

Data File : VV012876.D
Acq On : 17 Sep 2019 21:06
Operator : SY/MD
Sample : K4892-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMR2

Quant Time: Sep 18 01:13:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 01:09:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	391472	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	380954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	141586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	197335	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	158197	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.13	63	239810	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.97	46	431200	53.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.30%
24) Chloroform-d	4.40	84	316505	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	170399	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.09	84	659537	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.12	67	206563	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.36	98	532263	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	67551	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.14	63	315629	54.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	154046	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	179835	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

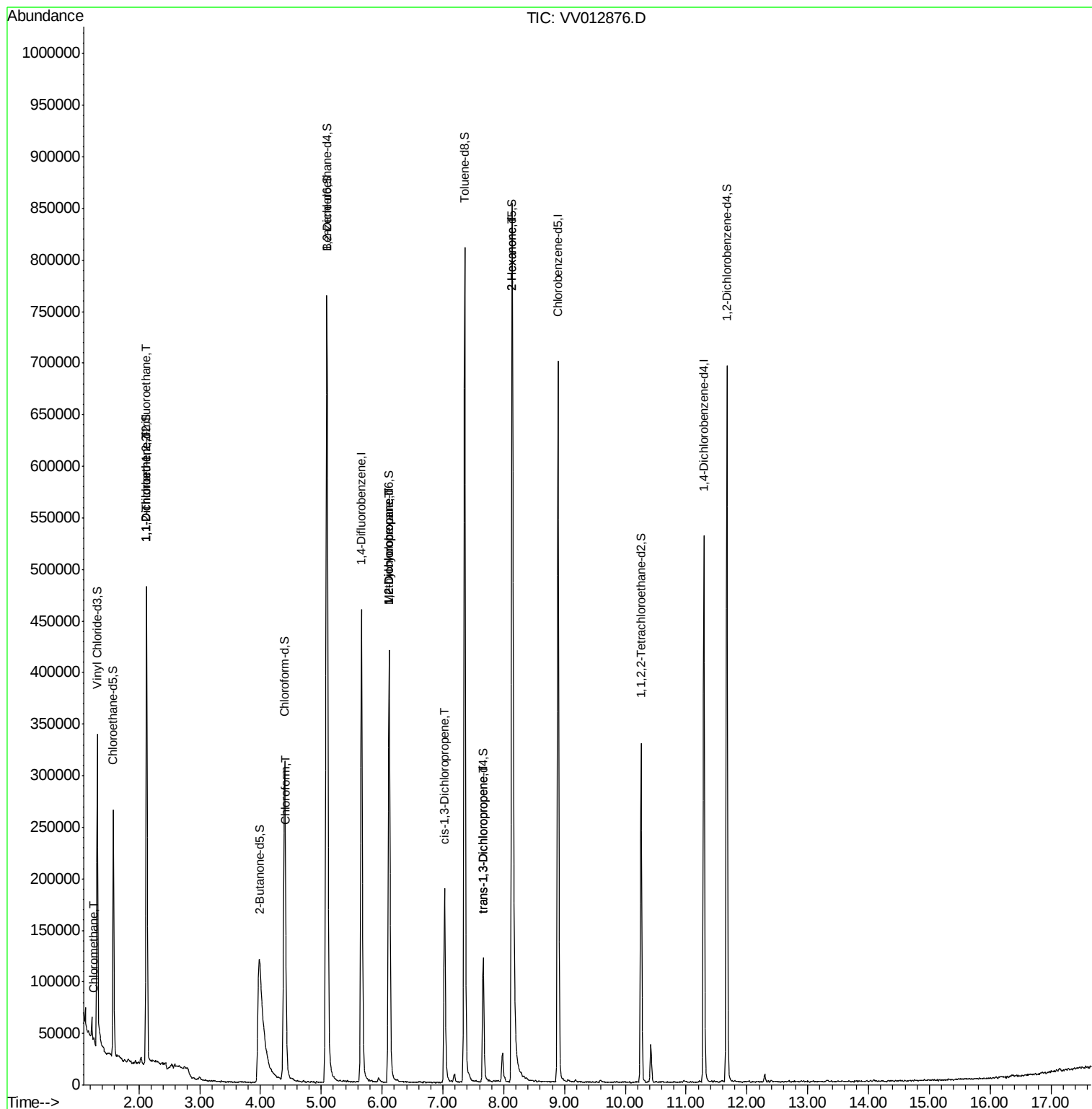
						Qvalue
3) Chloromethane	1.26	50	4795	0.176	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2444	0.106	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	2250	0.107	ug/L #	1
25) Chloroform	4.42	83	6724	0.124	ug/L	96
35) Methylcyclohexane	6.12	83	48310	1.414	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	21583	0.801	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	4527	0.127	ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	3310	0.116	ug/L	87
48) 2-Hexanone	8.14	43	46744	3.730	ug/L #	79

