

Data File : VV014071.D
Acq On : 16 Dec 2019 14:47
Operator : SY/MD
Sample : K6275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDS0

Quant Time: Dec 17 05:46:48 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	375373	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	168082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100111	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	92404	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	125177	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.95	46	300061	62.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.26%
24) Chloroform-d	4.40	84	185108	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	5.08	65	107798	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	365375	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
36) 1,2-Dichloropropane-d6	6.12	67	127472	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.36	98	279613	3.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.00%#
43) trans-1,3-Dichloropropene-	7.66	79	43510	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.14	63	204551	48.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101888	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	137932	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

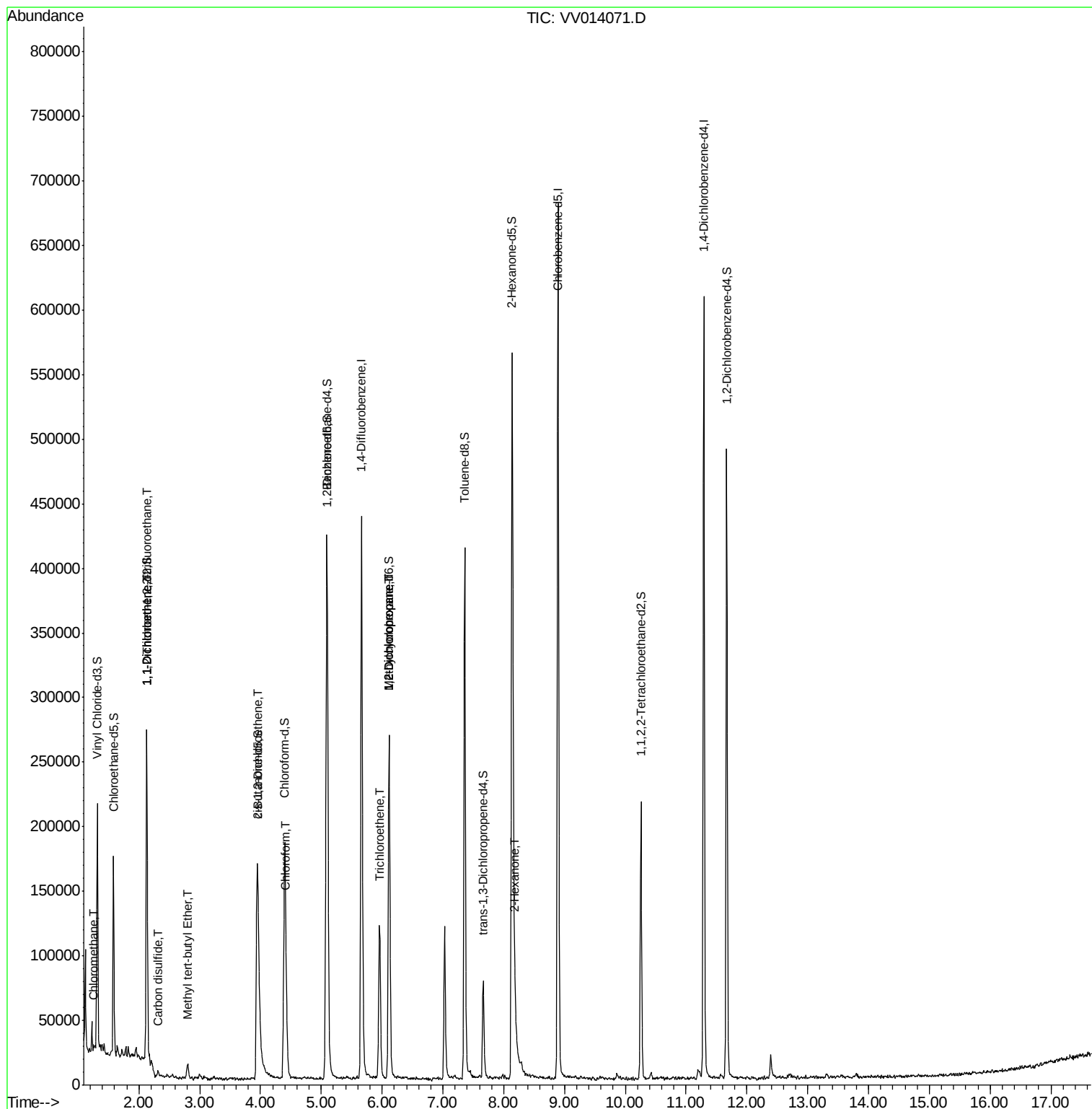
						Qvalue
3) Chloromethane	1.25	50	1677	0.076	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1820	0.088	ug/L #	32
12) 1,1-Dichloroethene	2.14	96	4294	0.238	ug/L #	1
14) Carbon disulfide	2.32	76	5207	0.125	ug/L #	66
17) Methyl tert-butyl Ether	2.81	73	6429	0.130	ug/L #	73
22) cis-1,2-Dichloroethene	3.96	96	10736	0.449	ug/L	99
25) Chloroform	4.43	83	27581	0.639	ug/L	97
34) Trichloroethene	5.96	95	39489	1.516	ug/L	95
35) Methylcyclohexane	6.12	83	32445	0.933	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	13374	0.551	ug/L #	86
48) 2-Hexanone	8.19	43	24621	2.436	ug/L #	83

