

Data File : VV014258.D
Acq On : 03 Jan 2020 16:16
Operator : SY/MD
Sample : L1022-04MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BR3MS

Quant Time: Jan 03 22:49:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 03 22:46:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	817161	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	749199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	343037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	301312	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.59	69	223492	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.14	63	453449	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	3.92	46	674955	49.14	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	4.40	84	406915	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.08	65	272142	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	1124032	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	355587	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	1016410	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.66	79	150319	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.13	63	623580	48.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	241700	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	327228	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

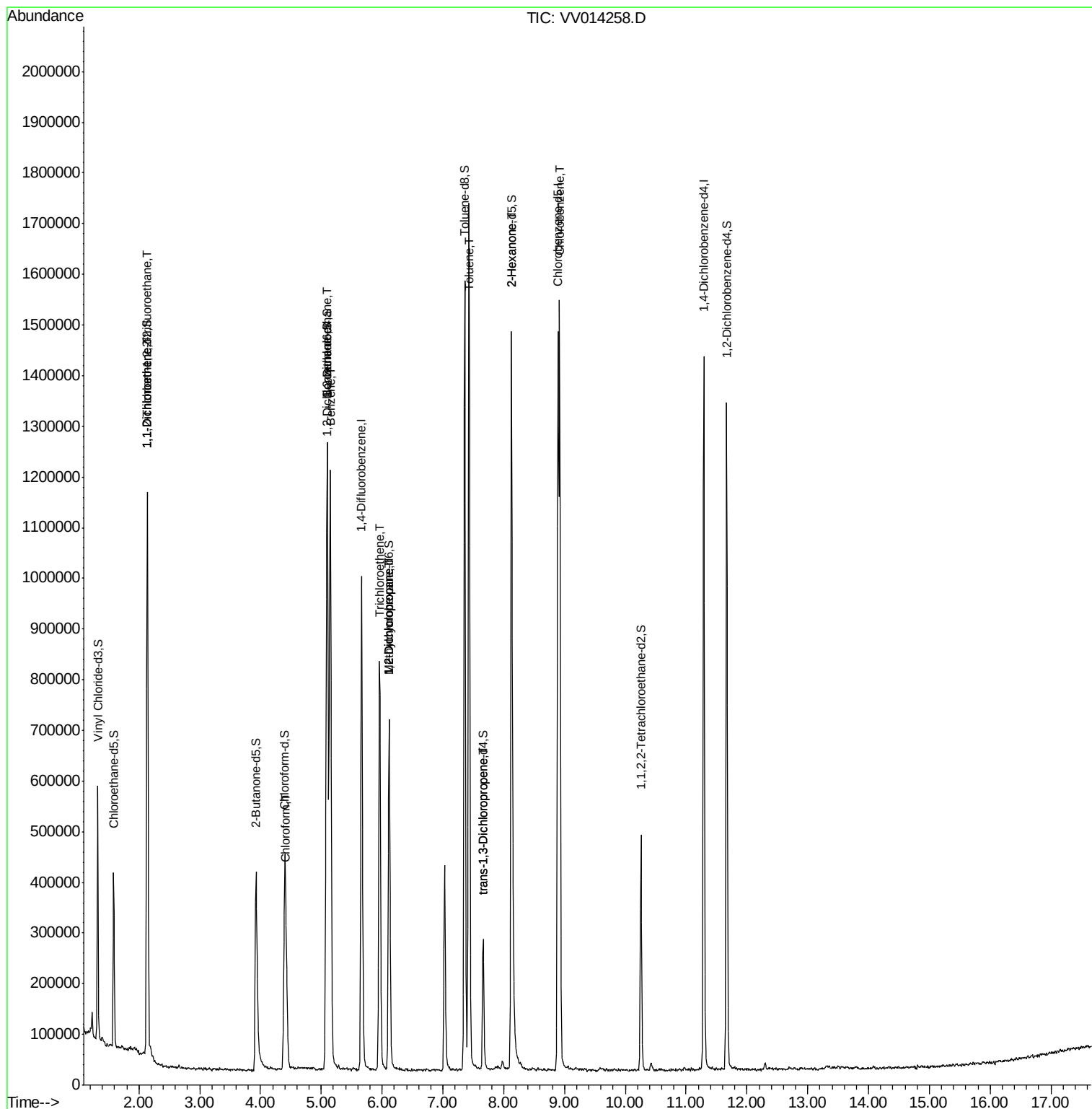
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3961	0.108 ug/L #	32
12) 1,1-Dichloroethene	2.14	96	198511	5.437 ug/L	92
25) Chloroform	4.43	83	131823	1.280 ug/L	99
27) 1,2-Dichloroethane	5.10	62	6865	0.111 ug/L	97
33) Benzene	5.15	78	1171066	5.075 ug/L	100
34) Trichloroethene	5.96	95	299883	5.058 ug/L	98
35) Methylcyclohexane	6.12	83	81917	0.845 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	38692	0.664 ug/L #	87
42) Toluene	7.43	91	1239800	5.090 ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	6449	0.089 ug/L	94
48) 2-Hexanone	8.13	43	81529	3.211 ug/L #	65
51) Chlorobenzene	8.92	112	751287	5.016 ug/L	98

