

Data File : VV009455.D
Acq On : 01 Mar 2019 14:58
Operator : SY/MD
Sample : K1588-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 02 00:11:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	99244	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94395	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21715	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	21138	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	42070	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.97	46	47472	48.29	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.41	84	43528	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.09	65	22693	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.10	84	90950	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	28544	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	93619	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	10665	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	41275	47.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20702	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	32620	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

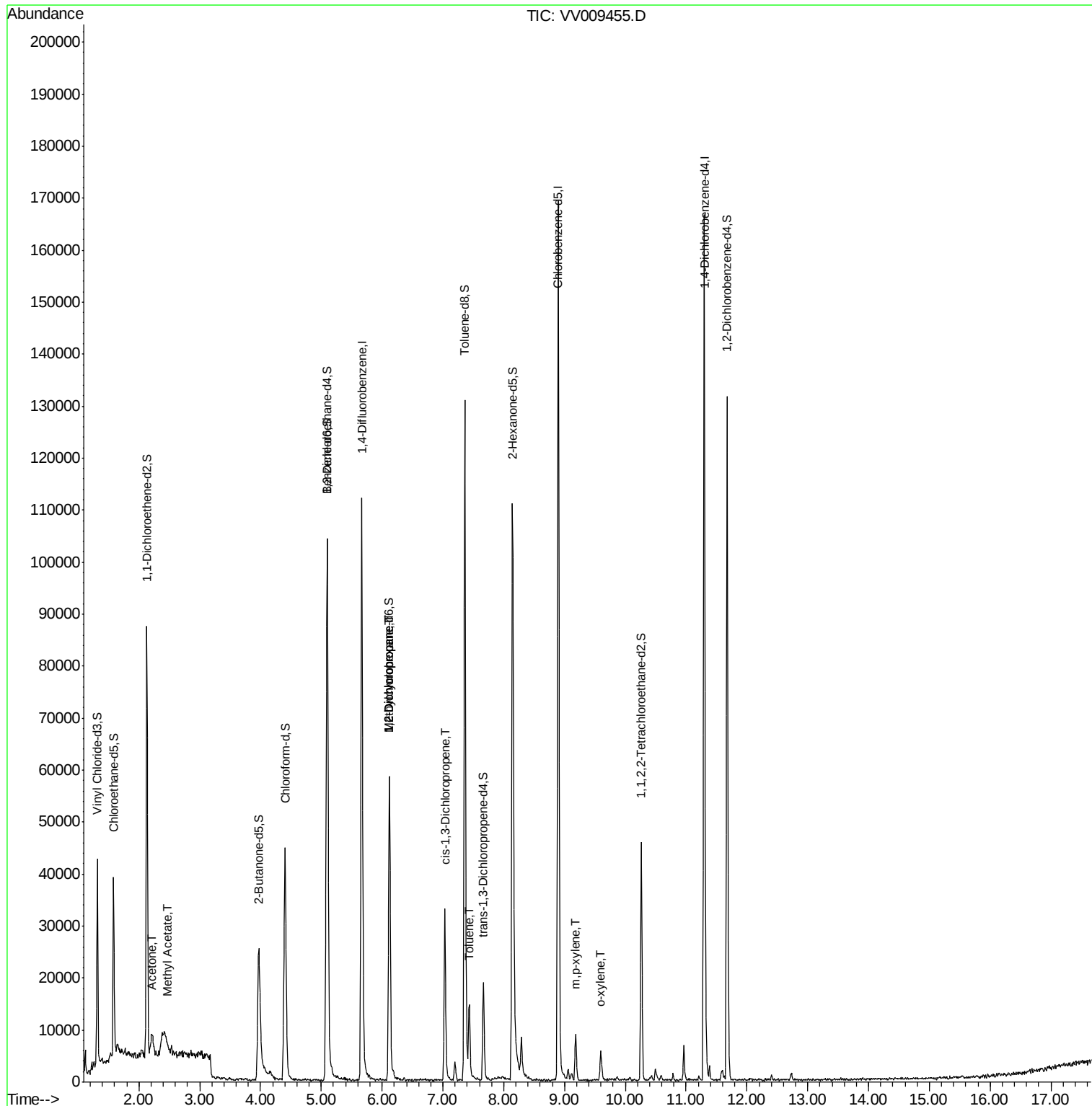
Target Compounds

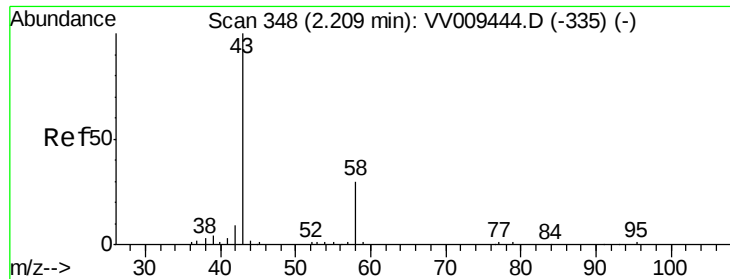
					Qvalue
13) Acetone	2.22	43	5929	6.349 ug/L	85
15) Methyl Acetate	2.47	43	865	0.355 ug/L #	49
35) Methylcyclohexane	6.12	83	6583	0.579 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	2931	0.488 ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	948	0.100 ug/L #	35
42) Toluene	7.43	91	10546	0.377 ug/L	96
53) m,p-xylene	9.18	106	2897	0.232 ug/L	98
54) o-xylene	9.59	106	1147	0.094 ug/L	89

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

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#13

Acetone

Concen: 6.349 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

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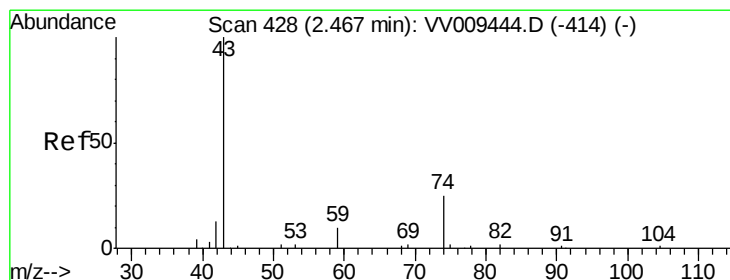
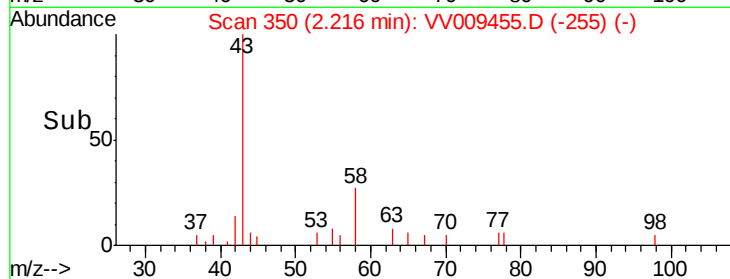
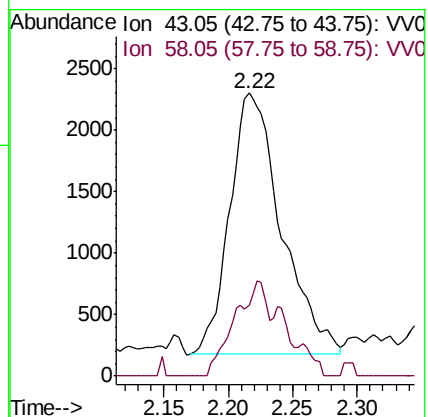
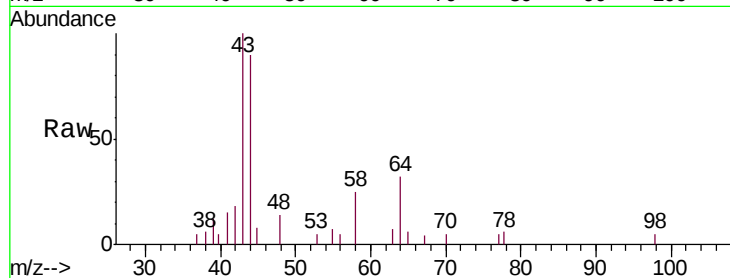
Acq: 01 Mar 2019 14:58

