

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030604.D
 Acq On : 12 Aug 2022 19:05
 Operator : JC/MD
 Sample : N4131-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D90DL

Quant Time: Aug 12 23:32:49 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

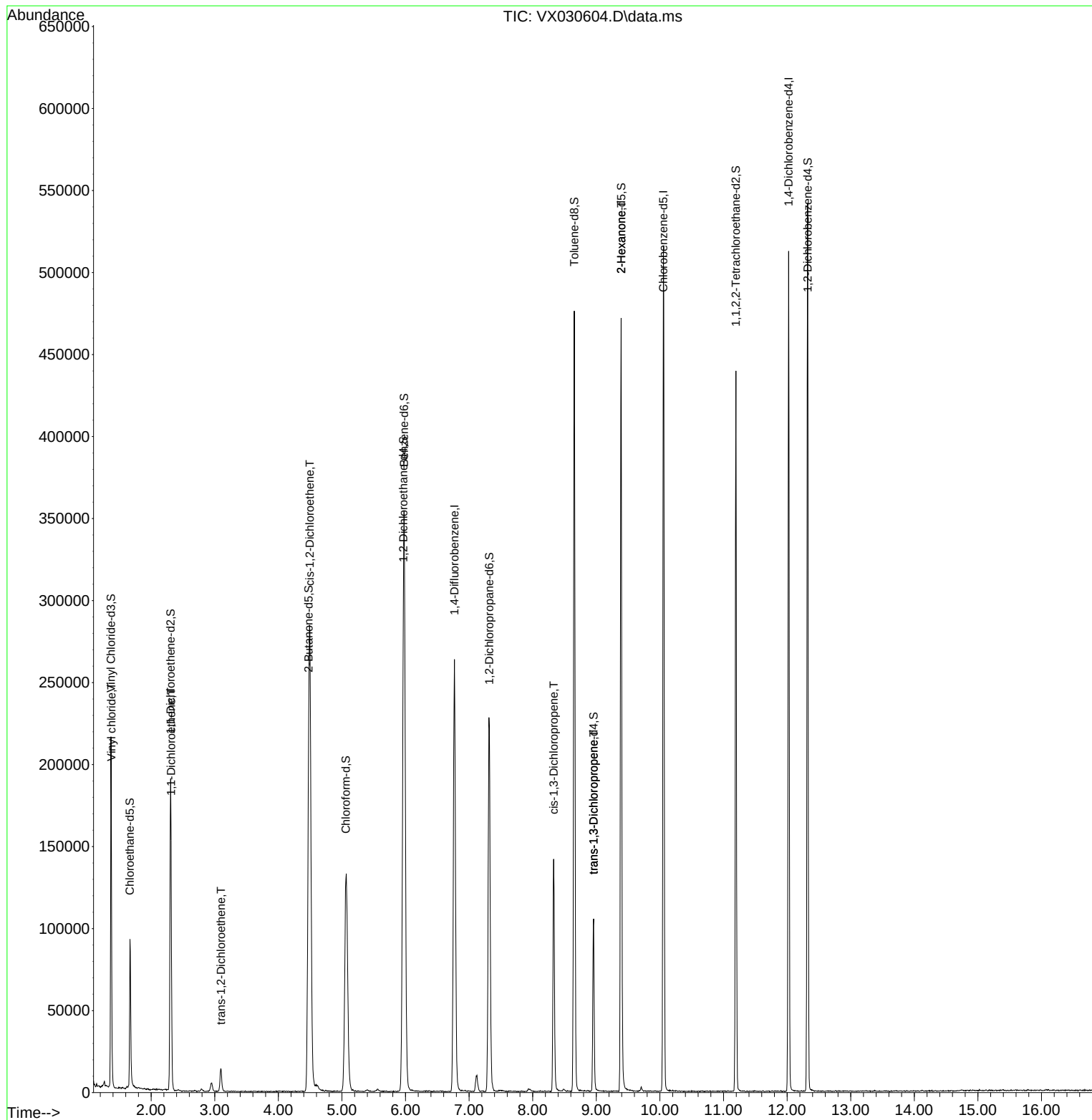
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	240182	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	217789	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93425	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	62324	40.407	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	80.820%	
7) Chloroethane-d5	1.666	69	54858	50.453	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.900%	
11) 1,1-Dichloroethene-d2	2.306	63	106713	36.575	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.160%	
21) 2-Butanone-d5	4.477	46	202731	141.857	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	141.860%#	
24) Chloroform-d	5.062	84	167480	52.748	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.500%	
26) 1,2-Dichloroethane-d4	5.964	65	126669	58.755	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	117.500%	
32) Benzene-d6	5.976	84	311028	49.856	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.720%	
36) 1,2-Dichloropropane-d6	7.318	67	112679	55.670	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	111.340%	
41) Toluene-d8	8.653	98	266603	45.337	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.680%	
43) trans-1,3-Dichloroprop...	8.958	79	47220	46.895	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.800%	
47) 2-Hexanone-d5	9.390	63	125780	121.916	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	121.920%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	156565	58.883	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	117.760%	
66) 1,2-Dichlorobenzene-d4	12.323	152	101656	56.099	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.200%	
Target Compounds						
5) Vinyl chloride	1.374	62	74948	45.151	ug/L	98
12) 1,1-Dichloroethene	2.312	96	1771	1.317	ug/L #	1
17) trans-1,2-Dichloroethene	3.099	96	5336	3.426	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	122386	69.856	ug/L	98
39) cis-1,3-Dichloropropene	8.330	75	3571	1.289	ug/L #	59
44) trans-1,3-Dichloropropene	8.958	75	2444	0.902	ug/L	86
48) 2-Hexanone	9.390	43	18176	7.235	ug/L #	72

