

Data File : VV014048.D
Acq On : 13 Dec 2019 13:01
Operator : SY/MD
Sample : K6200-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFF41

Quant Time: Dec 14 03:27:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 14 03:25:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	362138	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	356969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109394	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	100145	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.13	63	139037	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.95	46	240980	51.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.40	84	202697	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	102856	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	379442	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.12	67	125854	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	279162	3.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.60%#
43) trans-1,3-Dichloropropene-	7.66	79	39304	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.14	63	130728	33.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89805	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	119692	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

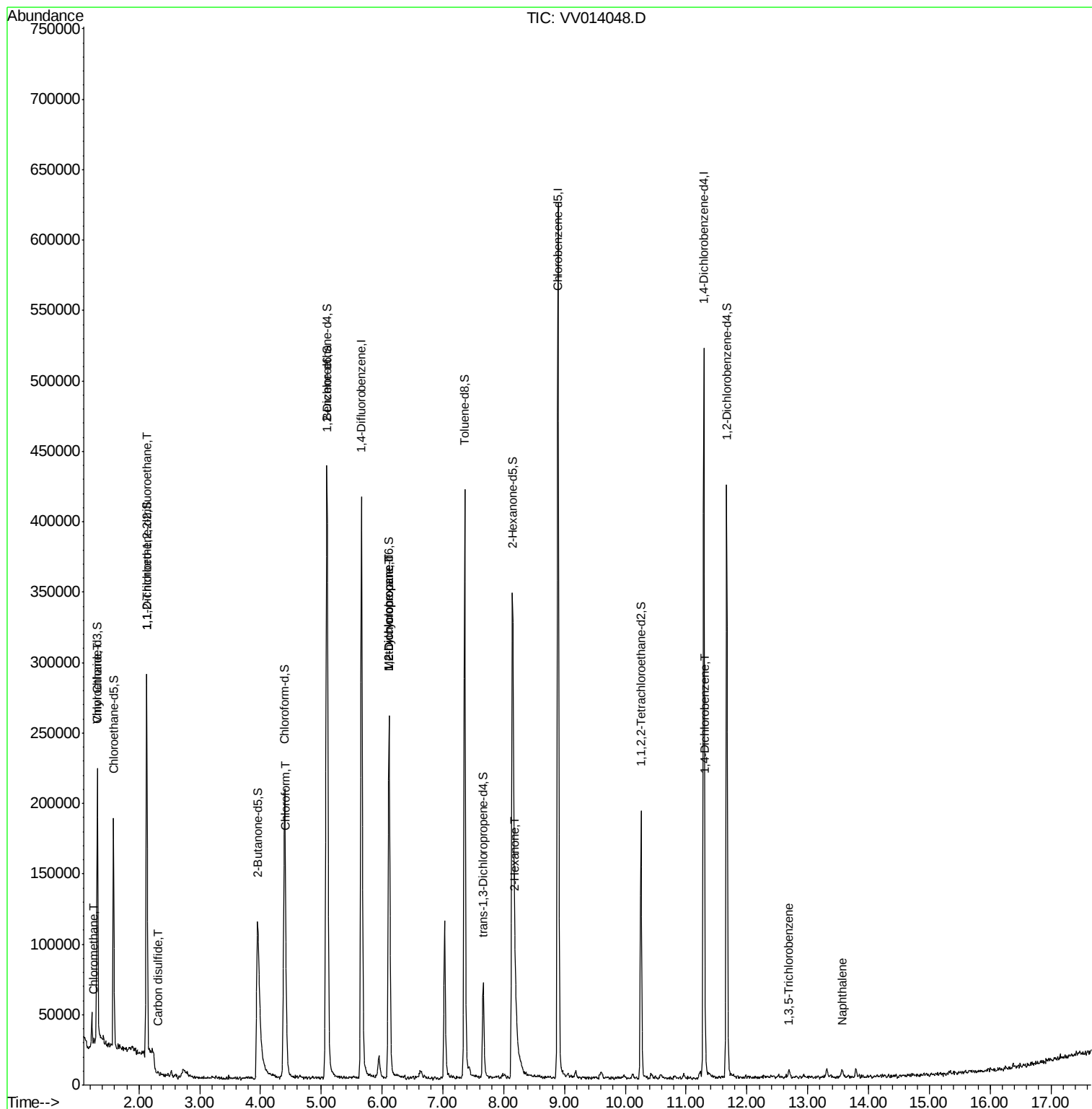
					Qvalue
3) Chloromethane	1.25	50	1546	0.073	ug/L 95
8) Chloroethane	1.32	64	2785	0.214	ug/L 88
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1604	0.080	ug/L # 31
14) Carbon disulfide	2.32	76	1980	0.049	ug/L # 55
25) Chloroform	4.42	83	11139	0.268	ug/L 92
35) Methylcyclohexane	6.12	83	32104	0.996	ug/L # 19
37) 1,2-Dichloropropane	6.11	63	13975	0.621	ug/L # 86
48) 2-Hexanone	8.19	43	27912	2.978	ug/L # 83
63) 1,4-Dichlorobenzene	11.31	146	2600	0.062	ug/L # 81
67) 1,3,5-Trichlorobenzene	12.69	180	1826	0.053	ug/L # 95
69) Naphthalene	13.56	128	4769	0.123	ug/L # 88

