

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050318\
 Data File : VV005757.D
 Acq On : 03 May 2018 12:40
 Operator : SY/MD
 Sample : J2594-11
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:34:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR043018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 01:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	239473	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94789	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49216	3.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.80%
7) Chloroethane-d5	1.58	69	50070	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.13	63	85414	2.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.40%#
20) 2-Butanone-d5	3.96	46	166472	52.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.40%
24) Chloroform-d	4.41	84	123482	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.09	65	74217	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.11	84	208852	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.60%#
36) 1,2-Dichloropropane-d6	6.13	67	72387	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	7.37	98	173996	3.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.80%#
43) trans-1,3-Dichloropropene-	7.67	79	23654	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.14	63	114444	47.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	55621	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	69050	4.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.60%

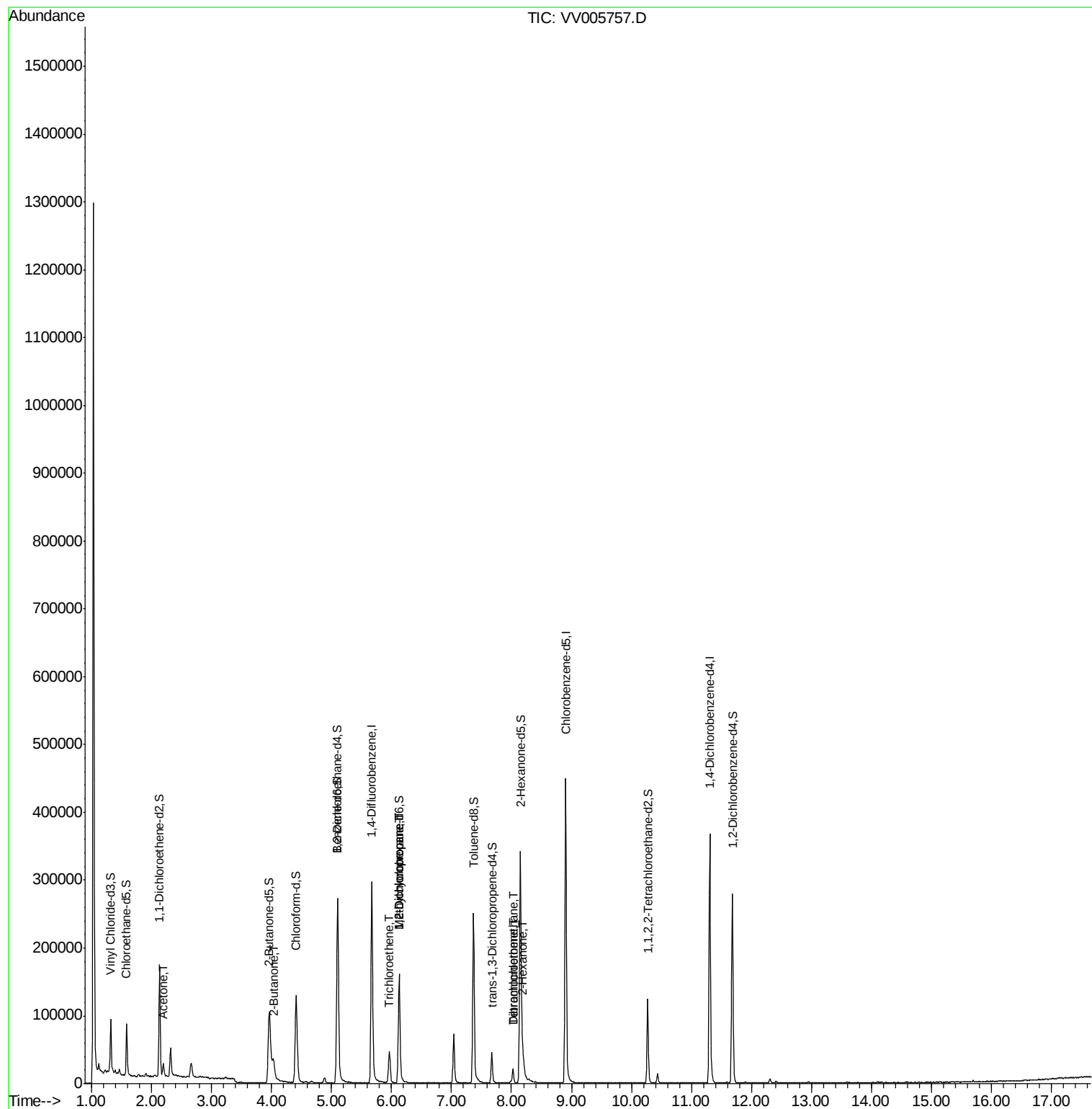
Target Compounds

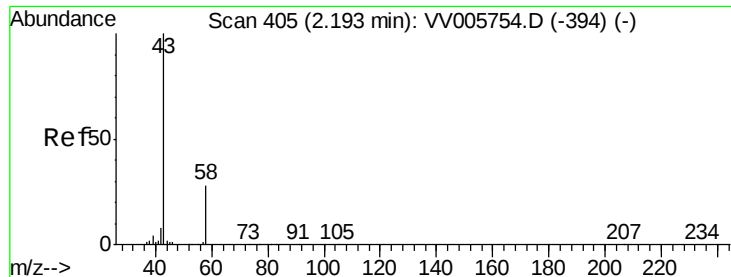
						Qvalue
13) Acetone	2.20	43	16854	6.81	ug/L	96
21) 2-Butanone	4.04	43	2418	0.70	ug/L	80
34) Trichloroethene	5.96	95	14038	0.70	ug/L	97
35) Methylcyclohexane	6.13	83	18669	0.63	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9624	0.53	ug/L #	88
47) Tetrachloroethene	8.03	164	3860	0.27	ug/L	95
48) 2-Hexanone	8.19	43	10071	1.59	ug/L #	95
49) Dibromochloromethane	8.03	129	4280	0.31	ug/L #	9

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

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#13

Acetone

Concen: 6.81 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV005757.D

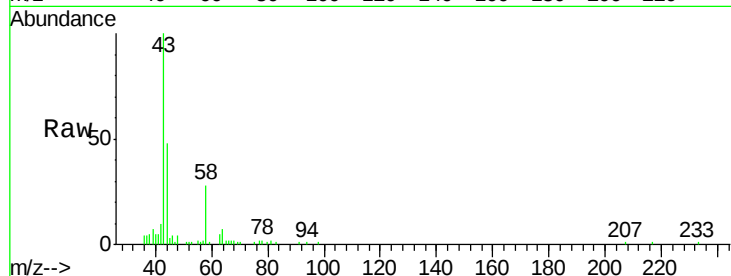
Acq: 03 May 2018 12:40

Tgt Ion: 43 Resp: 16854

Ion Ratio Lower Upper

43 100

58 31.3 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV005757.D (-312) (-)

Ion 58.05 (57.75 to 58.75): VV005757.D (-312) (-)

2.20

12000

10000

8000

6000

4000

2000

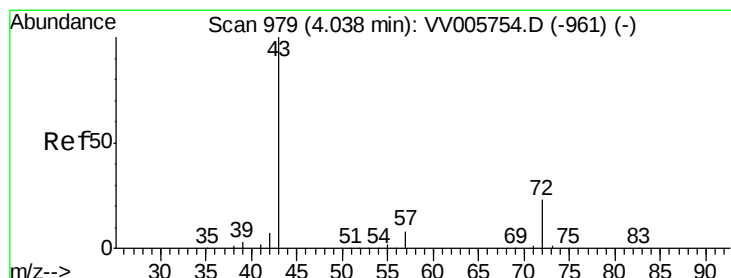
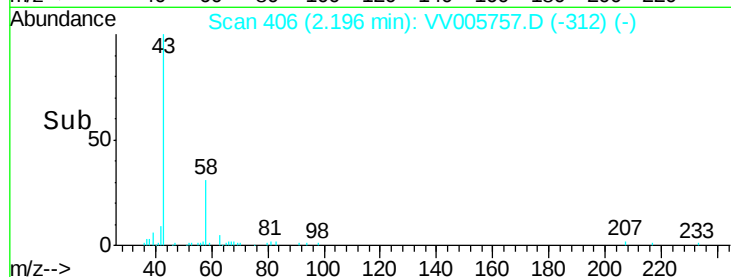
0

