

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030515.D
 Acq On : 08 Aug 2022 16:16
 Operator : JC/MD
 Sample : N4066-075E
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 01:06:39 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)

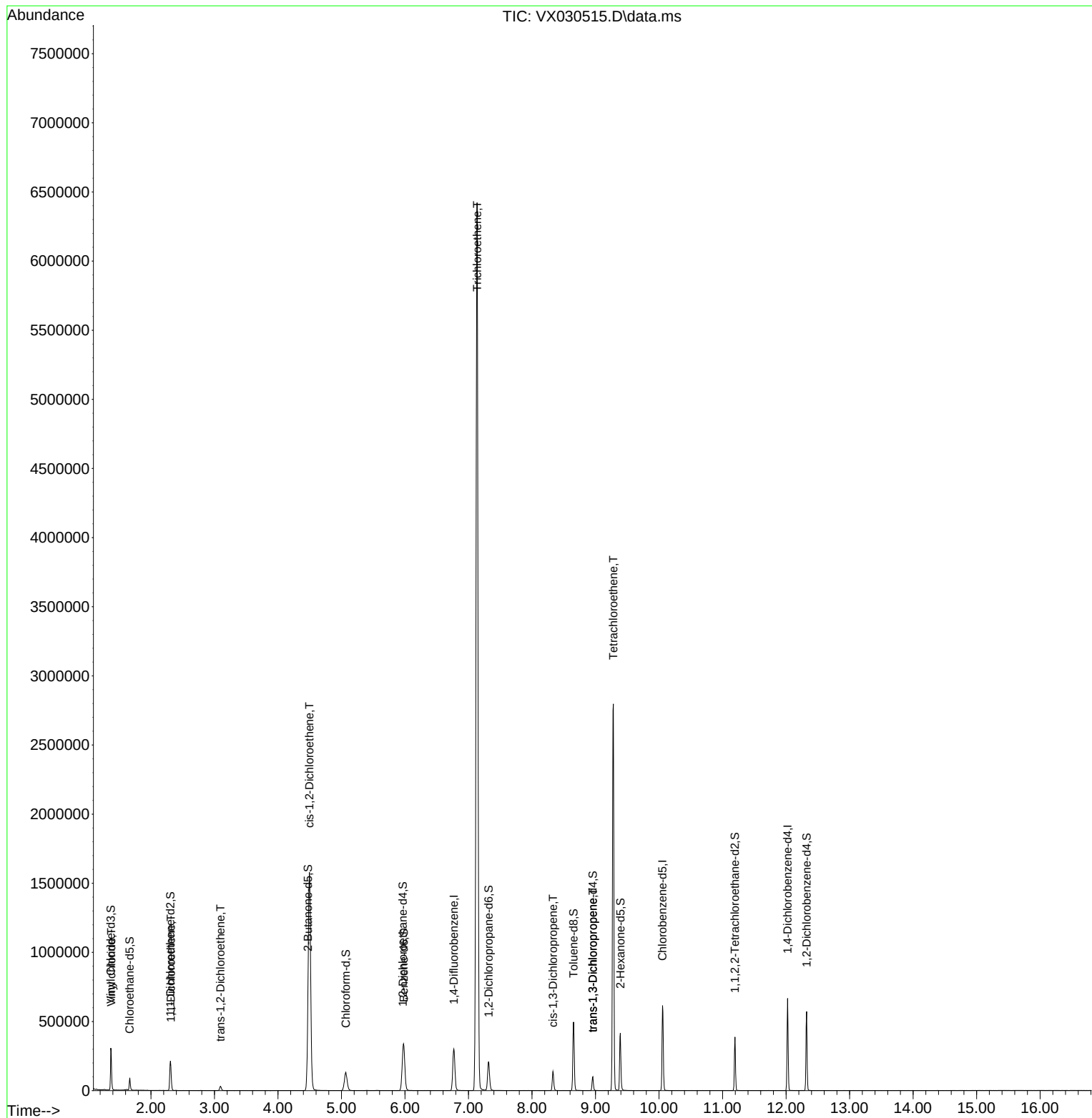
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	296886	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119053	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68412	35.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.760%
7) Chloroethane-d5	1.666	69	54672	40.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.360%
11) 1,1-Dichloroethene-d2	2.306	63	119177	33.046	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.100%
21) 2-Butanone-d5	4.471	46	172407	97.597	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.600%
24) Chloroform-d	5.068	84	159065	40.529	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.060%
26) 1,2-Dichloroethane-d4	5.964	65	116164	43.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.180%
32) Benzene-d6	5.983	84	312453	41.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.060%
36) 1,2-Dichloropropane-d6	7.318	67	102750	42.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.180%
41) Toluene-d8	8.653	98	279961	39.478	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.960%#
43) trans-1,3-Dichloroprop...	8.958	79	44887	36.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.940%
47) 2-Hexanone-d5	9.391	63	114627	92.130	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.130%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	141135	44.014	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	98668	42.729	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.460%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	142747	69.570	ug/L	96
12) 1,1-Dichloroethene	2.313	96	3781	2.275	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	12381	6.431	ug/L	88
20) cis-1,2-Dichloroethene	4.495	96	918275	424.031	ug/L	98
34) Trichloroethene	7.135	95	2429481	996.124	ug/L	85
39) cis-1,3-Dichloropropene	8.330	75	3313	0.992	ug/L #	72
44) trans-1,3-Dichloropropene	8.958	75	2546	0.779	ug/L	95
46) Tetrachloroethene	9.281	164	489440	317.534	ug/L	95