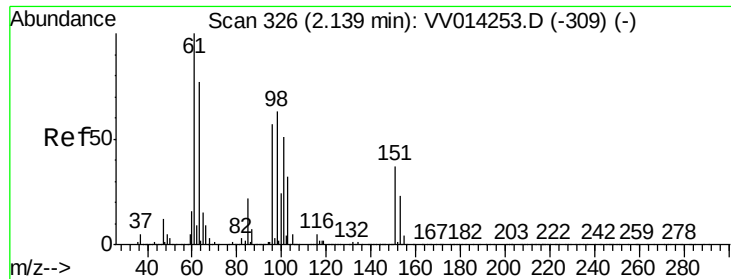
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.108 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014258.D

Acq: 03 Jan 2020 16:16

Instrument :

MSVOA_V

ClientSampleId :

H0BR3MS

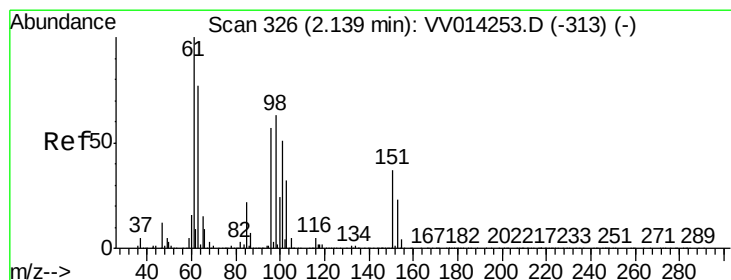
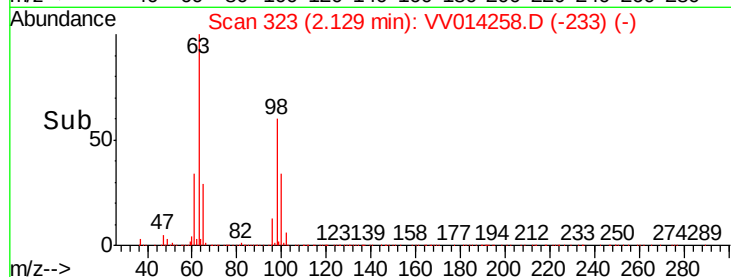
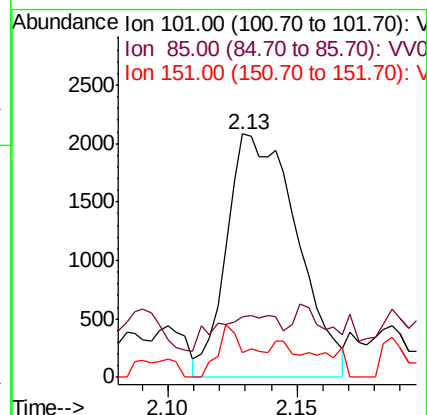
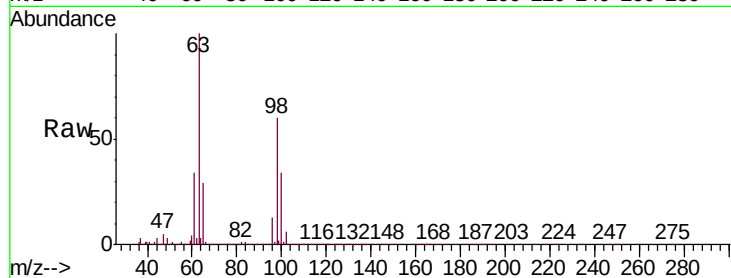
Tgt Ion: 101 Resp: 3961

Ion Ratio Lower Upper

101 100

85 13.5 34.9 52.3#

151 8.9 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 5.437 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.01 min

