

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018899.D
 Acq On : 14 Oct 2020 17:33
 Operator : SY/MD
 Sample : L4289-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ8

Quant Time: Oct 15 02:08:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279232	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130834	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122451	53.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.56%
7) Chloroethane-d5	1.58	69	96950	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.48%
11) 1,1-Dichloroethene-d2	2.12	63	180603	41.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.24%
21) 2-Butanone-d5	3.91	46	158176	98.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.73%
24) Chloroform-d	4.37	84	219617	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
26) 1,2-Dichloroethane-d4	5.05	65	152134	55.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.00%
32) Benzene-d6	5.07	84	440890	54.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.16%
36) 1,2-Dichloropropane-d6	6.09	67	142835	54.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.58%
41) Toluene-d8	7.34	98	393145	53.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.50%
43) trans-1,3-Dichloropropene-	7.64	79	66406	52.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.24%
47) 2-Hexanone-d5	8.11	63	89099	92.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160238	52.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	154896	58.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.38%

Target Compounds

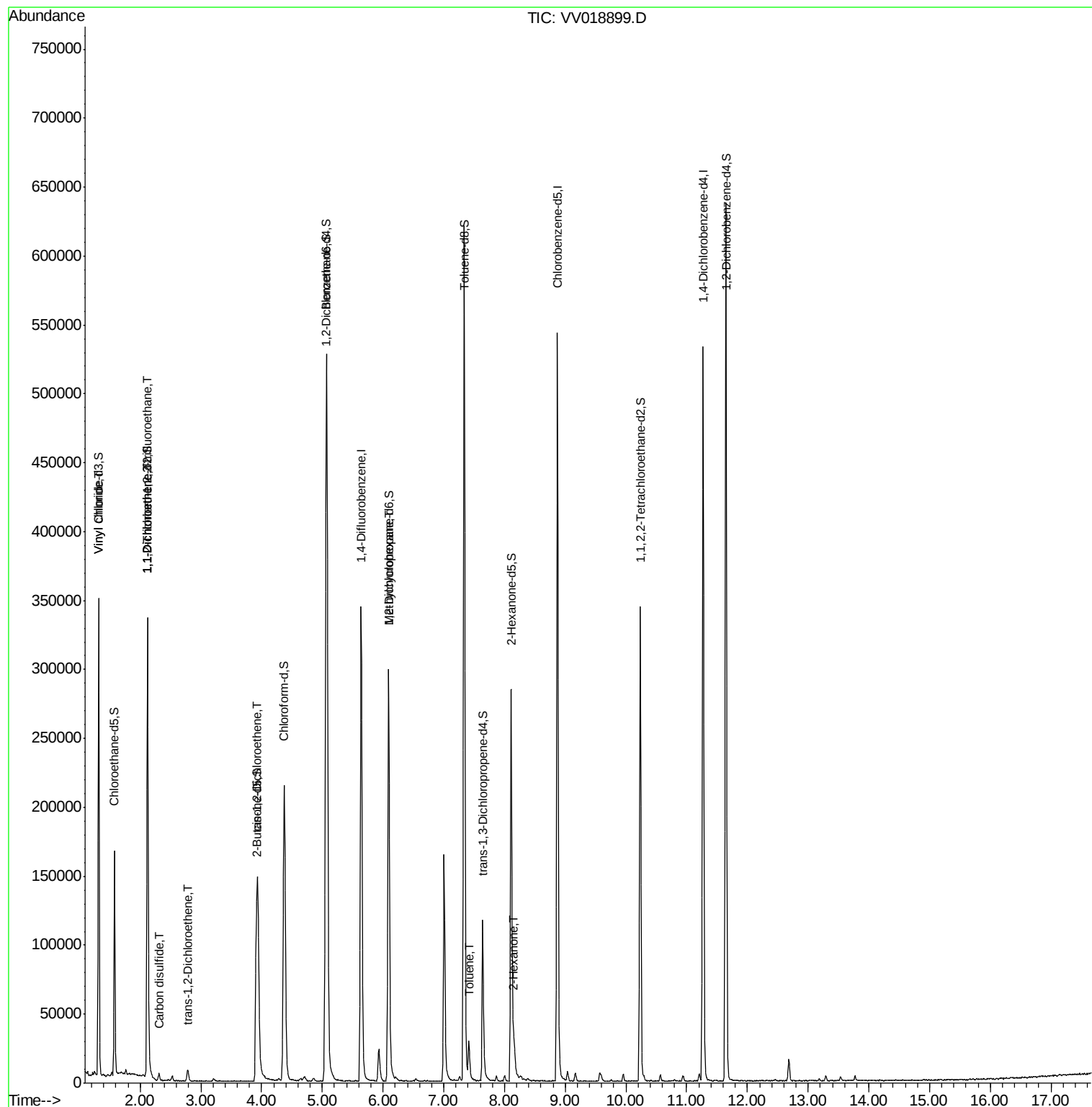
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	100135	37.994	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2459	1.357	ug/L #	53
12) 1,1-Dichloroethene	2.13	96	2531	1.379	ug/L #	1
14) Carbon disulfide	2.31	76	5772	0.923	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	1936	0.950	ug/L	90
20) cis-1,2-Dichloroethene	3.94	96	57848	26.784	ug/L	100
35) Methylcyclohexane	6.09	83	34011	11.375	ug/L #	16
42) Toluene	7.41	91	20588	2.328	ug/L	99
48) 2-Hexanone	8.16	43	14377	5.737	ug/L #	87

