

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030400.D
 Acq On : 04 Aug 2022 18:37
 Operator : JC/MD
 Sample : N4003-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D59

Quant Time: Aug 05 05:28:08 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)

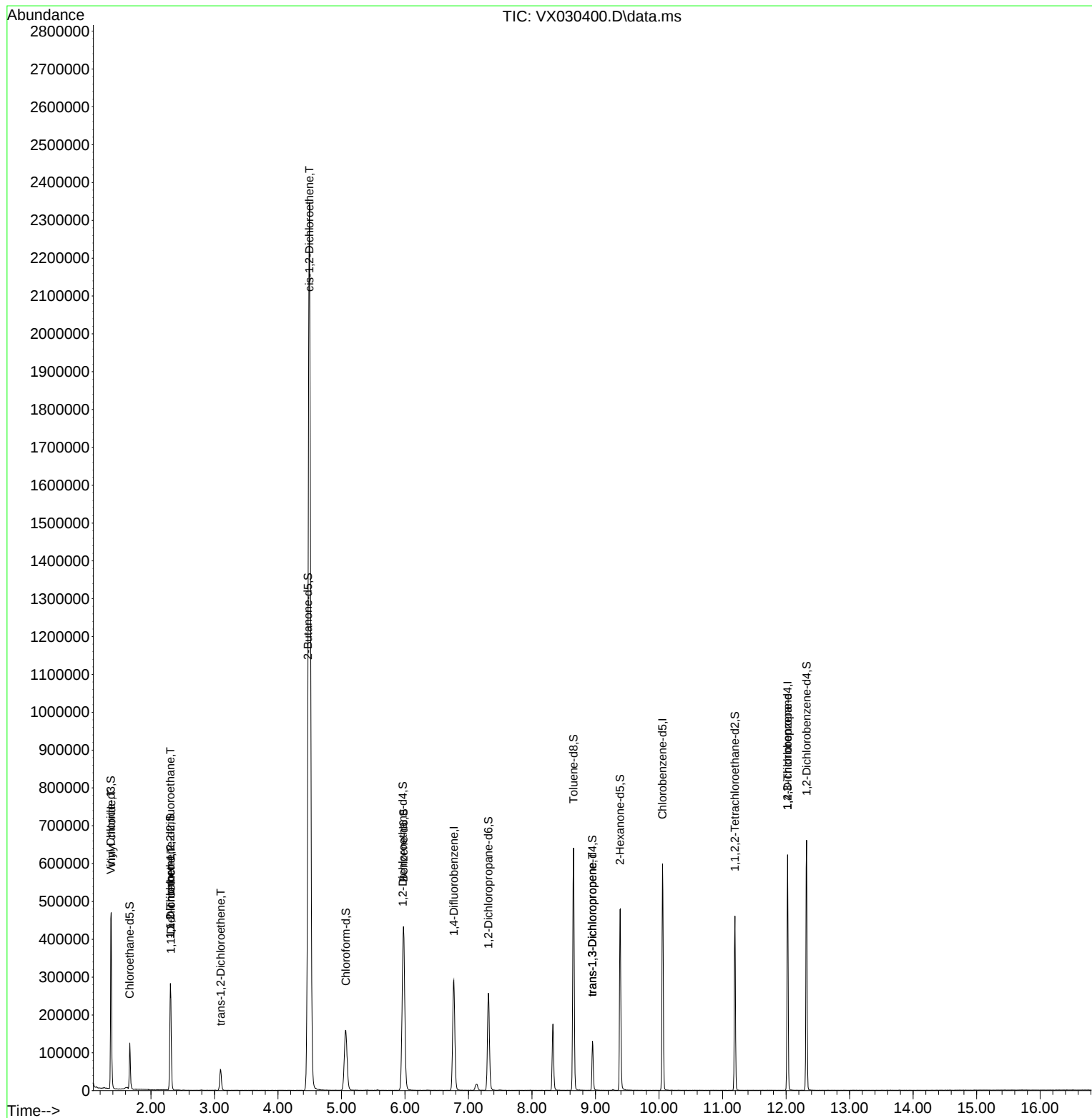
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	288485	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	252987	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114707	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100830	54.426	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 108.860%		
7) Chloroethane-d5	1.666	69	75966	58.167	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 116.340%		
11) 1,1-Dichloroethene-d2	2.306	63	160418	45.776	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 91.560%		
21) 2-Butanone-d5	4.471	46	199077	115.977	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 115.980%		
24) Chloroform-d	5.068	84	200453	52.562	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.120%		
26) 1,2-Dichloroethane-d4	5.964	65	139594	53.908	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.820%		
32) Benzene-d6	5.977	84	408393	56.356	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 112.720%		
36) 1,2-Dichloropropane-d6	7.312	67	130335	55.434	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 110.860%		
41) Toluene-d8	8.653	98	366458	53.648	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 107.300%		
43) trans-1,3-Dichloroprop...	8.952	79	58526	50.037	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 100.080%		
47) 2-Hexanone-d5	9.384	63	137116	114.413	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 114.410%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	169874	54.999	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 110.000%		
66) 1,2-Dichlorobenzene-d4	12.323	152	122768	55.180	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 110.360%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	217921	109.301	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1494	0.852	ug/L #	21
12) 1,1-Dichloroethene	2.313	96	2349	1.455	ug/L #	1
17) trans-1,2-Dichloroethene	3.099	96	21915	11.715	ug/L	88
20) cis-1,2-Dichloroethene	4.495	96	1363225	647.827	ug/L	99
44) trans-1,3-Dichloropropene	8.952	75	2887	0.917	ug/L #	68
61) 1,2,3-Trichloropropane	12.024	75	15500	6.292	ug/L #	68

