

Data File : VV009734.D
Acq On : 16 Mar 2019 17:39
Operator : SY/MD
Sample : VV0317MBL01
Misc : 5.0G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK74

Quant Time: Mar 18 07:45:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142926	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51151	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51117	53.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.08%
7) Chloroethane-d5	1.56	69	40253	56.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.24%
11) 1,1-Dichloroethene-d2	2.12	63	81369	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
21) 2-Butanone-d5	3.93	46	60611	105.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.59%
24) Chloroform-d	4.40	84	90153	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	5.08	65	57390	53.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.82%
32) Benzene-d6	5.10	84	190633	55.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.02%
36) 1,2-Dichloropropane-d6	6.12	67	58116	55.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.16%
41) Toluene-d8	7.36	98	183504	55.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.06%
43) trans-1,3-Dichloropropene-	7.67	79	25216	50.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.08%
47) 2-Hexanone-d5	8.13	63	43350	100.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.95%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	81299	50.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.58%
64) 1,2-Dichlorobenzene-d4	11.68	152	59980	57.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.90%

Target Compounds

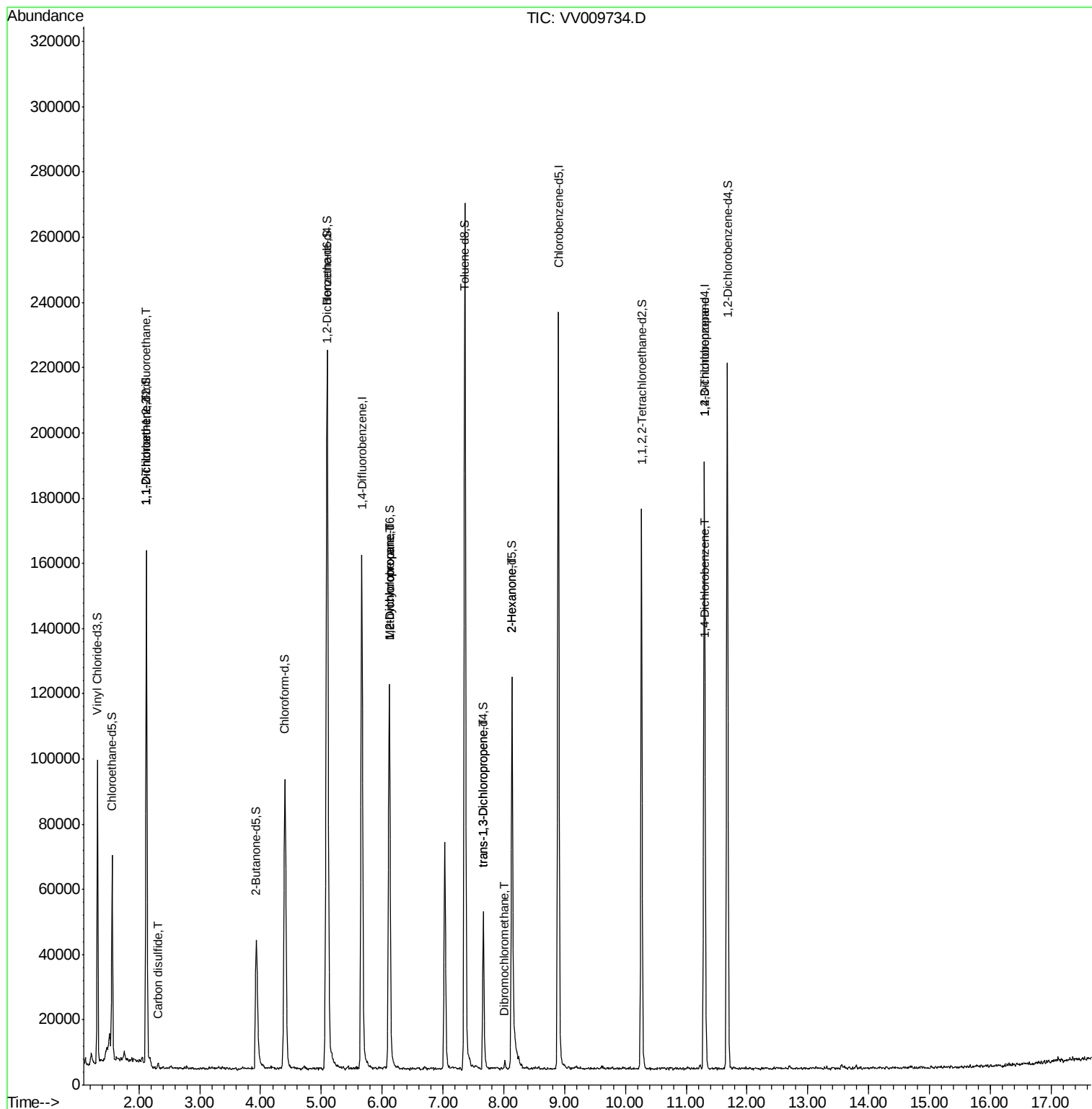
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	880	0.895	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	687	0.806	ug/L #	1
14) Carbon disulfide	2.31	76	1535	0.618	ug/L #	87
35) Methylcyclohexane	6.12	83	14263	9.186	ug/L #	22
37) 1,2-Dichloropropane	6.12	63	6139	6.650	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	709	0.531	ug/L #	72
48) 2-Hexanone	8.14	43	5337	5.915	ug/L #	68
49) Dibromochloromethane	8.02	129	445	0.434	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7275	5.990	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	809	0.478	ug/L #	79

