

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016445.D
 Acq On : 02 Jun 2020 22:44
 Operator : SY/MD
 Sample : L2843-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 03 02:27:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379797	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	361239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168565	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	129245	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.08%
7) Chloroethane-d5	1.58	69	92492	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.26%
11) 1,1-Dichloroethene-d2	2.13	63	182308	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.46%
21) 2-Butanone-d5	3.91	46	175136	101.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	4.38	84	222525	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	5.06	65	166682	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
32) Benzene-d6	5.08	84	488103	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
36) 1,2-Dichloropropane-d6	6.10	67	151832	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.34	98	435588	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	7.64	79	68122	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.72%
47) 2-Hexanone-d5	8.11	63	129228	100.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	197011	48.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	167737	52.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.90%

Target Compounds

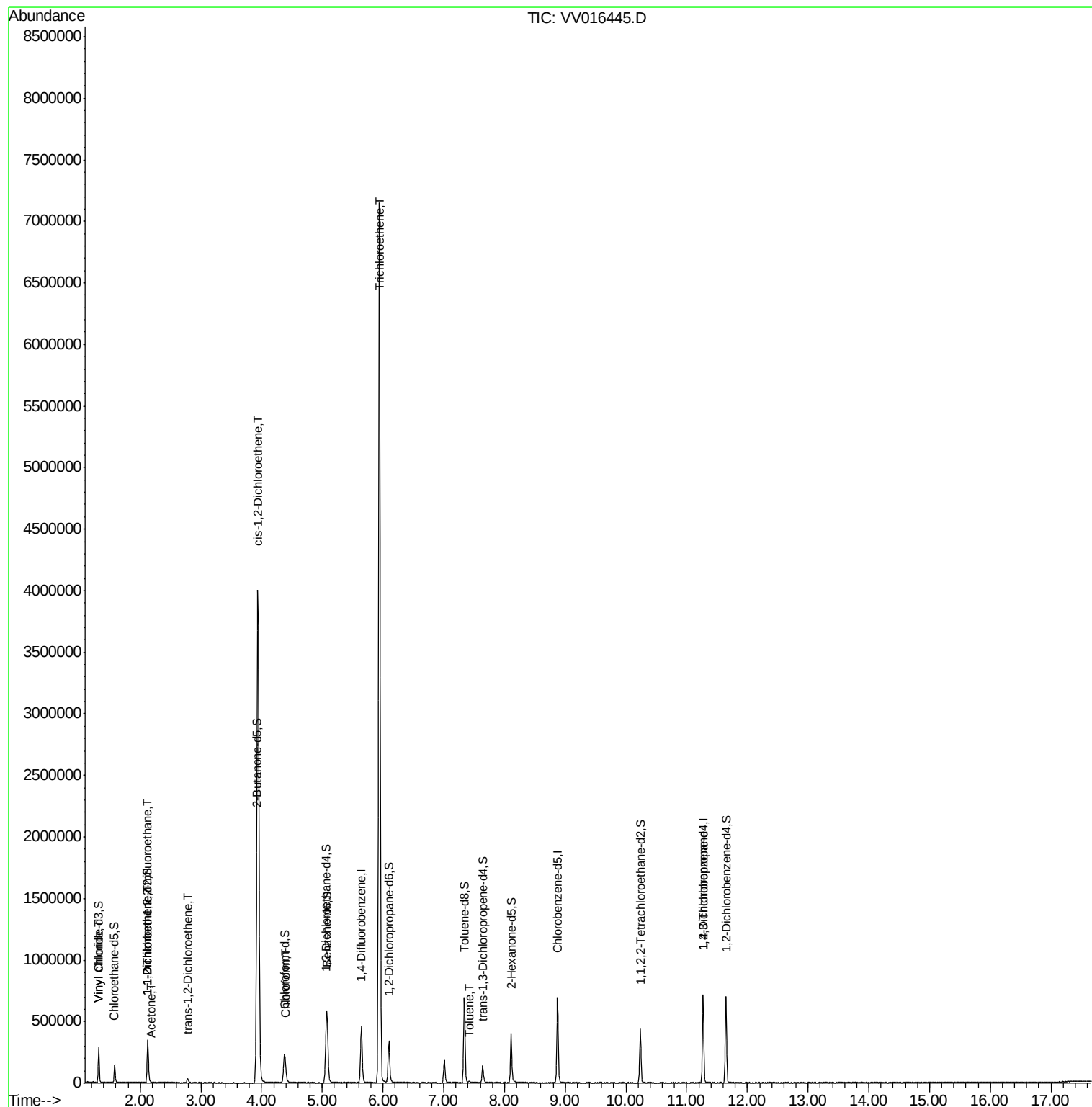
					Ovalue
5) Vinyl chloride	1.32	62	57842	19.828 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1689	0.771 ug/L #	23
12) 1,1-Dichloroethene	2.13	96	8397	3.982 ug/L #	1
13) Acetone	2.19	43	2810	1.748 ug/L	59
17) trans-1,2-Dichloroethene	2.78	96	11949	4.491 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	2189516	762.576 ug/L	100
25) Chloroform	4.40	83	23072	4.474 ug/L	96
34) Trichloroethene	5.94	95	2428788	871.260 ug/L	97
42) Toluene	7.41	91	7475	0.664 ug/L	94
59) 1,2,3-Trichloropropane	11.27	75	21220	6.141 ug/L	91

