

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030487.D
 Acq On : 07 Aug 2022 00:55
 Operator : JC/MD
 Sample : N4021-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 05:47:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

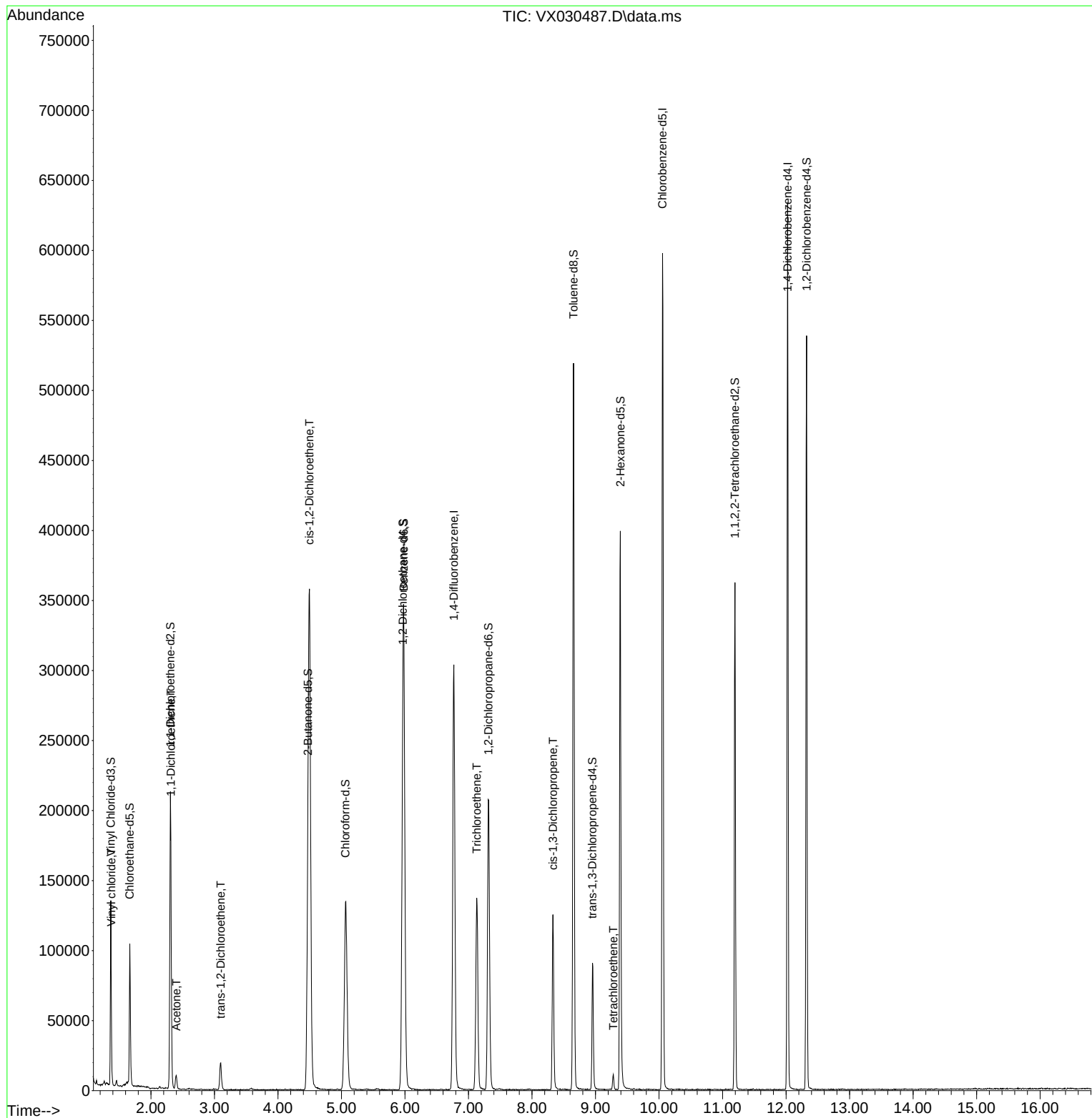
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	288502	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	257112	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	74230	40.066	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.140%
7) Chloroethane-d5	1.666	69	58476	44.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.540%
11) 1,1-Dichloroethene-d2	2.306	63	115739	33.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.060%
21) 2-Butanone-d5	4.471	46	163927	95.494	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.490%
24) Chloroform-d	5.062	84	161706	42.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.964	65	116042	44.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.620%
32) Benzene-d6	5.982	84	319227	43.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.680%
36) 1,2-Dichloropropane-d6	7.311	67	106524	44.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.160%
41) Toluene-d8	8.653	98	286673	41.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.580%
43) trans-1,3-Dichloroprop...	8.951	79	41256	34.706	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.420%
47) 2-Hexanone-d5	9.390	63	107880	88.574	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.570%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	136934	43.623	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.240%
66) 1,2-Dichlorobenzene-d4	12.323	152	98195	44.565	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.140%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	5041	2.528	ug/L #	79
12) 1,1-Dichloroethene	2.312	96	2275	1.409	ug/L #	1
13) Acetone	2.398	43	11979	9.521	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	7243	3.872	ug/L	82
20) cis-1,2-Dichloroethene	4.495	96	184167	87.514	ug/L	99
34) Trichloroethene	7.129	95	52243	21.881	ug/L	88
39) cis-1,3-Dichloropropene	8.330	75	2837	0.868	ug/L #	70
46) Tetrachloroethene	9.281	164	1842	1.221	ug/L	91

