

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025930.D
 Acq On : 20 Dec 2021 21:35
 Operator : JC/MD
 Sample : M5150-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 02:05:08 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)

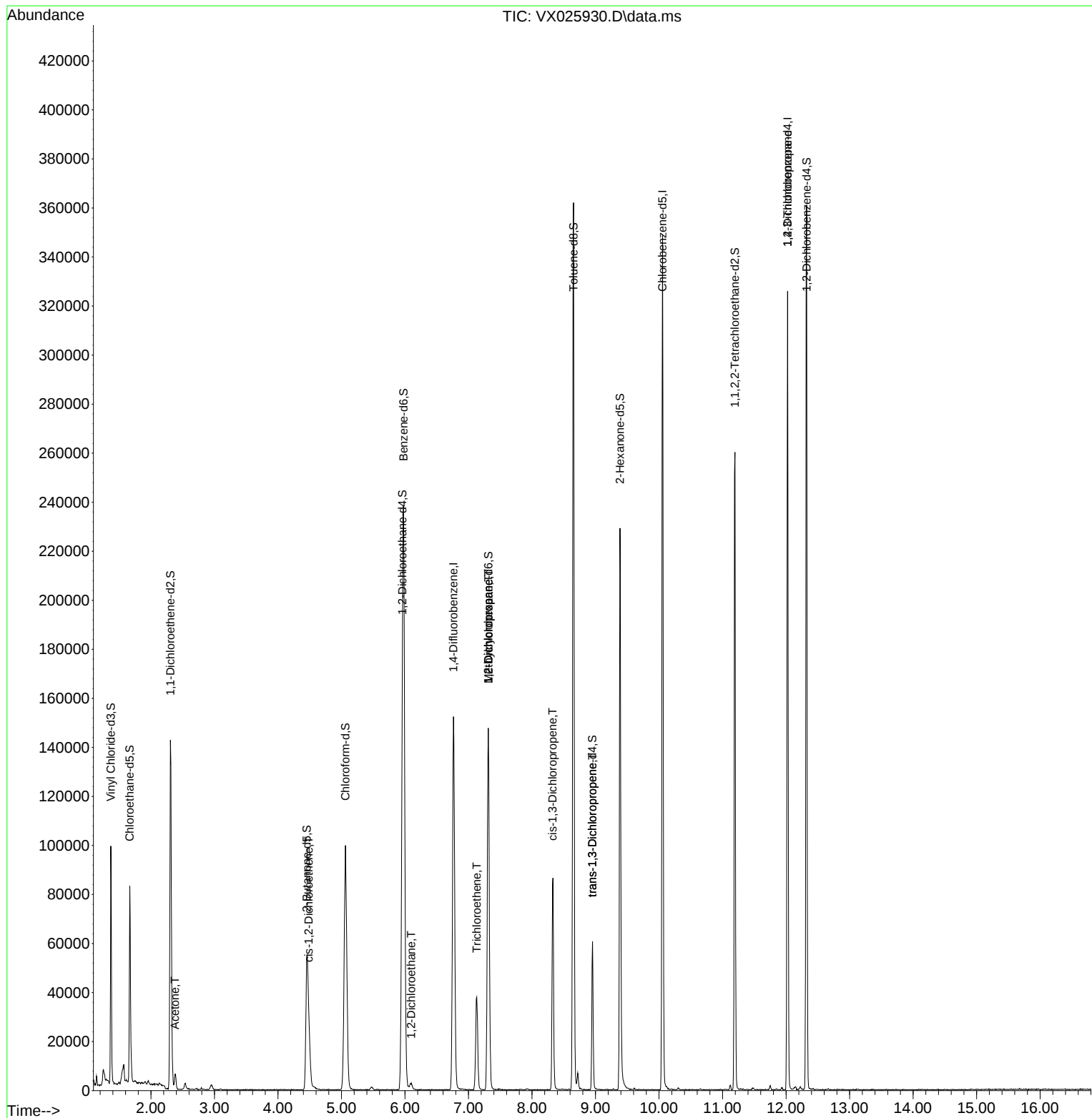
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	151451	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64083	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57846	47.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.760%
7) Chloroethane-d5	1.666	69	51672	50.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.360%
11) 1,1-Dichloroethene-d2	2.307	63	82317	38.815	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.640%
21) 2-Butanone-d5	4.452	46	94537	107.325	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.330%
24) Chloroform-d	5.062	84	115934	49.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.060%
26) 1,2-Dichloroethane-d4	5.958	65	79732	52.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.460%
32) Benzene-d6	5.977	84	231377	51.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.680%
36) 1,2-Dichloropropane-d6	7.312	67	69587	50.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.380%
41) Toluene-d8	8.653	98	211682	49.468	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.940%
43) trans-1,3-Dichloroprop...	8.952	79	26179	43.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.380%
47) 2-Hexanone-d5	9.384	63	64239	104.107	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.110%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	96803	49.780	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.560%
66) 1,2-Dichlorobenzene-d4	12.323	152	69575	51.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.020%
Target Compounds						
					Qvalue	
13) Acetone	2.380	43	7179	10.187	ug/L	90
20) cis-1,2-Dichloroethene	4.483	96	3077	2.426	ug/L	96
27) 1,2-Dichloroethane	6.098	62	2761	1.563	ug/L	97
34) Trichloroethene	7.129	95	14061	11.549	ug/L	90
35) Methylcyclohexane	7.312	83	17492	9.939	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	8532	7.353	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	2233	1.301	ug/L #	73
44) trans-1,3-Dichloropropene	8.952	75	1515	0.940	ug/L	90
61) 1,2,3-Trichloropropane	12.024	75	8432	6.530	ug/L #	61