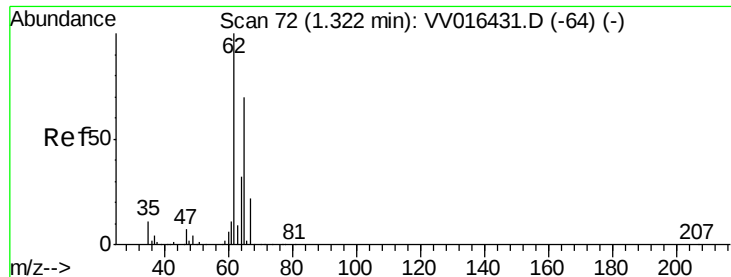
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 03 01:20:33 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 19.828 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV016445.D

Acq: 02 Jun 2020 22:44

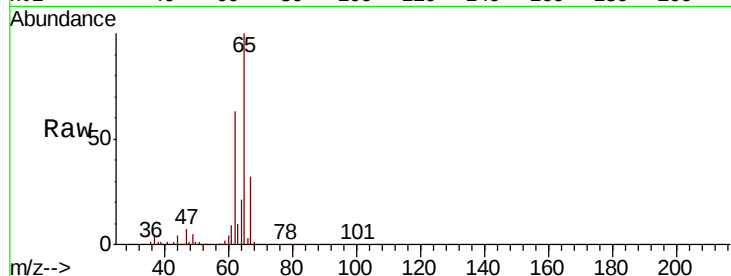
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 57842

Ion Ratio Lower Upper

62 100

64 34.0 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV016445.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VV016445.D (-1) (-)

60000

50000

40000

30000

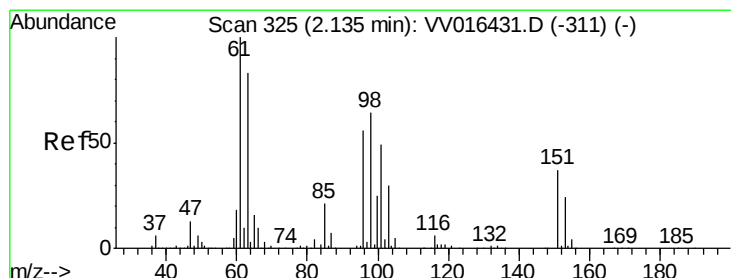
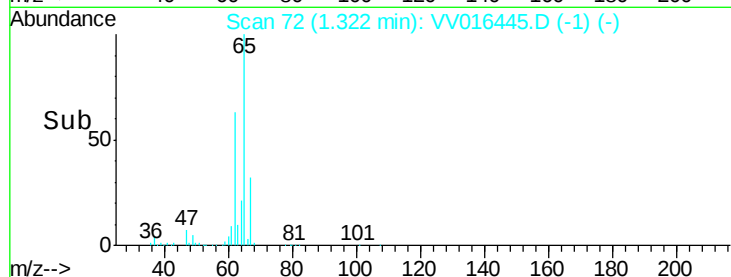
20000

