

Data File : VV012810.D
Acq On : 15 Sep 2019 21:28
Operator : SY/MD
Sample : K4865-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMKO

Quant Time: Sep 16 08:18:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	403341	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	396942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	200429	7.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	146.60%#
7) Chloroethane-d5	1.58	69	168756	7.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	149.20%#
11) 1,1-Dichloroethene-d2	2.13	63	250058	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.20%
20) 2-Butanone-d5	3.98	46	431134	65.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.96%#
24) Chloroform-d	4.40	84	334714	6.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.60%#
26) 1,2-Dichloroethane-d4	5.08	65	174379	7.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	146.60%#
32) Benzene-d6	5.09	84	681701	7.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	143.80%#
36) 1,2-Dichloropropane-d6	6.12	67	211250	7.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	140.20%#
41) Toluene-d8	7.36	98	543697	6.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.00%
43) trans-1,3-Dichloropropene-	7.66	79	64996	6.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	125.60%
46) 2-Hexanone-d5	8.14	63	218155	55.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113698	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	184425	7.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	147.20%#

Target Compounds

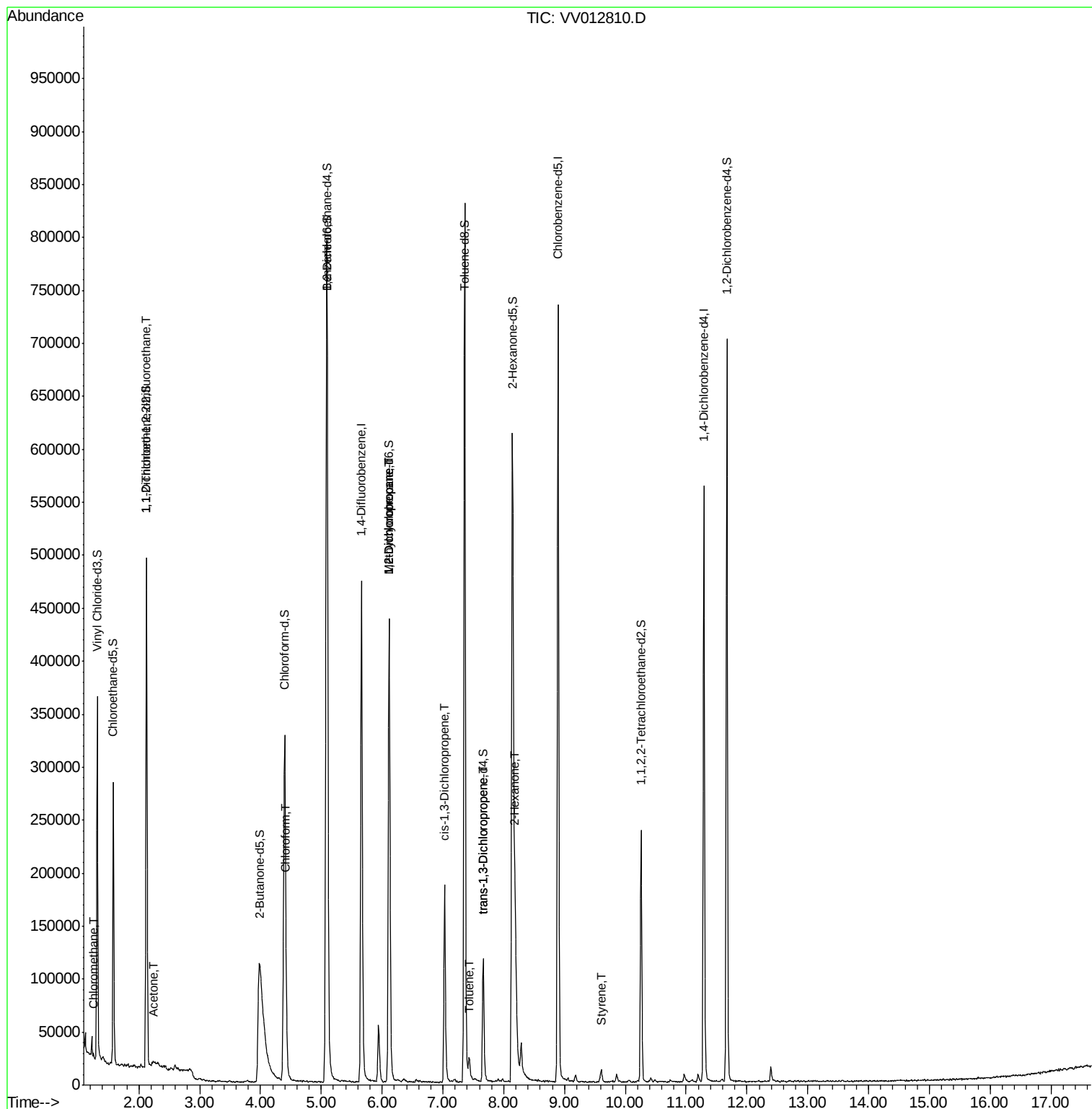
					Qvalue
3) Chloromethane	1.25	50	4611	0.134 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2419	0.092 ug/L #	18
13) Acetone	2.24	43	8618	2.233 ug/L	59
25) Chloroform	4.43	83	19515	0.334 ug/L	100
35) Methylcyclohexane	6.12	83	49739	1.098 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	22700	0.786 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	4655	0.123 ug/L #	69
42) Toluene	7.43	91	13005	0.108 ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	2856	0.100 ug/L	94
48) 2-Hexanone	8.19	43	99276	8.662 ug/L #	85
55) Styrene	9.60	104	5199	0.067 ug/L	89