Lab File: VV014258.D

Acq: 03 Jan 2020 16:16

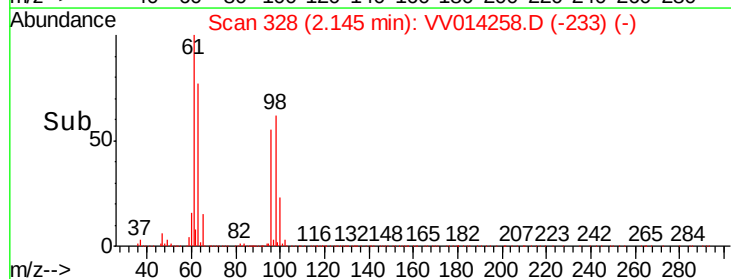
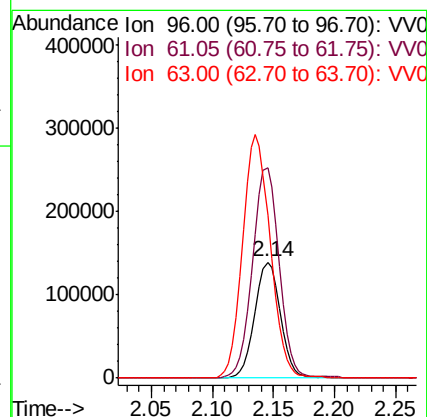
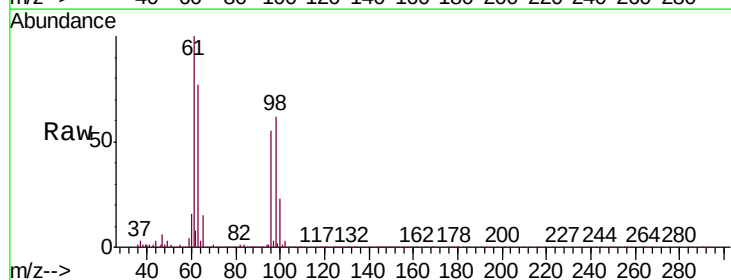
Tgt Ion: 96 Resp: 198511

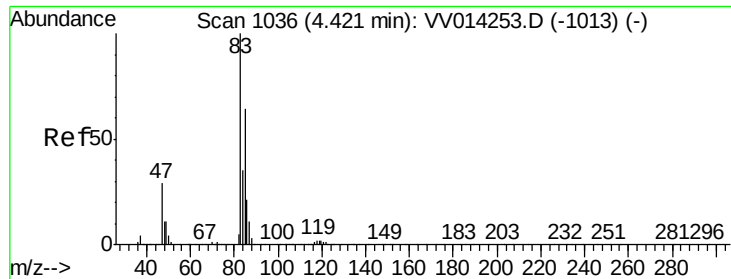
Ion Ratio Lower Upper

96 100

61 181.9 121.5 225.7

63 140.2 90.3 167.7

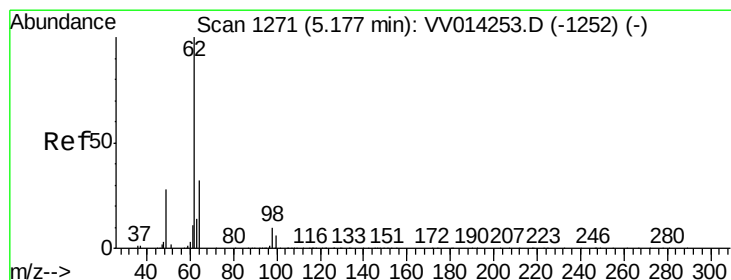
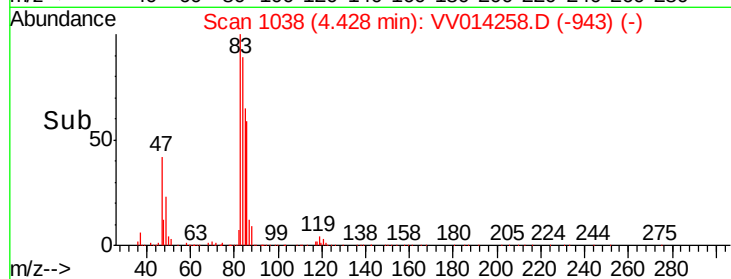
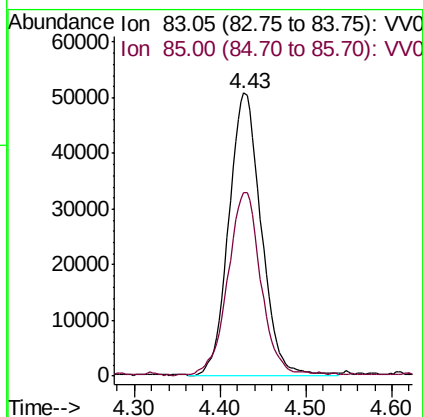
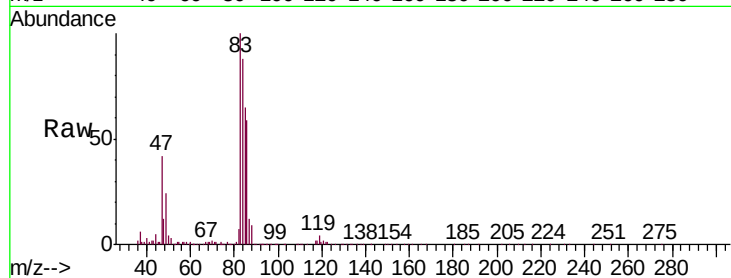