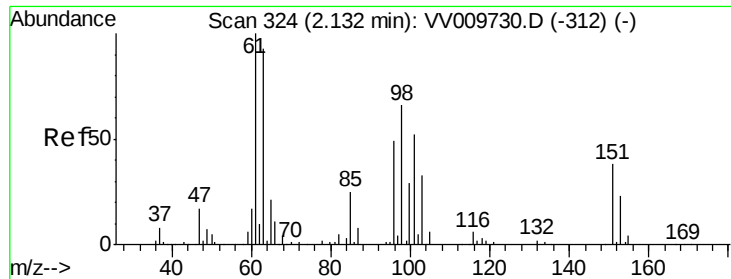
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.895 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV009734.D

Acq: 16 Mar 2019 17:39

Instrument :

MSVOA_V

ClientSampleId :

VBLK74

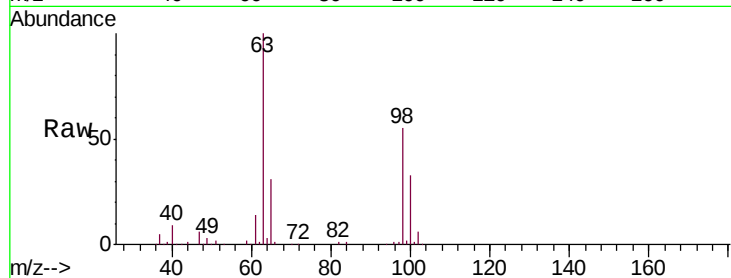
Tgt Ion: 101 Resp: 880

Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

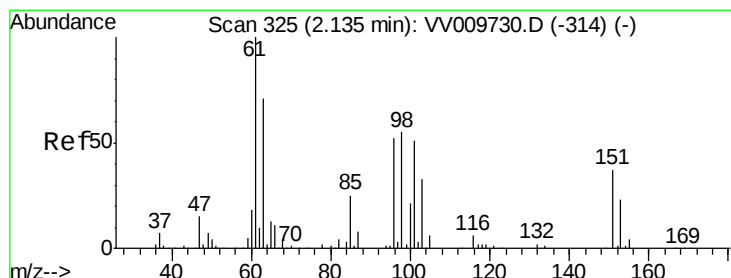
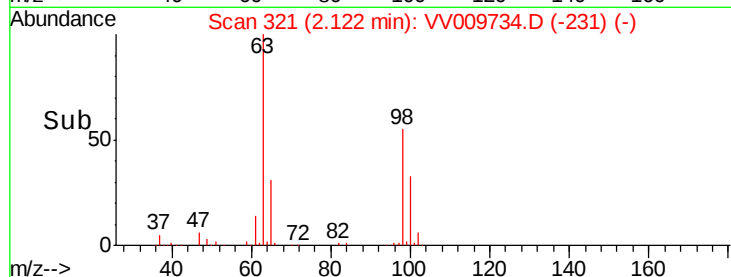
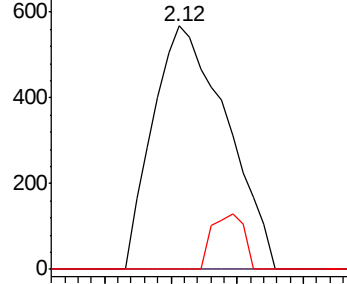
151 9.9 58.9 88.3#



Abundance Ion 101.00 (100.70 to 101.70): VV009734.D (-321) (-)

