

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030511.D
 Acq On : 08 Aug 2022 14:42
 Operator : JC/MD
 Sample : N4066-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 01:05:48 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)

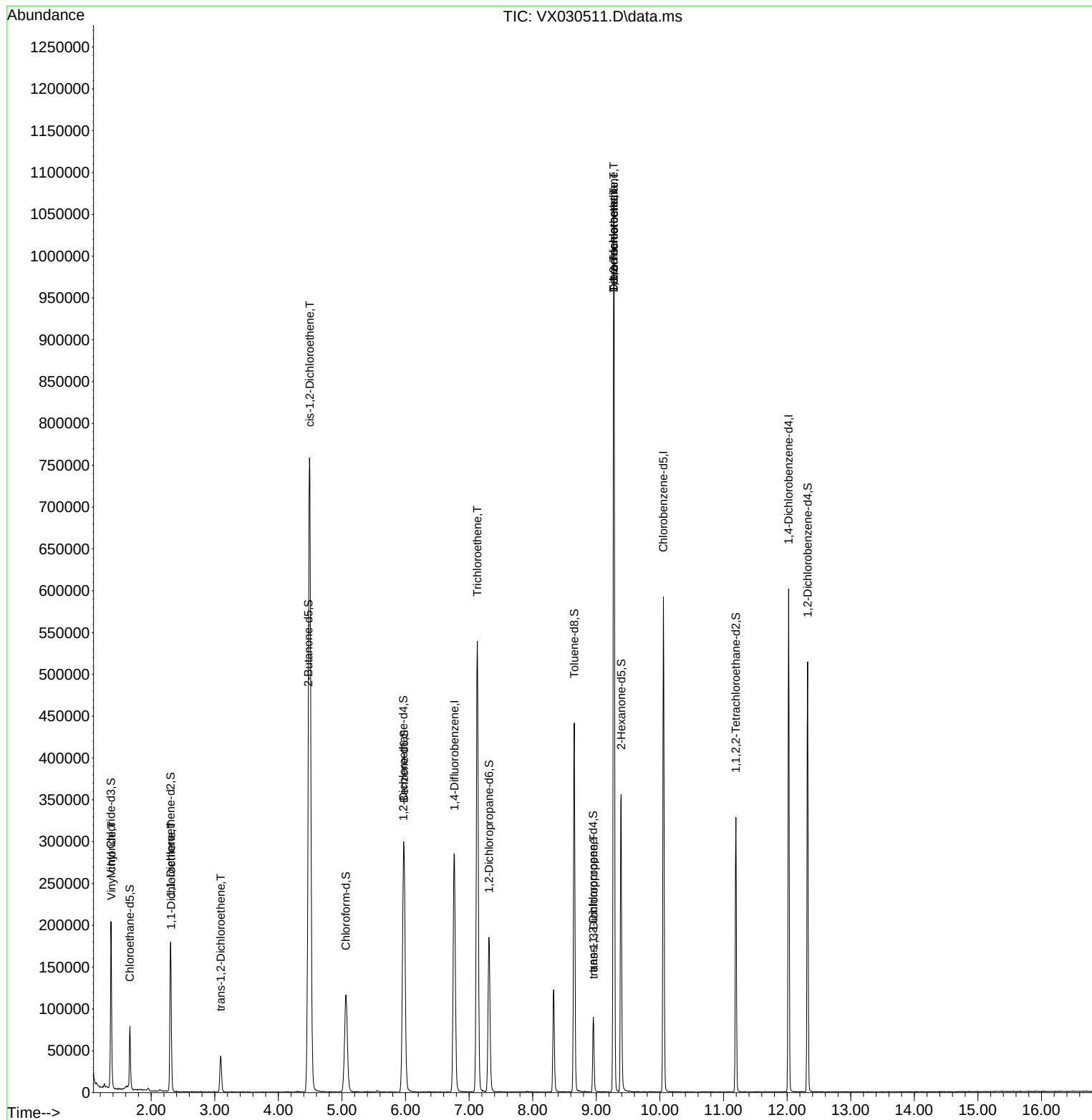
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	279767	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	244836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114008	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60567	33.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.420%
7) Chloroethane-d5	1.666	69	49211	38.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.720%
11) 1,1-Dichloroethene-d2	2.306	63	102884	30.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.540%
21) 2-Butanone-d5	4.471	46	151631	91.089	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.090%
24) Chloroform-d	5.062	84	141021	38.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.260%
26) 1,2-Dichloroethane-d4	5.964	65	103930	41.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.780%
32) Benzene-d6	5.976	84	275688	39.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.620%
36) 1,2-Dichloropropane-d6	7.312	67	91896	40.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.780%
41) Toluene-d8	8.653	98	249583	37.754	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.500%#
43) trans-1,3-Dichloroprop...	8.952	79	41832	36.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.920%
47) 2-Hexanone-d5	9.390	63	96607	83.295	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.290%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	124460	41.637	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.280%
66) 1,2-Dichlorobenzene-d4	12.323	152	92802	41.967	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.940%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	76081	39.348	ug/L	99
12) 1,1-Dichloroethene	2.312	96	2045	1.306	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	16925	9.330	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	423583	207.566	ug/L	100
34) Trichloroethene	7.129	95	204323	89.869	ug/L	91
44) trans-1,3-Dichloropropene	8.958	75	2134	0.700	ug/L	94
45) 1,1,2-Trichloroethane	9.275	97	2081	1.072	ug/L #	21
46) Tetrachloroethene	9.275	164	184403	128.337	ug/L	99
49) Dibromochloromethane	9.275	129	194422	94.163	ug/L #	10

