

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030398.D
 Acq On : 04 Aug 2022 17:50
 Operator : JC/MD
 Sample : N4003-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D36

Quant Time: Aug 05 05:27:37 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)

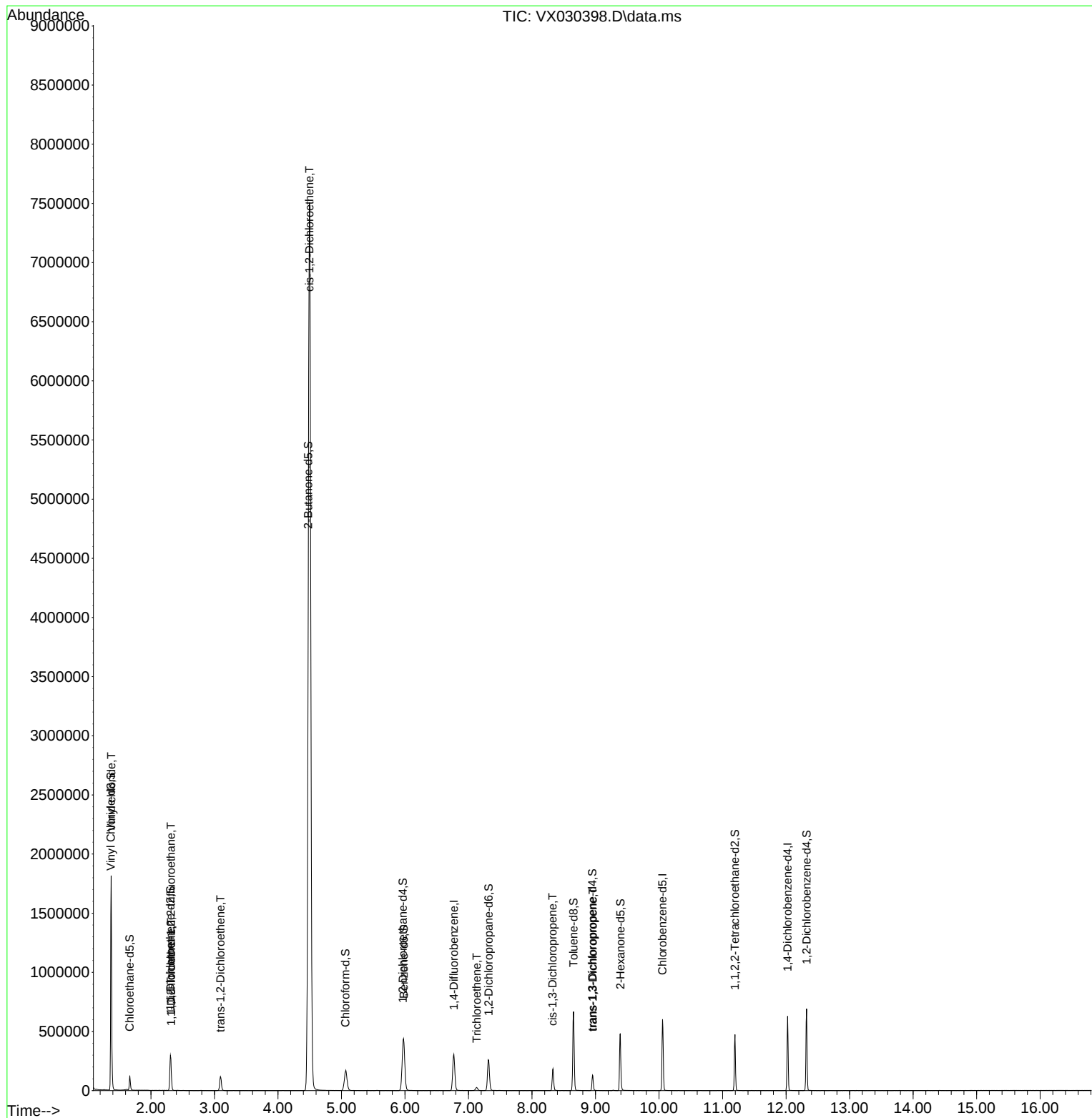
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	303696	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	261225	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114751	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	108649	55.709	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	111.420%	
7) Chloroethane-d5	1.666	69	75795	55.130	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	110.260%	
11) 1,1-Dichloroethene-d2	2.306	63	166803	45.214	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.420%	
21) 2-Butanone-d5	4.477	46	207387	114.766	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.770%	
24) Chloroform-d	5.062	84	206434	51.419	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.840%	
26) 1,2-Dichloroethane-d4	5.964	65	144725	53.090	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.180%	
32) Benzene-d6	5.983	84	413763	55.296	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	110.600%	
36) 1,2-Dichloropropane-d6	7.318	67	131389	54.120	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	108.240%	
41) Toluene-d8	8.653	98	377056	53.458	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.920%	
43) trans-1,3-Dichloroprop...	8.951	79	61924	51.272	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	102.540%	
47) 2-Hexanone-d5	9.390	63	137107	110.798	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	110.800%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	176286	55.275	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	110.560%	
66) 1,2-Dichlorobenzene-d4	12.323	152	127042	57.079	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	114.160%	
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	1057258	503.719	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	1781	0.965	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	8447	4.969	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	46783	23.756	ug/L	92
20) cis-1,2-Dichloroethene	4.495	96	4506570	2034.333	ug/L	98
34) Trichloroethene	7.129	95	8636	3.560	ug/L	95
39) cis-1,3-Dichloropropene	8.324	75	4252	1.280	ug/L #	76
44) trans-1,3-Dichloropropene	8.958	75	2844	0.875	ug/L	89

