

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030394.D
 Acq On : 04 Aug 2022 16:17
 Operator : JC/MD
 Sample : N4003-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D31

Quant Time: Aug 05 05:26:45 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)

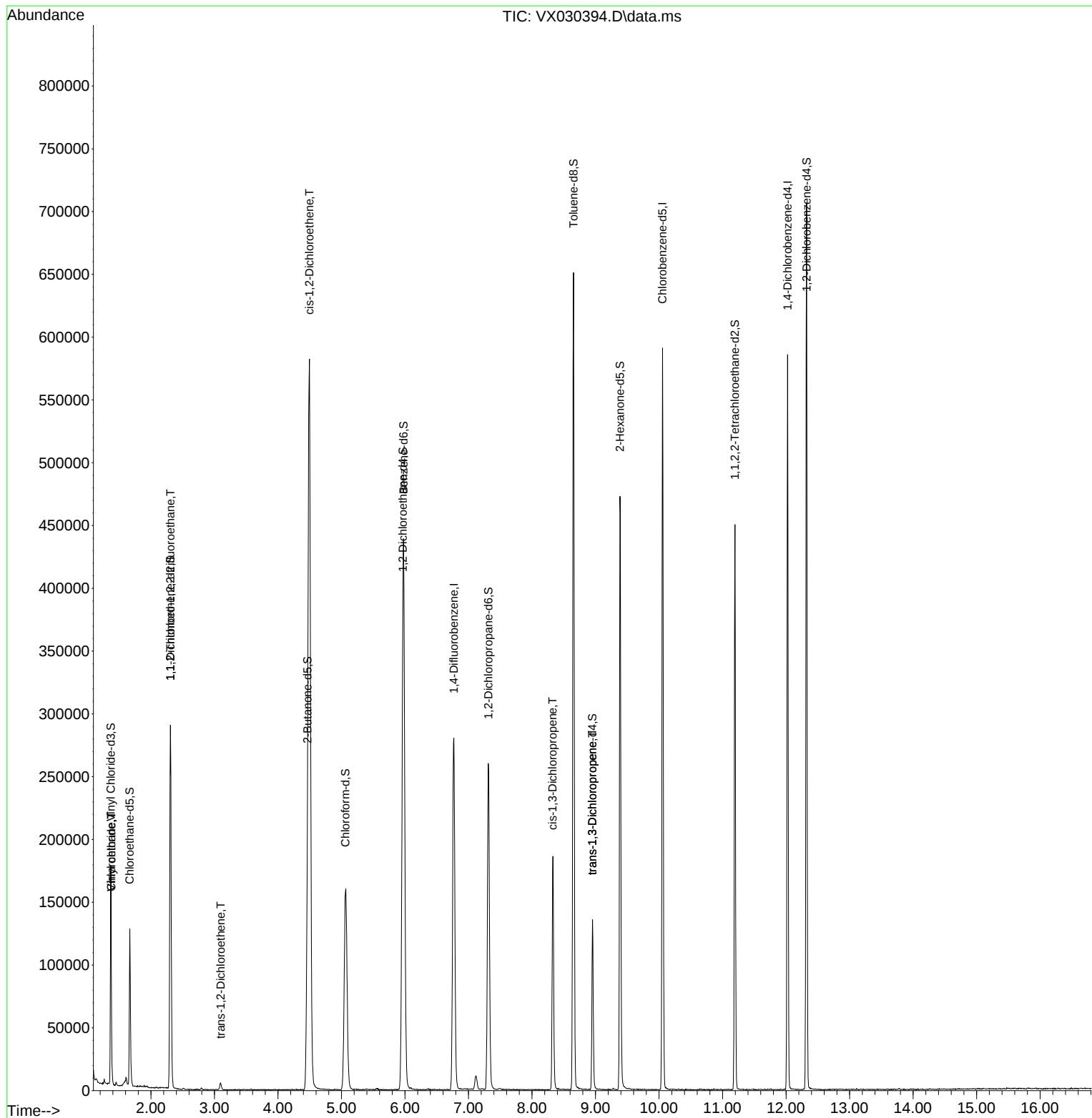
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	284785	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	249342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112056	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102214	55.890	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 111.780%		
7) Chloroethane-d5	1.666	69	77714	60.279	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 120.560%		
11) 1,1-Dichloroethene-d2	2.306	63	165289	47.779	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 95.560%		
21) 2-Butanone-d5	4.465	46	194950	115.048	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 115.050%		
24) Chloroform-d	5.062	84	202996	53.921	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 107.840%		
26) 1,2-Dichloroethane-d4	5.964	65	141414	55.321	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.640%		
32) Benzene-d6	5.976	84	411786	57.654	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 115.300%		
36) 1,2-Dichloropropane-d6	7.312	67	134532	58.056	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 116.120%		
41) Toluene-d8	8.653	98	372659	55.353	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 110.700%		
43) trans-1,3-Dichloroprop...	8.952	79	61120	53.019	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 106.040%		
47) 2-Hexanone-d5	9.384	63	133267	112.827	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 112.830%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	172819	56.771	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 113.540%		
66) 1,2-Dichlorobenzene-d4	12.323	152	131437	60.474	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 120.940%#		
Target Compounds						
5) Vinyl chloride	1.374	62	9063	4.605	ug/L #	77
8) Chloroethane	1.374	64	4448	3.967	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1459	0.843	ug/L #	23
17) trans-1,2-Dichloroethene	3.099	96	2132	1.155	ug/L	92
20) cis-1,2-Dichloroethene	4.495	96	329124	158.437	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	4687	1.478	ug/L #	83
44) trans-1,3-Dichloropropene	8.952	75	2785	0.897	ug/L	86

