

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025587.D
 Acq On : 07 Dec 2021 18:36
 Operator : JC/MD
 Sample : M4883-08ME
 Misc : 5.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:37:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 05:26:42 2021
 Response via : Initial Calibration

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

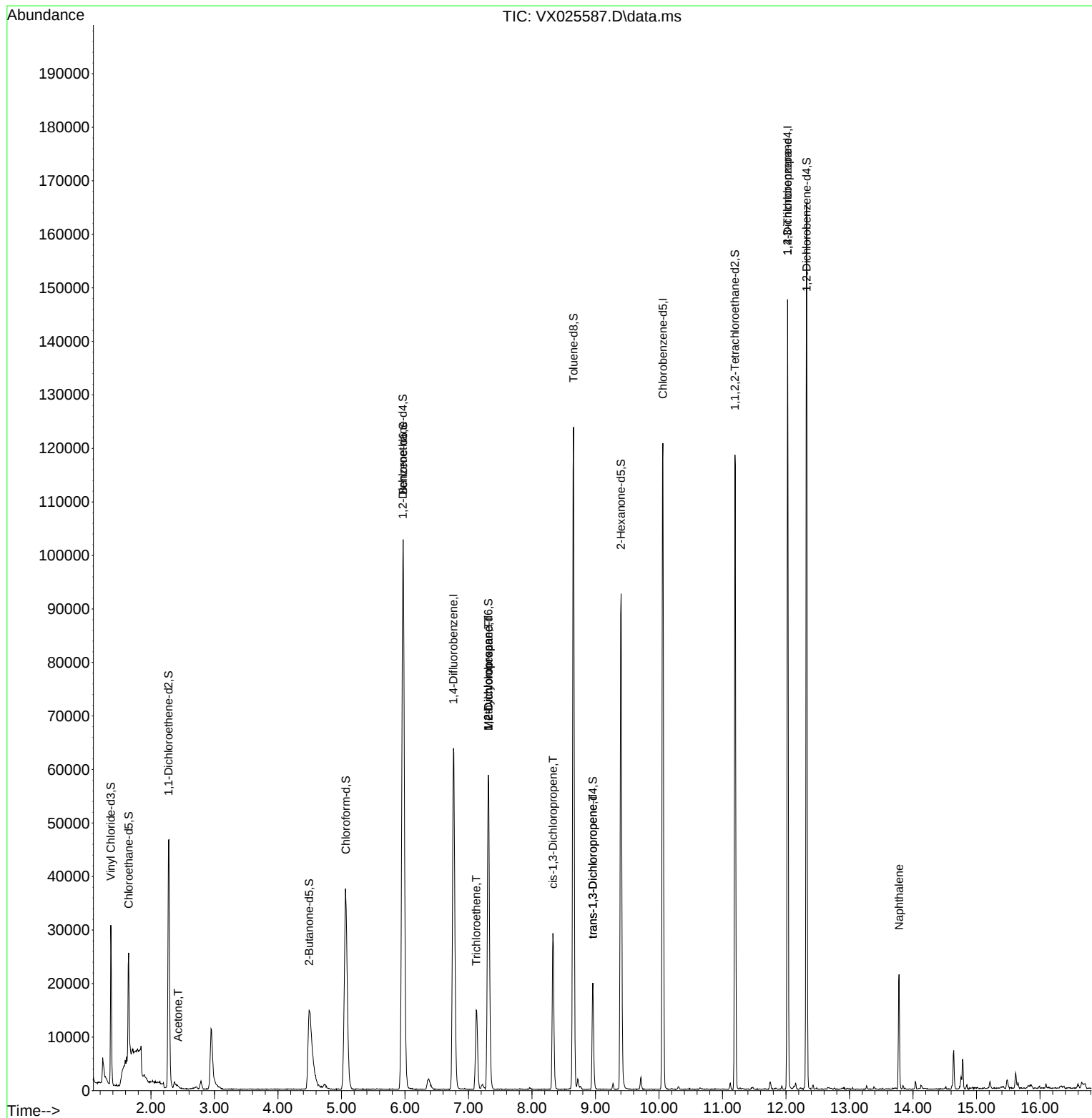
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	74137	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	62740	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30613	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	20949	41.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.820%
7) Chloroethane-d5	1.648	69	12177	29.161	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.320%#
11) 1,1-Dichloroethene-d2	2.276	63	28358	35.152	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.300%
21) 2-Butanone-d5	4.489	46	42311	112.341	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.340%
24) Chloroform-d	5.068	84	48165	54.470	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.940%
26) 1,2-Dichloroethane-d4	5.964	65	34368	62.355	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.700%
32) Benzene-d6	5.971	84	97903	58.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.760%
36) 1,2-Dichloropropane-d6	7.312	67	31468	61.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	122.240%#
41) Toluene-d8	8.653	98	77029	49.079	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	8.958	79	10926	42.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.420%
47) 2-Hexanone-d5	9.403	63	31818	118.730	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.730%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	44552	61.232	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	122.460%#
66) 1,2-Dichlorobenzene-d4	12.323	152	33395	55.619	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.240%
Target Compounds						
					Qvalue	
13) Acetone	2.429	43	827	2.670	ug/L	62
34) Trichloroethene	7.123	95	5431	12.319	ug/L	95
35) Methylcyclohexane	7.312	83	8088	11.657	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	3505	8.337	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	855	1.249	ug/L	88
44) trans-1,3-Dichloropropene	8.958	75	544	0.827	ug/L	90
61) 1,2,3-Trichloropropane	12.024	75	3440	6.569	ug/L #	60
71) Naphthalene	13.780	128	13896	7.421	ug/L	97