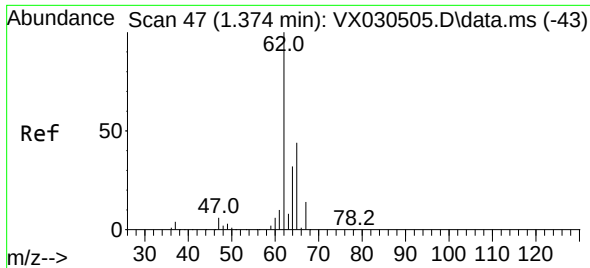
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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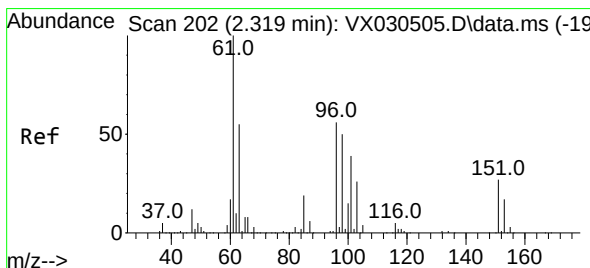
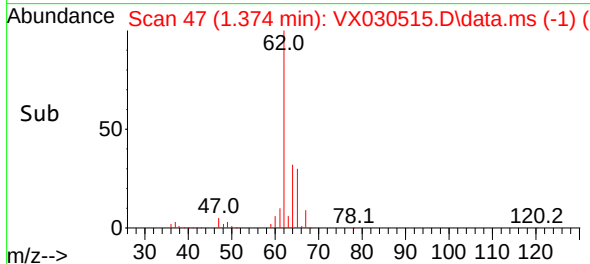
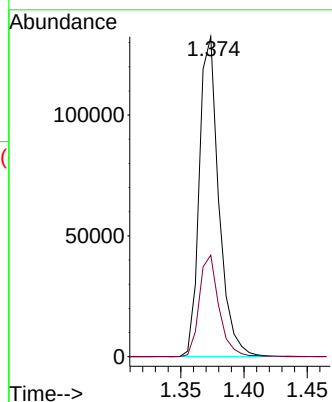
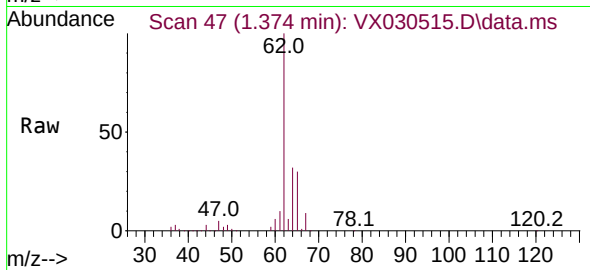