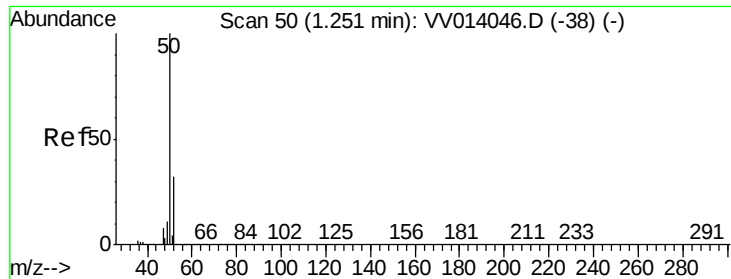
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.073 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV014048.D

Acq: 13 Dec 2019 13:01

Instrument :

MSVOA_V

ClientSampleId :

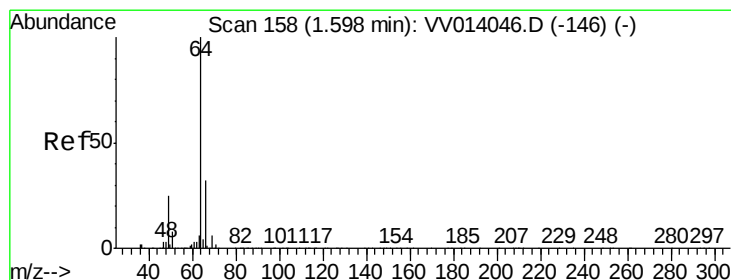
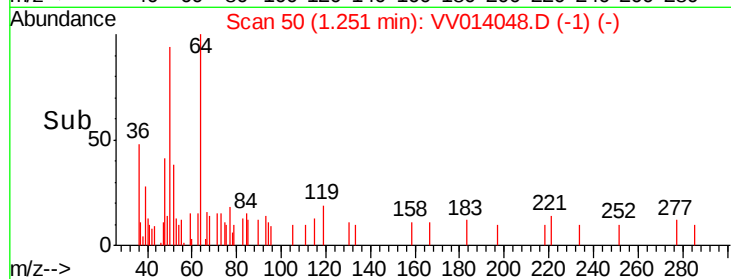
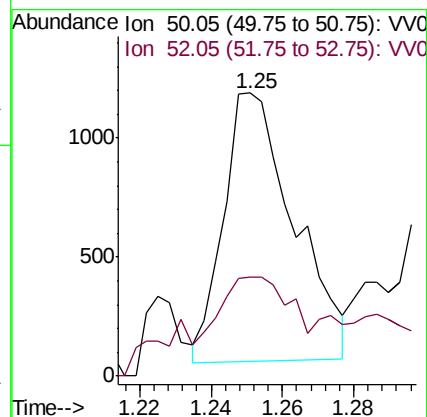
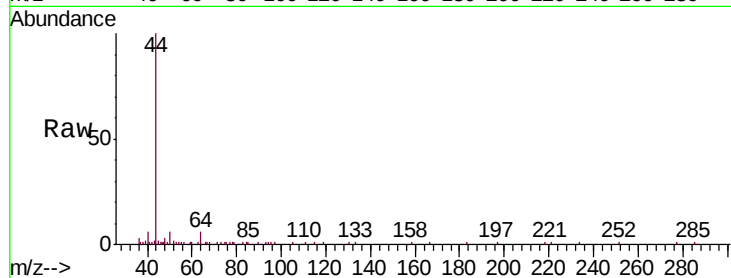
BFF41