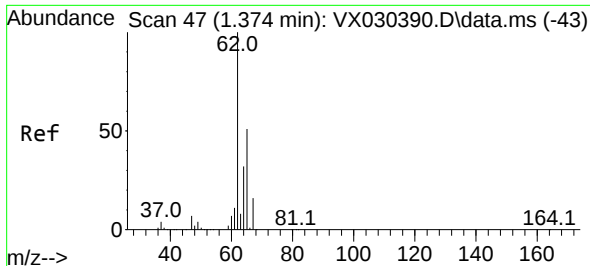
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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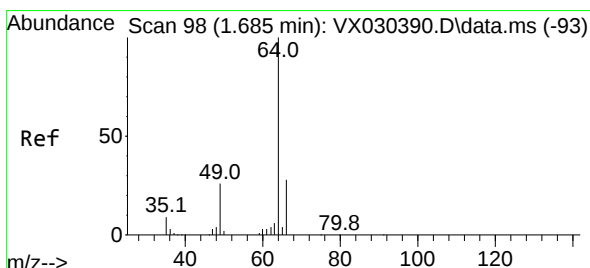
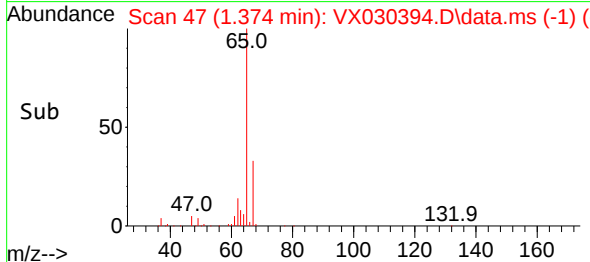
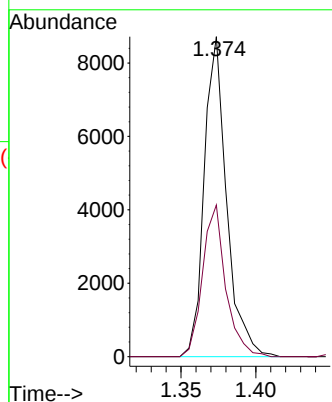
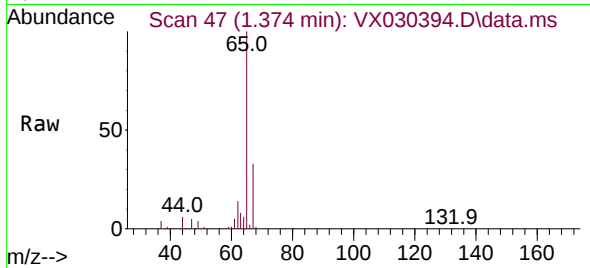




