

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025752.D
 Acq On : 11 Dec 2021 18:43
 Operator : JC/MD
 Sample : M5026-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0D02

Quant Time: Dec 12 06:36:30 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)

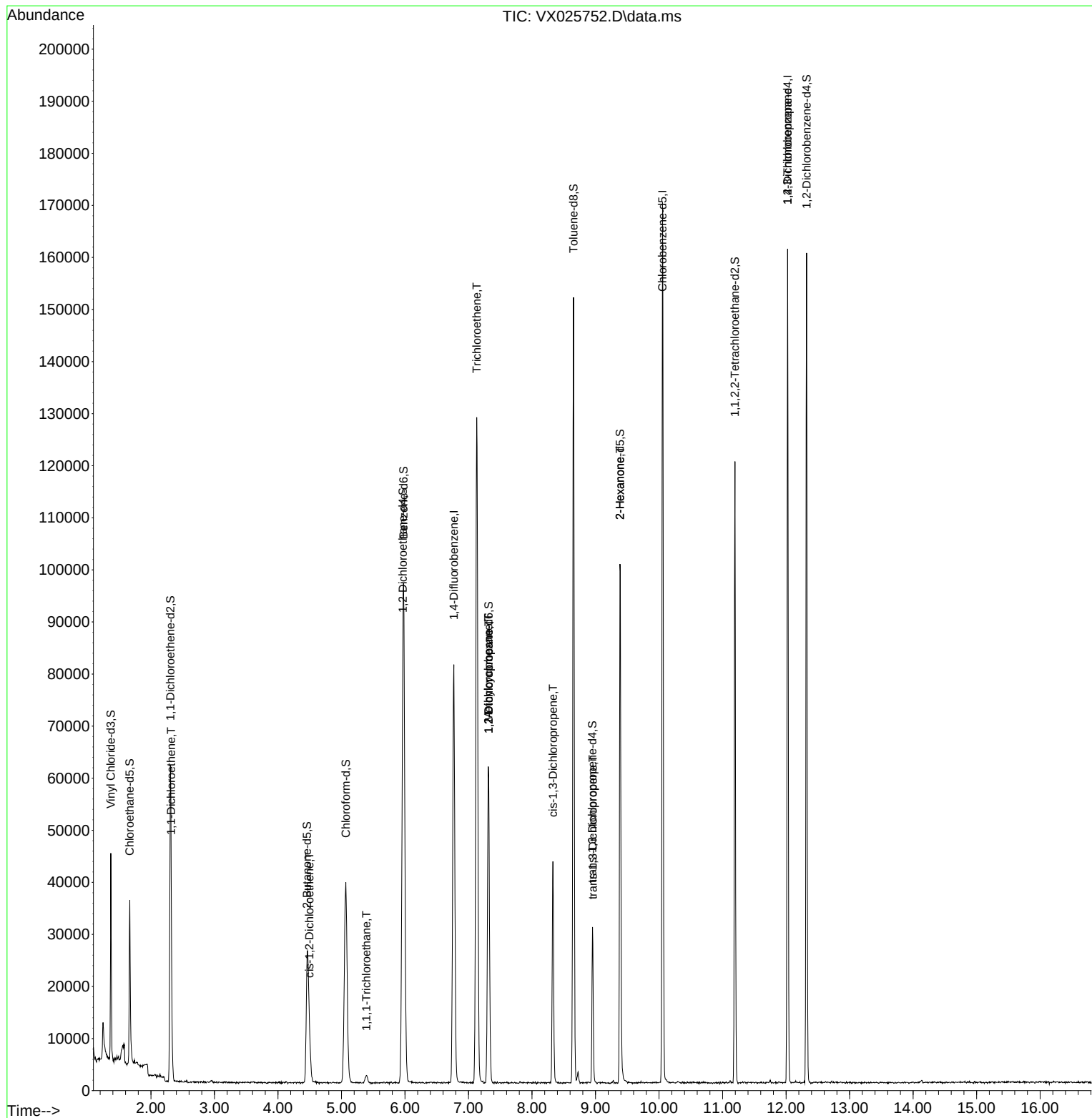
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	80662	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	75816	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	21352	38.788	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.580%
7) Chloroethane-d5	1.666	69	19891	43.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	2.306	63	33489	38.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.300%
21) 2-Butanone-d5	4.458	46	42741	104.303	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.300%
24) Chloroform-d	5.068	84	47687	49.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.140%
26) 1,2-Dichloroethane-d4	5.964	65	32342	53.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.860%
32) Benzene-d6	5.976	84	92595	46.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
36) 1,2-Dichloropropane-d6	7.318	67	29679	47.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.420%
41) Toluene-d8	8.653	98	85517	45.089	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.180%
43) trans-1,3-Dichloroprop...	8.951	79	13458	43.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.060%
47) 2-Hexanone-d5	9.384	63	29129	89.949	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.950%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	43362	49.318	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.640%
66) 1,2-Dichlorobenzene-d4	12.323	152	30525	47.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.318	96	2712	6.261	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	3312	6.027	ug/L	90
30) 1,1,1-Trichloroethane	5.391	97	1684	2.012	ug/L #	58
34) Trichloroethene	7.129	95	48069	90.232	ug/L	95
35) Methylcyclohexane	7.311	83	7320	8.730	ug/L #	20
37) 1,2-Dichloropropane	7.318	63	3511	6.911	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1079	1.304	ug/L #	58
44) trans-1,3-Dichloropropene	8.958	75	672	0.845	ug/L	96
48) 2-Hexanone	9.384	43	4012	6.158	ug/L #	66
61) 1,2,3-Trichloropropane	12.024	75	4210	7.552	ug/L #	64