#5
 Vinyl chloride
 Concen: 69.570 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030515.D
 Acq: 08 Aug 2022 16:16

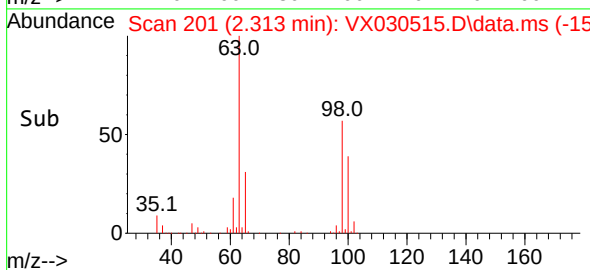
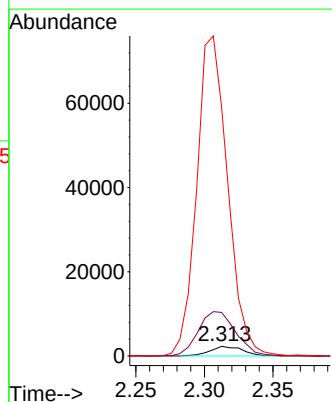
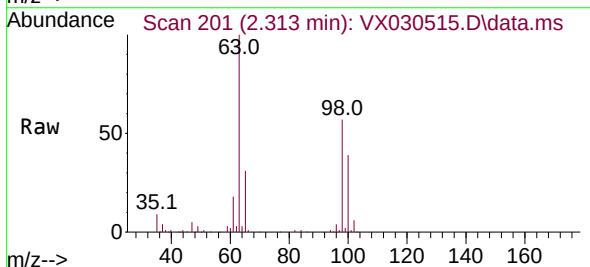
Instrument :
 MSVOA_X
 ClientSampleId :

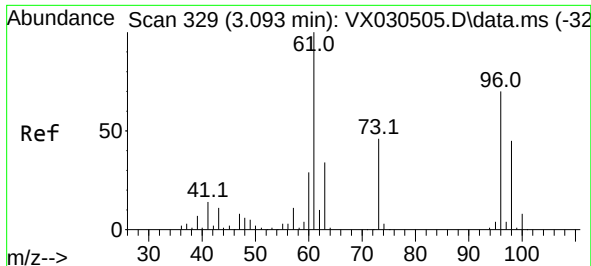
Tgt Ion: 62 Resp: 142747
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 2.275 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030515.D
 Acq: 08 Aug 2022 16:16

Tgt Ion: 96 Resp: 3781
 Ion Ratio Lower Upper
 96 100
 61 452.4 130.2 241.8#
 63 2584.3 113.5 210.9#

