

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025928.D
 Acq On : 20 Dec 2021 20:48
 Operator : JC/MD
 Sample : M5150-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 02:04:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 21 01:32:07 2021
 Response via : Initial Calibration

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

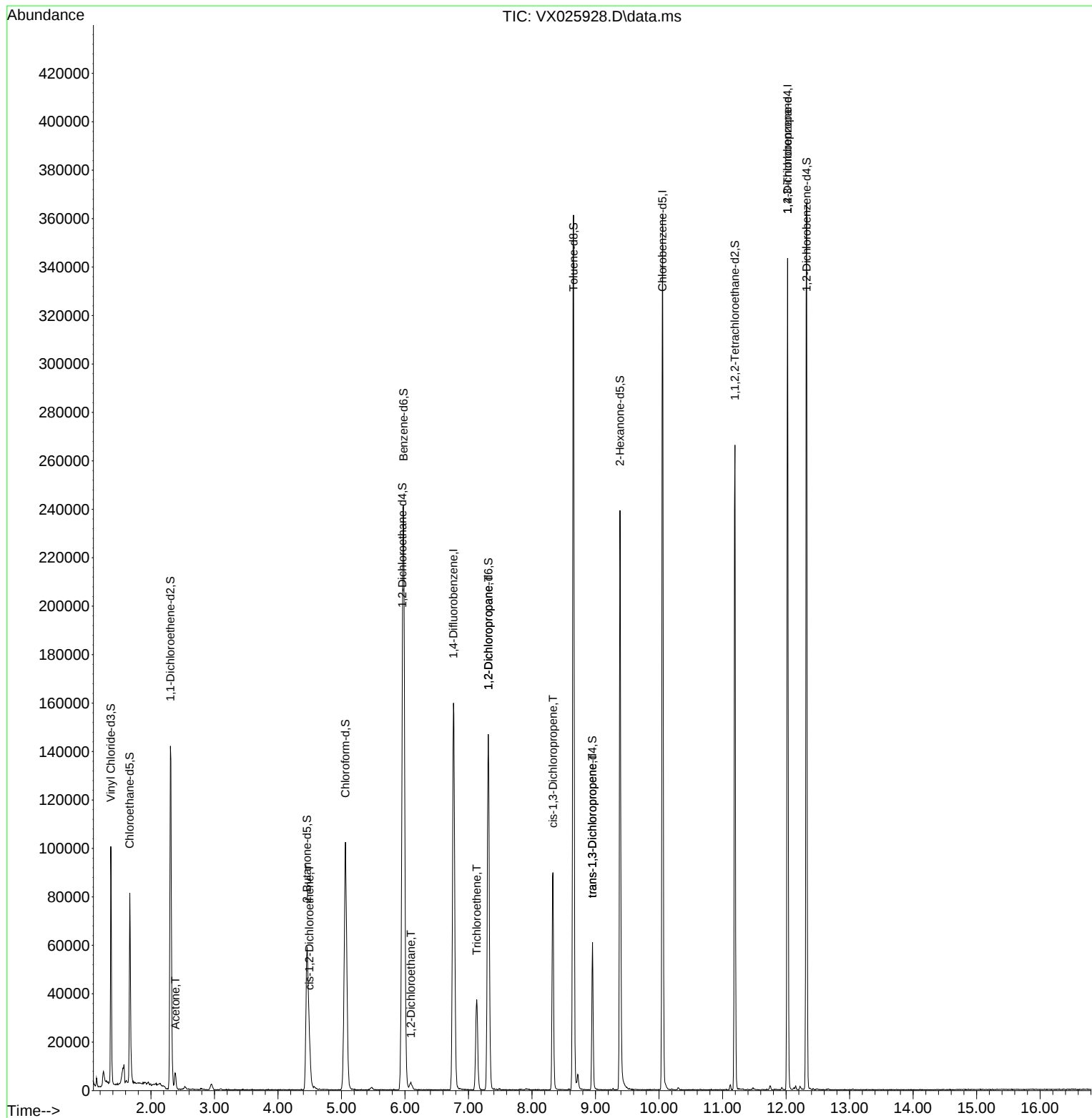
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	161683	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	157411	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67730	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	59916	45.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.940%
7) Chloroethane-d5	1.666	69	53287	48.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.900%
11) 1,1-Dichloroethene-d2	2.306	63	83150	36.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.460%
21) 2-Butanone-d5	4.458	46	98051	104.270	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.270%
24) Chloroform-d	5.062	84	116982	46.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.640%
26) 1,2-Dichloroethane-d4	5.958	65	79229	48.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
32) Benzene-d6	5.976	84	234709	49.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.440%
36) 1,2-Dichloropropane-d6	7.312	67	70519	48.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.100%
41) Toluene-d8	8.653	98	213068	47.054	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.100%
43) trans-1,3-Dichloroprop...	8.952	79	25932	40.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.860%
47) 2-Hexanone-d5	9.384	63	66113	101.253	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.250%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	98506	47.871	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.740%
66) 1,2-Dichlorobenzene-d4	12.323	152	70559	49.423	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
Target Compounds						
					Qvalue	
13) Acetone	2.386	43	7308	9.714	ug/L	91
20) cis-1,2-Dichloroethene	4.495	96	7355	5.433	ug/L	97
27) 1,2-Dichloroethane	6.092	62	2670	1.416	ug/L #	94
34) Trichloroethene	7.129	95	14344	11.134	ug/L	87
37) 1,2-Dichloropropane	7.312	63	8473	6.901	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	2297	1.265	ug/L #	65
44) trans-1,3-Dichloropropene	8.952	75	1447	0.848	ug/L	85
61) 1,2,3-Trichloropropane	12.024	75	9025	6.613	ug/L #	62