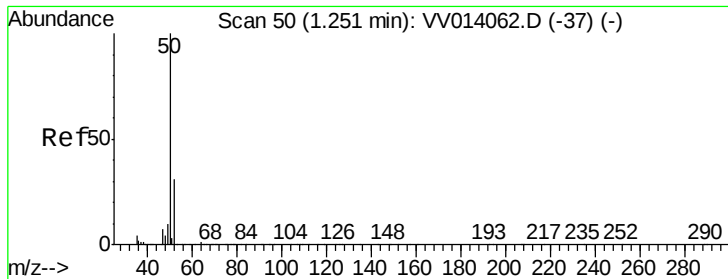
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014071.D
Acq On : 16 Dec 2019 14:47
Operator : SY/MD
Sample : K6275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDS0

Quant Time: Dec 17 05:46:48 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





#3

Chloromethane

Concen: 0.076 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV014071.D

Acq: 16 Dec 2019 14:47

Instrument :

MSVOA_V

ClientSampleId :

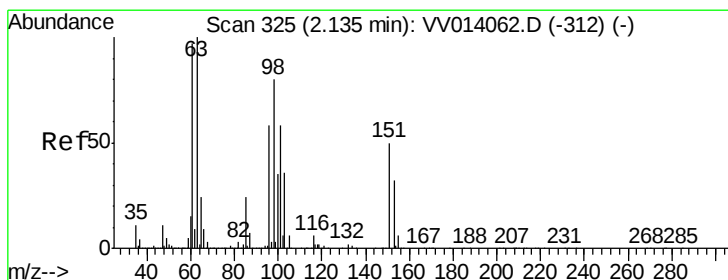
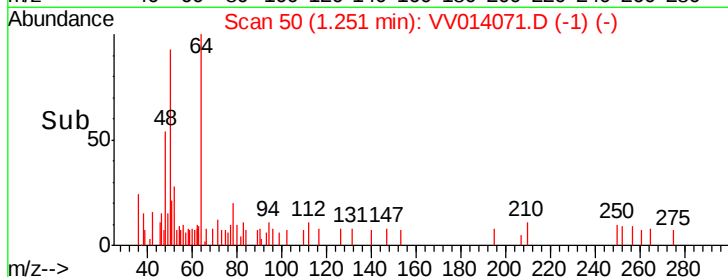
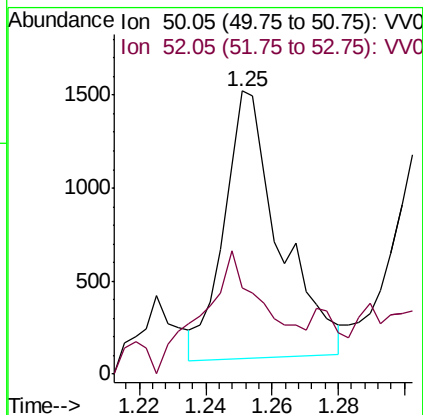
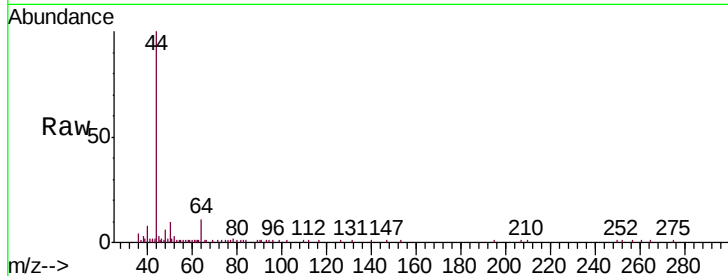
BFDS0

