

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030403.D
 Acq On : 04 Aug 2022 19:47
 Operator : JC/MD
 Sample : N4003-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D64

Quant Time: Aug 05 05:28:50 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)

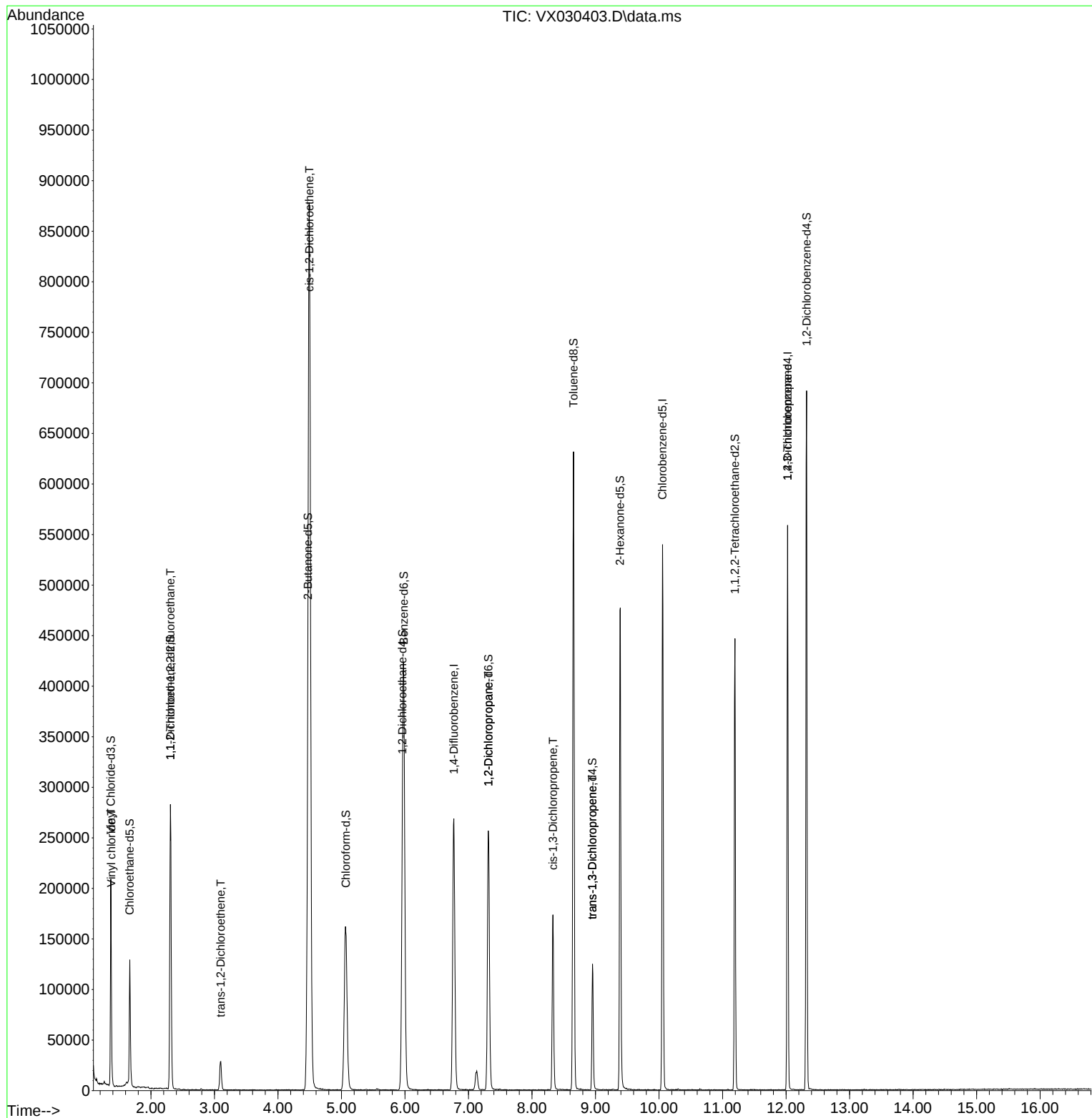
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	263482	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231024	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106229	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	98958	58.485	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.960%			
7) Chloroethane-d5	1.666	69	75206	63.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 126.100%			
11) 1,1-Dichloroethene-d2	2.306	63	159674	49.888	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.780%			
21) 2-Butanone-d5	4.471	46	196471	125.320	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 125.320%			
24) Chloroform-d	5.068	84	200039	57.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.860%			
26) 1,2-Dichloroethane-d4	5.958	65	141016	59.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.260%			
32) Benzene-d6	5.983	84	405273	61.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.480%			
36) 1,2-Dichloropropane-d6	7.312	67	132629	61.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 123.540%#			
41) Toluene-d8	8.653	98	364328	58.406	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.820%			
43) trans-1,3-Dichloroprop...	8.952	79	56778	53.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.320%			
47) 2-Hexanone-d5	9.384	63	134178	122.605	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 122.610%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	171177	60.690	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 121.380%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	127198	61.734	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.460%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	36461	20.023	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1563	0.976	ug/L #	20
17) trans-1,2-Dichloroethene	3.099	96	11121	6.509	ug/L	93
20) cis-1,2-Dichloroethene	4.495	96	500806	260.575	ug/L	100
37) 1,2-Dichloropropane	7.312	63	15104	7.669	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	4332	1.475	ug/L #	67
44) trans-1,3-Dichloropropene	8.952	75	2859	0.994	ug/L	97
61) 1,2,3-Trichloropropane	12.024	75	14065	6.165	ug/L #	68