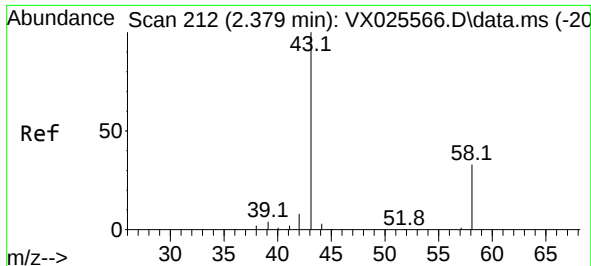
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.670 ug/L

RT: 2.429 min Scan# 212

Delta R.T. 0.049 min

Lab File: VX025587.D

Acq: 07 Dec 2021 18:36

Instrument :

MSVOA_X

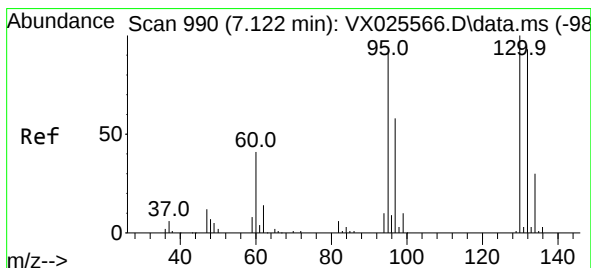
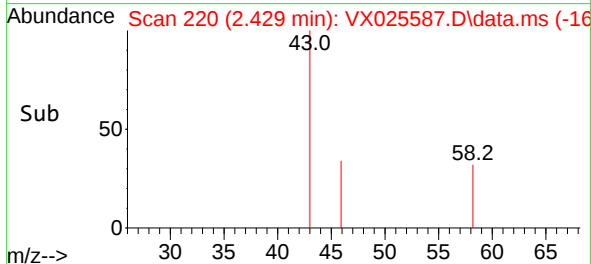
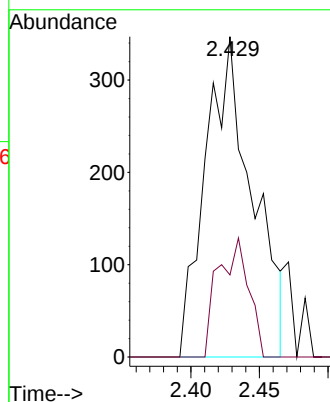
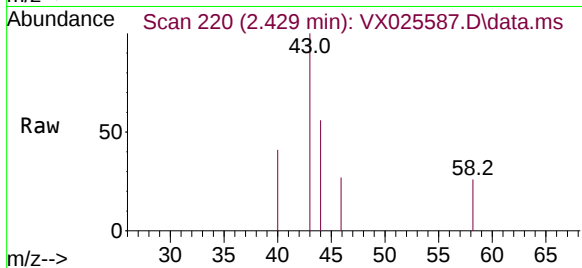
ClientSampleId :

Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

58 11.6 0.0 65.6



#34

Trichloroethene

Concen: 12.319 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX025587.D

Acq: 07 Dec 2021 18:36

Tgt Ion: 95 Resp: 5431

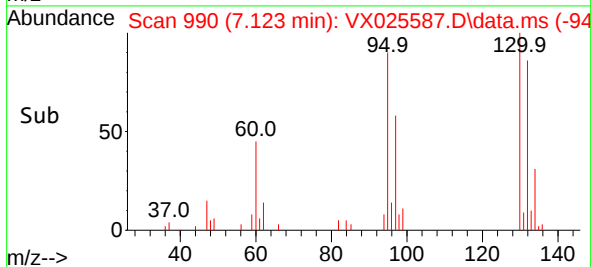
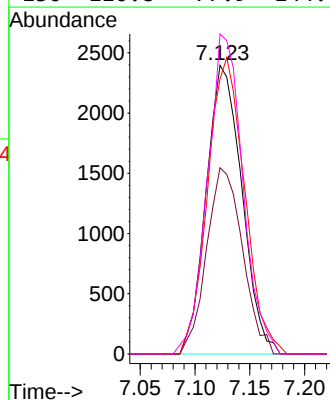
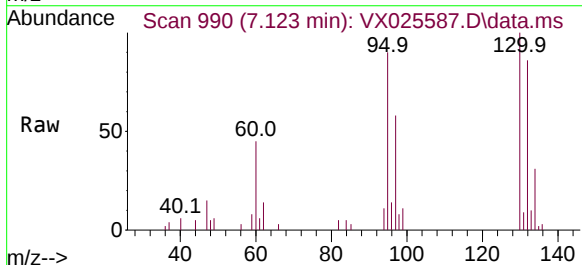
Ion Ratio Lower Upper

