

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110520\
 Data File : VV019244.D
 Acq On : 04 Nov 2020 13:12
 Operator : SY/MD
 Sample : L4615-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 02:28:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 02:20:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	211964	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	202069	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	101191	50.00	ug/L	0.00

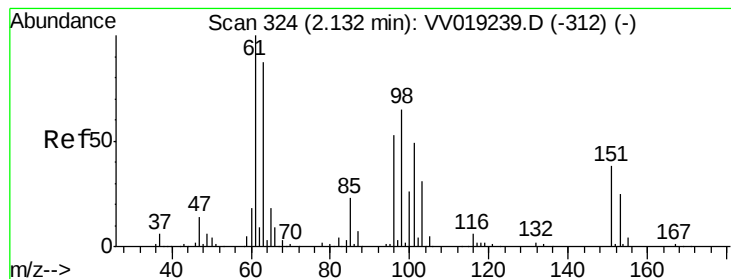
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98801	58.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.30%
7) Chloroethane-d5	1.58	69	82198	62.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.62%
11) 1,1-Dichloroethene-d2	2.12	63	153545	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.84%
21) 2-Butanone-d5	3.91	46	116206	112.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.64%
24) Chloroform-d	4.37	84	178679	57.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.04%
26) 1,2-Dichloroethane-d4	5.05	65	128684	58.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.88%
32) Benzene-d6	5.07	84	348825	60.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.70%
36) 1,2-Dichloropropane-d6	6.09	67	106949	62.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	125.14%#
41) Toluene-d8	7.34	98	321095	58.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.62%
43) trans-1,3-Dichloropropene-	7.64	79	56363	56.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.98%
47) 2-Hexanone-d5	8.11	63	76551	103.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.42%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	124379	53.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	130277	61.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.56%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1279	0.922	ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1294	0.952	ug/L #	1
13) Acetone	2.19	43	6477	6.758	ug/L	96
27) 1,2-Dichloroethane	5.07	62	2306	0.922	ug/L #	76
35) Methylcyclohexane	6.09	83	27530	12.777	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13344	9.223	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3462	1.449	ug/L #	67
42) Toluene	7.42	91	4647	0.728	ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	2550	1.026	ug/L #	83
48) 2-Hexanone	8.16	43	3488	2.199	ug/L #	40
59) 1,2,3-Trichloropropane	11.27	75	11311	5.980	ug/L #	85

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



#10

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

Concen: 0.922 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019244.D

Acq: 04 Nov 2020 13:12

Instrument :

MSVOA_V

ClientSampled :

