

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030459.D
 Acq On : 06 Aug 2022 13:12
 Operator : JC/MD
 Sample : N4003-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 00:17:34 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)

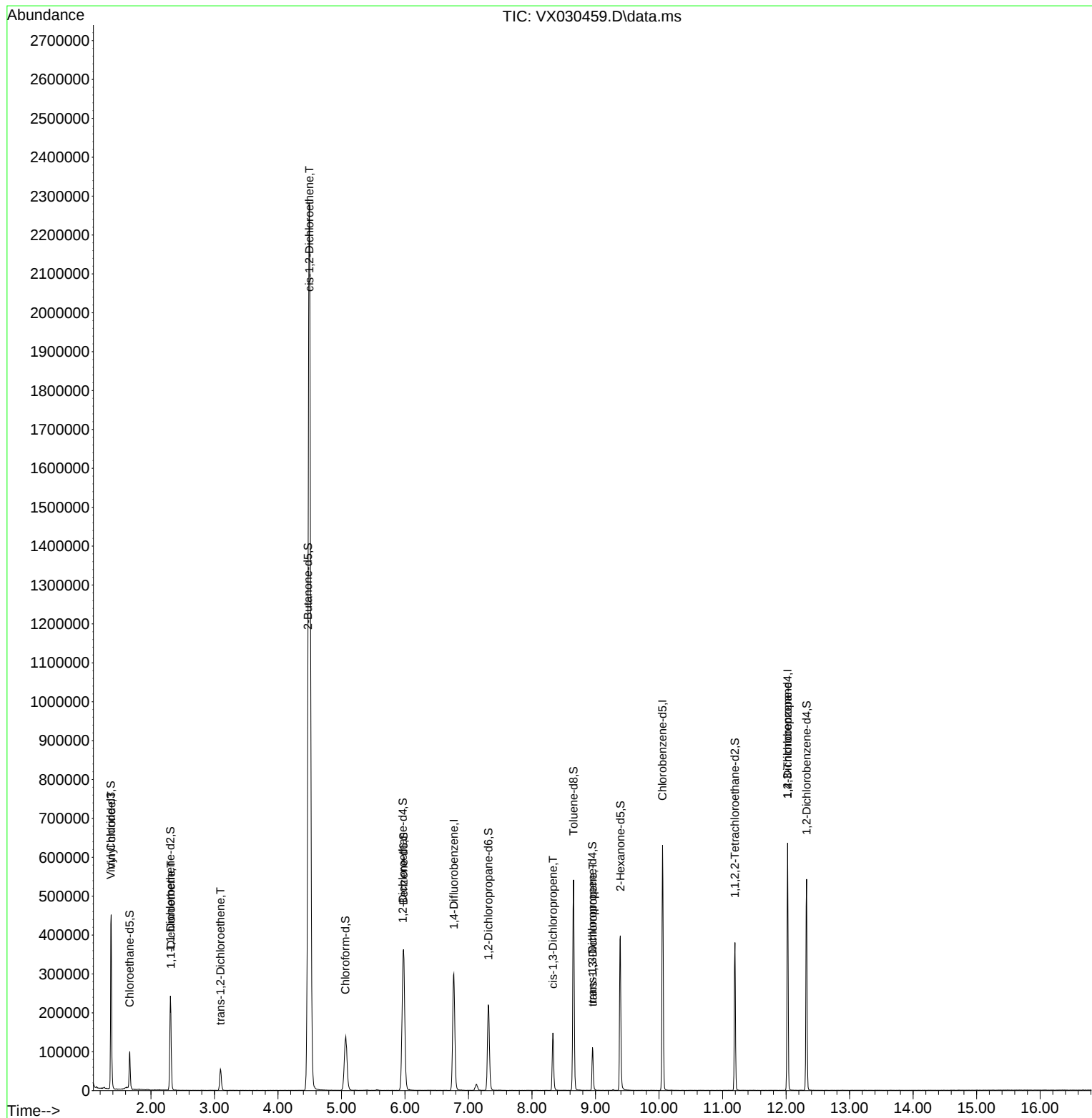
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	297052	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	264159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	84056	44.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.120%
7) Chloroethane-d5	1.666	69	62889	46.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.540%
11) 1,1-Dichloroethene-d2	2.306	63	129408	35.863	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.720%
21) 2-Butanone-d5	4.471	46	167550	94.795	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.790%
24) Chloroform-d	5.062	84	170791	43.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.980%
26) 1,2-Dichloroethane-d4	5.964	65	120247	45.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
32) Benzene-d6	5.976	84	342342	45.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	7.312	67	112236	45.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.440%
41) Toluene-d8	8.653	98	305751	42.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.740%
43) trans-1,3-Dichloroprop...	8.952	79	49194	40.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.560%
47) 2-Hexanone-d5	9.390	63	110636	88.413	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.410%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	143224	44.410	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.820%
66) 1,2-Dichlorobenzene-d4	12.323	152	100916	44.223	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	223871	109.046	ug/L	95
12) 1,1-Dichloroethene	2.312	96	2283	1.373	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	20728	10.761	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	1345127	620.791	ug/L	98
39) cis-1,3-Dichloropropene	8.330	75	3312	0.986	ug/L #	75
44) trans-1,3-Dichloropropene	8.958	75	2293	0.697	ug/L #	72
61) 1,2,3-Trichloropropane	12.024	75	15479	6.126	ug/L #	67

