

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030588.D
 Acq On : 12 Aug 2022 12:50
 Operator : JC/MD
 Sample : N4144-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EY161

Quant Time: Aug 12 23:29:48 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)

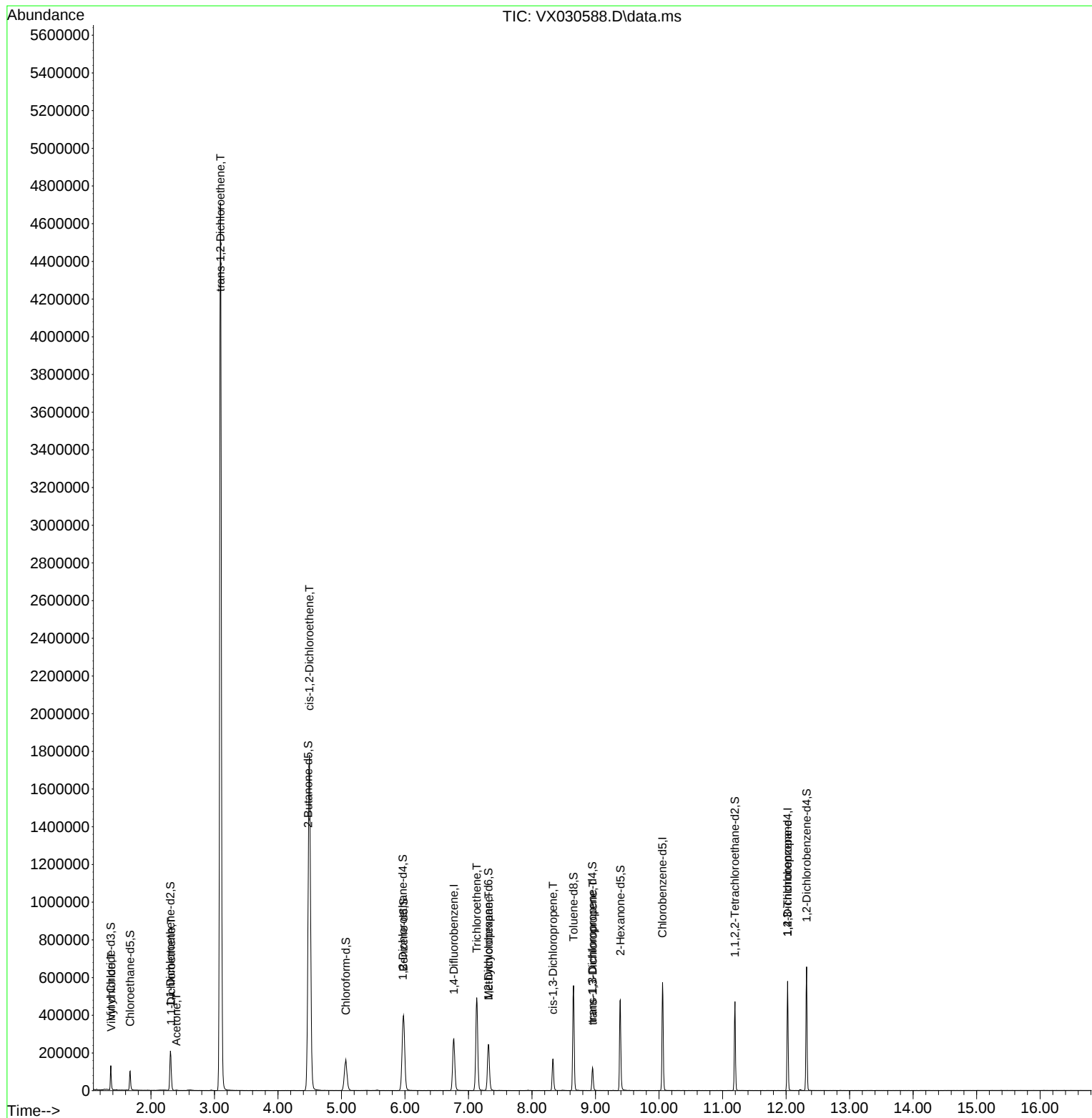
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	264317	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239586	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	74658	43.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.960%
7) Chloroethane-d5	1.672	69	64636	54.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.040%
11) 1,1-Dichloroethene-d2	2.306	63	118077	36.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.540%
21) 2-Butanone-d5	4.477	46	210005	133.529	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.530%#
24) Chloroform-d	5.068	84	194273	55.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.200%
26) 1,2-Dichloroethane-d4	5.964	65	141869	59.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.600%
32) Benzene-d6	5.976	84	360382	52.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.020%
36) 1,2-Dichloropropane-d6	7.311	67	124708	56.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.020%
41) Toluene-d8	8.653	98	317250	49.042	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	8.951	79	56529	51.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.060%
47) 2-Hexanone-d5	9.390	63	134576	118.575	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.570%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	174047	59.502	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	114934	57.805	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.600%
Target Compounds						
5) Vinyl chloride	1.373	62	5696	3.118	ug/L #	63
12) 1,1-Dichloroethene	2.318	96	3421	2.312	ug/L #	1
13) Acetone	2.398	43	3548	3.078	ug/L	66
17) trans-1,2-Dichloroethene	3.093	96	1774799	1035.517	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	985932	511.372	ug/L	95
34) Trichloroethene	7.129	95	182499	82.029	ug/L	88
35) Methylcyclohexane	7.318	83	28476	8.792	ug/L #	18
39) cis-1,3-Dichloropropene	8.330	75	3968	1.302	ug/L #	79
44) trans-1,3-Dichloropropene	8.957	75	2779	0.932	ug/L	89
61) 1,2,3-Trichloropropane	12.024	75	14352	6.519	ug/L #	66