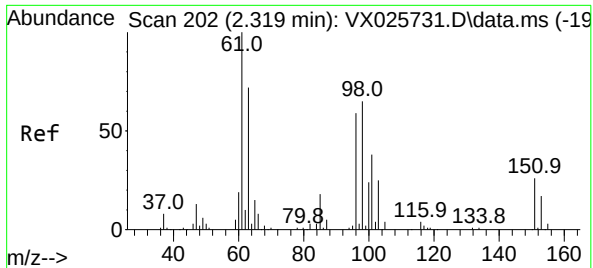
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 6.261 ug/L

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

Instrument :

MSVOA_X

ClientSampleId :

C0D02

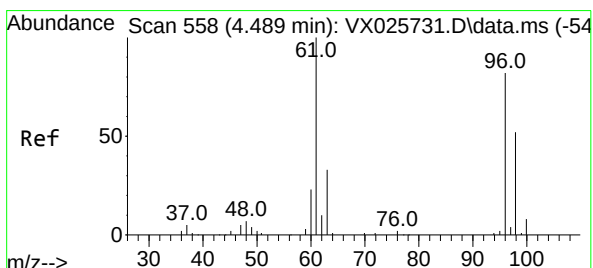
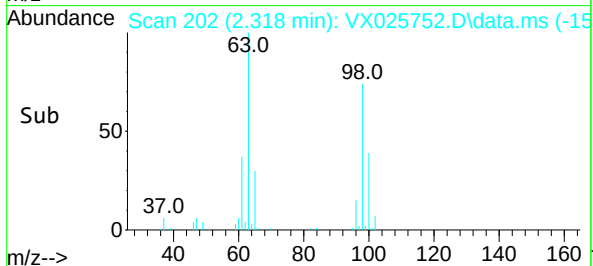
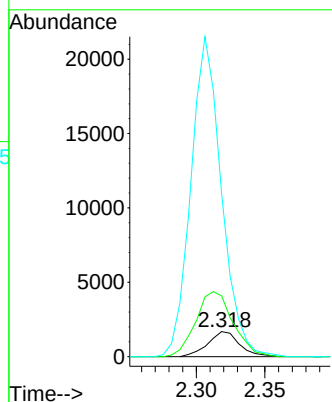
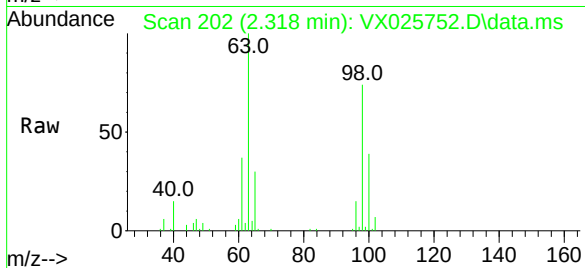
Tgt Ion: 96 Resp: 2712

