

Data File : VV012897.D
Acq On : 18 Sep 2019 15:34
Operator : SY/MD
Sample : K4833-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOJ7

Quant Time: Sep 19 01:58:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	366233	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	360116	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	134763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168749	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	151548	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.13	63	214935	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.98	46	344780	45.42	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.84%
24) Chloroform-d	4.40	84	299778	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	153414	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	611286	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.12	67	190800	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	495999	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	60604	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.14	63	244307	44.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	133390	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	167576	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

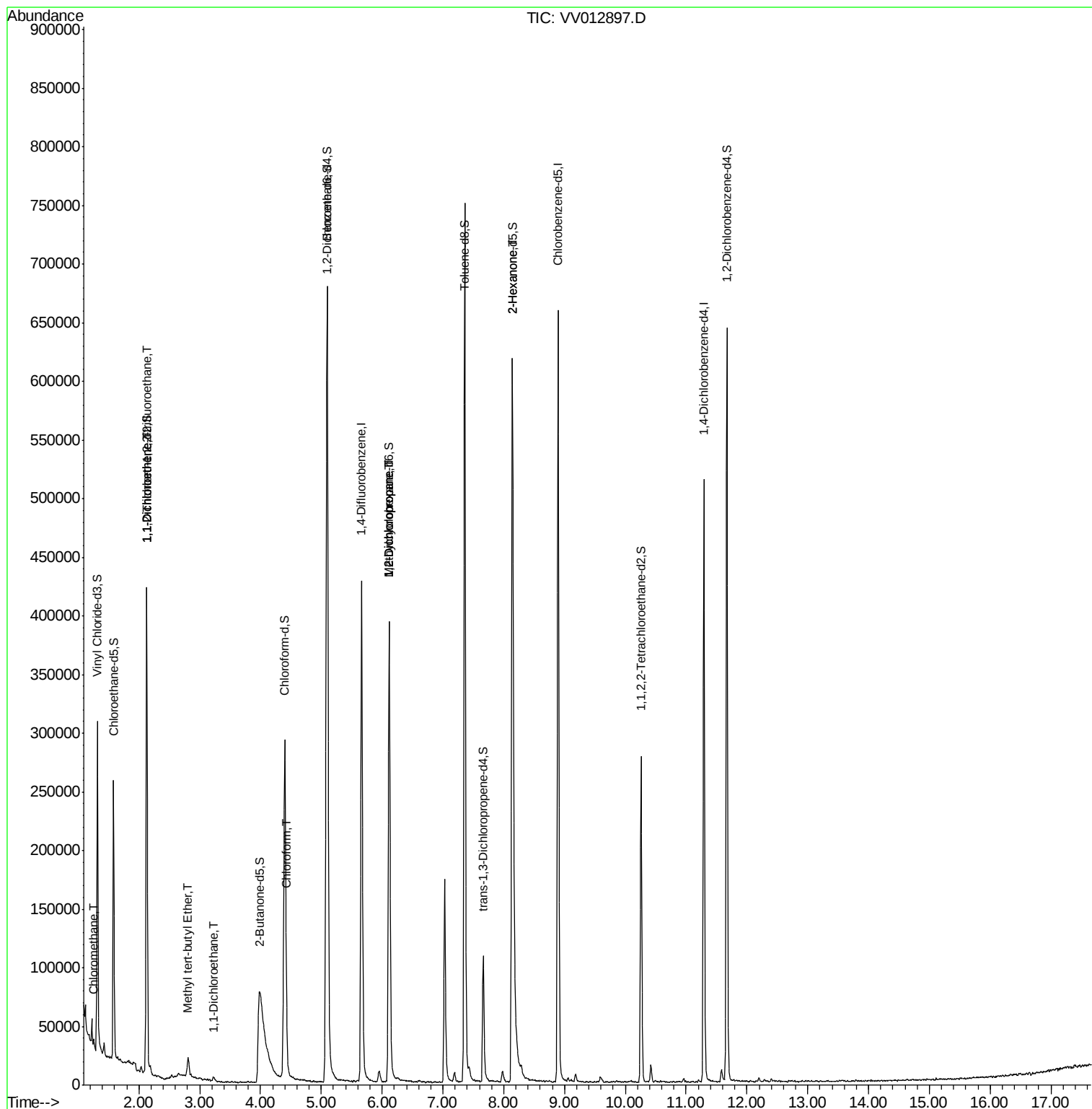
						Qvalue
3) Chloromethane	1.25	50	4920	0.193	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2051	0.095	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	2350	0.120	ug/L #	1
17) Methyl tert-butyl Ether	2.81	73	15930	0.287	ug/L	94
19) 1,1-Dichloroethane	3.23	63	3343	0.074	ug/L	93
25) Chloroform	4.43	83	5356	0.106	ug/L	99
35) Methylcyclohexane	6.12	83	45223	1.400	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	20275	0.796	ug/L #	88
48) 2-Hexanone	8.14	43	41385	3.493	ug/L #	75