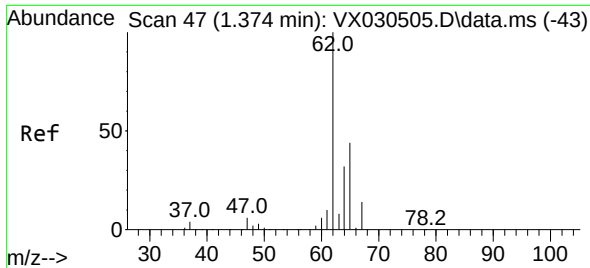
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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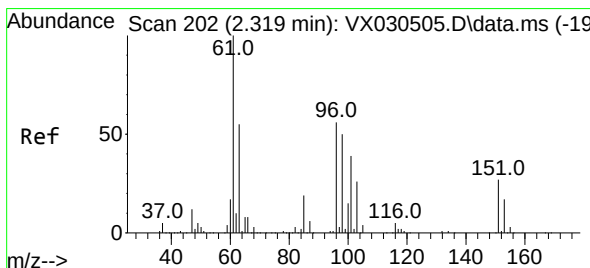
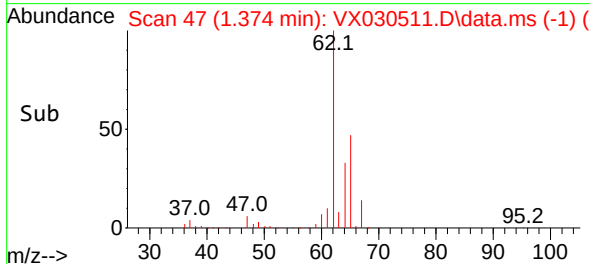
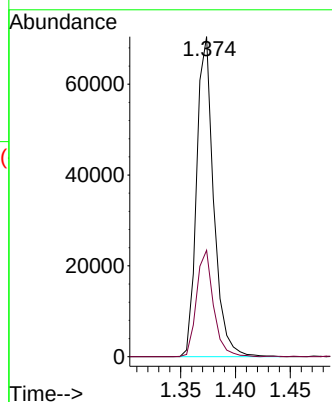
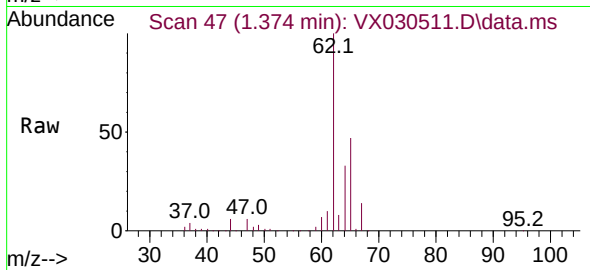