Tgt Ion: 50 Resp: 1677

Ion Ratio Lower Upper

50 100

52 30.4 22.5 41.7



#10

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

Concen: 0.088 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014071.D

Acq: 16 Dec 2019 14:47

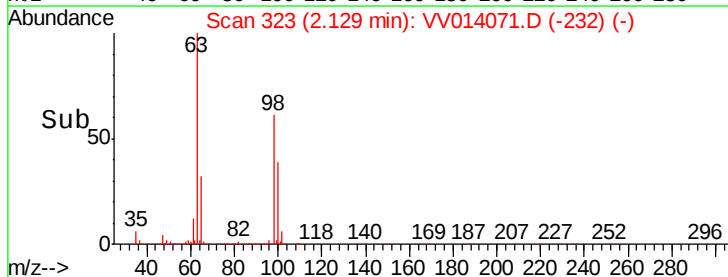
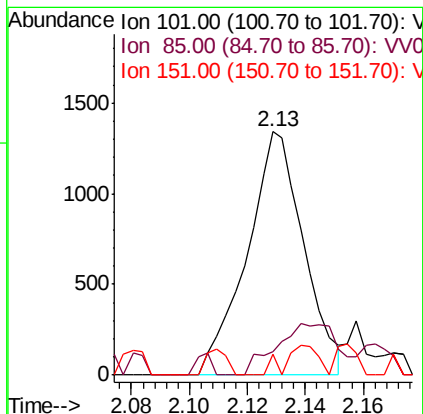
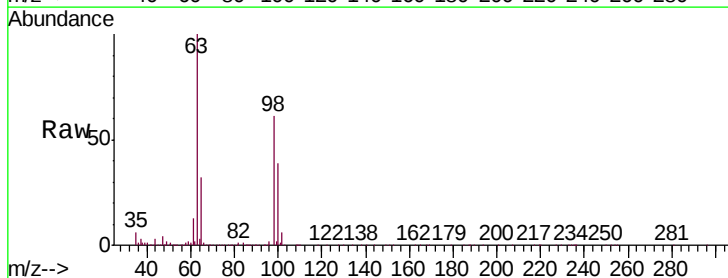
Tgt Ion: 101 Resp: 1820

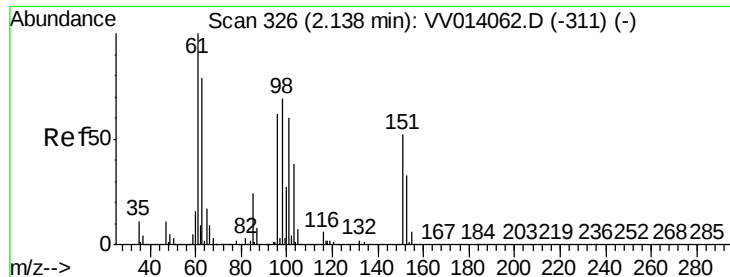
Ion Ratio Lower Upper

101 100

85 22.3 33.4 50.0#

151 7.1 69.4 104.0#

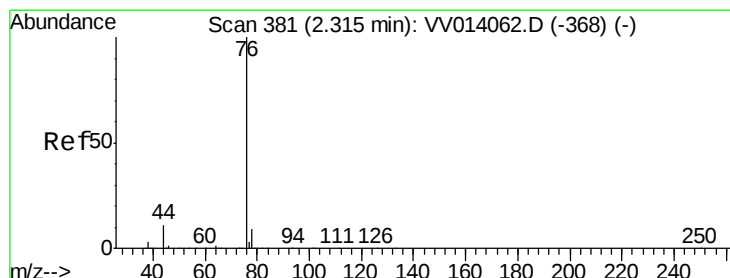
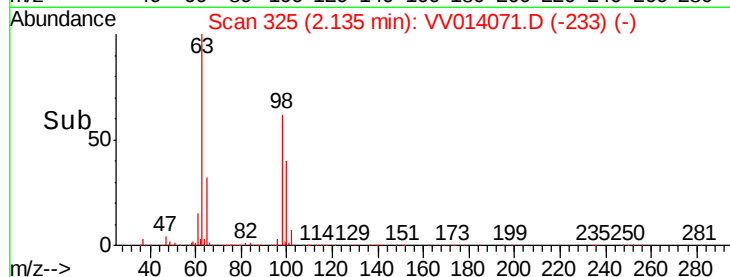
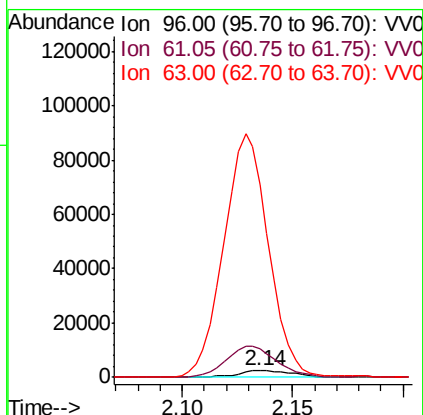
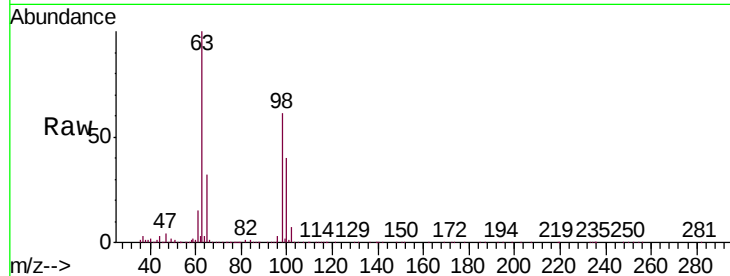




