

Data File : VV014068.D
Acq On : 16 Dec 2019 13:38
Operator : SY/MD
Sample : K6275-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDS3

Quant Time: Dec 17 05:46:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 05:42:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	385788	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	377111	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93979	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.58	69	87903	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.13	63	117785	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.93	46	239050	48.16	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	4.40	84	189151	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	5.08	65	93843	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
32) Benzene-d6	5.10	84	345894	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.20%
36) 1,2-Dichloropropane-d6	6.12	67	115846	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.36	98	252183	2.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.20%#
43) trans-1,3-Dichloropropene-	7.66	79	37336	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	8.13	63	139932	33.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	77421	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	124807	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

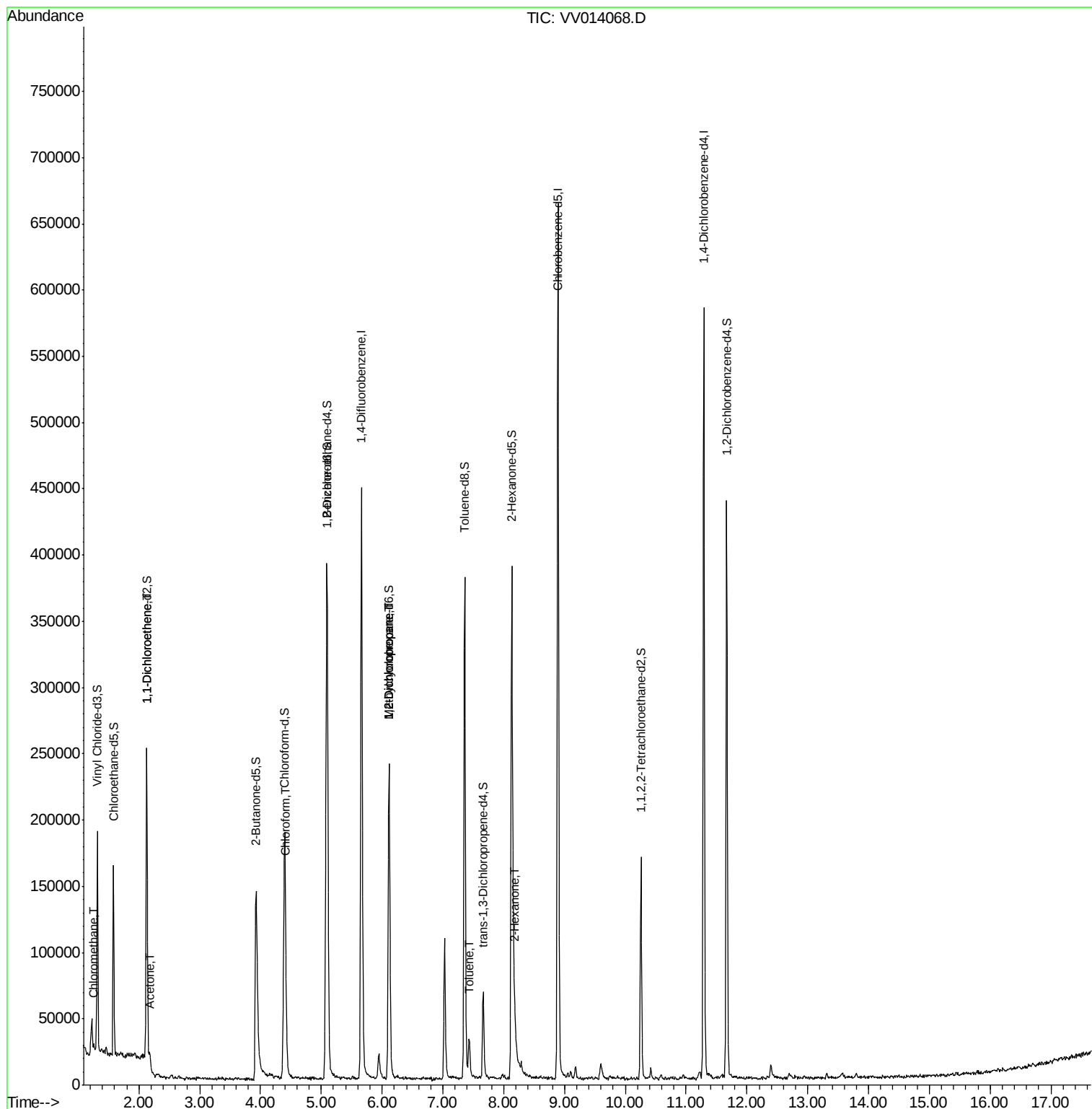
						Qvalue
3) Chloromethane	1.25	50	1647	0.073	ug/L #	65
12) 1,1-Dichloroethene	2.13	96	1626	0.088	ug/L #	1
13) Acetone	2.19	43	7583	2.185	ug/L #	45
25) Chloroform	4.42	83	9890	0.223	ug/L	99
35) Methylcyclohexane	6.12	83	30003	0.881	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	13022	0.548	ug/L #	88
42) Toluene	7.43	91	21460	0.216	ug/L	96
48) 2-Hexanone	8.18	43	17815	1.799	ug/L #	82