Ion 85.00 (84.70 to 85.70): VV009734.D (-321) (-)

Ion 151.00 (150.70 to 151.70): VV009734.D (-321) (-)



#12

1,1-Dichloroethene

Concen: 0.806 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009734.D

Acq: 16 Mar 2019 17:39

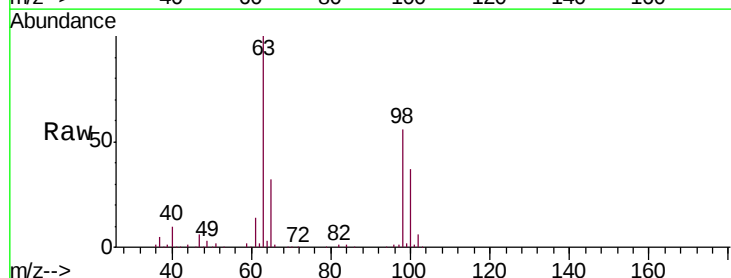
Tgt Ion: 96 Resp: 687

Ion Ratio Lower Upper

96 100

61 1311.8 135.5 251.7#

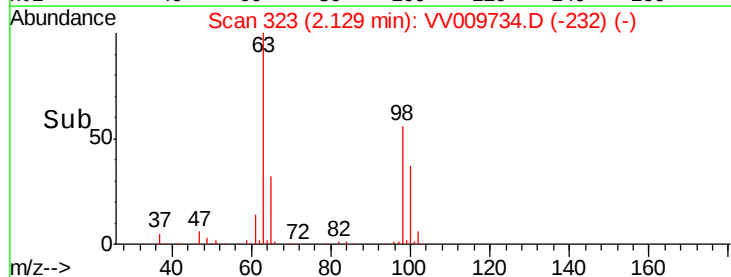
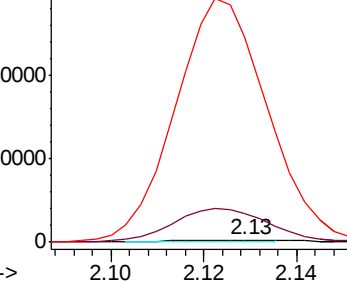
63 9337.9 100.2 186.2#

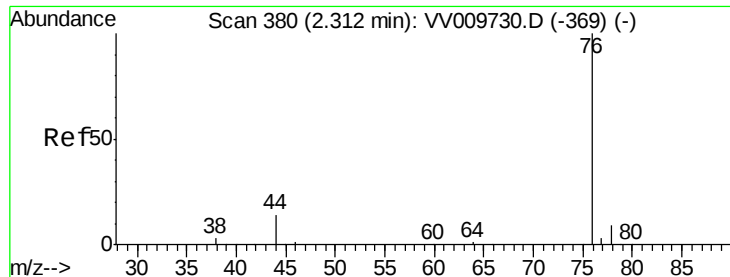


Abundance Ion 96.00 (95.70 to 96.70): VV009734.D (-232) (-)