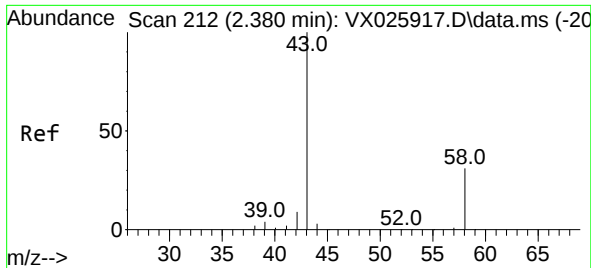
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 10.187 ug/L

RT: 2.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025930.D

Acq: 20 Dec 2021 21:35

Instrument :

MSVOA_X

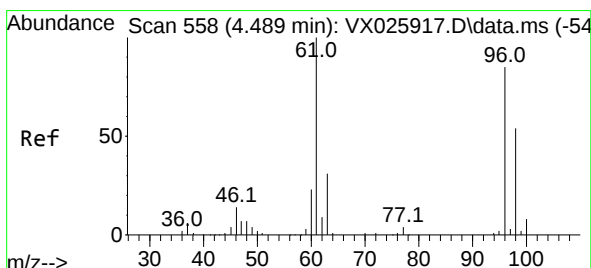
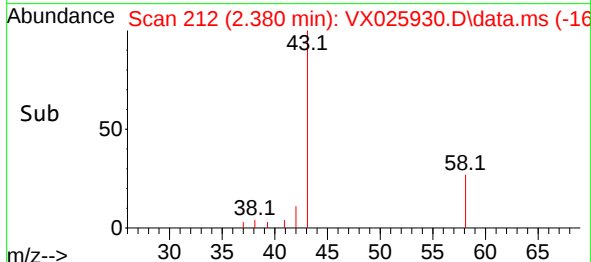
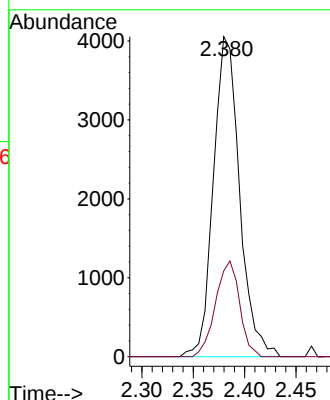
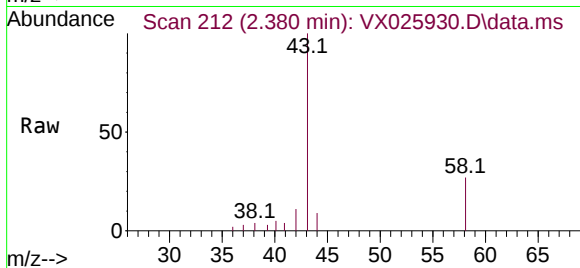
ClientSampleId :