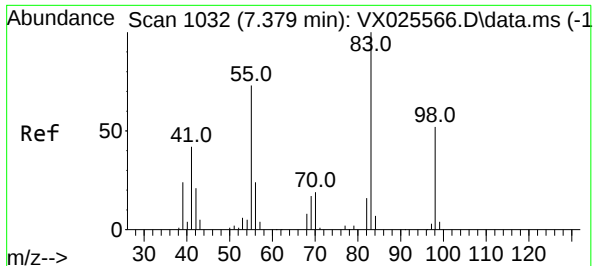
95 100

97 64.5 46.0 85.4

132 95.2 75.0 139.2

130 110.8 77.9 144.7

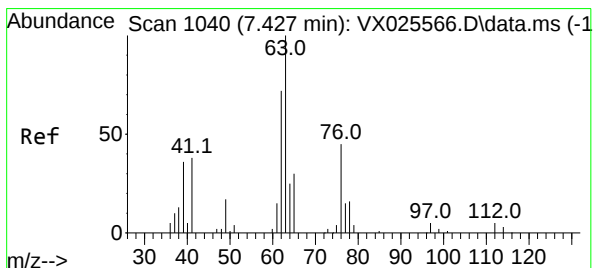
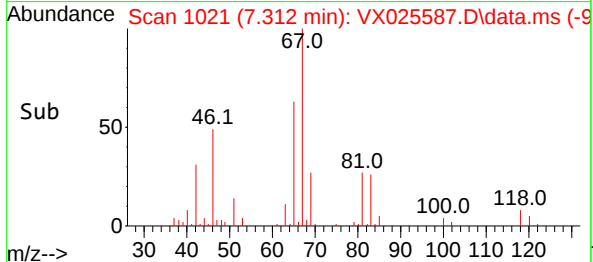
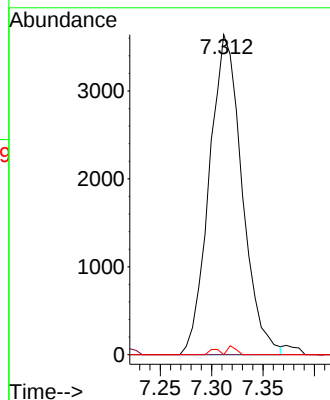
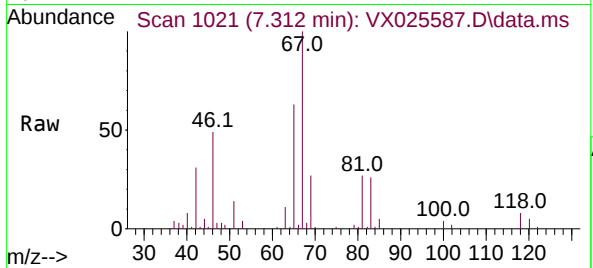




#35
Methylcyclohexane
Concen: 11.657 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX025587.D
Acq: 07 Dec 2021 18:36

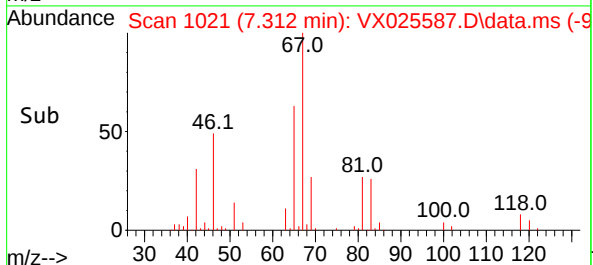
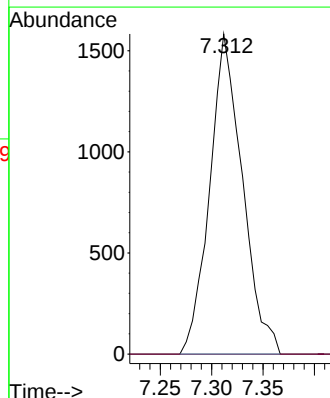
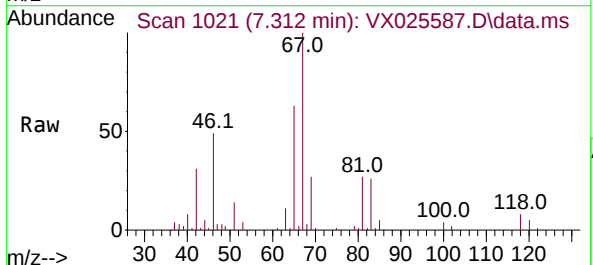
Instrument :
MSVOA_X
ClientSampleId :

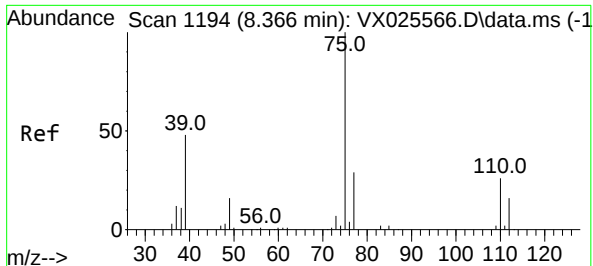
Tgt Ion: 83 Resp: 8088
Ion Ratio Lower Upper
83 100
55 0.8 57.3 85.9#
98 0.5 41.1 61.7#



