

Data File : VV014075.D
Acq On : 16 Dec 2019 16:23
Operator : SY/MD
Sample : K6275-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDT1

Quant Time: Dec 17 05:47:39 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	358406	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	360942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	163321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96834	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	95656	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.12	63	122869	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.97	46	217474	47.16	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.32%
24) Chloroform-d	4.40	84	210969	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	105353	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.09	84	359541	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.11	67	125979	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.35	98	260266	2.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.60%#
43) trans-1,3-Dichloropropene-	7.66	79	42131	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.14	63	227699	57.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	116981	6.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	136687	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

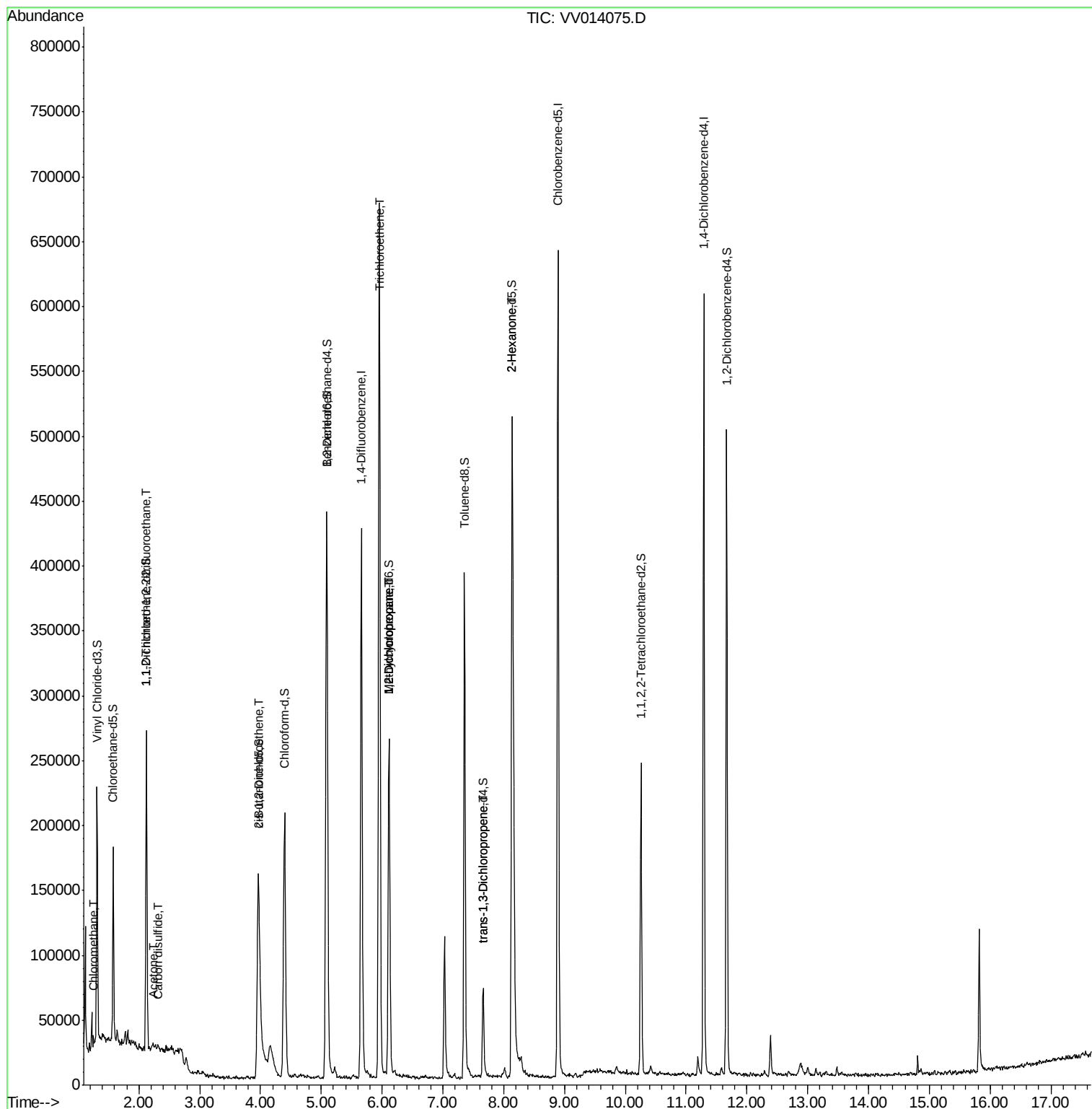
					Qvalue
3) Chloromethane	1.25	50	5612	0.268 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1836	0.093 ug/L #	25
13) Acetone	2.24	43	7607	2.359 ug/L	68
14) Carbon disulfide	2.31	76	3956	0.099 ug/L #	80
22) cis-1,2-Dichloroethene	3.96	96	45584	1.998 ug/L	100
34) Trichloroethene	5.95	95	229597	9.400 ug/L	98
35) Methylcyclohexane	6.11	83	30792	0.945 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	13197	0.580 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1729	0.068 ug/L #	68
48) 2-Hexanone	8.14	43	33588	3.544 ug/L #	41