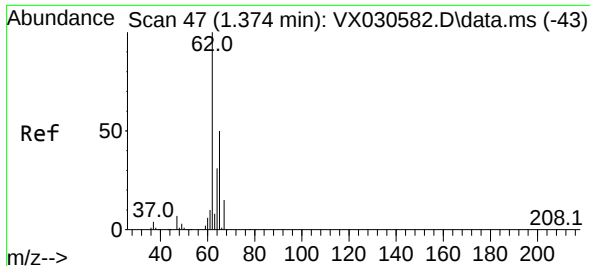
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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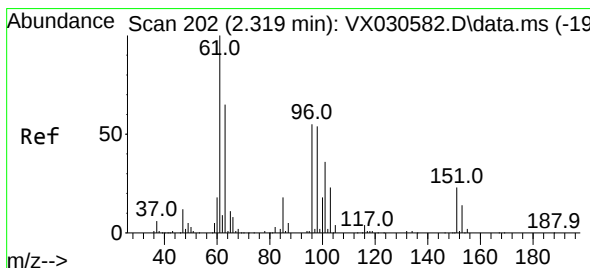
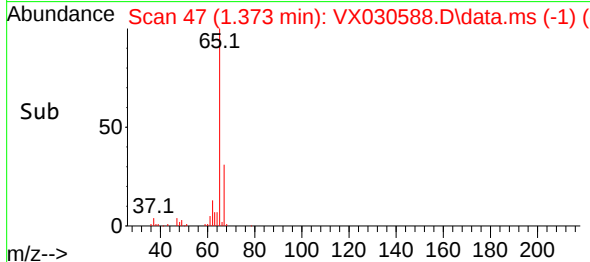
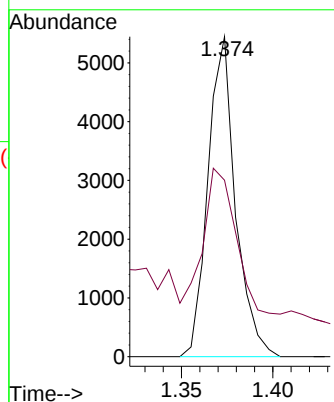
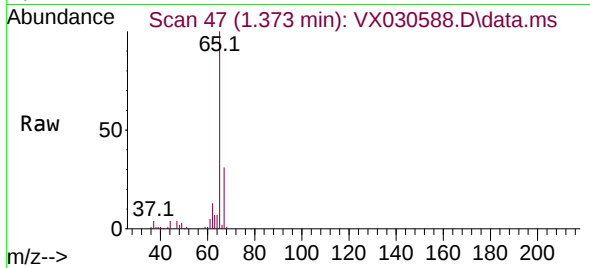