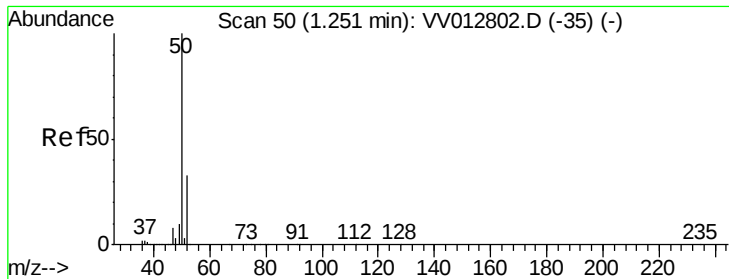
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.134 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

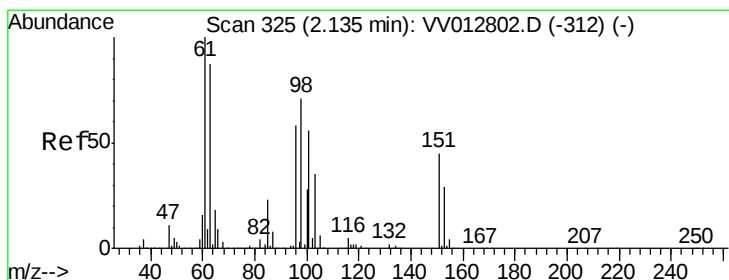
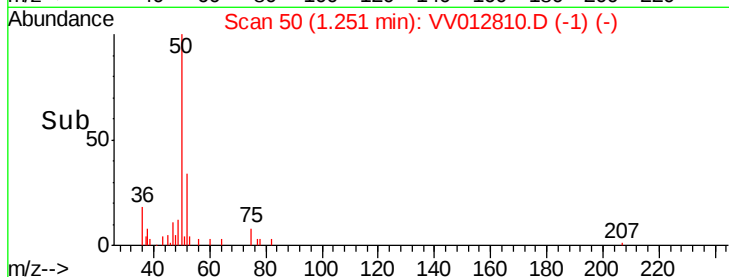
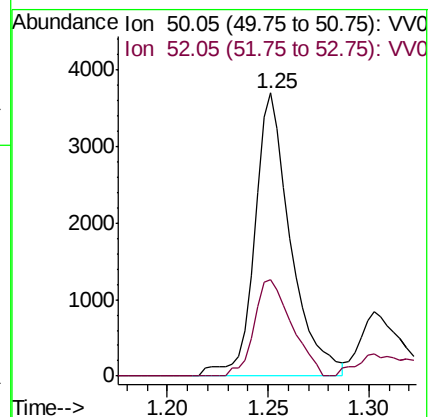
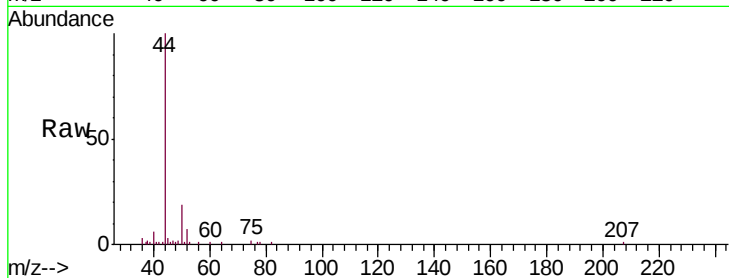
COMKO