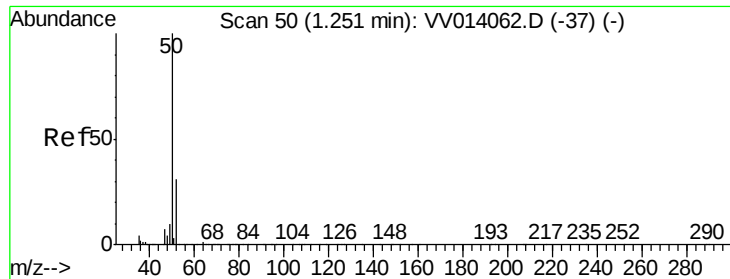
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.268 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV014075.D

Acq: 16 Dec 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

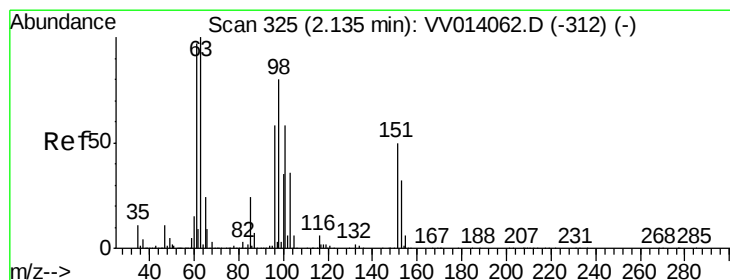
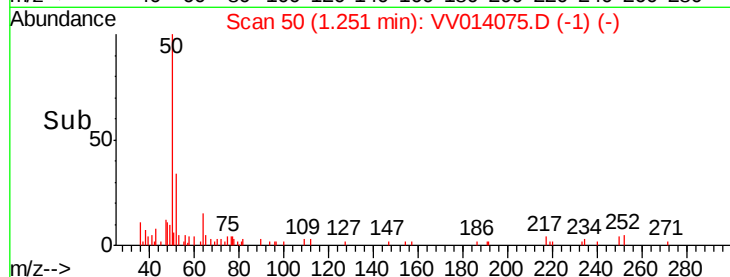
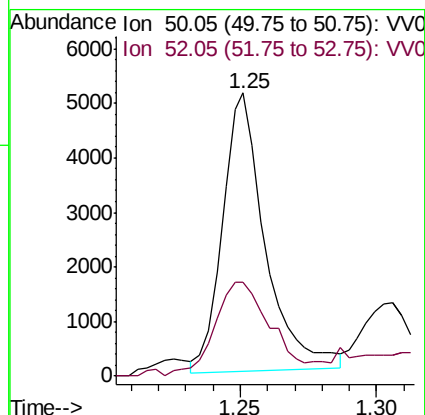
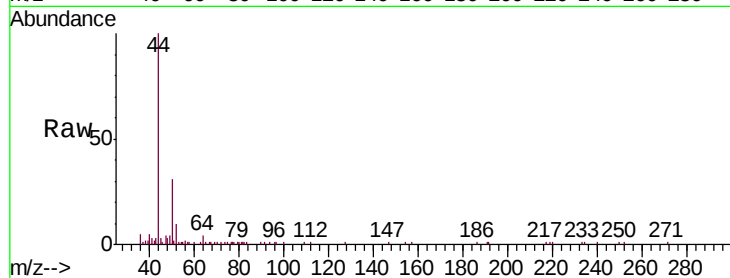
BFD1