10000

0

1.30 1.32 1.34 1.36 1.38 1.40

Time-->



#10

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

Concen: 0.771 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016445.D

Acq: 02 Jun 2020 22:44

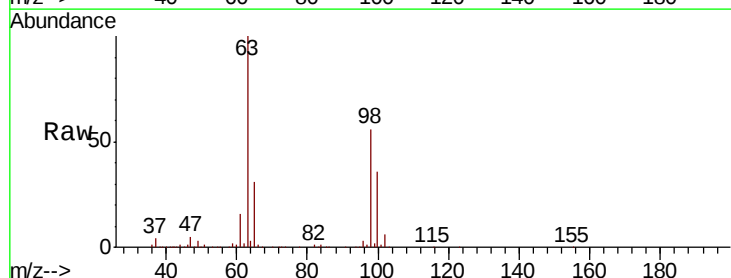
Tgt Ion: 101 Resp: 1689

Ion Ratio Lower Upper

101 100

85 9.0 35.6 53.4#

151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016445.D (-232) (-)

Ion 85.00 (84.70 to 85.70): VV016445.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV016445.D (-232) (-)

1500

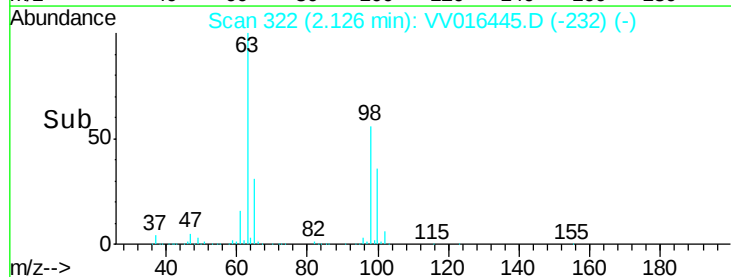
1000

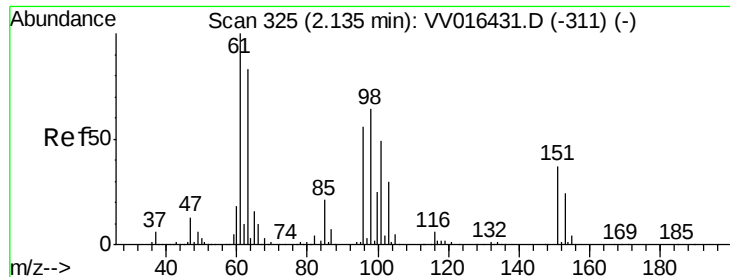
500

0

2.10 2.12 2.14 2.16 2.18 2.20

Time-->





#12

1,1-Dichloroethene

Concen: 3.982 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016445.D

Acq: 02 Jun 2020 22:44

Instrument :
MSVOA_V
ClientSampleId :