Tgt Ion: 50 Resp: 1546

Ion Ratio Lower Upper

50 100

52 34.9 22.5 41.7



#8

Chloroethane

Concen: 0.214 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV014048.D

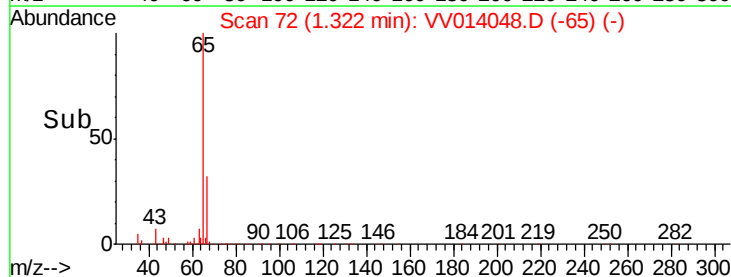
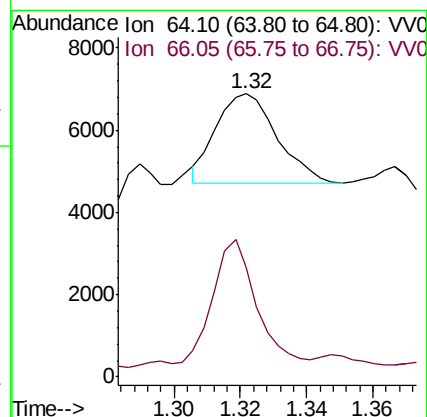
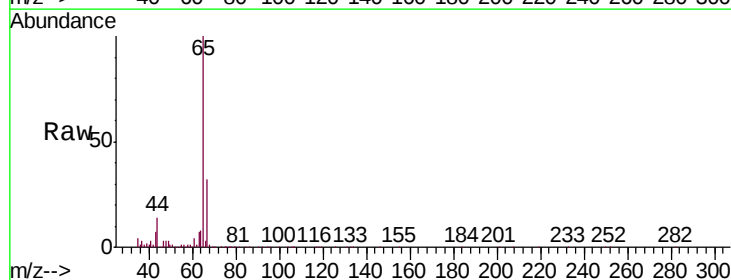
Acq: 13 Dec 2019 13:01

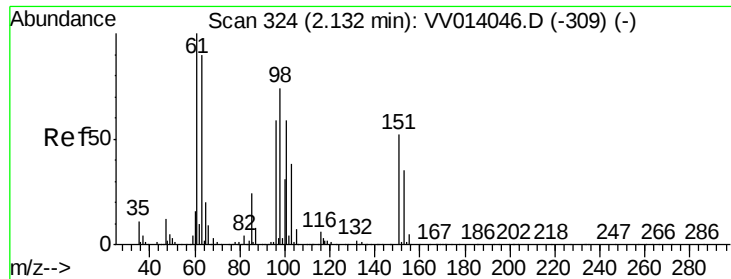
Tgt Ion: 64 Resp: 2785

Ion Ratio Lower Upper

64 100

66 38.7 22.6 42.0





#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV014048.D

Acq: 13 Dec 2019 13:01

Instrument :

MSVOA_V

ClientSampleId :