Tgt Ion: 43 Resp: 5929

Ion Ratio Lower Upper

43 100

58 22.9 0.0 62.0



#15

Methyl Acetate

Concen: 0.355 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VV009455.D

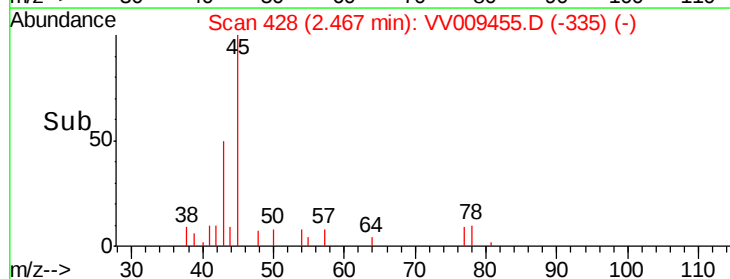
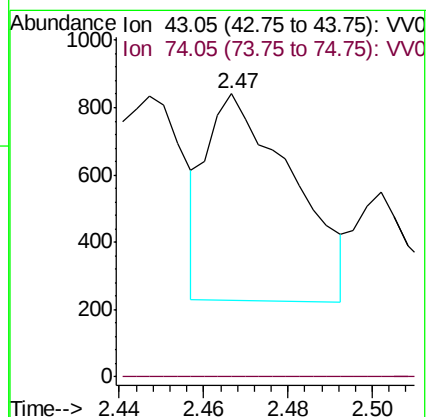
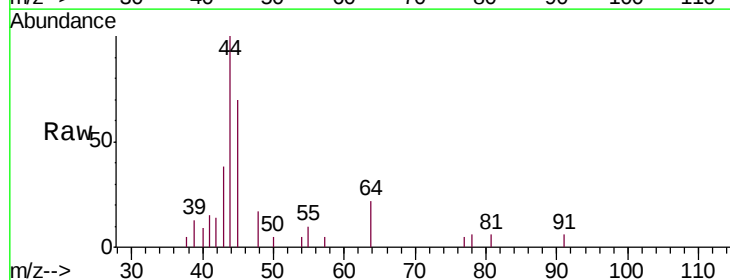
Acq: 01 Mar 2019 14:58

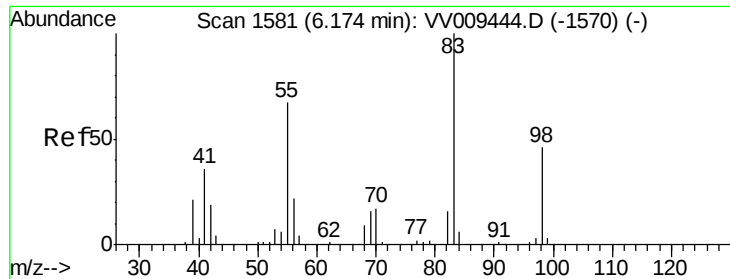
Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