Ion 61.00 (60.70 to 61.70): VV009734.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV009734.D (-232) (-)





#14

Carbon disulfide

Concen: 0.618 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV009734.D

Acq: 16 Mar 2019 17:39

Instrument :

MSVOA_V

ClientSampleId :

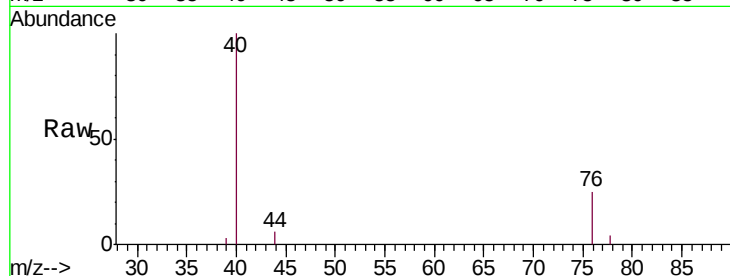
VBLK74

Tgt Ion: 76 Resp: 1535

Ion Ratio Lower Upper

76 100

78 14.0 7.4 11.2#



Abundance Ion 76.00 (75.70 to 76.70): VV009730.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV009730.D (-369) (-)

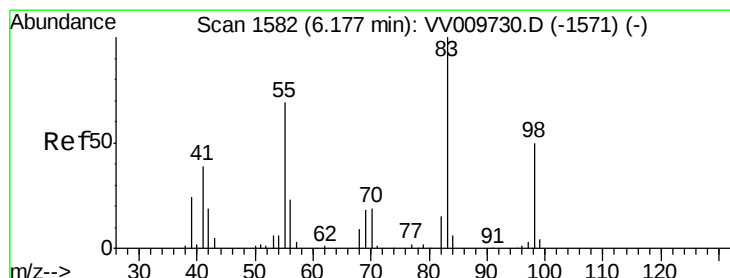
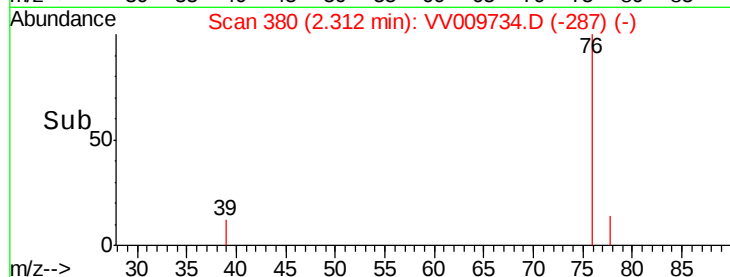
2.31

1000

500

0

Time-->



#35

Methylcyclohexane

Concen: 9.186 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV009734.D

Acq: 16 Mar 2019 17:39

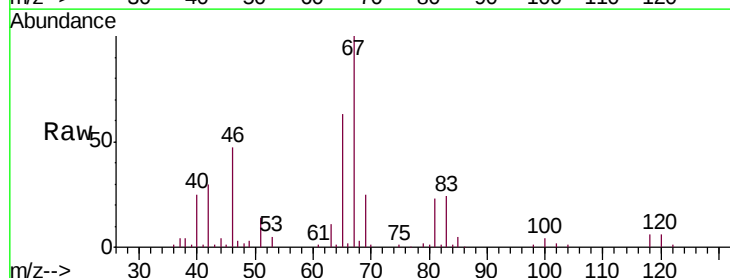
Tgt Ion: 83 Resp: 14263

Ion Ratio Lower Upper

83 100

55 0.0 54.2 81.4#

98 0.9 38.4 57.6#



Abundance Ion 83.00 (82.70 to 83.70): VV009734.D (-1489) (-)

Ion 55.00 (54.70 to 55.70): VV009734.D (-1489) (-)

Ion 98.00 (97.70 to 98.70): VV009734.D (-1489) (-)