BFF41

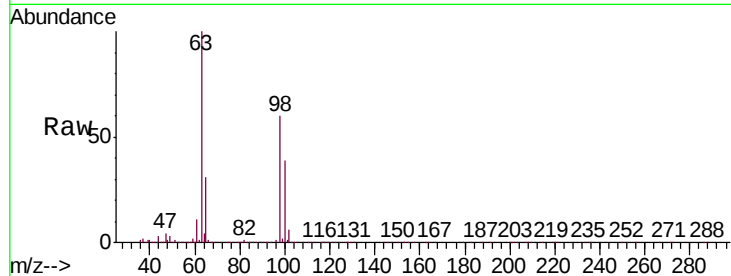
Tgt Ion:101 Resp: 1604

Ion Ratio Lower Upper

101 100

85 11.2 33.4 50.0#

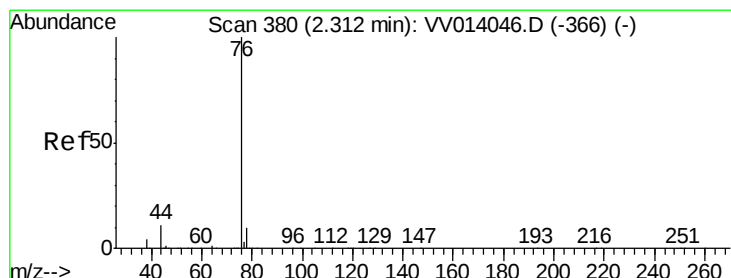
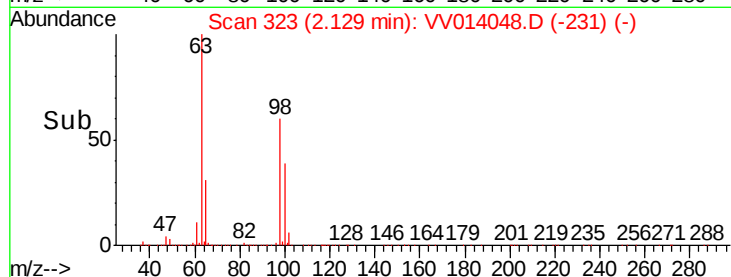
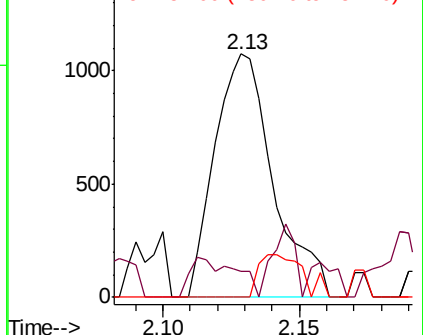
151 13.3 69.4 104.0#



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



#14

Carbon disulfide

Concen: 0.049 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014048.D

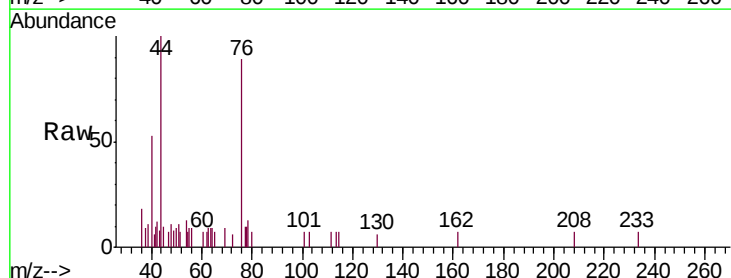
Acq: 13 Dec 2019 13:01

Tgt Ion: 76 Resp: 1980

Ion Ratio Lower Upper

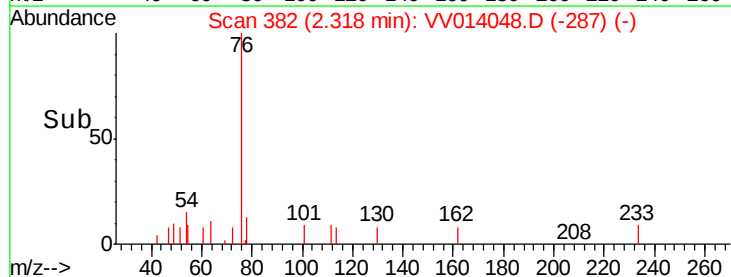
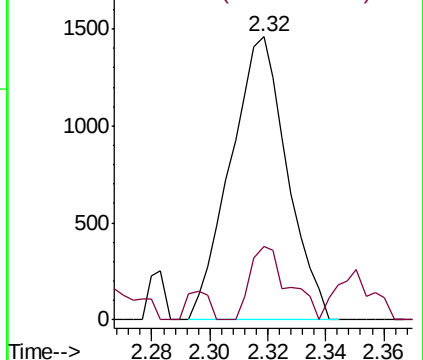
76 100

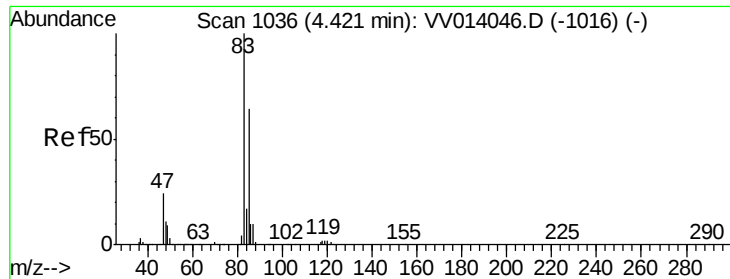
78 25.8 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