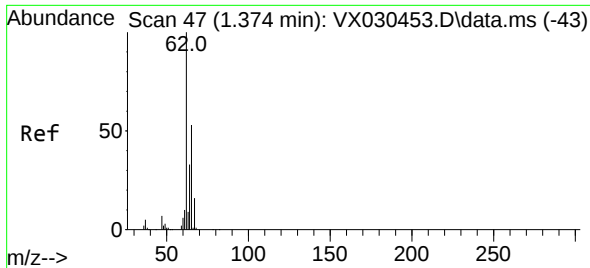
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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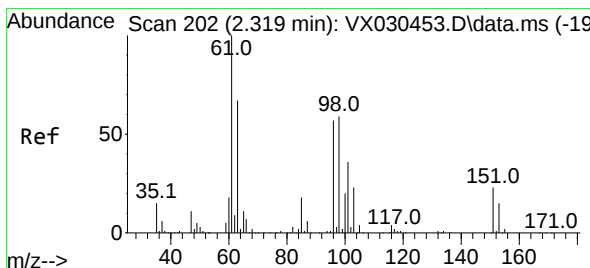
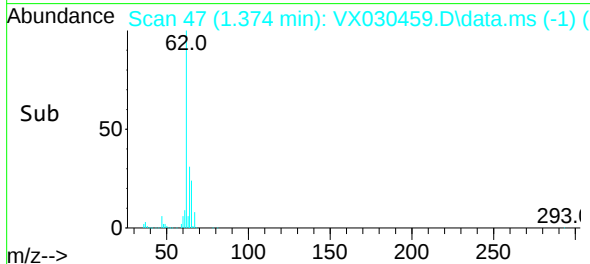
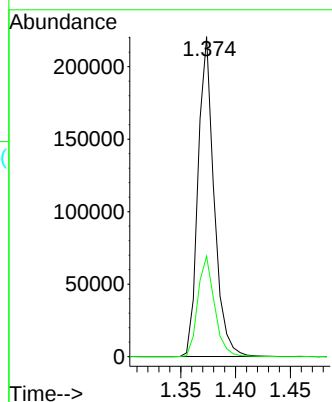
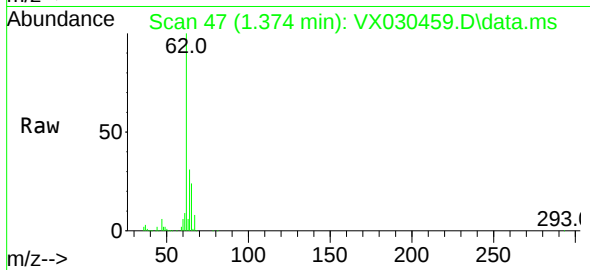




#5
 Vinyl chloride
 Concen: 109.046 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030459.D
 Acq: 06 Aug 2022 13:12