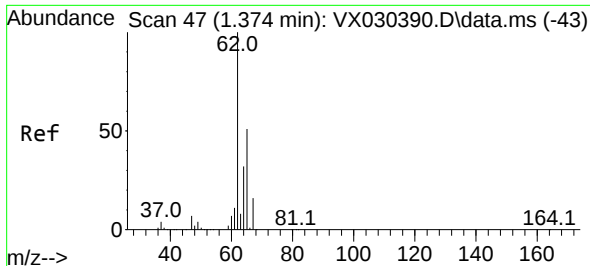
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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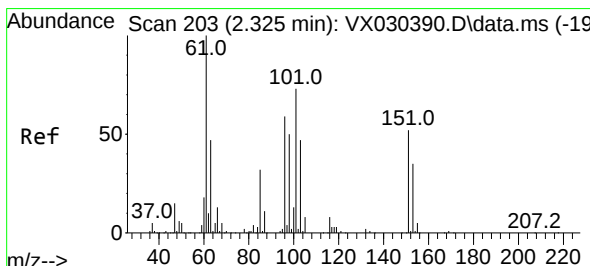
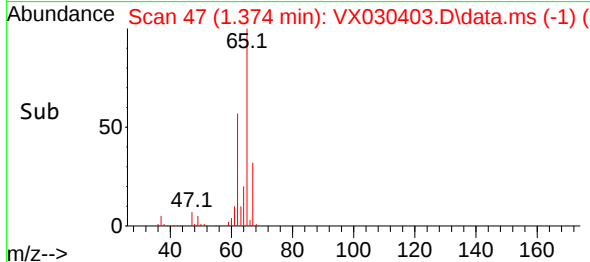
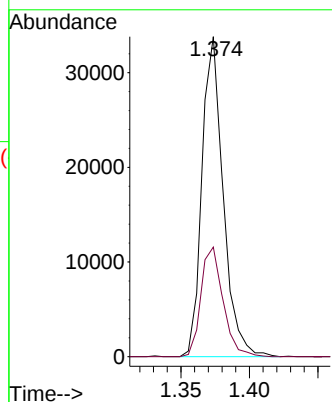
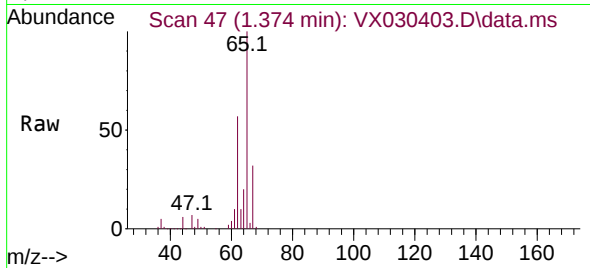




#5
 Vinyl chloride
 Concen: 20.023 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030403.D
 Acq: 04 Aug 2022 19:47

