

Data File : VV014070.D
Acq On : 16 Dec 2019 14:25
Operator : SY/MD
Sample : K6275-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDS4

Quant Time: Dec 17 05:46:37 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	374297	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	159224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99698	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	93970	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	122426	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.93	46	256269	53.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.42%
24) Chloroform-d	4.40	84	193670	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.08	65	100353	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	362668	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
36) 1,2-Dichloropropane-d6	6.12	67	122152	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.36	98	262010	2.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.40%#
43) trans-1,3-Dichloropropene-	7.66	79	39871	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.13	63	156100	38.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85346	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	125429	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

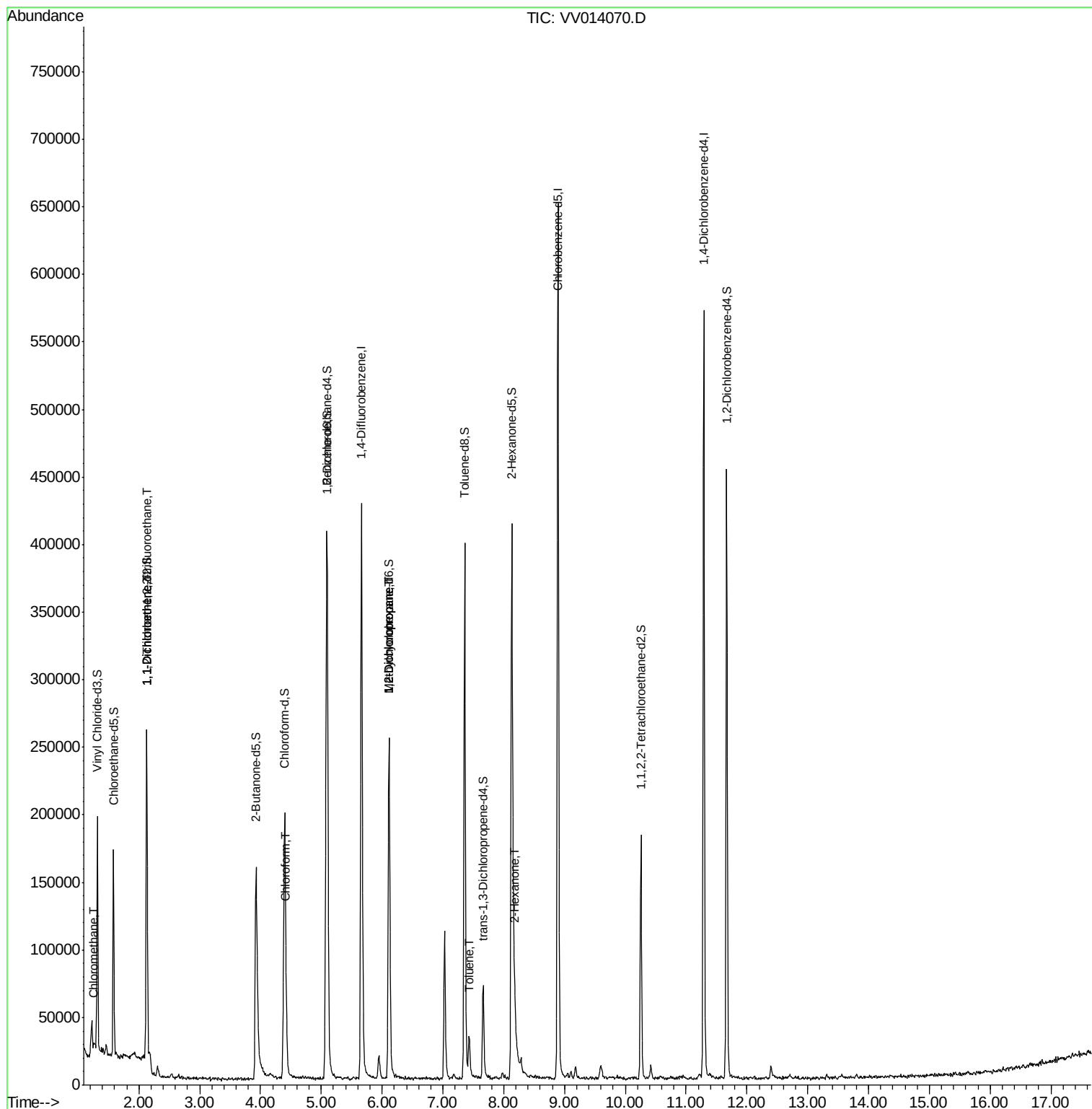
						Qvalue
3) Chloromethane	1.25	50	1686	0.077	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1723	0.084	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	1610	0.089	ug/L #	1
25) Chloroform	4.43	83	12982	0.302	ug/L	98
35) Methylcyclohexane	6.12	83	31182	0.932	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	13734	0.588	ug/L #	90
42) Toluene	7.43	91	21687	0.222	ug/L	97
48) 2-Hexanone	8.18	43	23039	2.367	ug/L #	76