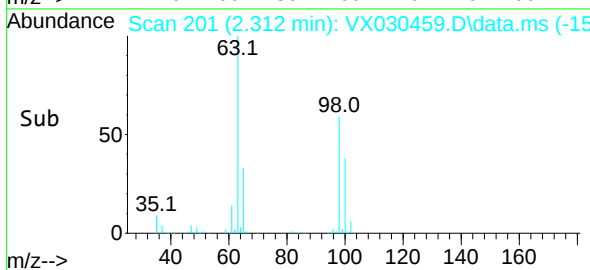
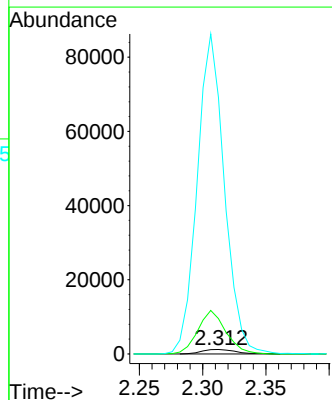
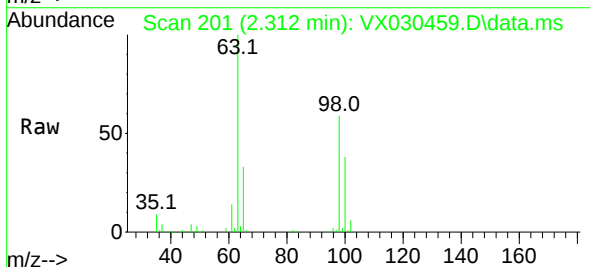
Instrument :
 MSVOA_X
 ClientSampleId :

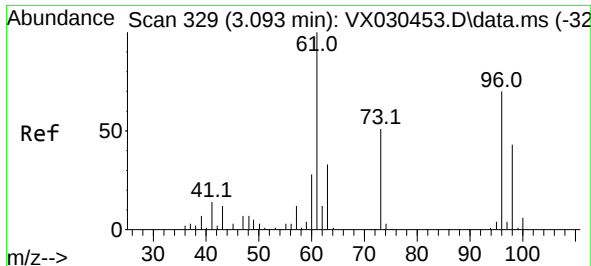
Tgt Ion: 62 Resp: 223871
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 1.373 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030459.D
 Acq: 06 Aug 2022 13:12

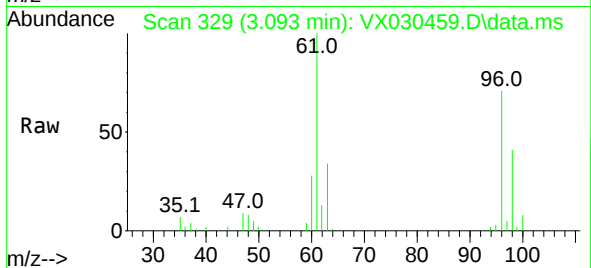
Tgt Ion: 96 Resp: 2283
 Ion Ratio Lower Upper
 96 100
 61 791.8 130.2 241.8#
 63 5737.3 113.5 210.9#





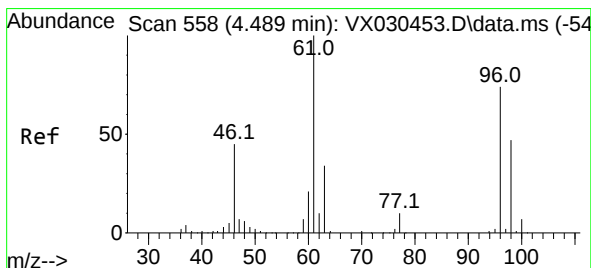
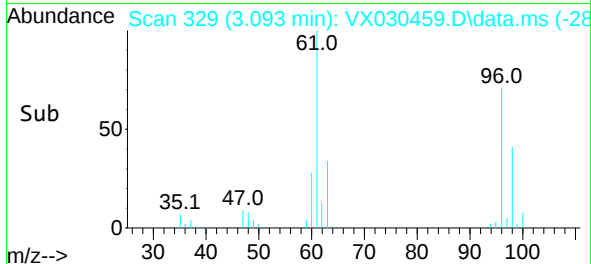
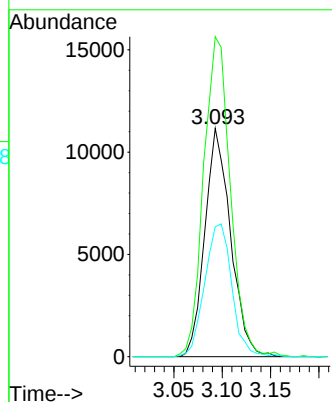
#17
trans-1,2-Dichloroethene
Concen: 10.761 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030459.D
Acq: 06 Aug 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 20728