Tgt Ion: 50 Resp: 4611

Ion Ratio Lower Upper

50 100

52 34.3 22.9 42.5



#10

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

Concen: 0.092 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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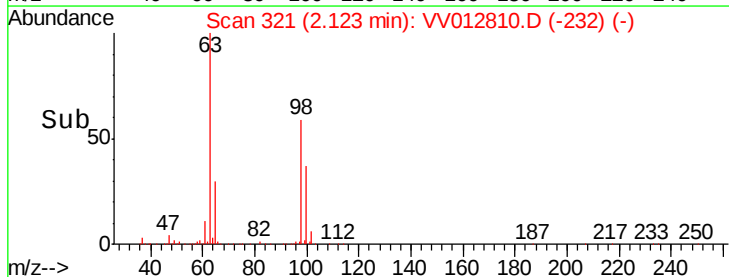
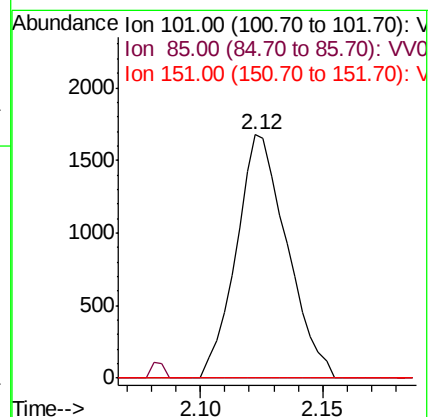
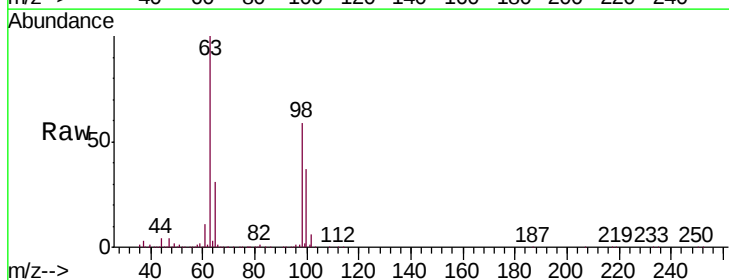
Tgt Ion: 101 Resp: 2419

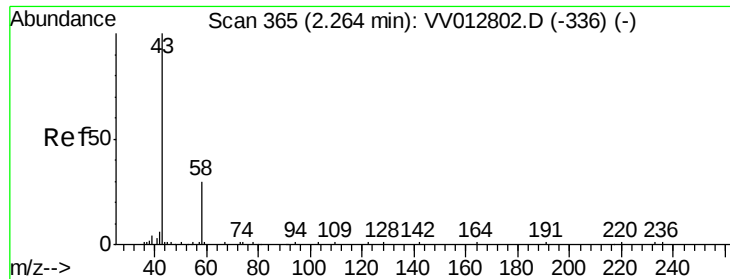
Ion Ratio Lower Upper

101 100

85 1.7 33.0 49.6#

151 0.0 65.8 98.8#





#13

Acetone

Concen: 2.233 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.03 min

Lab File: VV012810.D

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Instrument :

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ClientSampleId :