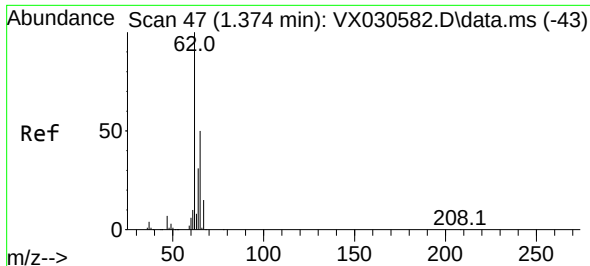
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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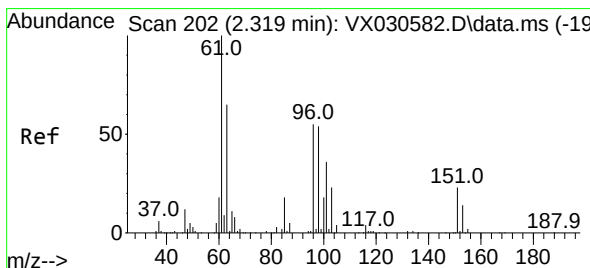
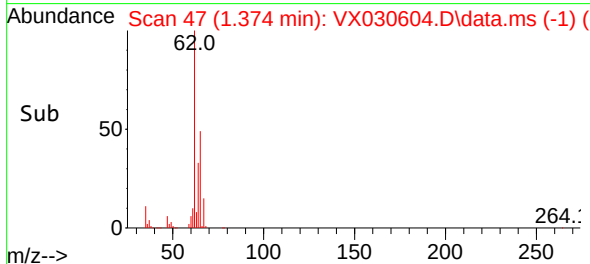
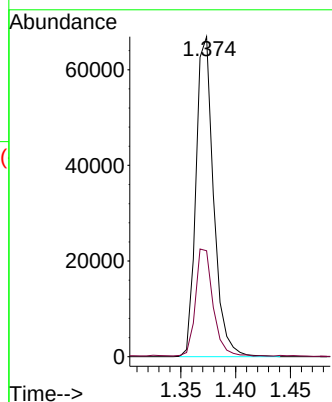
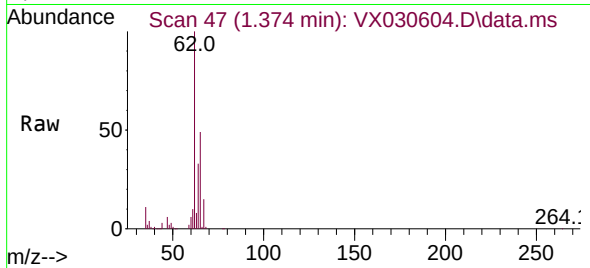




#5
 Vinyl chloride
 Concen: 45.151 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030604.D
 Acq: 12 Aug 2022 19:05