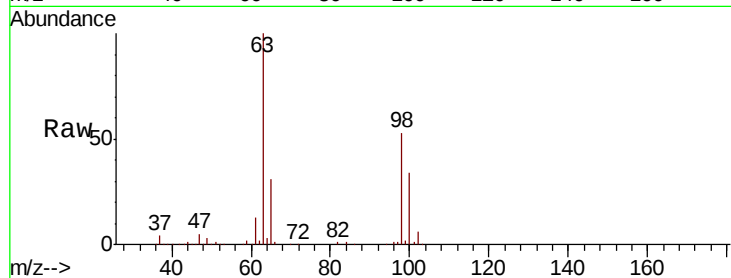
Tot Ion:101 Resp: 1279

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

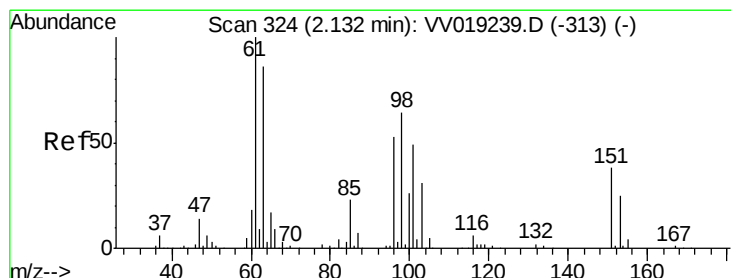
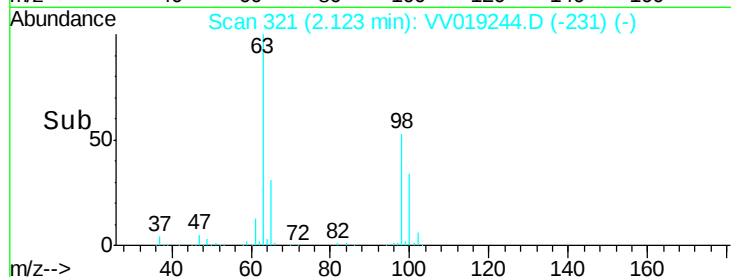
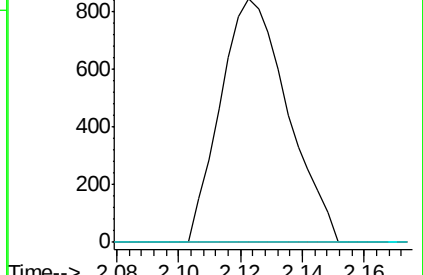
151 0.0 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.952 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019244.D

Acq: 04 Nov 2020 13:12

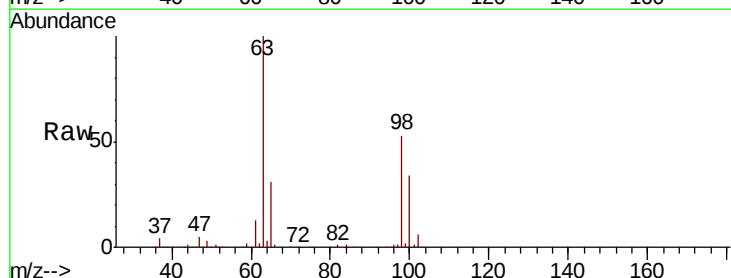
Tgt Ion: 96 Resp: 1294

Ion Ratio Lower Upper

96 100

61 1587.8 132.6 246.2#

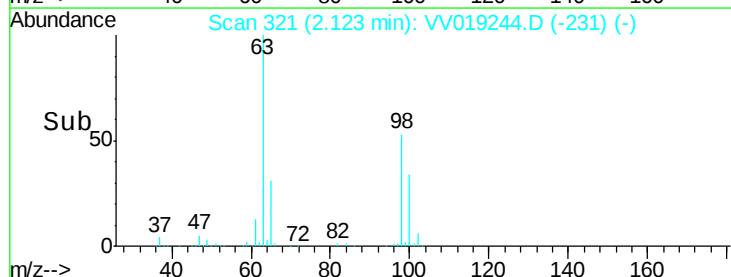
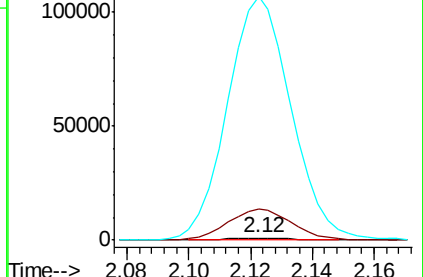
63 12587.0 108.4 201.4#

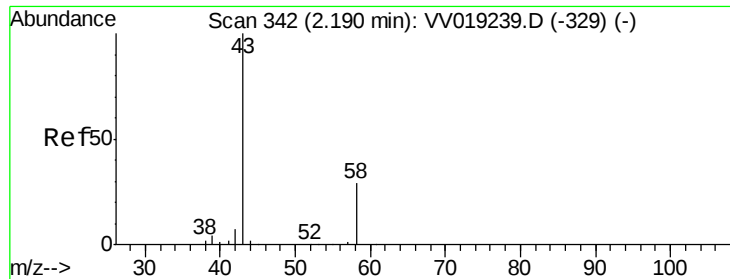


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.758 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV019244.D

Acq: 04 Nov 2020 13:12

Instrument :