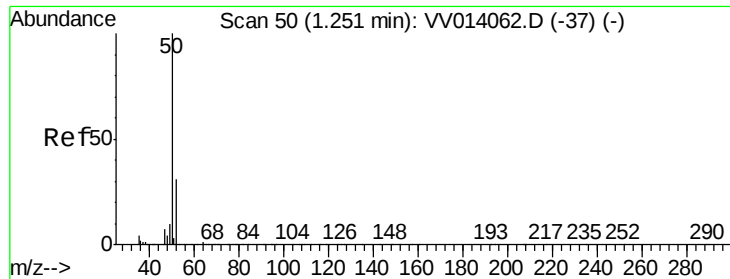
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.073 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_V

ClientSampleId :

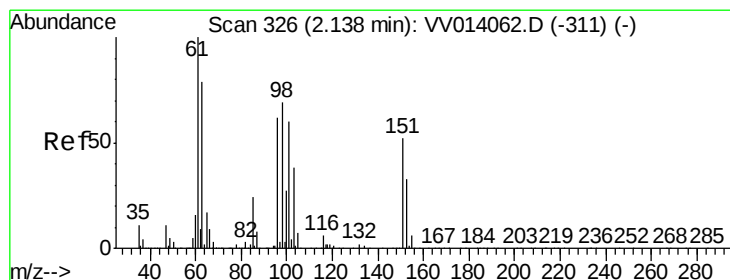
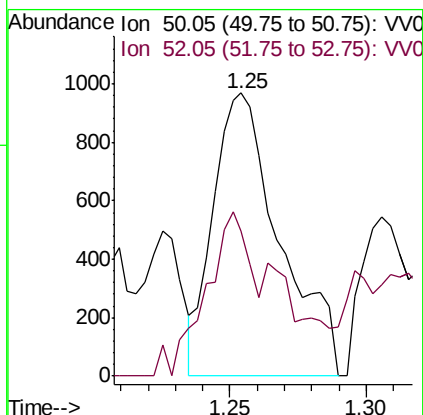
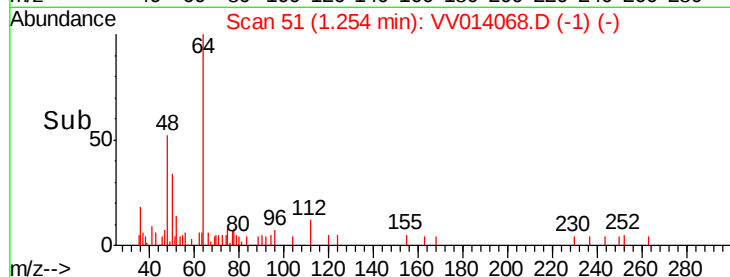
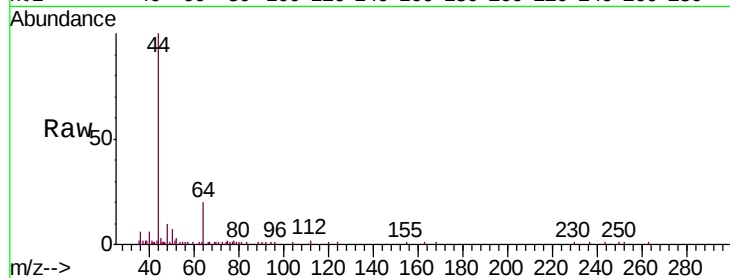
BFDS3

