

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025733.D
 Acq On : 11 Dec 2021 11:06
 Operator : JC/MD
 Sample : VX1211WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK652

Quant Time: Dec 12 06:34:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

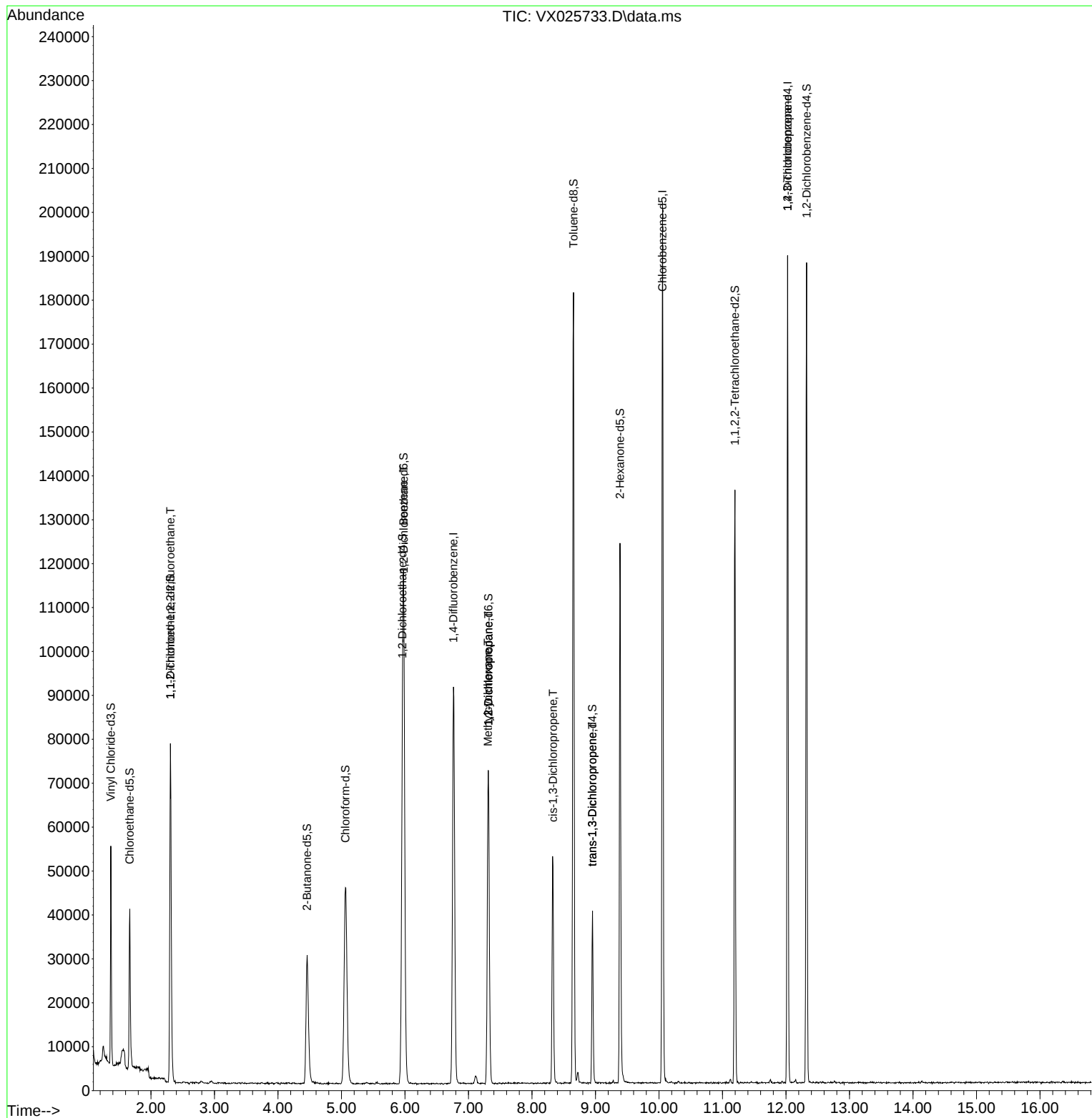
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	93572	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	87298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	37953	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	28995	45.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.800%
7) Chloroethane-d5	1.666	69	25571	48.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.040%
11) 1,1-Dichloroethene-d2	2.307	63	42484	41.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.440%
21) 2-Butanone-d5	4.459	46	49382	103.883	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.880%
24) Chloroform-d	5.062	84	56959	51.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.080%
26) 1,2-Dichloroethane-d4	5.958	65	39106	56.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.420%
32) Benzene-d6	5.977	84	114492	49.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
36) 1,2-Dichloropropane-d6	7.312	67	34532	48.206	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.420%
41) Toluene-d8	8.653	98	104251	47.737	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	8.952	79	17055	47.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.720%
47) 2-Hexanone-d5	9.385	63	35254	94.544	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.540%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	51555	50.924	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.840%
66) 1,2-Dichlorobenzene-d4	12.323	152	36035	48.409	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.820%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	451	0.832	ug/L #	17
27) 1,2-Dichloroethane	5.983	62	716	0.934	ug/L #	73
35) Methylcyclohexane	7.306	83	8751	9.064	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	3965	6.778	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1221	1.282	ug/L #	57
44) trans-1,3-Dichloropropene	8.952	75	865	0.945	ug/L	84
61) 1,2,3-Trichloropropane	12.024	75	4906	7.556	ug/L #	63