Ion Ratio Lower Upper

96 100

61 241.7 108.7 201.9#

63 647.1 76.3 141.7#



#20

cis-1,2-Dichloroethene

Concen: 6.027 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

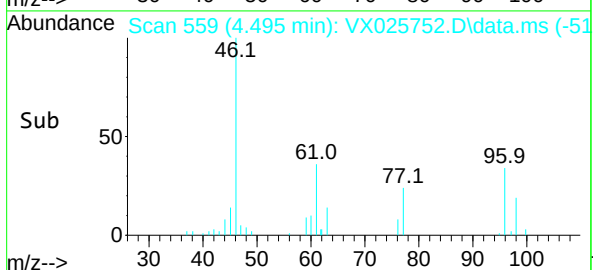
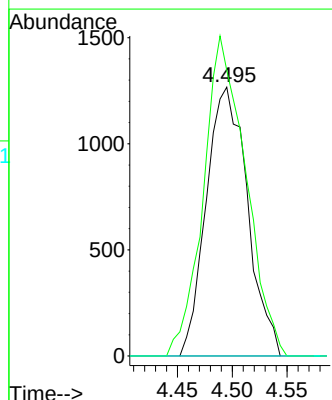
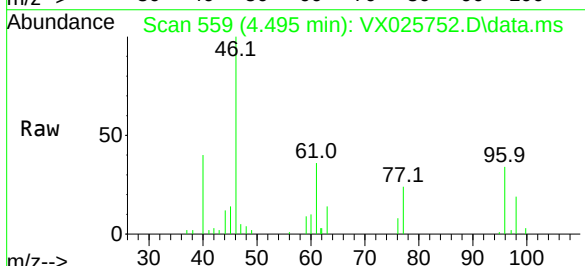
Tgt Ion: 96 Resp: 3312

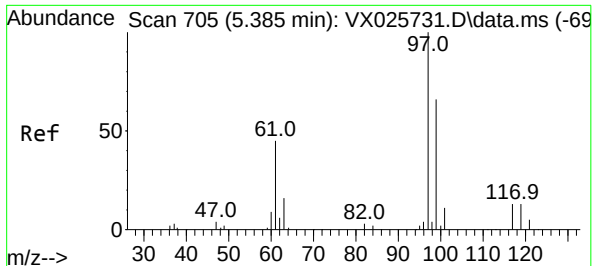
Ion Ratio Lower Upper

96 100

61 106.2 82.3 152.8

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 2.012 ug/L

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

Instrument :

MSVOA_X

ClientSampleId :