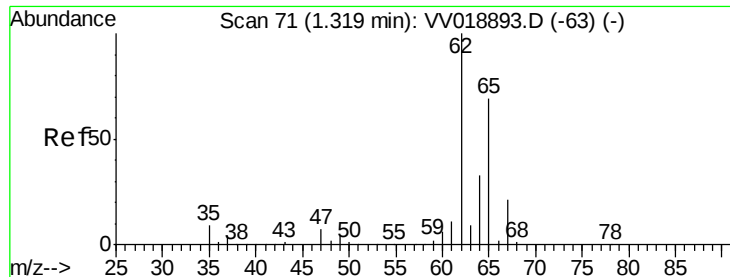
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 15 02:07:27 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 37.994 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018899.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_V

ClientSampled :

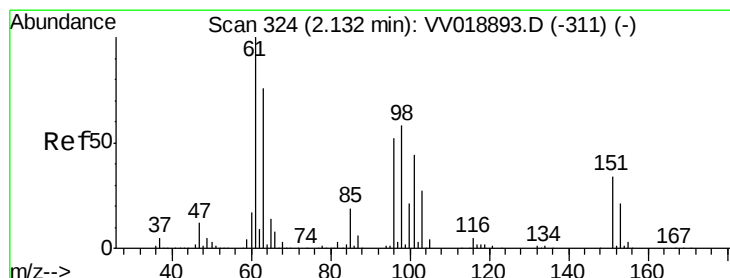
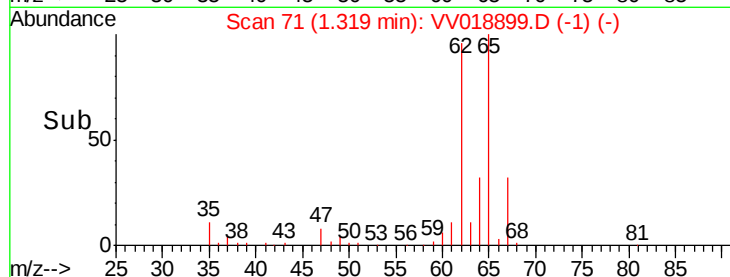
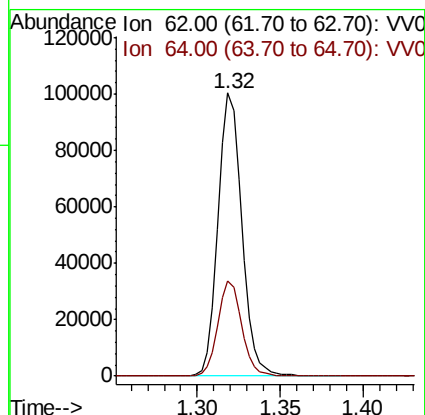
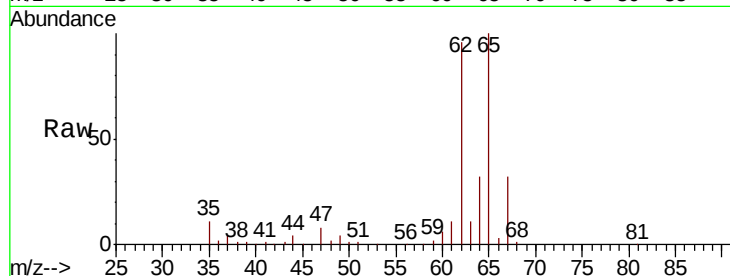
C0AJ8