#25
Chloroform
Concen: 1.280 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014258.D
Acq: 03 Jan 2020 16:16

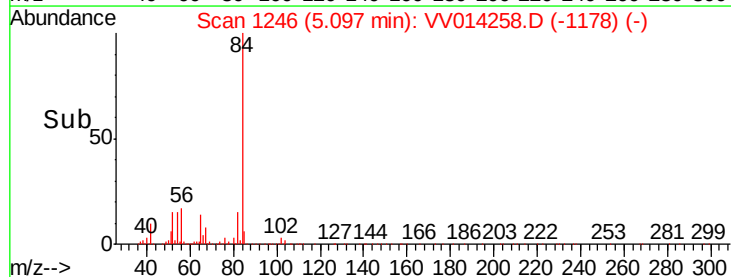
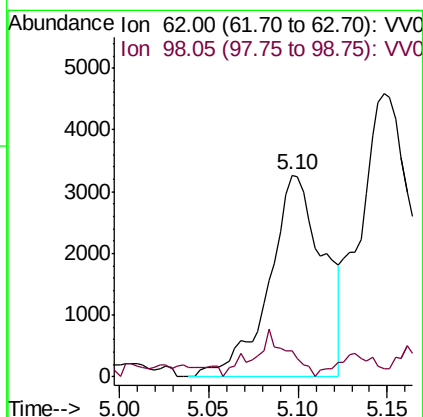
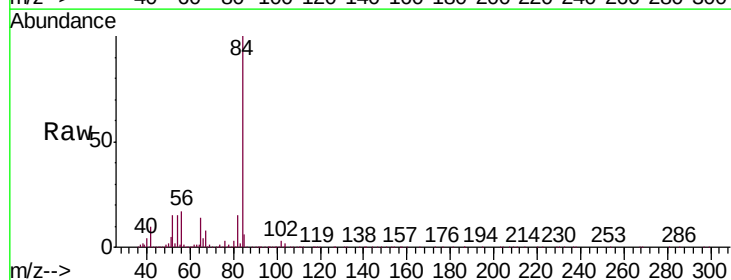
Instrument :
MSVOA_V
ClientSampleId :
H0BR3MS

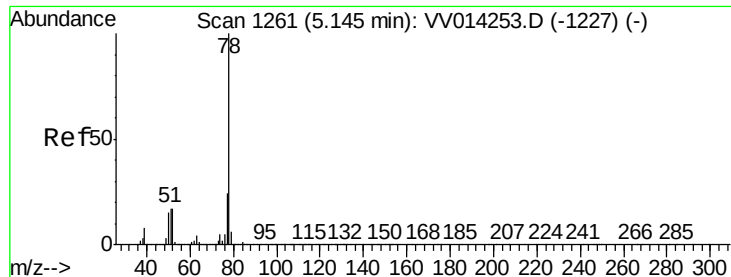
Tgt Ion: 83 Resp: 131823
Ion Ratio Lower Upper
83 100
85 64.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV014258.D
Acq: 03 Jan 2020 16:16

Tgt Ion: 62 Resp: 6865
Ion Ratio Lower Upper
62 100
98 12.7 9.2 13.8





#33

Benzene

Concen: 5.075 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV014258.D

Acq: 03 Jan 2020 16:16

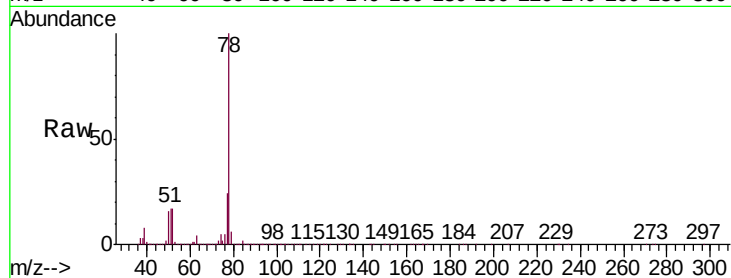
Instrument :