Time-->

2.15

2.20

2.25



#21

2-Butanone

Concen: 0.70 ug/L

RT: 4.04 min Scan# 981

Delta R.T. 0.01 min

Lab File: VV005757.D

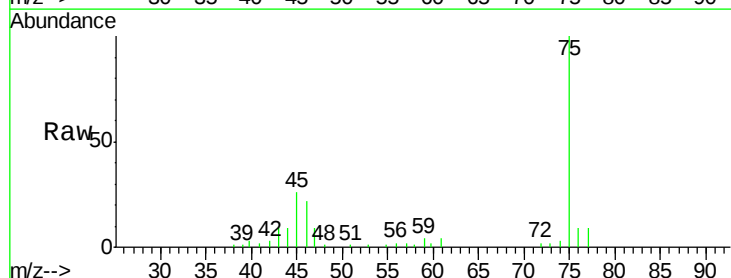
Acq: 03 May 2018 12:40

Tgt Ion: 43 Resp: 2418

Ion Ratio Lower Upper

43 100

72 14.8 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV005757.D (-886) (-)

Ion 72.10 (71.80 to 72.80): VV005757.D (-886) (-)

4.04

1500

1000

500

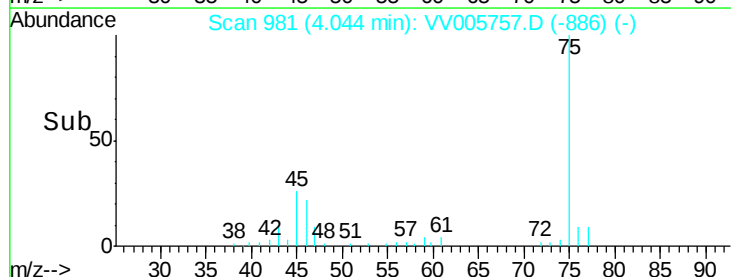
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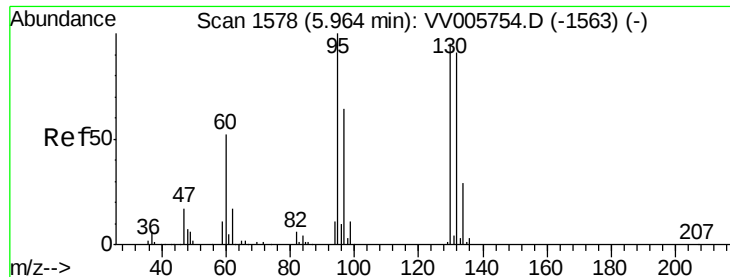
Time-->

4.00

4.05

4.10





#34

Trichloroethene

Concen: 0.70 ug/L

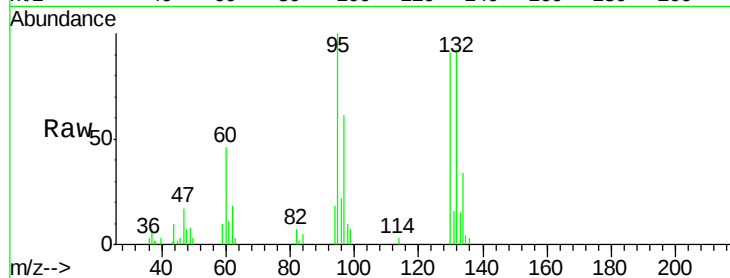
RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV005757.D

Acq: 03 May 2018 12:40

Tgt Ion:	95	Resp:	14038
Ion	Ratio	Lower	Upper
95	100		
97	60.6	44.4	82.4
132	91.6	65.2	121.2
130	90.8	65.7	122.1

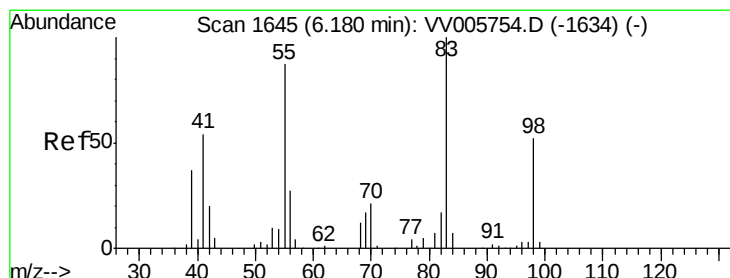
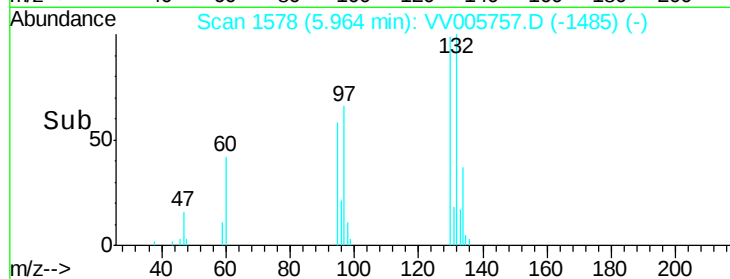
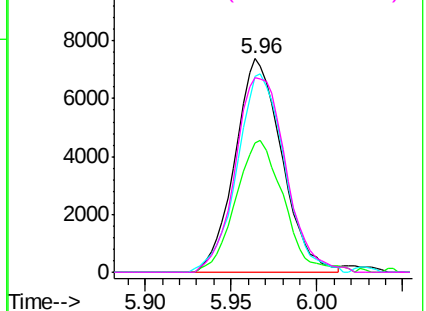