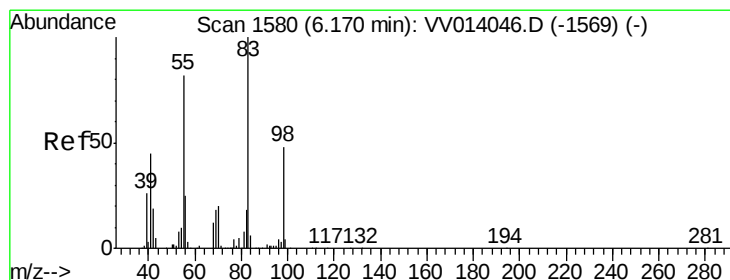
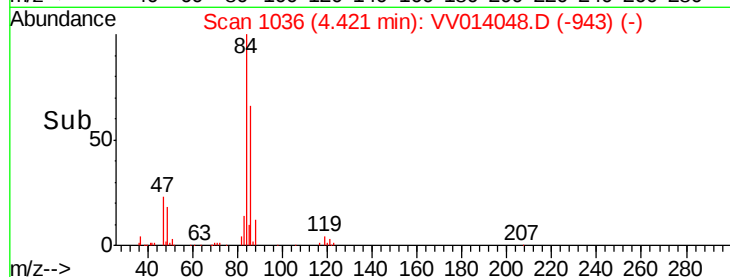
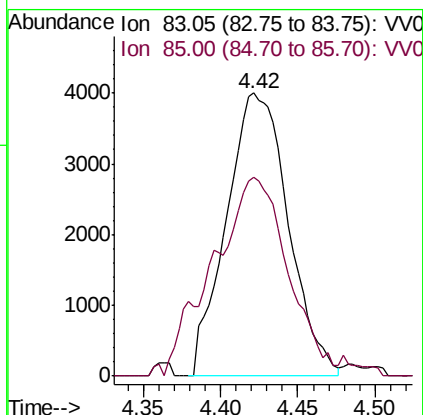
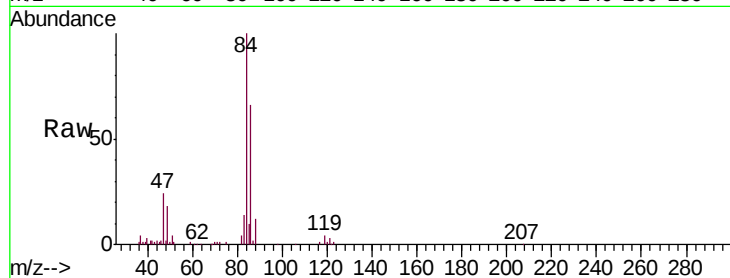




#25
Chloroform
Concen: 0.268 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV014048.D
Acq: 13 Dec 2019 13:01

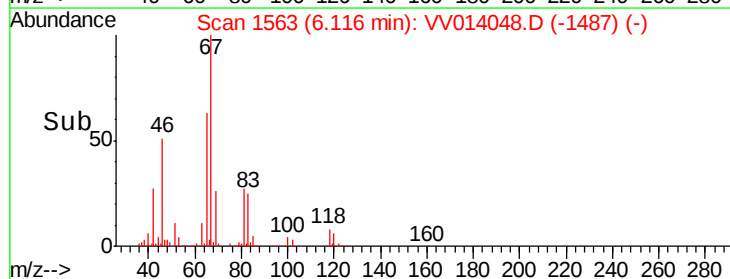
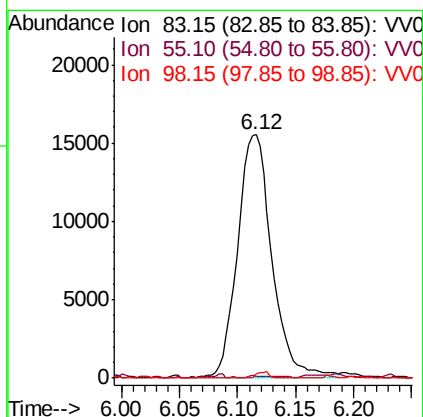
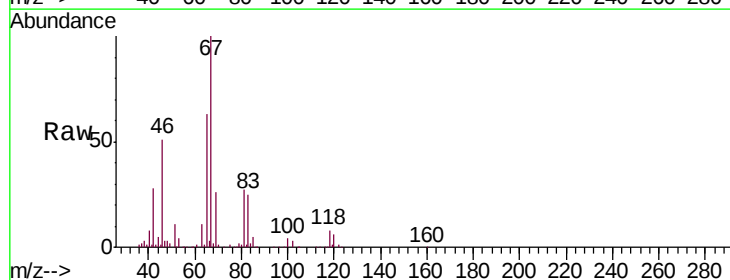
Instrument :
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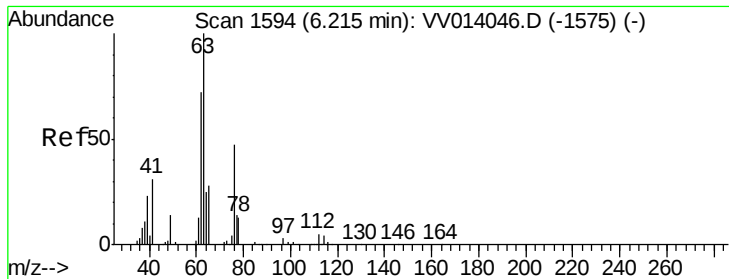
Tgt Ion: 83 Resp: 11139
Ion Ratio Lower Upper
83 100
85 70.4 45.1 83.7