#37
1,2-Dichloropropane
Concen: 8.337 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.116 min
Lab File: VX025587.D
Acq: 07 Dec 2021 18:36

Tgt Ion: 63 Resp: 3505
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.249 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.036 min

Lab File: VX025587.D

Acq: 07 Dec 2021 18:36

Instrument :

MSVOA_X

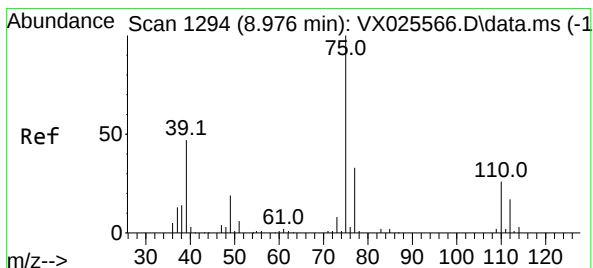
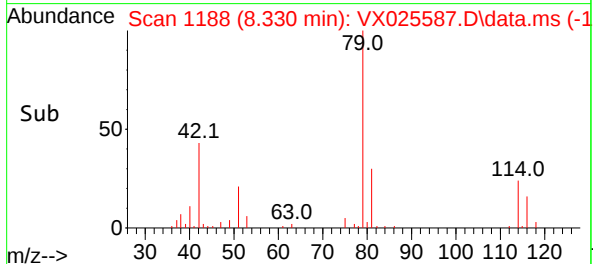
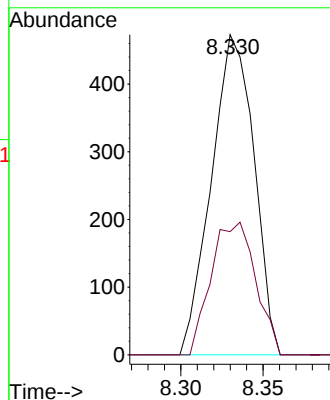
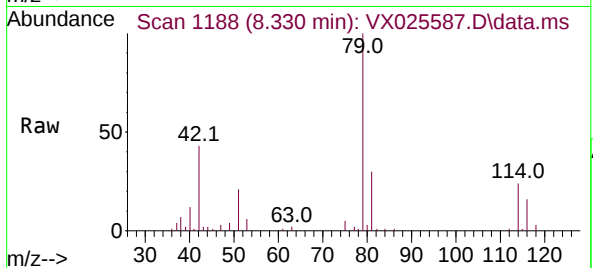
ClientSampleId :

Tgt Ion: 75 Resp: 855

Ion Ratio Lower Upper

75 100

77 38.5 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 0.827 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.018 min

Lab File: VX025587.D

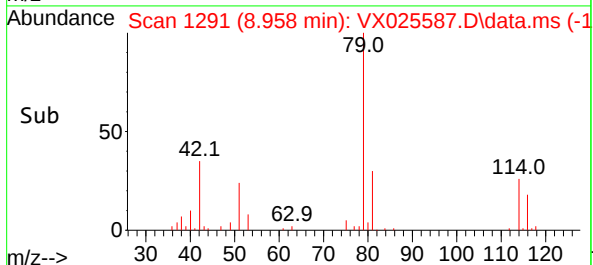
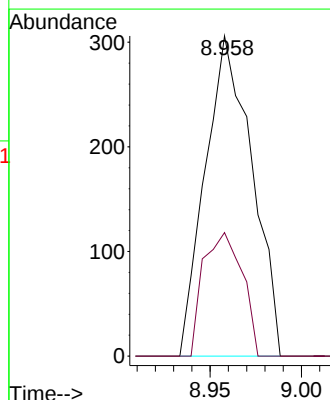
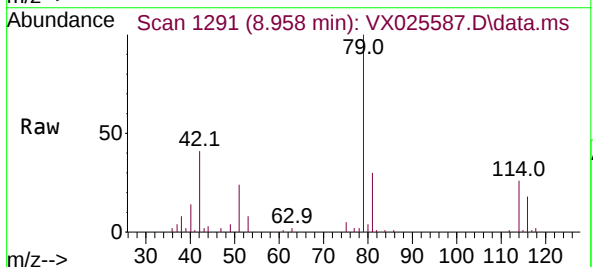
Acq: 07 Dec 2021 18:36