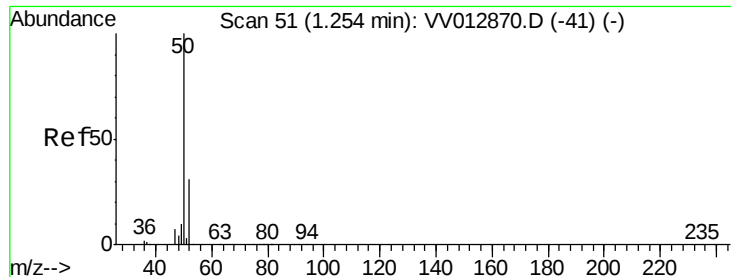
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.176 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

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Acq: 17 Sep 2019 21:06

Instrument :

MSVOA_V

ClientSampleId :

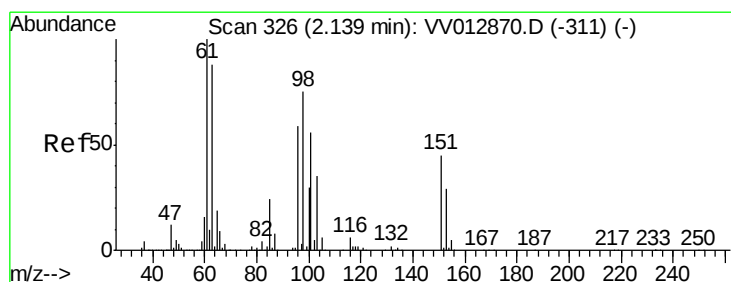
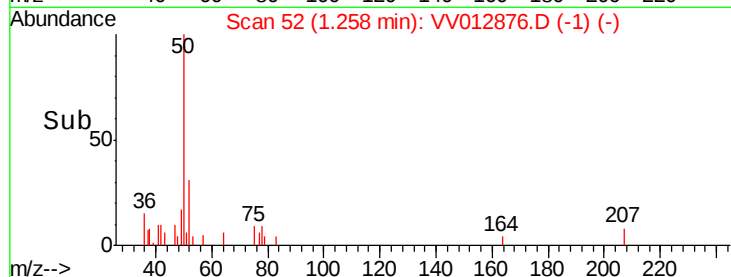
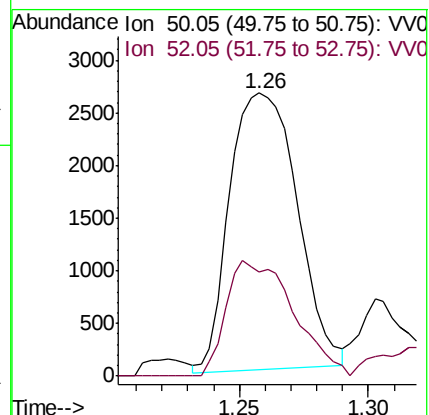
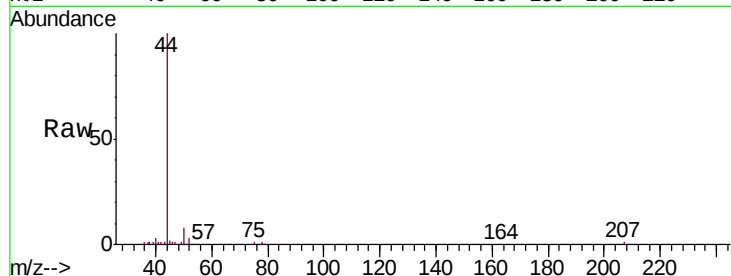
C0MR2