Tot Ion: 62 Resp: 100135

Ion Ratio Lower Upper

62 100

64 33.8 23.2 43.2



#10

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

Concen: 1.357 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018899.D

Acq: 14 Oct 2020 17:33

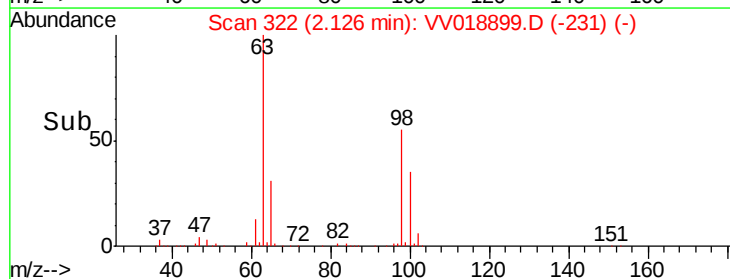
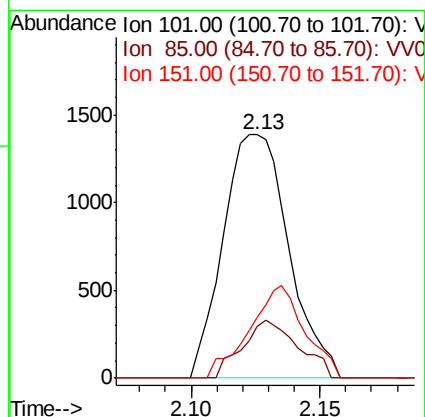
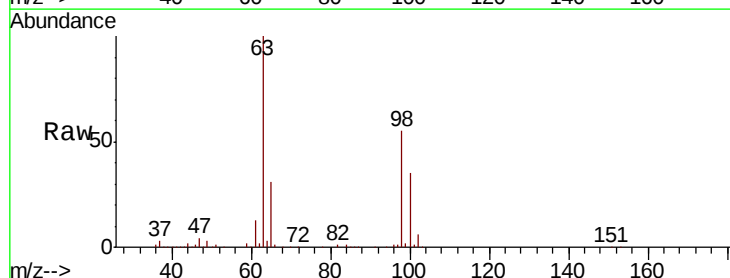
Tgt Ion: 101 Resp: 2459

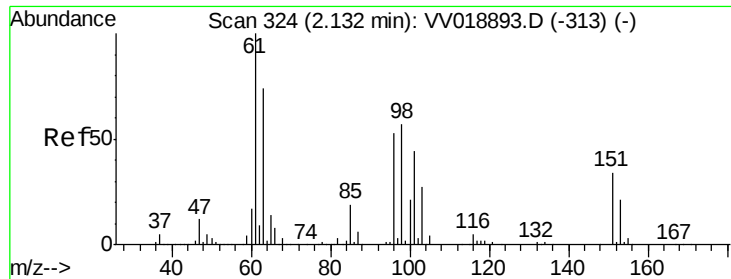
Ion Ratio Lower Upper

101 100

85 19.3 35.0 52.4#

151 30.4 59.7 89.5#





#12

1,1-Dichloroethene

Concen: 1.379 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018899.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_V

ClientSampleId :