MSVOA_V

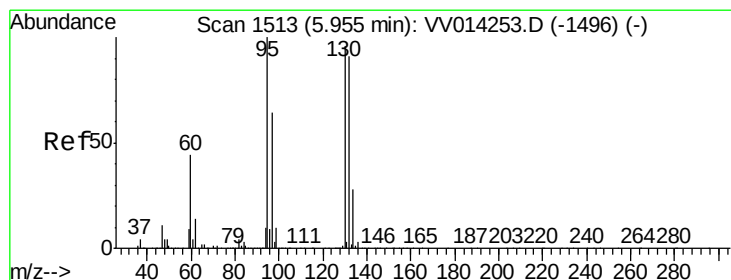
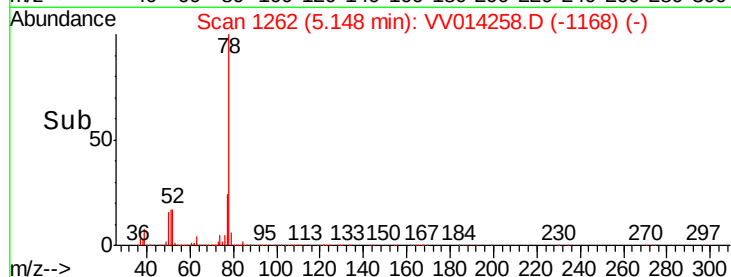
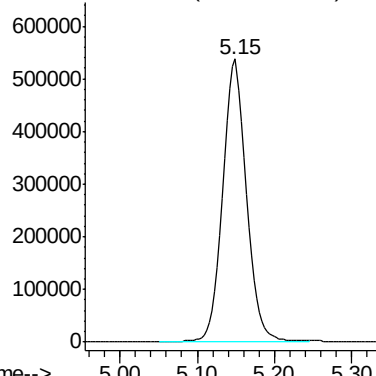
ClientSampleId :

H0BR3MS

Tgt Ion: 78 Resp: 1171066



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.058 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014258.D

Acq: 03 Jan 2020 16:16

Tgt Ion: 95 Resp: 299883

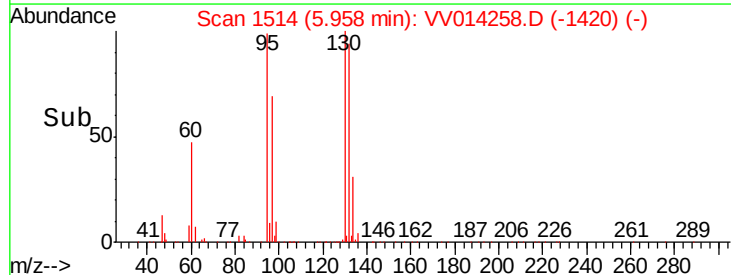
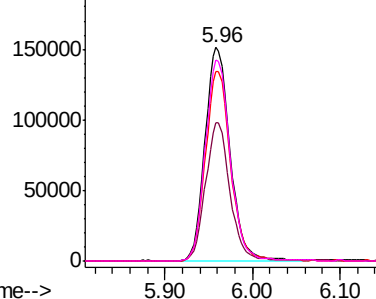
Ion	Ratio	Lower	Upper
95	100		
97	64.9	43.8	81.3
132	88.7	63.4	117.8
130	94.3	65.7	122.1

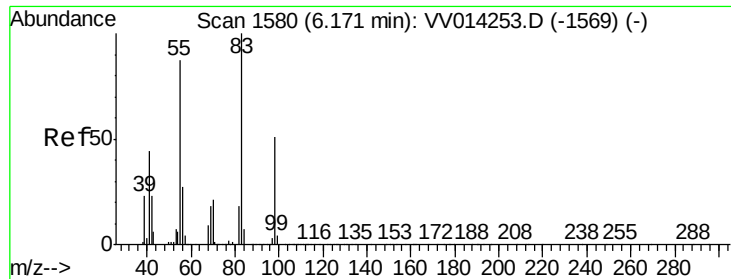
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