#5
 Vinyl chloride
 Concen: 39.348 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030511.D
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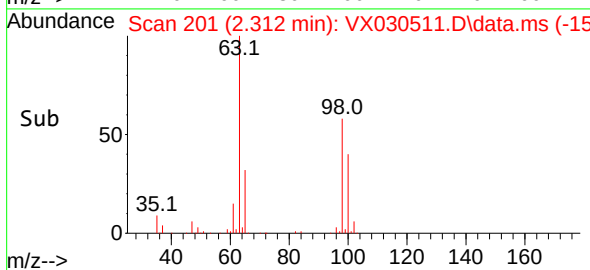
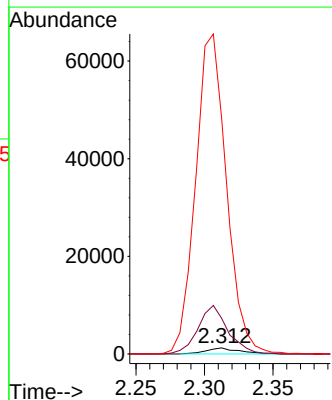
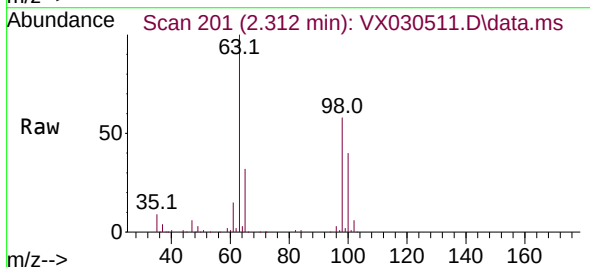
Instrument :
 MSVOA_X
 ClientSampleId :

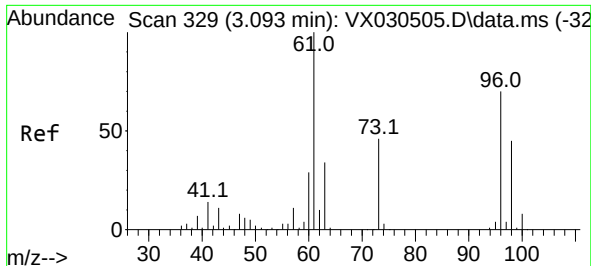
Tgt Ion: 62 Resp: 76081
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 1.306 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030511.D
 Acq: 08 Aug 2022 14:42

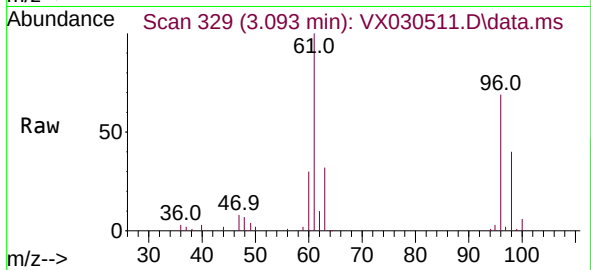
Tgt Ion: 96 Resp: 2045
 Ion Ratio Lower Upper
 96 100
 61 584.9 130.2 241.8#
 63 3864.3 113.5 210.9#



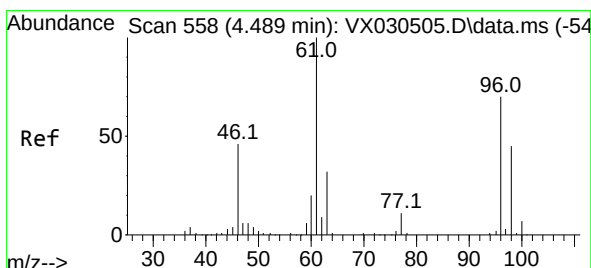
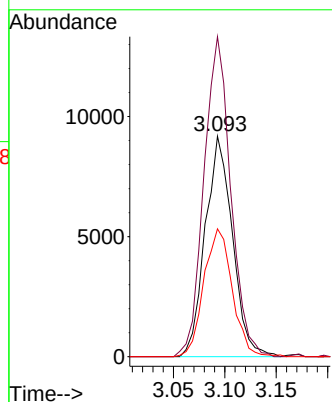
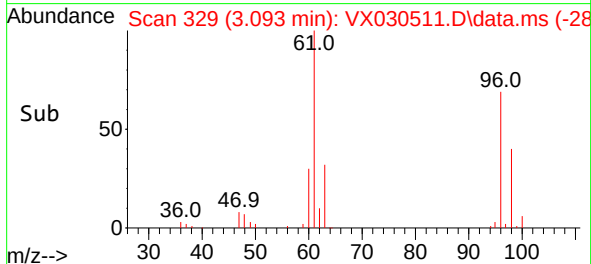


#17
trans-1,2-Dichloroethene
Concen: 9.330 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030511.D
Acq: 08 Aug 2022 14:42

