

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030448.D
 Acq On : 05 Aug 2022 23:12
 Operator : JC/MD
 Sample : N4066-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:23:31 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)

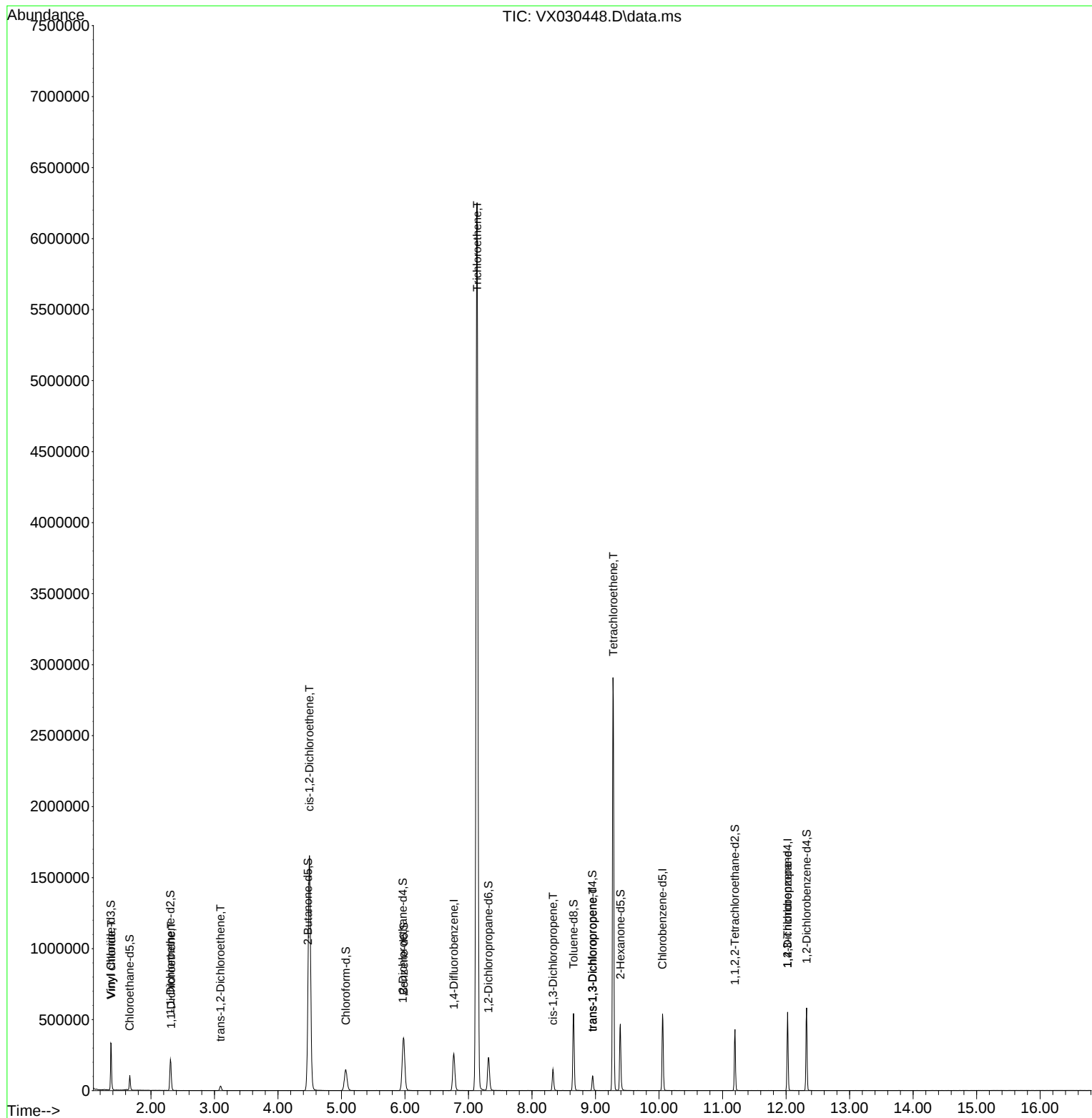
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	254367	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	227453	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101594	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	77921	47.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.400%
7) Chloroethane-d5	1.666	69	62554	54.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.640%
11) 1,1-Dichloroethene-d2	2.306	63	121139	39.204	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.400%
21) 2-Butanone-d5	4.471	46	195113	128.913	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.910%
24) Chloroform-d	5.068	84	178706	53.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.280%
26) 1,2-Dichloroethane-d4	5.964	65	126446	55.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.760%
32) Benzene-d6	5.983	84	346099	53.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.240%
36) 1,2-Dichloropropane-d6	7.312	67	119327	56.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.900%
41) Toluene-d8	8.653	98	310025	50.481	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.960%
43) trans-1,3-Dichloroprop...	8.952	79	49121	46.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.420%
47) 2-Hexanone-d5	9.390	63	130265	120.899	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.900%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	159138	57.307	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.620%
66) 1,2-Dichlorobenzene-d4	12.323	152	107850	54.732	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.460%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	147720	84.028	ug/L	99
12) 1,1-Dichloroethene	2.319	96	4429	3.111	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	12456	7.552	ug/L	92
20) cis-1,2-Dichloroethene	4.495	96	939388	506.290	ug/L	99
34) Trichloroethene	7.135	95	2405026	1138.669	ug/L	89
39) cis-1,3-Dichloropropene	8.330	75	3452	1.193	ug/L #	77
44) trans-1,3-Dichloropropene	8.958	75	2234	0.789	ug/L #	77
46) Tetrachloroethene	9.281	164	492415	368.893	ug/L	99
61) 1,2,3-Trichloropropane	12.024	75	13665	6.263	ug/L #	69