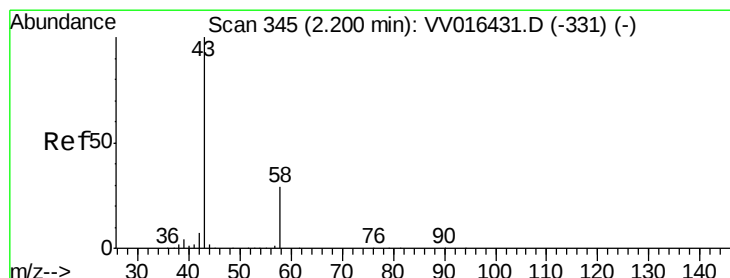
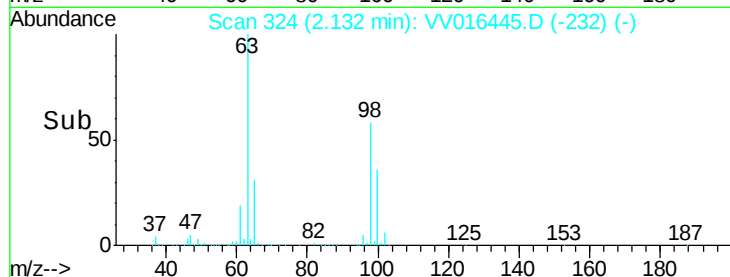
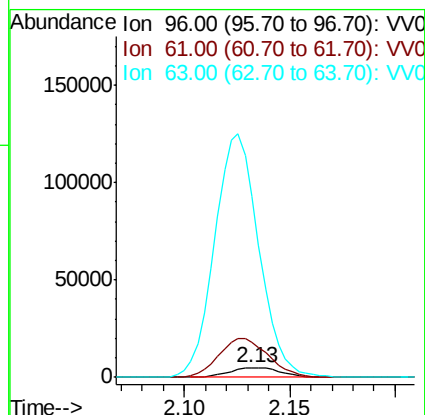
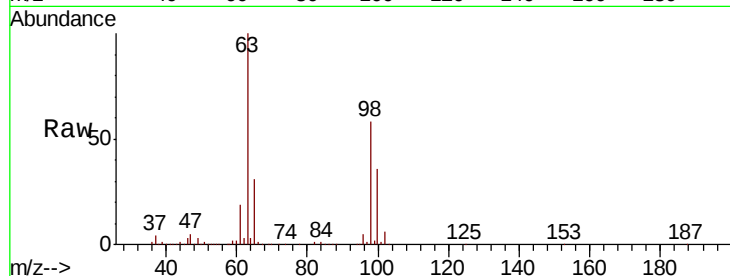
Tot Ion: 96 Resp: 8397

Ion Ratio Lower Upper

96 100

61 364.1 125.5 233.1#

63 1874.3 104.0 193.1#



#13

Acetone

Concen: 1.748 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV016445.D

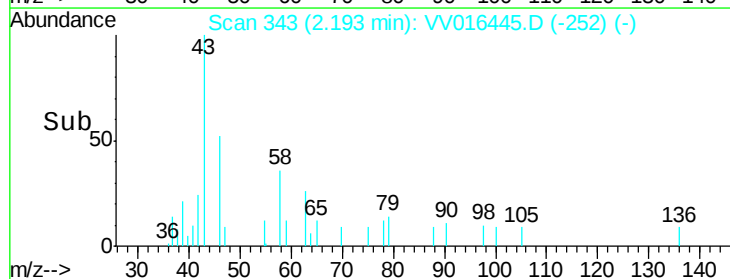
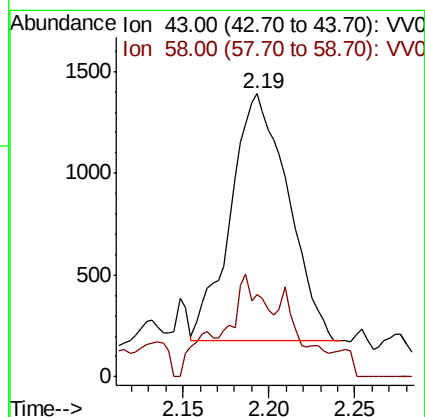
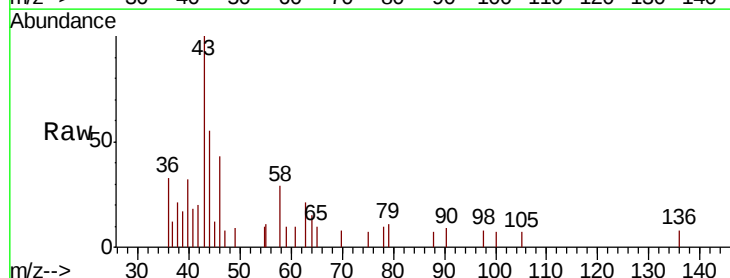
Acq: 02 Jun 2020 22:44