6.12

8000

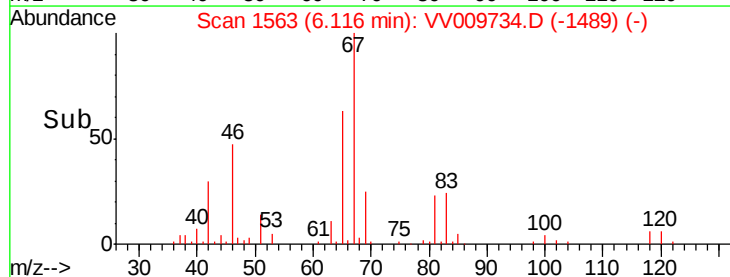
6000

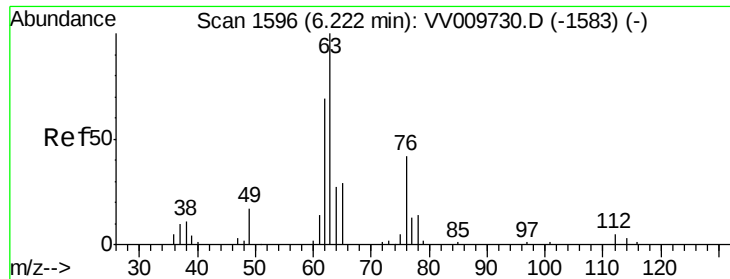
4000

2000

0

Time-->

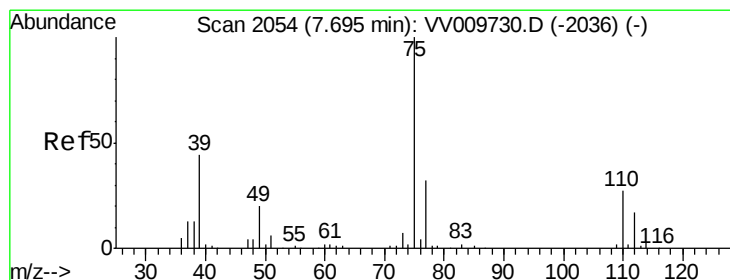
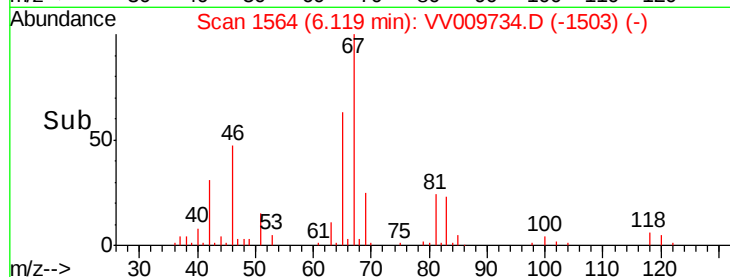
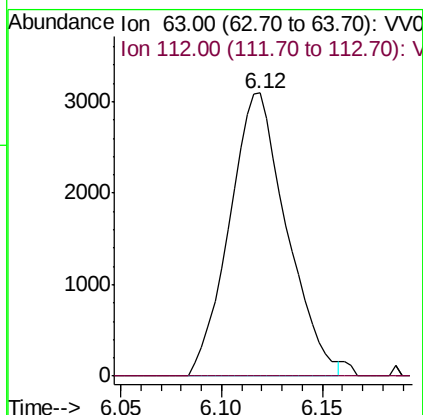
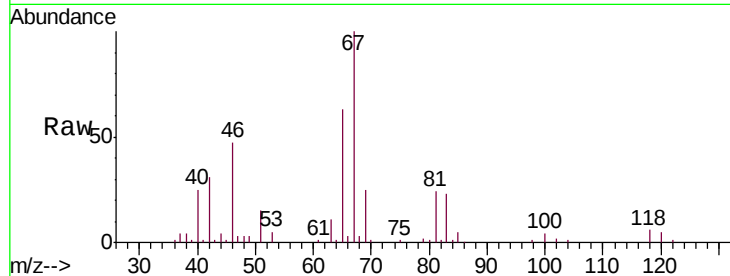




#37
 1,2-Dichloropropane
 Concen: 6.650 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009734.D
 Acq: 16 Mar 2019 17:39