C0D02

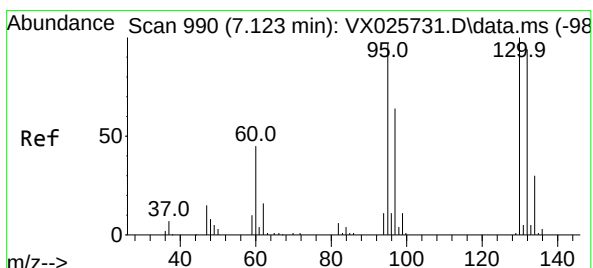
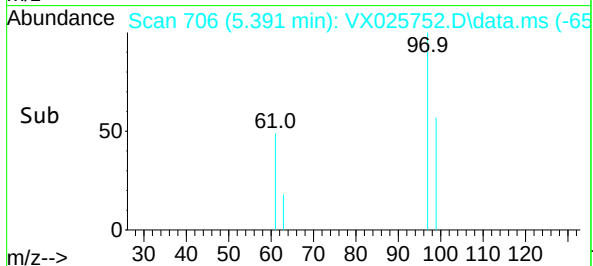
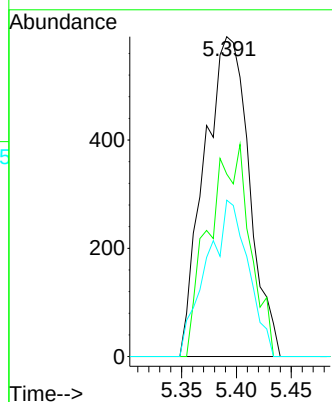
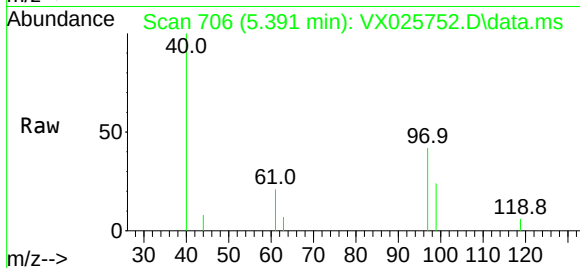
Tgt Ion: 97 Resp: 1684

Ion Ratio Lower Upper

97 100

99 22.2 51.5 77.3#

61 26.4 33.1 49.7#



#34

Trichloroethene

Concen: 90.232 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

Tgt Ion: 95 Resp: 48069

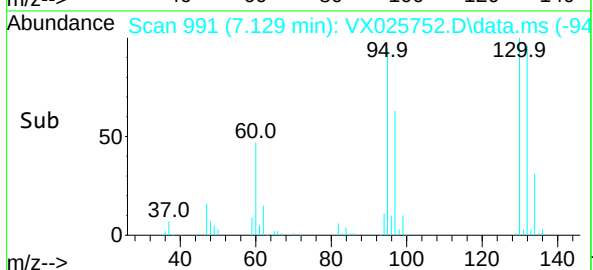
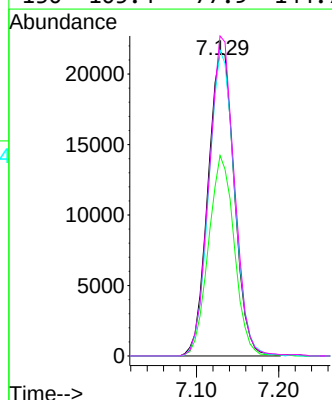
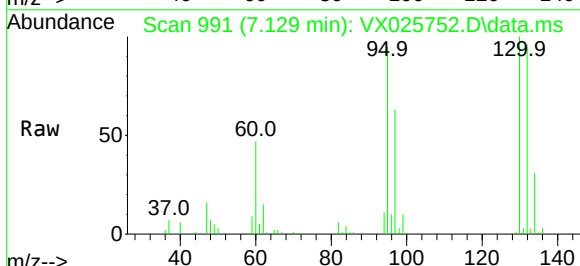
Ion Ratio Lower Upper

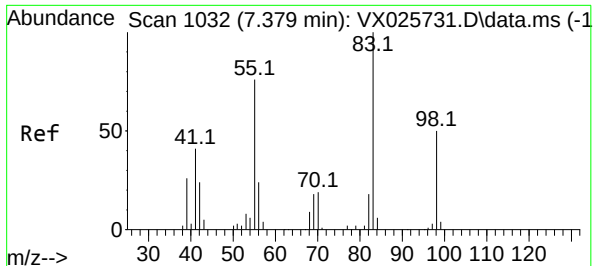
95 100

97 66.0 46.0 85.4

132 100.7 75.0 139.2

130 105.4 77.9 144.7





#35

Methylcyclohexane

Concen: 8.730 ug/L

RT: 7.311 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

Instrument :

MSVOA_X

ClientSampleId :