Tgt Ion: 50 Resp: 5612

Ion Ratio Lower Upper

50 100

52 33.4 22.5 41.7



#10

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

Concen: 0.093 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014075.D

Acq: 16 Dec 2019 16:23

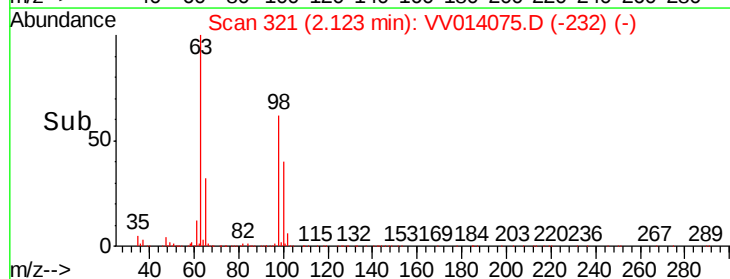
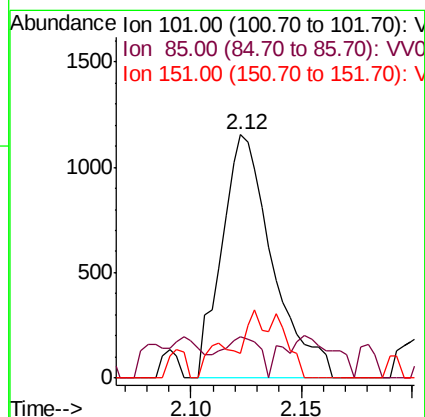
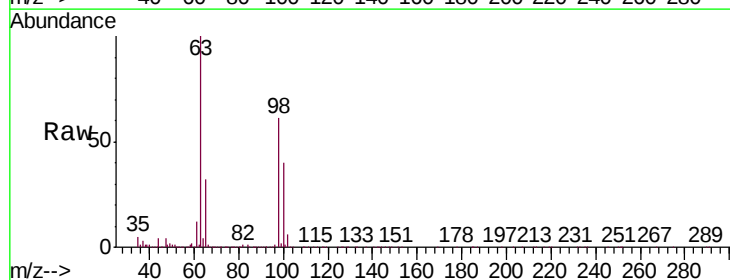
Tgt Ion: 101 Resp: 1836

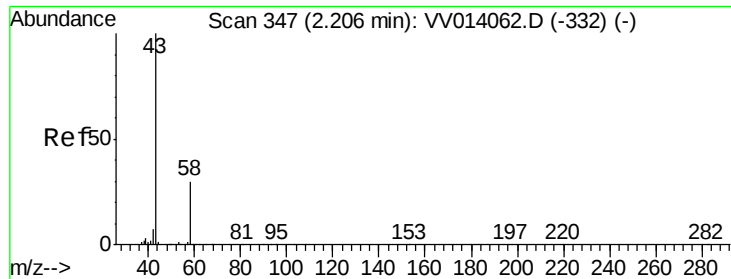
Ion Ratio Lower Upper

101 100

85 11.9 33.4 50.0#

151 5.6 69.4 104.0#





#13

Acetone

Concen: 2.359 ug/L

RT: 2.24 min Scan# 356

Delta R.T. 0.03 min

Lab File: VV014075.D

Acq: 16 Dec 2019 16:23

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MSVOA_V

ClientSampleId :