#5
 Vinyl chloride
 Concen: 4.605 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX030394.D
 Acq: 04 Aug 2022 16:17

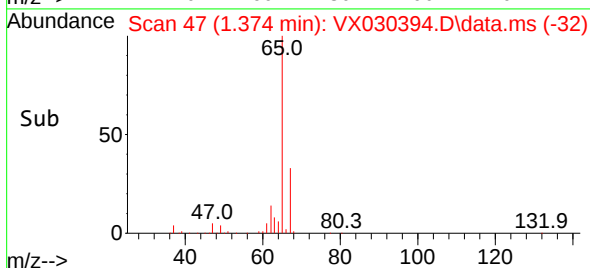
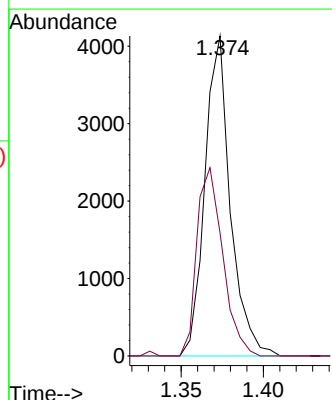
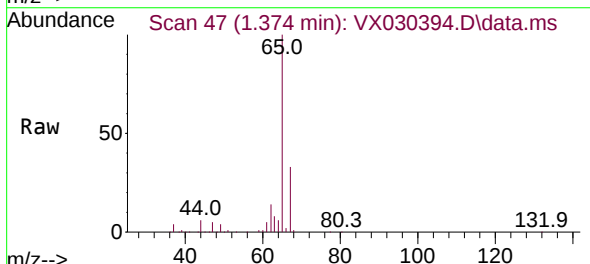
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D31

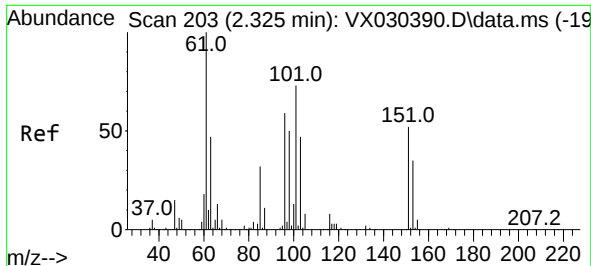
Tgt Ion: 62 Resp: 9063
 Ion Ratio Lower Upper
 62 100
 64 47.4 23.8 44.2#



#8
 Chloroethane
 Concen: 3.967 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.311 min
 Lab File: VX030394.D
 Acq: 04 Aug 2022 16:17

Tgt Ion: 64 Resp: 4448
 Ion Ratio Lower Upper
 64 100
 66 38.5 22.1 41.1

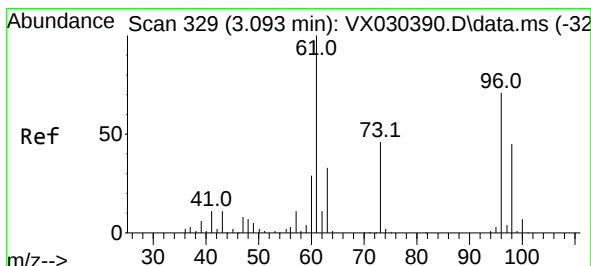
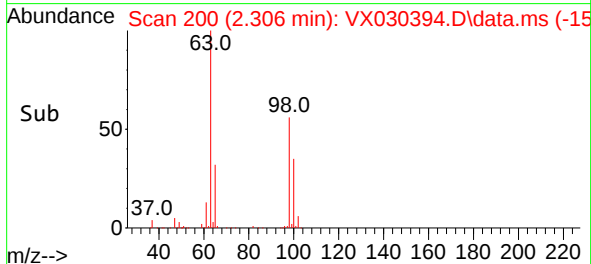
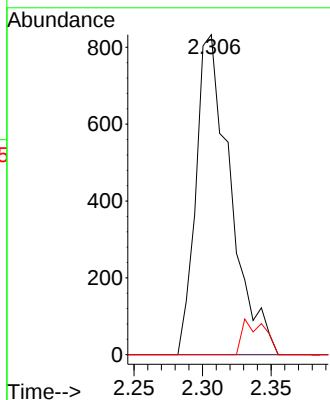
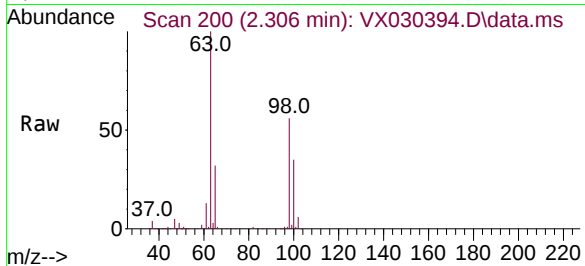