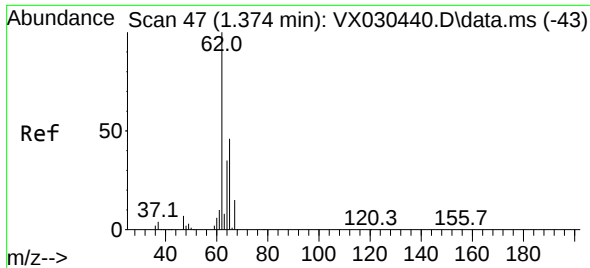
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
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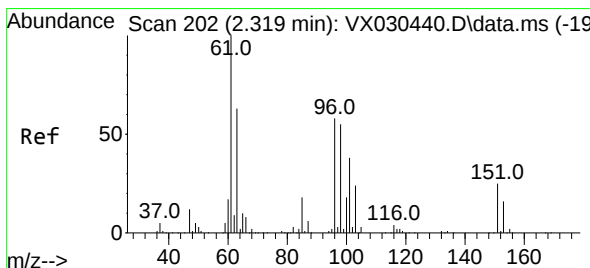
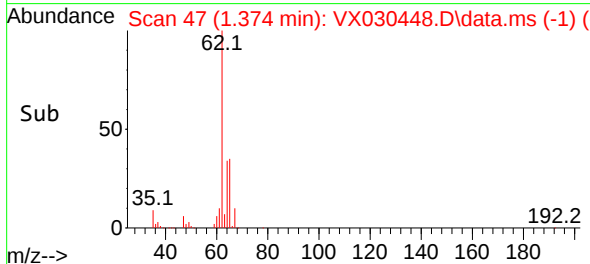
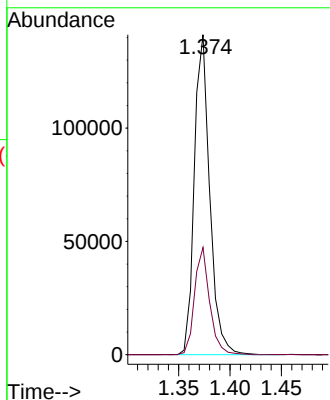
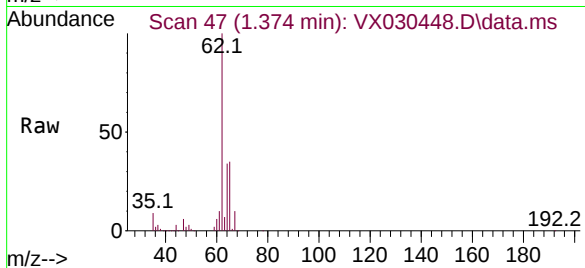




#5
 Vinyl chloride
 Concen: 84.028 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030448.D
 Acq: 05 Aug 2022 23:12