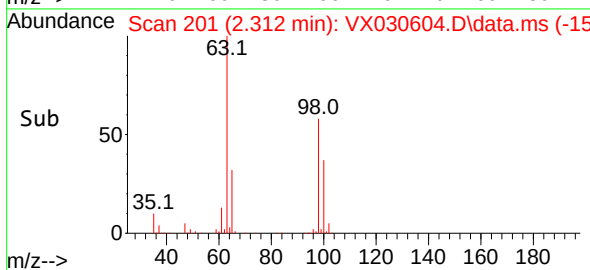
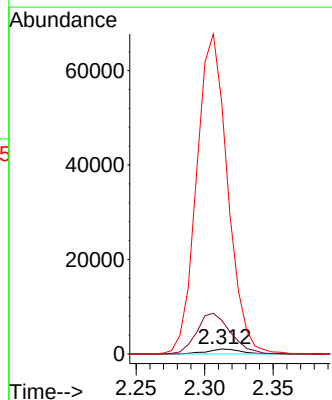
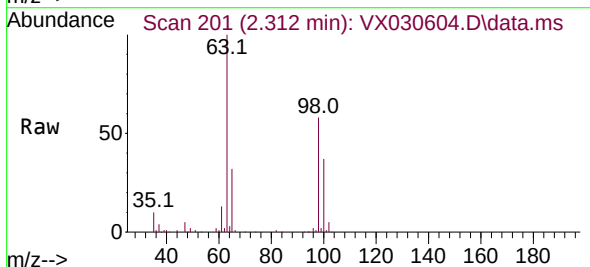
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D90DL

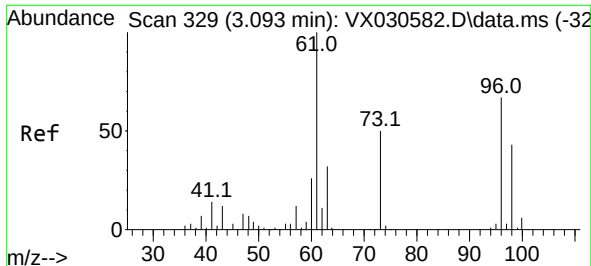
Tgt Ion: 62 Resp: 74948
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 1.317 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030604.D
 Acq: 12 Aug 2022 19:05

Tgt Ion: 96 Resp: 1771
 Ion Ratio Lower Upper
 96 100
 61 677.4 130.2 241.8#
 63 5066.9 113.5 210.9#





#17

trans-1,2-Dichloroethene

Concen: 3.426 ug/L

RT: 3.099 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX030604.D

Acq: 12 Aug 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

F5D90DL

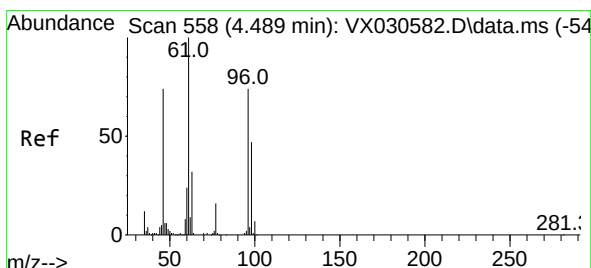
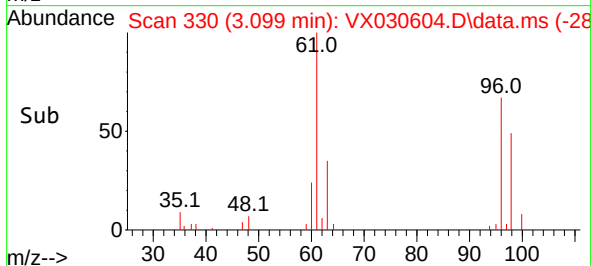
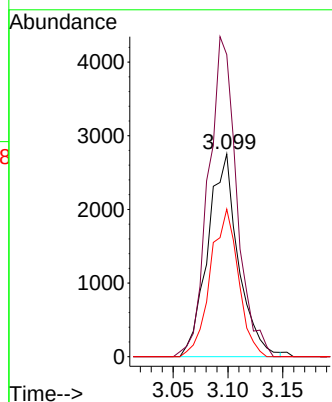
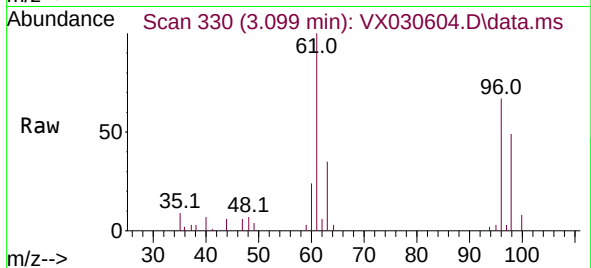
Tgt Ion: 96 Resp: 5336