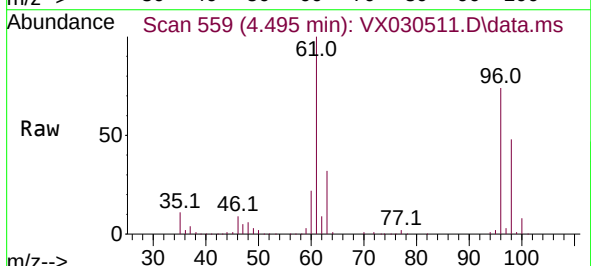
Instrument :
MSVOA_X
ClientSampleId :



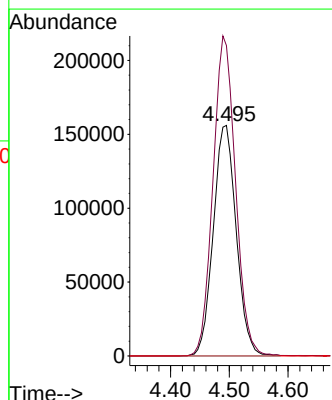
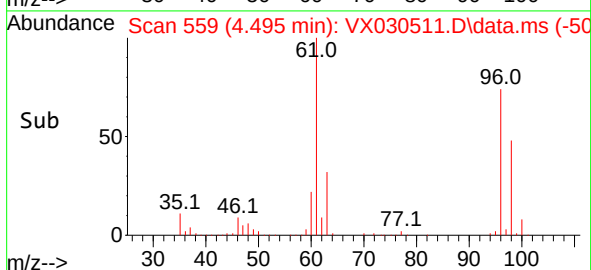
Tgt Ion: 96 Resp: 16925
Ion Ratio Lower Upper
96 100
61 145.1 103.7 192.5
98 58.0 41.5 77.1

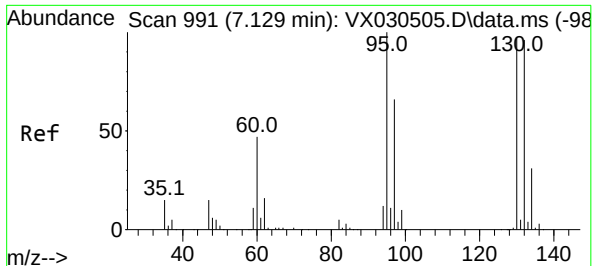


#20
cis-1,2-Dichloroethene
Concen: 207.566 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030511.D
Acq: 08 Aug 2022 14:42



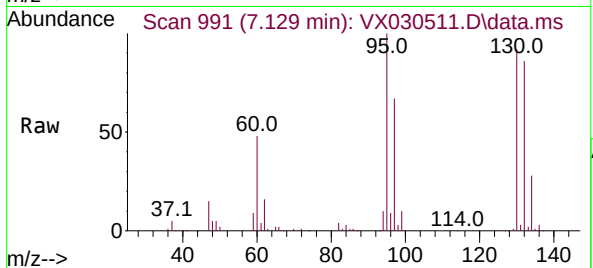
Tgt Ion: 96 Resp: 423583
Ion Ratio Lower Upper
96 100
61 134.7 94.0 174.6
68 0.0 0.0 0.0



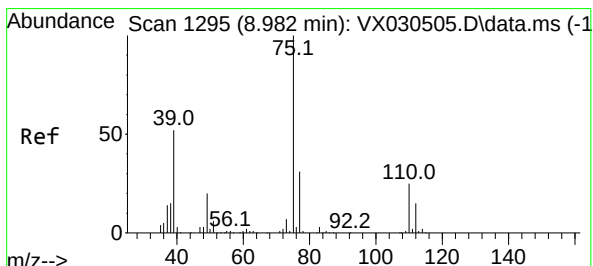
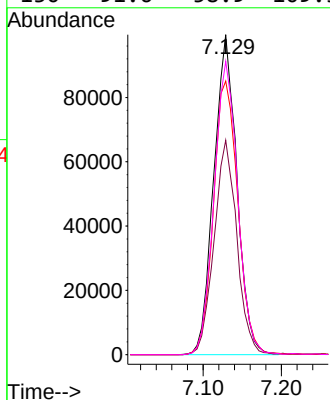
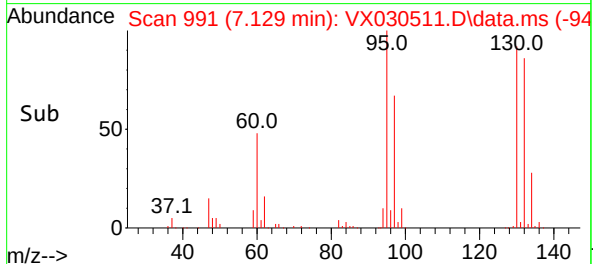