MSVOA_V

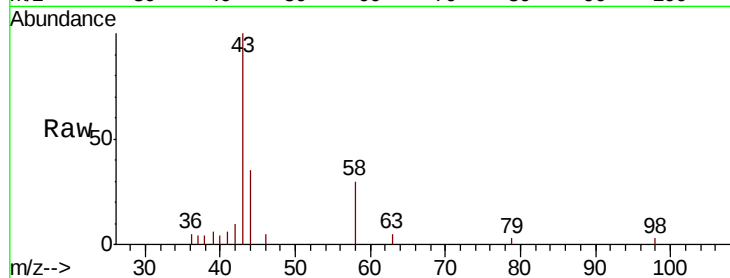
ClientSampleId :

Tot Ion: 43 Resp: 6477

Ion Ratio Lower Upper

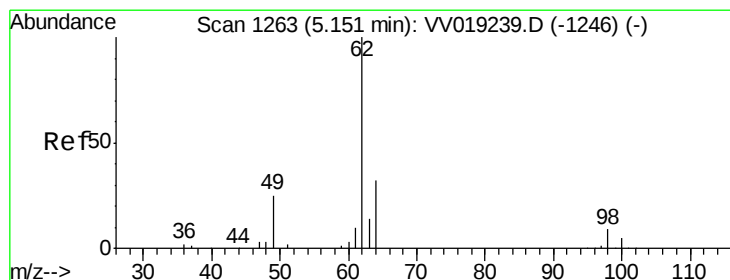
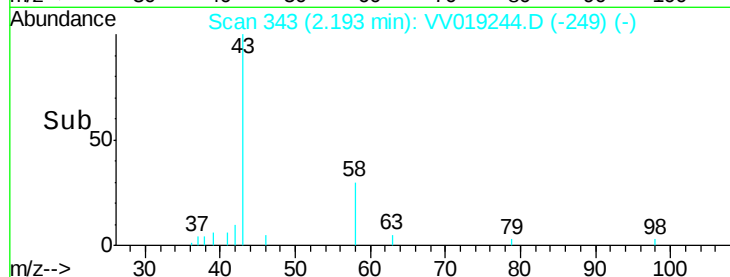
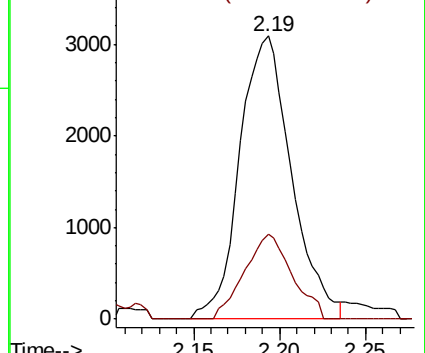
43 100

58 27.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV019239.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV019239.D (-329) (-)



