

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030601.D
 Acq On : 12 Aug 2022 17:55
 Operator : JC/MD
 Sample : N4131-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E42

Quant Time: Aug 12 23:32:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 23:28:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

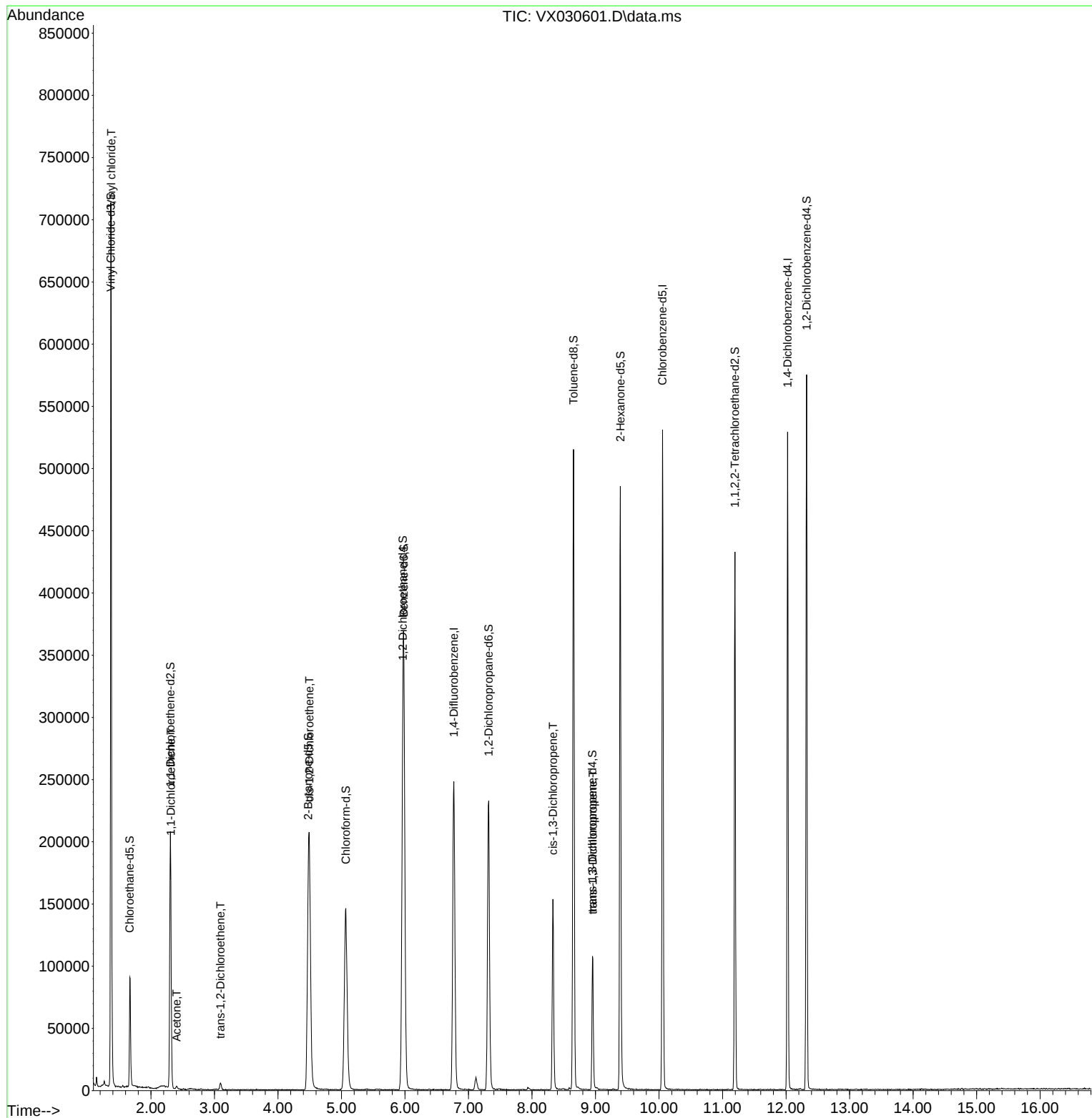
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	236045	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	216502	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70080	46.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.460%
7) Chloroethane-d5	1.666	69	58150	54.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.840%
11) 1,1-Dichloroethene-d2	2.306	63	118789	41.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.860%
21) 2-Butanone-d5	4.477	46	202245	143.998	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	144.000%#
24) Chloroform-d	5.068	84	175211	56.150	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.300%
26) 1,2-Dichloroethane-d4	5.964	65	132756	62.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.320%#
32) Benzene-d6	5.983	84	332584	53.629	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.260%
36) 1,2-Dichloropropane-d6	7.318	67	118445	58.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.740%
41) Toluene-d8	8.653	98	290808	49.747	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.500%
43) trans-1,3-Dichloroprop...	8.952	79	49449	49.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.800%
47) 2-Hexanone-d5	9.391	63	127224	124.049	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.050%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	159272	60.257	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.520%#
66) 1,2-Dichlorobenzene-d4	12.323	152	102964	56.519	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.040%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	387226	237.365	ug/L	99
12) 1,1-Dichloroethene	2.313	96	1721	1.303	ug/L #	1
13) Acetone	2.404	43	2946	2.862	ug/L	76
17) trans-1,2-Dichloroethene	3.093	96	1720	1.124	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	73173	42.498	ug/L	96
39) cis-1,3-Dichloropropene	8.330	75	3333	1.211	ug/L #	61
44) trans-1,3-Dichloropropene	8.958	75	2542	0.943	ug/L	99