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.843 ug/L
RT: 2.306 min Scan# 20
Delta R.T. -0.018 min
Lab File: VX030394.D
Acq: 04 Aug 2022 16:17

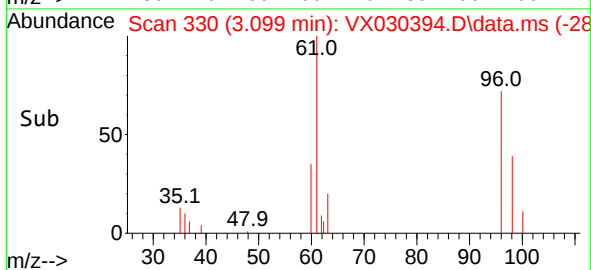
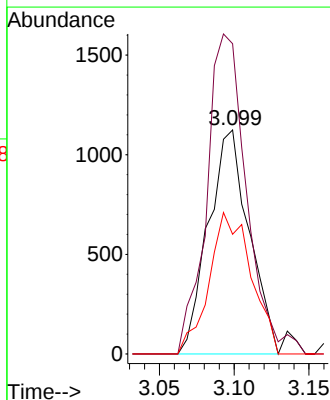
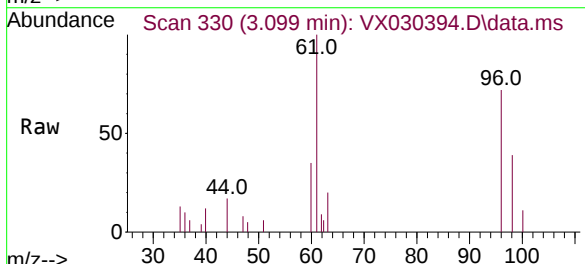
Instrument :
MSVOA_X
ClientSampleId :
F5D31

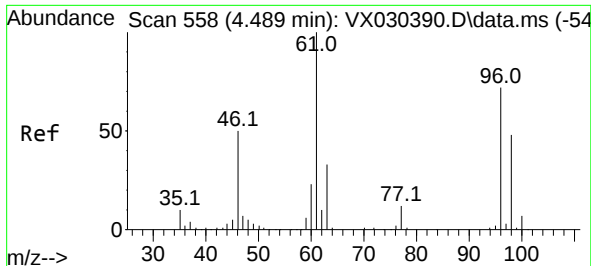
Tgt Ion:101 Resp: 1459
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 3.8 58.3 87.5#



#17
trans-1,2-Dichloroethene
Concen: 1.155 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX030394.D
Acq: 04 Aug 2022 16:17

Tgt Ion: 96 Resp: 2132
Ion Ratio Lower Upper
96 100
61 138.5 103.7 192.5
98 53.5 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 158.437 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030394.D