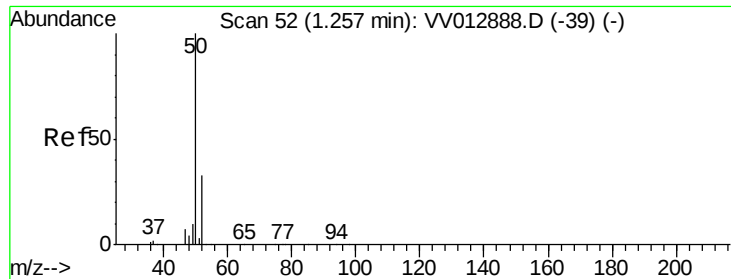
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.193 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Acq: 18 Sep 2019 15:34

Instrument :

MSVOA_V

ClientSampleId :

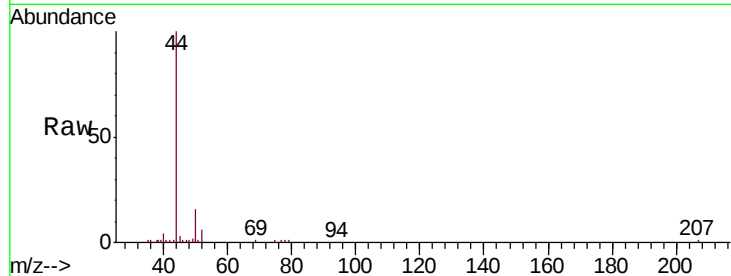
ETOJ7

Tgt Ion: 50 Resp: 4920

Ion Ratio Lower Upper

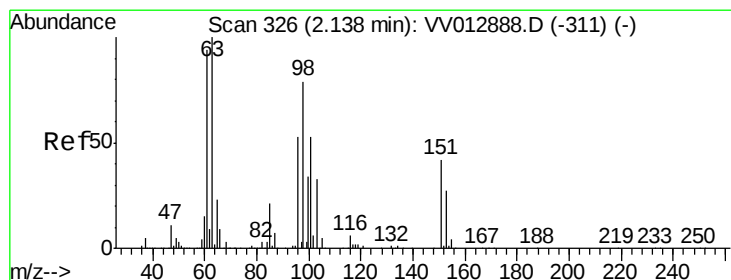
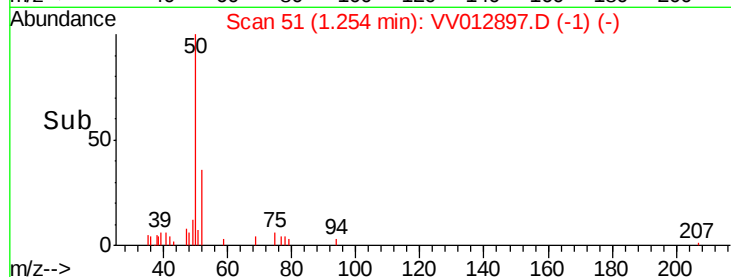
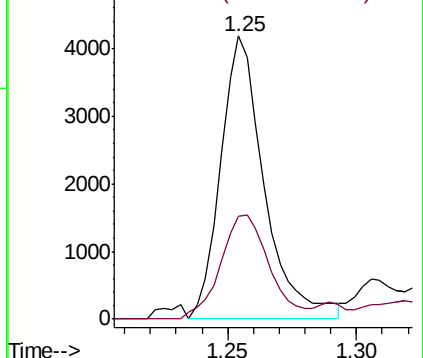
50 100