C0AJ8

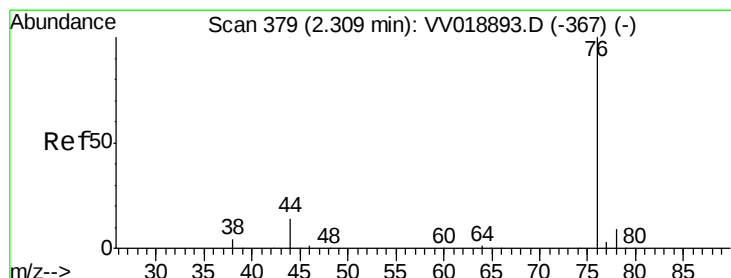
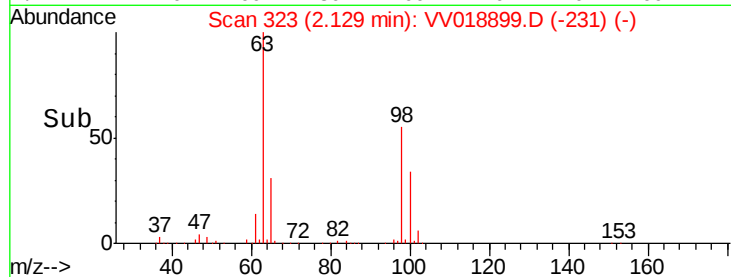
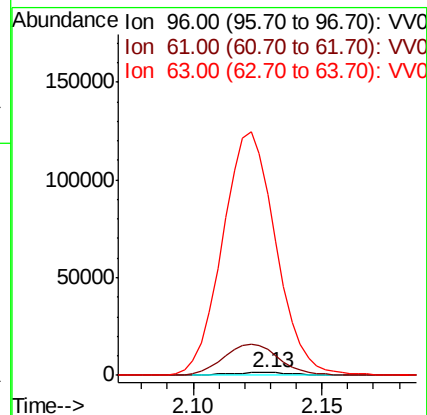
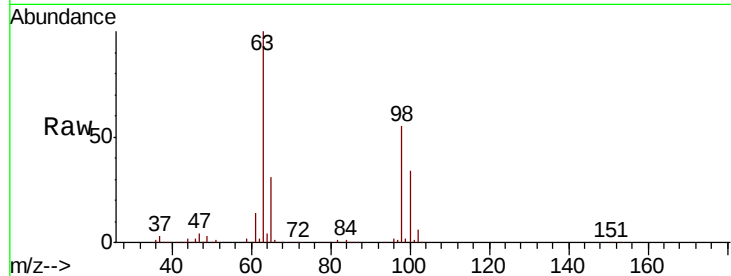
Tot Ion: 96 Resp: 2531

Ion Ratio Lower Upper

96 100

61 876.3 133.5 247.9#

63 6253.8 102.1 189.7#



#14

Carbon disulfide

Concen: 0.923 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV018899.D

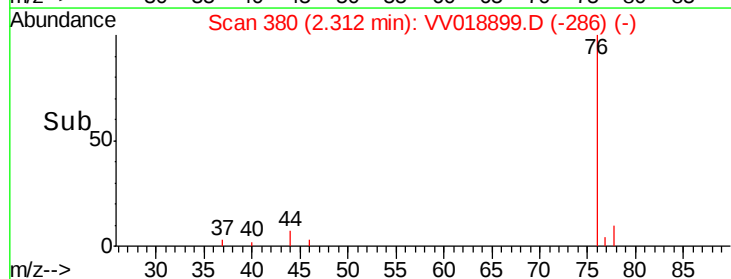
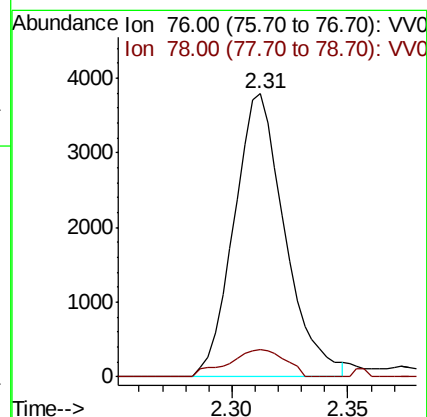
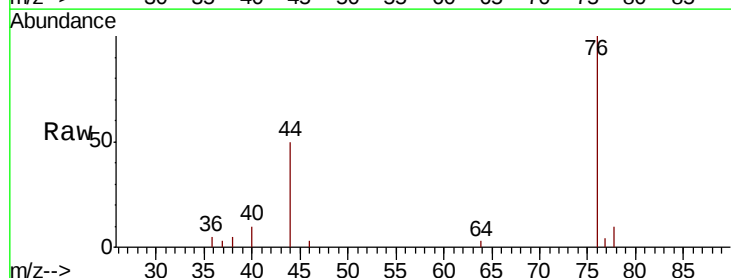
Acq: 14 Oct 2020 17:33