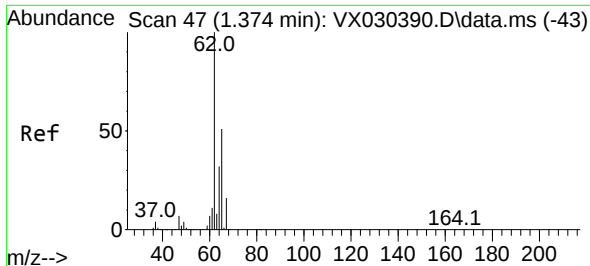
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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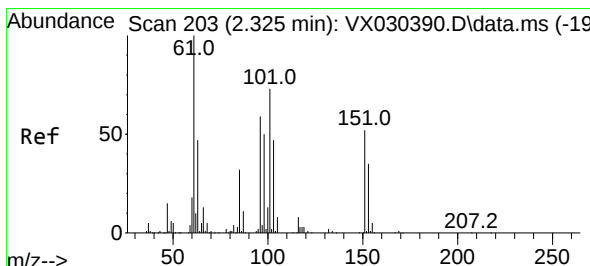
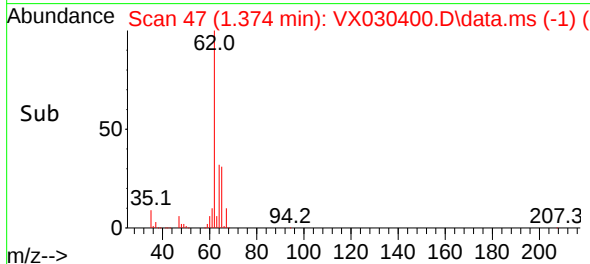
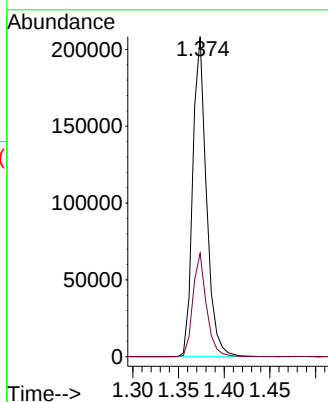
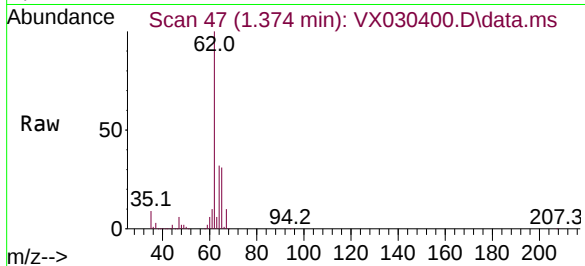




#5
 Vinyl chloride
 Concen: 109.301 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030400.D
 Acq: 04 Aug 2022 18:37