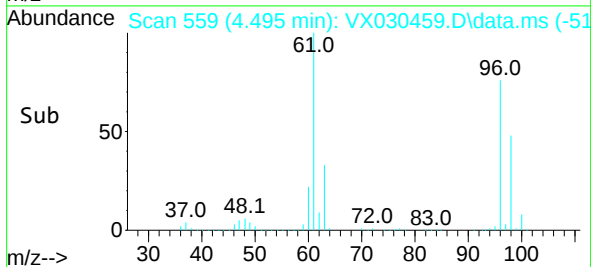
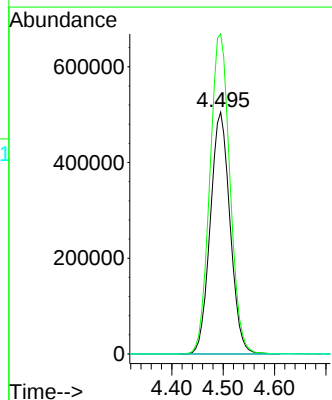
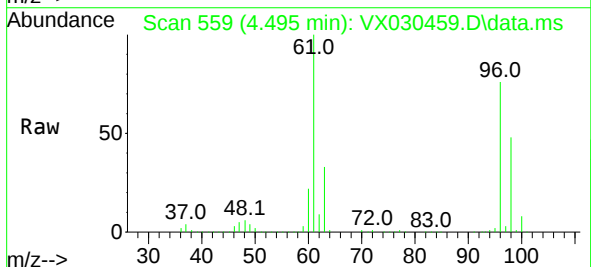
Ion	Ratio	Lower	Upper
96	100		
61	140.2	103.7	192.5
98	56.9	41.5	77.1

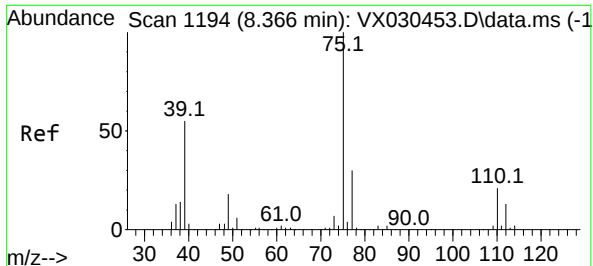


#20
cis-1,2-Dichloroethene
Concen: 620.791 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX030459.D
Acq: 06 Aug 2022 13:12

Tgt Ion: 96 Resp: 1345127

Ion	Ratio	Lower	Upper
96	100		
61	132.4	94.0	174.6
68	0.0	0.0	0.0





#39

cis-1,3-Dichloropropene

Concen: 0.986 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.043 min

Lab File: VX030459.D

Acq: 06 Aug 2022 13:12

Instrument :

MSVOA_X

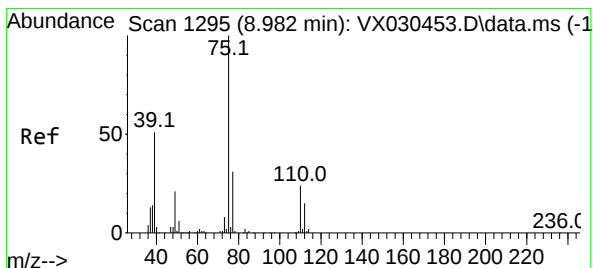
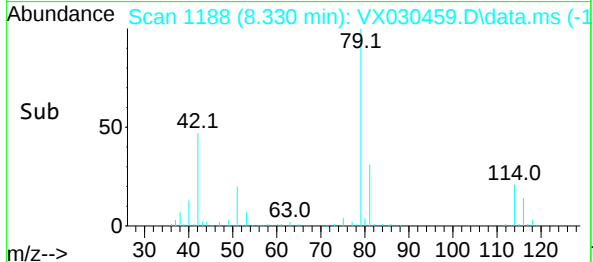
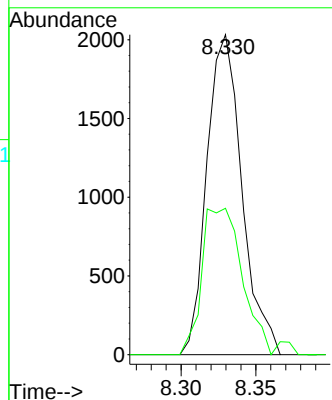
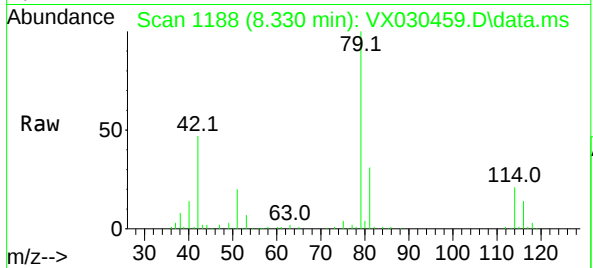
ClientSampleId :