#5
 Vinyl chloride
 Concen: 3.118 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030588.D
 Acq: 12 Aug 2022 12:50

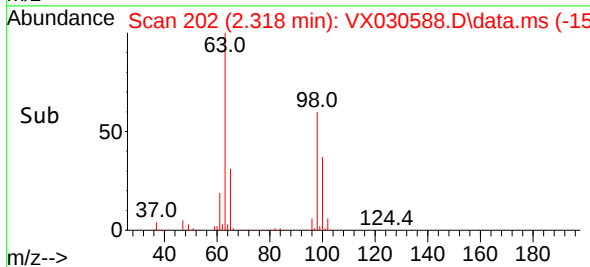
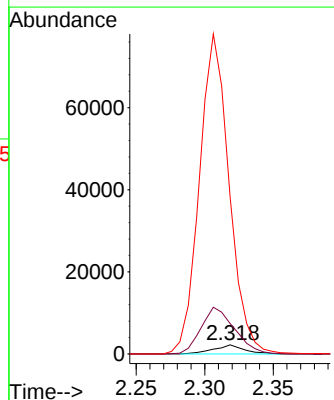
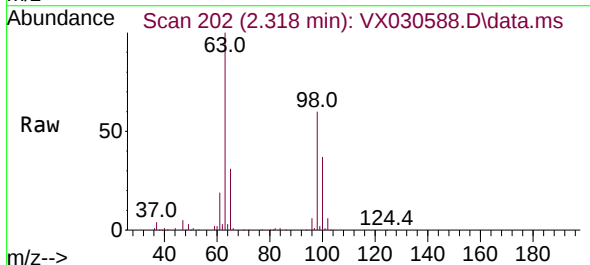
Instrument :
 MSVOA_X
 ClientSampleId :
 EY161

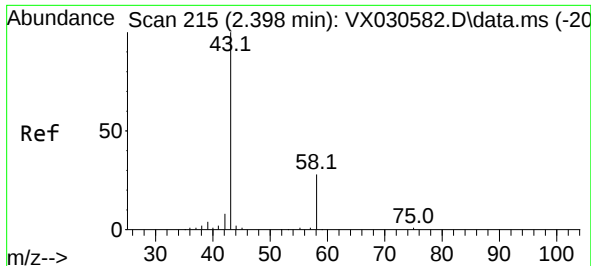
Tgt Ion: 62 Resp: 5696
 Ion Ratio Lower Upper
 62 100
 64 55.1 23.8 44.2#



#12
 1,1-Dichloroethene
 Concen: 2.312 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030588.D
 Acq: 12 Aug 2022 12:50

Tgt Ion: 96 Resp: 3421
 Ion Ratio Lower Upper
 96 100
 61 333.5 130.2 241.8#
 63 1724.1 113.5 210.9#