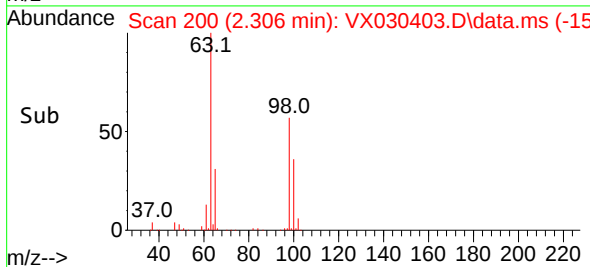
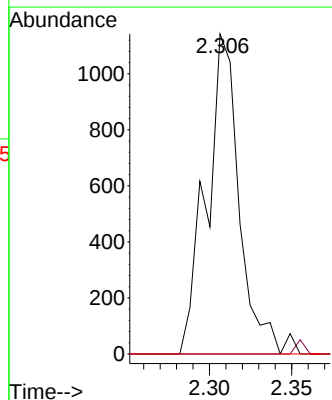
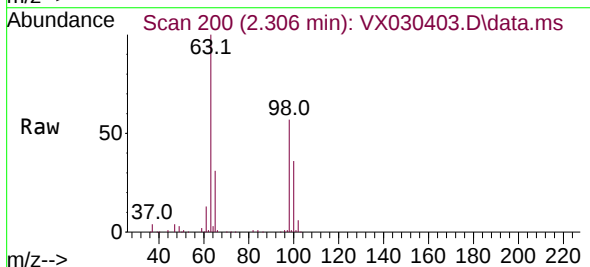
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D64

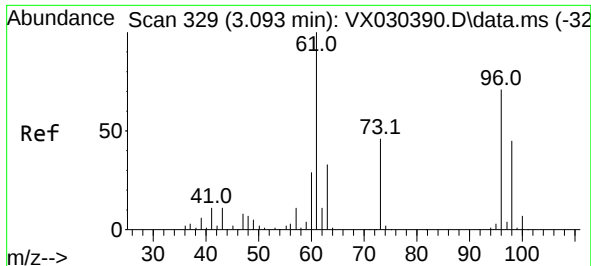
Tgt Ion: 62 Resp: 36461
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.976 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.018 min
 Lab File: VX030403.D
 Acq: 04 Aug 2022 19:47

Tgt Ion: 101 Resp: 1563
 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: 6.509 ug/L

RT: 3.099 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX030403.D

Acq: 04 Aug 2022 19:47

Instrument :

MSVOA_X

ClientSampleId :

F5D64

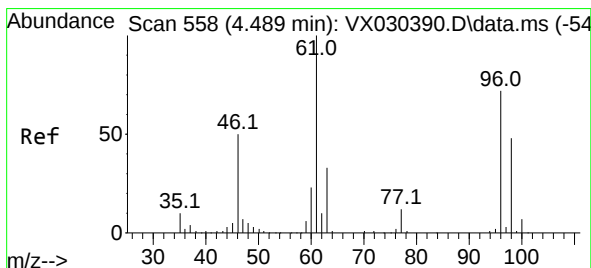
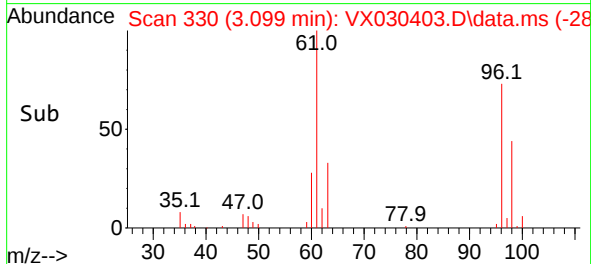
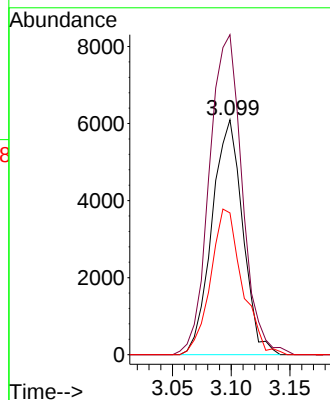
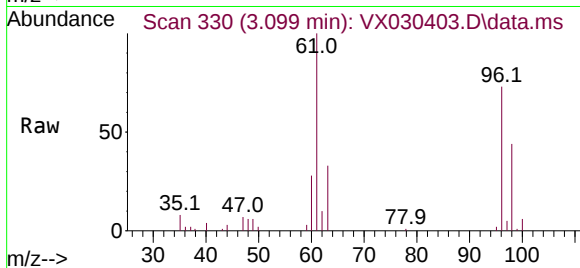
Tgt Ion: 96 Resp: 11121