52 36.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

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

Concen: 0.095 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012897.D

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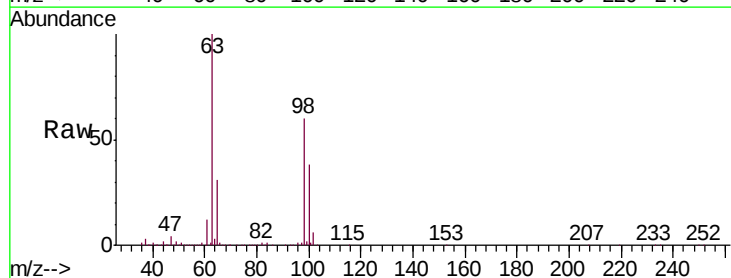
Tgt Ion: 101 Resp: 2051

Ion Ratio Lower Upper

101 100

85 1.1 33.5 50.3#

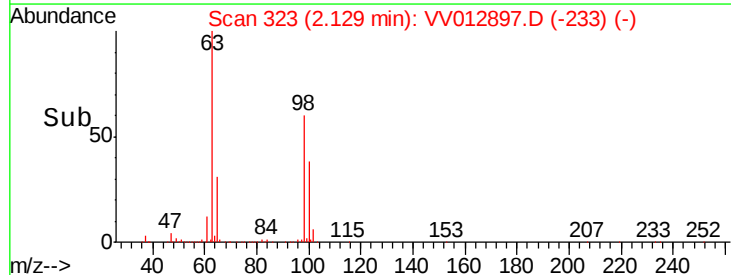
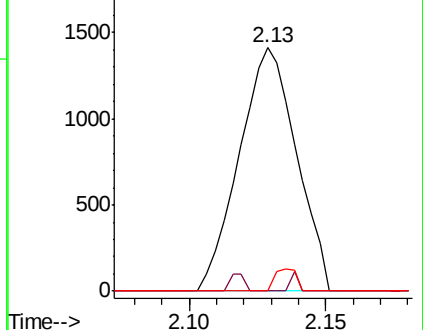
151 3.5 64.0 96.0#

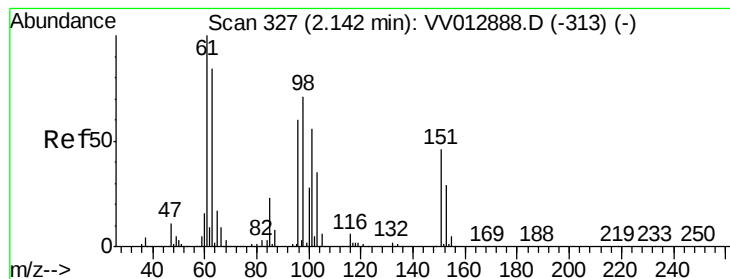


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.120 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012897.D

Acq: 18 Sep 2019 15:34

Instrument :

MSVOA_V

ClientSampled :