#12
 1,1-Dichloroethene
 Concen: 0.238 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV014071.D
 Acq: 16 Dec 2019 14:47

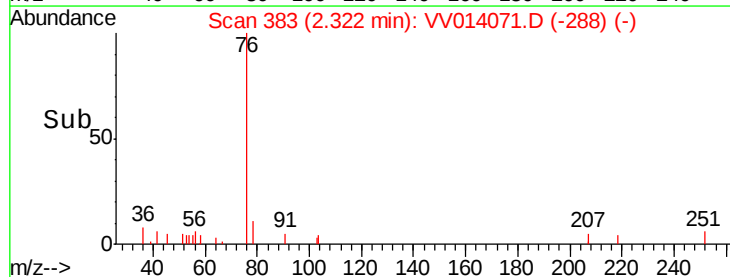
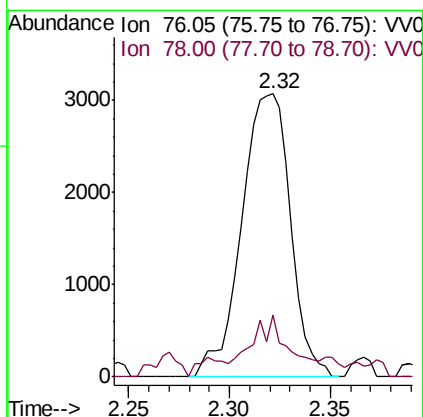
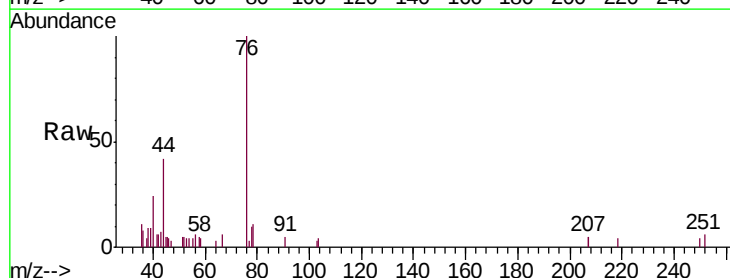
Instrument :
 MSVOA_V
 ClientSampleId :
 BFDS0

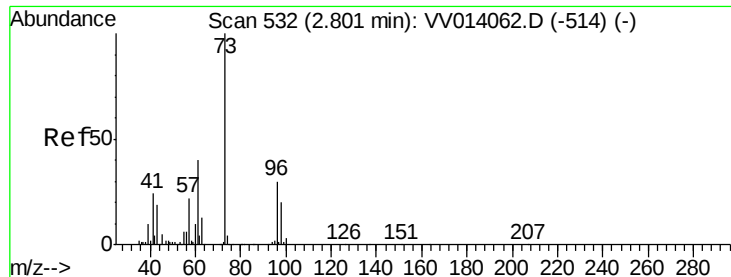
Tgt Ion: 96 Resp: 4294
 Ion Ratio Lower Upper
 96 100
 61 430.2 116.3 215.9#
 63 2887.5 96.7 179.7#



#14
 Carbon disulfide
 Concen: 0.125 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VV014071.D
 Acq: 16 Dec 2019 14:47