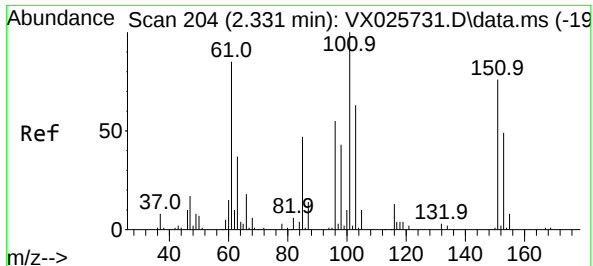
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.832 ug/L

RT: 2.307 min Scan# 204

Delta R.T. -0.024 min

Lab File: VX025733.D

Acq: 11 Dec 2021 11:06

Instrument :

MSVOA_X

ClientSampleId :

VBLK652

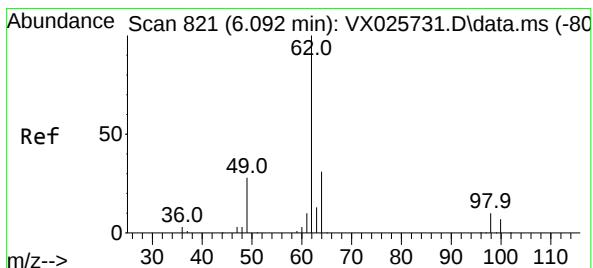
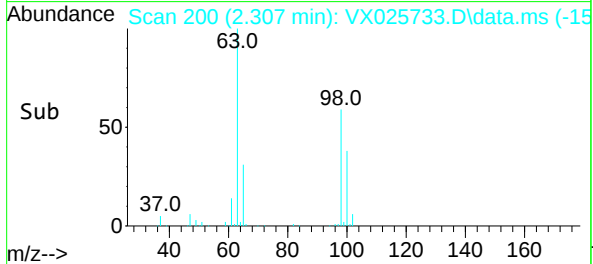
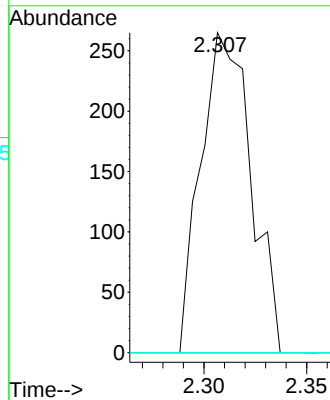
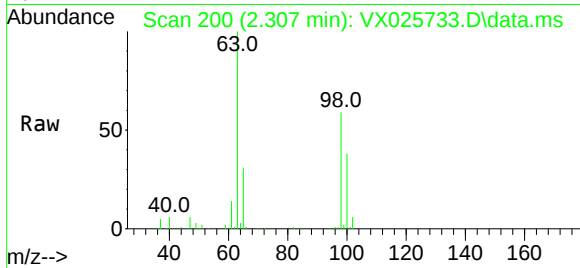
Tgt Ion:101 Resp: 451