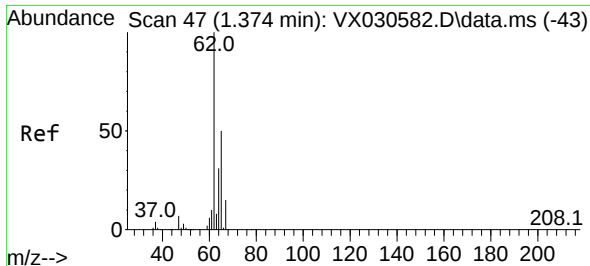
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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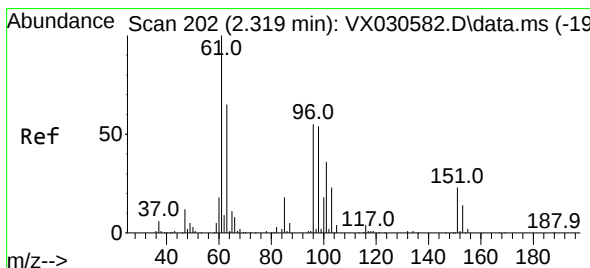
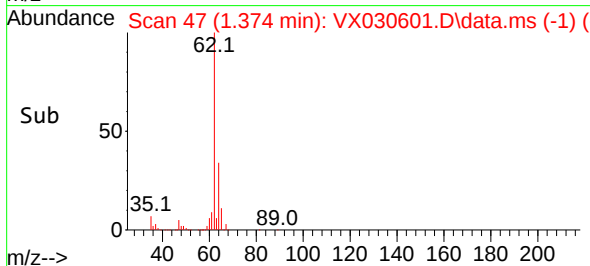
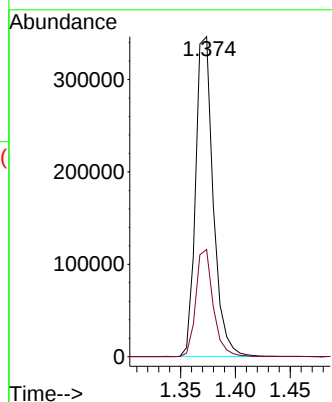
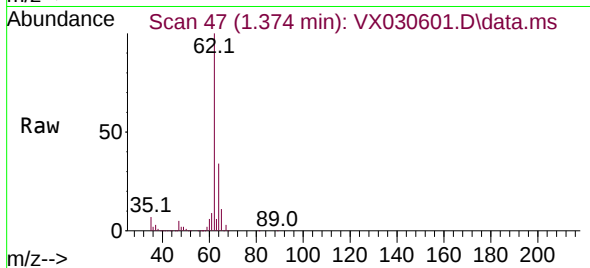