C0D02

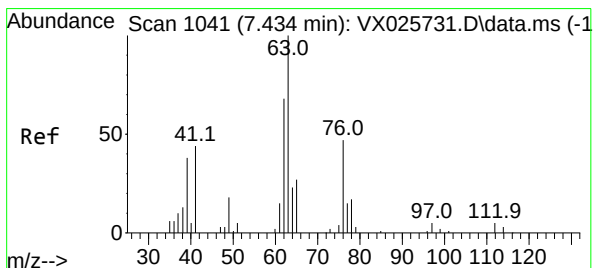
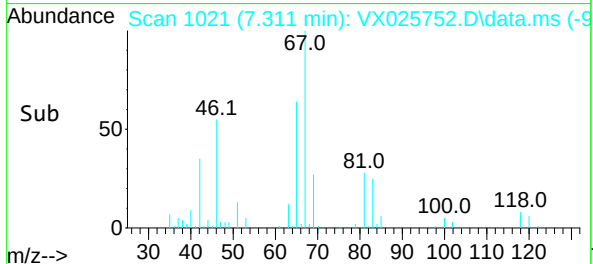
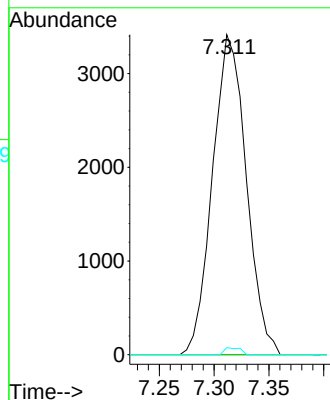
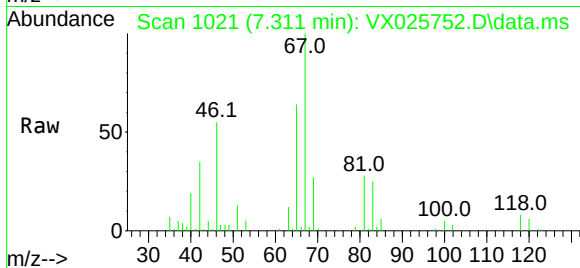
Tgt Ion: 83 Resp: 7320

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.1 41.1 61.7#



#37

1,2-Dichloropropane

Concen: 6.911 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.116 min

Lab File: VX025752.D

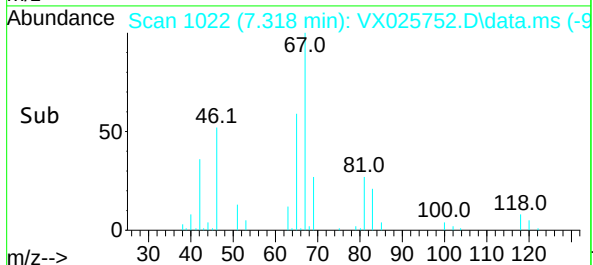
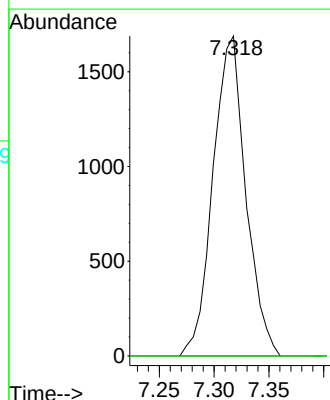
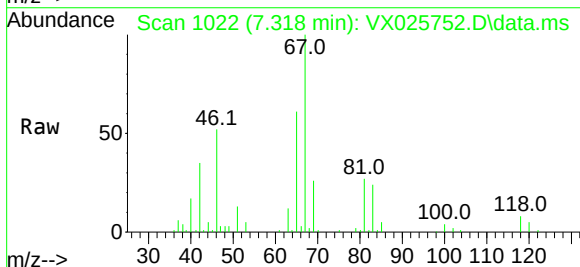
Acq: 11 Dec 2021 18:43