Tgt Ion: 50 Resp: 1647

Ion Ratio Lower Upper

50 100

52 51.4 22.5 41.7#



#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014068.D

Acq: 16 Dec 2019 13:38

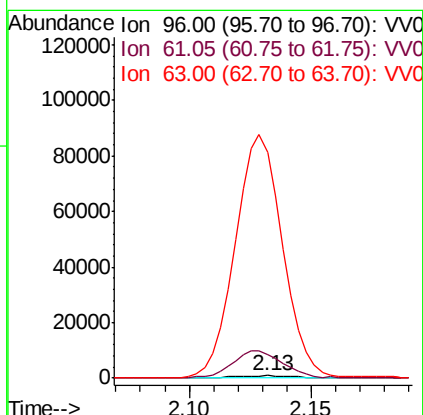
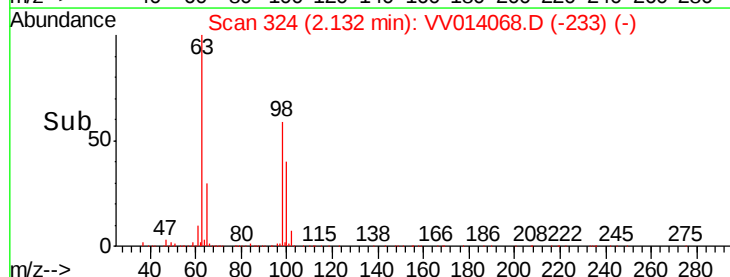
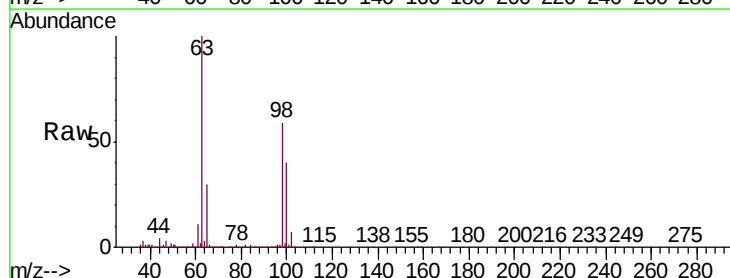
Tgt Ion: 96 Resp: 1626

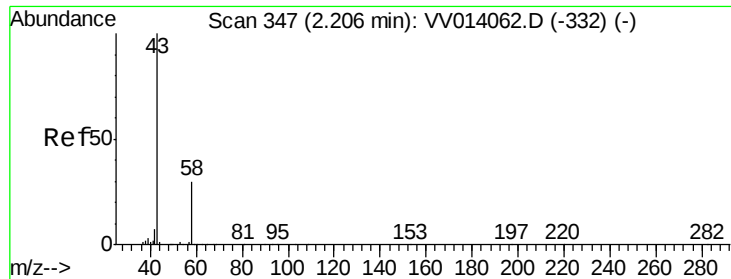
Ion Ratio Lower Upper

96 100

61 1021.8 116.3 215.9#

63 9638.9 96.7 179.7#





#13

Acetone

Concen: 2.185 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014068.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_V

ClientSampleId :

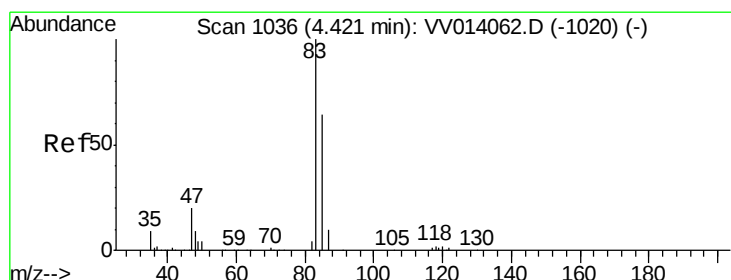
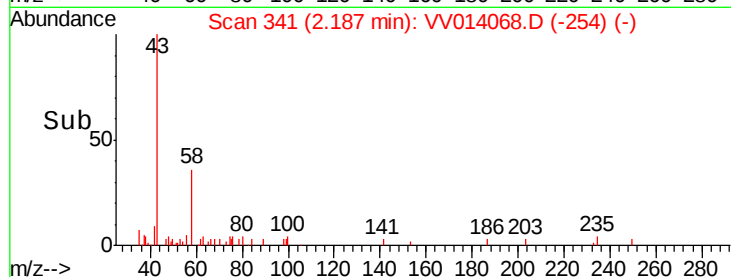
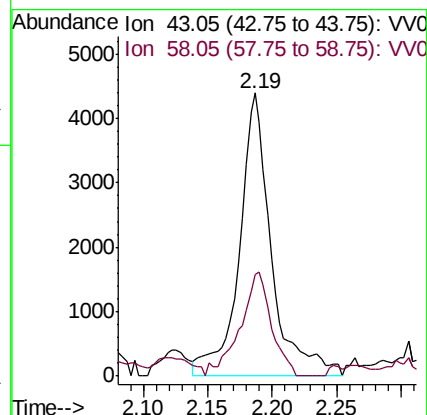
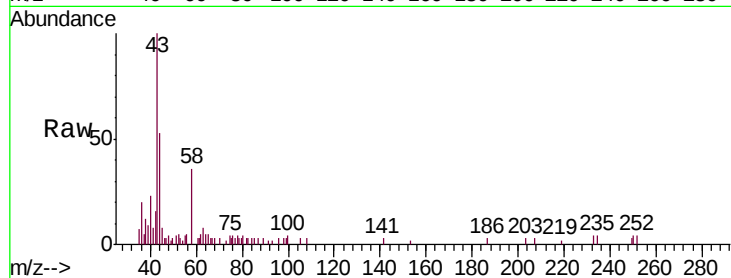
BFDS3