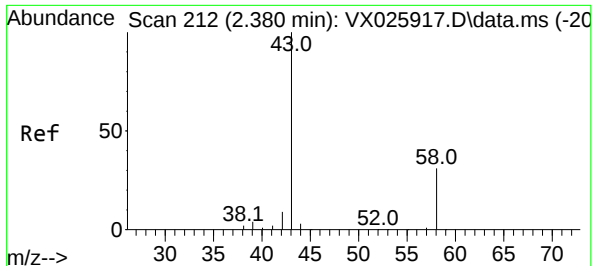
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 21 01:32:07 2021
Response via : Initial Calibration





#13

Acetone

Concen: 9.714 ug/L

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX025928.D

Acq: 20 Dec 2021 20:48

Instrument :

MSVOA_X

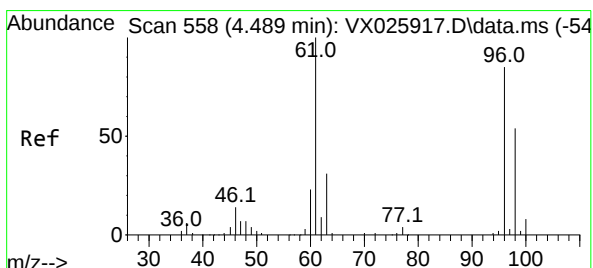
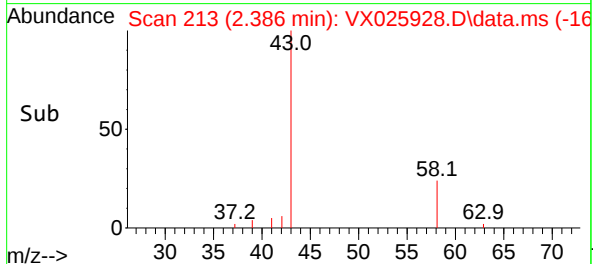
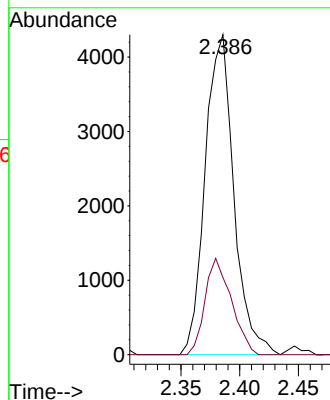
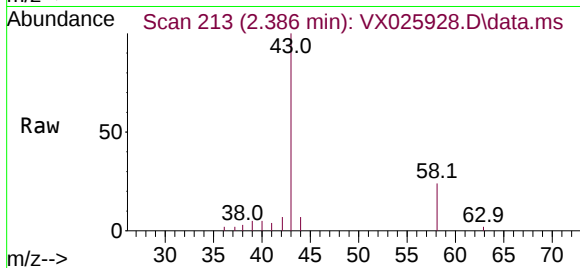
ClientSampleId :