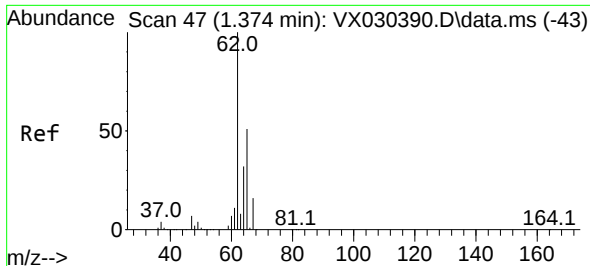
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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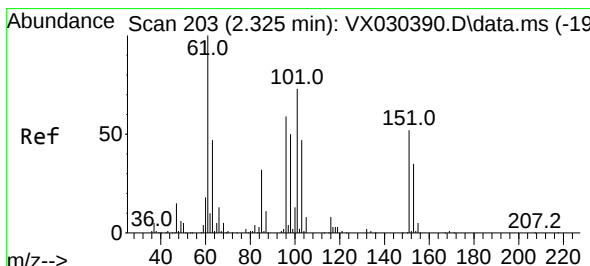
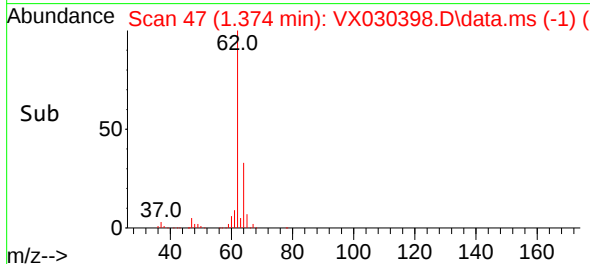
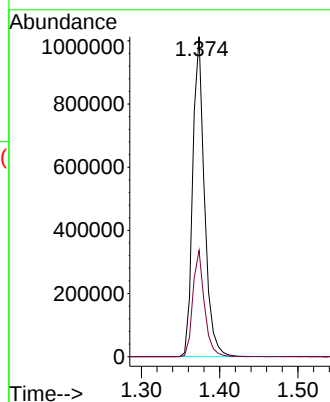
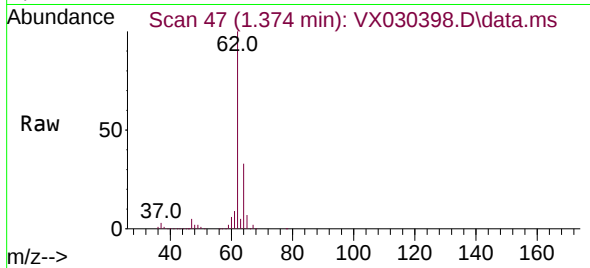