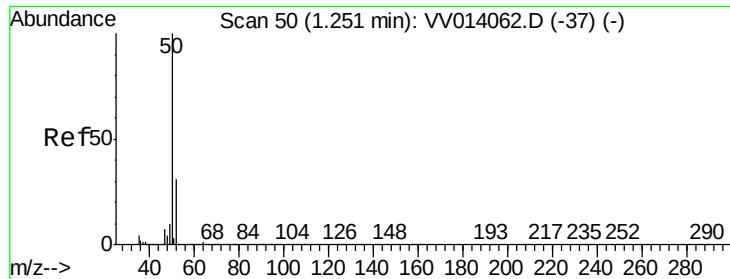
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.077 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014070.D

Acq: 16 Dec 2019 14:25

Instrument :

MSVOA_V

ClientSampleId :

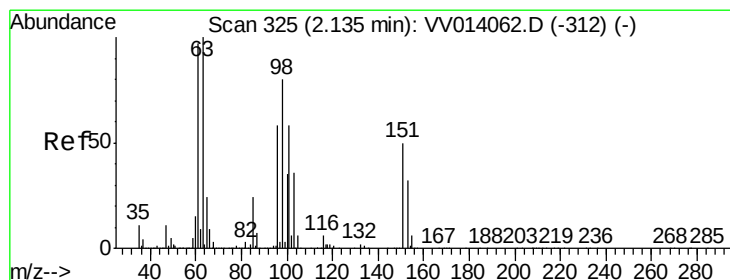
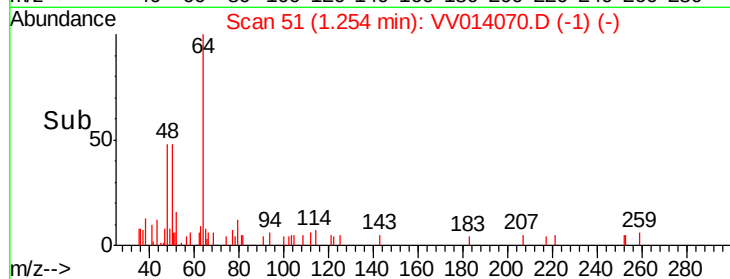
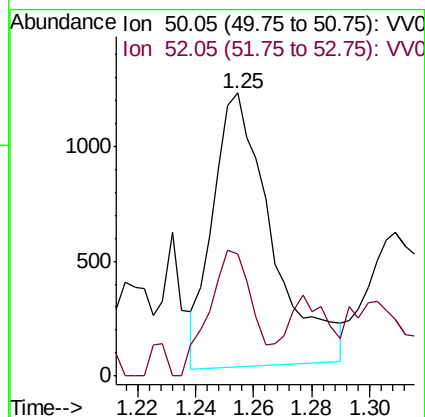
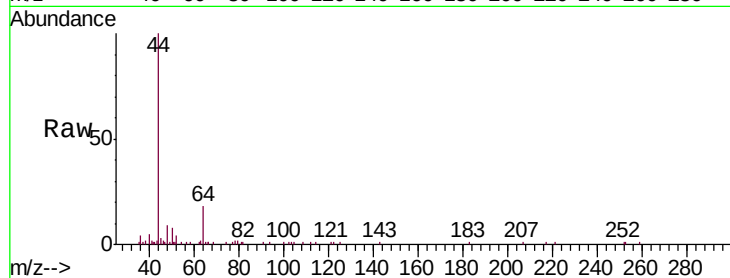
BFDS4