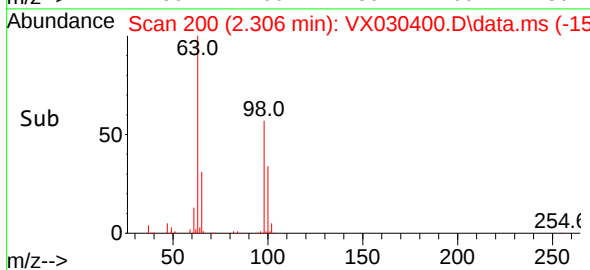
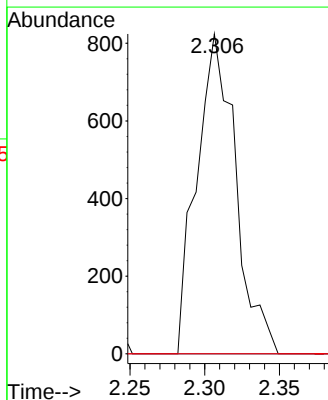
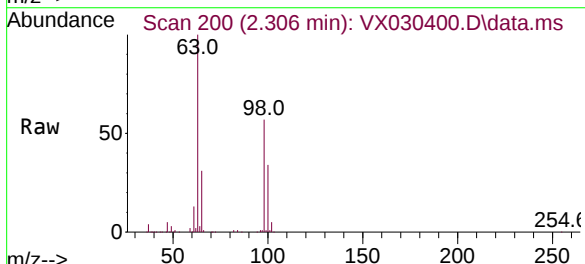
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D59

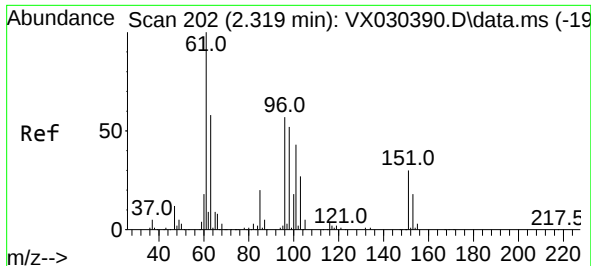
Tgt Ion: 62 Resp: 217921
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.852 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.018 min
 Lab File: VX030400.D
 Acq: 04 Aug 2022 18:37

Tgt Ion: 101 Resp: 1494
 Ion Ratio Lower Upper
 101 100
 85 1.7 35.3 52.9#
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 1.455 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX030400.D

Acq: 04 Aug 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

F5D59

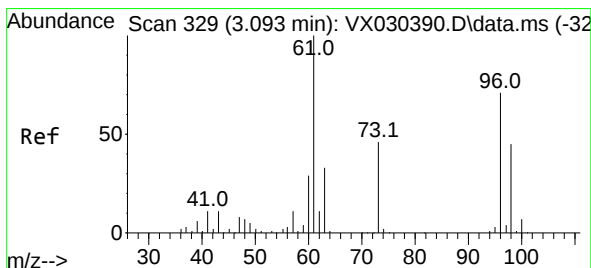
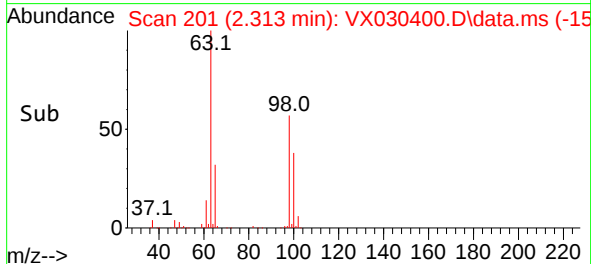
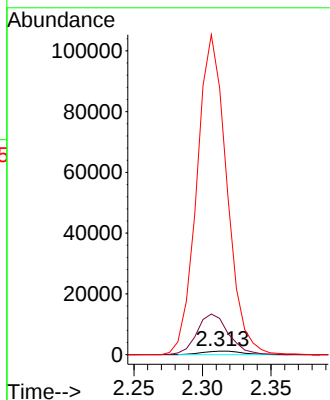
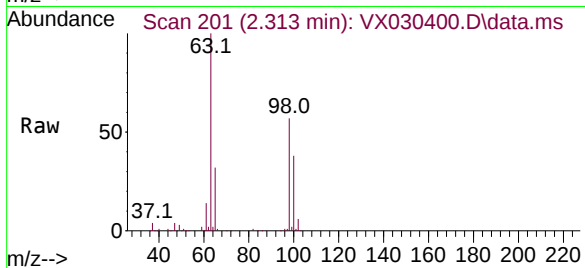
Tgt Ion: 96 Resp: 2349