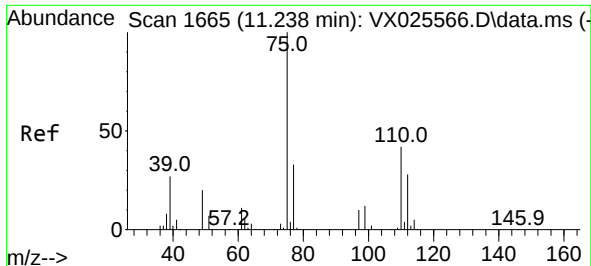
Tgt Ion: 75 Resp: 544

Ion Ratio Lower Upper

75 100

77 38.6 23.0 42.8

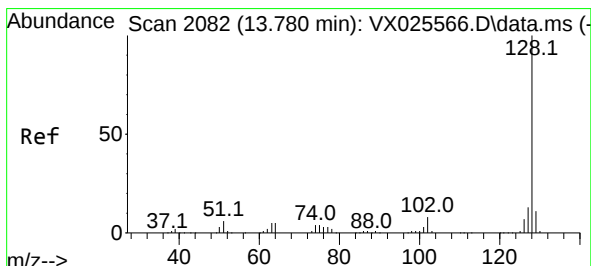
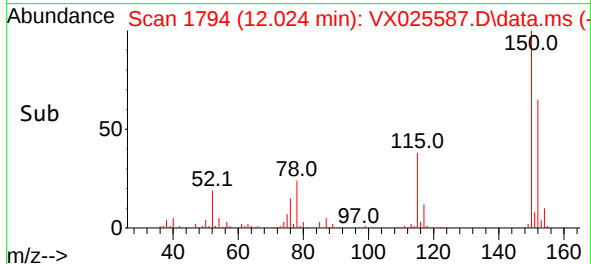
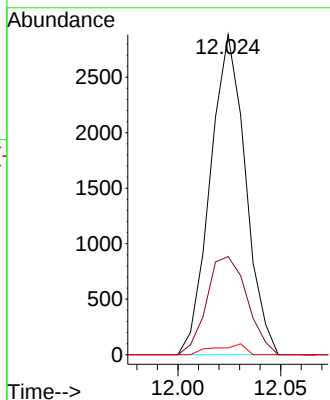
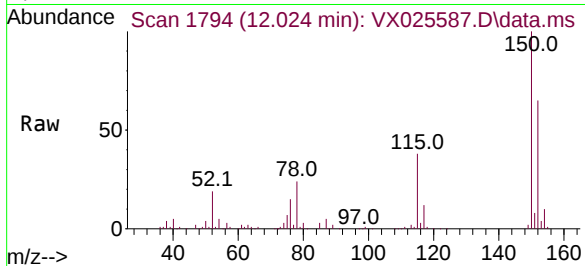




#61
1,2,3-Trichloropropane
Concen: 6.569 ug/L
RT: 12.024 min Scan# 11
Delta R.T. 0.787 min
Lab File: VX025587.D
Acq: 07 Dec 2021 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 3440
Ion Ratio Lower Upper
75 100
77 35.1 25.8 38.8
110 1.0 34.7 52.1#



#71
Naphthalene
Concen: 7.421 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025587.D
Acq: 07 Dec 2021 18:36

Tgt Ion: 128 Resp: 13896
Ion Ratio Lower Upper
128 100
127 13.9 10.1 15.1
129 11.6 8.7 13.1