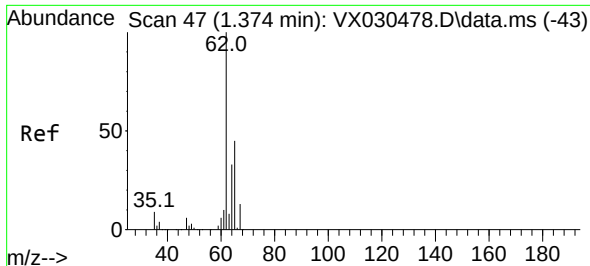
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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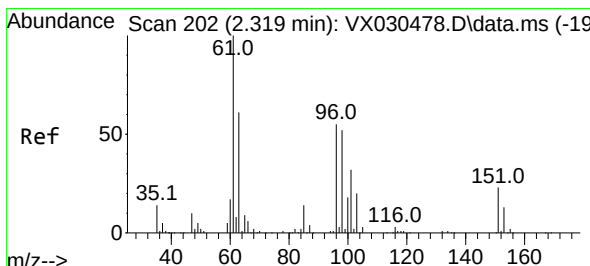
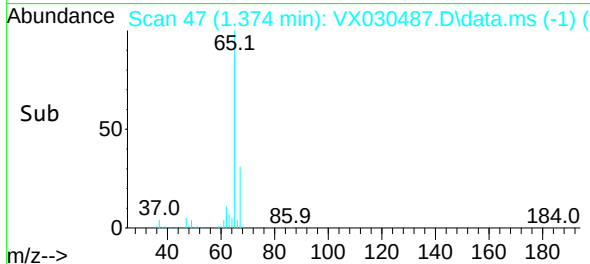
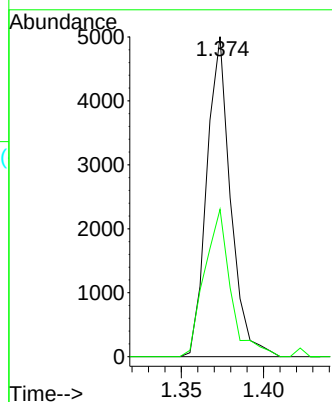
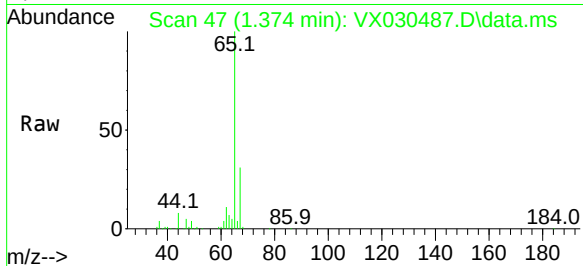