ETOJ7

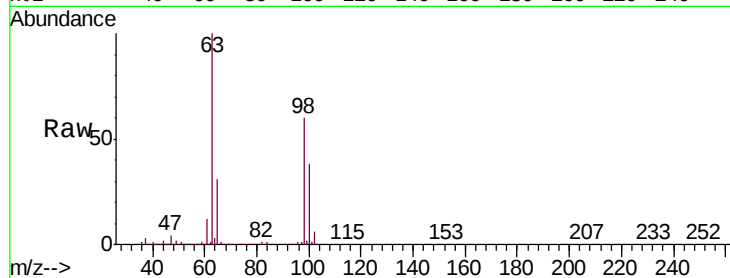
Tgt Ion: 96 Resp: 2350

Ion Ratio Lower Upper

96 100

61 1180.2 116.1 215.5#

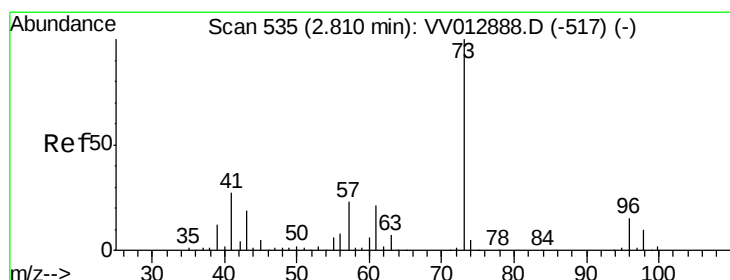
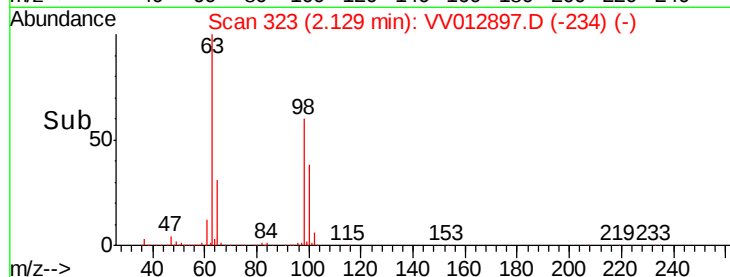
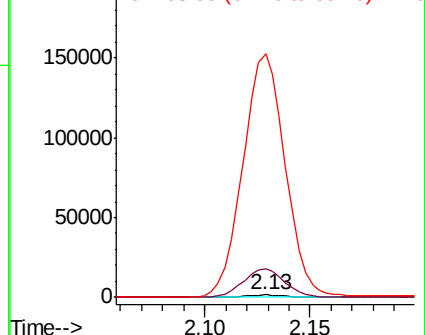
63 10181.0 113.3 210.3#



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



#17

Methyl tert-butyl Ether

Concen: 0.287 ug/L

RT: 2.81 min Scan# 535

Delta R.T. -0.00 min

Lab File: VV012897.D

Acq: 18 Sep 2019 15:34

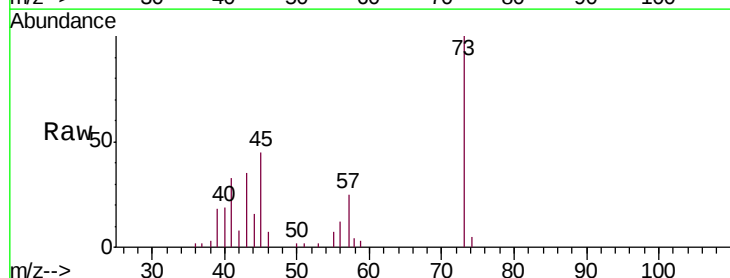
Tgt Ion: 73 Resp: 15930

Ion Ratio Lower Upper

73 100

43 20.5 15.0 22.4

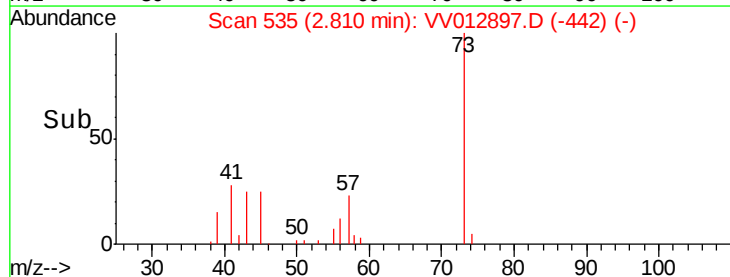
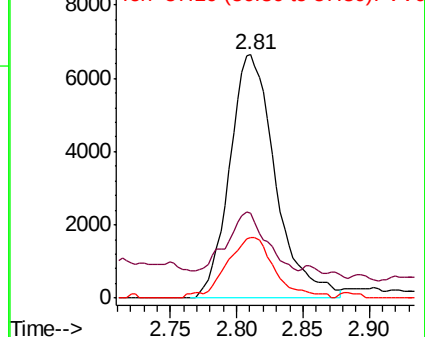
57 26.1 17.9 26.9