Abundance Ion 95.00 (94.70 to 95.70): VV005757.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV005757.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV005757.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV005757.D (-1485) (-)



#35

Methylcyclohexane

Concen: 0.63 ug/L

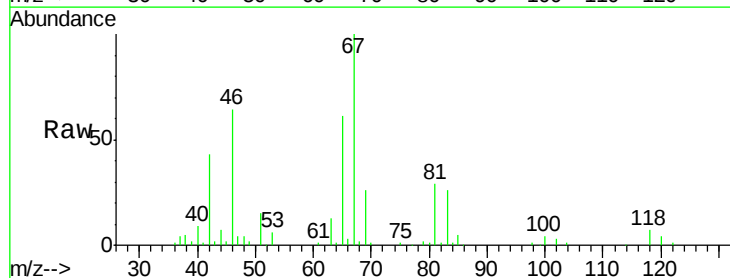
RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV005757.D

Acq: 03 May 2018 12:40

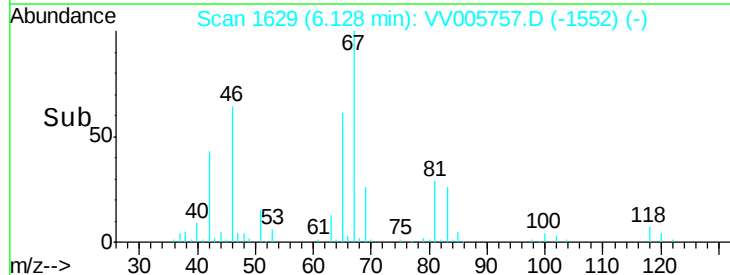
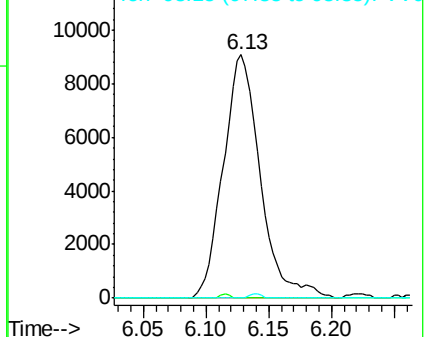
Tgt Ion:	83	Resp:	18669
Ion	Ratio	Lower	Upper
83	100		
55	0.4	63.4	95.0#
98	0.5	37.1	55.7#

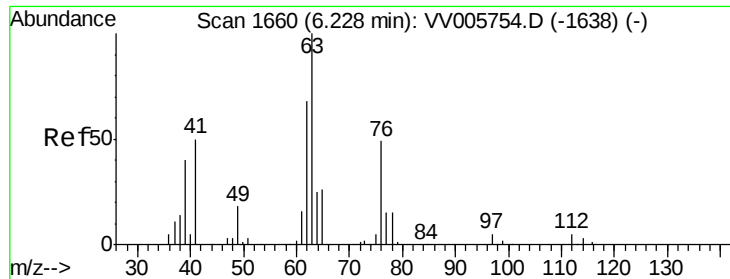


Abundance Ion 83.15 (82.85 to 83.85): VV005757.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV005757.D (-1552) (-)