Tgt Ion: 76 Resp: 5207
 Ion Ratio Lower Upper
 76 100
 78 21.7 7.5 11.3#

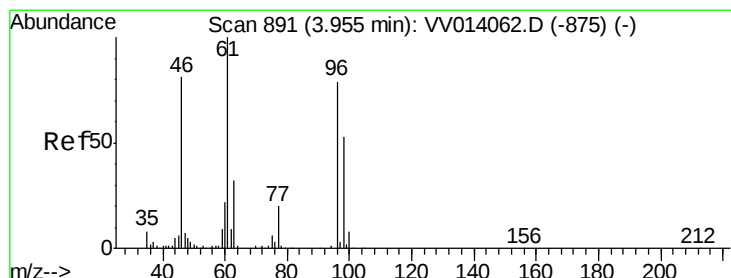
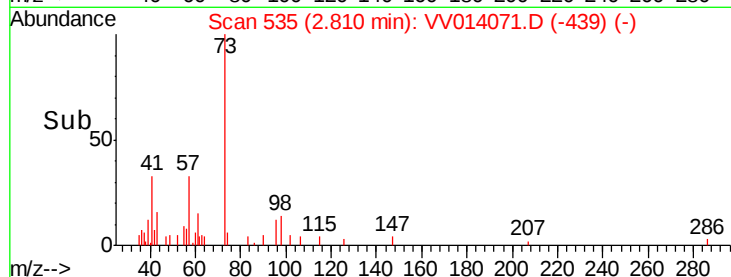
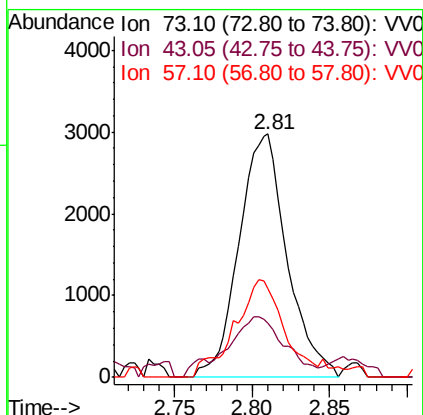
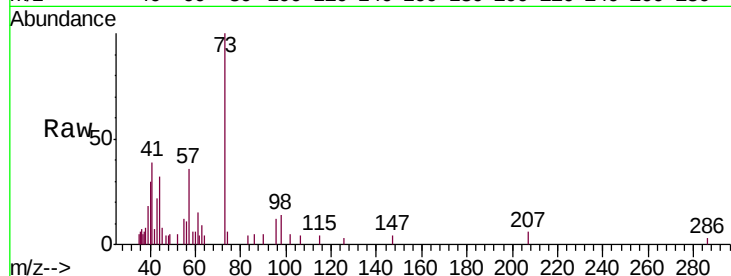




#17
Methyl tert-butyl Ether
Concen: 0.130 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.01 min
Lab File: VV014071.D
Acq: 16 Dec 2019 14:47

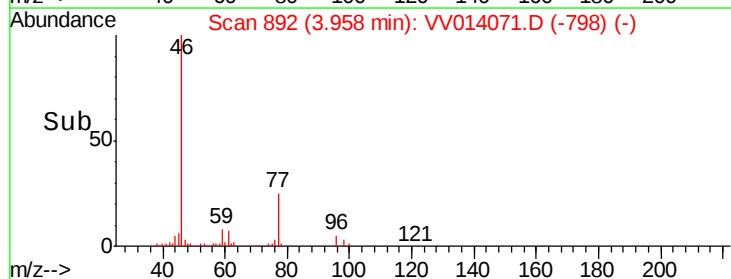
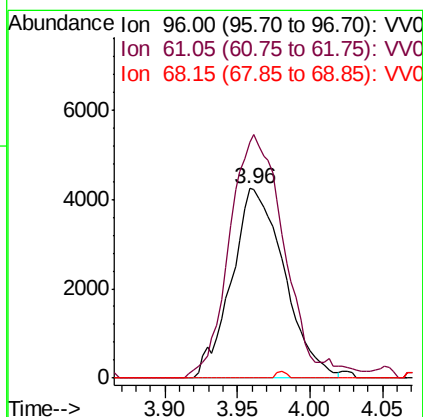
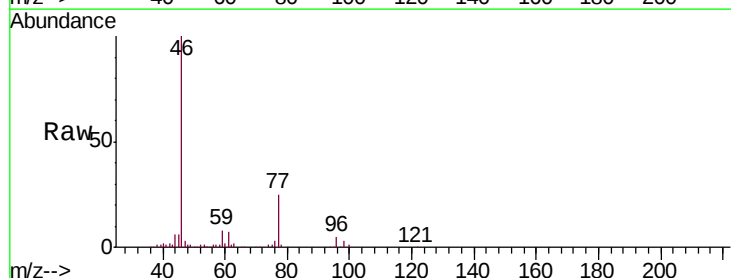
Instrument :
MSVOA_V
ClientSampleId :
BFDS0

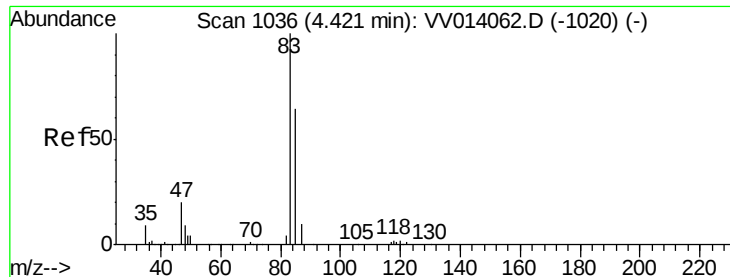
Tgt Ion: 73 Resp: 6429
Ion Ratio Lower Upper
73 100
43 24.6 15.5 23.3#
57 41.1 17.5 26.3#