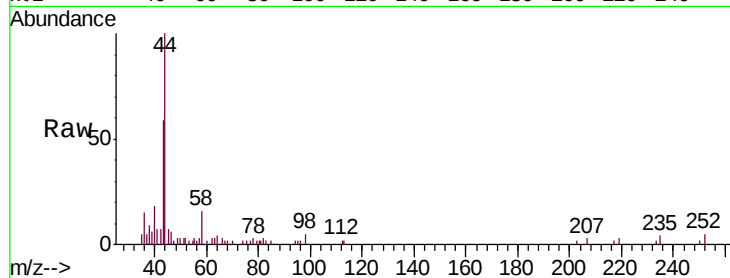
COMKO

Tgt Ion: 43 Resp: 8618

Ion Ratio Lower Upper

43 100

58 10.0 0.0 67.4

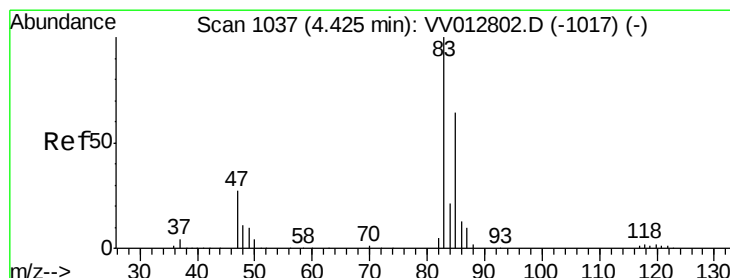
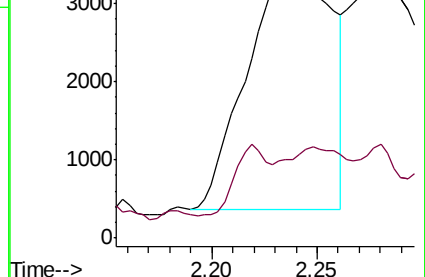
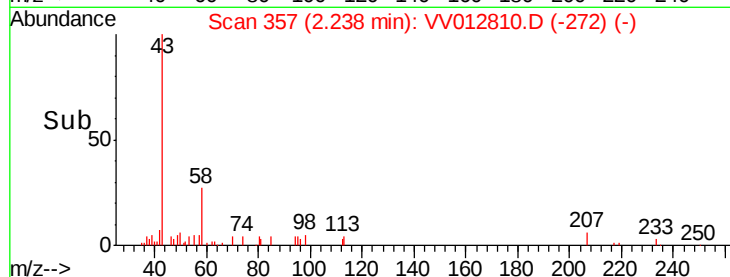


Abundance Ion 43.05 (42.75 to 43.75): VV012802.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV012802.D (-336) (-)

2.24

Time-->



#25

Chloroform

Concen: 0.334 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012810.D

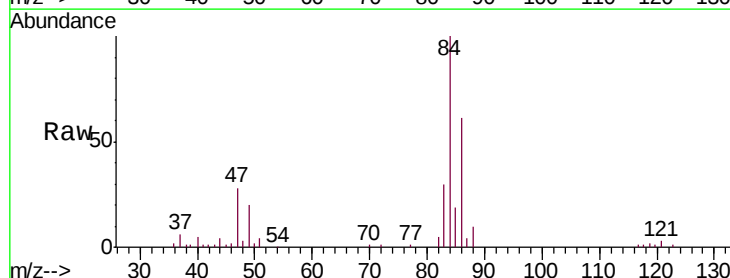
Acq: 15 Sep 2019 21:28

Tgt Ion: 83 Resp: 19515

Ion Ratio Lower Upper

83 100

85 64.6 45.3 84.1

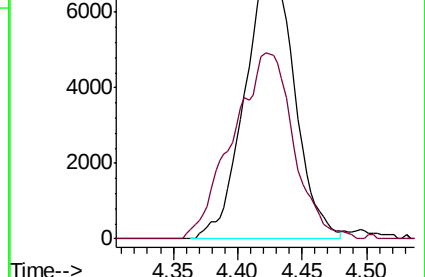
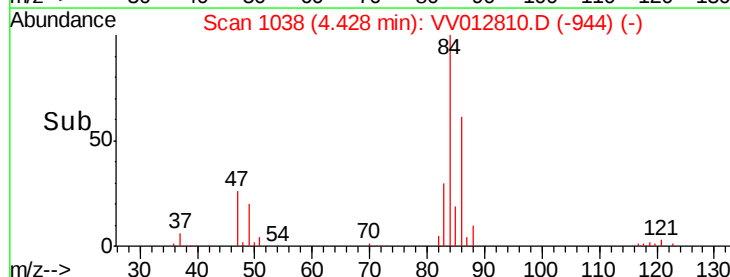


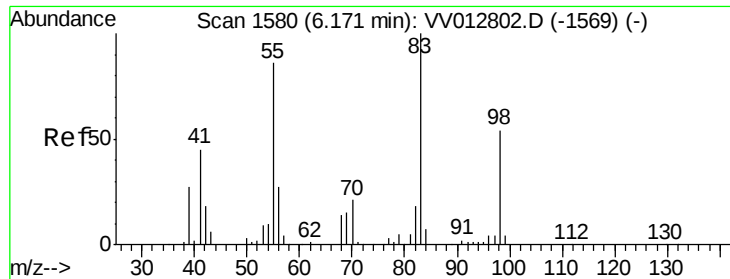
Abundance Ion 83.05 (82.75 to 83.75): VV012802.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV012802.D (-1017) (-)