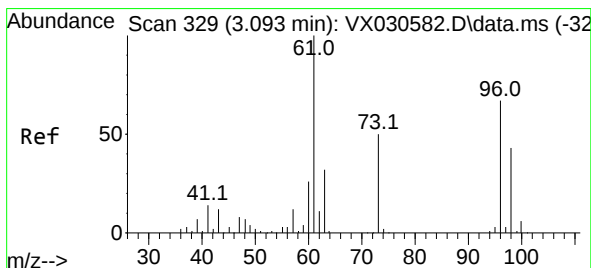
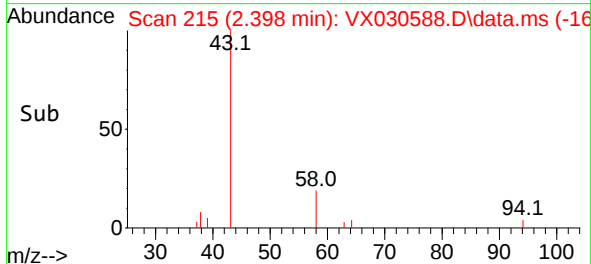
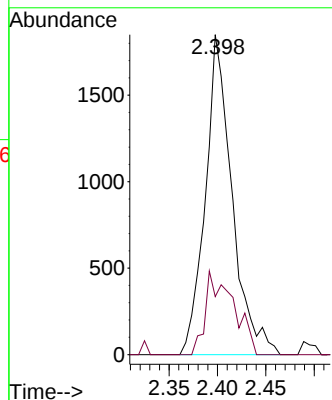
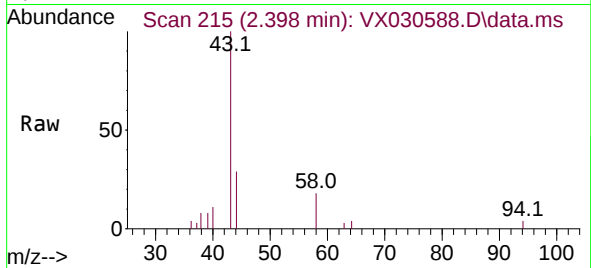




#13
Acetone
Concen: 3.078 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX030588.D
Acq: 12 Aug 2022 12:50

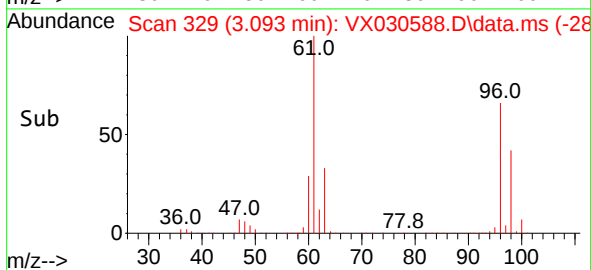
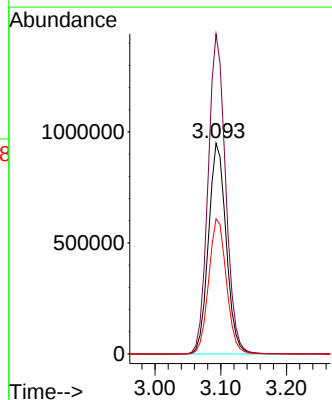
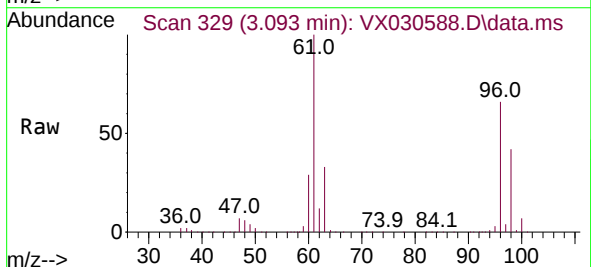
Instrument :
MSVOA_X
ClientSampleId :
EY161

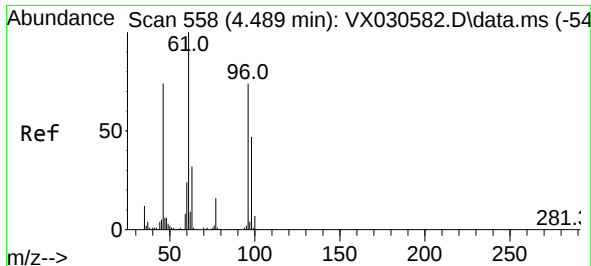
Tgt Ion: 43 Resp: 3548
Ion Ratio Lower Upper
43 100
58 10.8 0.0 57.8



#17
trans-1,2-Dichloroethene
Concen: 1035.517 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030588.D
Acq: 12 Aug 2022 12:50

Tgt Ion: 96 Resp: 1774799
Ion Ratio Lower Upper
96 100
61 151.8 103.7 192.5
98 64.2 41.5 77.1