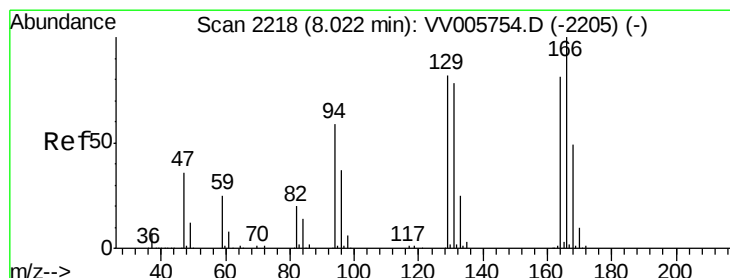
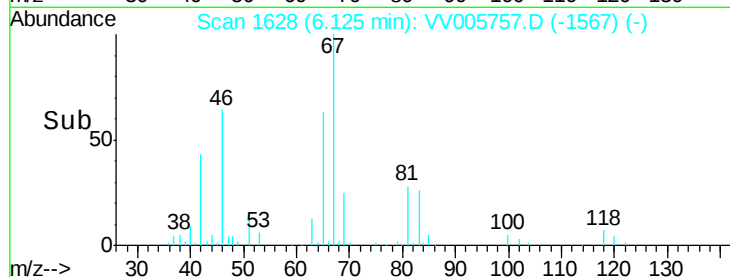
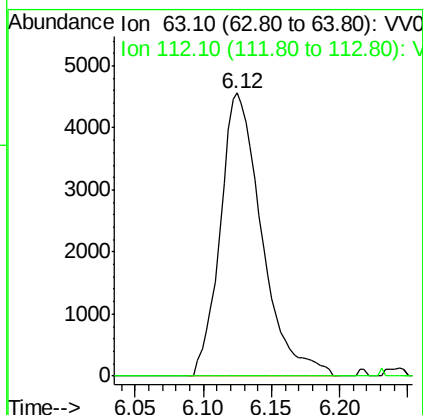
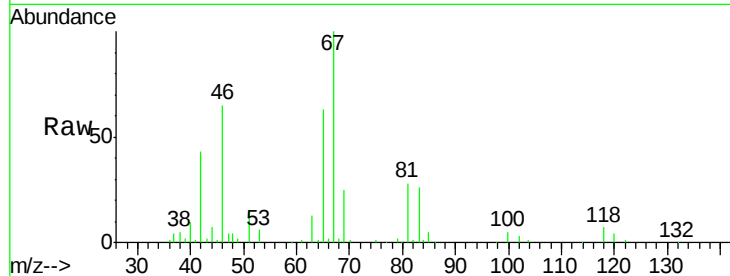
Ion 98.15 (97.85 to 98.85): VV005757.D (-1552) (-)





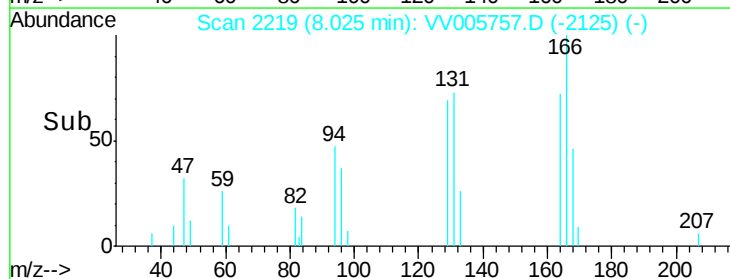
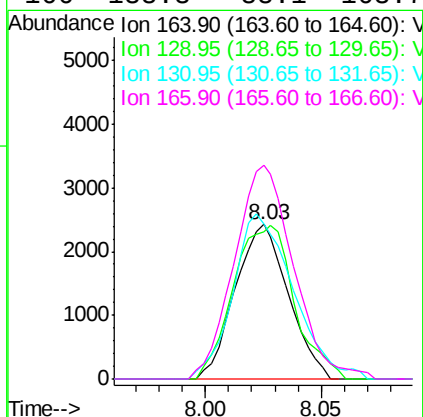
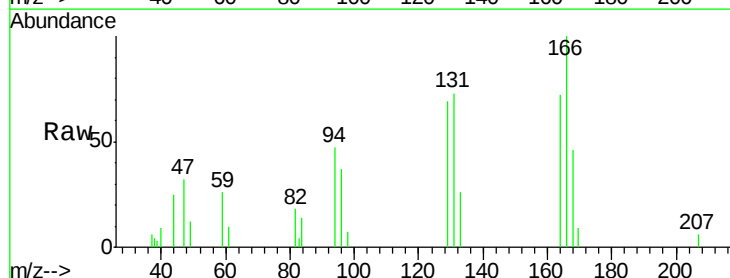
#37
 1,2-Dichloropropane
 Concen: 0.53 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV005757.D
 Acq: 03 May 2018 12:40