#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014048.D
Acq: 13 Dec 2019 13:01

Tgt Ion: 83 Resp: 32104
Ion Ratio Lower Upper
83 100
55 0.4 60.3 90.5#
98 0.9 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014048.D

Acq: 13 Dec 2019 13:01

Instrument :

MSVOA_V

ClientSampleId :

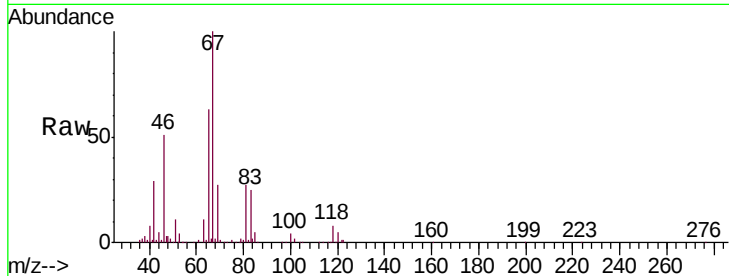
BFF41

Tgt Ion: 63 Resp: 13975

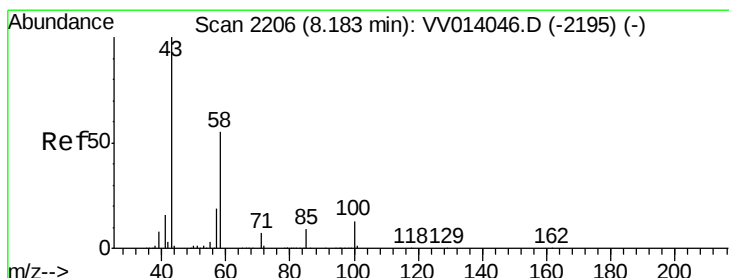
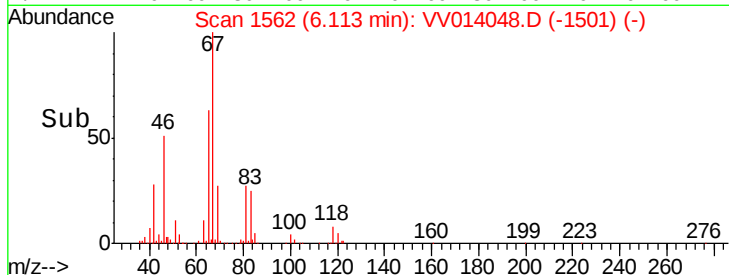
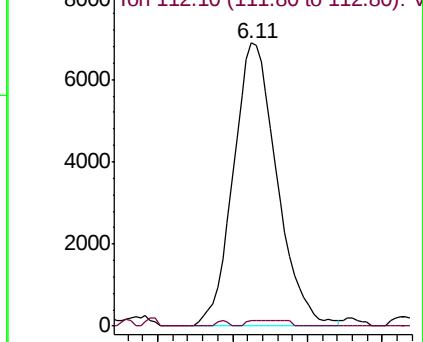
Ion Ratio Lower Upper

63 100

112 0.8 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV014046.D (-1575) (-)