Tgt Ion: 43 Resp: 7583

Ion Ratio Lower Upper

43 100

58 35.8 0.0 27.2#



#25

Chloroform

Concen: 0.223 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV014068.D

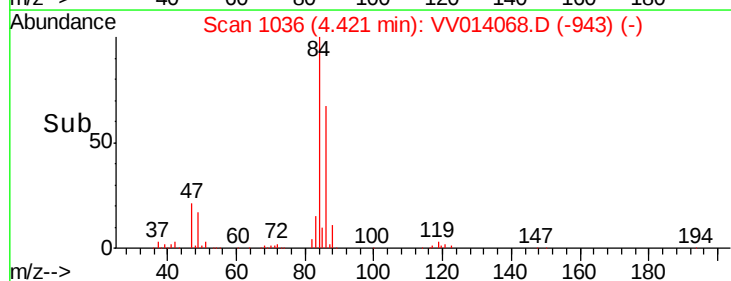
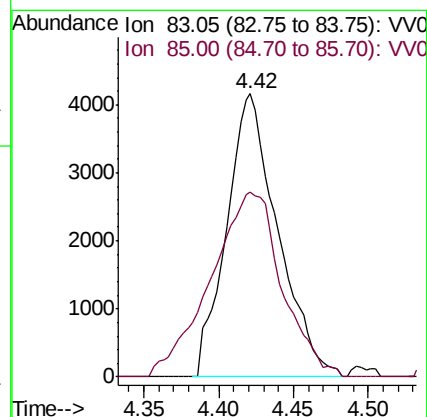
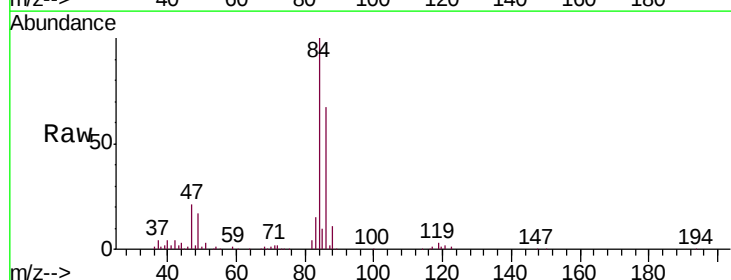
Acq: 16 Dec 2019 13:38