#22
cis-1,2-Dichloroethene
Concen: 0.449 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV014071.D
Acq: 16 Dec 2019 14:47

Tgt Ion: 96 Resp: 10736
Ion Ratio Lower Upper
96 100
61 124.5 86.1 159.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.639 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014071.D

Acq: 16 Dec 2019 14:47

Instrument :

MSVOA_V

ClientSampleId :

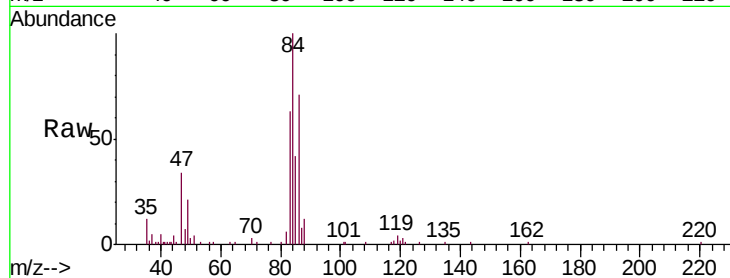
BFDS0

Tgt Ion: 83 Resp: 27581

Ion Ratio Lower Upper

83 100

85 67.0 45.1 83.7

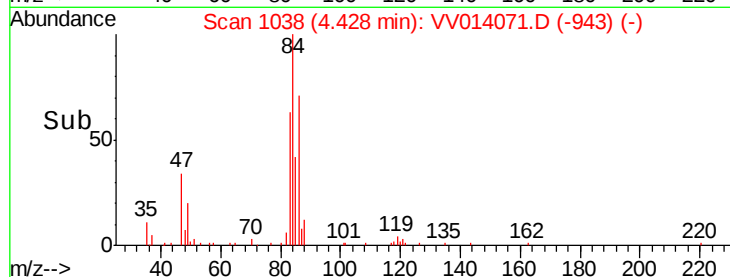


Abundance Ion 83.05 (82.75 to 83.75): VV014062.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV014062.D (-1020) (-)

4.43

Time-->

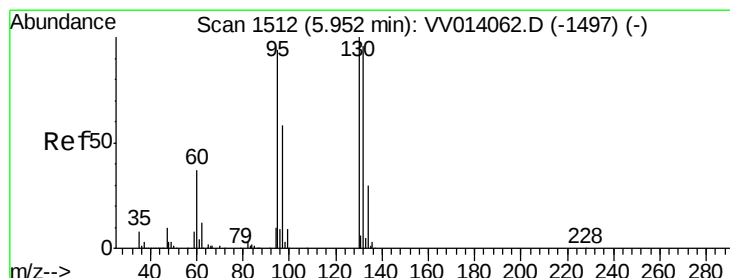


Abundance Ion 83.05 (82.75 to 83.75): VV014071.D (-943) (-)

Ion 85.00 (84.70 to 85.70): VV014071.D (-943) (-)

4.43

Time-->



#34

Trichloroethene

Concen: 1.516 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VV014071.D

Acq: 16 Dec 2019 14:47

Tgt Ion: 95 Resp: 39489

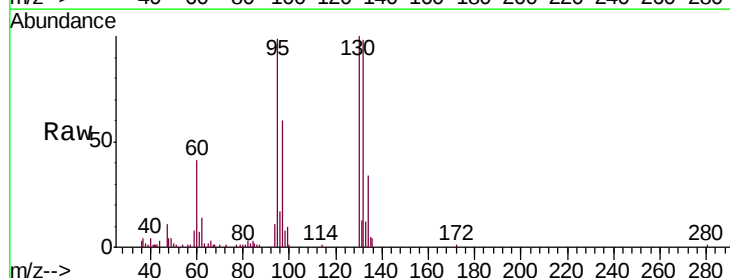
Ion Ratio Lower Upper

95 100

97 60.7 45.6 84.8

132 98.2 70.5 130.9

130 100.7 75.9 140.9



Abundance Ion 95.00 (94.70 to 95.70): VV014062.D (-1497) (-)