#27

1,2-Dichloroethane

Concen: 0.922 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV019244.D

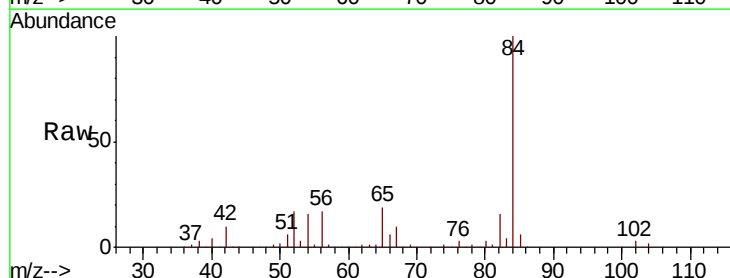
Acq: 04 Nov 2020 13:12

Tgt Ion: 62 Resp: 2306

Ion Ratio Lower Upper

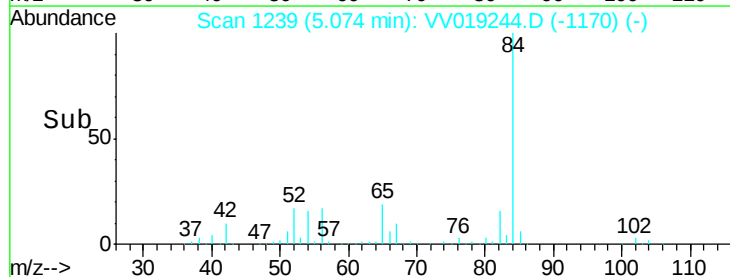
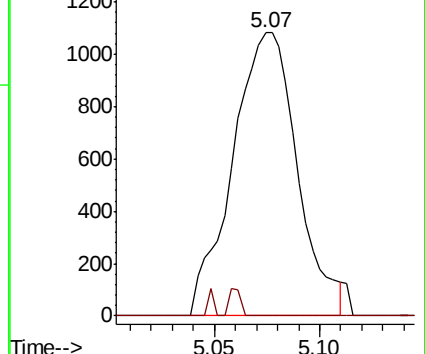
62 100

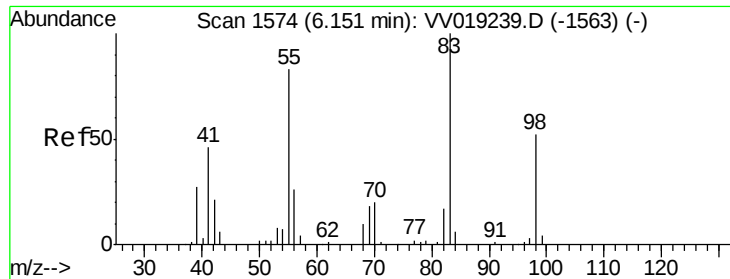
98 0.0 6.8 10.2#



Abundance Ion 62.00 (61.70 to 62.70): VV019239.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV019239.D (-1246) (-)

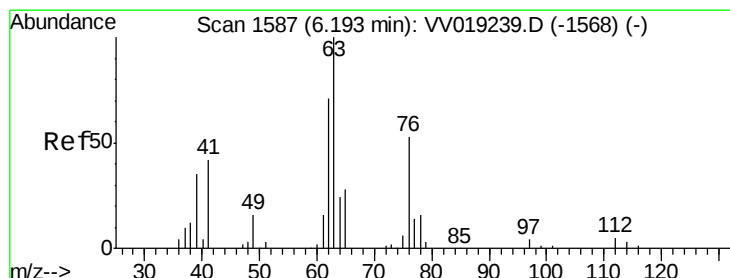
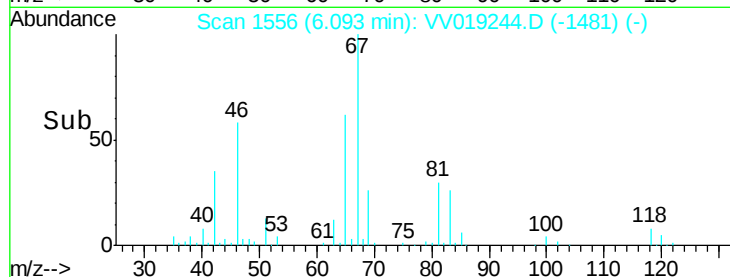
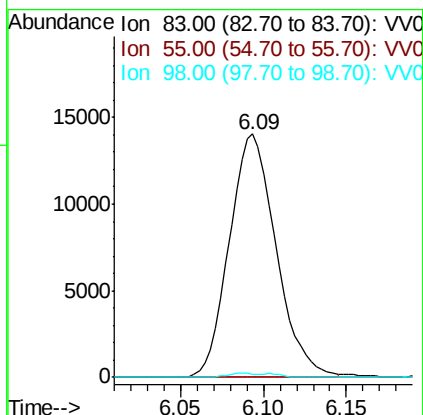
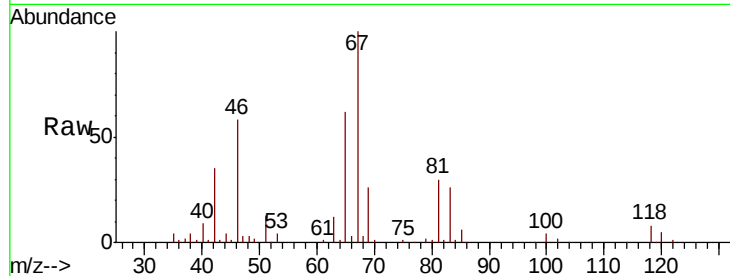