Tgt Ion: 43 Resp: 7308

Ion Ratio Lower Upper

43 100

58 27.7 0.0 65.6



#20

cis-1,2-Dichloroethene

Concen: 5.433 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX025928.D

Acq: 20 Dec 2021 20:48

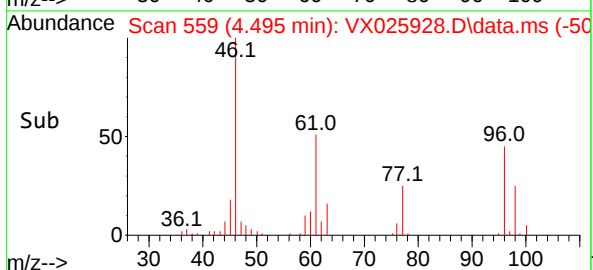
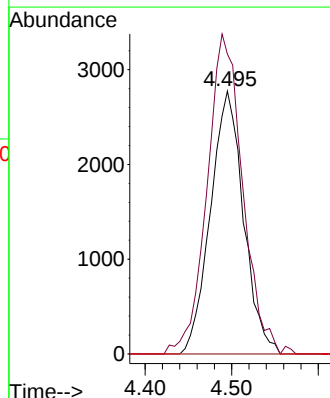
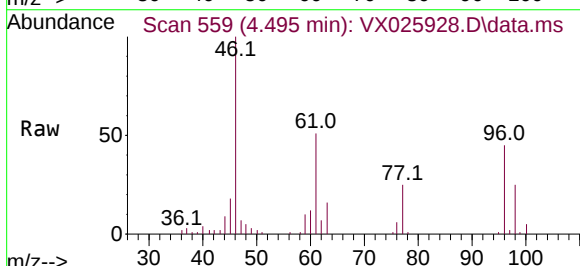
Tgt Ion: 96 Resp: 7355

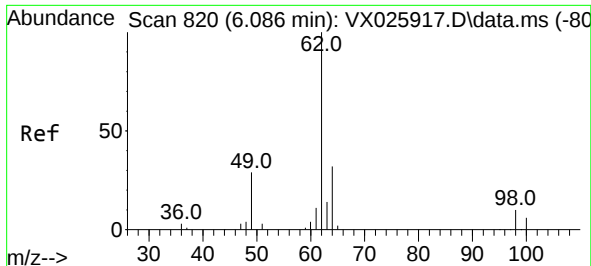
Ion Ratio Lower Upper

96 100

61 114.1 82.3 152.8

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.416 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX025928.D

Acq: 20 Dec 2021 20:48

Instrument :