#48

2-Hexanone

Concen: 2.978 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV014048.D

Acq: 13 Dec 2019 13:01

Tgt Ion: 43 Resp: 27912

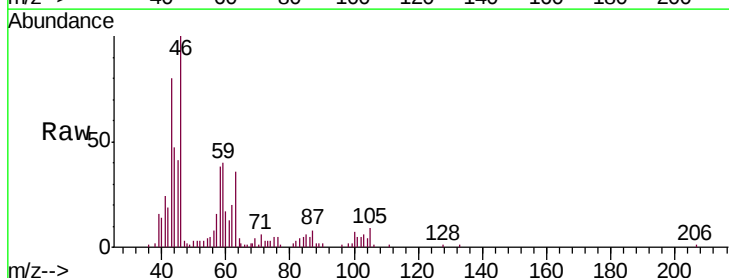
Ion Ratio Lower Upper

43 100

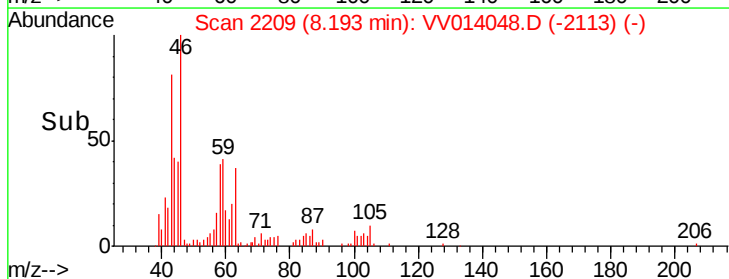
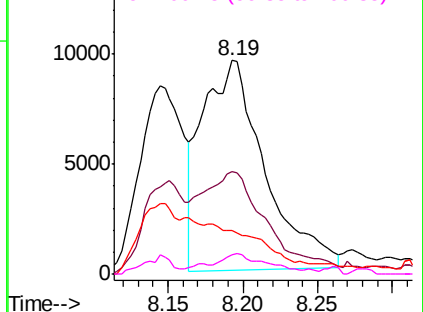
58 47.6 43.2 64.8

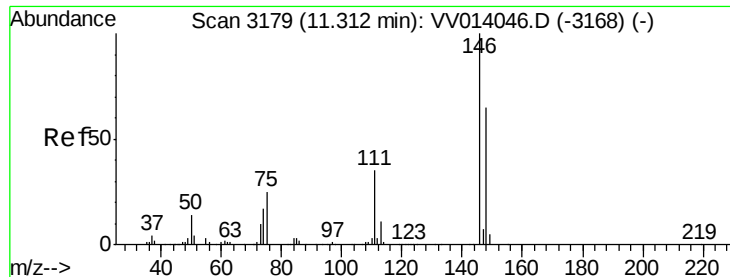
57 0.0 15.4 23.2#

100 7.7 10.4 15.6#



Abundance Ion 43.05 (42.75 to 43.75): VV014046.D (-2195) (-)

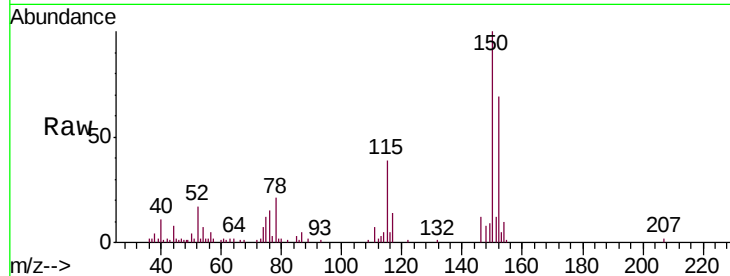




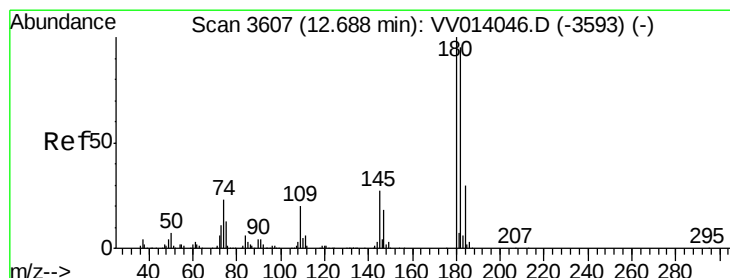
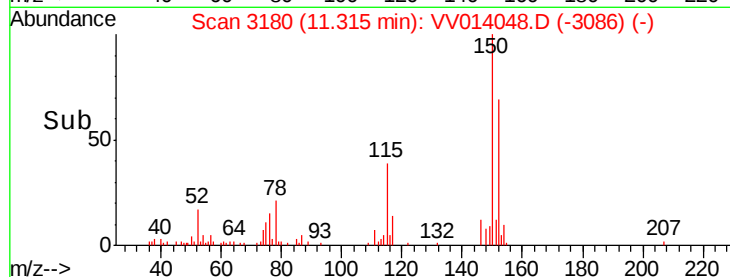
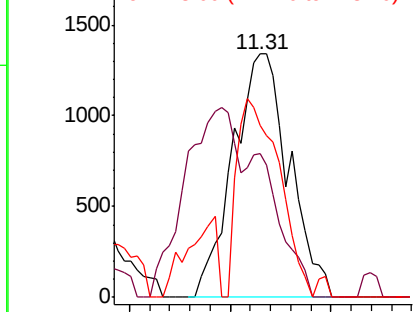
#63
 1,4-Dichlorobenzene
 Concen: 0.062 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV014048.D
 Acq: 13 Dec 2019 13:01