#35
Methvlcvclohexane
Concen: 12.777 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019244.D
Acq: 04 Nov 2020 13:12

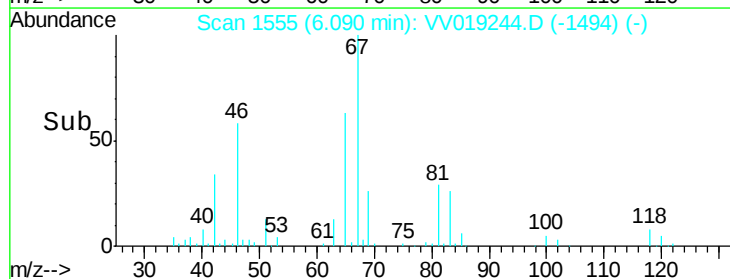
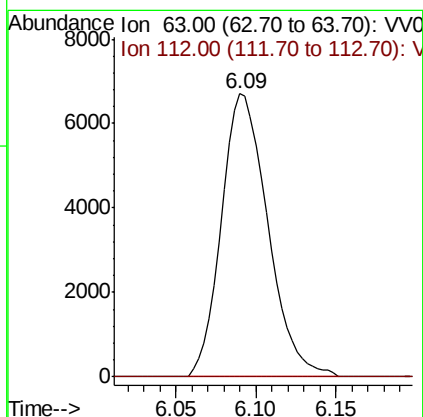
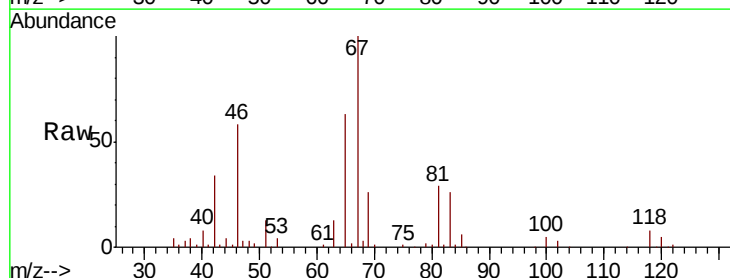
Instrument :
MSVOA_V
ClientSampleId :

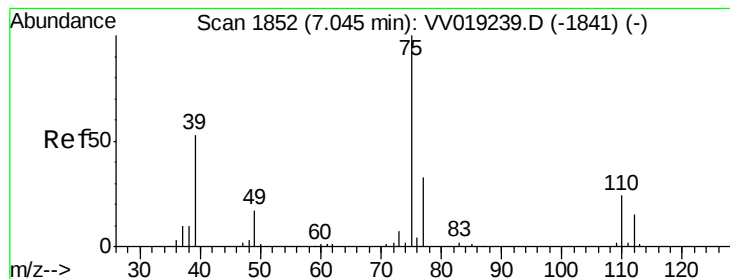
Tot Ion: 83 Resp: 27530
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 1.0 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 9.223 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV019244.D
Acq: 04 Nov 2020 13:12

Tgt Ion: 63 Resp: 13344
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 1.449 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019244.D

Acq: 04 Nov 2020 13:12

Instrument :

MSVOA_V

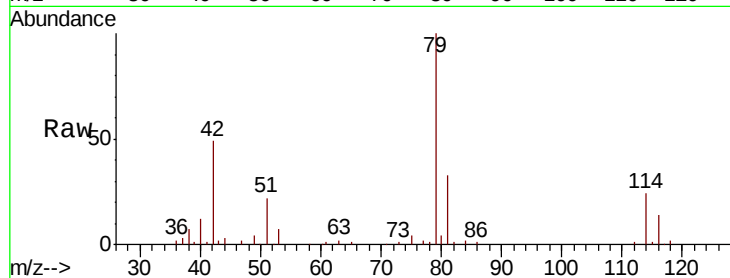
ClientSampleId :