4.43

Time-->

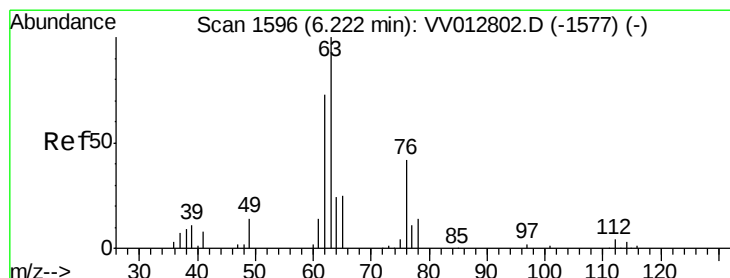
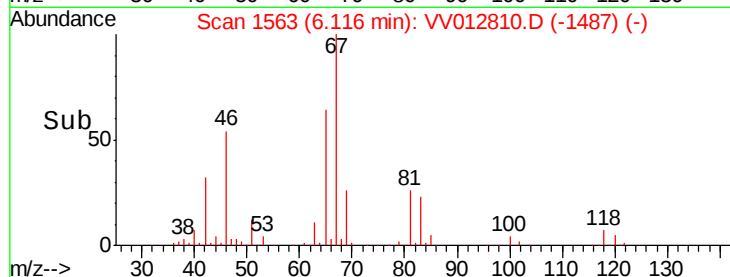
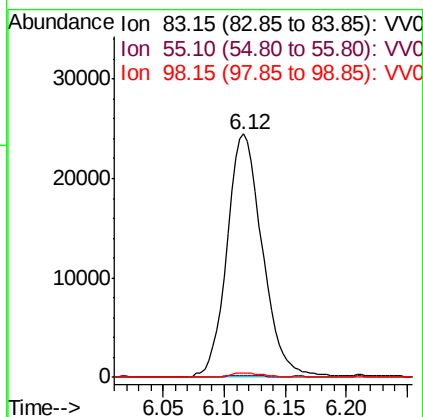
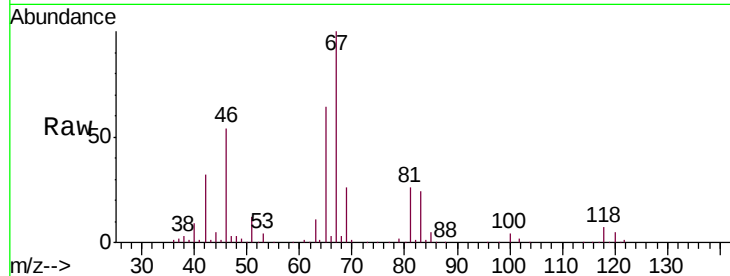




#35
Methylcyclohexane
Concen: 1.098 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012810.D
Acq: 15 Sep 2019 21:28

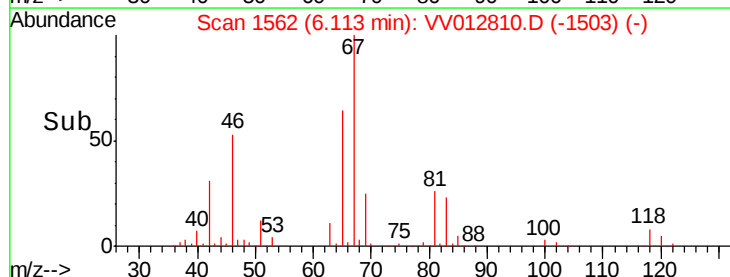
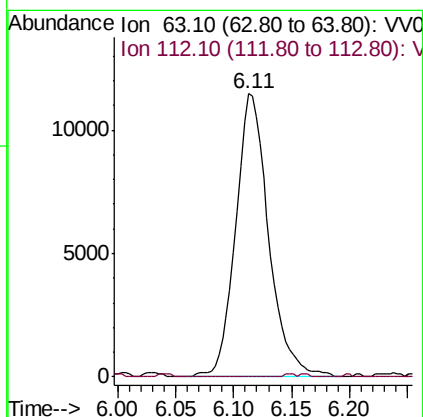
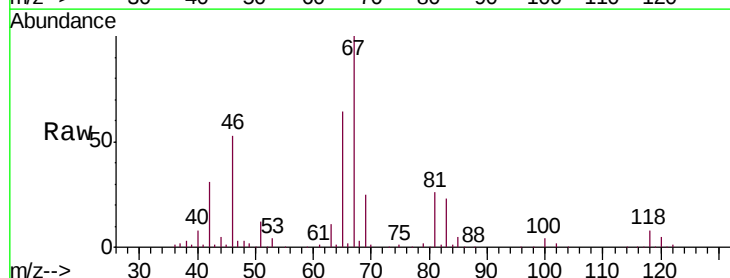
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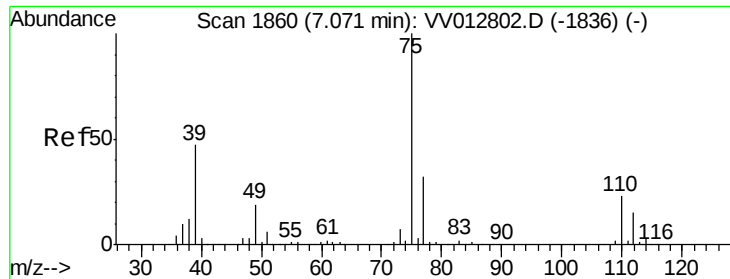
Tgt Ion: 83 Resp: 49739
Ion Ratio Lower Upper
83 100
55 0.5 63.0 94.4#
98 1.6 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.786 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012810.D
Acq: 15 Sep 2019 21:28