#5
 Vinyl chloride
 Concen: 2.528 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030487.D
 Acq: 07 Aug 2022 00:55

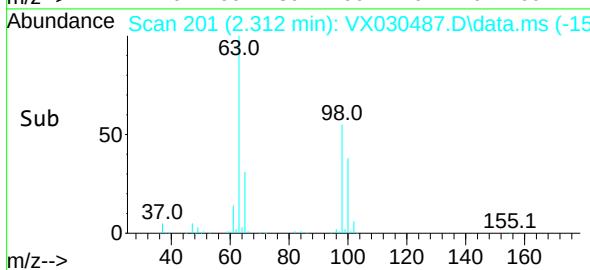
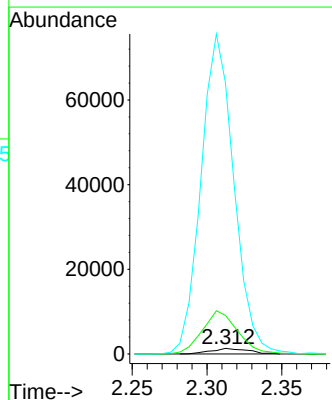
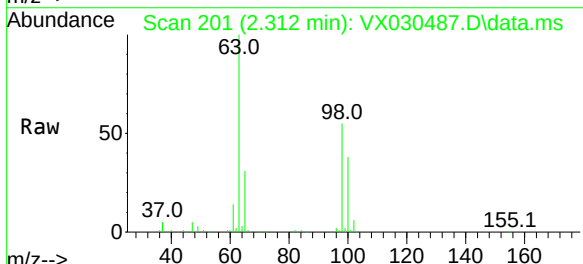
Instrument :
 MSVOA_X
 ClientSampleId :

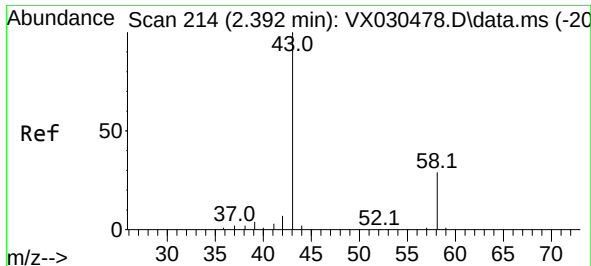
Tgt Ion: 62 Resp: 5041
 Ion Ratio Lower Upper
 62 100
 64 46.0 23.8 44.2#



#12
 1,1-Dichloroethene
 Concen: 1.409 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030487.D
 Acq: 07 Aug 2022 00:55

Tgt Ion: 96 Resp: 2275
 Ion Ratio Lower Upper
 96 100
 61 698.1 130.2 241.8#
 63 4896.6 113.5 210.9#





#13

Acetone

Concen: 9.521 ug/L

RT: 2.398 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030487.D

Acq: 07 Aug 2022 00:55

Instrument :