Tot Ion: 75 Resp: 3462

Ion Ratio Lower Upper

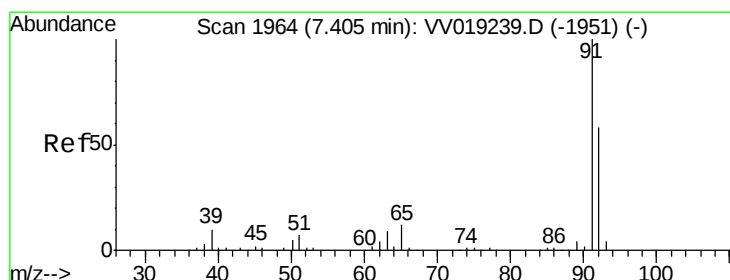
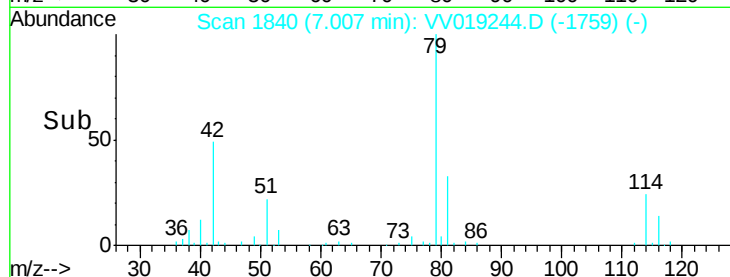
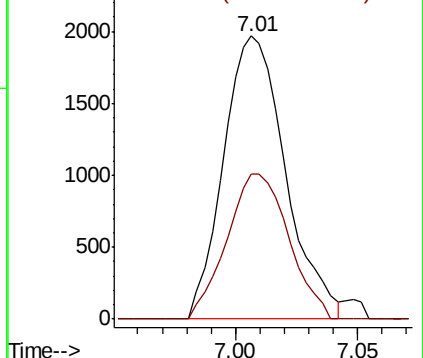
75 100

77 51.1 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#42

Toluene

Concen: 0.728 ug/L

RT: 7.42 min Scan# 1969

Delta R.T. 0.02 min

Lab File: VV019244.D

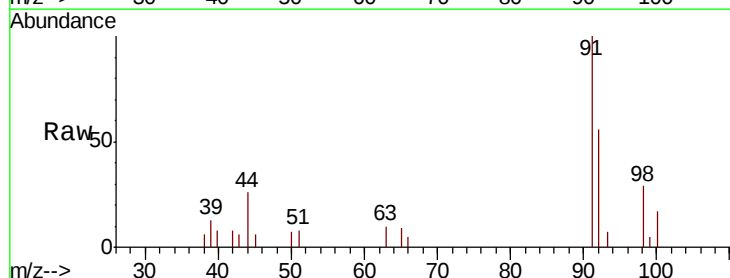
Acq: 04 Nov 2020 13:12

Tgt Ion: 91 Resp: 4647

Ion Ratio Lower Upper

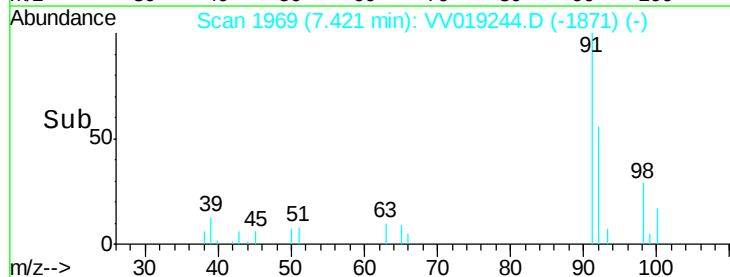
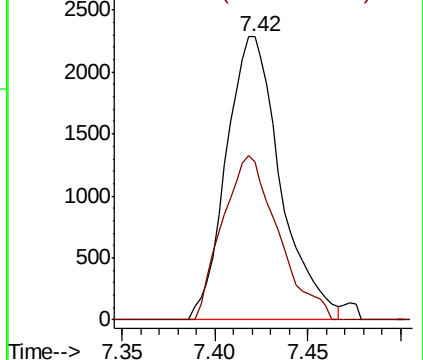
91 100