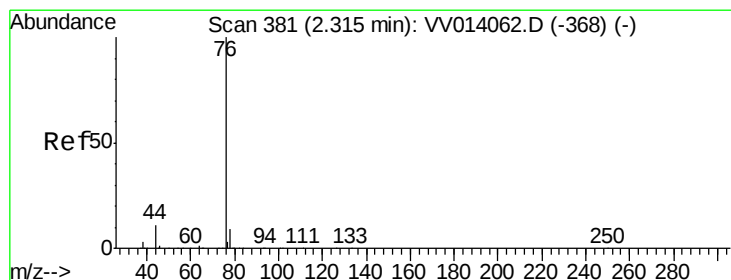
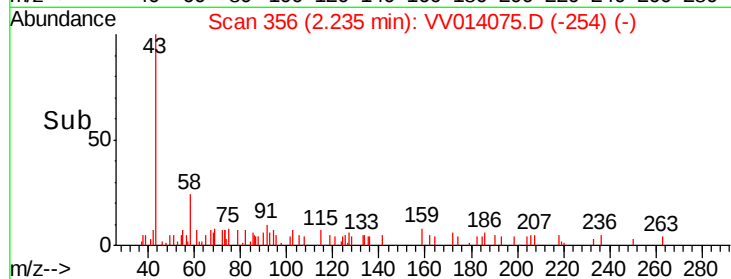
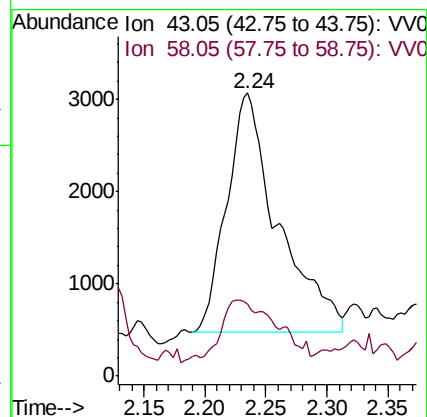
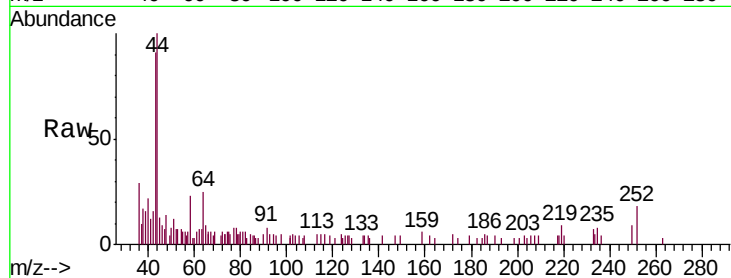
BFD1

Tgt Ion: 43 Resp: 7607

Ion Ratio Lower Upper

43 100

58 26.5 0.0 27.2



#14

Carbon disulfide

Concen: 0.099 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV014075.D

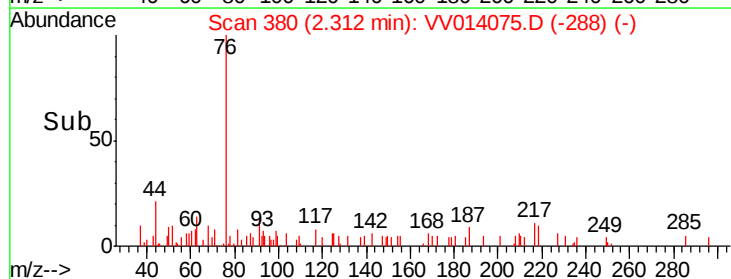
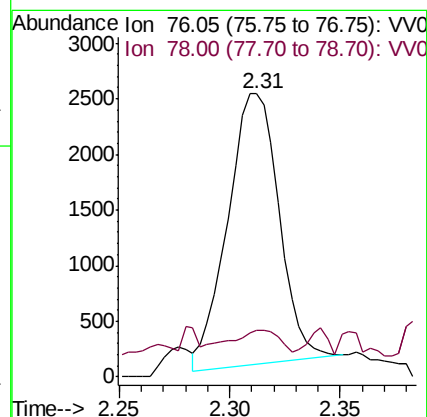
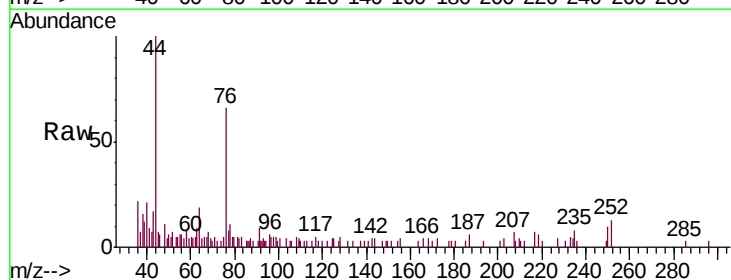
Acq: 16 Dec 2019 16:23

