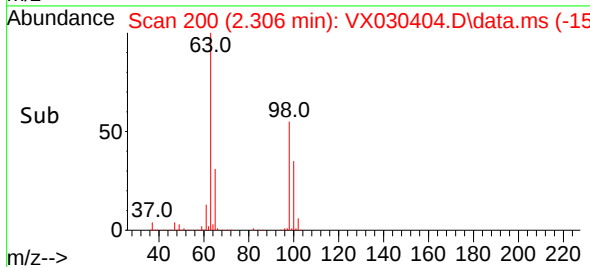
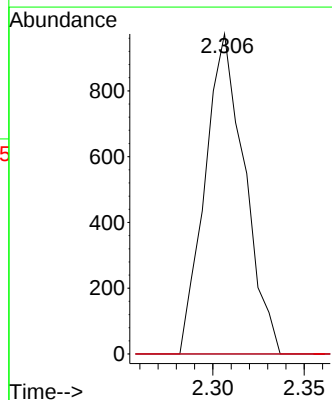
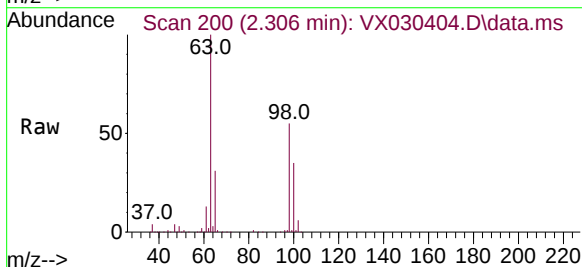
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D65

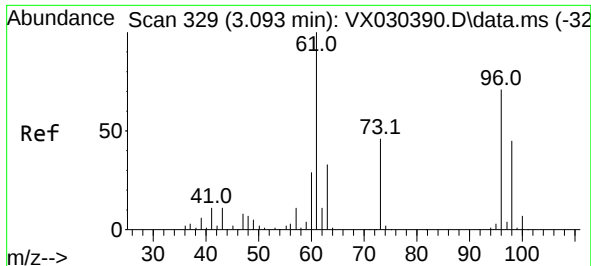
Tgt Ion: 62 Resp: 36429
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.958 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.018 min
 Lab File: VX030404.D
 Acq: 04 Aug 2022 20:11

Tgt Ion: 101 Resp: 1468
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 58.3 87.5#

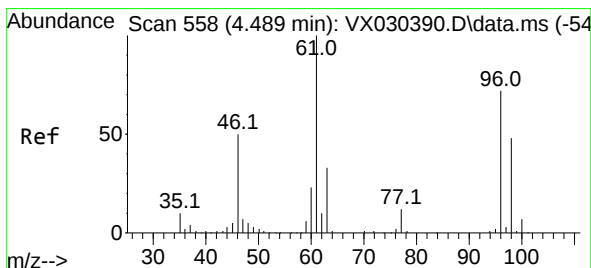
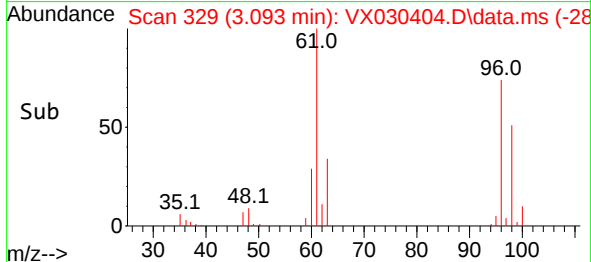
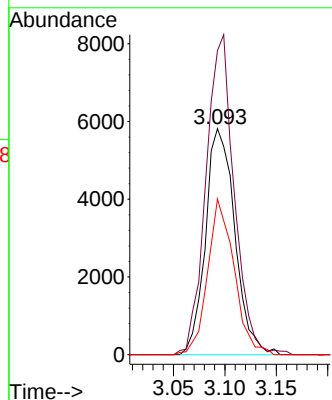
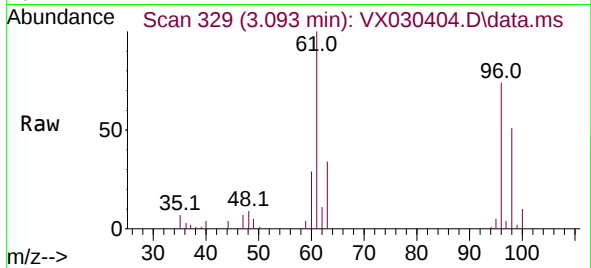




#17
trans-1,2-Dichloroethene
Concen: 7.064 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030404.D
Acq: 04 Aug 2022 20:11