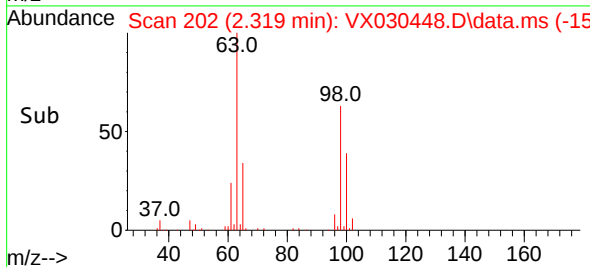
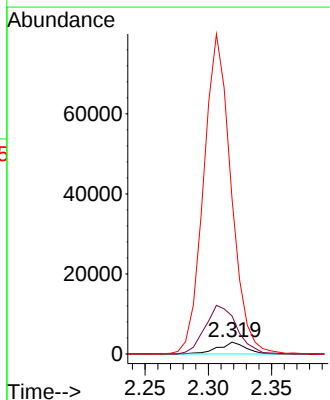
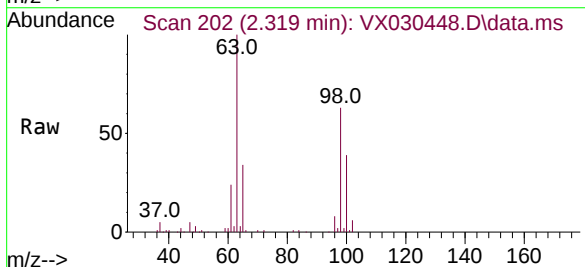
Instrument :
 MSVOA_X
 ClientSampleId :

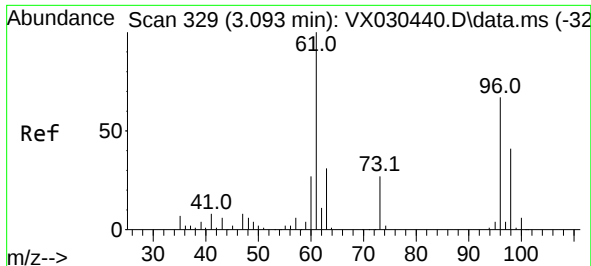
Tgt Ion: 62 Resp: 147720
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 3.111 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030448.D
 Acq: 05 Aug 2022 23:12

Tgt Ion: 96 Resp: 4429
 Ion Ratio Lower Upper
 96 100
 61 321.3 130.2 241.8#
 63 1319.1 113.5 210.9#





#17

trans-1,2-Dichloroethene

Concen: 7.552 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

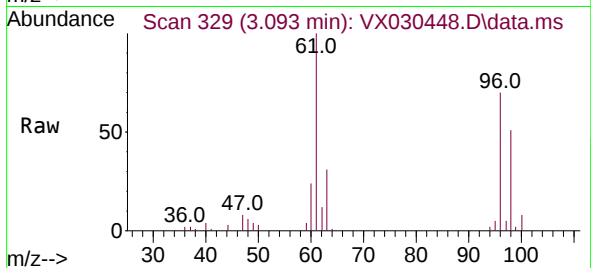
Lab File: VX030448.D

Acq: 05 Aug 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :



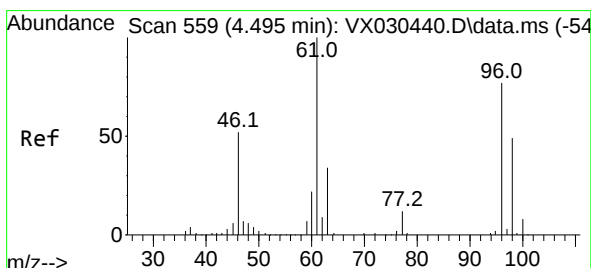
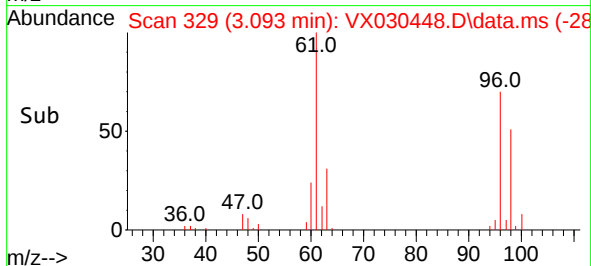
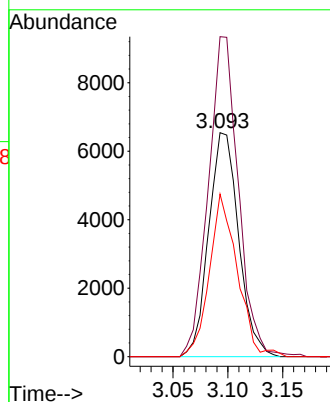
Tgt Ion: 96 Resp: 12456