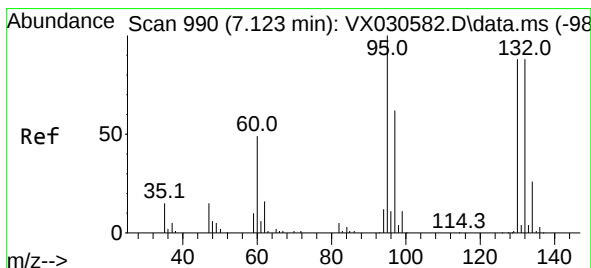
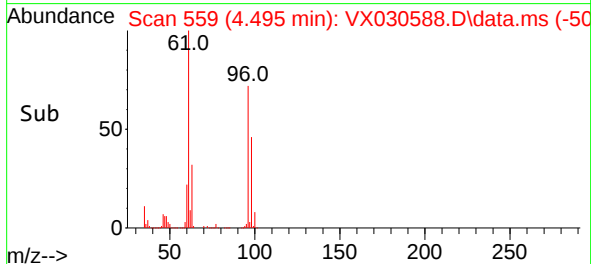
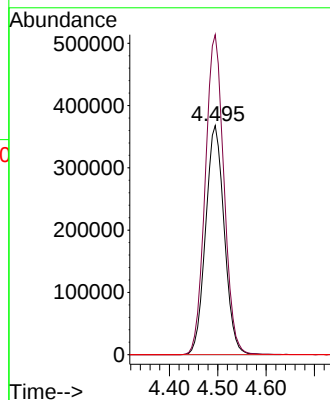
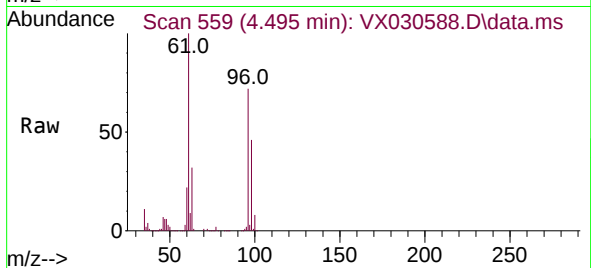




#20
cis-1,2-Dichloroethene
Concen: 511.372 ug/L
RT: 4.495 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX030588.D
Acq: 12 Aug 2022 12:50

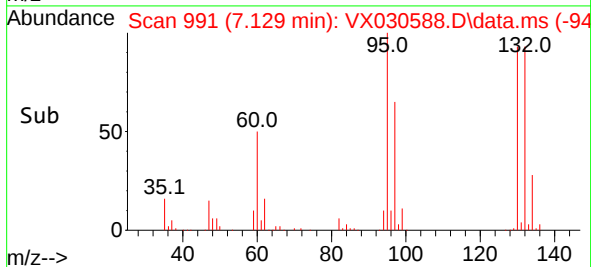
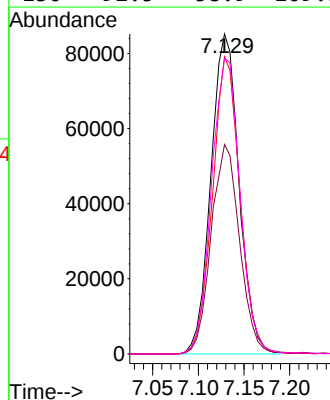
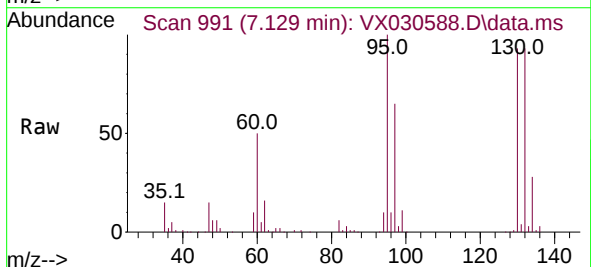
Instrument :
MSVOA_X
ClientSampleId :
EY161