Tgt Ion: 50 Resp: 1686

Ion Ratio Lower Upper

50 100

52 43.1 22.5 41.7#



#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014070.D

Acq: 16 Dec 2019 14:25

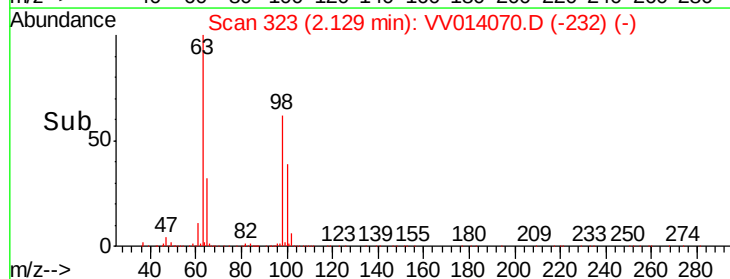
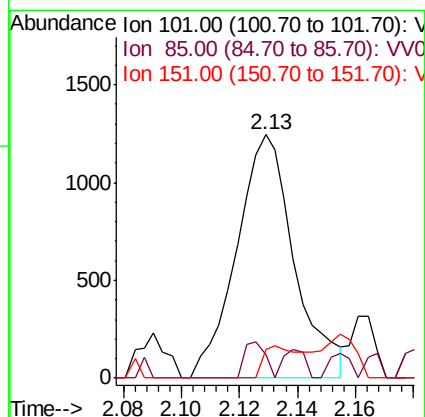
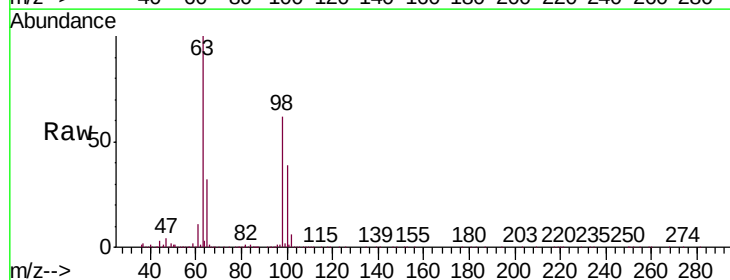
Tgt Ion: 101 Resp: 1723

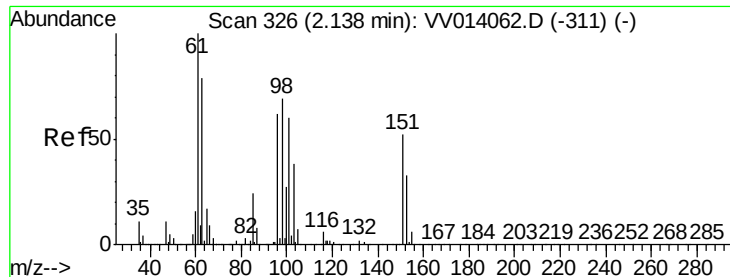
Ion Ratio Lower Upper

101 100

85 5.3 33.4 50.0#

151 8.2 69.4 104.0#





#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014070.D

Acq: 16 Dec 2019 14:25

Instrument :

MSVOA_V

ClientSampleId :

BFDS4

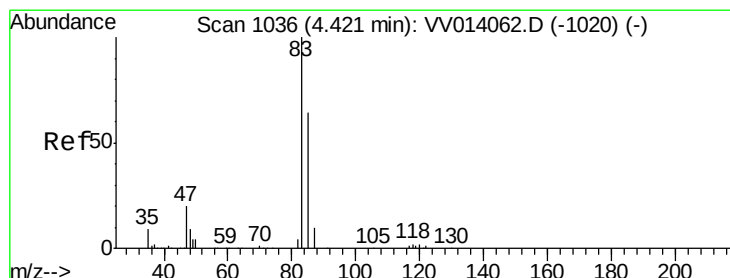
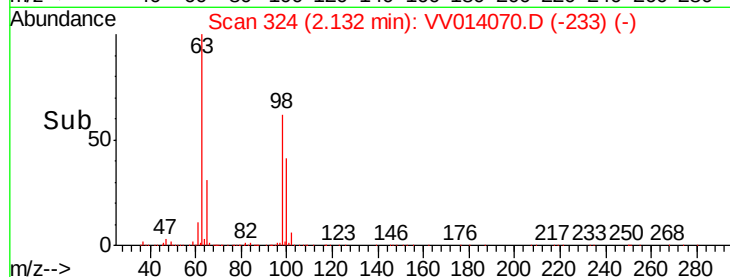
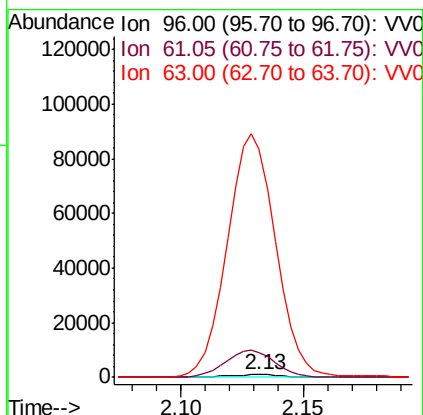
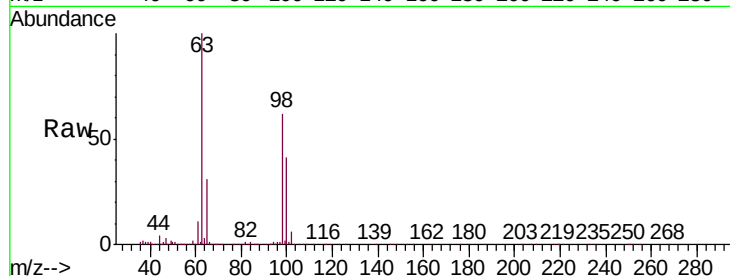
Tgt Ion: 96 Resp: 1610