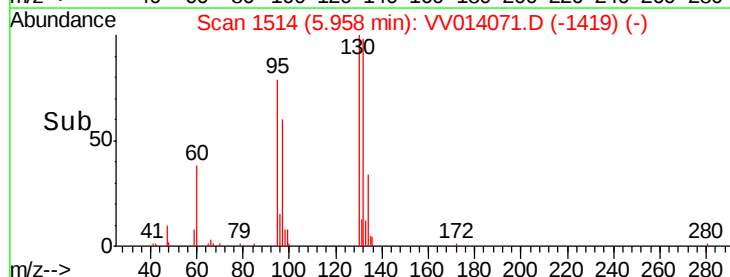
Ion 96.95 (96.65 to 97.65): VV014062.D (-1497) (-)

Ion 131.95 (131.65 to 132.65): VV014062.D (-1497) (-)

Ion 129.95 (129.65 to 130.65): VV014062.D (-1497) (-)

5.96

Time-->



Abundance Ion 95.00 (94.70 to 95.70): VV014071.D (-1419) (-)

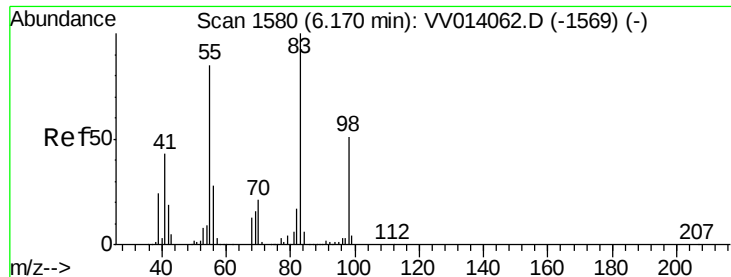
Ion 96.95 (96.65 to 97.65): VV014071.D (-1419) (-)

Ion 131.95 (131.65 to 132.65): VV014071.D (-1419) (-)

Ion 129.95 (129.65 to 130.65): VV014071.D (-1419) (-)

5.96

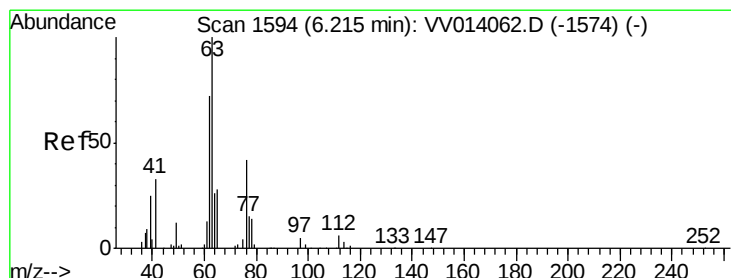
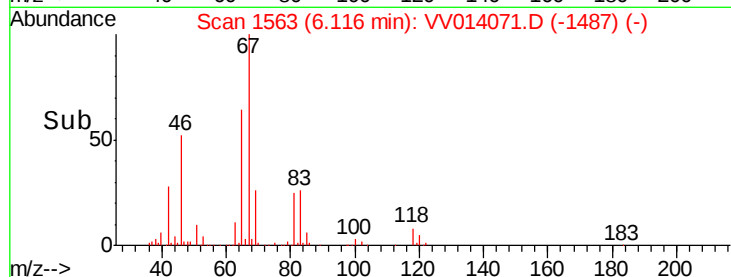
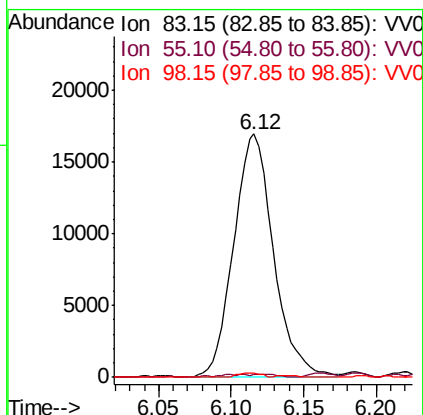
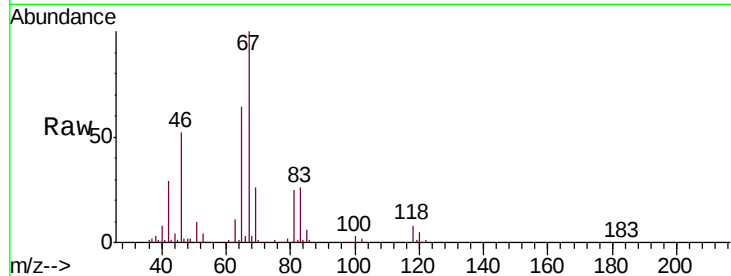
Time-->



#35
Methylcyclohexane
Concen: 0.933 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014071.D
Acq: 16 Dec 2019 14:47

