

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030519.D
 Acq On : 08 Aug 2022 18:10
 Operator : JC/MD
 Sample : N4066-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 01:07:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

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

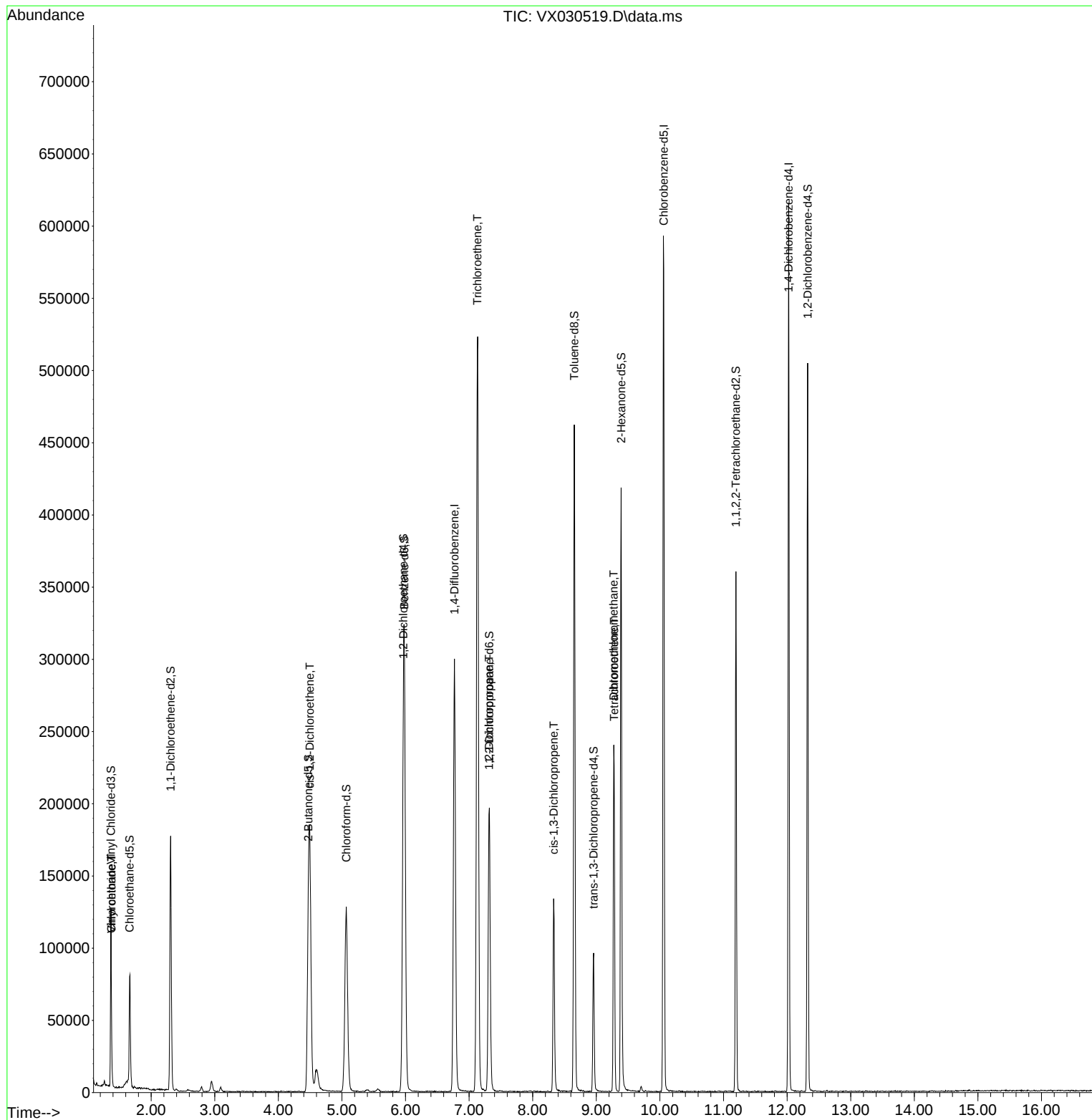
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	280865	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	256176	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111637	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	64571	35.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.600%
7) Chloroethane-d5	1.660	69	53406	42.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.306	63	98358	28.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.660%#
21) 2-Butanone-d5	4.470	46	168888	101.059	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.060%
24) Chloroform-d	5.068	84	154224	41.537	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.080%
26) 1,2-Dichloroethane-d4	5.964	65	110415	43.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.600%
32) Benzene-d6	5.982	84	295018	40.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	7.317	67	99102	41.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.260%
41) Toluene-d8	8.653	98	259099	37.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.920%#
43) trans-1,3-Dichloroprop...	8.957	79	43858	37.030	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.060%
47) 2-Hexanone-d5	9.390	63	109934	90.590	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.590%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	135890	43.449	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.900%
66) 1,2-Dichlorobenzene-d4	12.323	152	91491	42.253	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.500%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	12353	6.364	ug/L	91
8) Chloroethane	1.373	64	4477	4.049	ug/L	83
20) cis-1,2-Dichloroethene	4.495	96	77067	37.617	ug/L	99
34) Trichloroethene	7.128	95	200567	84.312	ug/L	88
37) 1,2-Dichloropropane	7.311	63	11766	5.388	ug/L #	91
39) cis-1,3-Dichloropropene	8.329	75	3364	1.033	ug/L #	66
46) Tetrachloroethene	9.280	164	41860	27.843	ug/L	94
49) Dibromochloromethane	9.274	129	43012	19.909	ug/L #	10