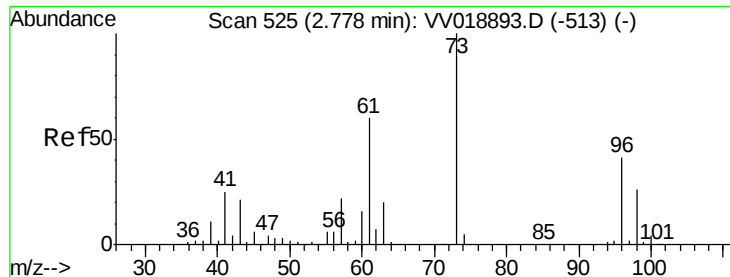
Tgt Ion: 76 Resp: 5772

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2





#17

trans-1,2-Dichloroethene

Concen: 0.950 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV018899.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_V

ClientSampleId :

C0AJ8

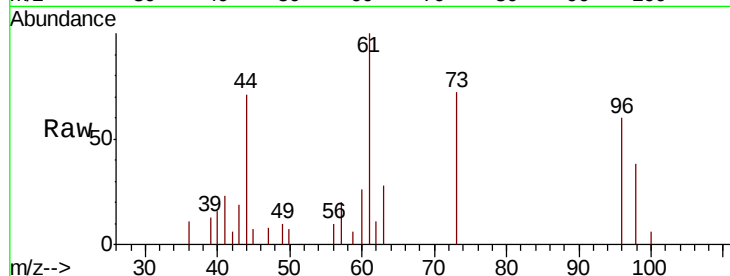
Tot Ion: 96 Resp: 1936

Ion Ratio Lower Upper

96 100

61 165.4 102.8 190.8

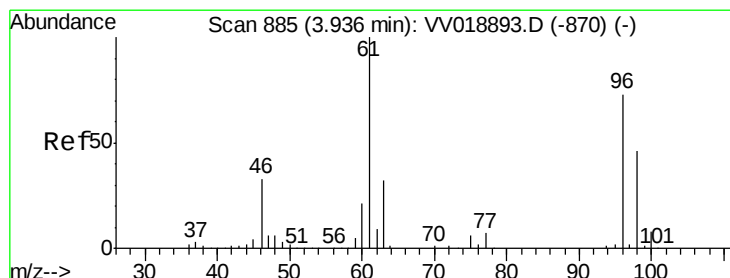
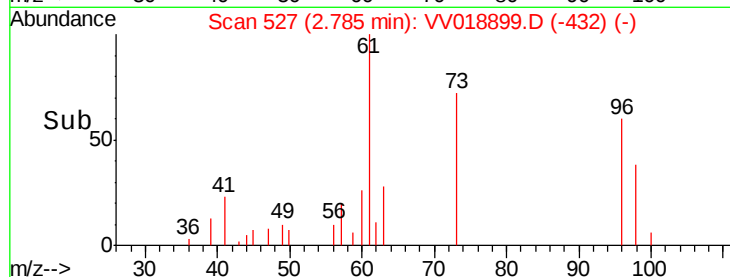
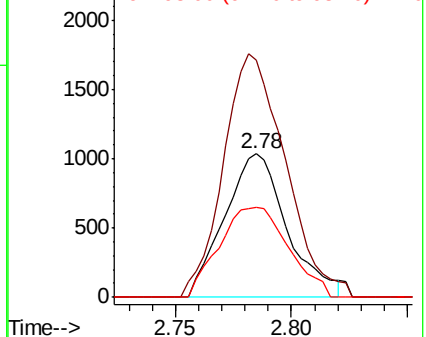
98 62.8 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 26.784 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018899.D