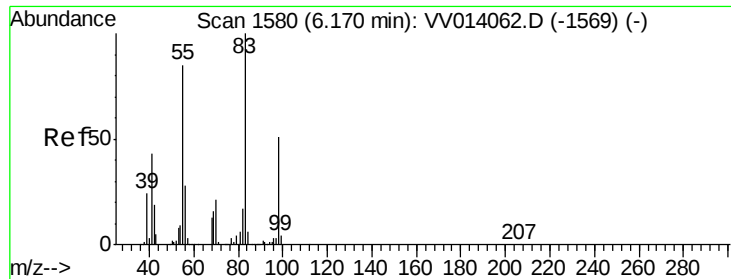
Tgt Ion: 83 Resp: 9890

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7

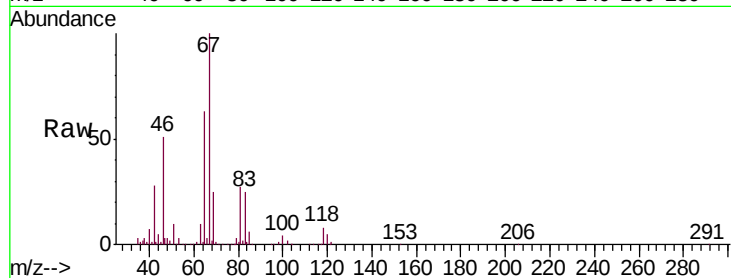




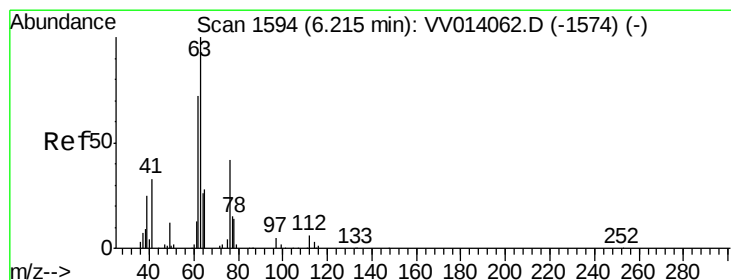
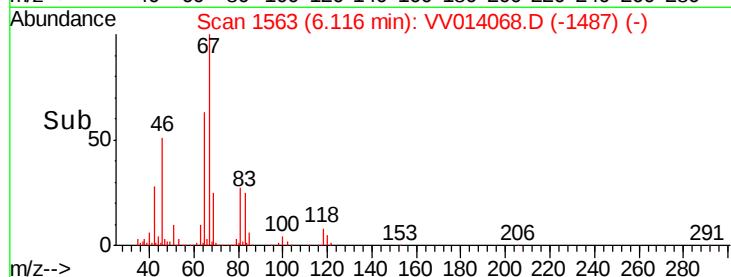
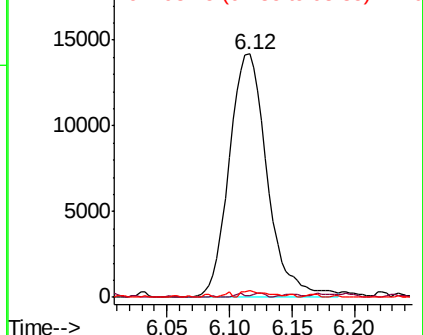
#35
Methylcyclohexane
Concen: 0.881 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014068.D
Acq: 16 Dec 2019 13:38

Instrument :
MSVOA_V
ClientSampleId :
BFDS3

Tgt Ion: 83 Resp: 30003
Ion Ratio Lower Upper
83 100
55 0.5 60.3 90.5#
98 1.9 38.1 57.1#

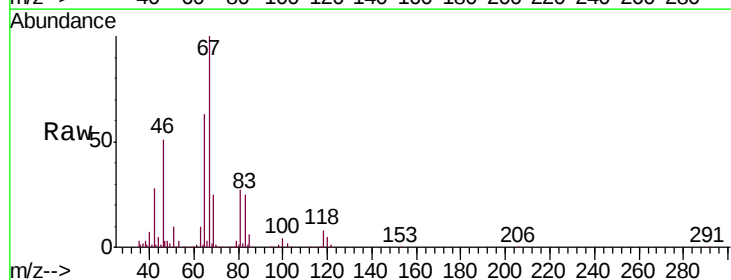


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

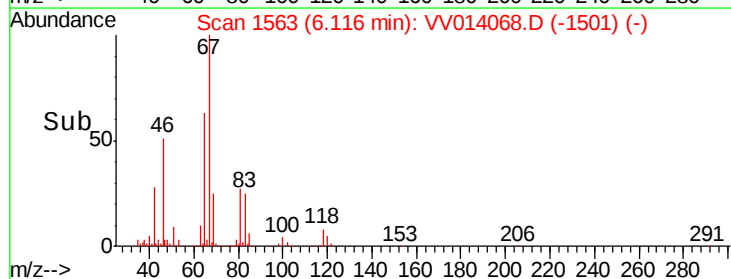
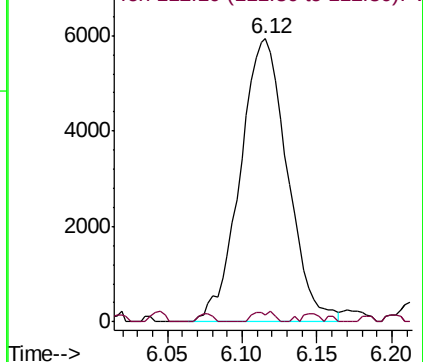