Tgt Ion: 50 Resp: 4795

Ion Ratio Lower Upper

50 100

52 36.8 22.8 42.4



#10

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

Concen: 0.106 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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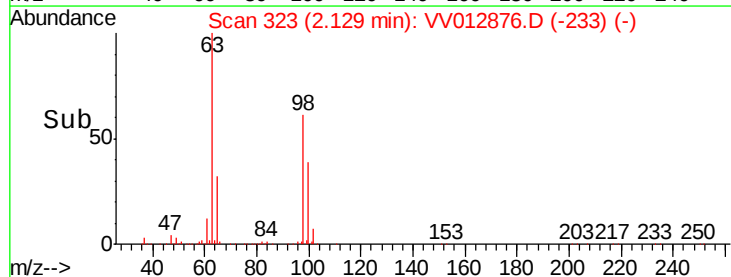
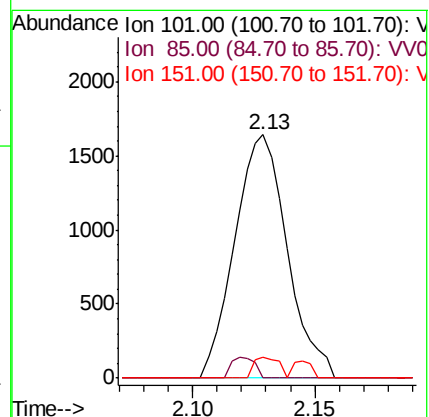
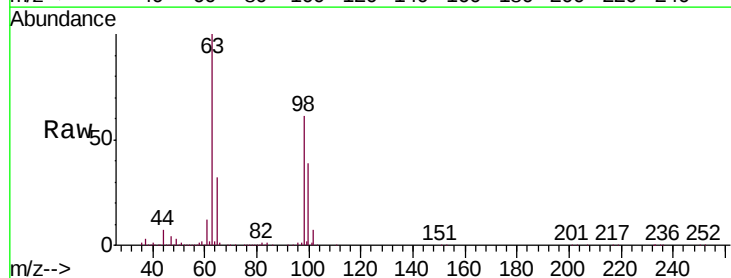
Tgt Ion: 101 Resp: 2444

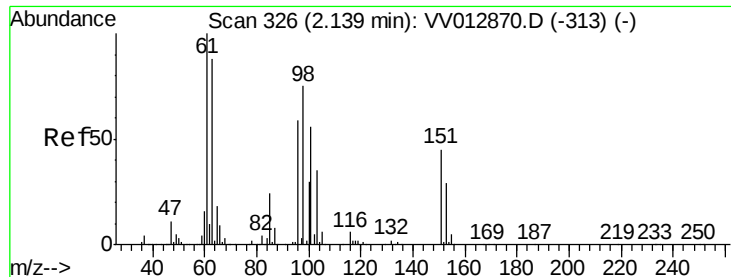
Ion Ratio Lower Upper

101 100

85 4.0 33.5 50.3#

151 4.0 64.0 96.0#





#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012876.D

Acq: 17 Sep 2019 21:06

Instrument :

MSVOA_V

ClientSampleId :