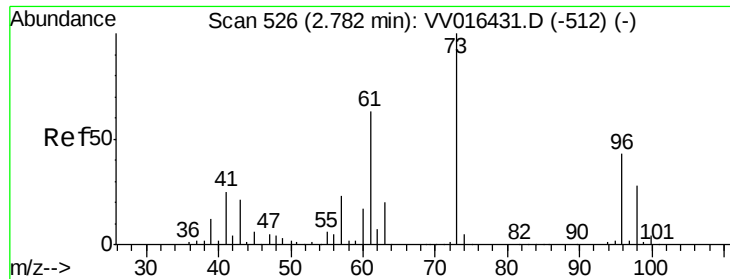
Tgt Ion: 43 Resp: 2810

Ion Ratio Lower Upper

43 100

58 6.7 0.0 57.2

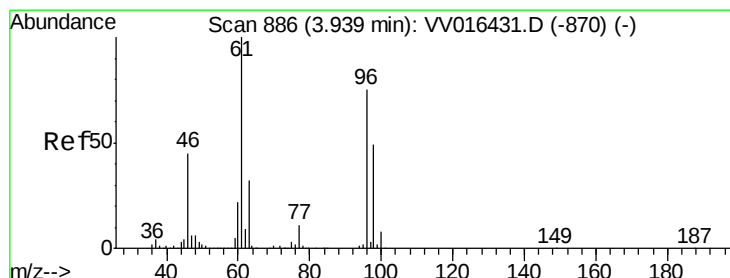
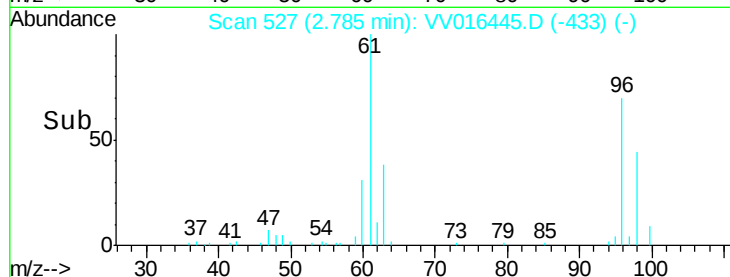
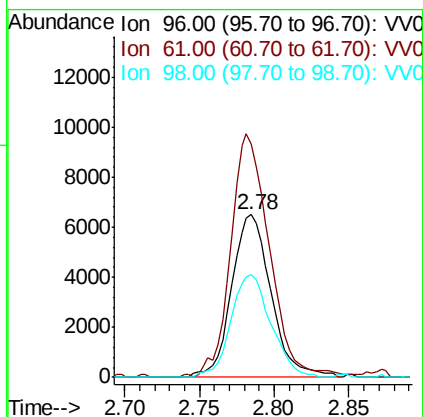
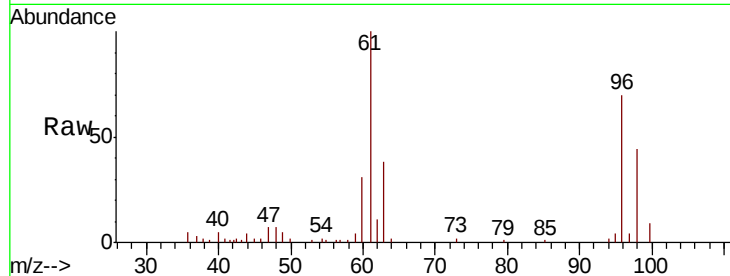




#17
trans-1,2-Dichloroethene
Concen: 4.491 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV016445.D
Acq: 02 Jun 2020 22:44