43 100

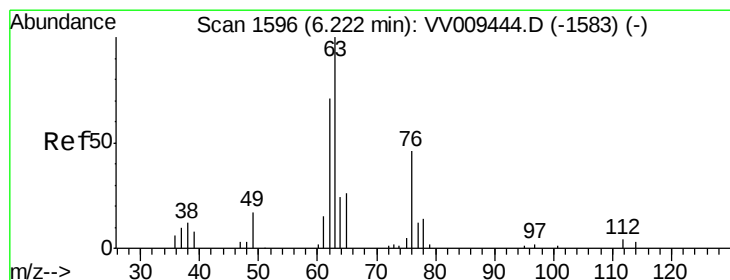
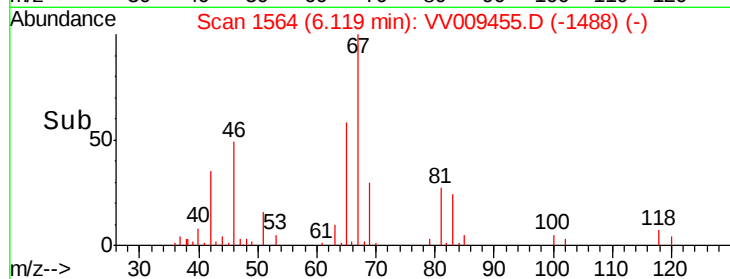
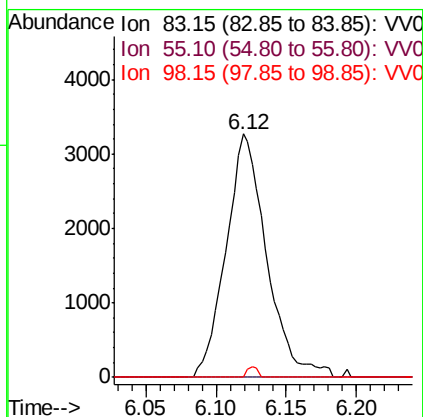
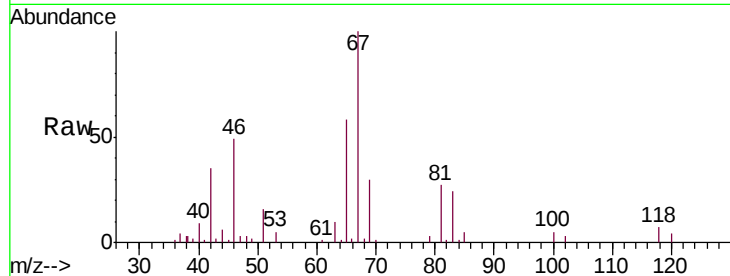
74 0.0 20.6 30.8#