Ion Ratio Lower Upper

96 100

61 149.1 103.7 192.5

98 72.8 41.5 77.1



#20

cis-1,2-Dichloroethene

Concen: 69.856 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030604.D

Acq: 12 Aug 2022 19:05

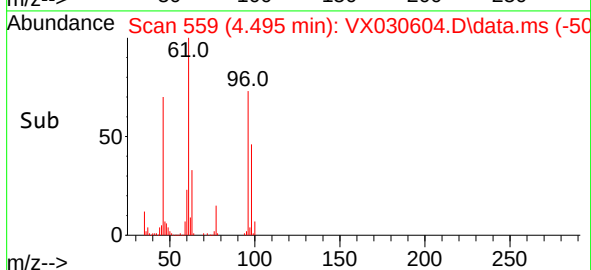
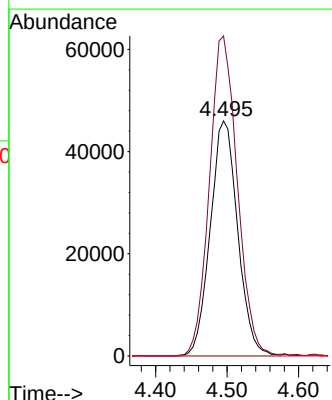
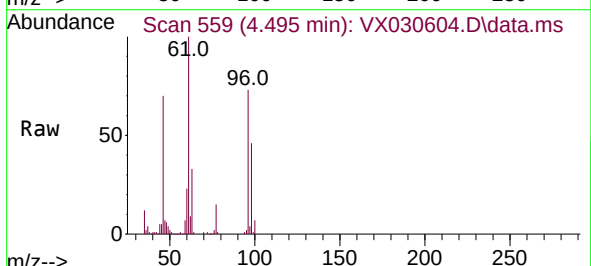
Tgt Ion: 96 Resp: 122386

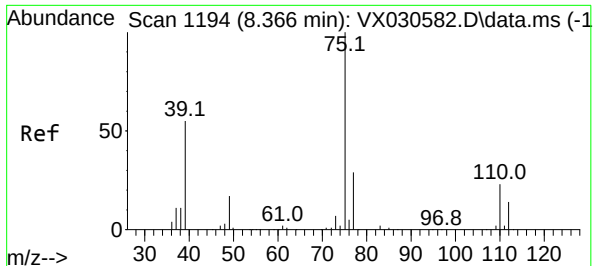
Ion Ratio Lower Upper

96 100

61 136.1 94.0 174.6

68 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 1.289 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX030604.D

Acq: 12 Aug 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

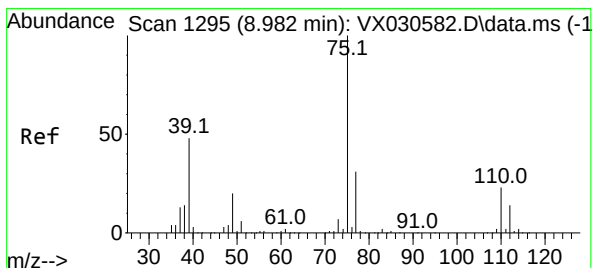
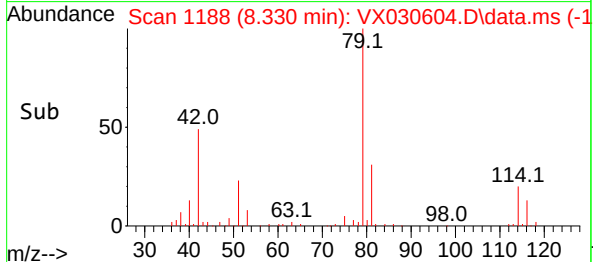
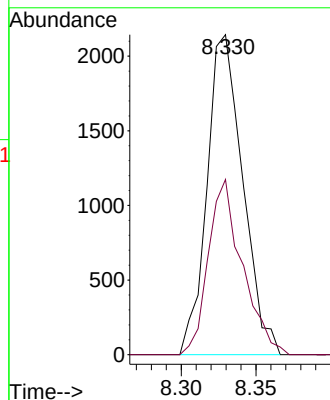
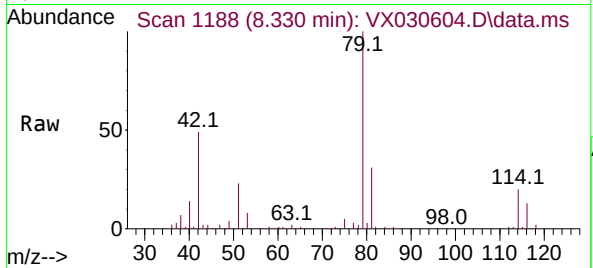
F5D90DL