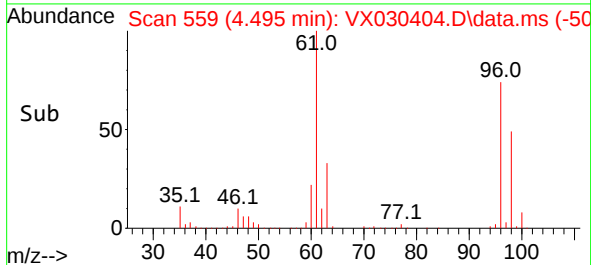
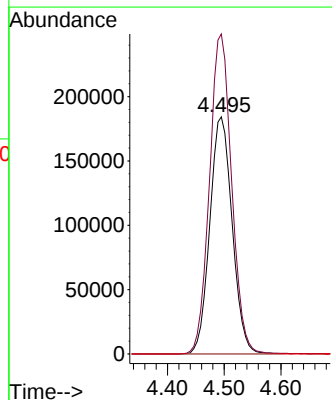
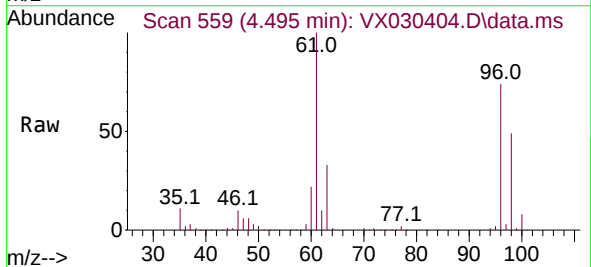
Instrument :
MSVOA_X
ClientSampleId :
F5D65

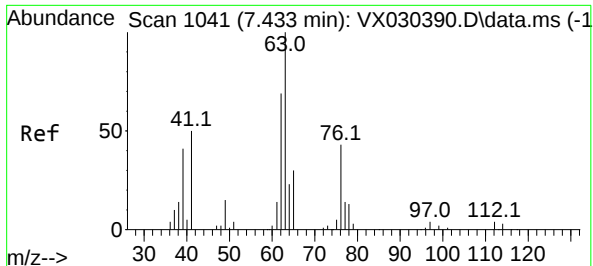
Tgt Ion: 96 Resp: 11555
Ion Ratio Lower Upper
96 100
61 134.5 103.7 192.5
98 68.8 41.5 77.1



#20
cis-1,2-Dichloroethene
Concen: 274.139 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030404.D
Acq: 04 Aug 2022 20:11

Tgt Ion: 96 Resp: 504410
Ion Ratio Lower Upper
96 100
61 134.9 94.0 174.6
68 0.0 0.0 0.0





#37

1,2-Dichloropropane

Concen: 7.887 ug/L

RT: 7.318 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX030404.D

Acq: 04 Aug 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

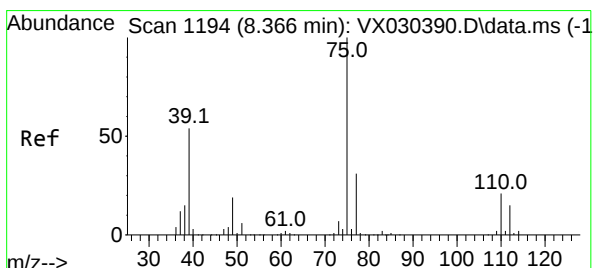
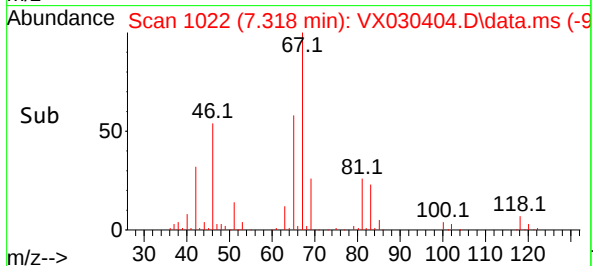
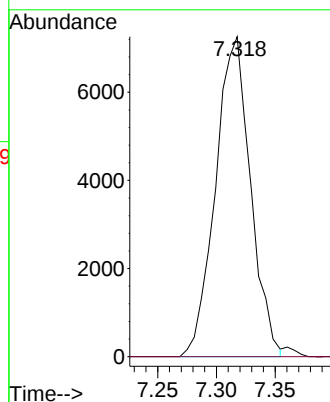
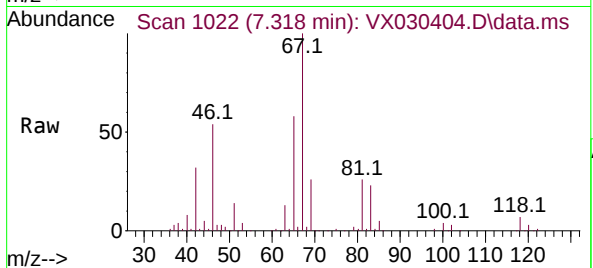
F5D65

Tgt Ion: 63 Resp: 15056

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 1.390 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030404.D