#34
 Trichloroethene
 Concen: 89.869 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030511.D
 Acq: 08 Aug 2022 14:42

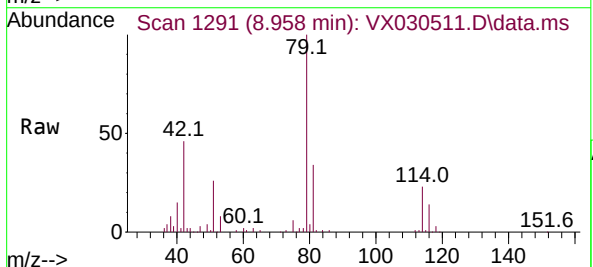
Instrument :
 MSVOA_X
 ClientSampleId :



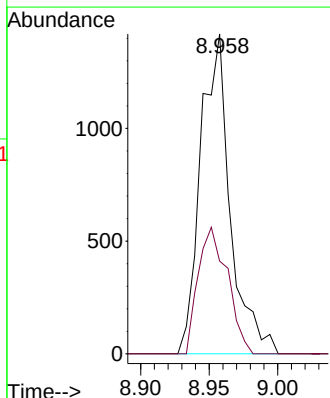
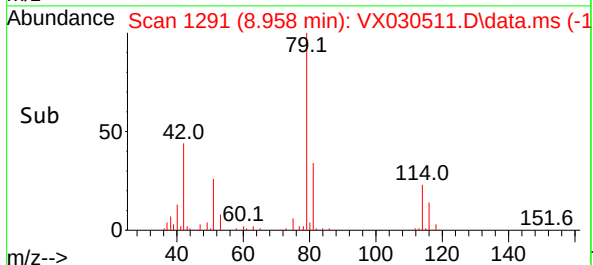
Tgt Ion: 95 Resp: 204323
 Ion Ratio Lower Upper
 95 100
 97 67.0 40.2 74.6
 132 85.5 55.3 102.7
 130 91.6 58.9 109.5

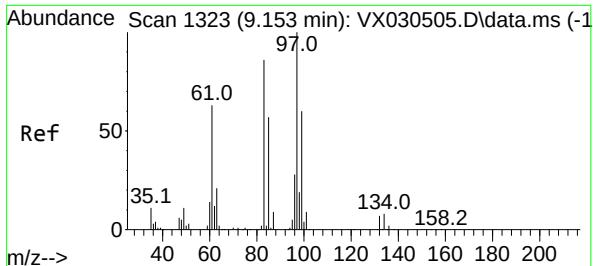


#44
 trans-1,3-Dichloropropene
 Concen: 0.700 ug/L
 RT: 8.958 min Scan# 1291
 Delta R.T. -0.025 min
 Lab File: VX030511.D
 Acq: 08 Aug 2022 14:42



Tgt Ion: 75 Resp: 2134
 Ion Ratio Lower Upper
 75 100
 77 29.0 22.5 41.7

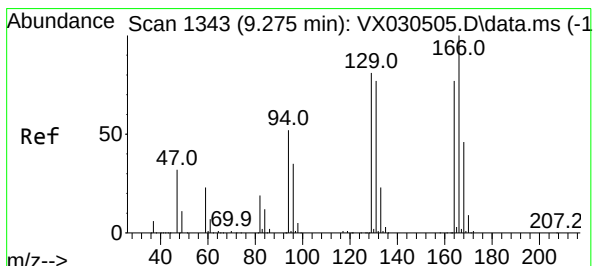
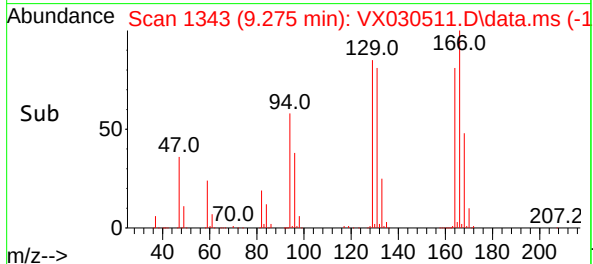
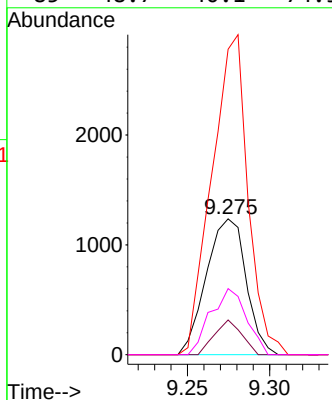
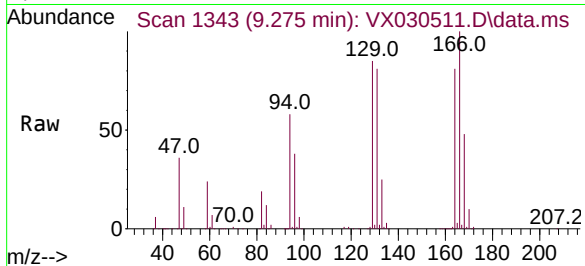