#5
 Vinyl chloride
 Concen: 503.719 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030398.D
 Acq: 04 Aug 2022 17:50

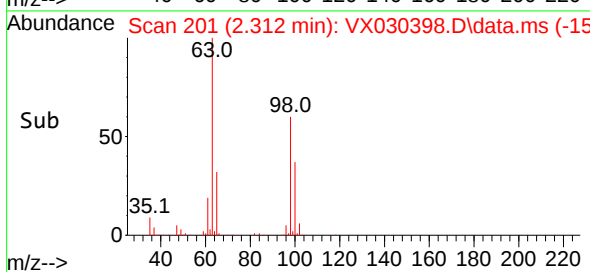
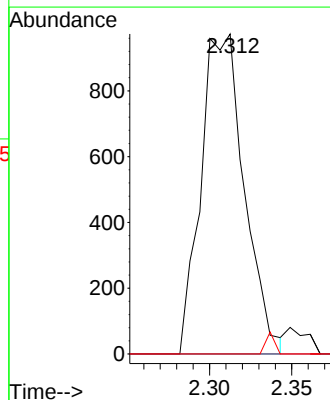
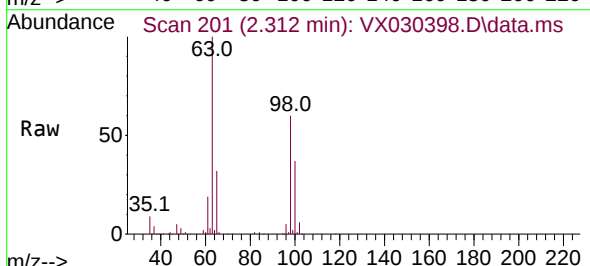
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D36

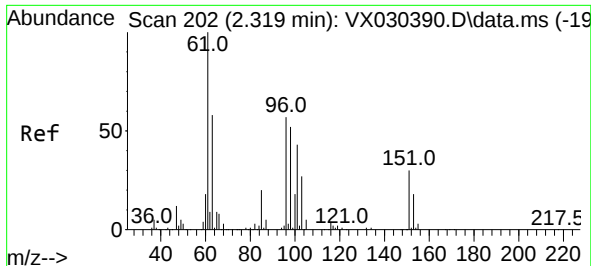
Tgt Ion: 62 Resp: 1057258
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.965 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.012 min
 Lab File: VX030398.D
 Acq: 04 Aug 2022 17:50

Tgt Ion: 101 Resp: 1781
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 58.3 87.5#