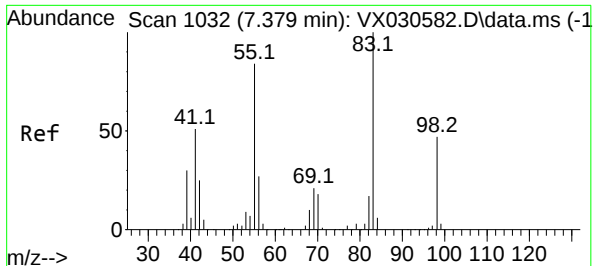
Tgt Ion: 96 Resp: 985932
Ion Ratio Lower Upper
96 100
61 139.7 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 82.029 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030588.D
Acq: 12 Aug 2022 12:50

Tgt Ion: 95 Resp: 182499
Ion Ratio Lower Upper
95 100
97 65.4 40.2 74.6
132 92.9 55.3 102.7
130 92.5 58.9 109.5





#35

Methylcyclohexane

Concen: 8.792 ug/L

RT: 7.318 min Scan# 1188

Delta R.T. -0.061 min

Lab File: VX030588.D

Acq: 12 Aug 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

EY161

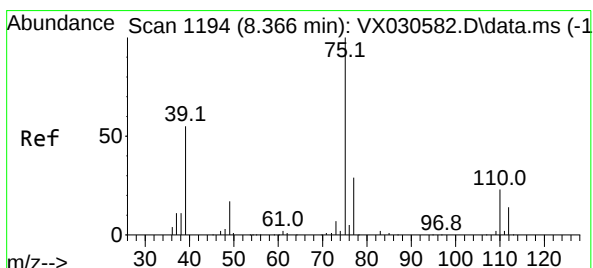
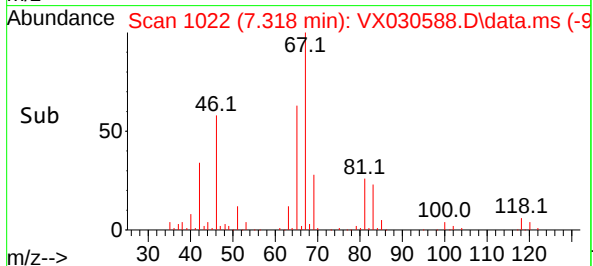
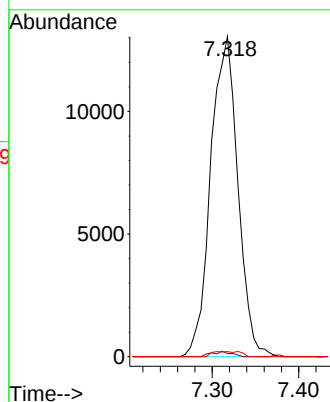
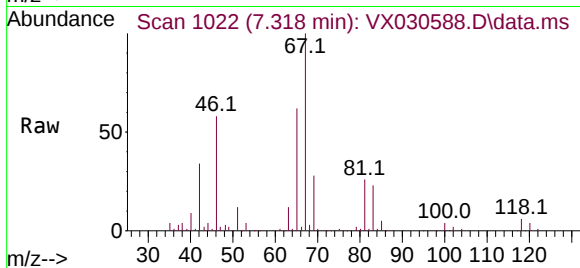
Tgt Ion: 83 Resp: 28476