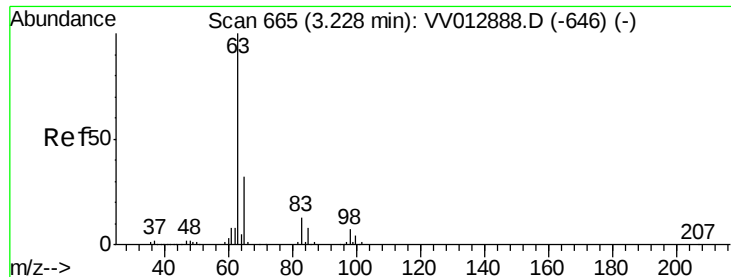


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

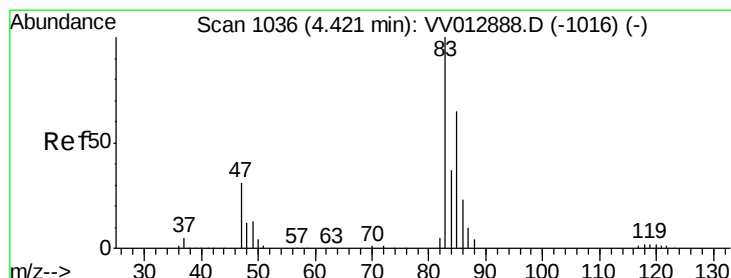
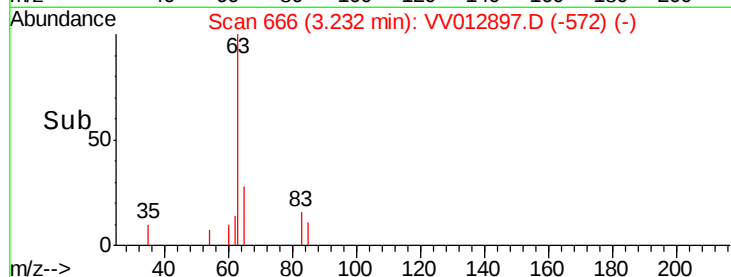
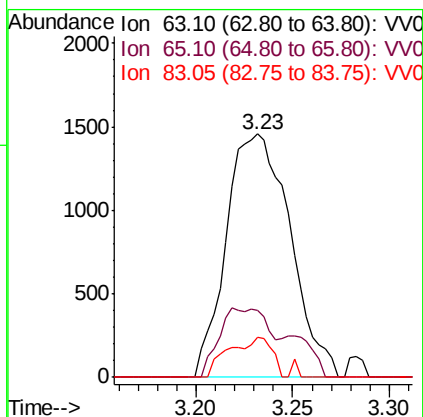
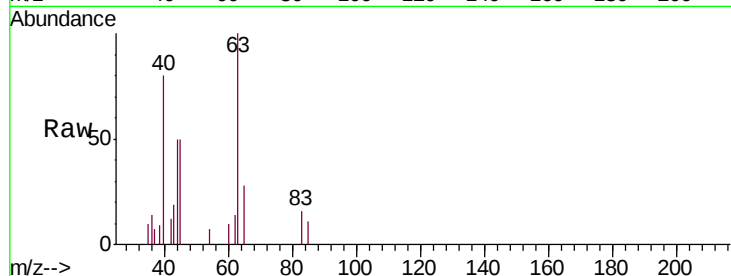




#19
 1,1-Dichloroethane
 Concen: 0.074 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV012897.D
 Acq: 18 Sep 2019 15:34