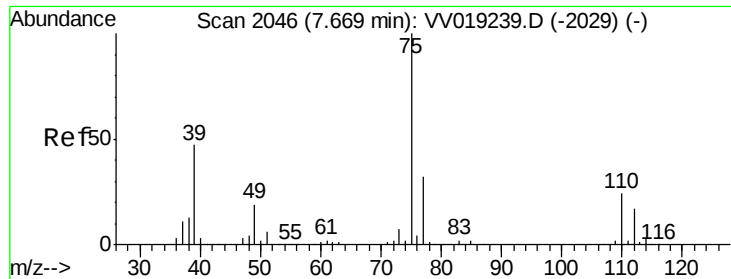
92 55.6 41.5 77.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 1.026 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV019244.D

Acq: 04 Nov 2020 13:12

Instrument :

MSVOA_V

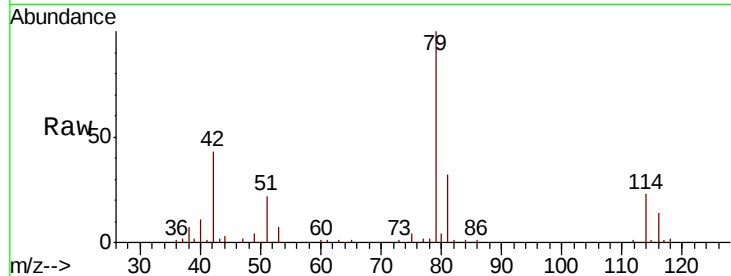
ClientSampleId :

Tot Ion: 75 Resp: 2550

Ion Ratio Lower Upper

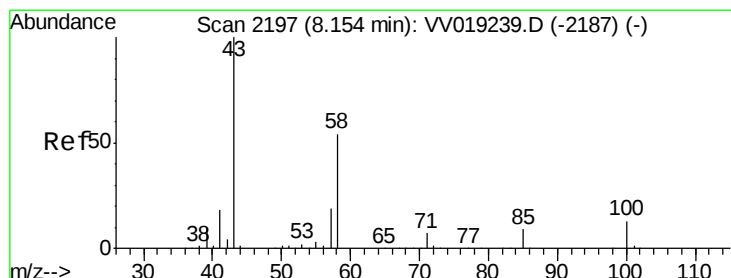
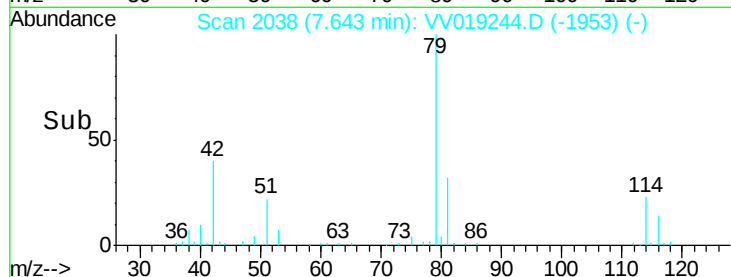
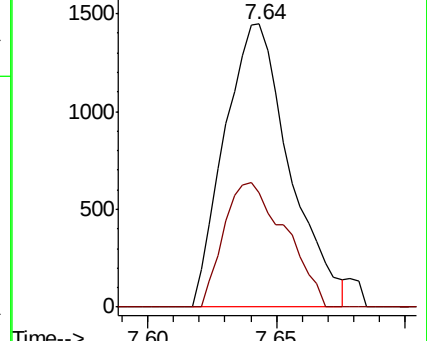
75 100