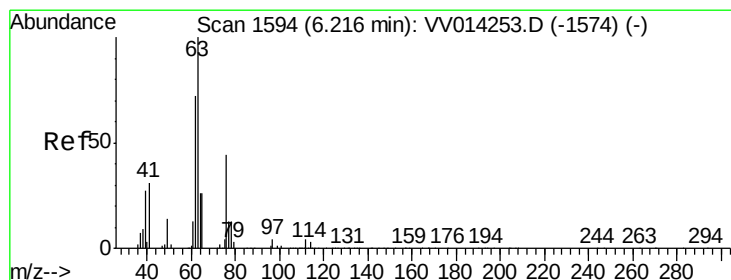
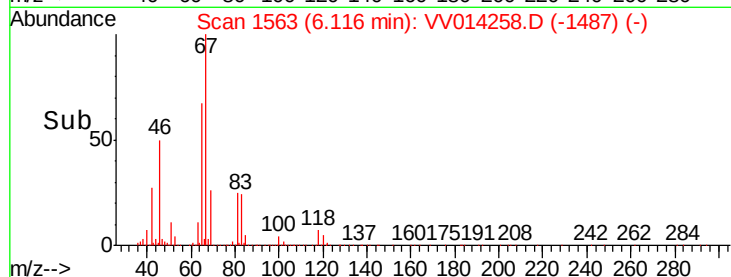
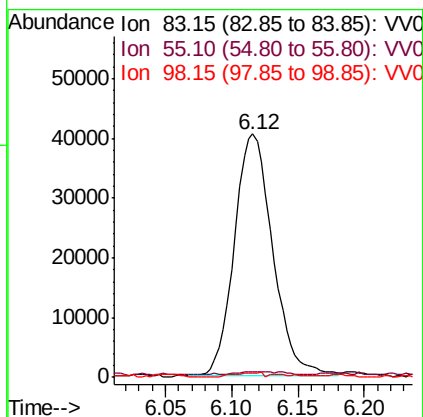
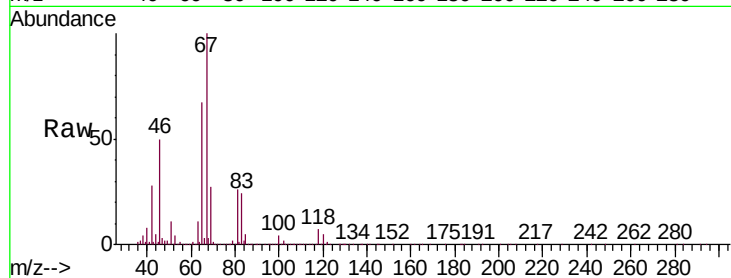




#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014258.D
Acq: 03 Jan 2020 16:16

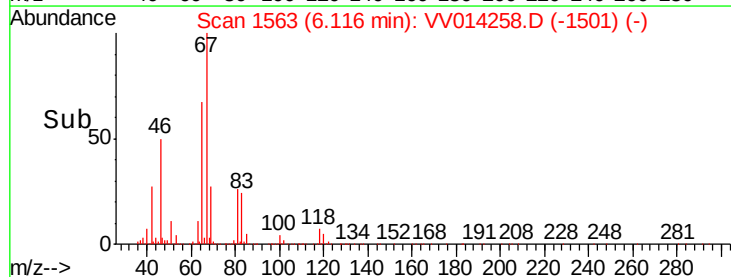
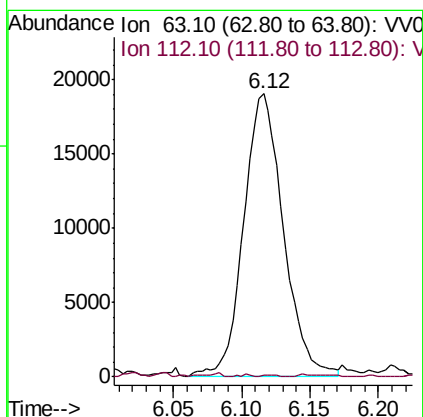
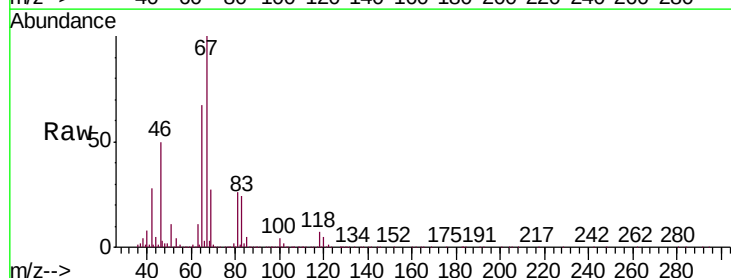
Instrument :
MSVOA_V
ClientSampleId :
H0BR3MS

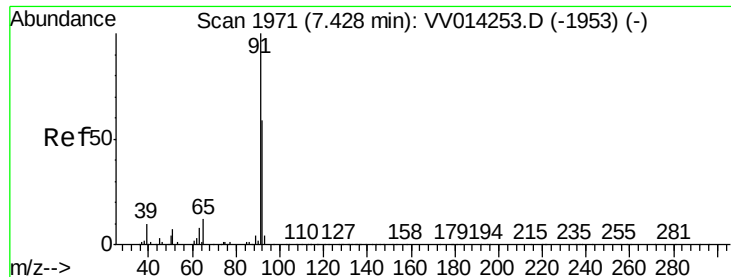
Tgt Ion: 83 Resp: 81917
Ion Ratio Lower Upper
83 100
55 0.2 61.7 92.5#
98 1.4 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014258.D
Acq: 03 Jan 2020 16:16