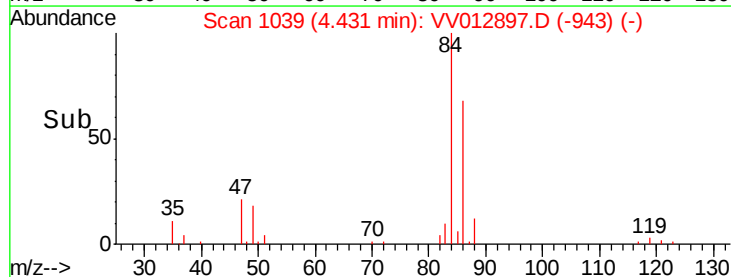
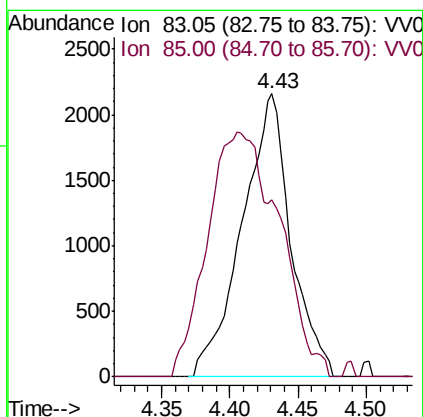
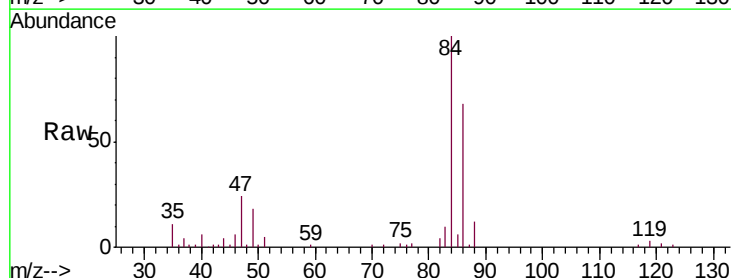
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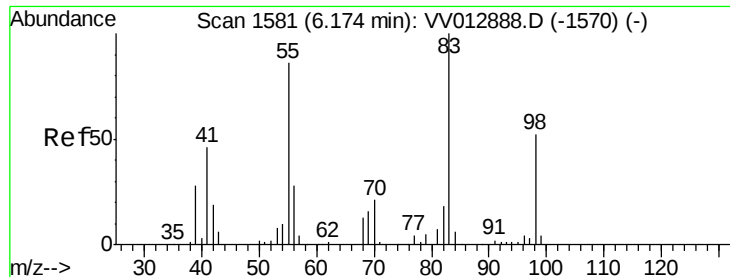
Tgt Ion: 63 Resp: 3343
 Ion Ratio Lower Upper
 63 100
 65 27.6 22.0 41.0
 83 16.3 9.2 17.0



#25
 Chloroform
 Concen: 0.106 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VV012897.D
 Acq: 18 Sep 2019 15:34

Tgt Ion: 83 Resp: 5356
 Ion Ratio Lower Upper
 83 100
 85 62.4 44.4 82.5

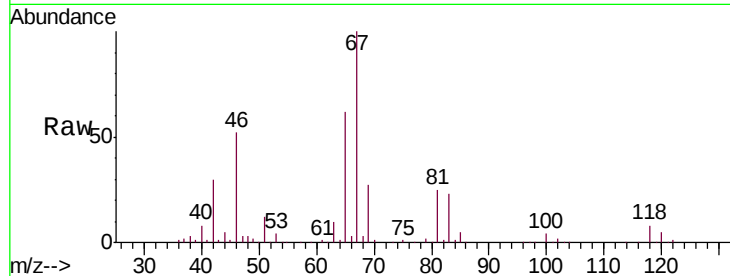




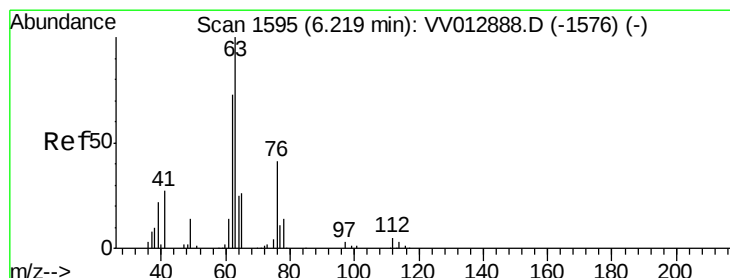
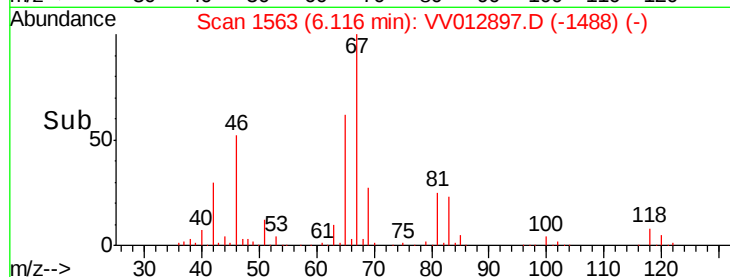
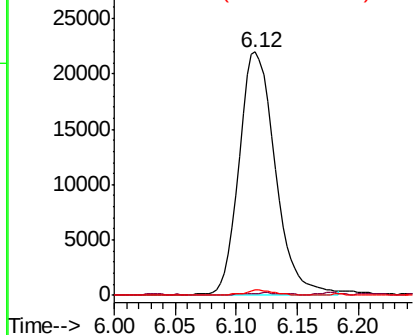
#35
Methylcyclohexane
Concen: 1.400 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012897.D
Acq: 18 Sep 2019 15:34