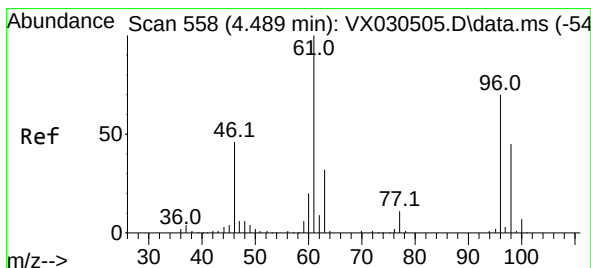
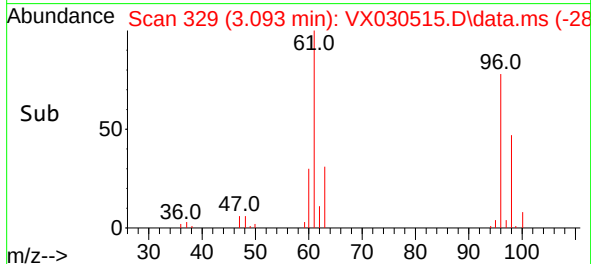
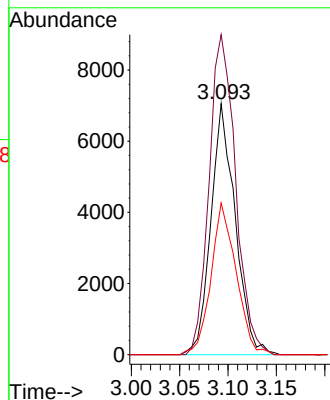
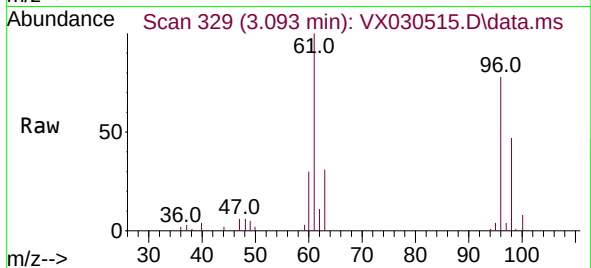




#17
trans-1,2-Dichloroethene
Concen: 6.431 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030515.D
Acq: 08 Aug 2022 16:16

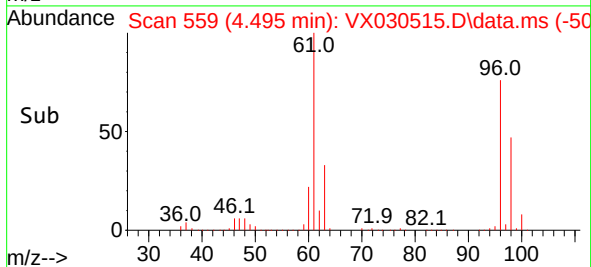
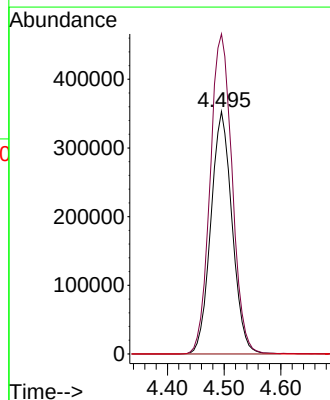
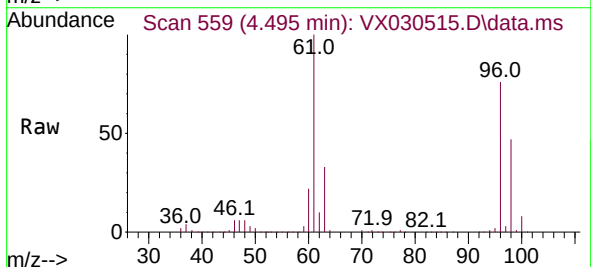
Instrument :
MSVOA_X
ClientSampleId :

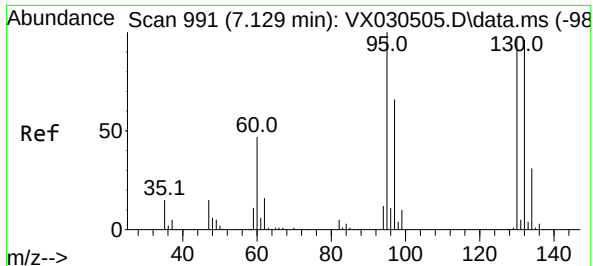
Tgt Ion: 96 Resp: 12381
Ion Ratio Lower Upper
96 100
61 127.5 103.7 192.5
98 60.4 41.5 77.1



#20
cis-1,2-Dichloroethene
Concen: 424.031 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030515.D
Acq: 08 Aug 2022 16:16