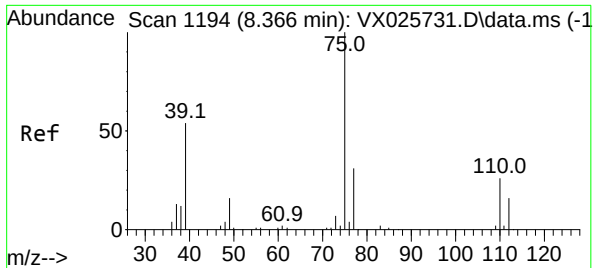
Tgt Ion: 63 Resp: 3511

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.304 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025752.D

Acq: 11 Dec 2021 18:43

Instrument :

MSVOA_X

ClientSampleId :

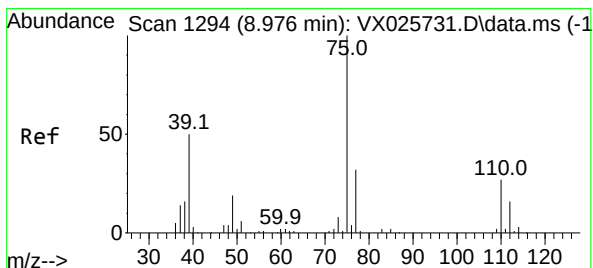
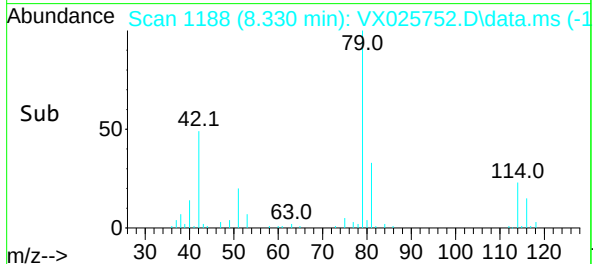
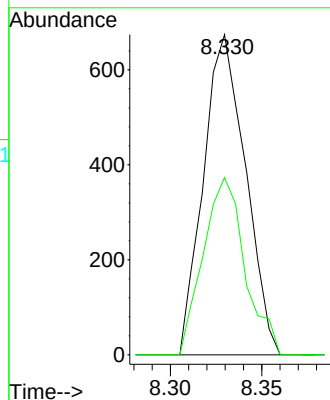
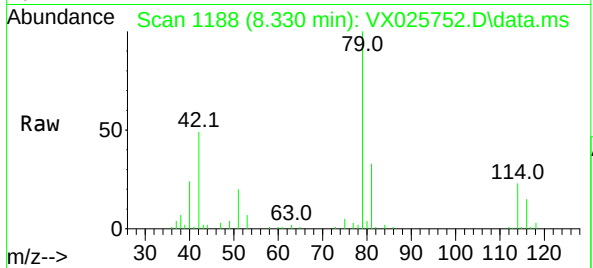
C0D02

Tgt Ion: 75 Resp: 1079

Ion Ratio Lower Upper

75 100

77 55.3 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.845 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.025 min

Lab File: VX025752.D

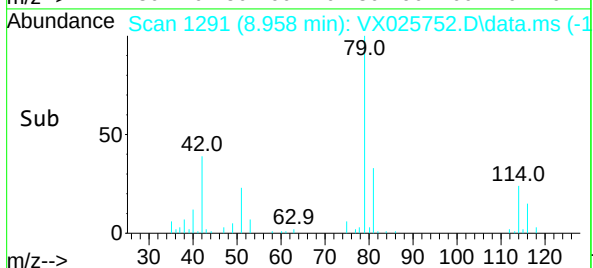
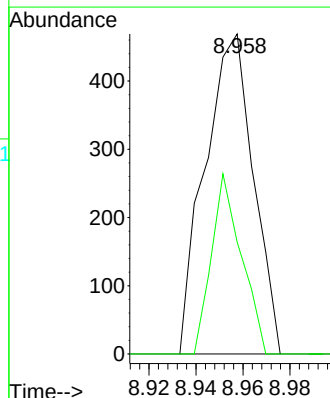
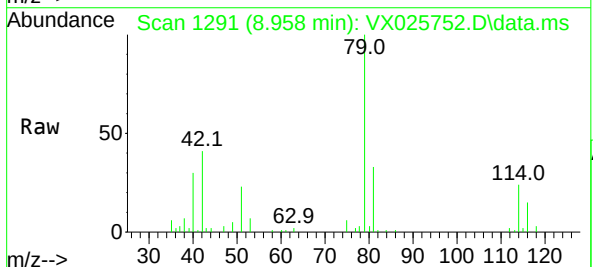
Acq: 11 Dec 2021 18:43