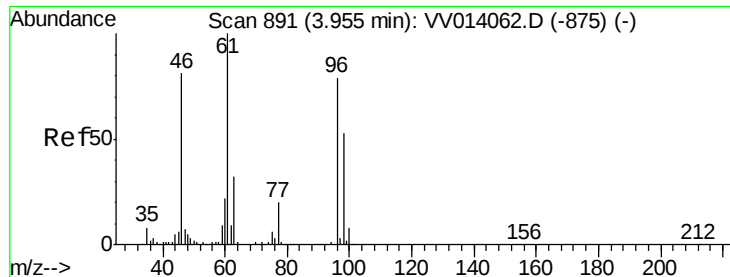
Tgt Ion: 76 Resp: 3956

Ion Ratio Lower Upper

76 100

78 16.6 7.5 11.3#



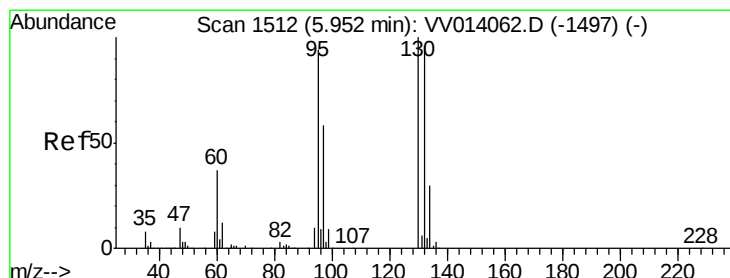
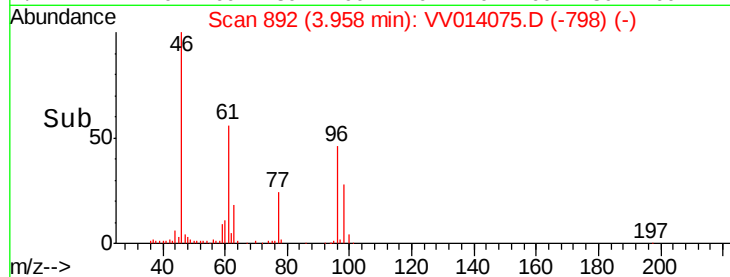
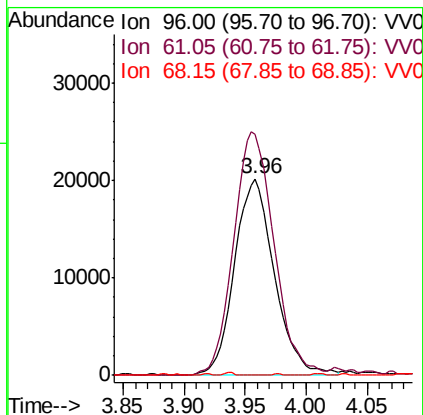
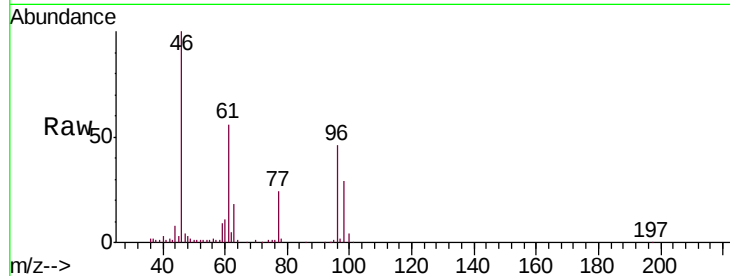