Tgt Ion: 43 Resp: 7179

Ion Ratio Lower Upper

43 100

58 27.4 0.0 65.6



#20

cis-1,2-Dichloroethene

Concen: 2.426 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX025930.D

Acq: 20 Dec 2021 21:35

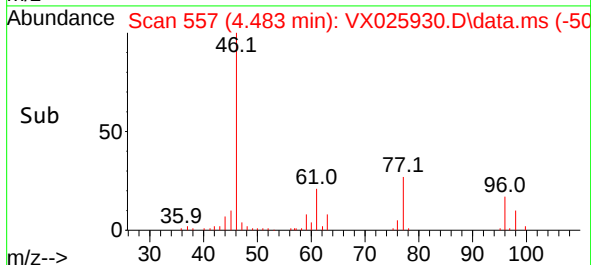
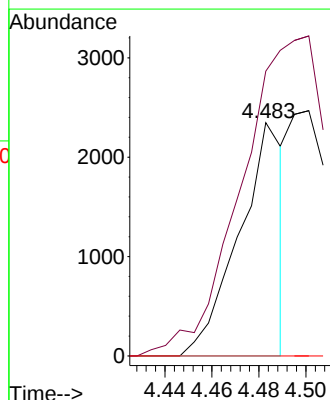
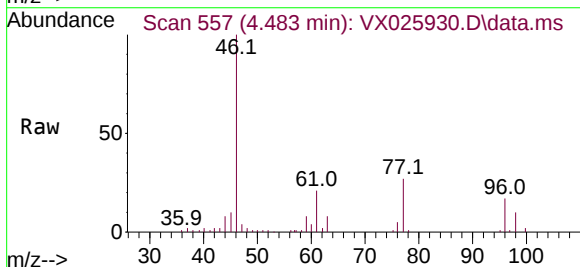
Tgt Ion: 96 Resp: 3077

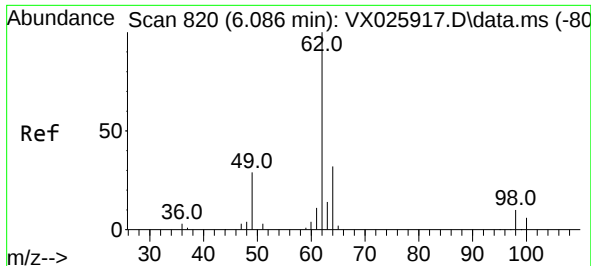
Ion Ratio Lower Upper

96 100

61 122.1 82.3 152.8

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.563 ug/L

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX025930.D

Acq: 20 Dec 2021 21:35

Instrument :

MSVOA_X

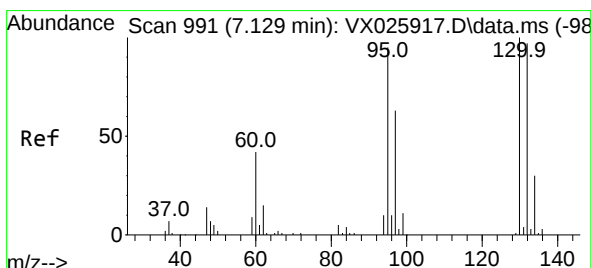
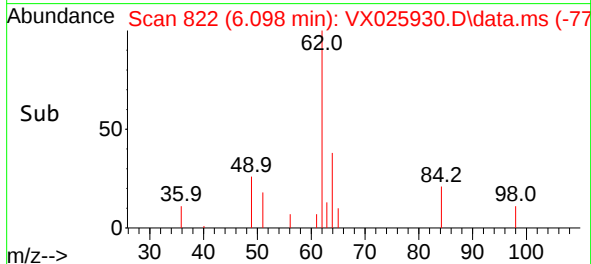
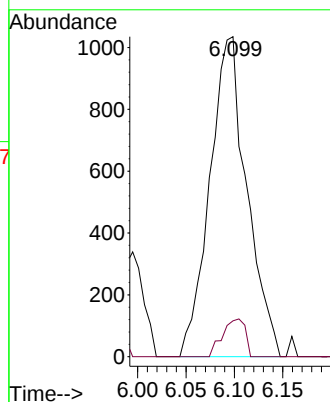
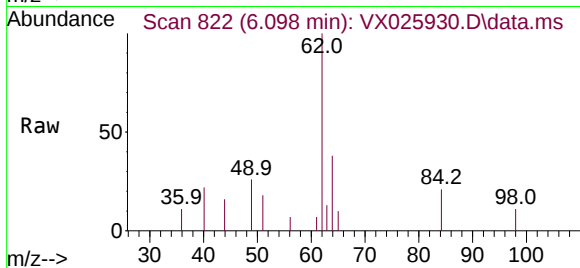
ClientSampleId :