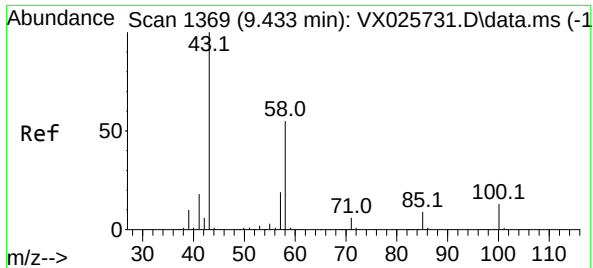
Tgt Ion: 75 Resp: 672

Ion Ratio Lower Upper

75 100

77 35.0 23.0 42.8

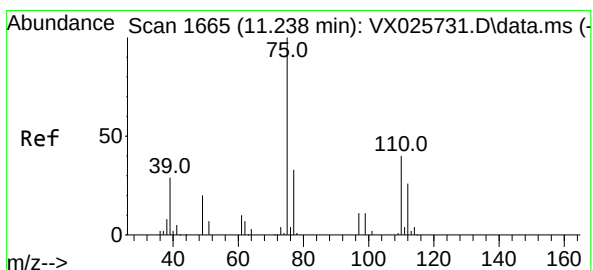
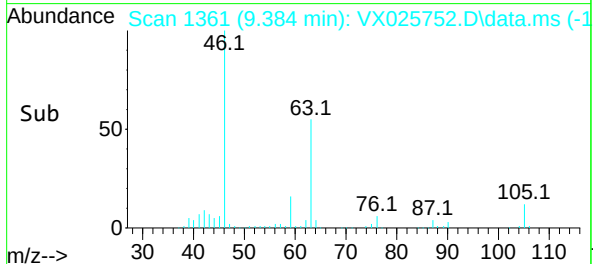
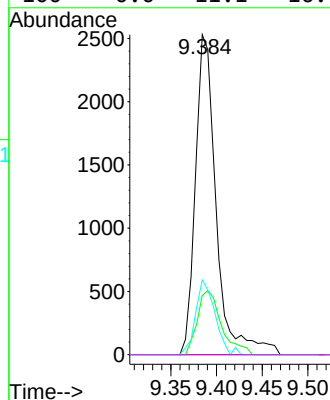
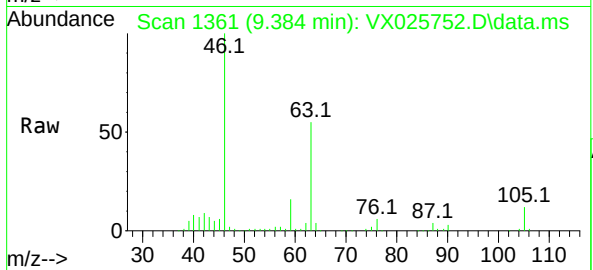




#48
2-Hexanone
Concen: 6.158 ug/L
RT: 9.384 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX025752.D
Acq: 11 Dec 2021 18:43

Instrument :
MSVOA_X
ClientSampleId :
C0D02

Tgt Ion: 43	Resp: 4012
Ion Ratio	Lower Upper
43 100	
58 23.1	44.2 66.4#
57 21.2	15.1 22.7
100 0.0	11.1 16.7#



#61
1,2,3-Trichloropropane
Concen: 7.552 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025752.D
Acq: 11 Dec 2021 18:43

Tgt Ion: 75	Resp: 4210
Ion Ratio	Lower Upper
75 100	
77 32.6	25.8 38.8
110 2.9	34.7 52.1#