MSVOA_X

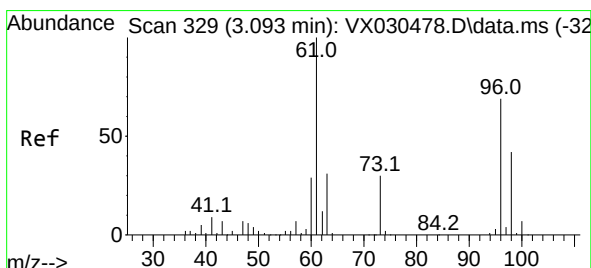
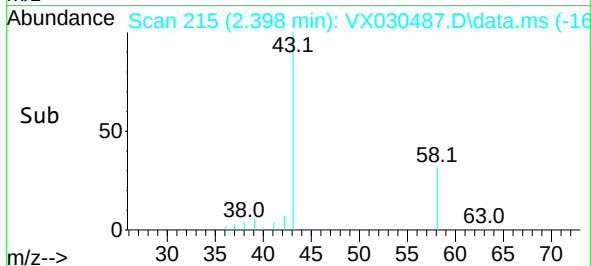
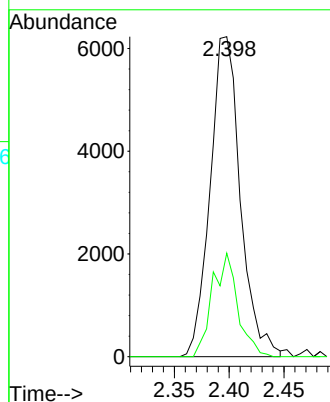
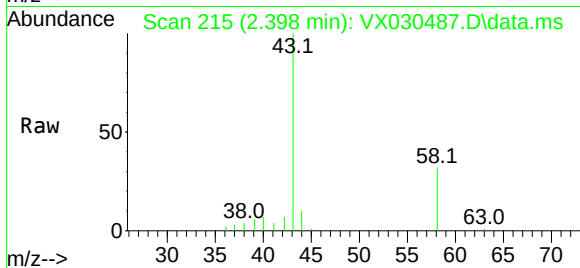
ClientSampleId :

Tgt Ion: 43 Resp: 11979

Ion Ratio Lower Upper

43 100

58 27.1 0.0 57.8



#17

trans-1,2-Dichloroethene

Concen: 3.872 ug/L

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX030487.D

Acq: 07 Aug 2022 00:55

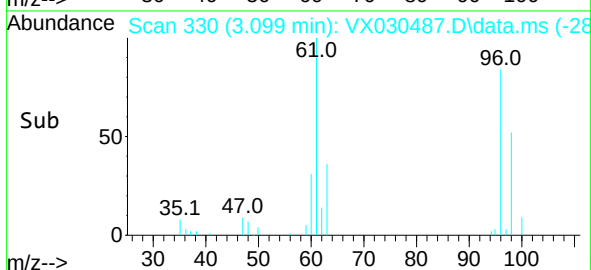
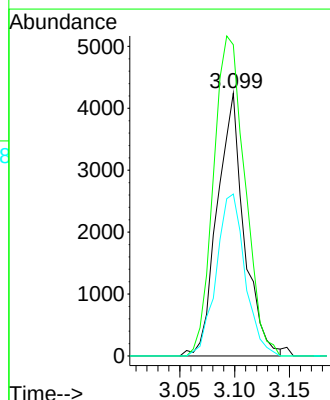
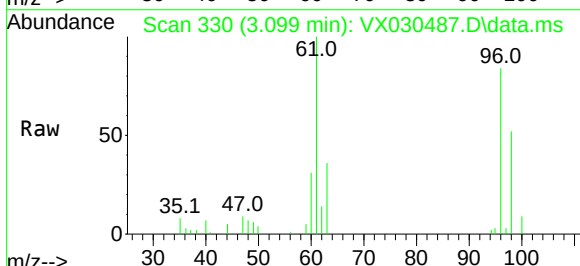
Tgt Ion: 96 Resp: 7243