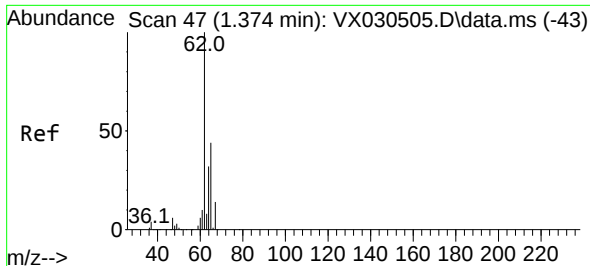
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 09 00:14:16 2022
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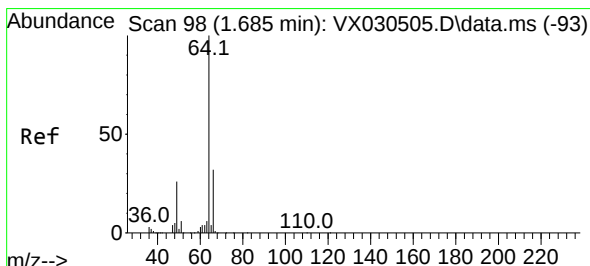
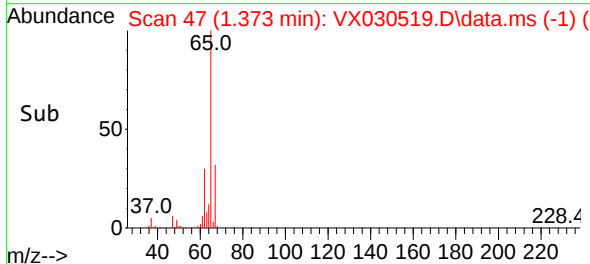
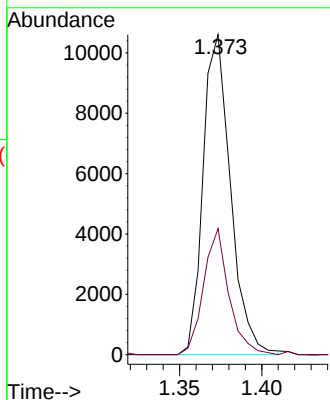
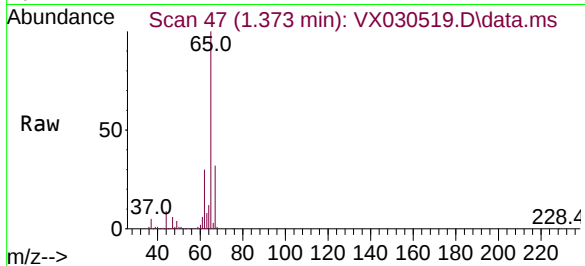