Ion Ratio Lower Upper

96 100

61 136.2 103.7 192.5

98 60.4 41.5 77.1



#20

cis-1,2-Dichloroethene

Concen: 260.575 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030403.D

Acq: 04 Aug 2022 19:47

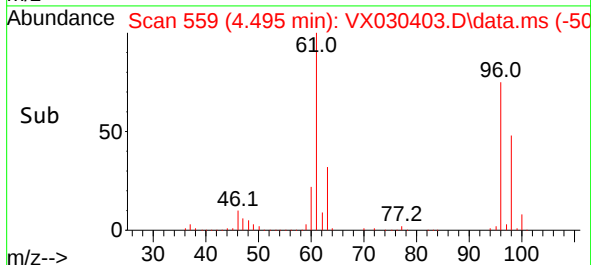
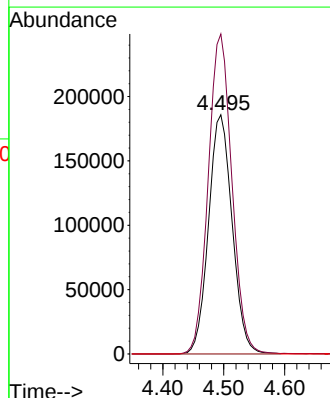
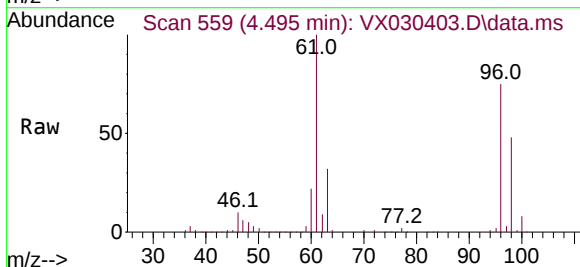
Tgt Ion: 96 Resp: 500806

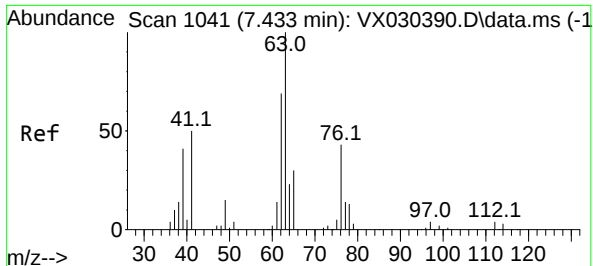
Ion Ratio Lower Upper

96 100

61 133.7 94.0 174.6

68 0.0 0.0 0.0





#37

1,2-Dichloropropane

Concen: 7.669 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX030403.D

Acq: 04 Aug 2022 19:47

Instrument :

MSVOA_X

ClientSampleId :

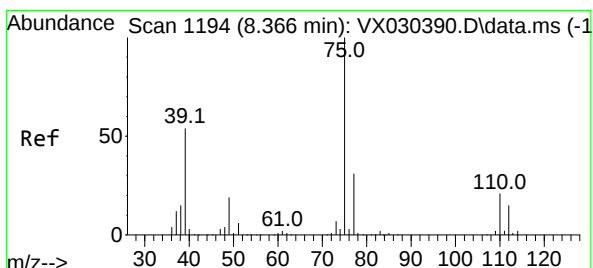
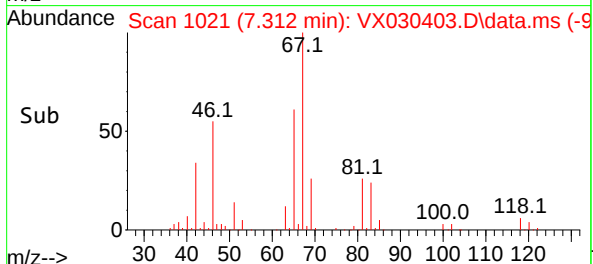
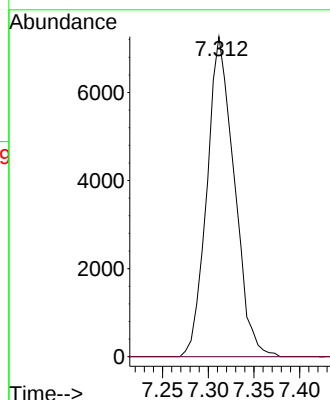
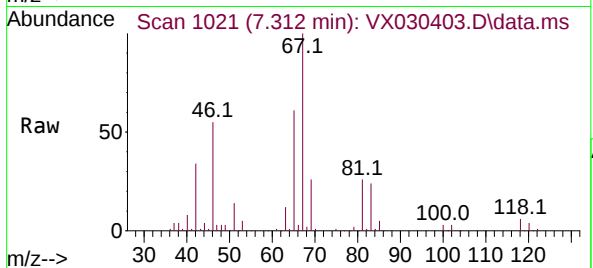
F5D64

Tgt Ion: 63 Resp: 15104

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 1.475 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030403.D