Ion Ratio Lower Upper

96 100

61 1024.5 130.2 241.8#

63 7516.2 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 11.715 ug/L

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX030400.D

Acq: 04 Aug 2022 18:37

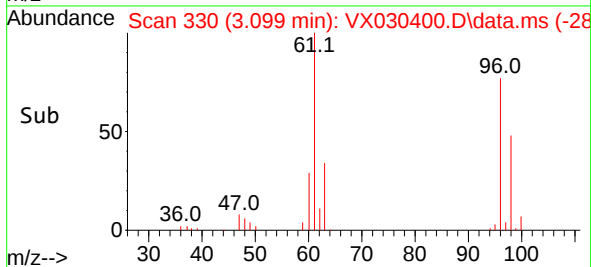
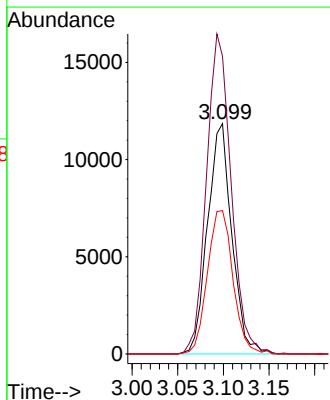
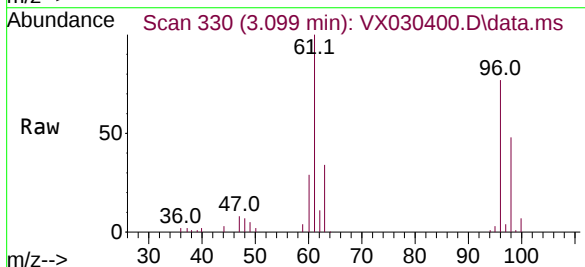
Tgt Ion: 96 Resp: 21915

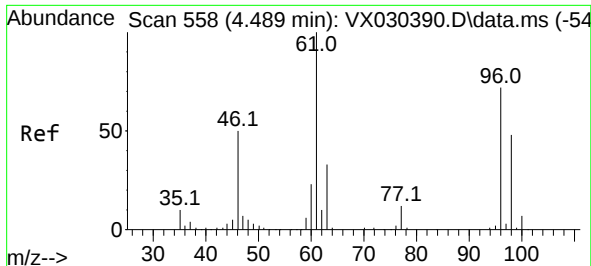
Ion Ratio Lower Upper

96 100

61 129.2 103.7 192.5

98 62.3 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 647.827 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030400.D

Acq: 04 Aug 2022 18:37

Instrument :

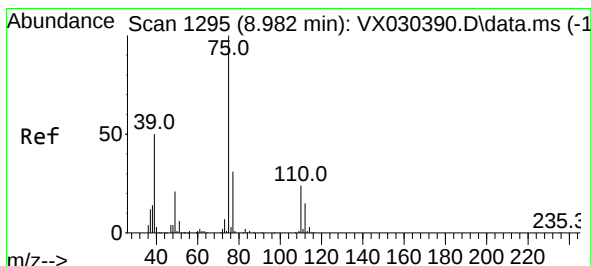
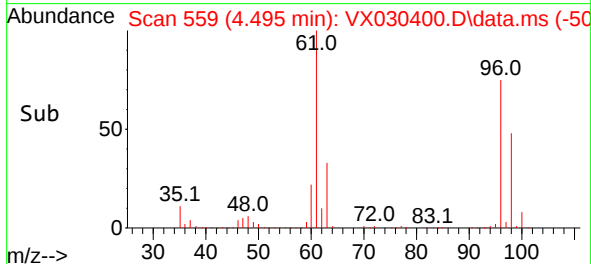
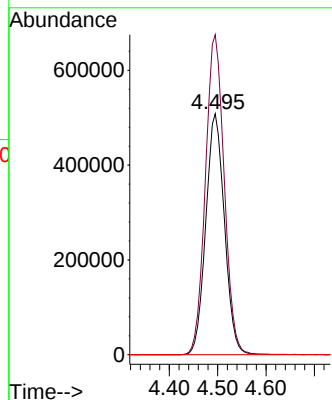
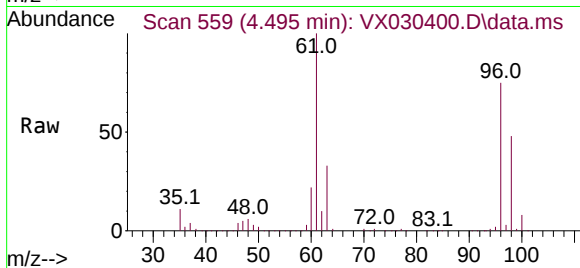
MSVOA_X