Tgt Ion: 63 Resp: 22700
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#

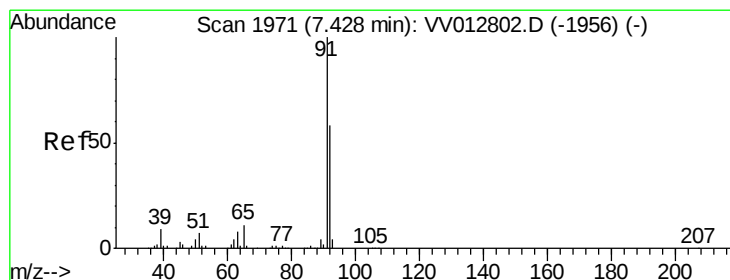
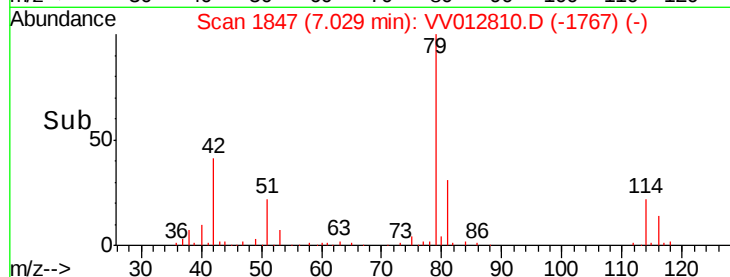
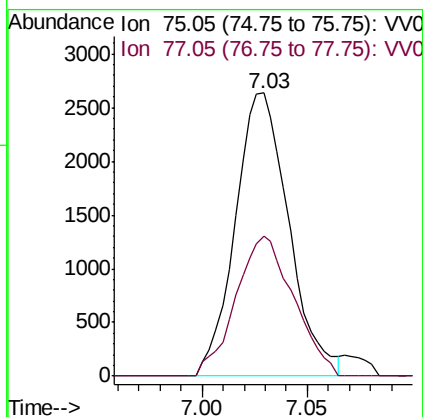
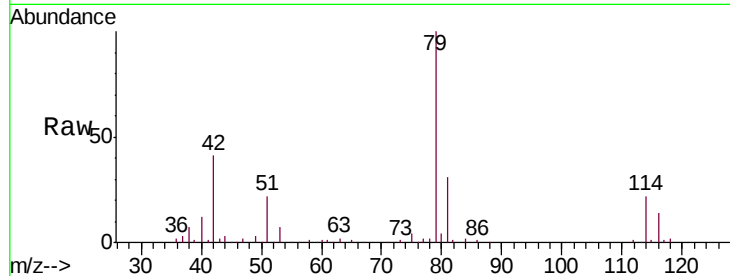




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012810.D
 Acq: 15 Sep 2019 21:28

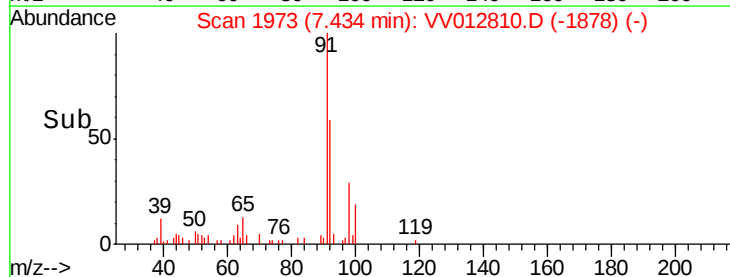
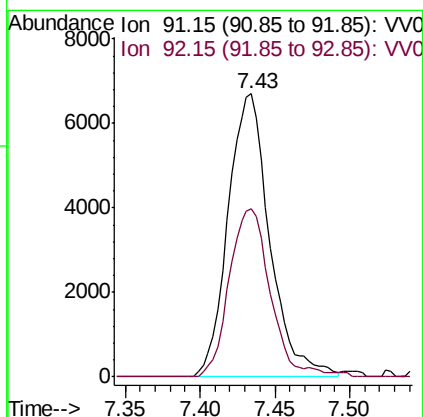
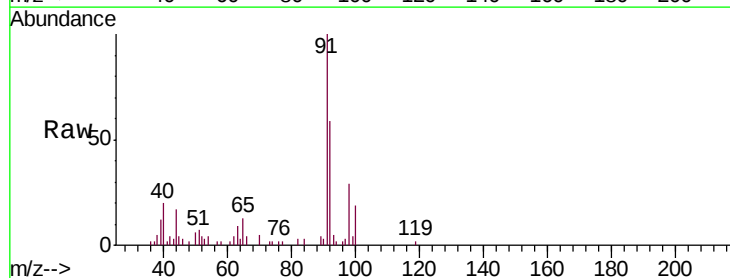
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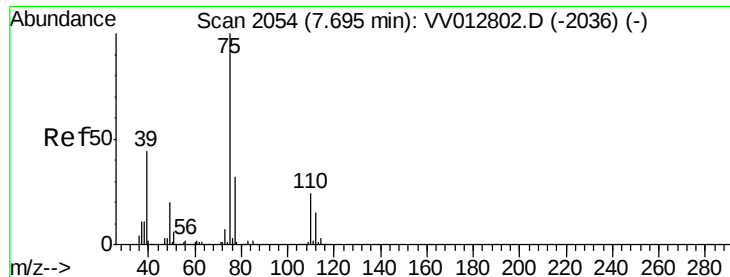
Tgt Ion: 75 Resp: 4655
 Ion Ratio Lower Upper
 75 100
 77 49.3 22.3 41.3#