MSVOA_X

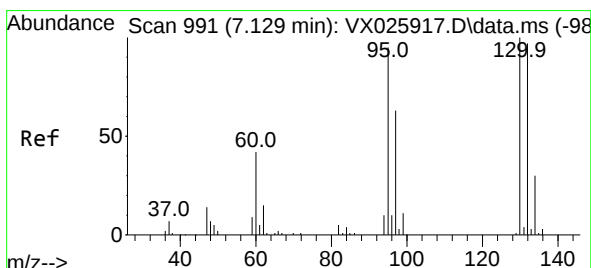
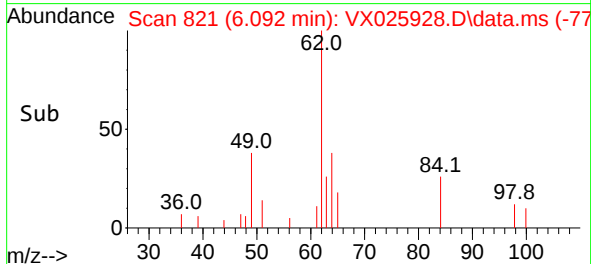
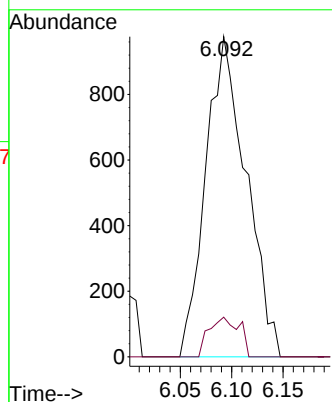
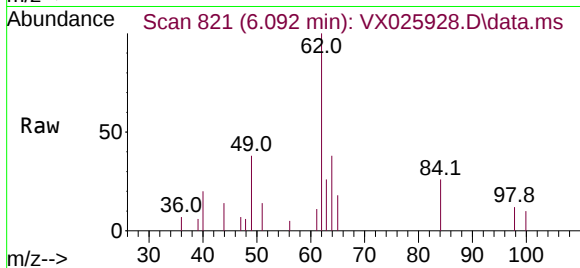
ClientSampleId :

Tgt Ion: 62 Resp: 2670

Ion Ratio Lower Upper

62 100

98 12.4 8.2 12.2#



#34

Trichloroethene

Concen: 11.134 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025928.D

Acq: 20 Dec 2021 20:48

Tgt Ion: 95 Resp: 14344

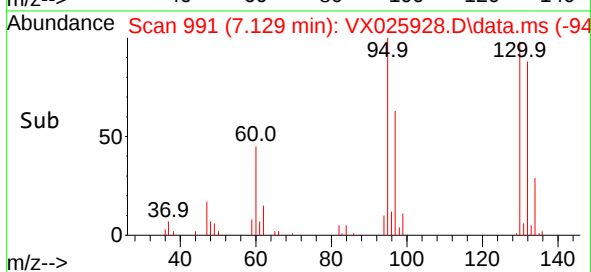
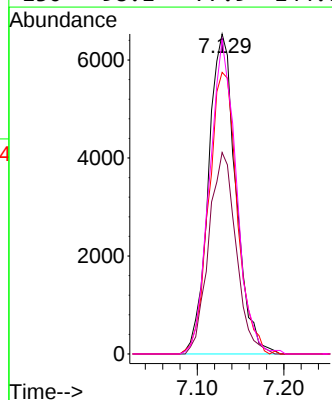
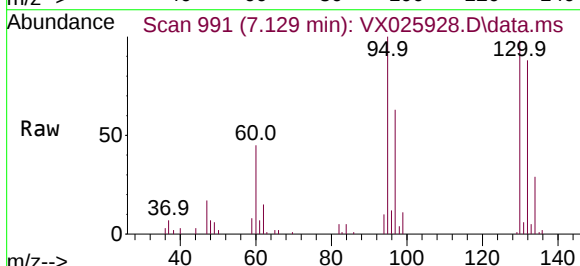
Ion Ratio Lower Upper