Tgt Ion: 62 Resp: 2761

Ion Ratio Lower Upper

62 100

98 11.2 8.2 12.2



#34

Trichloroethene

Concen: 11.549 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX025930.D

Acq: 20 Dec 2021 21:35

Tgt Ion: 95 Resp: 14061

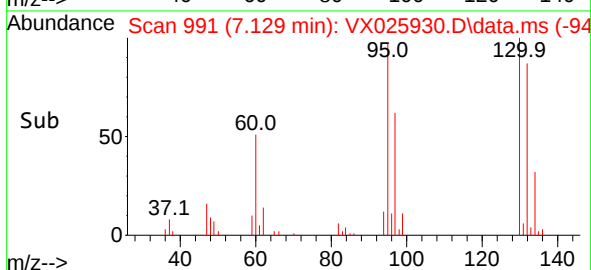
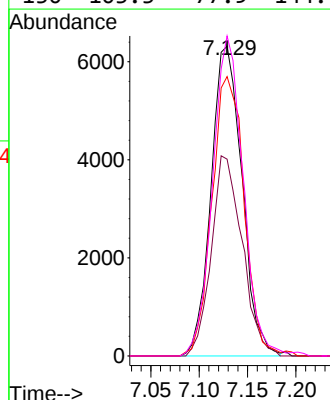
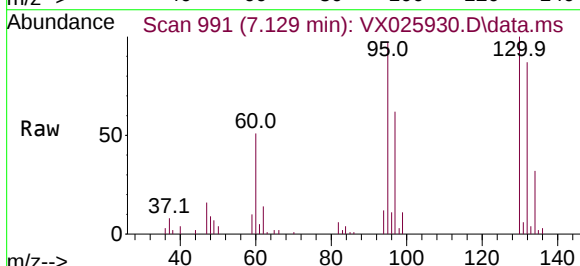
Ion Ratio Lower Upper

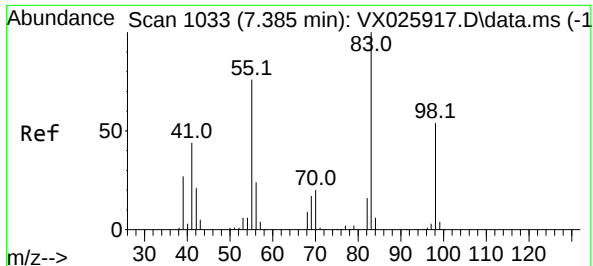
95 100

97 63.6 46.0 85.4

132 90.2 75.0 139.2

130 103.3 77.9 144.7





#35

Methylcyclohexane

Concen: 9.939 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025930.D

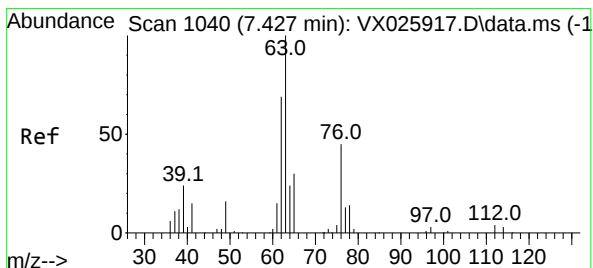
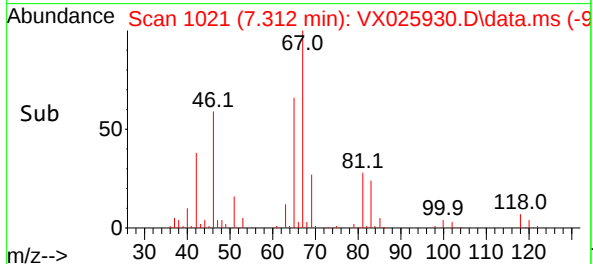
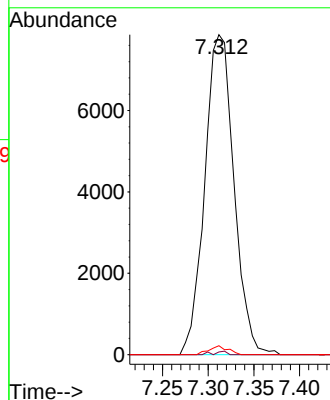
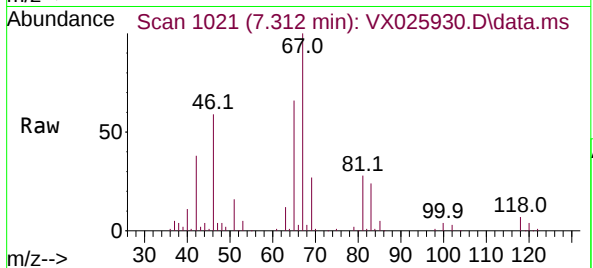
Acq: 20 Dec 2021 21:35