Tgt Ion: 75 Resp: 3571

Ion Ratio Lower Upper

75 100

77 54.8 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.902 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX030604.D

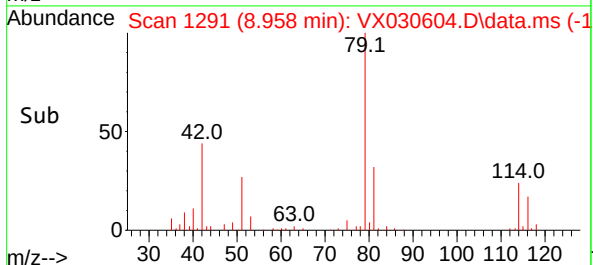
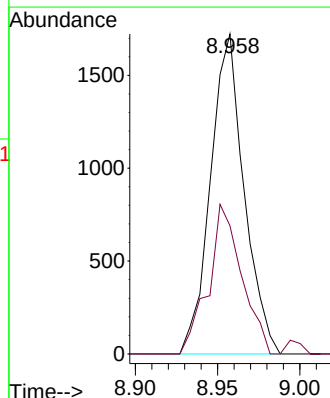
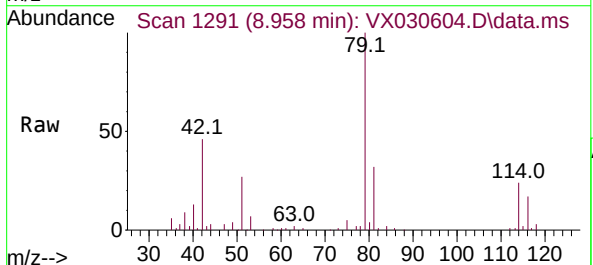
Acq: 12 Aug 2022 19:05

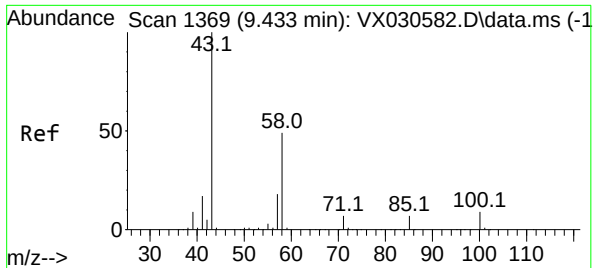
Tgt Ion: 75 Resp: 2444

Ion Ratio Lower Upper

75 100

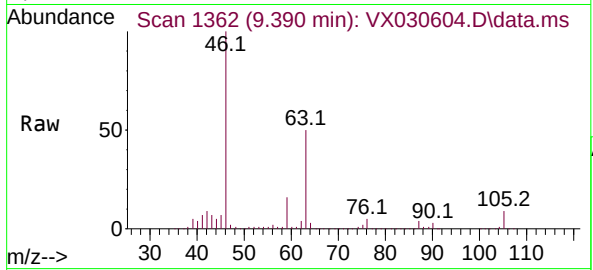
77 40.0 22.5 41.7





#48
 2-Hexanone
 Concen: 7.235 ug/L
 RT: 9.390 min Scan# 11
 Delta R.T. -0.043 min
 Lab File: VX030604.D
 Acq: 12 Aug 2022 19:05

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 MSVOA_X
 ClientSampleId :
 F5D90DL



Tgt Ion: 43	Resp: 18176
Ion Ratio	Lower Upper
43 100	
58 24.9	40.4 60.6#
57 21.7	14.6 22.0
100 1.9	8.2 12.4#