C0MR2

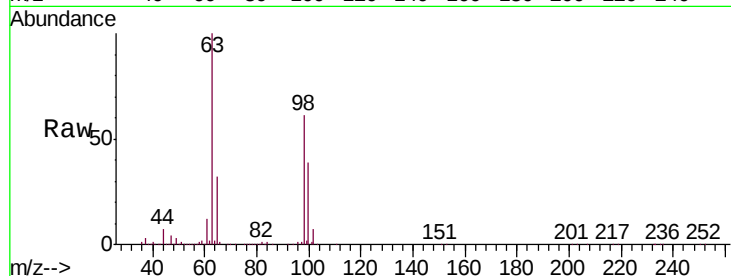
Tgt Ion: 96 Resp: 2250

Ion Ratio Lower Upper

96 100

61 1236.7 116.1 215.5#

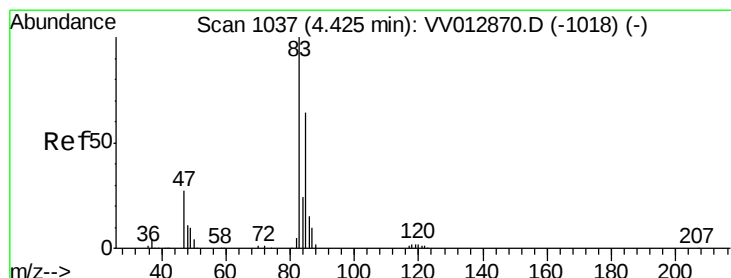
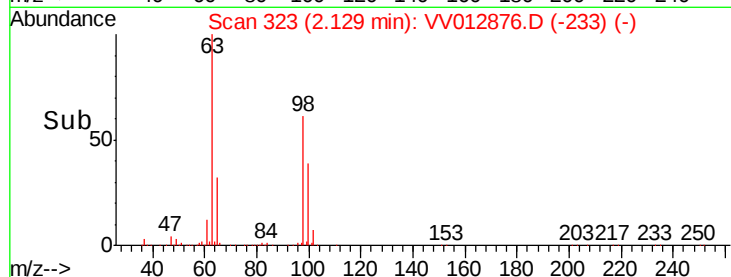
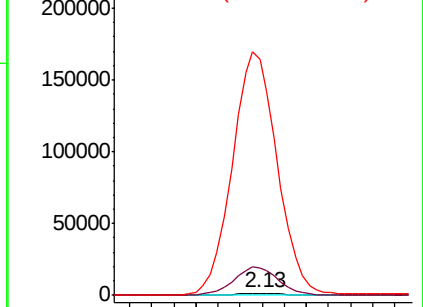
63 10481.6 113.3 210.3#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#25

Chloroform

Concen: 0.124 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV012876.D

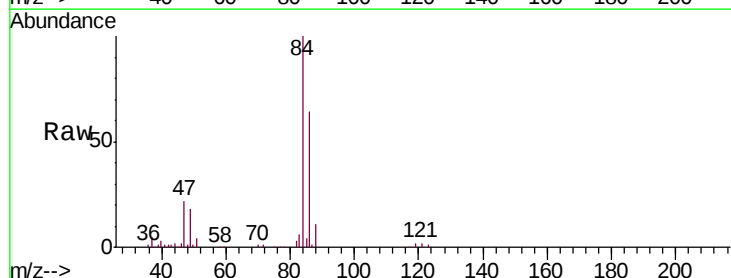
Acq: 17 Sep 2019 21:06

Tgt Ion: 83 Resp: 6724

Ion Ratio Lower Upper

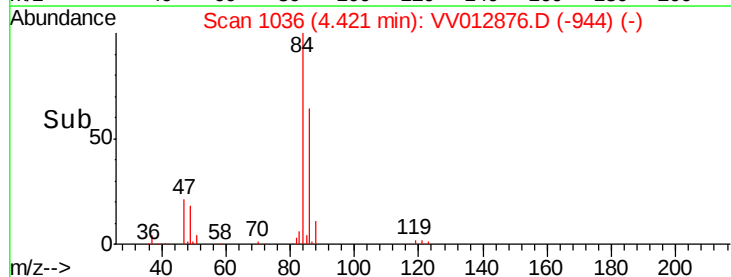
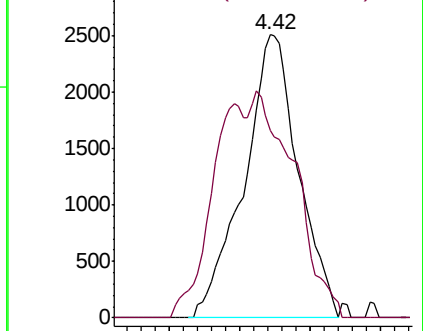
83 100