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 17492
Ion Ratio	Lower Upper
83 100	
55 0.3	57.3 85.9#
98 1.8	41.1 61.7#



#37

1,2-Dichloropropane

Concen: 7.353 ug/L

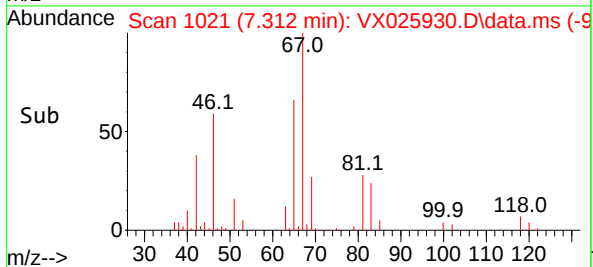
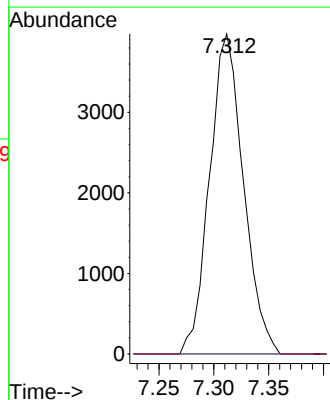
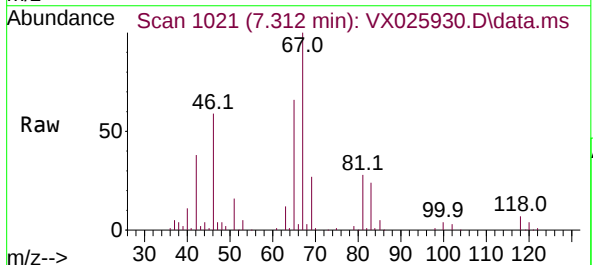
RT: 7.312 min Scan# 1021

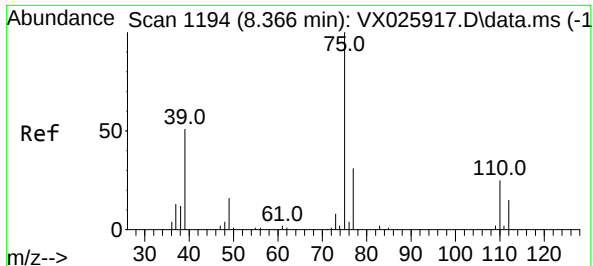
Delta R.T. -0.116 min

Lab File: VX025930.D

Acq: 20 Dec 2021 21:35

Tgt Ion: 63	Resp: 8532
Ion Ratio	Lower Upper
63 100	
112 0.0	4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.301 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX025930.D

Acq: 20 Dec 2021 21:35

Instrument :