#42
 Toluene
 Concen: 0.108 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VV012810.D
 Acq: 15 Sep 2019 21:28

Tgt Ion: 91 Resp: 13005
 Ion Ratio Lower Upper
 91 100
 92 59.5 41.3 76.7

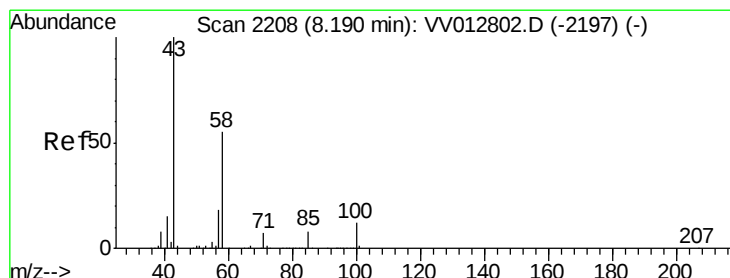
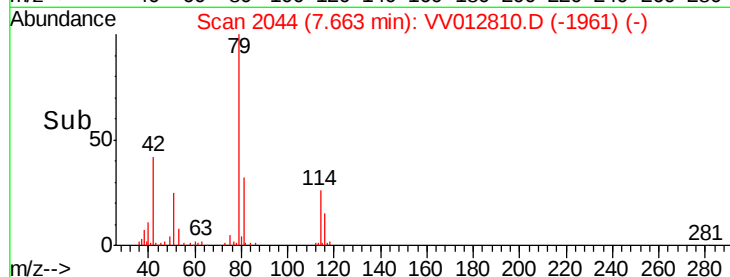
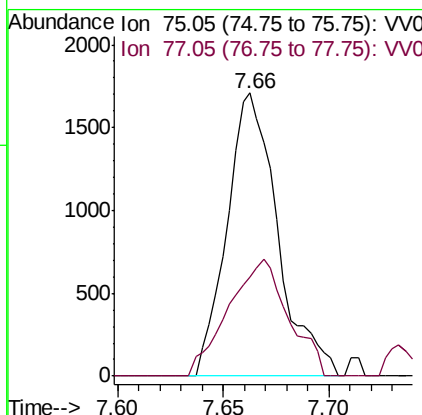
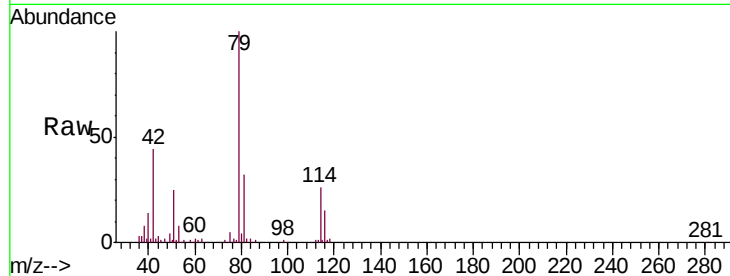




#44
 trans-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012810.D
 Acq: 15 Sep 2019 21:28