77 40.6 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 2.199 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV019244.D

Acq: 04 Nov 2020 13:12

Tgt Ion: 43 Resp: 3488

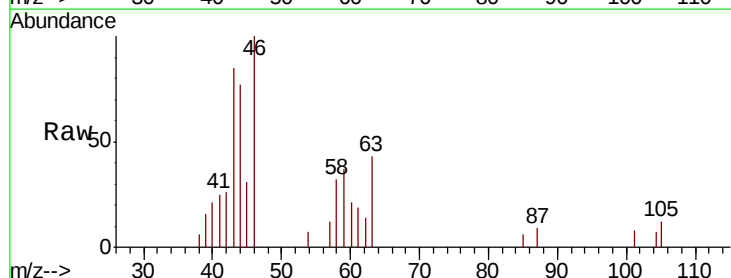
Ion Ratio Lower Upper

43 100

58 0.0 43.6 65.4#

57 3.1 16.0 24.0#

100 1.9 10.3 15.5#

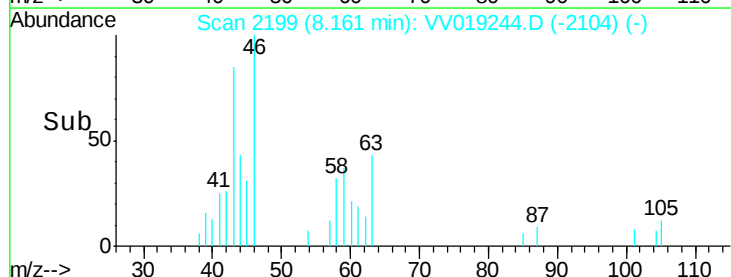
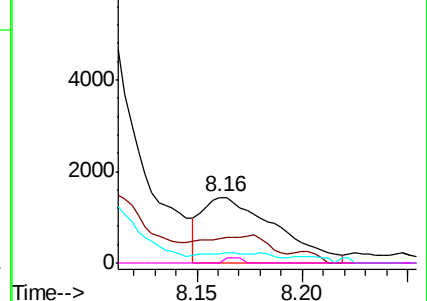


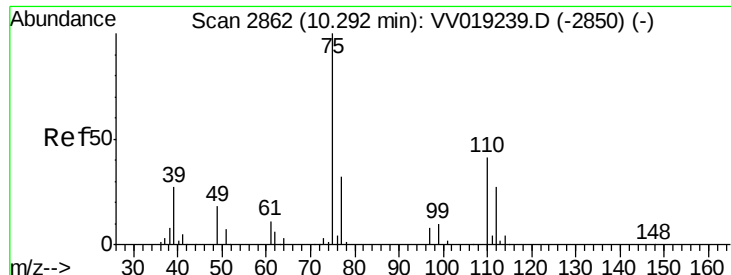
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.980 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019244.D

Acq: 04 Nov 2020 13:12

Instrument :

MSVOA_V

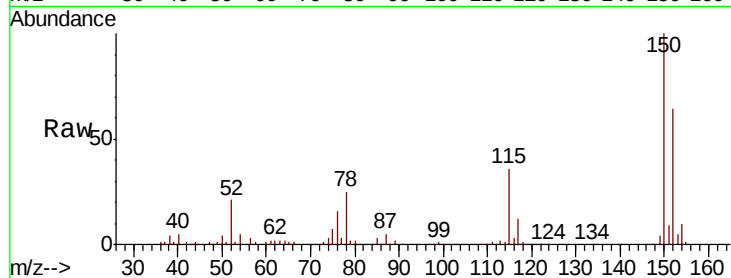
ClientSampleId :

Tot Ion: 75 Resp: 11311

Ion Ratio Lower Upper

75 100

77 41.0 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.27

8000

6000

4000

2000

0

11.25

11.30

Time-->