Acq: 14 Oct 2020 17:33

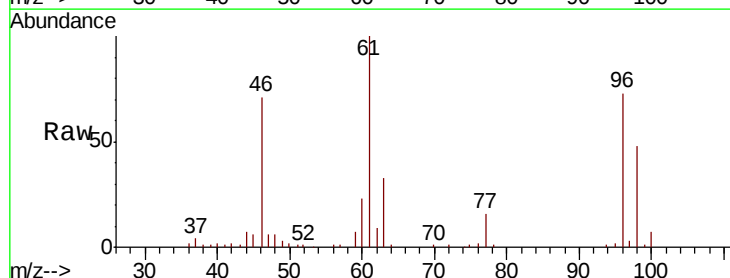
Tgt Ion: 96 Resp: 57848

Ion Ratio Lower Upper

96 100

61 136.8 96.1 178.5

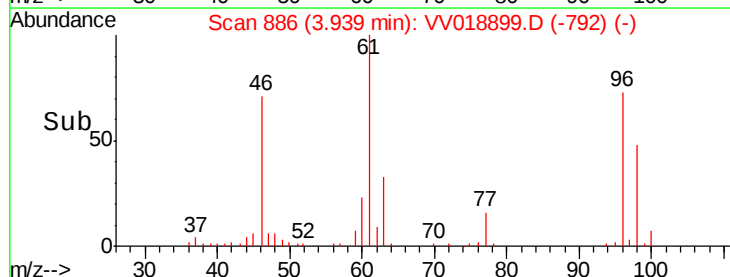
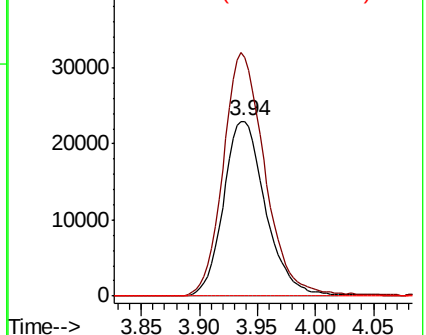
68 0.0 0.0 0.0

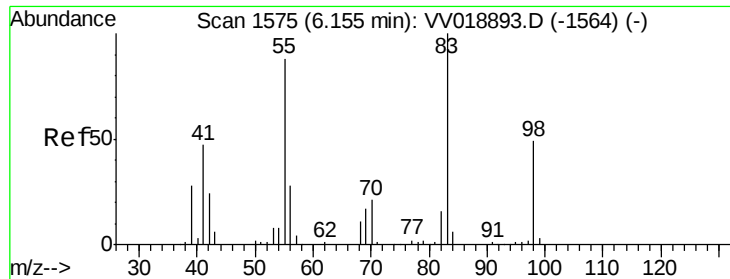


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

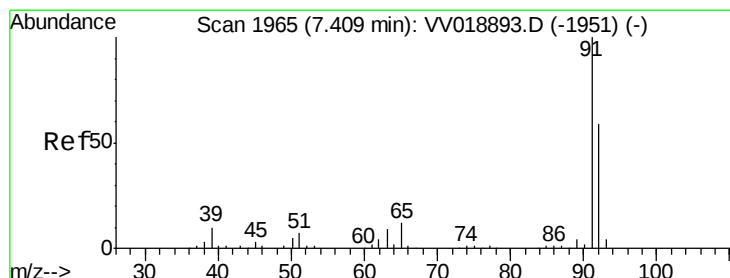
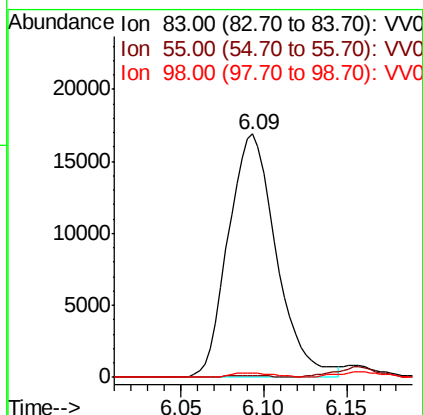
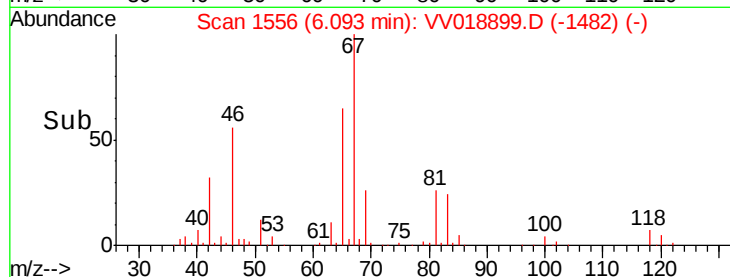
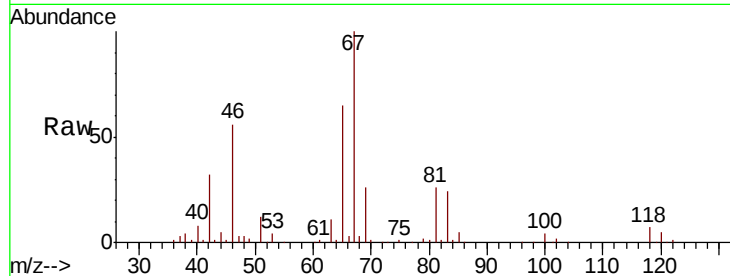