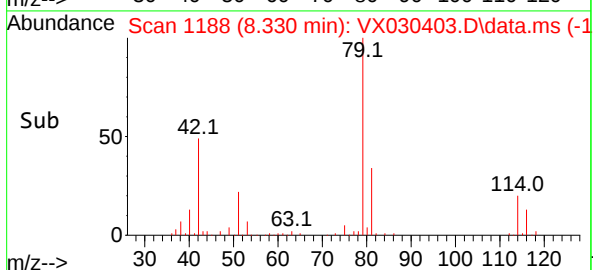
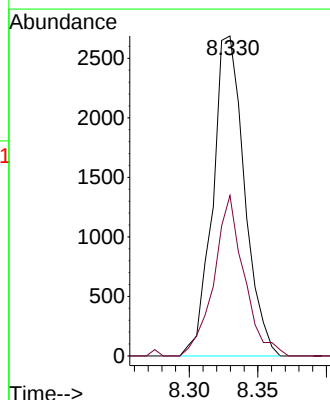
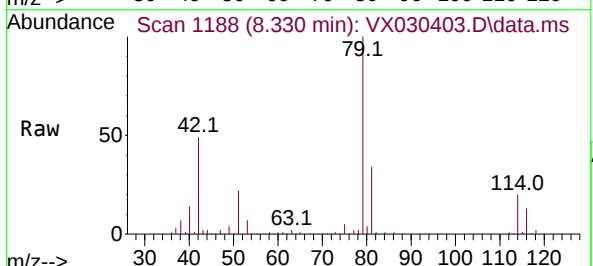
Acq: 04 Aug 2022 19:47

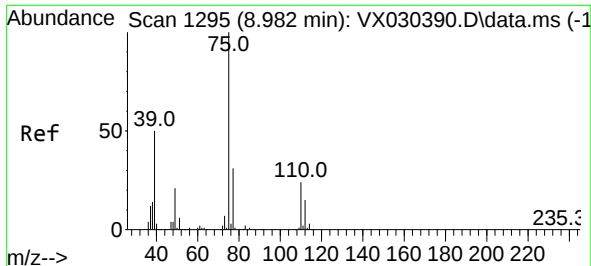
Tgt Ion: 75 Resp: 4332

Ion Ratio Lower Upper

75 100

77 50.1 22.4 41.6#

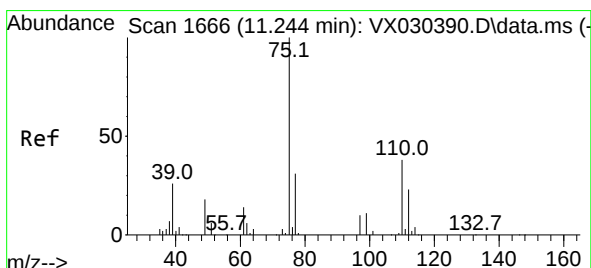
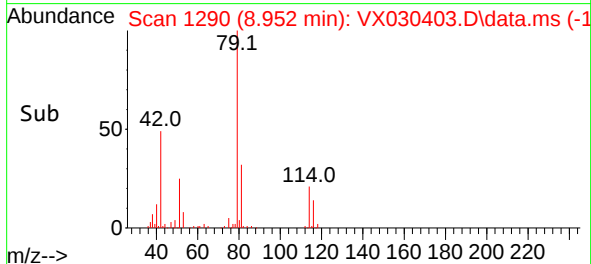
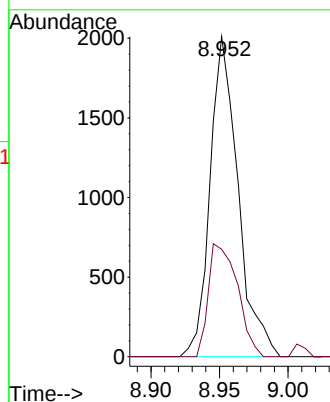
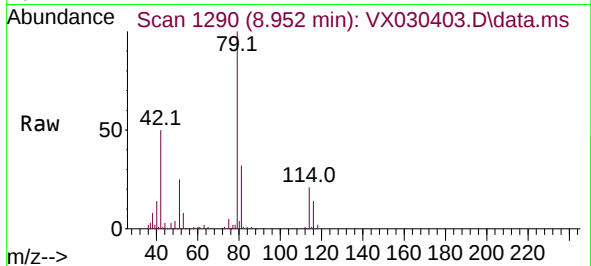




#44
trans-1,3-Dichloropropene
Concen: 0.994 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030403.D
Acq: 04 Aug 2022 19:47

Instrument :
MSVOA_X
ClientSampleId :
F5D64

Tgt Ion: 75 Resp: 2859
Ion Ratio Lower Upper
75 100
77 33.6 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 6.165 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX030403.D
Acq: 04 Aug 2022 19:47

Tgt Ion: 75 Resp: 14065
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
110 3.9 30.5 45.7#