#22

cis-1,2-Dichloroethene
Concen: 1.998 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV014075.D
Acq: 16 Dec 2019 16:23

Instrument :
MSVOA_V
ClientSampleId :
BFD1

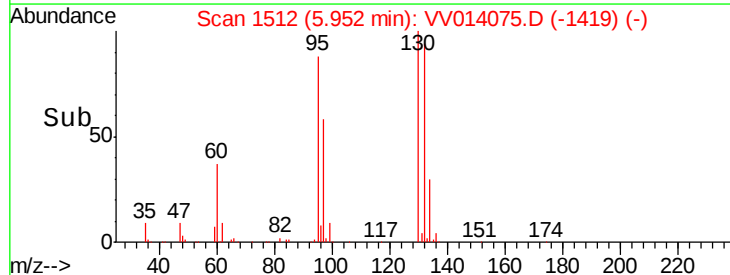
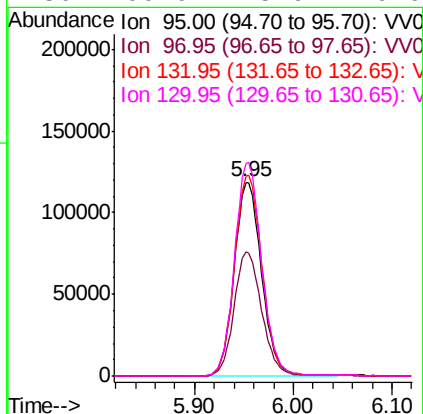
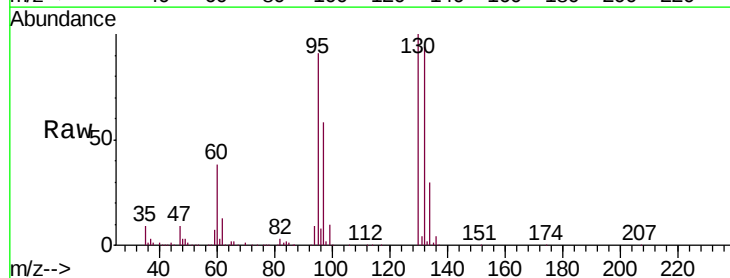
Tgt Ion: 96 Resp: 45584
Ion Ratio Lower Upper
96 100
61 122.7 86.1 159.9
68 0.0 0.0 0.0

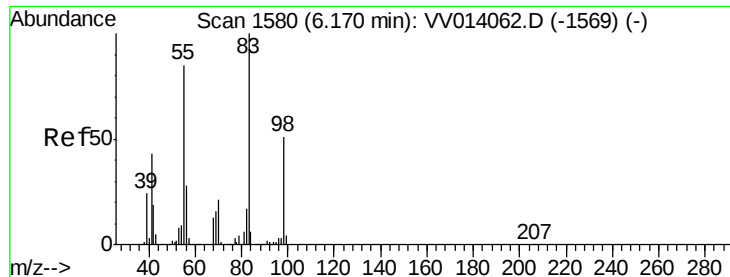


#34

Trichloroethene
Concen: 9.400 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VV014075.D
Acq: 16 Dec 2019 16:23

Tgt Ion: 95 Resp: 229597
Ion Ratio Lower Upper
95 100
97 64.1 45.6 84.8
132 102.9 70.5 130.9
130 109.9 75.9 140.9