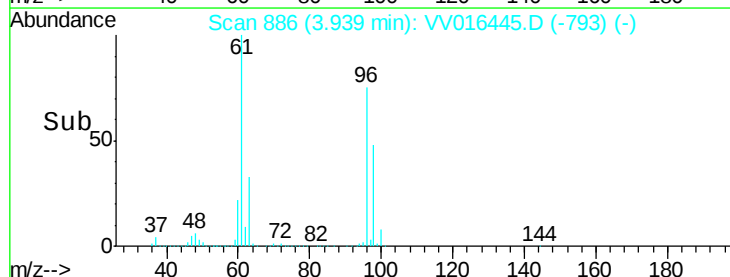
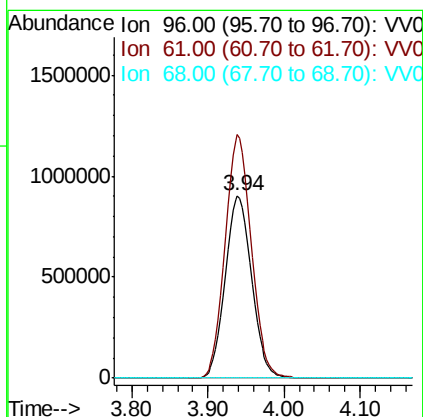
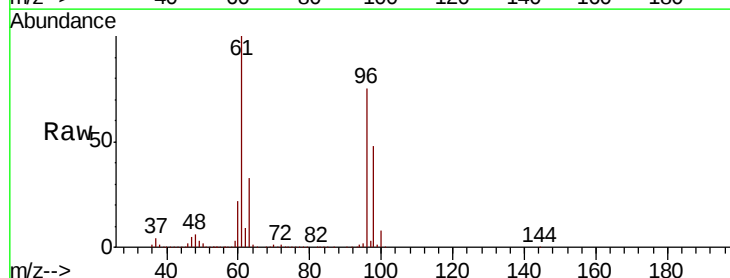
Instrument :
MSVOA_V
ClientSampleId :

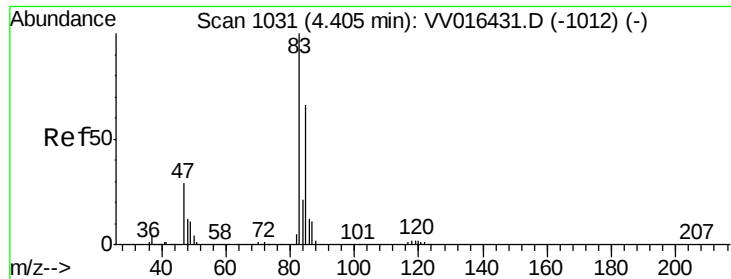
Tot Ion: 96 Resp: 11949
Ion Ratio Lower Upper
96 100
61 143.8 101.0 187.6
98 63.0 44.7 83.1



#20
cis-1,2-Dichloroethene
Concen: 762.576 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016445.D
Acq: 02 Jun 2020 22:44

Tgt Ion: 96 Resp: 2189516
Ion Ratio Lower Upper
96 100
61 133.3 93.4 173.4
68 0.0 0.0 0.0

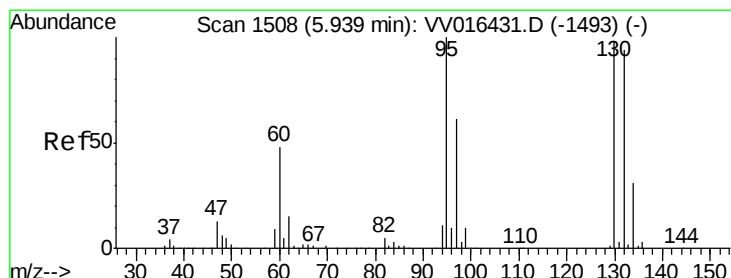
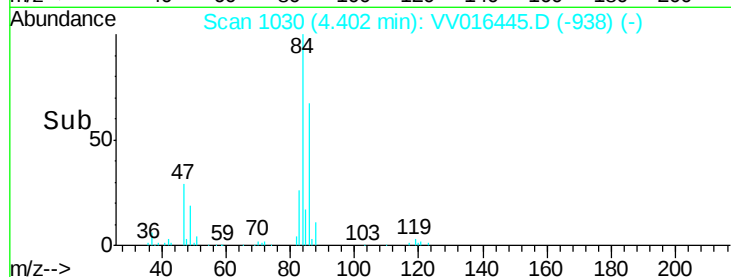
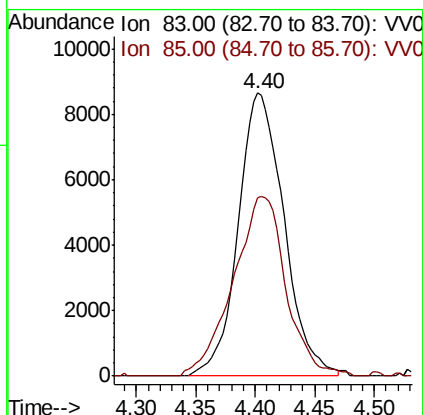
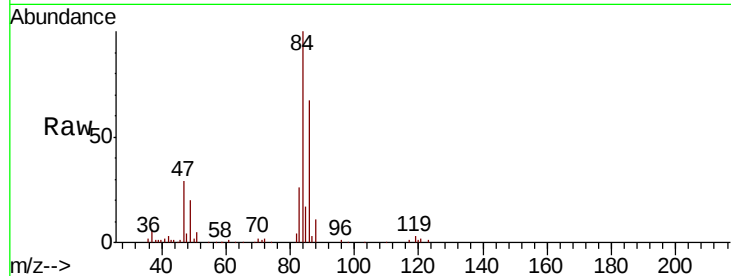