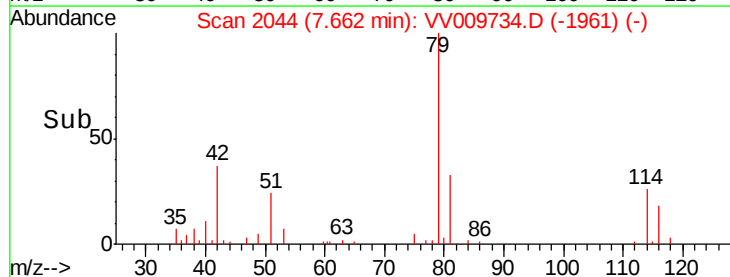
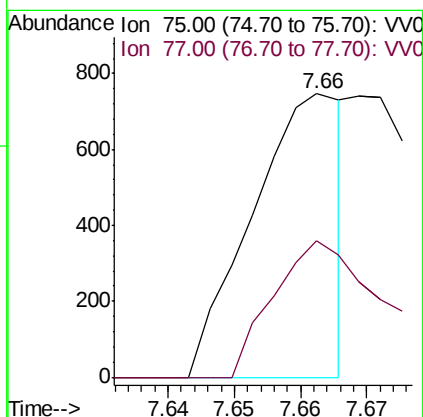
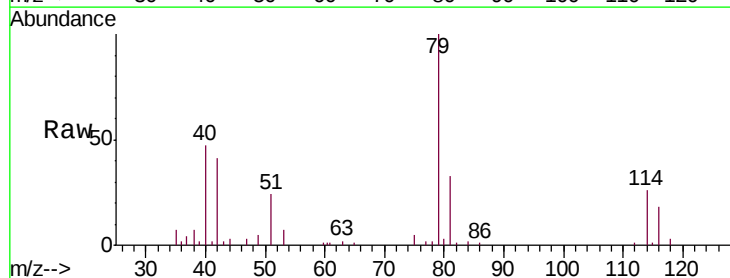
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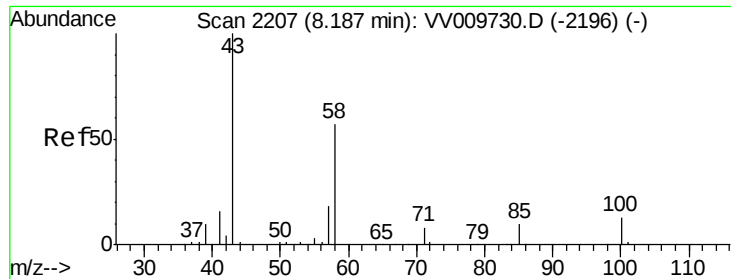
Tgt Ion: 63 Resp: 6139
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.531 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009734.D
 Acq: 16 Mar 2019 17:39

Tgt Ion: 75 Resp: 709
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.5 41.7#