ClientSampleId :

F5D59

Tgt Ion: 96 Resp: 1363225

Ion	Ratio	Lower	Upper
96	100		
61	132.8	94.0	174.6
68	0.0	0.0	0.0



#44

trans-1,3-Dichloropropene

Concen: 0.917 ug/L

RT: 8.952 min Scan# 1290

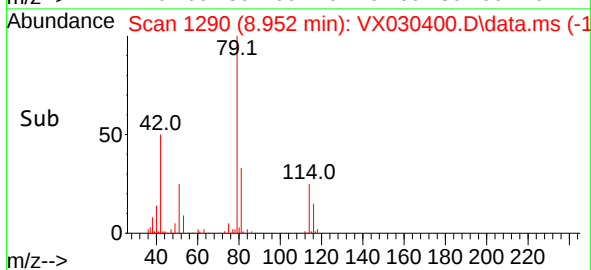
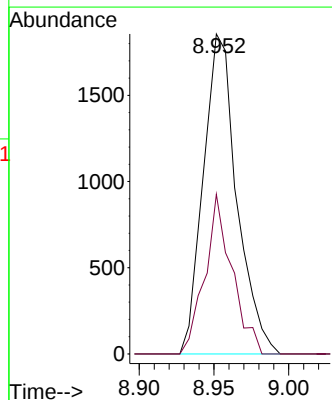
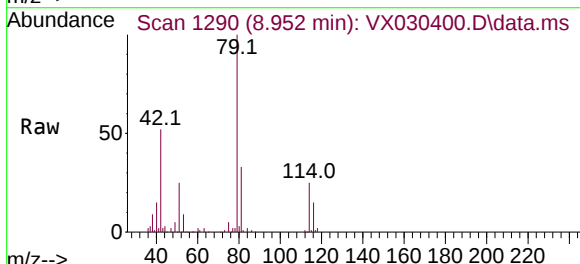
Delta R.T. -0.030 min

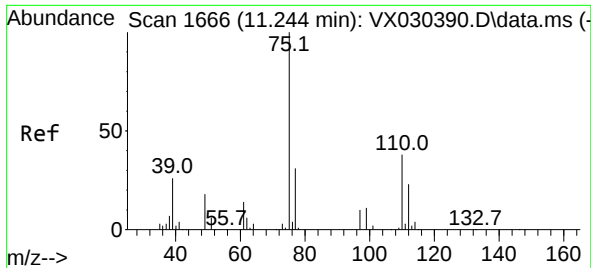
Lab File: VX030400.D

Acq: 04 Aug 2022 18:37

Tgt Ion: 75 Resp: 2887

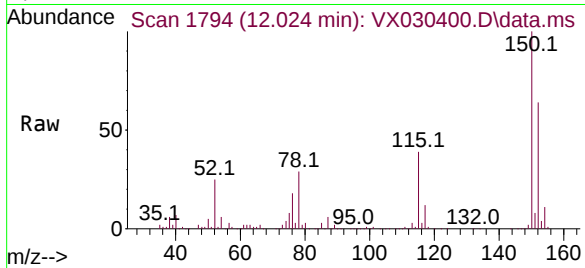
Ion	Ratio	Lower	Upper
75	100		
77	49.9	22.5	41.7#





#61
 1,2,3-Trichloropropane
 Concen: 6.292 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX030400.D
 Acq: 04 Aug 2022 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D59



Tgt Ion: 75 Resp: 15500
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.1 39.1
 110 3.5 30.5 45.7#