Ion Ratio Lower Upper

83 100

55 0.7 64.0 96.0#

98 0.7 36.7 55.1#



#39

cis-1,3-Dichloropropene

Concen: 1.302 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030588.D

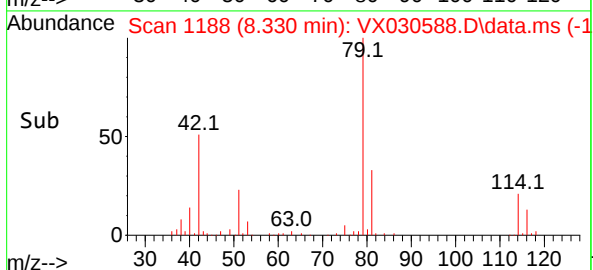
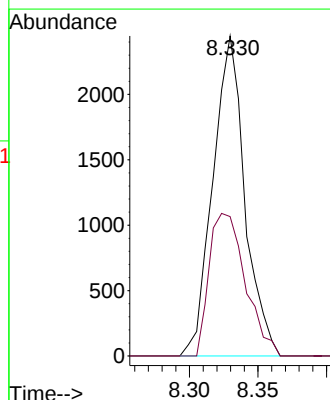
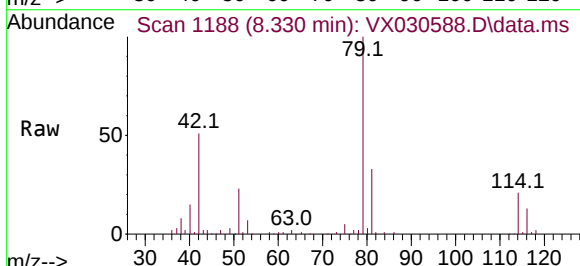
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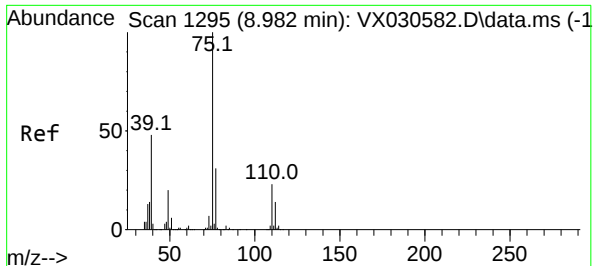
Tgt Ion: 75 Resp: 3968

Ion Ratio Lower Upper

75 100

77 43.6 22.4 41.6#

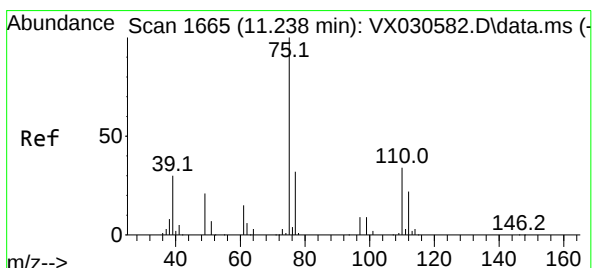
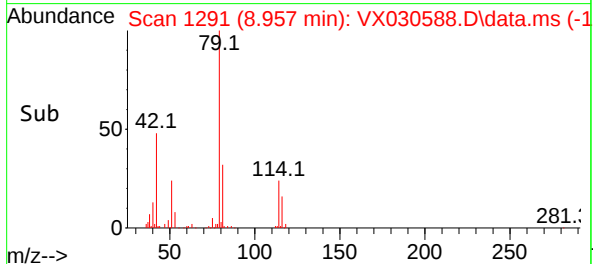
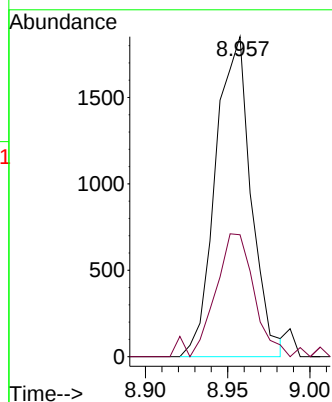
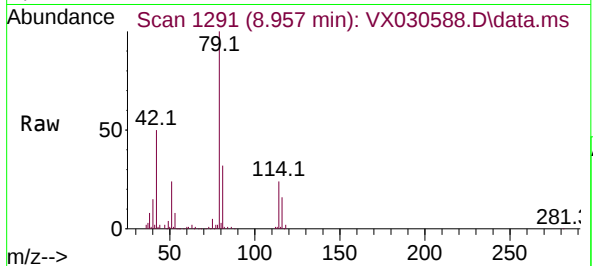




#44
trans-1,3-Dichloropropene
Concen: 0.932 ug/L
RT: 8.957 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX030588.D
Acq: 12 Aug 2022 12:50

Instrument :
MSVOA_X
ClientSampleId :
EY161

Tgt Ion: 75 Resp: 2779
Ion Ratio Lower Upper
75 100
77 38.1 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 6.519 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX030588.D
Acq: 12 Aug 2022 12:50

Tgt Ion: 75 Resp: 14352
Ion Ratio Lower Upper
75 100
77 36.6 26.1 39.1
110 3.6 30.5 45.7#