#5
 Vinyl chloride
 Concen: 237.365 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030601.D
 Acq: 12 Aug 2022 17:55

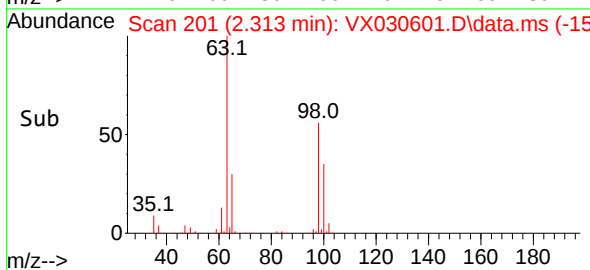
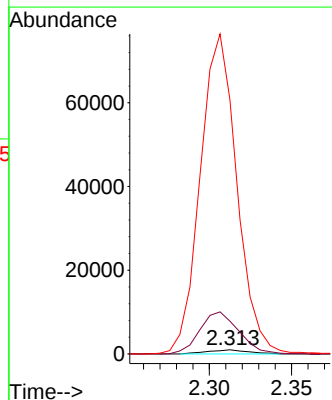
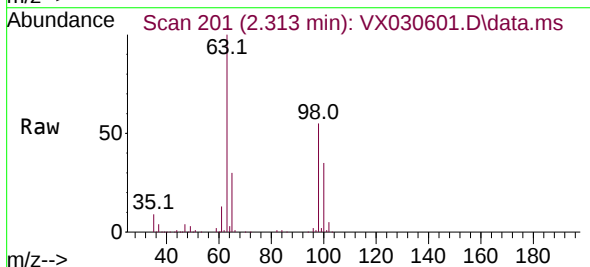
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E42

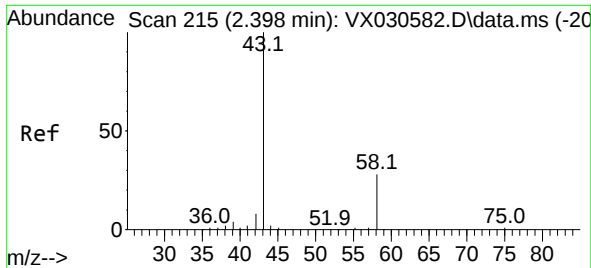
Tgt Ion: 62 Resp: 387226
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 1.303 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030601.D
 Acq: 12 Aug 2022 17:55

Tgt Ion: 96 Resp: 1721
 Ion Ratio Lower Upper
 96 100
 61 773.7 130.2 241.8#
 63 5990.9 113.5 210.9#

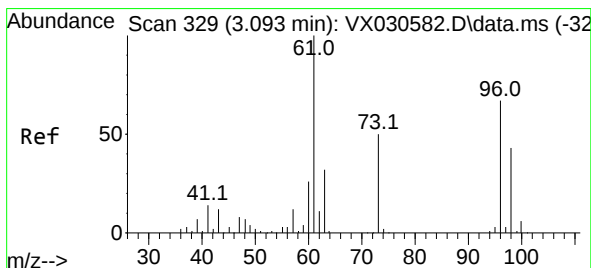
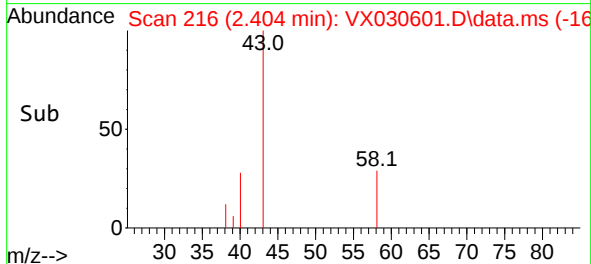
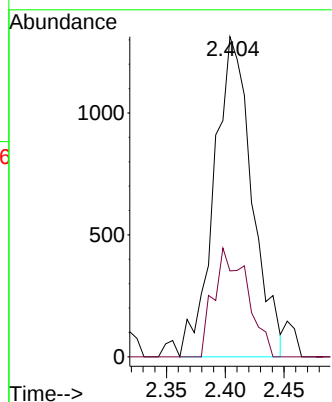
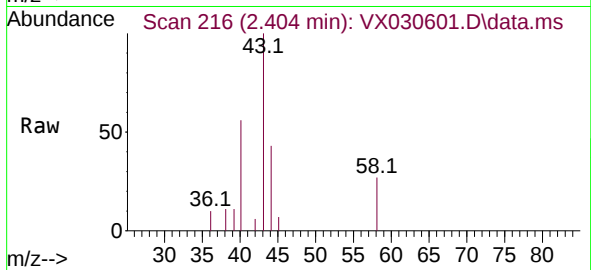