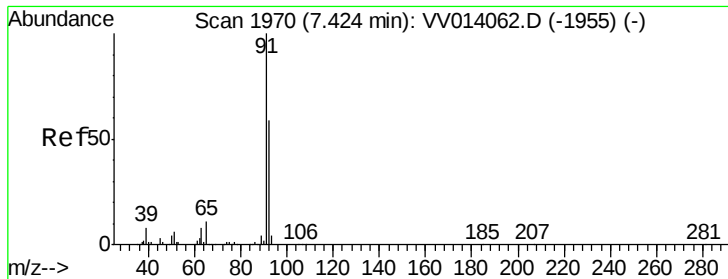
#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014068.D
Acq: 16 Dec 2019 13:38

Tgt Ion: 63 Resp: 13022
Ion Ratio Lower Upper
63 100
112 1.5 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.216 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014068.D

Acq: 16 Dec 2019 13:38

Instrument :

MSVOA_V

ClientSampleId :

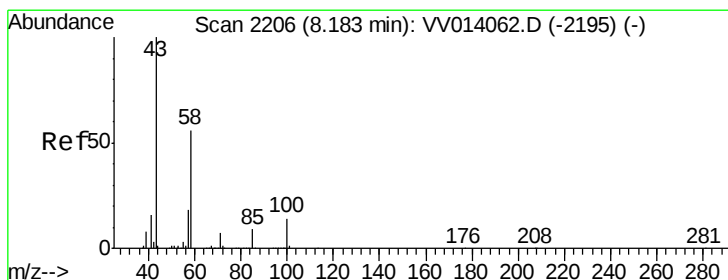
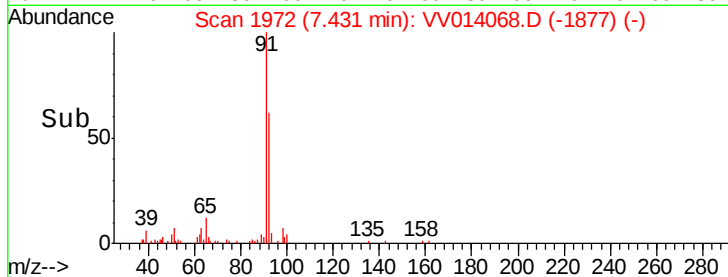
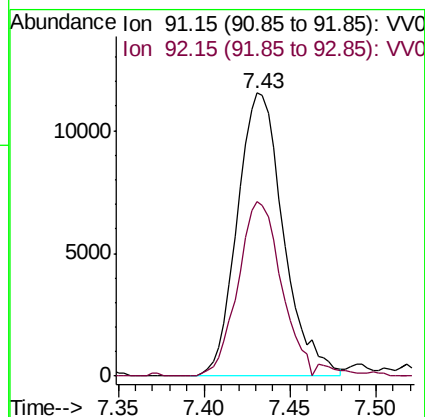
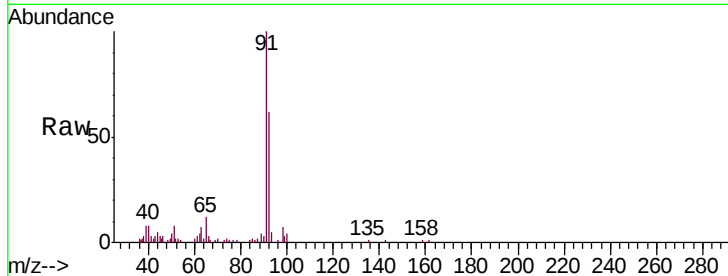
BFDS3

Tgt Ion: 91 Resp: 21460

Ion Ratio Lower Upper

91 100

92 61.5 41.1 76.3



#48

2-Hexanone

Concen: 1.799 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV014068.D

Acq: 16 Dec 2019 13:38

Tgt Ion: 43 Resp: 17815

Ion Ratio Lower Upper

43 100

58 40.9 43.2 64.8#

57 9.3 15.4 23.2#

100 8.9 10.4 15.6#