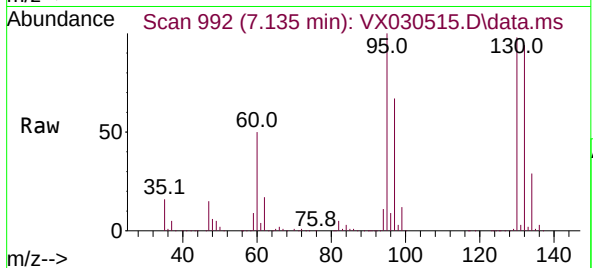
Tgt Ion: 96 Resp: 918275
Ion Ratio Lower Upper
96 100
61 132.0 94.0 174.6
68 0.0 0.0 0.0



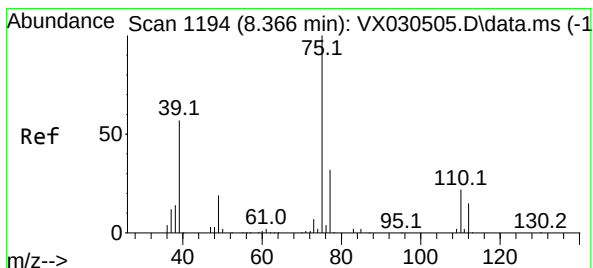
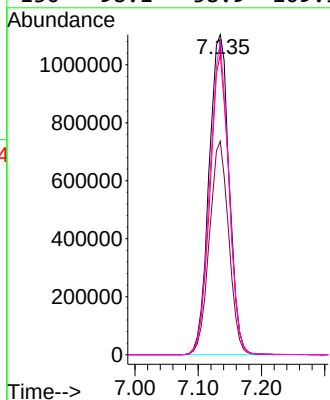
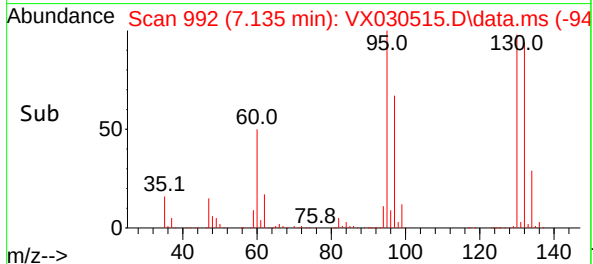


#34
Trichloroethene
Concen: 996.124 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030515.D
Acq: 08 Aug 2022 16:16

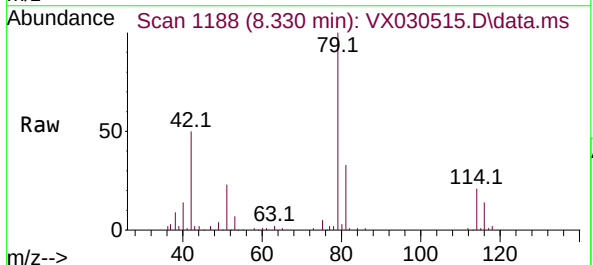
Instrument :
MSVOA_X
ClientSampleId :



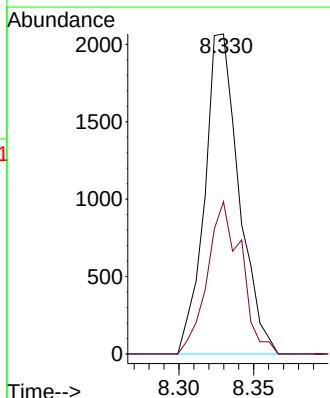
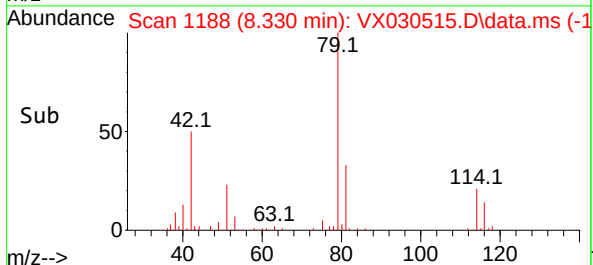
Tgt Ion: 95 Resp: 2429481
Ion Ratio Lower Upper
95 100
97 66.7 40.2 74.6
132 93.8 55.3 102.7
130 98.1 58.9 109.5