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

151 0.0 65.2 97.8#



#27

1,2-Dichloroethane

Concen: 0.934 ug/L

RT: 5.983 min Scan# 803

Delta R.T. -0.110 min

Lab File: VX025733.D

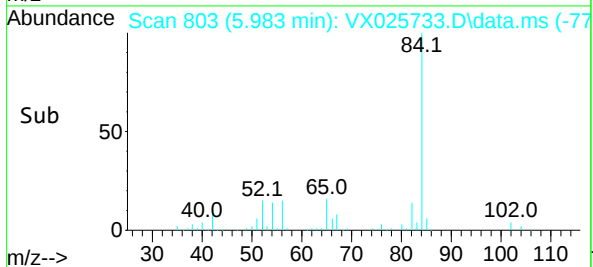
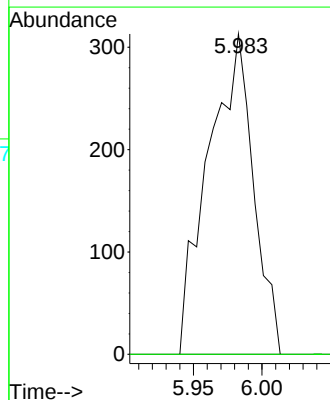
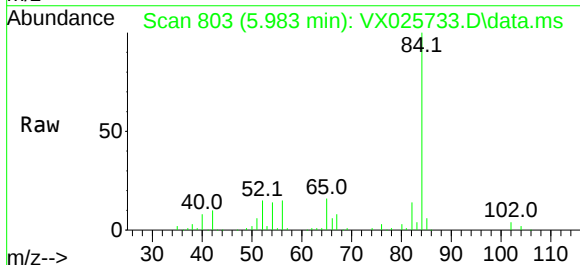
Acq: 11 Dec 2021 11:06

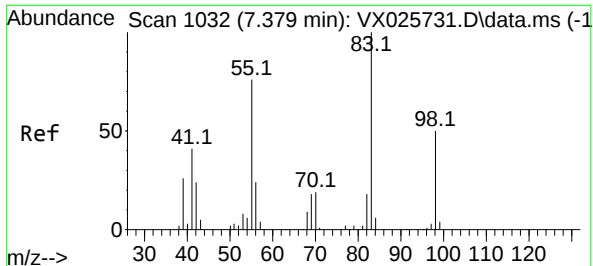
Tgt Ion: 62 Resp: 716

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#





#35

Methylcyclohexane

Concen: 9.064 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.079 min

Lab File: VX025733.D

Acq: 11 Dec 2021 11:06

Instrument :

MSVOA_X

ClientSampleId :

VBLK652

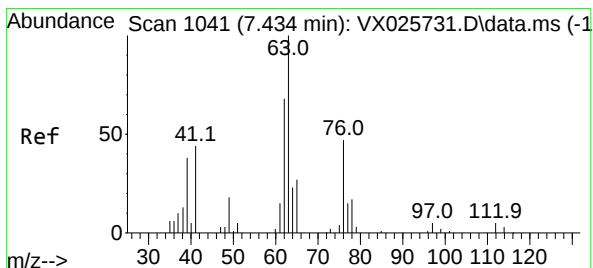
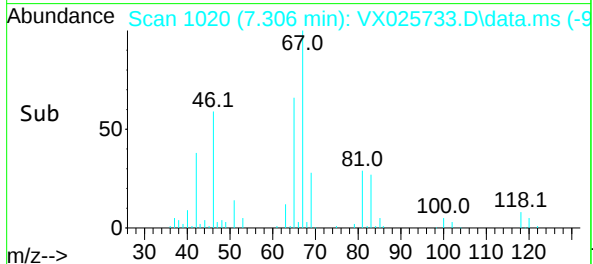
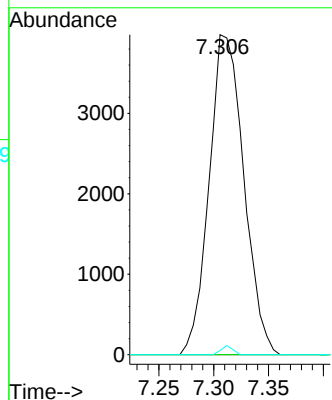
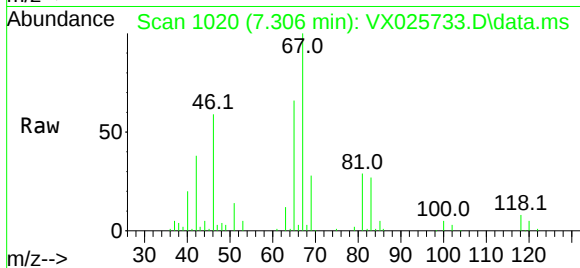
Tgt Ion: 83 Resp: 8751