#5
 Vinyl chloride
 Concen: 6.364 ug/L
 RT: 1.373 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX030519.D
 Acq: 08 Aug 2022 18:10

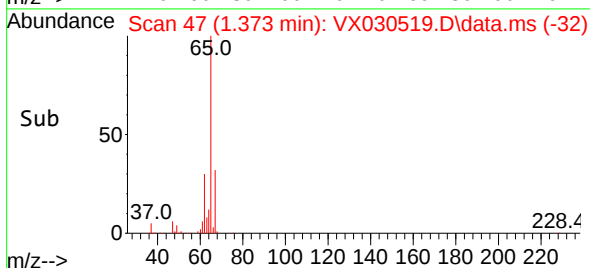
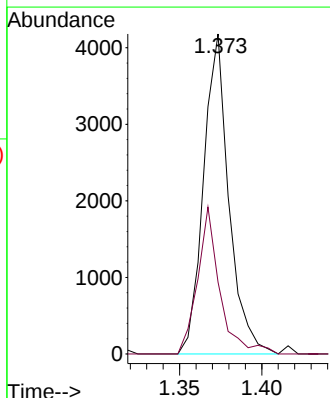
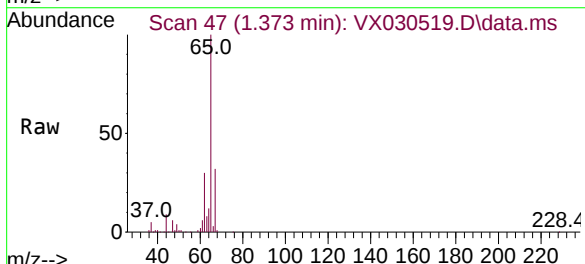
Instrument :
 MSVOA_X
 ClientSampleId :

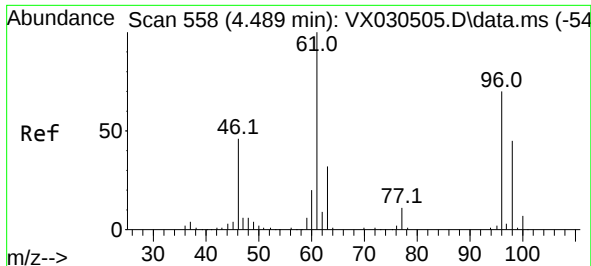
Tgt Ion: 62 Resp: 12353
 Ion Ratio Lower Upper
 62 100
 64 39.4 23.8 44.2



#8
 Chloroethane
 Concen: 4.049 ug/L
 RT: 1.373 min Scan# 47
 Delta R.T. -0.311 min
 Lab File: VX030519.D
 Acq: 08 Aug 2022 18:10