Instrument :
MSVOA_V
ClientSampleId :
ETOJ7

Tgt Ion: 83 Resp: 45223
Ion Ratio Lower Upper
83 100
55 1.1 63.8 95.6#
98 1.7 38.2 57.4#

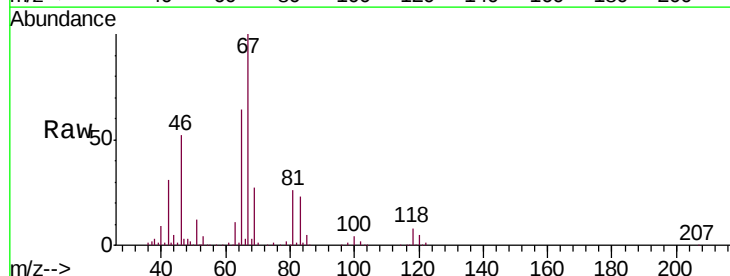


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

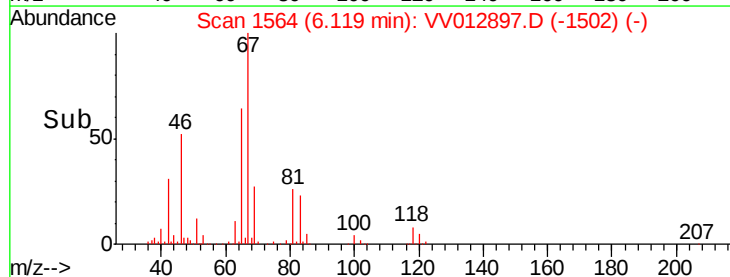
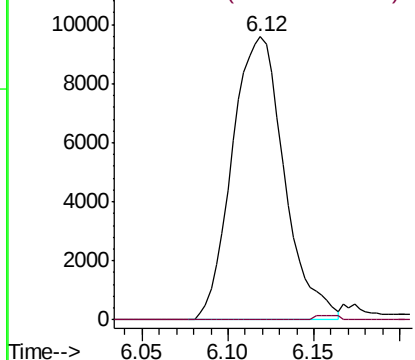


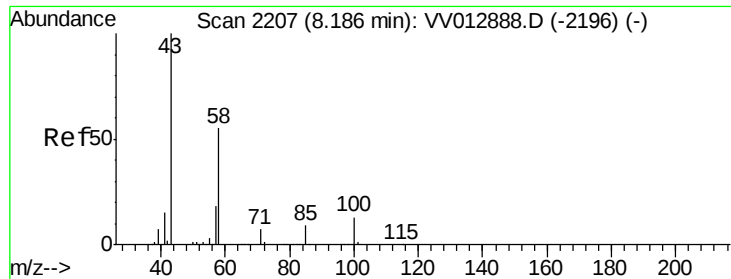
#37
1,2-Dichloropropane
Concen: 0.796 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012897.D
Acq: 18 Sep 2019 15:34

Tgt Ion: 63 Resp: 20275
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.493 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV012897.D
 Acq: 18 Sep 2019 15:34

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOJ7

Tgt Ion:	43	Resp:	41385
Ion	Ratio	Lower	Upper
43	100		
58	36.7	44.5	66.7#
57	28.9	15.0	22.6#
100	3.6	9.7	14.5#