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.0 41.1 61.7#



#37

1,2-Dichloropropane

Concen: 6.778 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX025733.D

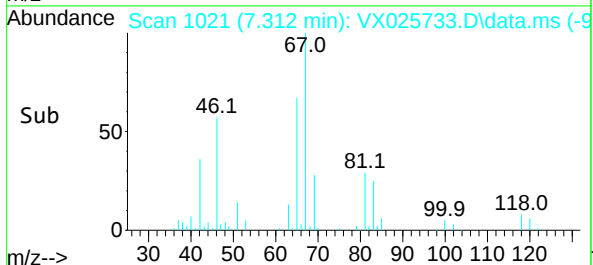
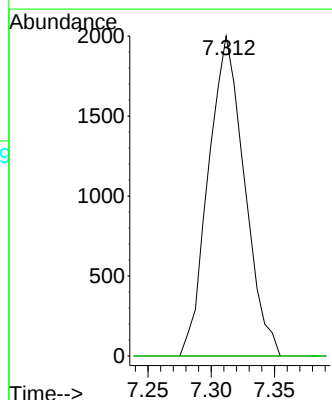
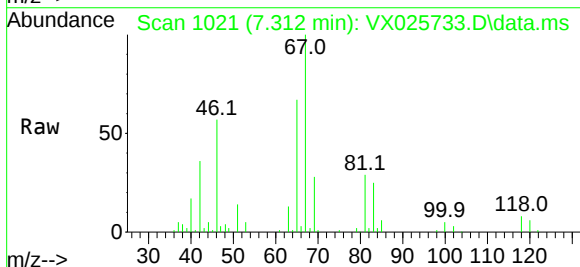
Acq: 11 Dec 2021 11:06

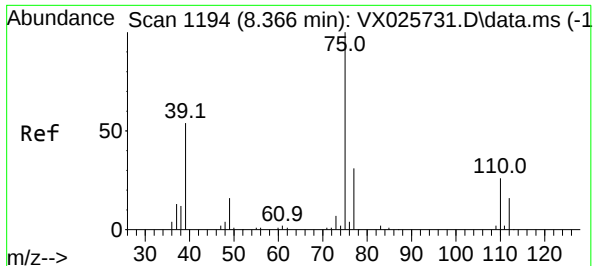
Tgt Ion: 63 Resp: 3965

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.282 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025733.D

Acq: 11 Dec 2021 11:06

Instrument :

MSVOA_X

ClientSampleId :

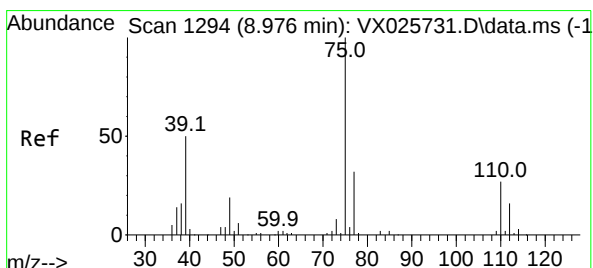
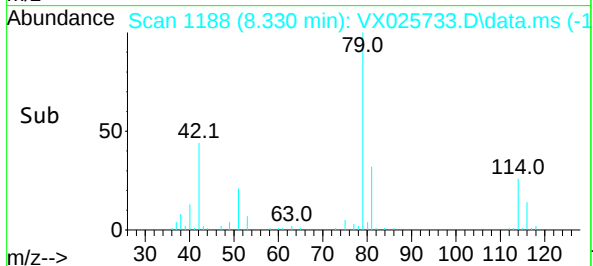
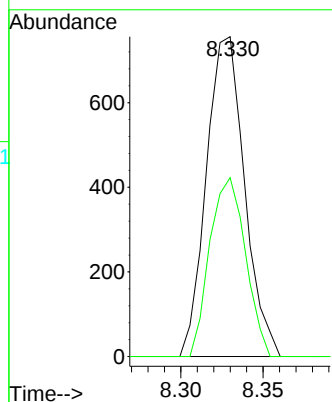
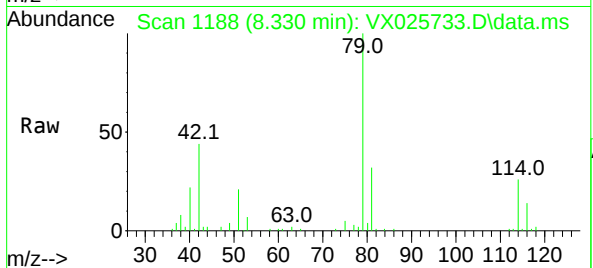
VBLK652