Tgt Ion: 64 Resp: 4477
 Ion Ratio Lower Upper
 64 100
 66 22.4 22.1 41.1

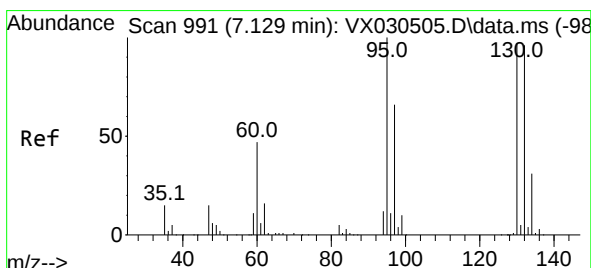
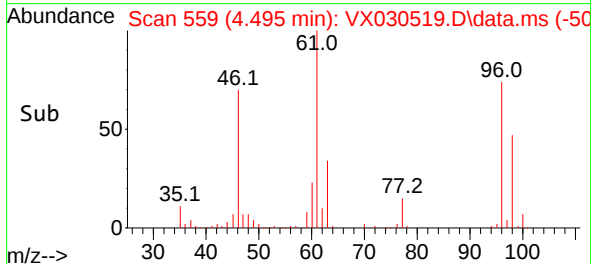
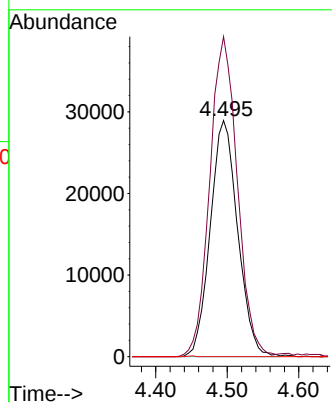
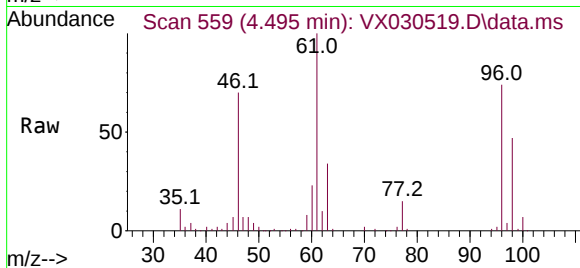




#20
cis-1,2-Dichloroethene
Concen: 37.617 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030519.D
Acq: 08 Aug 2022 18:10

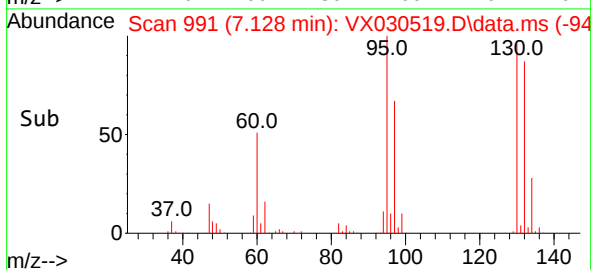
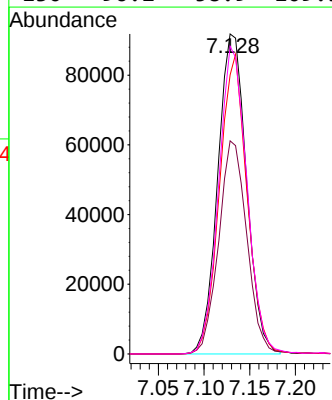
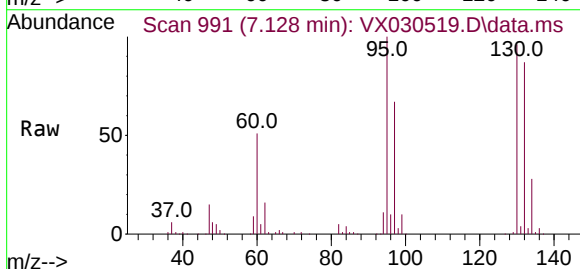
Instrument :
MSVOA_X
ClientSampleId :

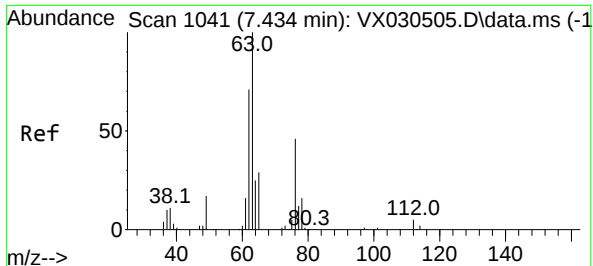
Tgt Ion: 96 Resp: 77067
Ion Ratio Lower Upper
96 100
61 135.5 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 84.312 ug/L
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030519.D
Acq: 08 Aug 2022 18:10