MSVOA_X

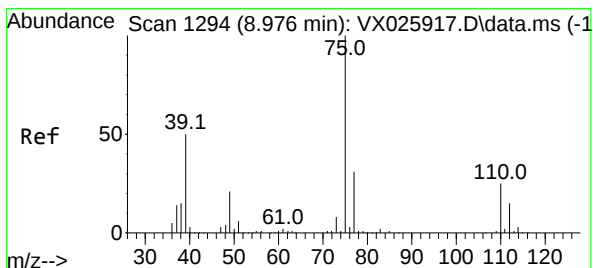
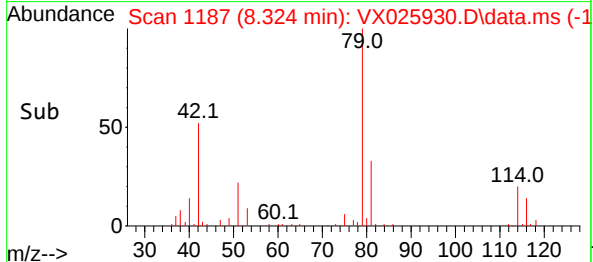
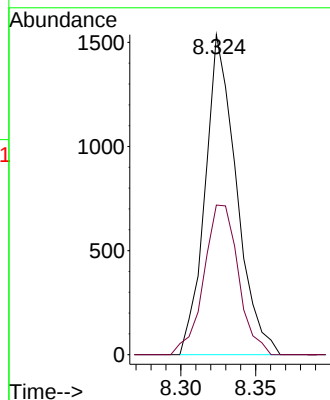
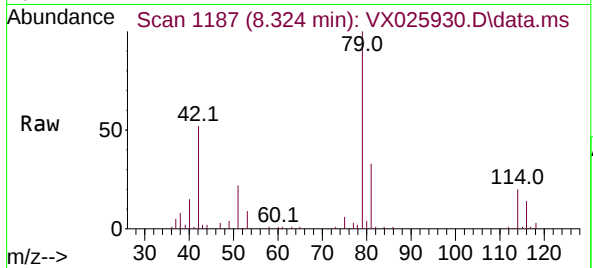
ClientSampleId :

Tgt Ion: 75 Resp: 2233

Ion Ratio Lower Upper

75 100

77 46.8 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.940 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX025930.D

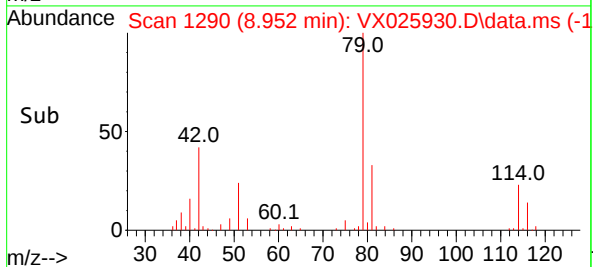
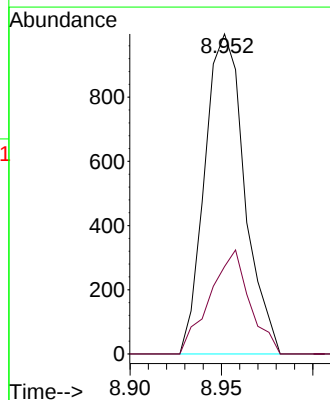
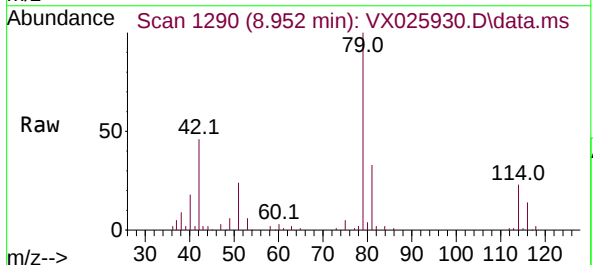
Acq: 20 Dec 2021 21:35

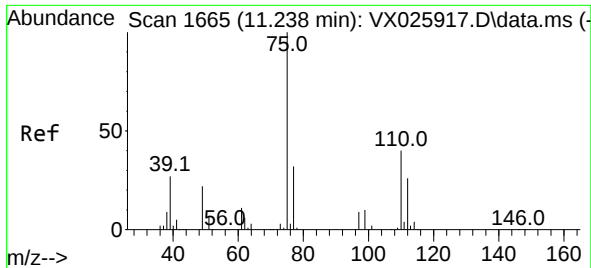
Tgt Ion: 75 Resp: 1515

Ion Ratio Lower Upper

75 100

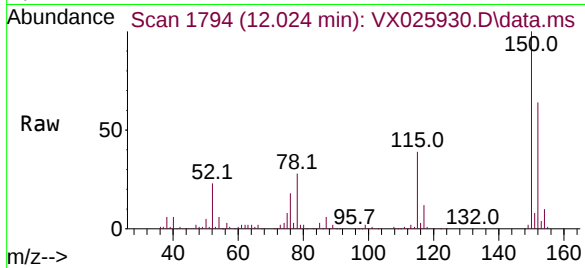
77 27.3 23.0 42.8





#61
 1,2,3-Trichloropropane
 Concen: 6.530 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.787 min
 Lab File: VX025930.D
 Acq: 20 Dec 2021 21:35

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 8432
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.8 38.8
 110 3.3 34.7 52.1#