Instrument :
 MSVOA_V
 ClientSampleId :
 BFF41

Tgt Ion:146 Resp: 2600
 Ion Ratio Lower Upper
 146 100
 111 58.9 25.0 46.4#
 148 70.8 45.4 84.2

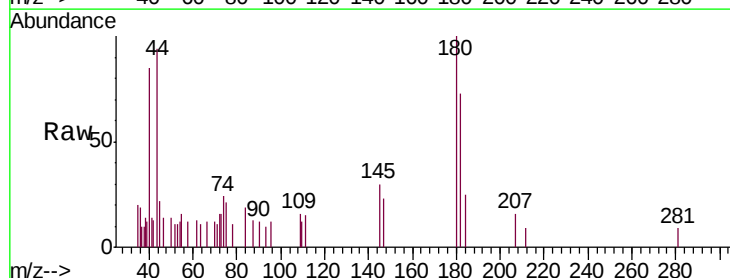


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

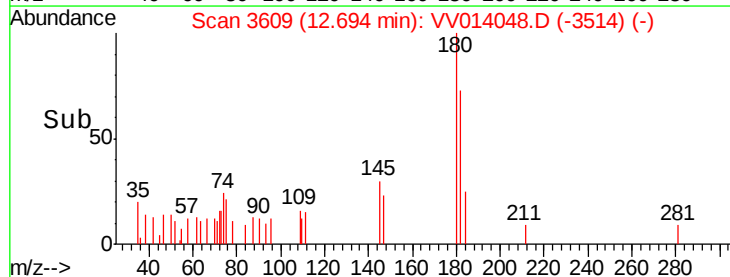
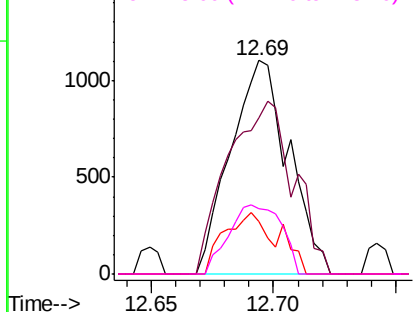


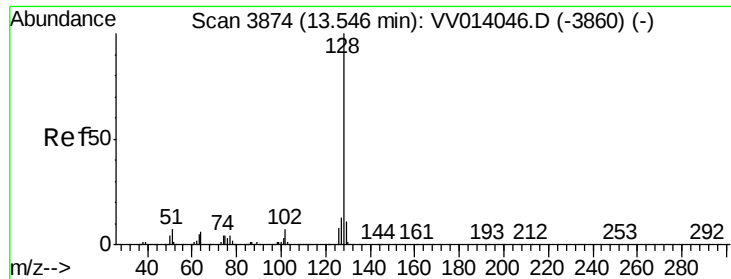
#67
 1,3,5-Trichlorobenzene
 Concen: 0.053 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.01 min
 Lab File: VV014048.D
 Acq: 13 Dec 2019 13:01

Tgt Ion:180 Resp: 1826
 Ion Ratio Lower Upper
 180 100
 182 91.8 74.8 112.2
 184 21.4 23.2 34.8#
 145 29.2 21.3 31.9



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 0.123 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

Lab File: VV014048.D

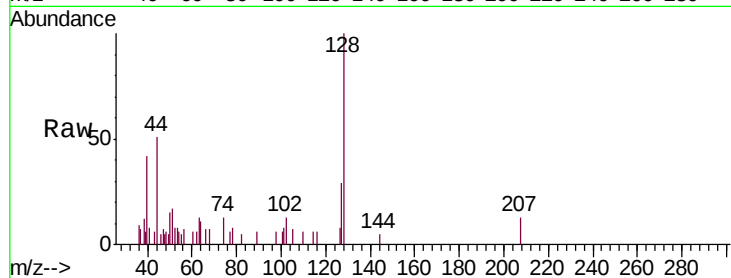
Acq: 13 Dec 2019 13:01

Instrument :

MSVOA_V

ClientSampleId :

BFF41



Tgt Ion:128 Resp: 4769

Ion Ratio Lower Upper

128 100

129 2.9 8.6 12.8#

127 15.6 10.6 16.0