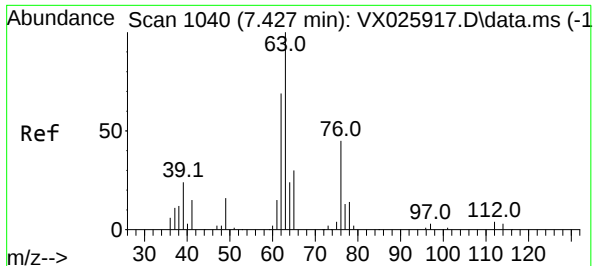
95 100

97 62.9 46.0 85.4

132 88.0 75.0 139.2

130 98.1 77.9 144.7





#37

1,2-Dichloropropane

Concen: 6.901 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX025928.D

Acq: 20 Dec 2021 20:48

Instrument :

MSVOA_X

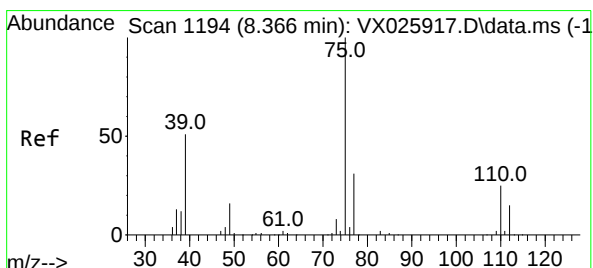
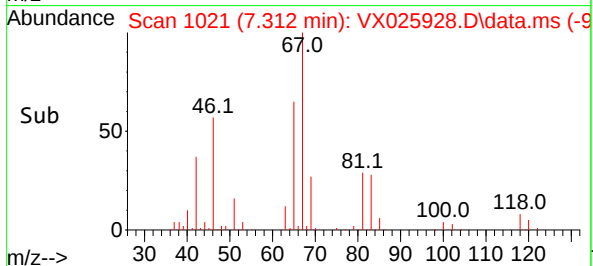
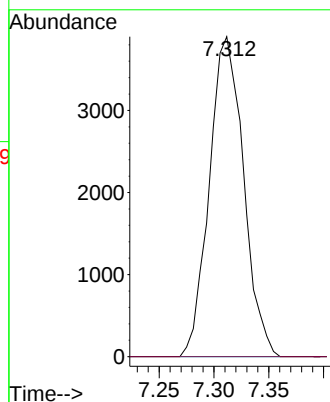
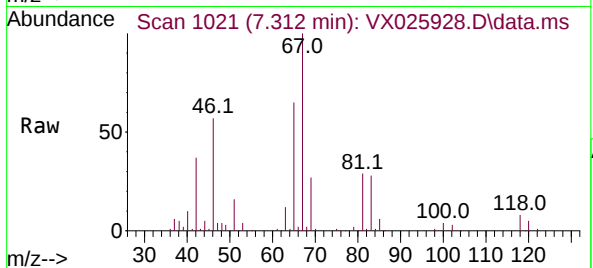
ClientSampleId :

Tgt Ion: 63 Resp: 8473

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.265 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025928.D

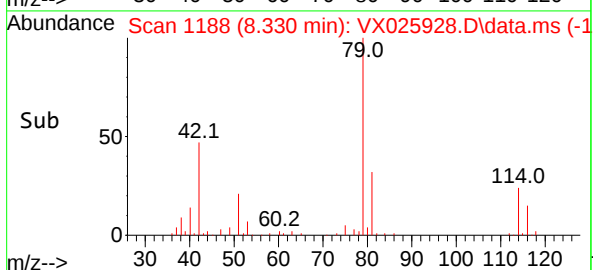
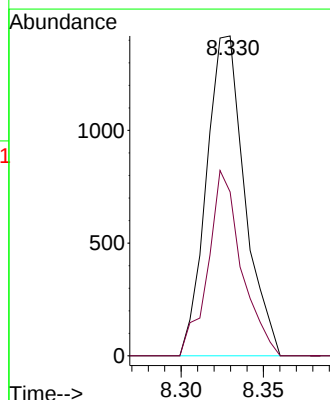
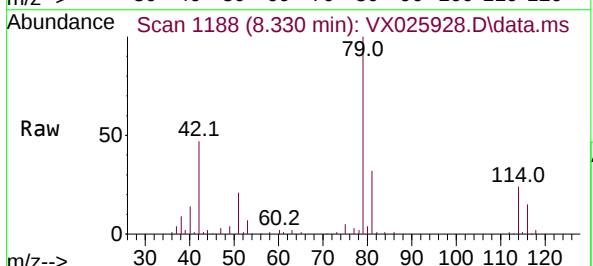
Acq: 20 Dec 2021 20:48