Acq: 04 Aug 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

F5D31

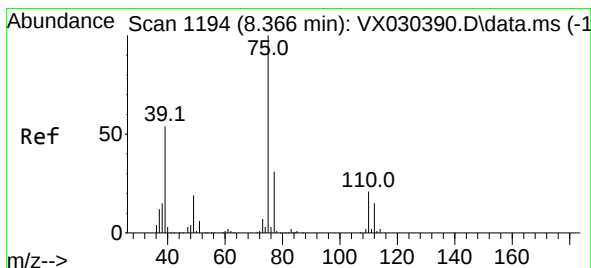
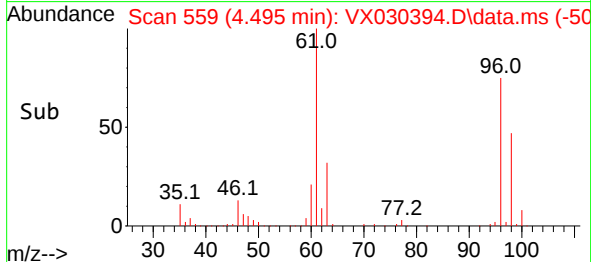
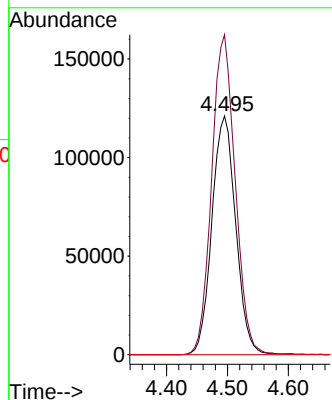
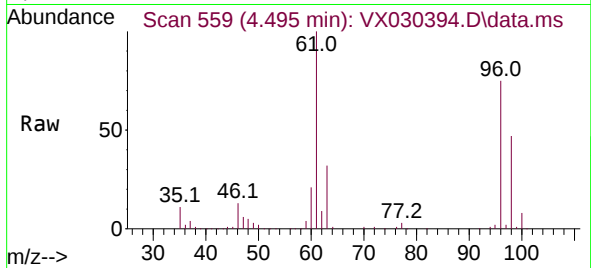
Tgt Ion: 96 Resp: 329124

Ion Ratio Lower Upper

96 100

61 134.0 94.0 174.6

68 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 1.478 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX030394.D

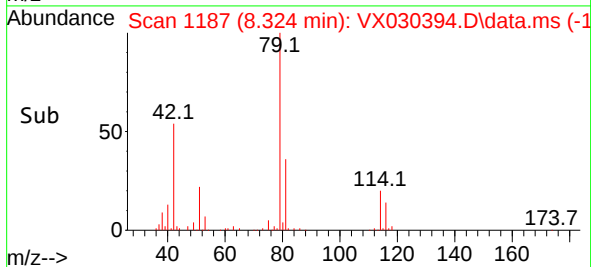
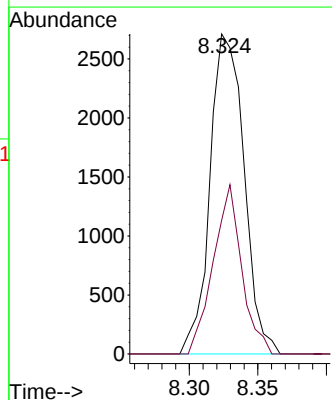
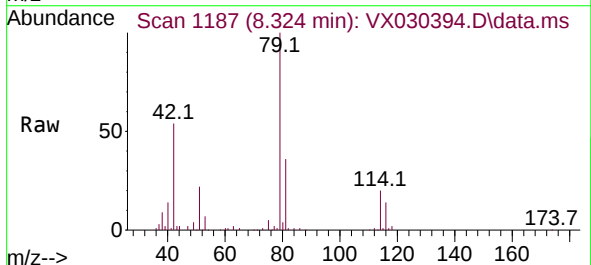
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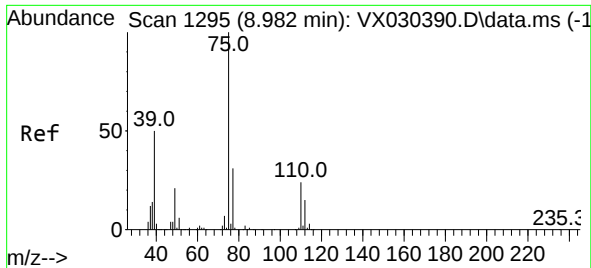
Tgt Ion: 75 Resp: 4687

Ion Ratio Lower Upper

75 100

77 41.7 22.4 41.6#





#44
trans-1,3-Dichloropropene
Concen: 0.897 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030394.D
Acq: 04 Aug 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
F5D31

Tgt Ion: 75 Resp: 2785
Ion Ratio Lower Upper
75 100
77 40.1 22.5 41.7