Ion Ratio Lower Upper

96 100

61 904.2 116.3 215.9#

63 8138.9 96.7 179.7#



#25

Chloroform

Concen: 0.302 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014070.D

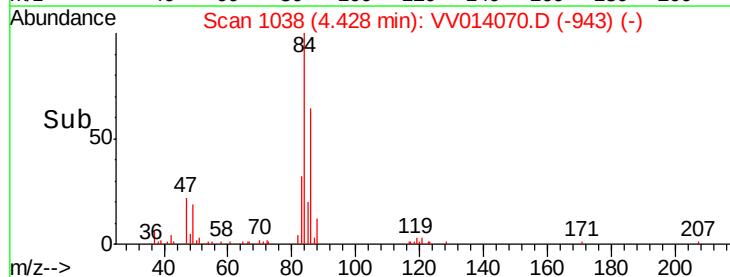
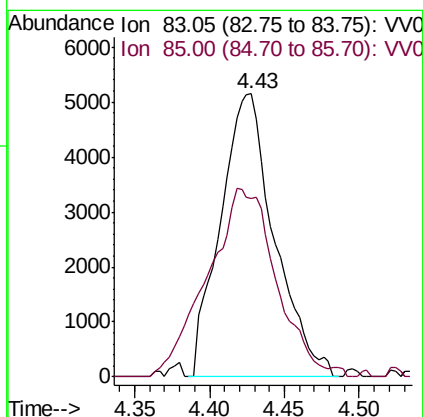
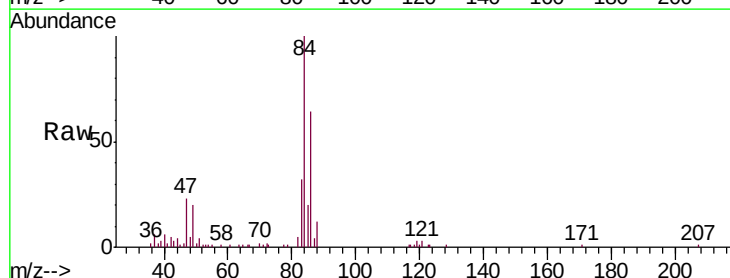
Acq: 16 Dec 2019 14:25