#25
Chloroform
Concen: 4.474 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016445.D
Acq: 02 Jun 2020 22:44

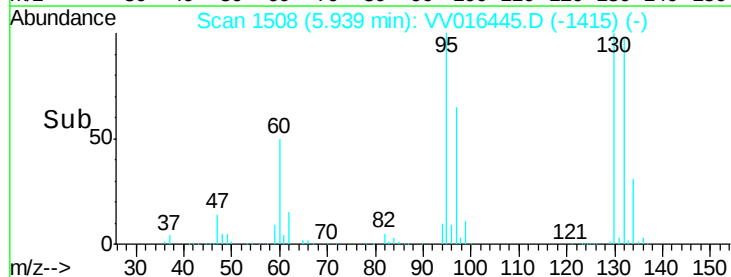
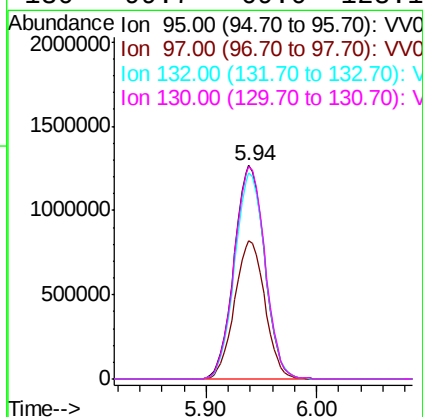
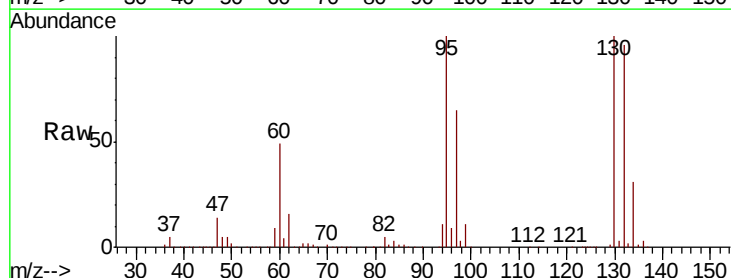
Instrument :
MSVOA_V
ClientSampleId :

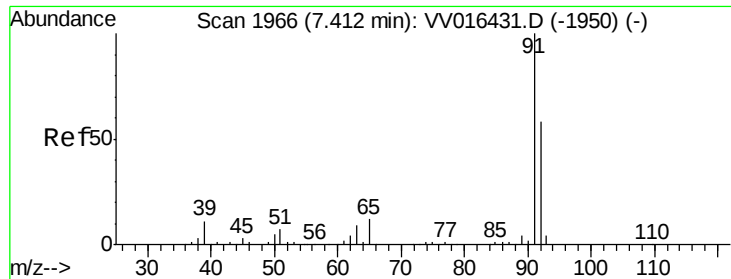
Tot Ion: 83 Resp: 23072
Ion Ratio Lower Upper
83 100
85 62.9 46.1 85.7