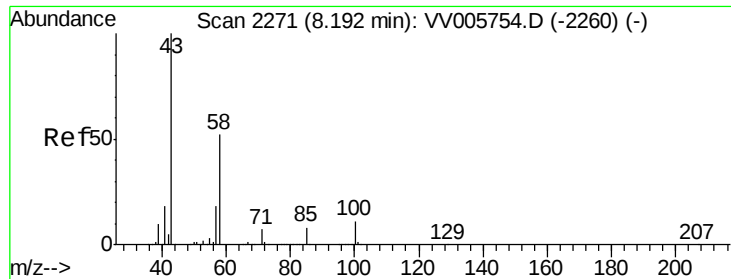
Tgt Ion: 63 Resp: 9624
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.0#



#47
 Tetrachloroethene
 Concen: 0.27 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV005757.D
 Acq: 03 May 2018 12:40

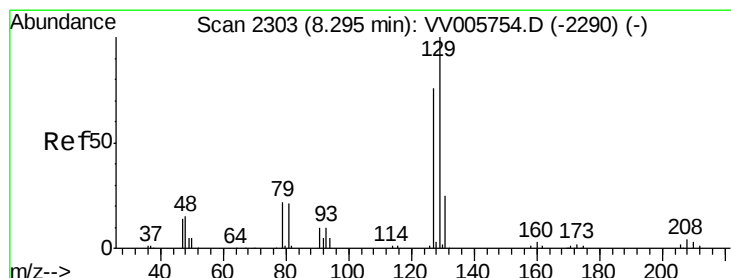
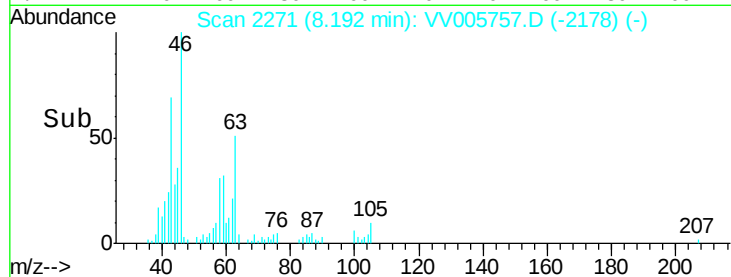
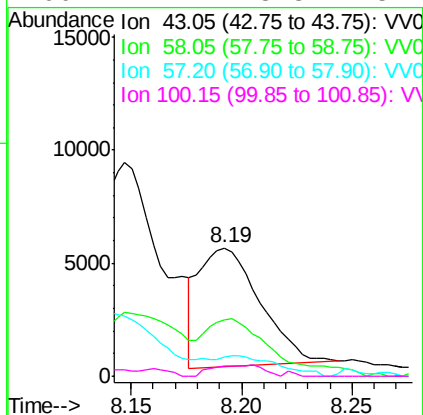
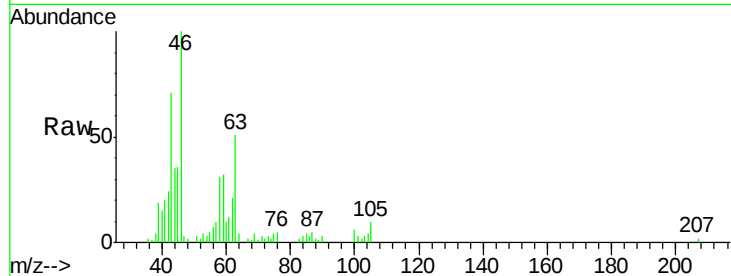
Tgt Ion: 164 Resp: 3860
 Ion Ratio Lower Upper
 164 100
 129 95.5 67.3 124.9
 131 100.5 71.0 131.8
 166 138.3 88.1 163.7





#48
 2-Hexanone
 Concen: 1.59 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV005757.D
 Acq: 03 May 2018 12:40

Tgt Ion:	43	Resp:	10071
Ion	Ratio	Lower	Upper
43	100		
58	52.9	40.2	60.2
57	15.3	14.7	22.1
100	7.7	8.8	13.2#



#49
 Dibromochloromethane
 Concen: 0.31 ug/L
 RT: 8.03 min Scan# 2220
 Delta R.T. -0.27 min
 Lab File: VV005757.D
 Acq: 03 May 2018 12:40

Tgt Ion:	129	Resp:	4280
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#