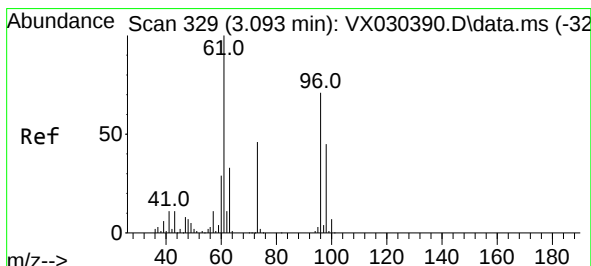
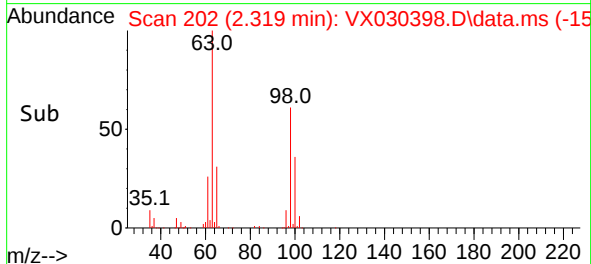
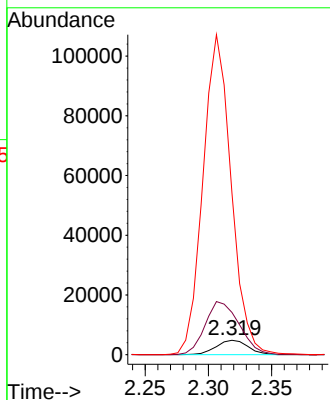
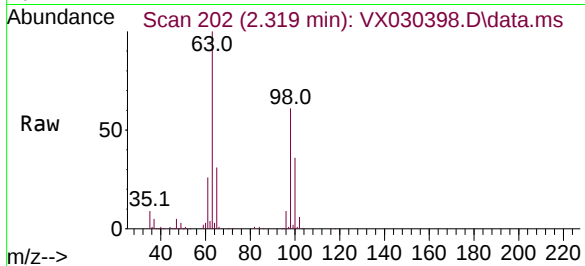




#12
1,1-Dichloroethene
Concen: 4.969 ug/L
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX030398.D
Acq: 04 Aug 2022 17:50

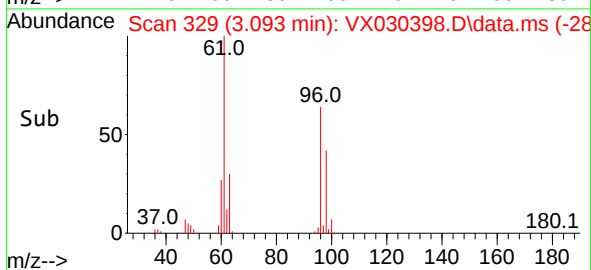
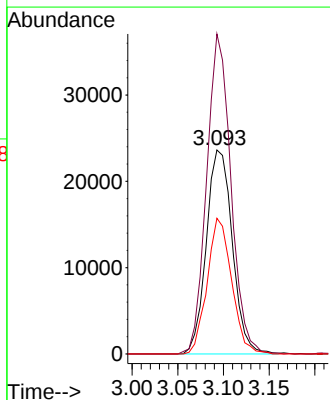
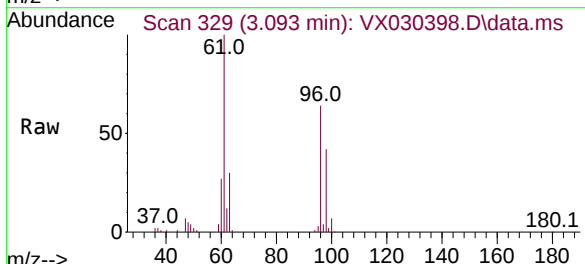
Instrument :
MSVOA_X
ClientSampleId :
F5D36

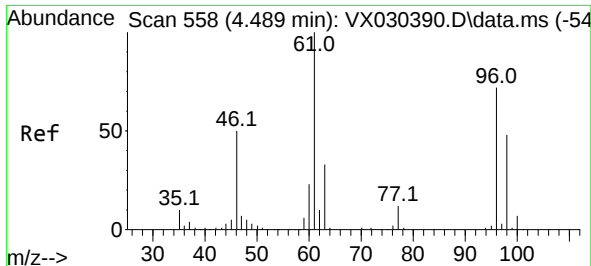
Tgt Ion: 96 Resp: 8447
Ion Ratio Lower Upper
96 100
61 292.6 130.2 241.8#
63 1119.7 113.5 210.9#