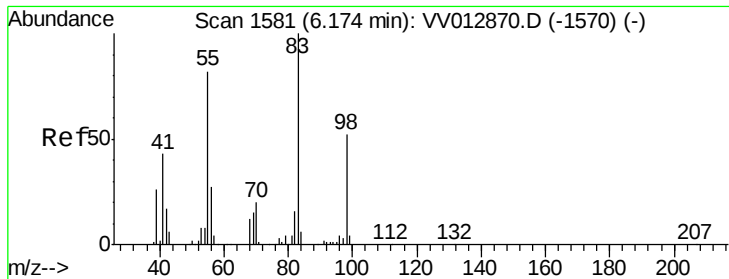
85 66.3 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

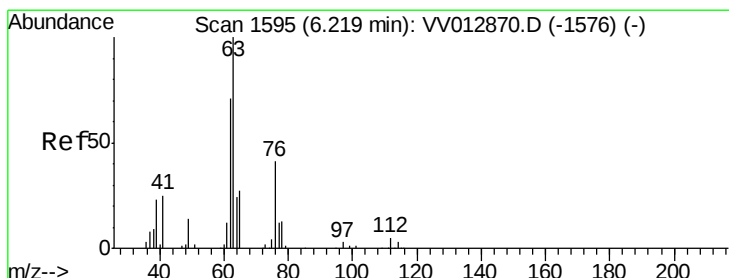
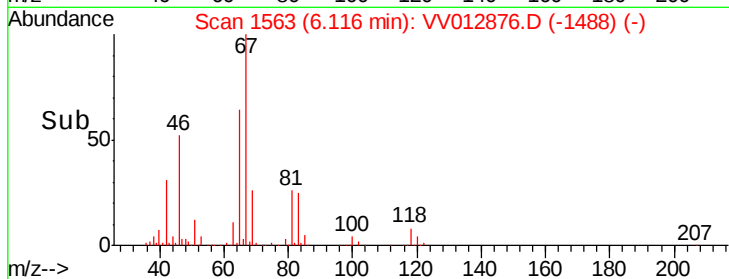
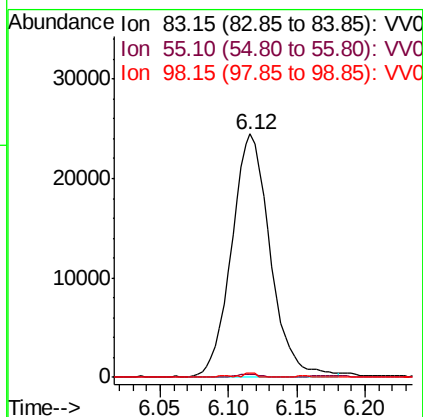
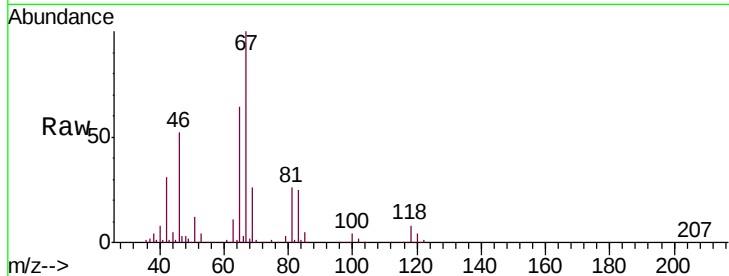




#35
Methylcyclohexane
Concen: 1.414 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012876.D
Acq: 17 Sep 2019 21:06