#45
1,1,2-Trichloroethane
Concen: 1.072 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX030511.D
Acq: 08 Aug 2022 14:42

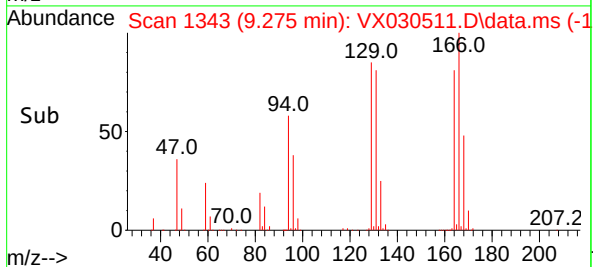
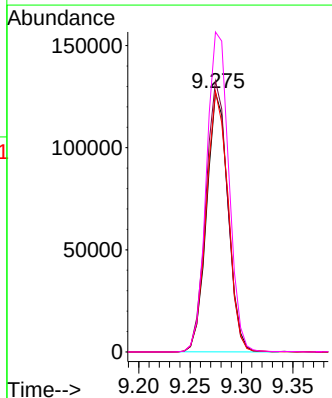
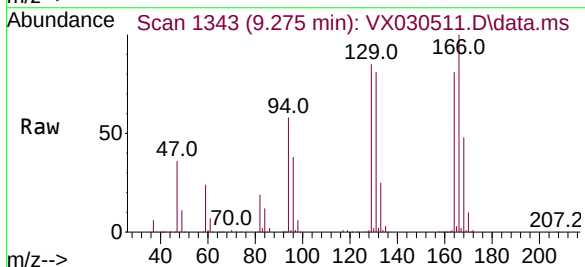
Instrument :
MSVOA_X
ClientSampleId :

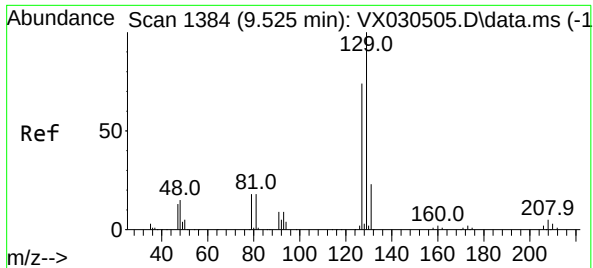
Tgt Ion: 97	Resp: 2081
Ion Ratio	Lower Upper
97 100	
99 25.6	43.3 80.3#
83 224.9	63.0 117.0#
85 48.7	40.1 74.5



#46
Tetrachloroethene
Concen: 128.337 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030511.D
Acq: 08 Aug 2022 14:42

Tgt Ion: 164	Resp: 184403
Ion Ratio	Lower Upper
164 100	
129 104.5	72.7 135.1
131 100.5	69.9 129.9
166 123.4	88.3 164.1





#49

Dibromochloromethane

Concen: 94.163 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

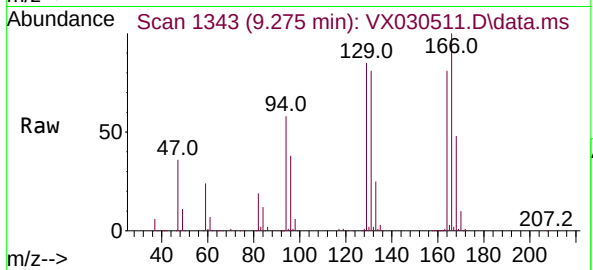
Lab File: VX030511.D

Acq: 08 Aug 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:129 Resp: 194422

Ion Ratio Lower Upper

129 100

127 0.2 55.6 103.2#