#17
trans-1,2-Dichloroethene
Concen: 23.756 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX030398.D
Acq: 04 Aug 2022 17:50

Tgt Ion: 96 Resp: 46783
Ion Ratio Lower Upper
96 100
61 156.9 103.7 192.5
98 66.5 41.5 77.1

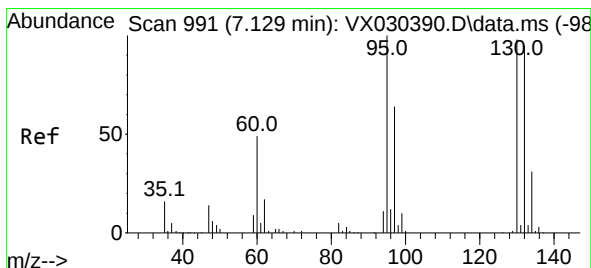
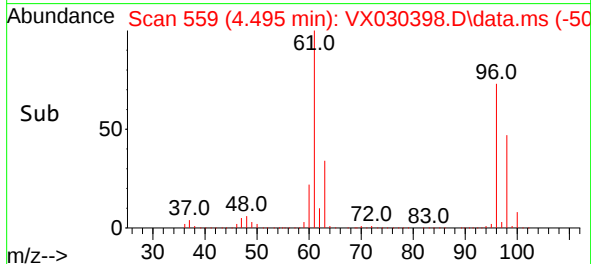
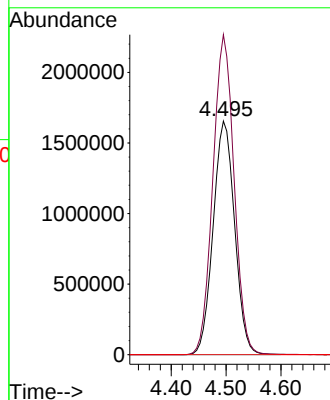
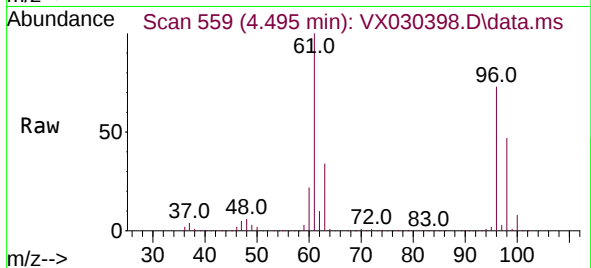




#20
cis-1,2-Dichloroethene
Concen: 2034.333 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030398.D
Acq: 04 Aug 2022 17:50

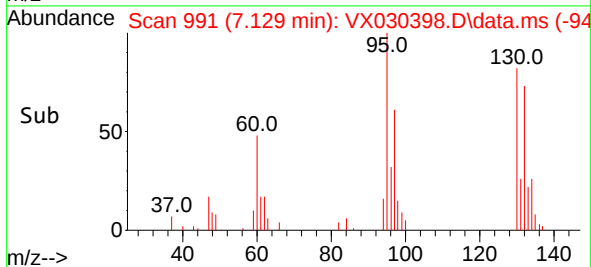
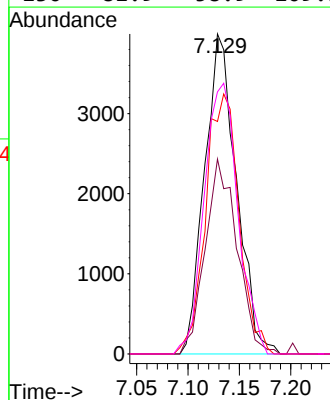
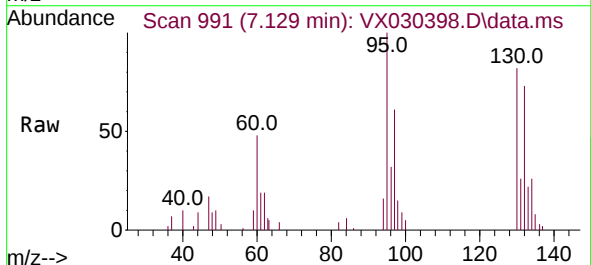
Instrument :
MSVOA_X
ClientSampleId :
F5D36