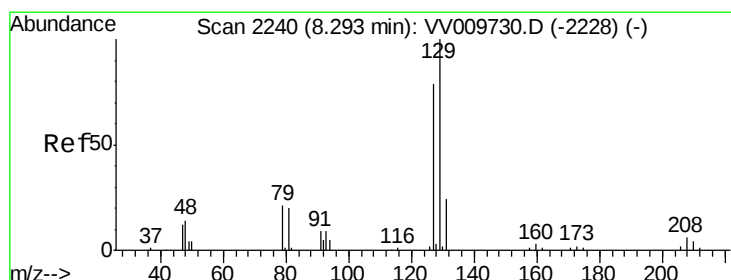
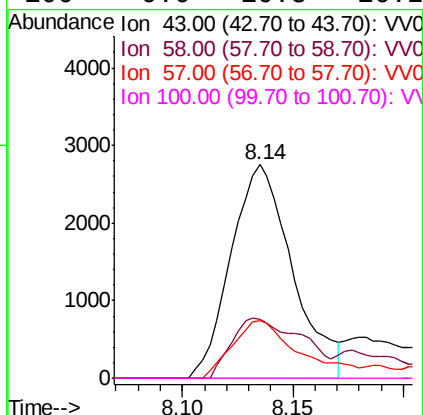
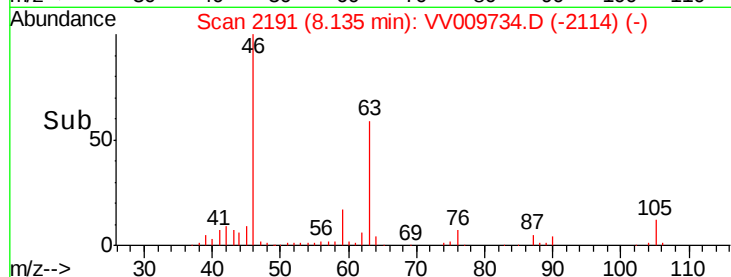
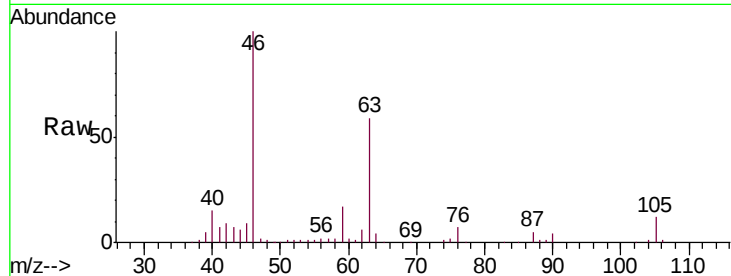




#48
2-Hexanone
Concen: 5.915 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV009734.D
Acq: 16 Mar 2019 17:39

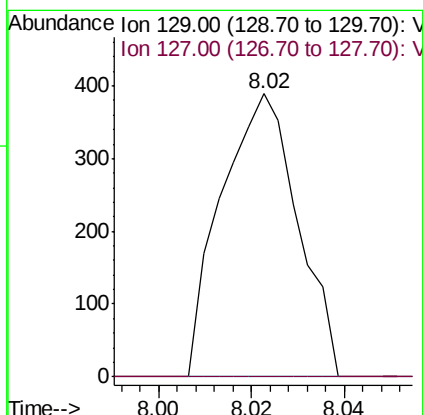
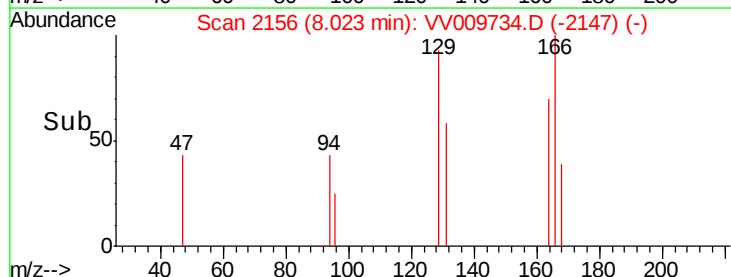
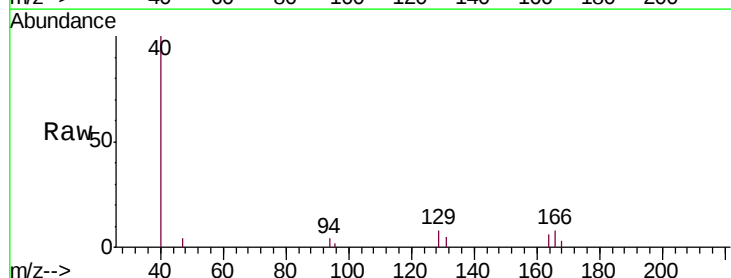
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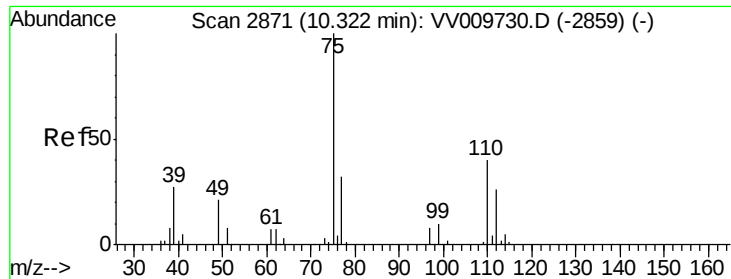
Tgt Ion:	43	Resp:	5337
Ion	Ratio	Lower	Upper
43	100		
58	32.4	46.0	69.0#
57	29.5	14.8	22.2#
100	0.0	10.8	16.2#