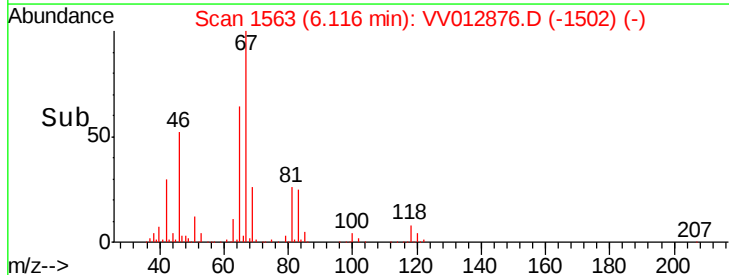
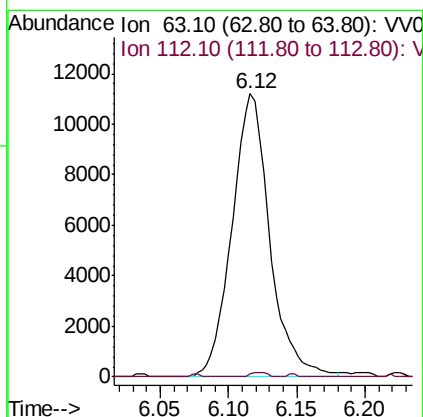
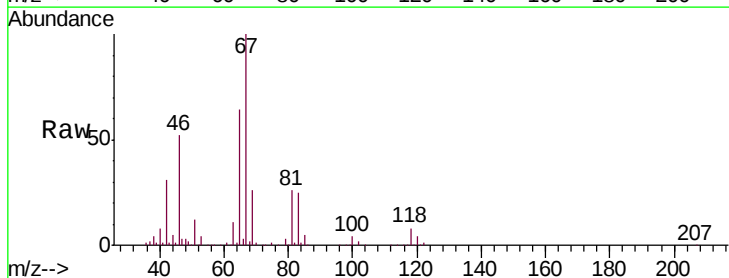
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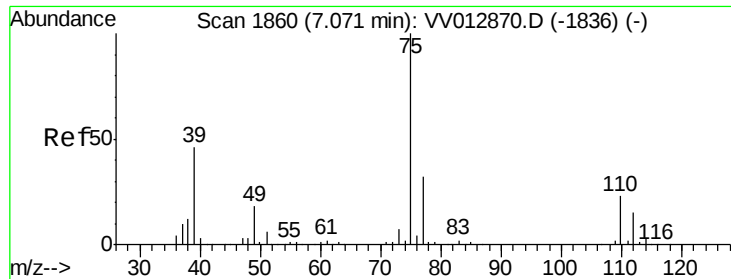
Tgt Ion: 83 Resp: 48310
Ion Ratio Lower Upper
83 100
55 0.7 63.8 95.6#
98 0.6 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.801 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012876.D
Acq: 17 Sep 2019 21:06

Tgt Ion: 63 Resp: 21583
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.6#

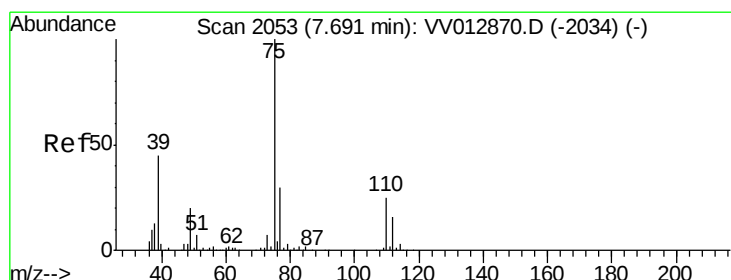
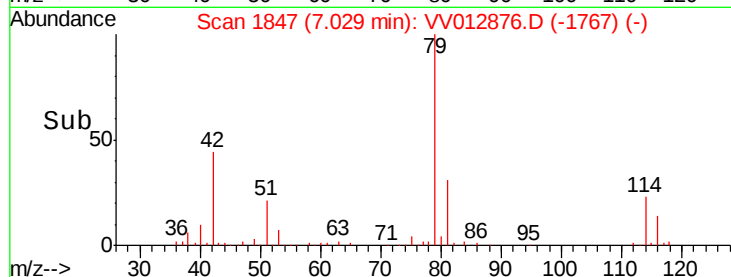
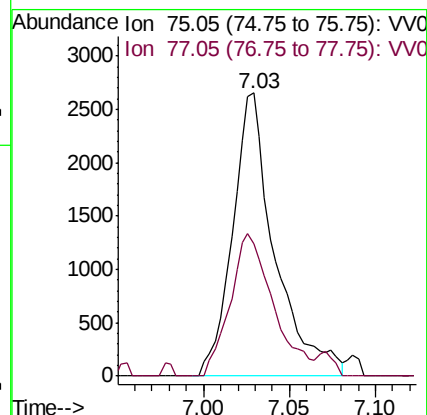
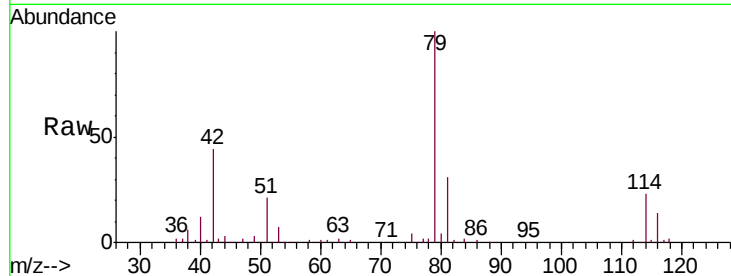