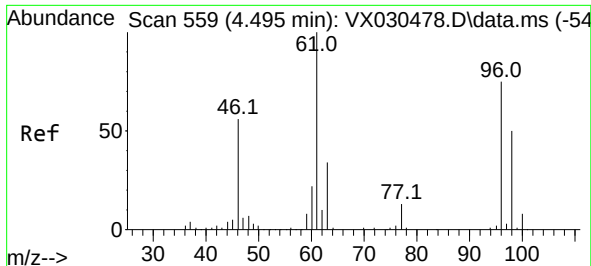
Ion Ratio Lower Upper

96 100

61 118.4 103.7 192.5

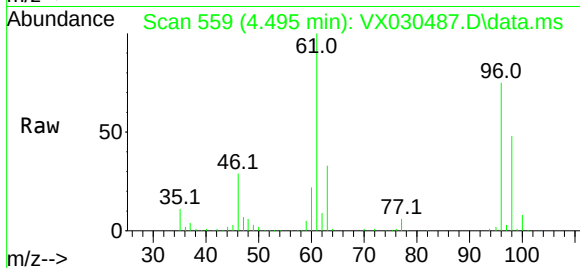
98 61.6 41.5 77.1





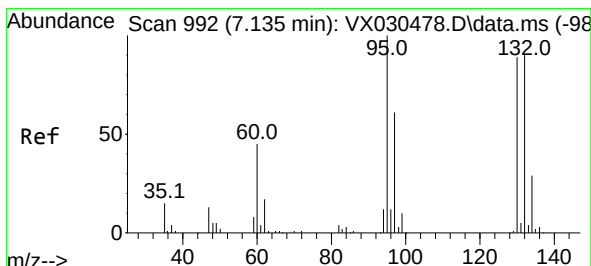
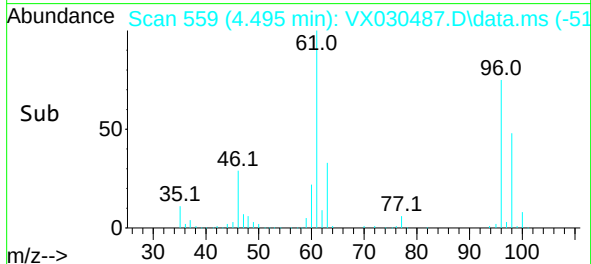
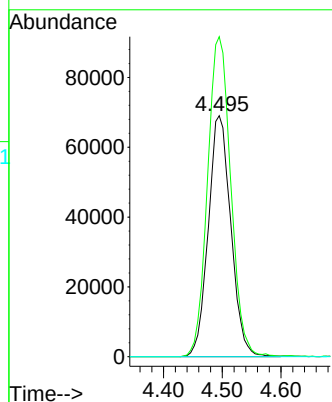
#20
 cis-1,2-Dichloroethene
 Concen: 87.514 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX030487.D
 Acq: 07 Aug 2022 00:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 184167

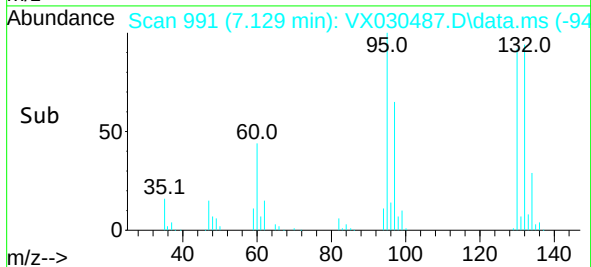
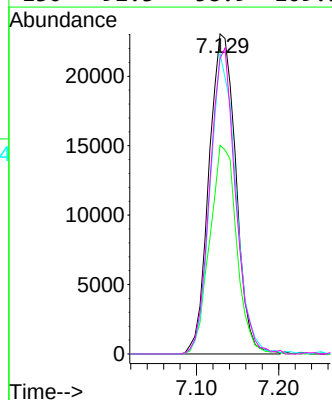
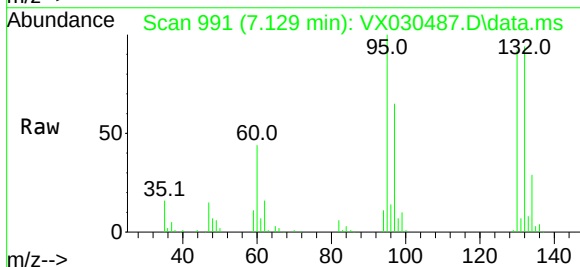
Ion	Ratio	Lower	Upper
96	100		
61	132.8	94.0	174.6
68	0.0	0.0	0.0