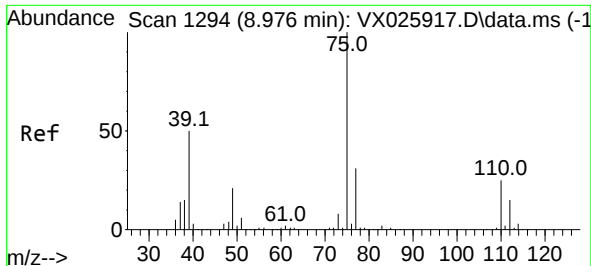
Tgt Ion: 75 Resp: 2297

Ion Ratio Lower Upper

75 100

77 51.2 22.3 41.3#

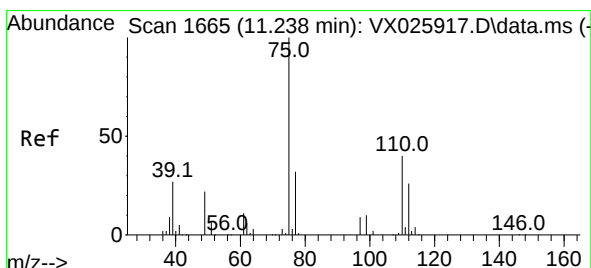
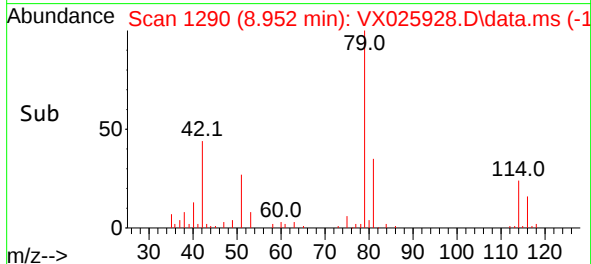
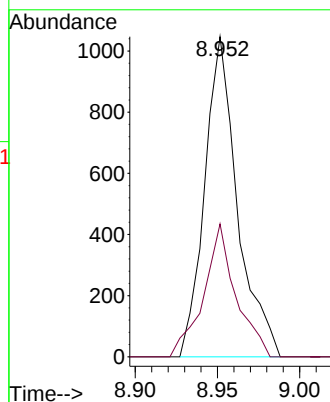
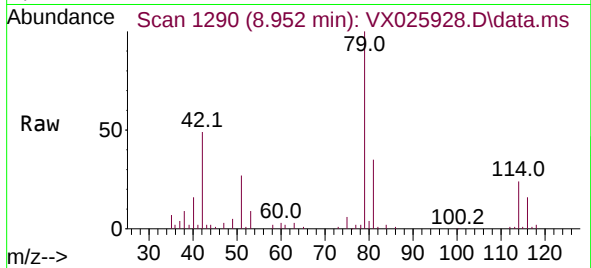




#44
trans-1,3-Dichloropropene
Concen: 0.848 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX025928.D
Acq: 20 Dec 2021 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1447
Ion Ratio Lower Upper
75 100
77 41.5 23.0 42.8



#61
1,2,3-Trichloropropane
Concen: 6.613 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025928.D
Acq: 20 Dec 2021 20:48

Tgt Ion: 75 Resp: 9025
Ion Ratio Lower Upper
75 100
77 34.6 25.8 38.8
110 3.1 34.7 52.1#