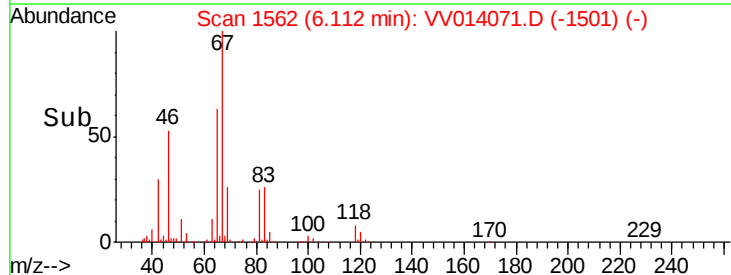
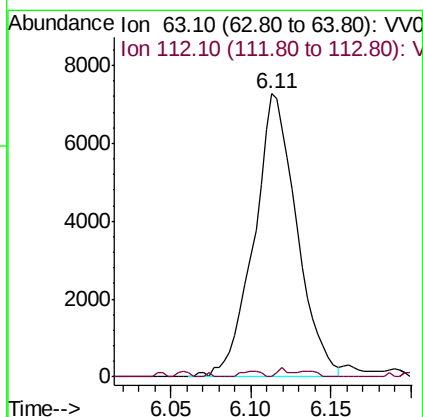
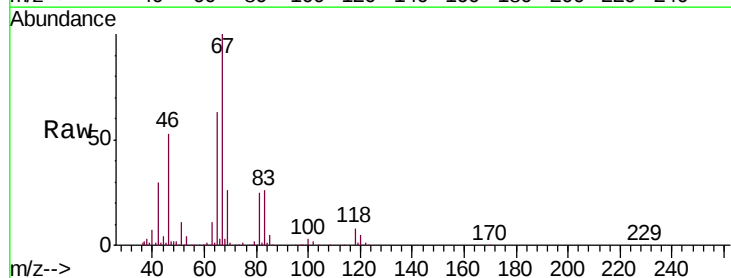
Instrument :
MSVOA_V
ClientSampleId :
BFDS0

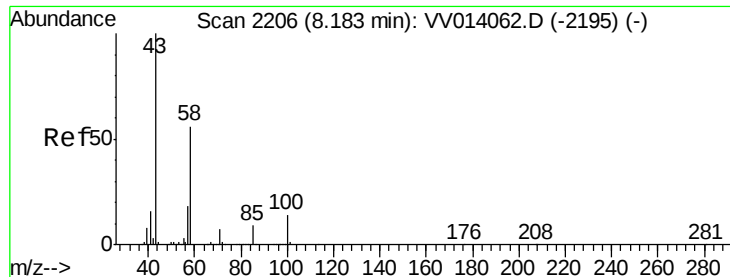
Tgt Ion: 83 Resp: 32445
Ion Ratio Lower Upper
83 100
55 0.7 60.3 90.5#
98 1.0 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014071.D
Acq: 16 Dec 2019 14:47

Tgt Ion: 63 Resp: 13374
Ion Ratio Lower Upper
63 100
112 0.8 4.4 6.6#





#48

2-Hexanone

Concen: 2.436 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.01 min

Lab File: VV014071.D

Acq: 16 Dec 2019 14:47

Instrument :

MSVOA_V

ClientSampleId :

BFDS0

Tgt Ion: 43 Resp: 24621

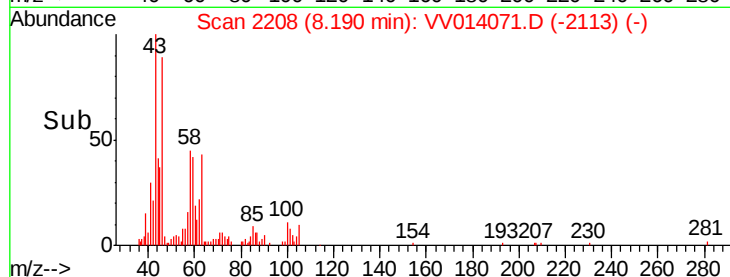
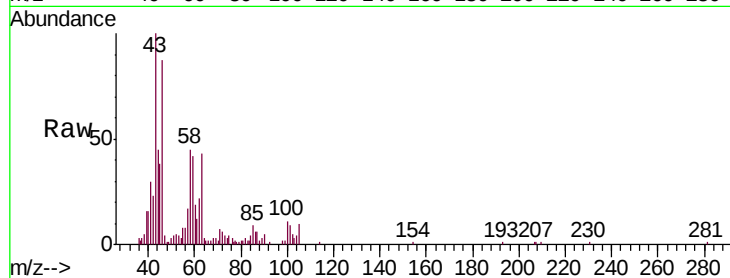
Ion Ratio Lower Upper

43 100

58 46.3 43.2 64.8

57 0.0 15.4 23.2#

100 10.1 10.4 15.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