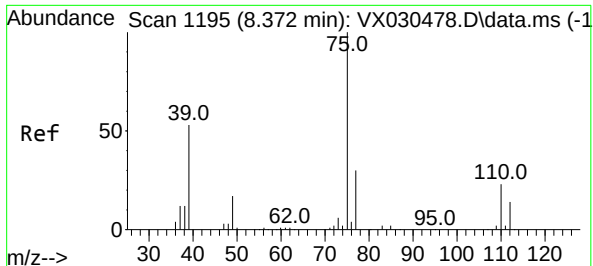


#34
 Trichloroethene
 Concen: 21.881 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030487.D
 Acq: 07 Aug 2022 00:55

Tgt Ion: 95 Resp: 52243

Ion	Ratio	Lower	Upper
95	100		
97	65.2	40.2	74.6
132	93.8	55.3	102.7
130	92.3	58.9	109.5





#39

cis-1,3-Dichloropropene

Concen: 0.868 ug/L

RT: 8.330 min Scan# 1195

Delta R.T. -0.043 min

Lab File: VX030487.D

Acq: 07 Aug 2022 00:55

Instrument :

MSVOA_X

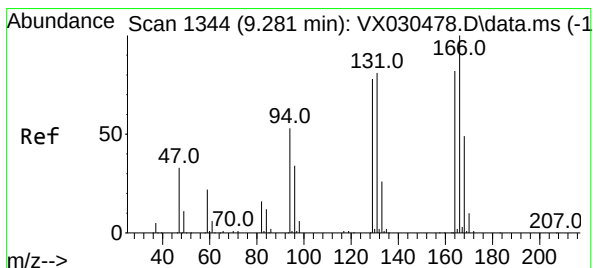
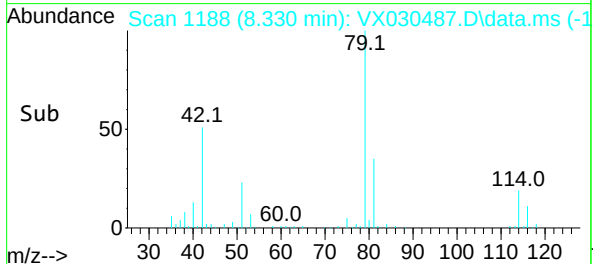
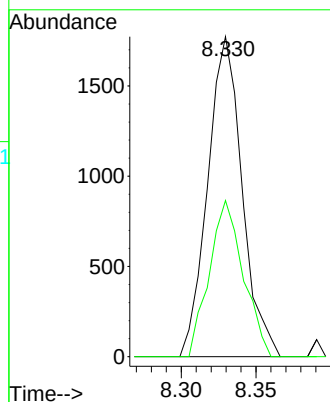
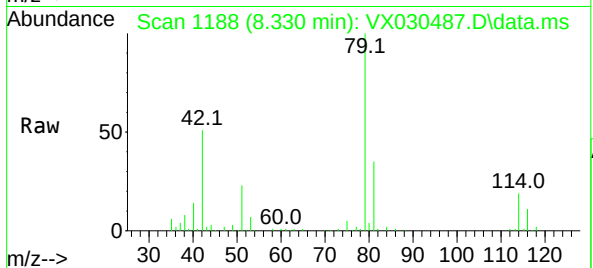
ClientSampleId :

Tgt Ion: 75 Resp: 2837

Ion Ratio Lower Upper

75 100

77 48.8 22.4 41.6#



#46

Tetrachloroethene

Concen: 1.221 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX030487.D

Acq: 07 Aug 2022 00:55

Tgt Ion:164 Resp: 1842

Ion Ratio Lower Upper

164 100

129 98.0 72.7 135.1

131 99.5 69.9 129.9

166 104.7 88.3 164.1