#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014075.D

Acq: 16 Dec 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

BFD1

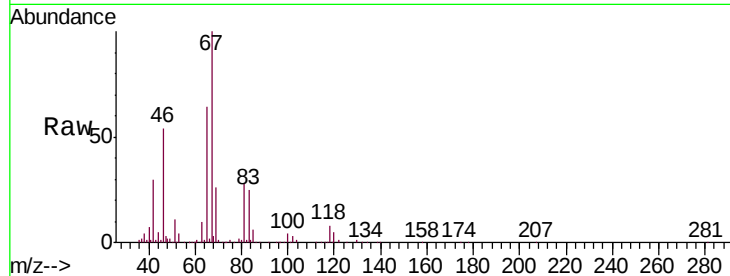
Tgt Ion: 83 Resp: 30792

Ion Ratio Lower Upper

83 100

55 0.5 60.3 90.5#

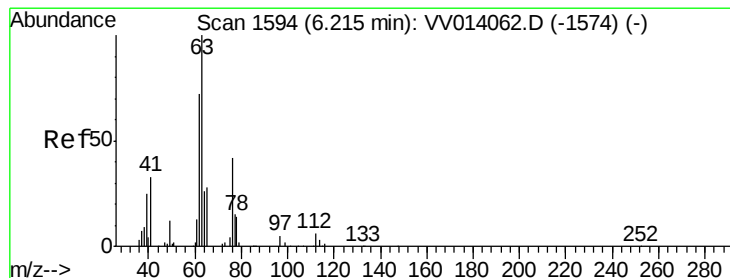
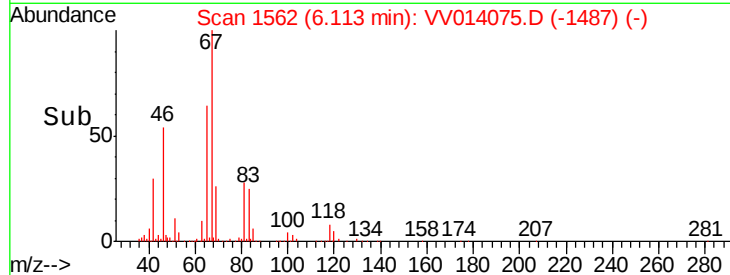
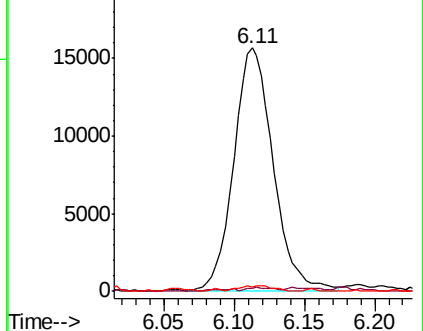
98 2.0 38.1 57.1#



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: 0.580 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014075.D

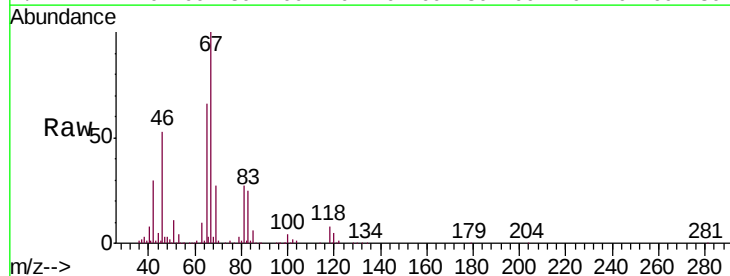
Acq: 16 Dec 2019 16:23

Tgt Ion: 63 Resp: 13197

Ion Ratio Lower Upper

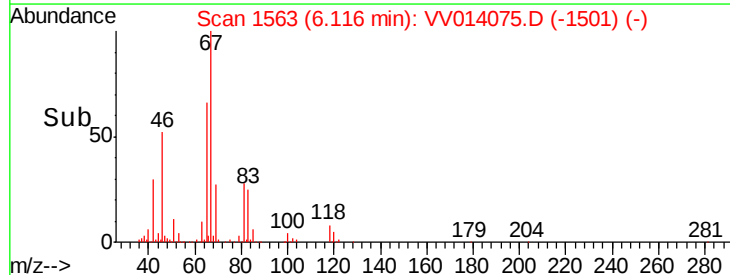
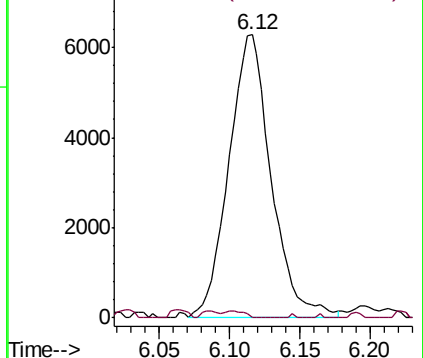
63 100