#49
Dibromochloromethane
Concen: 0.434 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV009734.D
Acq: 16 Mar 2019 17:39

Tgt Ion:	129	Resp:	445
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#

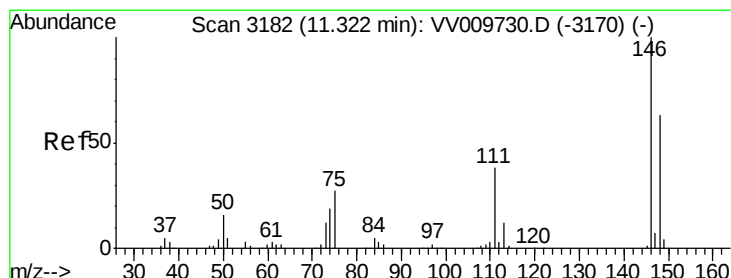
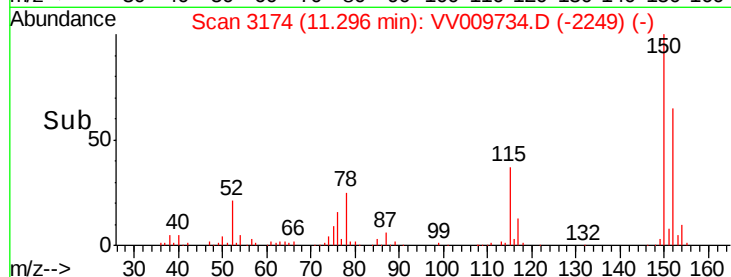
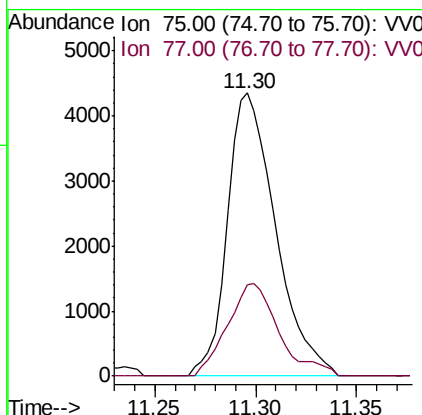
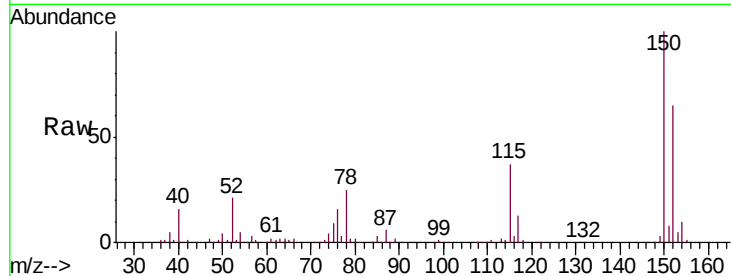




#59
 1,2,3-Trichloropropane
 Concen: 5.990 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009734.D
 Acq: 16 Mar 2019 17:39

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 MSVOA_V
 ClientSampleId :
 VBLK74

Tgt Ion: 75 Resp: 7275
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.2 39.4



#63
 1,4-Dichlorobenzene
 Concen: 0.478 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: VV009734.D
 Acq: 16 Mar 2019 17:39

Tgt Ion: 146 Resp: 809
 Ion Ratio Lower Upper
 146 100
 111 67.3 26.7 49.5#
 148 60.0 44.3 82.3