Tgt Ion: 95 Resp: 200567
Ion Ratio Lower Upper
95 100
97 66.6 40.2 74.6
132 87.2 55.3 102.7
130 96.2 58.9 109.5





#37

1,2-Dichloropropane

Concen: 5.388 ug/L

RT: 7.311 min Scan# 11766

Delta R.T. -0.122 min

Lab File: VX030519.D

Acq: 08 Aug 2022 18:10

Instrument :

MSVOA_X

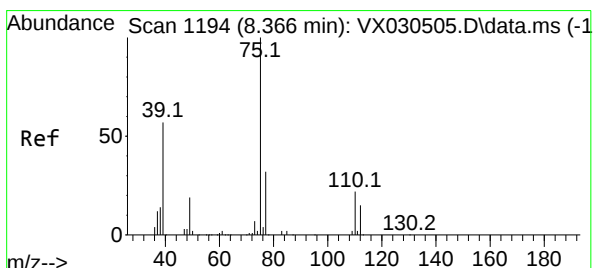
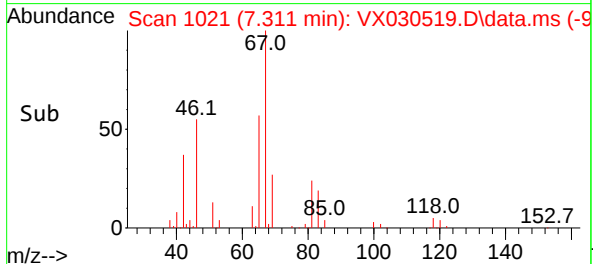
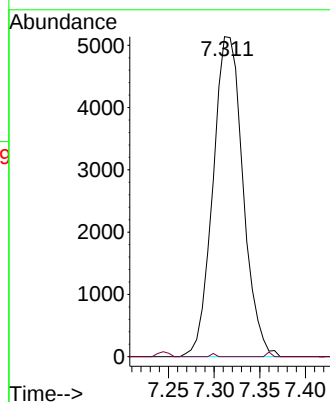
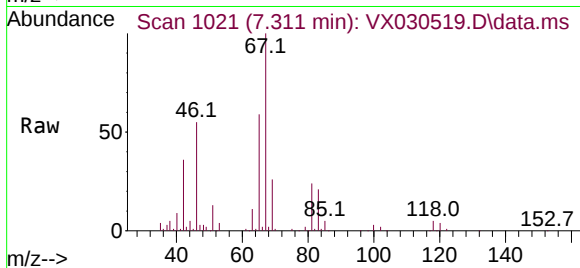
ClientSampleId :

Tgt Ion: 63 Resp: 11766

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 1.033 ug/L

RT: 8.329 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030519.D

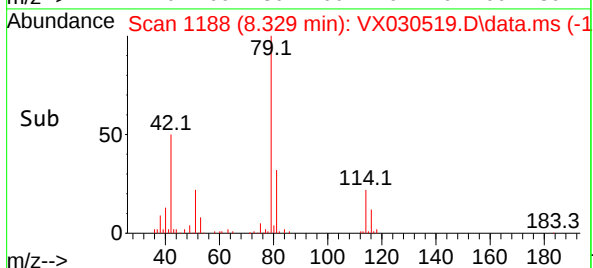
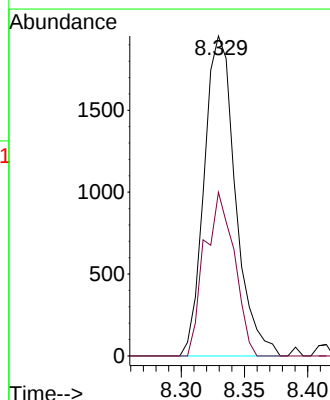
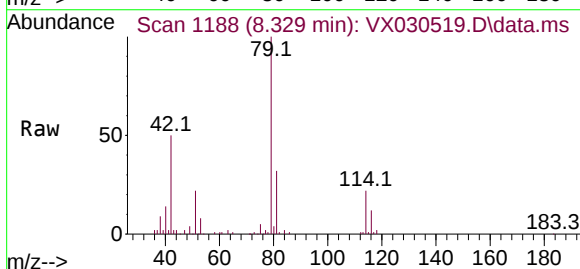
Acq: 08 Aug 2022 18:10