#13
Acetone
Concen: 2.862 ug/L
RT: 2.404 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX030601.D
Acq: 12 Aug 2022 17:55

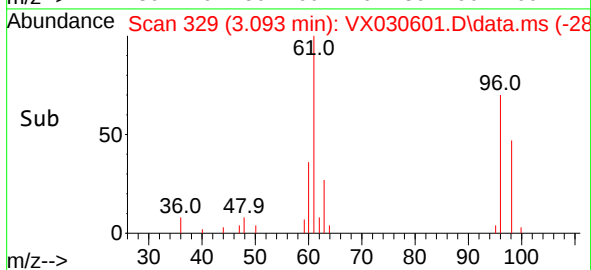
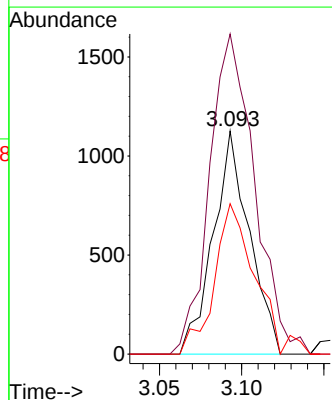
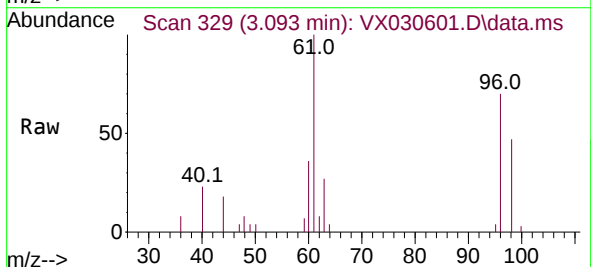
Instrument :
MSVOA_X
ClientSampleId :
F5E42

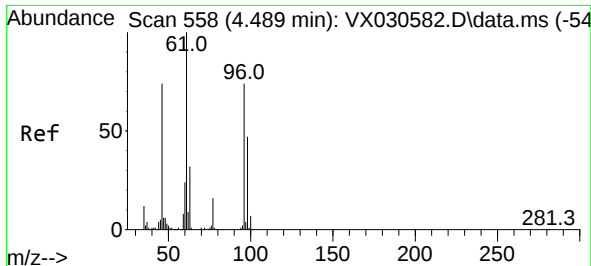
Tgt Ion: 43 Resp: 2946
Ion Ratio Lower Upper
43 100
58 15.9 0.0 57.8



#17
trans-1,2-Dichloroethene
Concen: 1.124 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX030601.D
Acq: 12 Aug 2022 17:55

Tgt Ion: 96 Resp: 1720
Ion Ratio Lower Upper
96 100
61 143.5 103.7 192.5
98 67.4 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 42.498 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030601.D

Acq: 12 Aug 2022 17:55

Instrument :

MSVOA_X

ClientSampleId :