Ion Ratio Lower Upper

96 100

61 142.9 103.7 192.5

98 72.6 41.5 77.1



#20

cis-1,2-Dichloroethene

Concen: 506.290 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030448.D

Acq: 05 Aug 2022 23:12

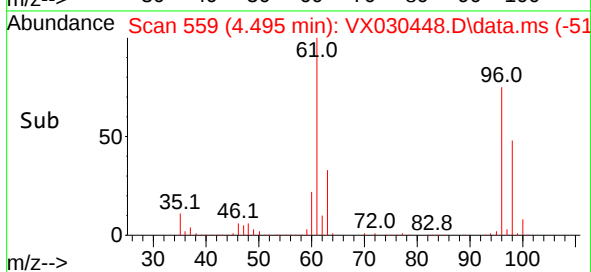
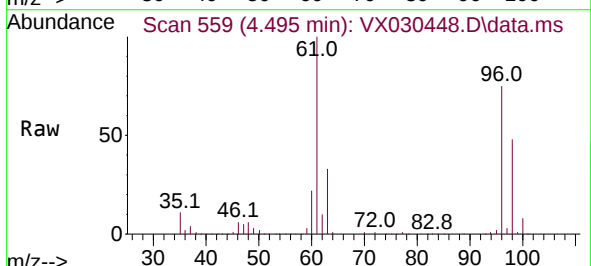
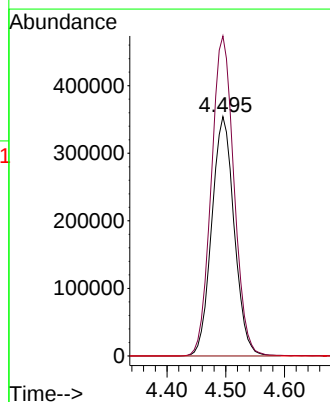
Tgt Ion: 96 Resp: 939388

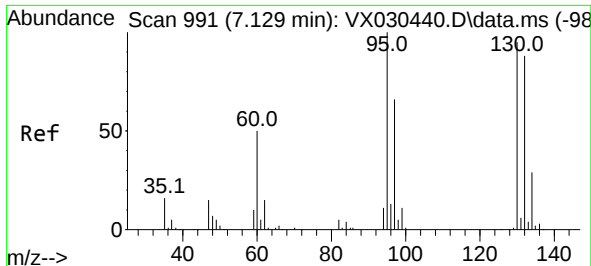
Ion Ratio Lower Upper

96 100

61 133.7 94.0 174.6

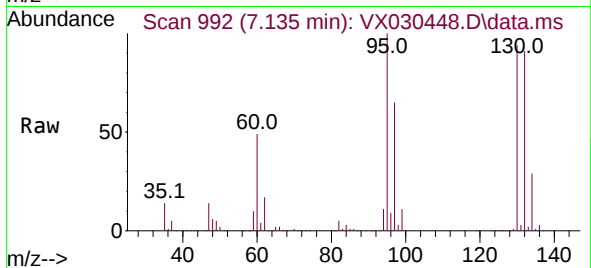
68 0.0 0.0 0.0





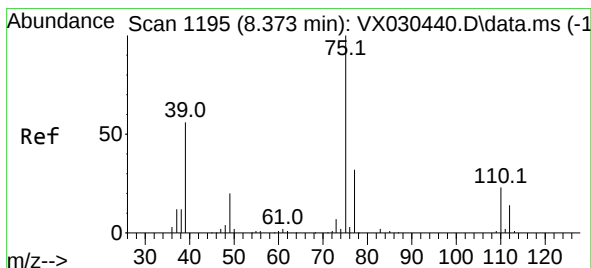
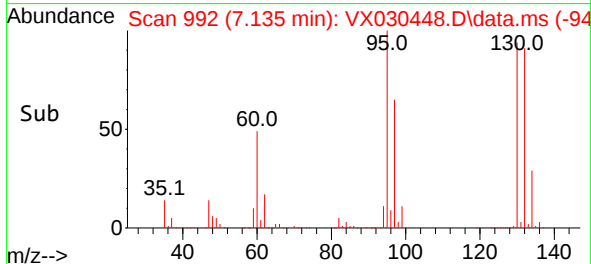
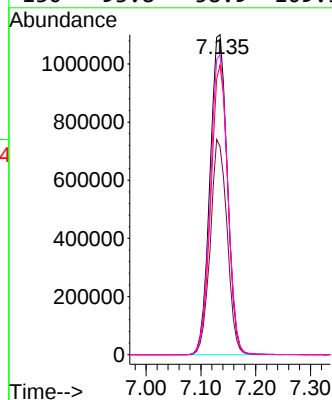
#34
Trichloroethene
Concen: 1138.669 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030448.D
Acq: 05 Aug 2022 23:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 2405026