Tgt Ion: 63 Resp: 38692
Ion Ratio Lower Upper
63 100
112 0.3 3.7 5.5#





#42

Toluene

Concen: 5.090 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV014258.D

Acq: 03 Jan 2020 16:16

Instrument :

MSVOA_V

ClientSampleId :

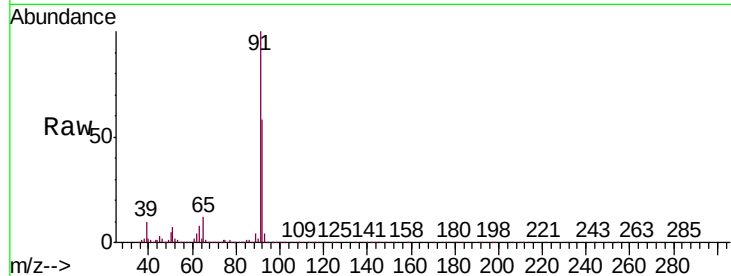
H0BR3MS

Tgt Ion: 91 Resp: 1239800

Ion Ratio Lower Upper

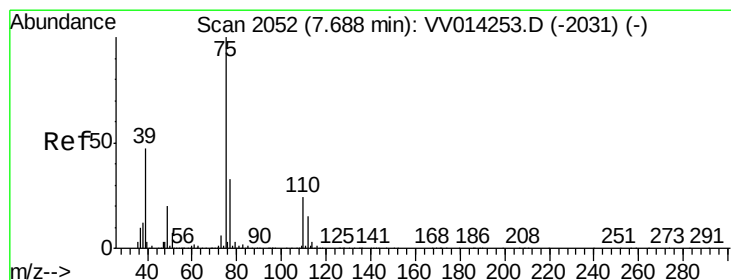
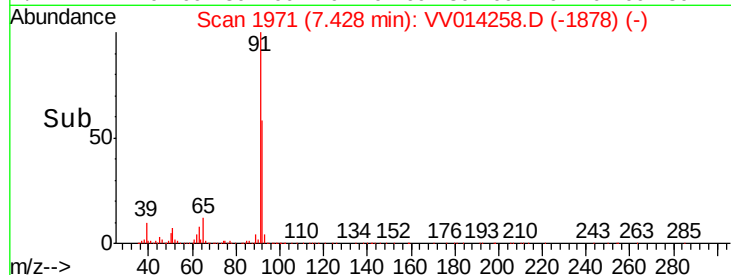
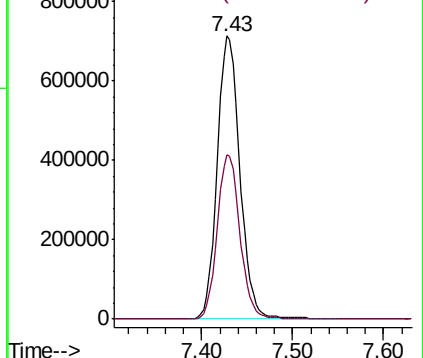
91 100

92 58.2 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014258.D

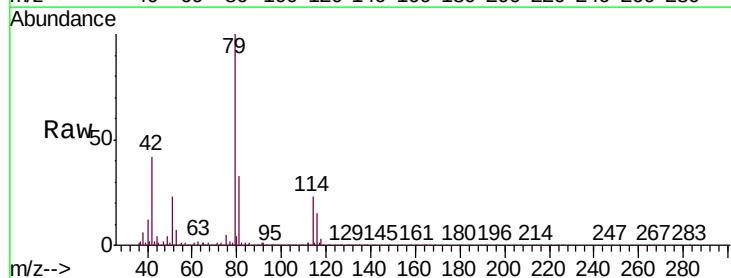
Acq: 03 Jan 2020 16:16

Tgt Ion: 75 Resp: 6449

Ion Ratio Lower Upper

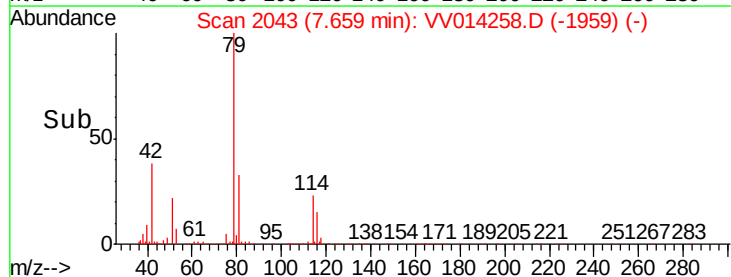
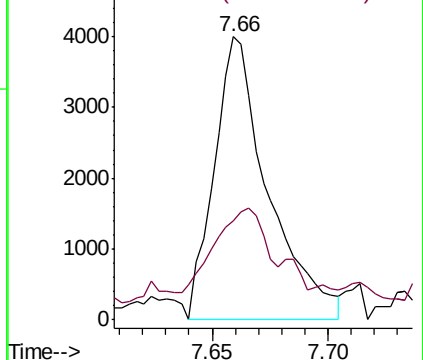
75 100