#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012876.D
 Acq: 17 Sep 2019 21:06

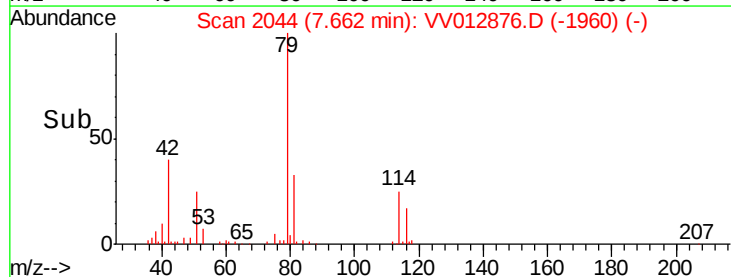
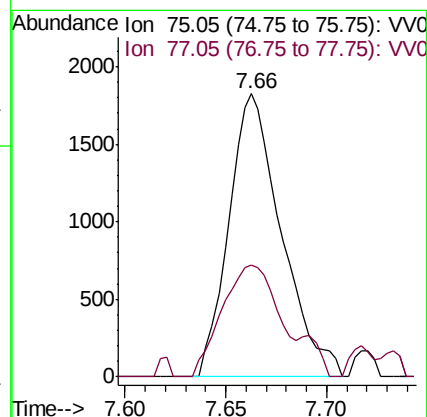
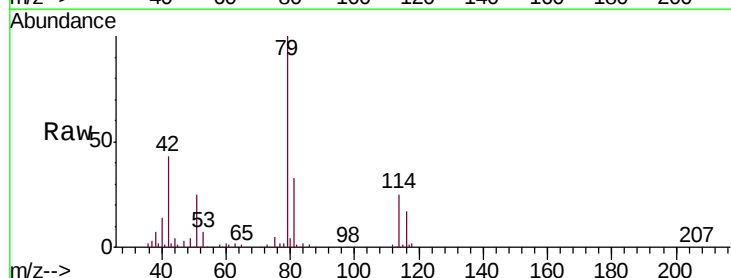
Instrument :
 MSVOA_V
 ClientSampleId :
 COMR2

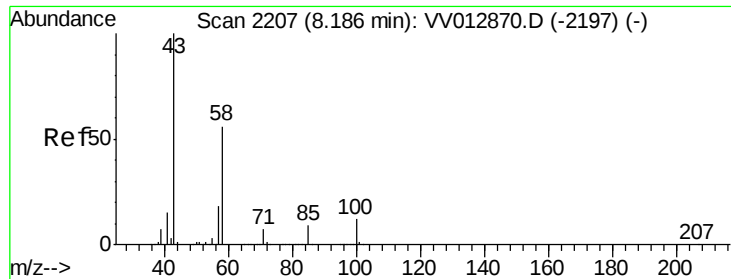
Tgt Ion: 75 Resp: 4527
 Ion Ratio Lower Upper
 75 100
 77 46.7 21.6 40.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012876.D
 Acq: 17 Sep 2019 21:06

Tgt Ion: 75 Resp: 3310
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.5 41.7





#48
 2-Hexanone
 Concen: 3.730 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV012876.D
 Acq: 17 Sep 2019 21:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0MR2

Tgt Ion: 43 Resp: 46744
 Ion Ratio Lower Upper
 43 100
 58 43.3 44.5 66.7#
 57 32.0 15.0 22.6#
 100 2.6 9.7 14.5#