#34
Trichloroethene
Concen: 871.260 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VV016445.D
Acq: 02 Jun 2020 22:44

Tgt Ion: 95 Resp: 2428788
Ion Ratio Lower Upper
95 100
97 64.9 42.8 79.6
132 96.2 65.6 121.8
130 99.7 69.0 128.1





#42

Toluene

Concen: 0.664 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.00 min

Lab File: VV016445.D

Acq: 02 Jun 2020 22:44

Instrument :

MSVOA_V

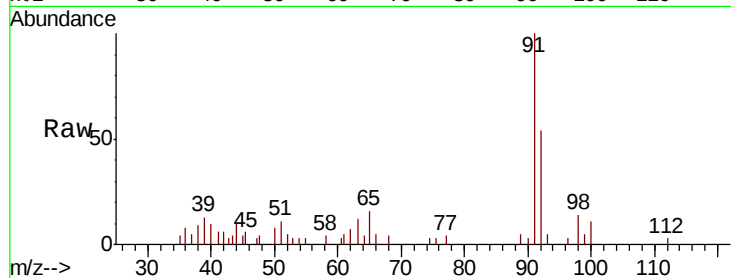
ClientSampled :

Tot Ion: 91 Resp: 7475

Ion Ratio Lower Upper

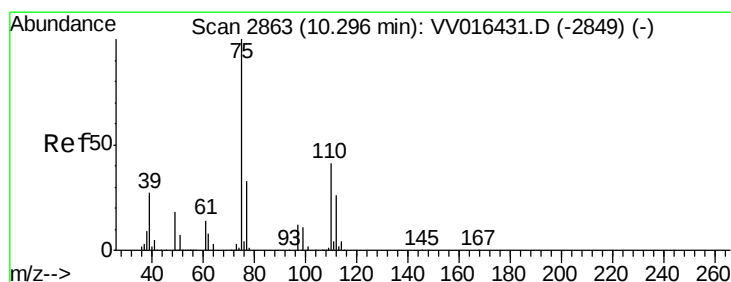
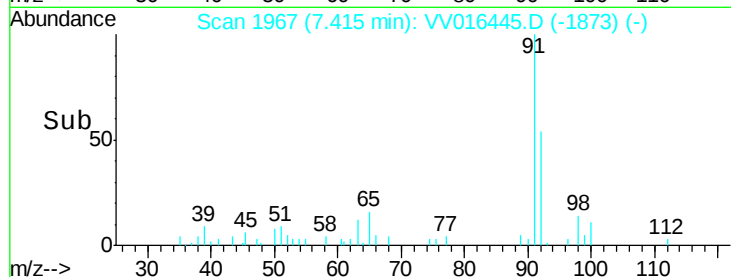
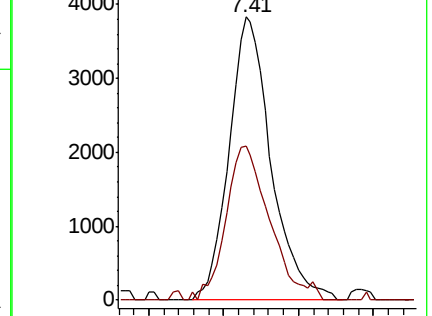
91 100

92 54.3 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.141 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016445.D

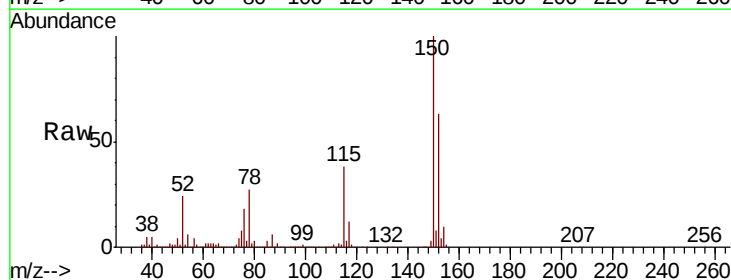
Acq: 02 Jun 2020 22:44

Tgt Ion: 75 Resp: 21220

Ion Ratio Lower Upper

75 100

77 38.3 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