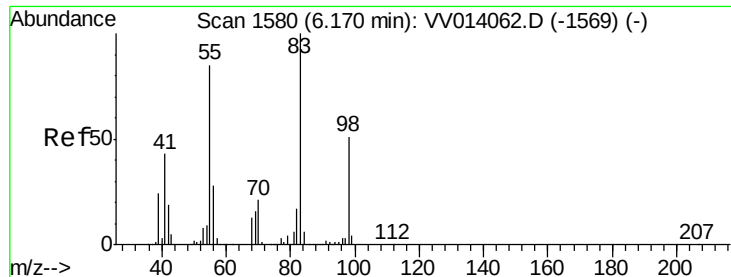
Tgt Ion: 83 Resp: 12982

Ion Ratio Lower Upper

83 100

85 63.2 45.1 83.7

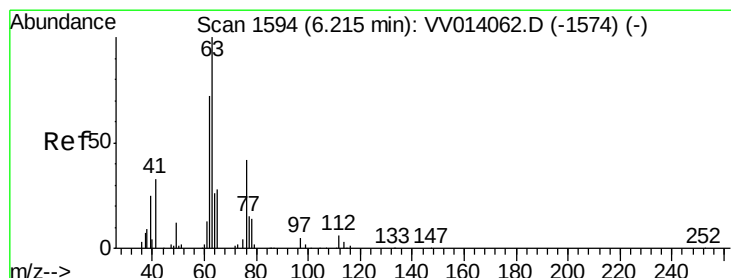
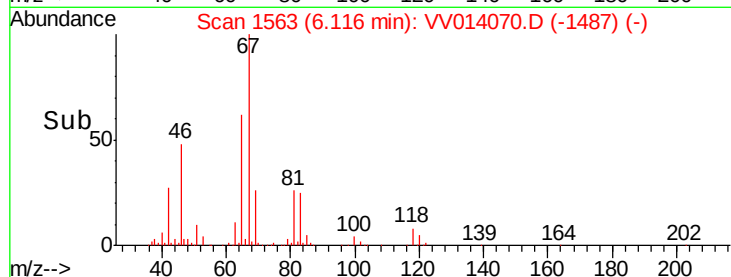
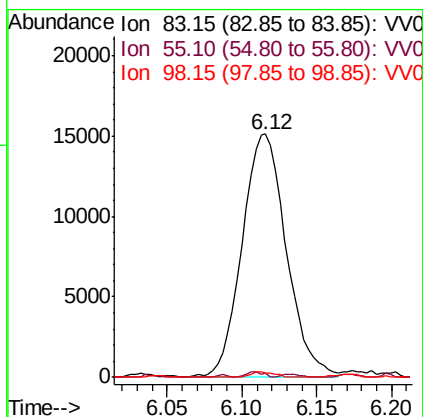
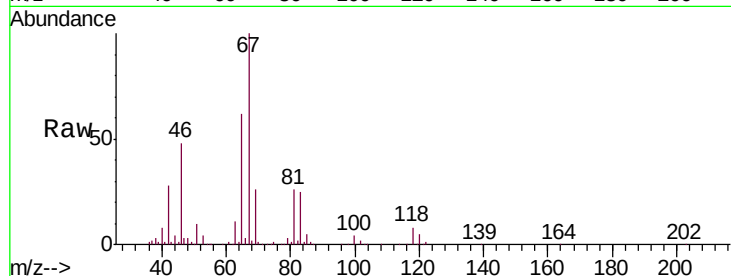




#35
Methylcyclohexane
Concen: 0.932 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014070.D
Acq: 16 Dec 2019 14:25

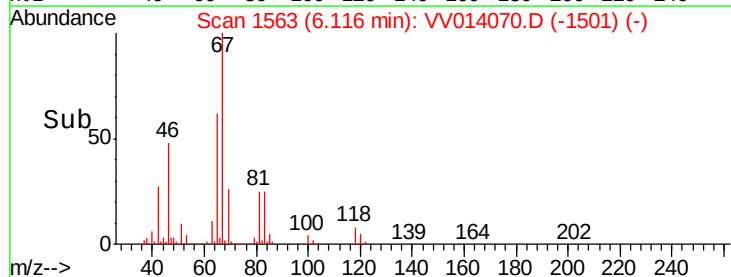
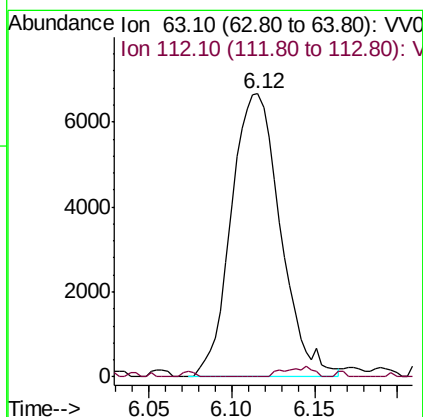
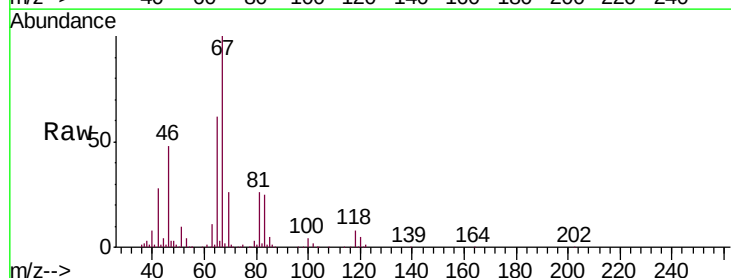
Instrument :
MSVOA_V
ClientSampled :
BFDS4