F5E42

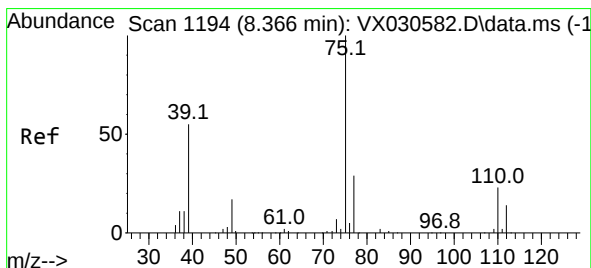
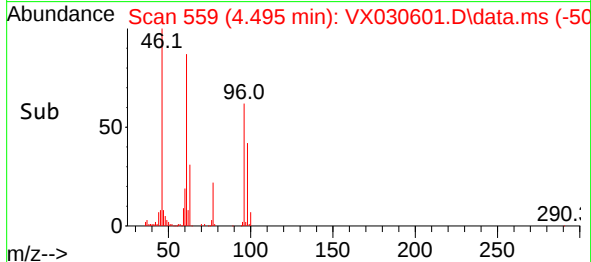
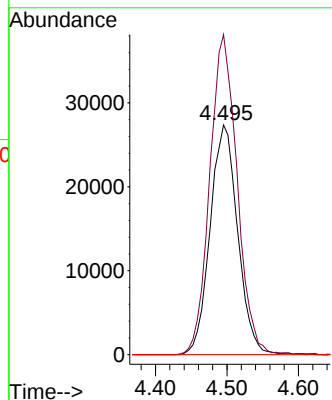
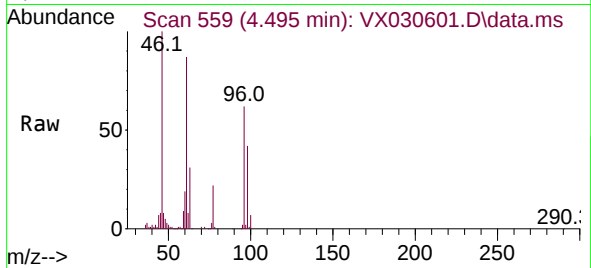
Tgt Ion: 96 Resp: 73173

Ion Ratio Lower Upper

96 100

61 139.3 94.0 174.6

68 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 1.211 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030601.D

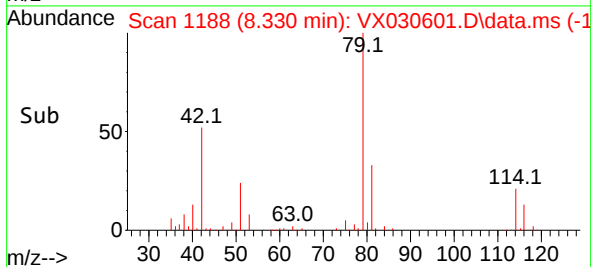
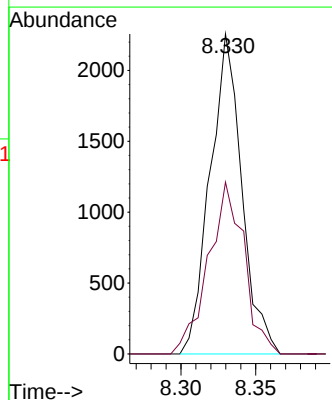
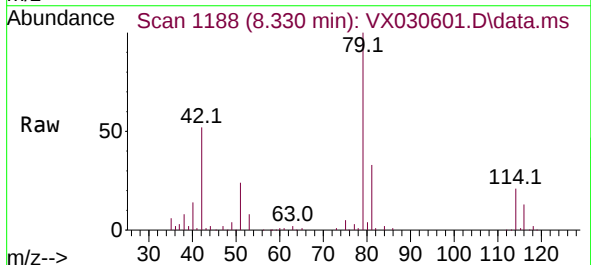
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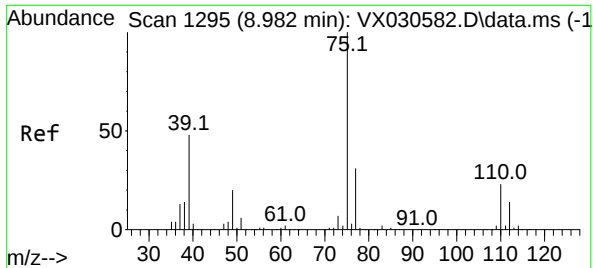
Tgt Ion: 75 Resp: 3333

Ion Ratio Lower Upper

75 100

77 53.7 22.4 41.6#





#44
 trans-1,3-Dichloropropene
 Concen: 0.943 ug/L
 RT: 8.958 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX030601.D
 Acq: 12 Aug 2022 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E42

Tgt Ion: 75 Resp: 2542
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.5 41.7