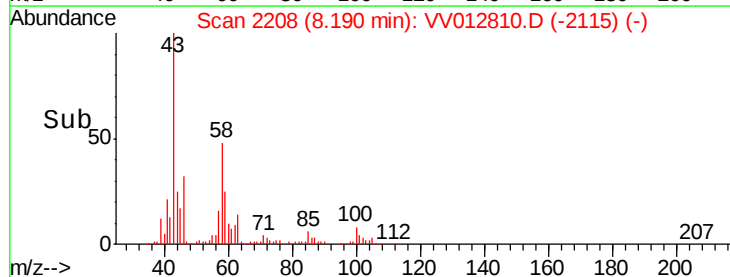
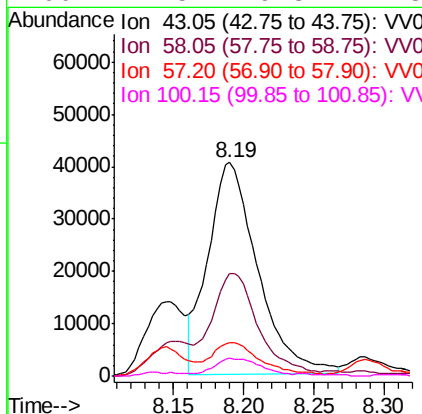
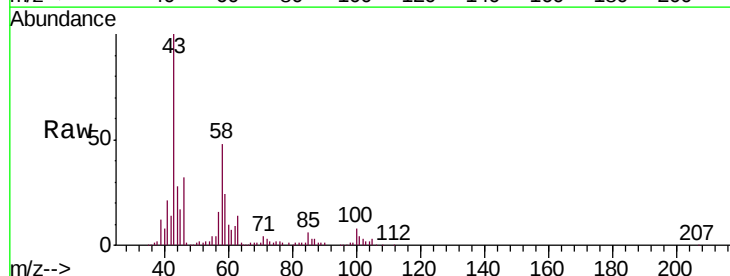
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 ClientSampleId :
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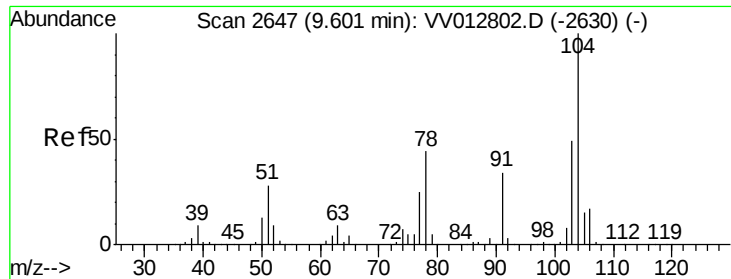
Tgt Ion: 75 Resp: 2856
 Ion Ratio Lower Upper
 75 100
 77 35.1 22.4 41.6



#48
 2-Hexanone
 Concen: 8.662 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VV012810.D
 Acq: 15 Sep 2019 21:28

Tgt Ion: 43 Resp: 99276
 Ion Ratio Lower Upper
 43 100
 58 42.9 44.8 67.2#
 57 15.4 14.9 22.3
 100 7.5 9.8 14.8#





#55

Styrene

Concen: 0.067 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV012810.D

Acq: 15 Sep 2019 21:28

Instrument :

MSVOA_V

ClientSampleId :

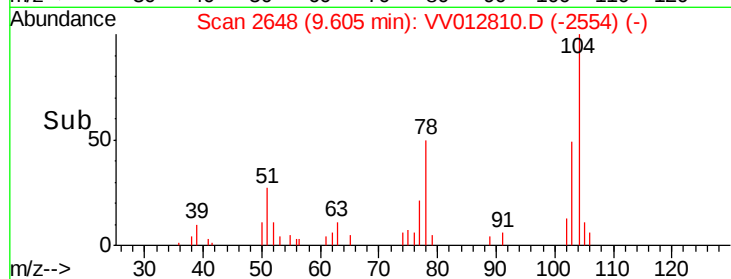
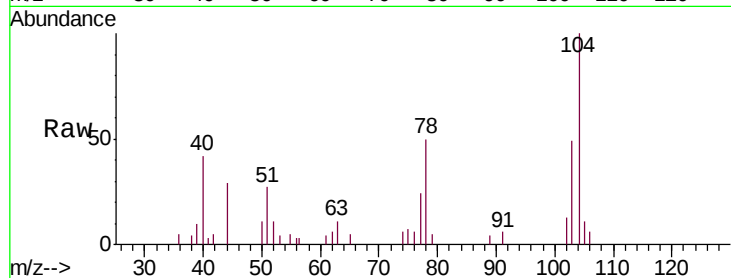
COMK0

Tgt Ion:104 Resp: 5199

Ion Ratio Lower Upper

104 100

78 50.4 30.2 56.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