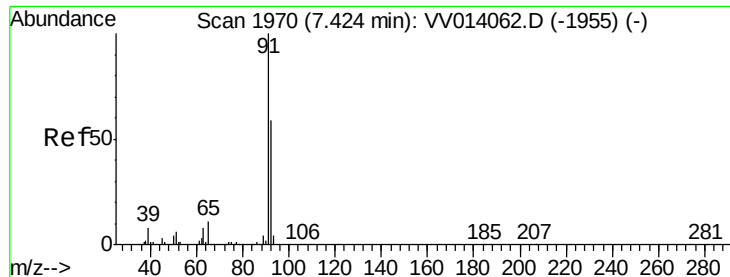
Tgt Ion: 83 Resp: 31182
Ion Ratio Lower Upper
83 100
55 0.8 60.3 90.5#
98 1.1 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014070.D
Acq: 16 Dec 2019 14:25

Tgt Ion: 63 Resp: 13734
Ion Ratio Lower Upper
63 100
112 2.1 4.4 6.6#





#42

Toluene

Concen: 0.222 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014070.D

Acq: 16 Dec 2019 14:25

Instrument :

MSVOA_V

ClientSampleId :

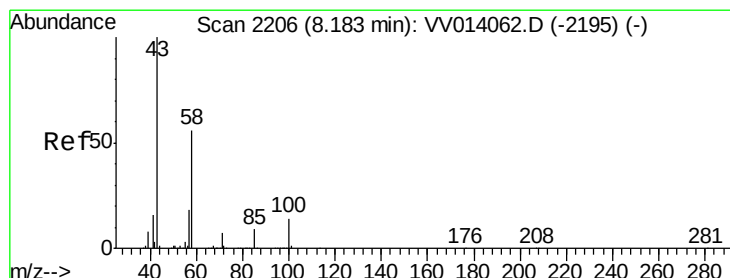
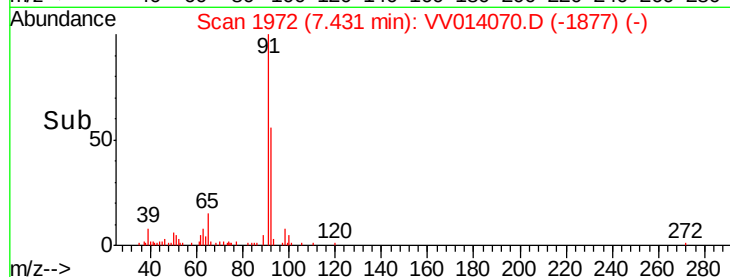
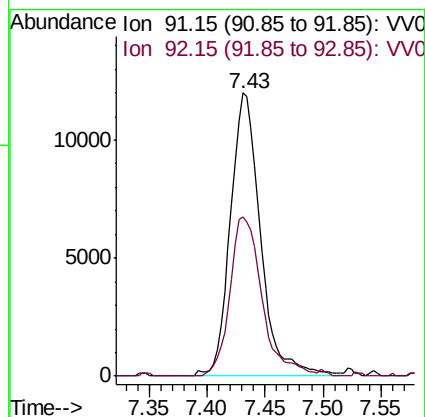
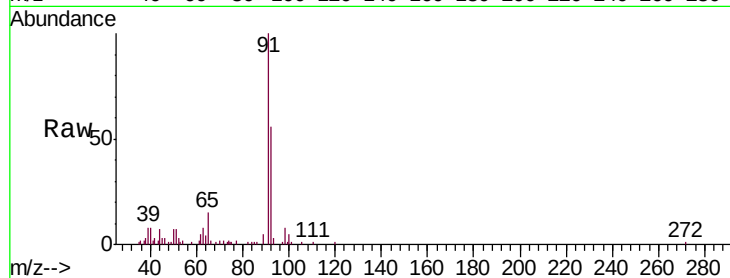
BFDS4

Tgt Ion: 91 Resp: 21687

Ion Ratio Lower Upper

91 100

92 56.2 41.1 76.3



#48

2-Hexanone

Concen: 2.367 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV014070.D

Acq: 16 Dec 2019 14:25

Tgt Ion: 43 Resp: 23039

Ion Ratio Lower Upper

43 100

58 33.1 43.2 64.8#

57 12.2 15.4 23.2#

100 6.1 10.4 15.6#