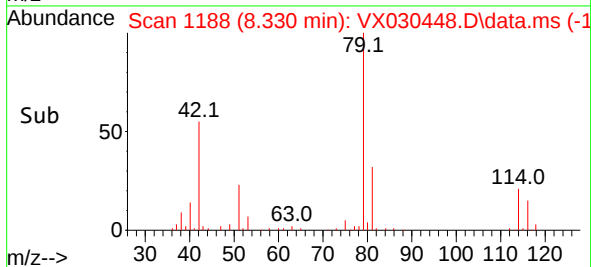
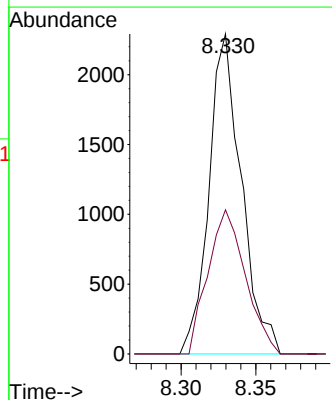
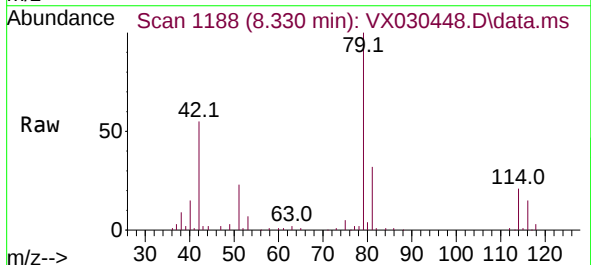
Ion	Ratio	Lower	Upper
95	100		
97	65.1	40.2	74.6
132	90.5	55.3	102.7
130	93.8	58.9	109.5

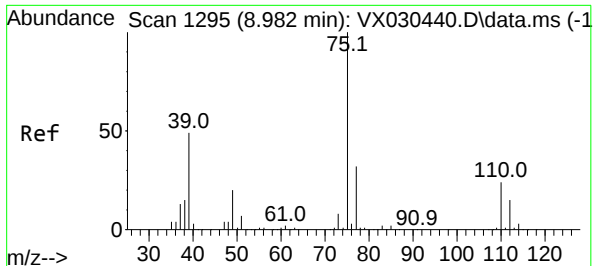


#39
cis-1,3-Dichloropropene
Concen: 1.193 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.043 min
Lab File: VX030448.D
Acq: 05 Aug 2022 23:12

Tgt Ion: 75 Resp: 3452

Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.4	41.6

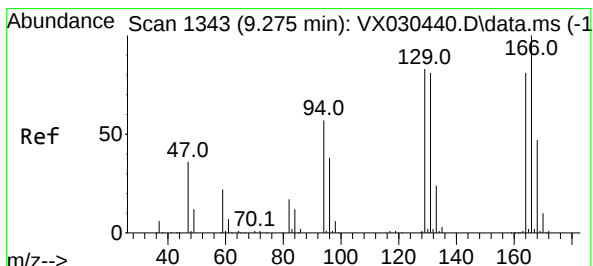
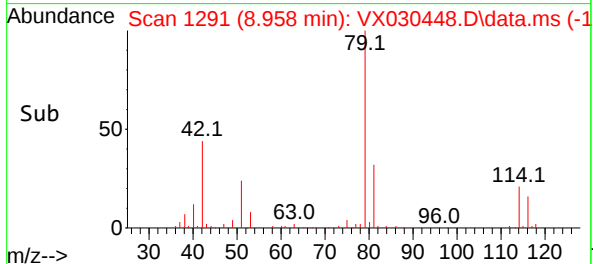
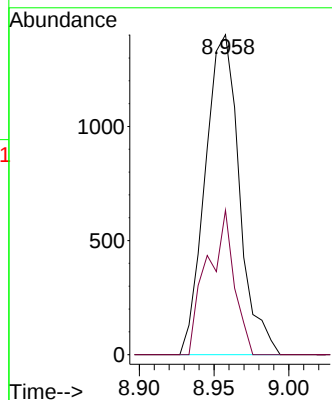
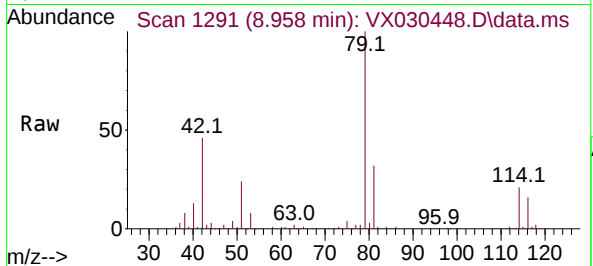