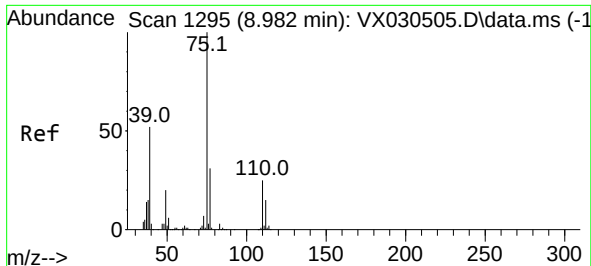


#39
cis-1,3-Dichloropropene
Concen: 0.992 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX030515.D
Acq: 08 Aug 2022 16:16



Tgt Ion: 75 Resp: 3313
Ion Ratio Lower Upper
75 100
77 47.6 22.4 41.6#

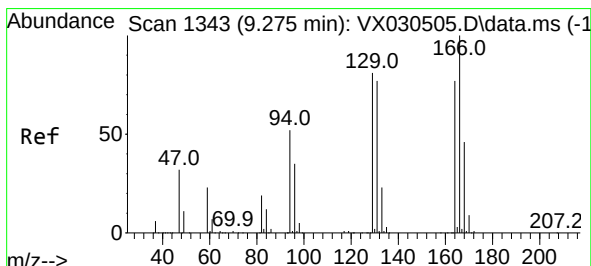
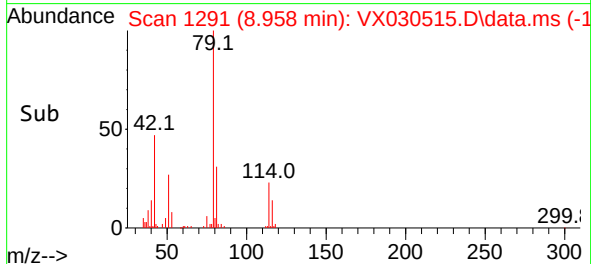
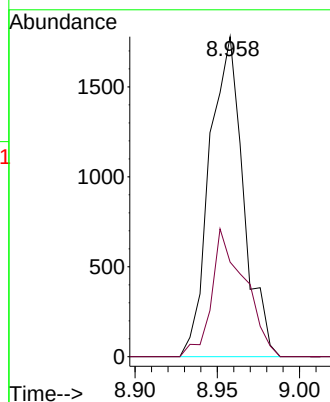
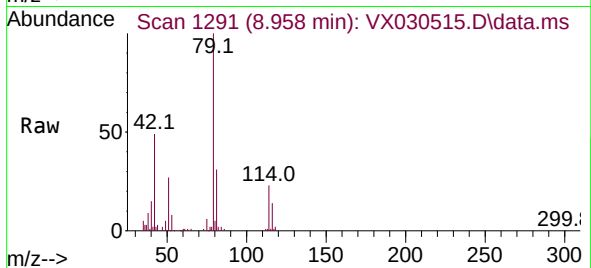




#44
trans-1,3-Dichloropropene
Concen: 0.779 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX030515.D
Acq: 08 Aug 2022 16:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2546
Ion Ratio Lower Upper
75 100
77 29.6 22.5 41.7



#46
Tetrachloroethene
Concen: 317.534 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030515.D
Acq: 08 Aug 2022 16:16

Tgt Ion:164 Resp: 489440
Ion Ratio Lower Upper
164 100
129 99.0 72.7 135.1
131 95.6 69.9 129.9
166 121.1 88.3 164.1