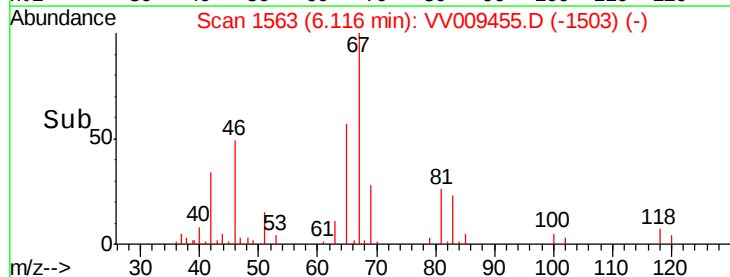
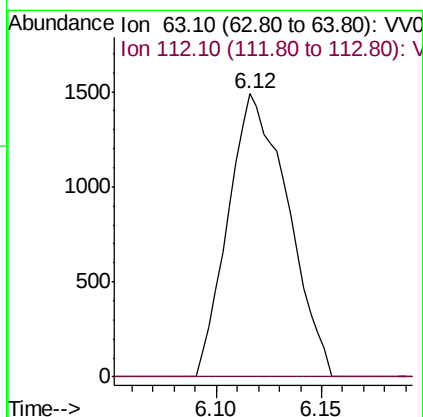
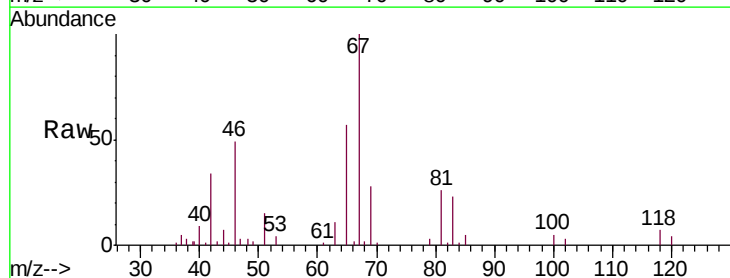
#35
Methylcyclohexane
Concen: 0.579 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
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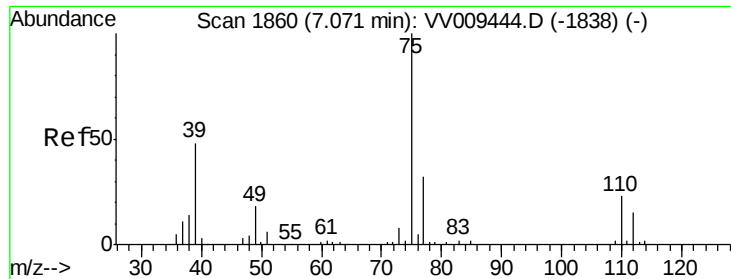
Tgt Ion: 83 Resp: 6583
Ion Ratio Lower Upper
83 100
55 0.6 59.8 89.8#
98 1.1 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009455.D
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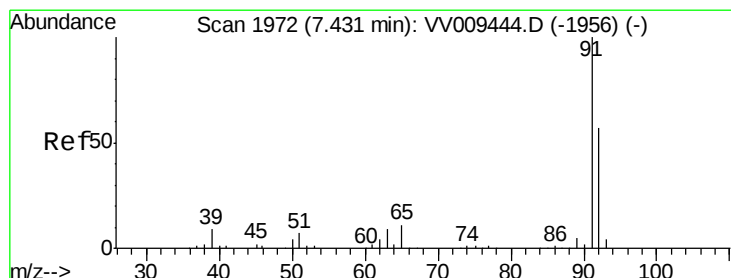
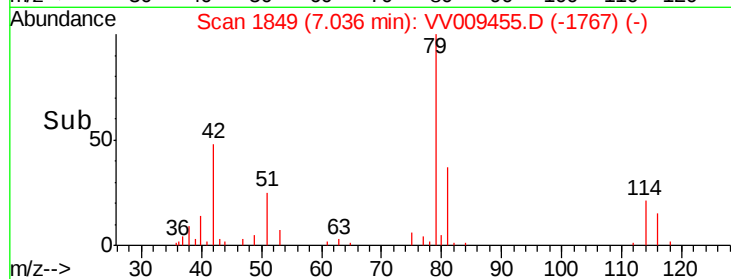
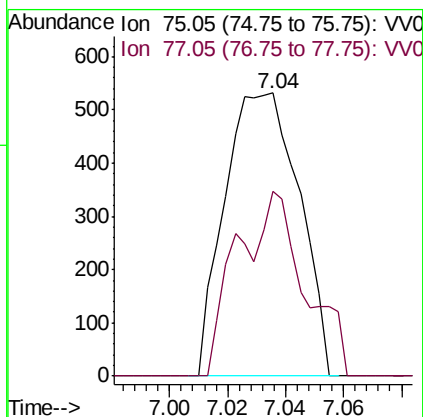
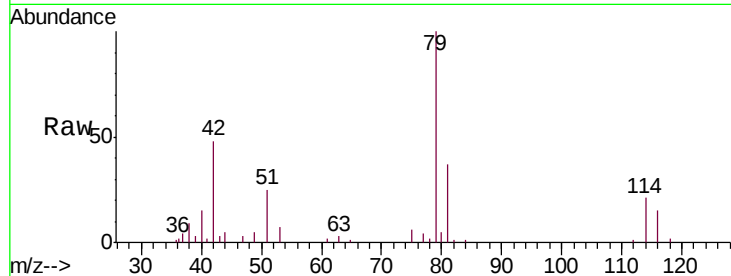
Tgt Ion: 63 Resp: 2931
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