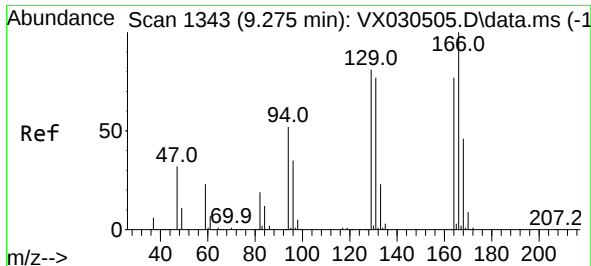
Tgt Ion: 75 Resp: 3364

Ion Ratio Lower Upper

75 100

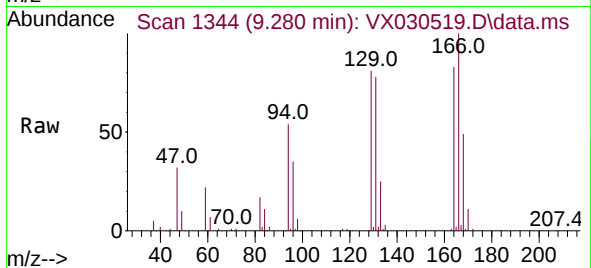
77 51.1 22.4 41.6#



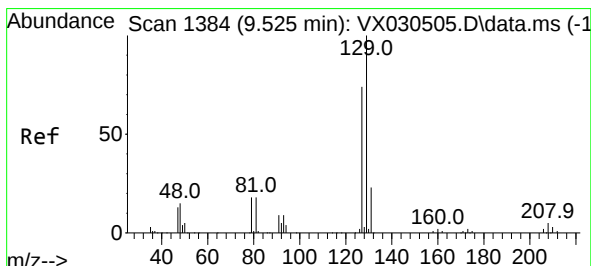
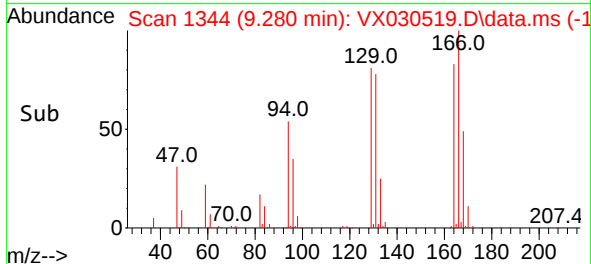
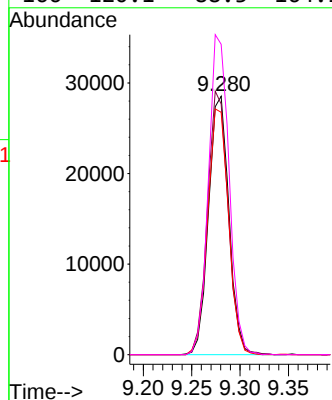


#46
Tetrachloroethene
Concen: 27.843 ug/L
RT: 9.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030519.D
Acq: 08 Aug 2022 18:10

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 41860
Ion Ratio Lower Upper
164 100
129 97.0 72.7 135.1
131 93.8 69.9 129.9
166 120.1 88.3 164.1



#49
Dibromochloromethane
Concen: 19.909 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030519.D
Acq: 08 Aug 2022 18:10

Tgt Ion:129 Resp: 43012
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.2#