#44
trans-1,3-Dichloropropene
Concen: 0.789 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX030448.D
Acq: 05 Aug 2022 23:12

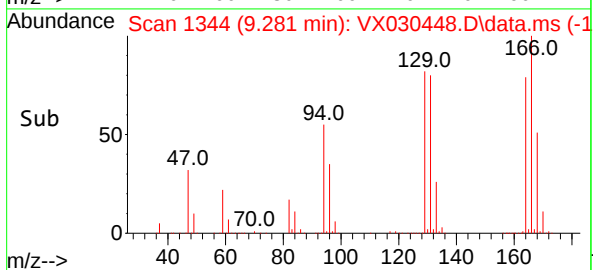
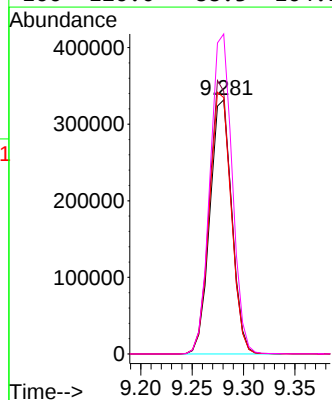
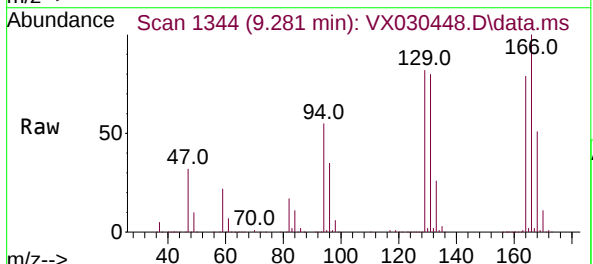
Instrument :
MSVOA_X
ClientSampleId :

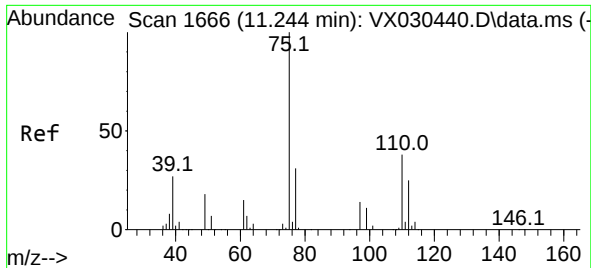
Tgt Ion: 75 Resp: 2234
Ion Ratio Lower Upper
75 100
77 45.1 22.5 41.7#



#46
Tetrachloroethene
Concen: 368.893 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030448.D
Acq: 05 Aug 2022 23:12

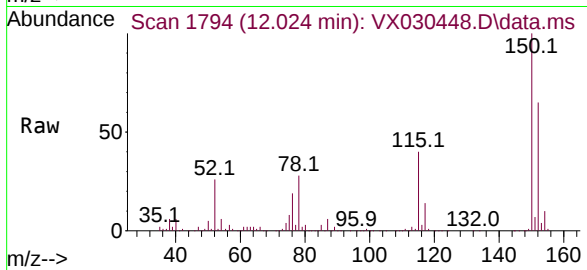
Tgt Ion:164 Resp: 492415
Ion Ratio Lower Upper
164 100
129 103.4 72.7 135.1
131 100.9 69.9 129.9
166 126.0 88.3 164.1





#61
 1,2,3-Trichloropropane
 Concen: 6.263 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX030448.D
 Acq: 05 Aug 2022 23:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.1	39.1
110	3.3	30.5	45.7#