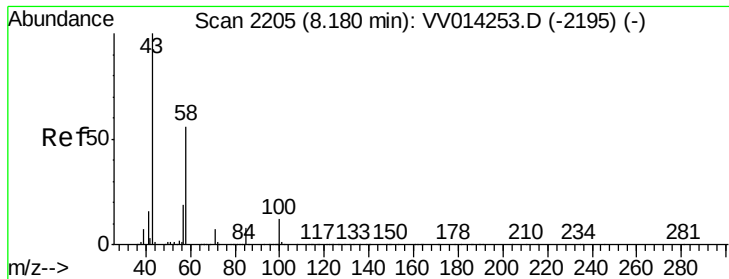
77 34.9 22.0 41.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

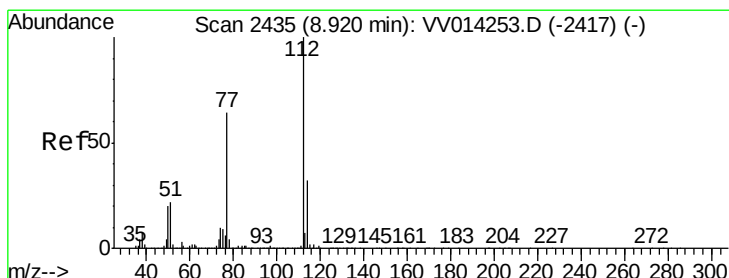
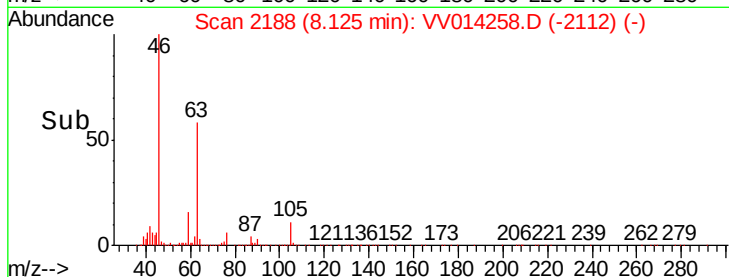
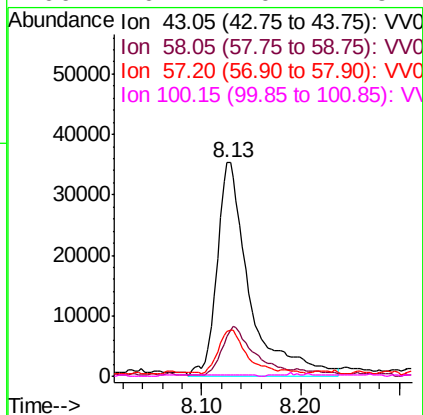
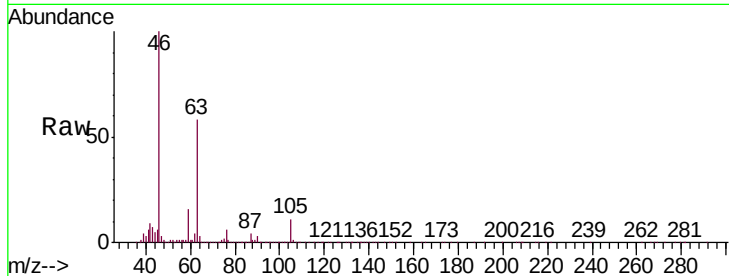




#48
2-Hexanone
Concen: 3.211 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014258.D
Acq: 03 Jan 2020 16:16

Instrument :
MSVOA_V
ClientSampled :
H0BR3MS

Tgt Ion:	43	Resp:	81529
Ion	Ratio	Lower	Upper
43	100		
58	22.3	45.4	68.0#
57	17.6	15.8	23.8
100	0.1	10.2	15.4#



#51
Chlorobenzene
Concen: 5.016 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014258.D
Acq: 03 Jan 2020 16:16

Tgt Ion:	112	Resp:	751287
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.5	41.7
77	63.2	49.3	73.9