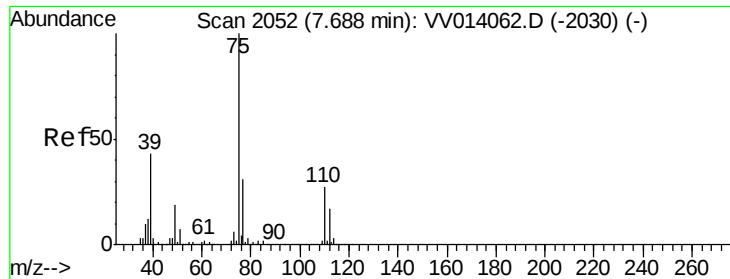
112 1.1 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

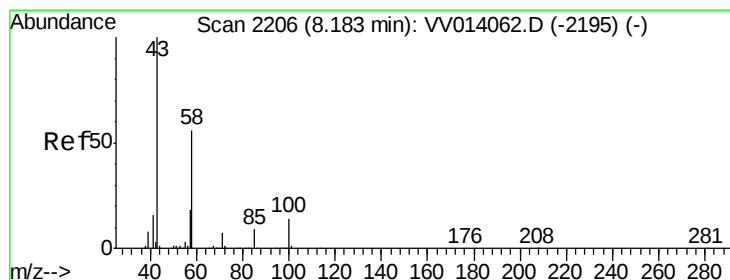
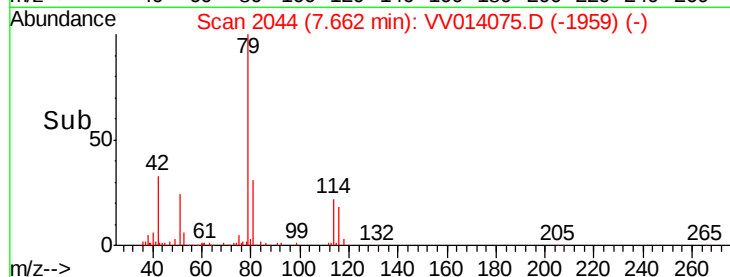
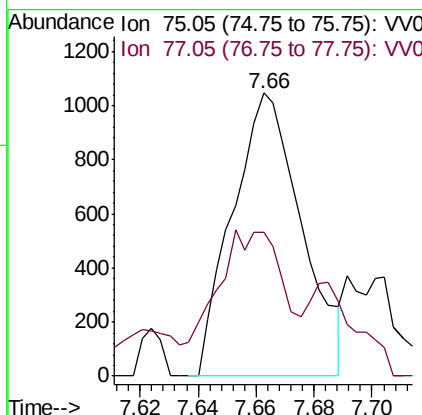
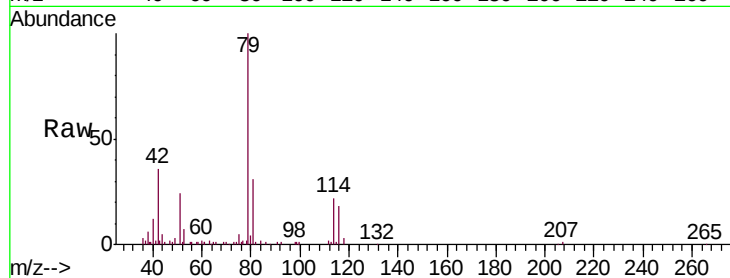




#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV014075.D
Acq: 16 Dec 2019 16:23

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Tgt Ion: 75 Resp: 1729
Ion Ratio Lower Upper
75 100
77 51.1 23.0 42.8#



#48
2-Hexanone
Concen: 3.544 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VV014075.D
Acq: 16 Dec 2019 16:23

Tgt Ion: 43 Resp: 33588
Ion Ratio Lower Upper
43 100
58 0.0 43.2 64.8#
57 36.3 15.4 23.2#
100 3.4 10.4 15.6#