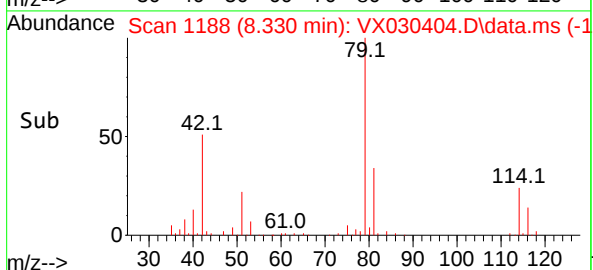
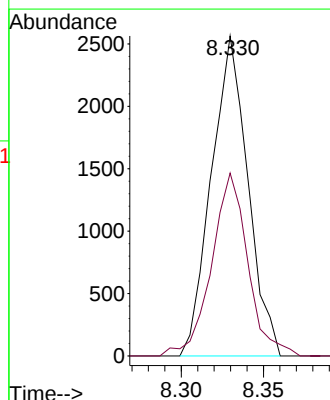
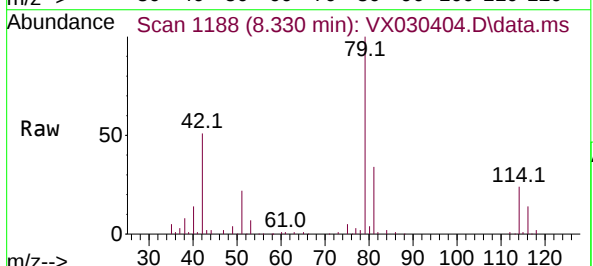
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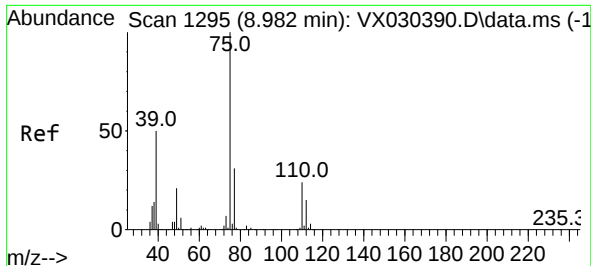
Tgt Ion: 75 Resp: 3957

Ion Ratio Lower Upper

75 100

77 57.1 22.4 41.6#

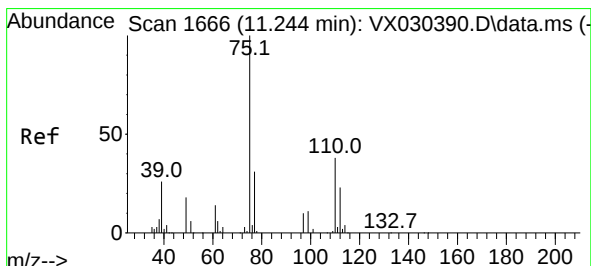
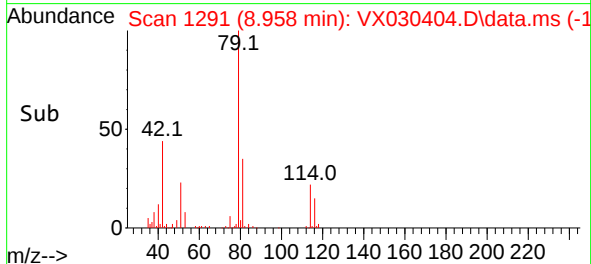
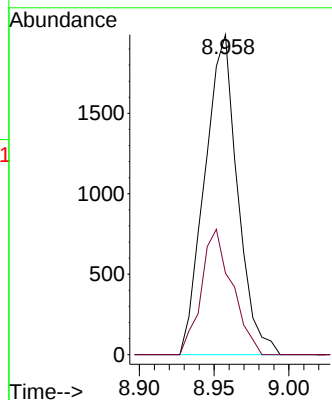
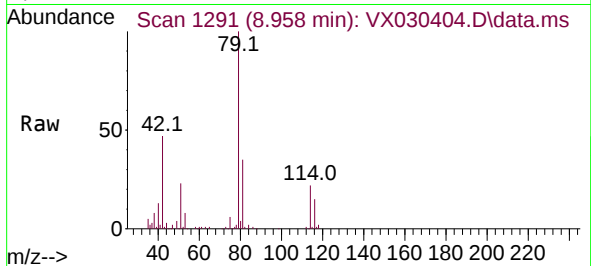




#44
trans-1,3-Dichloropropene
Concen: 1.088 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX030404.D
Acq: 04 Aug 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
F5D65

Tgt Ion: 75 Resp: 3033
Ion Ratio Lower Upper
75 100
77 25.4 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 5.897 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX030404.D
Acq: 04 Aug 2022 20:11

Tgt Ion: 75 Resp: 12763
Ion Ratio Lower Upper
75 100
77 35.7 26.1 39.1
110 2.8 30.5 45.7#