Tgt Ion: 75 Resp: 3312

Ion Ratio Lower Upper

75 100

77 45.8 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.697 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.025 min

Lab File: VX030459.D

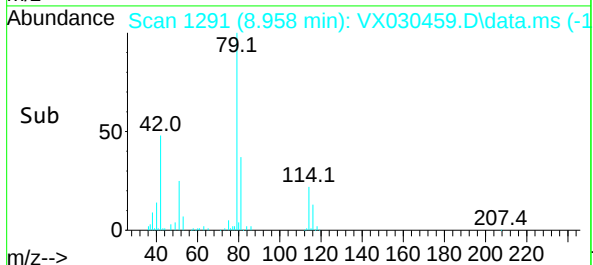
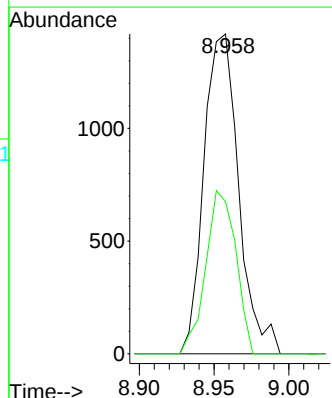
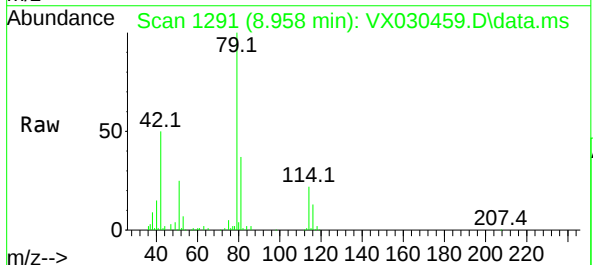
Acq: 06 Aug 2022 13:12

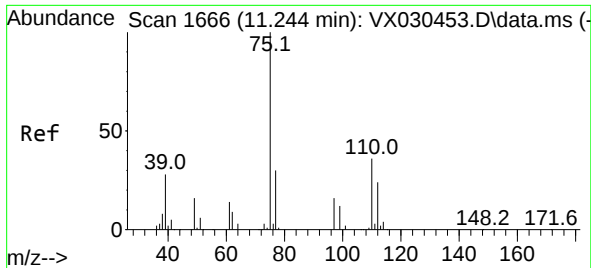
Tgt Ion: 75 Resp: 2293

Ion Ratio Lower Upper

75 100

77 47.6 22.5 41.7#





#61

1,2,3-Trichloropropane

Concen: 6.126 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.780 min

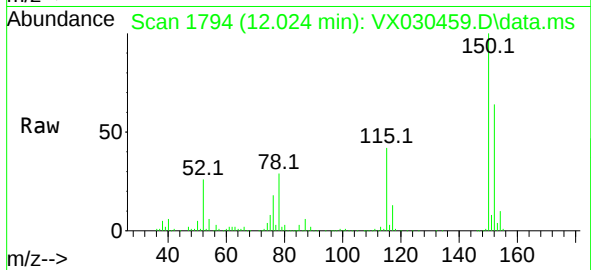
Lab File: VX030459.D

Acq: 06 Aug 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75 Resp: 15479

Ion Ratio Lower Upper

75 100

77 34.7 26.1 39.1

110 2.9 30.5 45.7#