Tgt Ion: 75 Resp: 1221

Ion Ratio Lower Upper

75 100

77 56.0 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX025733.D

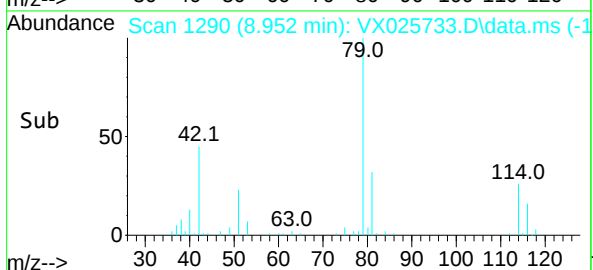
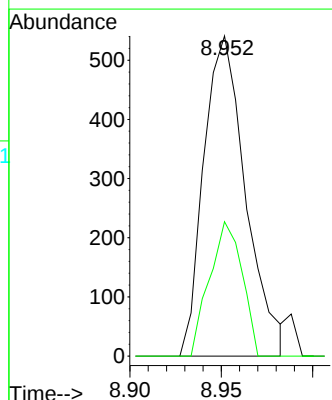
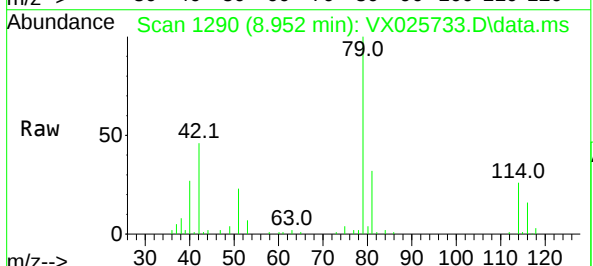
Acq: 11 Dec 2021 11:06

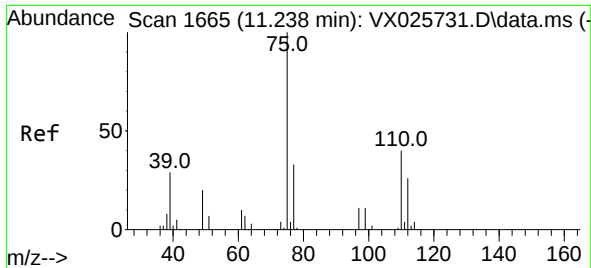
Tgt Ion: 75 Resp: 865

Ion Ratio Lower Upper

75 100

77 42.0 23.0 42.8





#61

1,2,3-Trichloropropane

Concen: 7.556 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.786 min

Lab File: VX025733.D

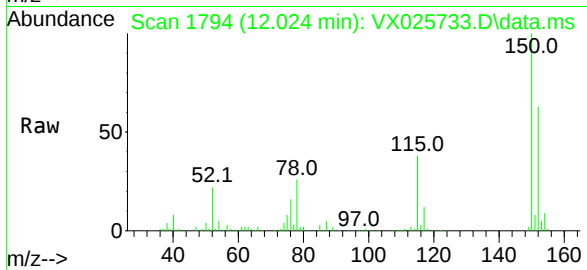
Acq: 11 Dec 2021 11:06

Instrument :

MSVOA_X

ClientSampleId :

VBLK652



Tgt Ion: 75 Resp: 4906

Ion Ratio Lower Upper

75 100

77 34.2 25.8 38.8

110 3.3 34.7 52.1#