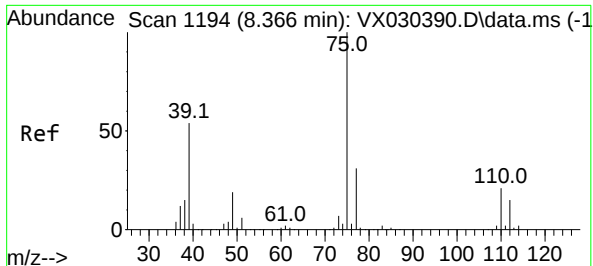
Tgt Ion: 96 Resp: 4506570
Ion Ratio Lower Upper
96 100
61 137.0 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.560 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030398.D
Acq: 04 Aug 2022 17:50

Tgt Ion: 95 Resp: 8636
Ion Ratio Lower Upper
95 100
97 60.9 40.2 74.6
132 72.6 55.3 102.7
130 81.9 58.9 109.5





#39

cis-1,3-Dichloropropene

Concen: 1.280 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX030398.D

Acq: 04 Aug 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

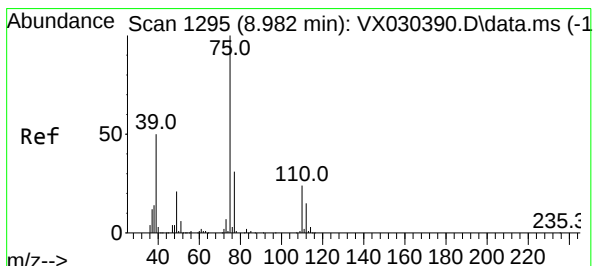
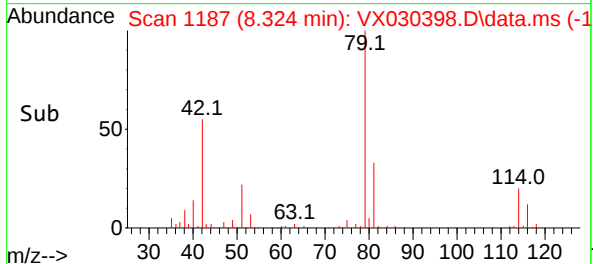
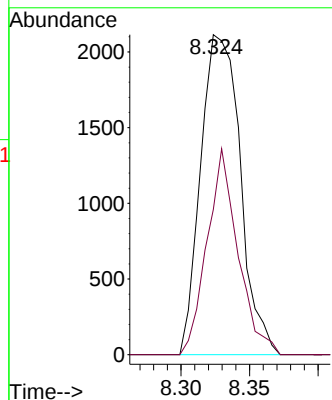
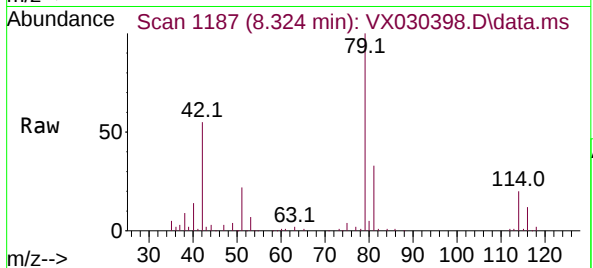
F5D36

Tgt Ion: 75 Resp: 4252

Ion Ratio Lower Upper

75 100

77 45.4 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.875 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX030398.D

Acq: 04 Aug 2022 17:50

Tgt Ion: 75 Resp: 2844

Ion Ratio Lower Upper

75 100

77 38.2 22.5 41.7