#35
Methvlcvclohexane
Concen: 11.375 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018899.D
Acq: 14 Oct 2020 17:33

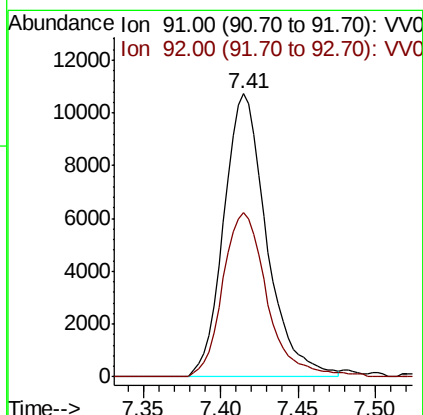
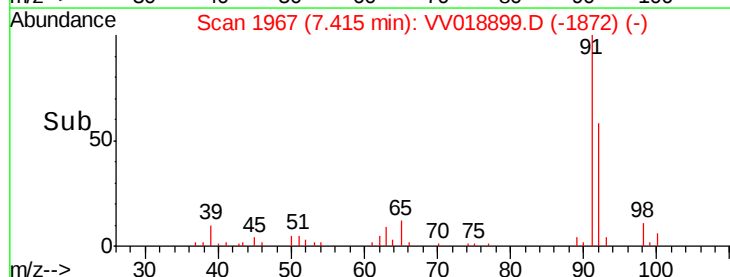
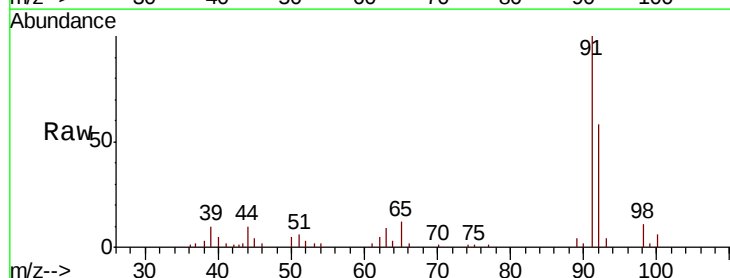
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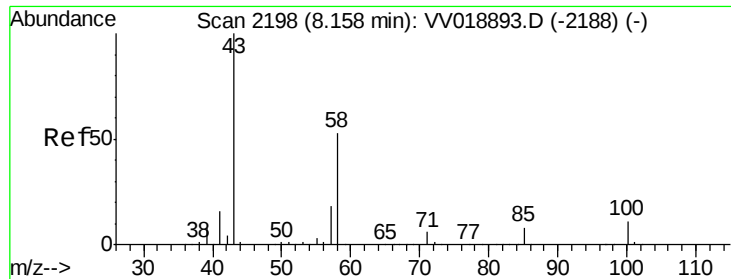
Tot Ion: 83 Resp: 34011
Ion Ratio Lower Upper
83 100
55 0.4 67.3 100.9#
98 1.7 37.9 56.9#



#42
Toluene
Concen: 2.328 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV018899.D
Acq: 14 Oct 2020 17:33

Tgt Ion: 91 Resp: 20588
Ion Ratio Lower Upper
91 100
92 58.2 41.2 76.4





#48

2-Hexanone

Concen: 5.737 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018899.D

Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_V
ClientSampleId :
C0AJ8

Tot Ion: 43 Resp: 14377

Ion Ratio Lower Upper

43 100

58 46.8 42.5 63.7

57 8.8 14.5 21.7#

100 3.8 9.0 13.4#