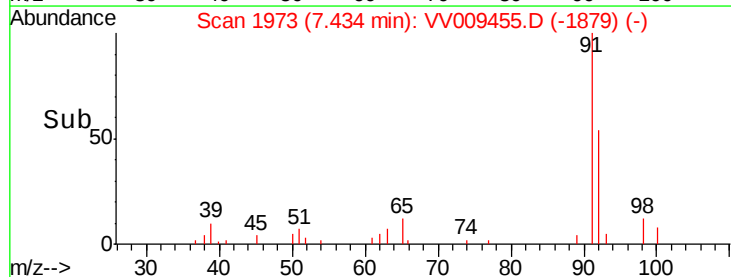
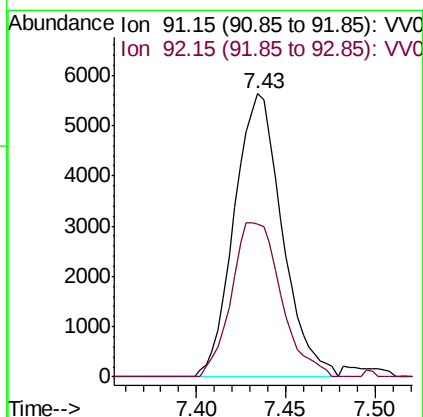
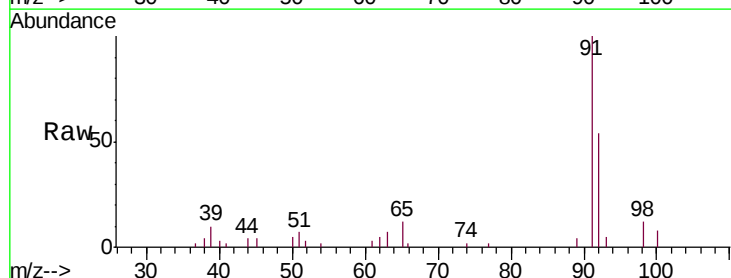
#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009455.D
 Acq: 01 Mar 2019 14:58

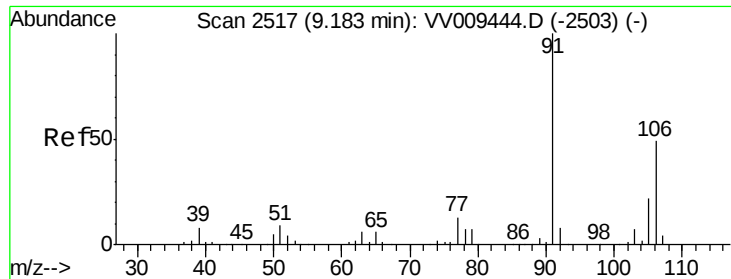
Tgt Ion: 75 Resp: 948
 Ion Ratio Lower Upper
 75 100
 77 65.4 21.1 39.1#



#42
 Toluene
 Concen: 0.377 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV009455.D
 Acq: 01 Mar 2019 14:58

Tgt Ion: 91 Resp: 10546
 Ion Ratio Lower Upper
 91 100
 92 53.9 39.8 73.8





#53

m,p-xylene

Concen: 0.232 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV009455.D

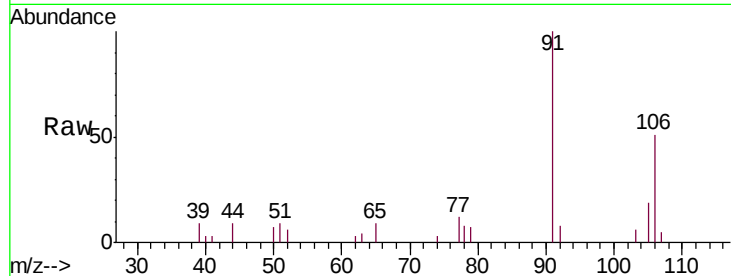
Acq: 01 Mar 2019 14:58

Tgt Ion:106 Resp: 2897

Ion Ratio Lower Upper

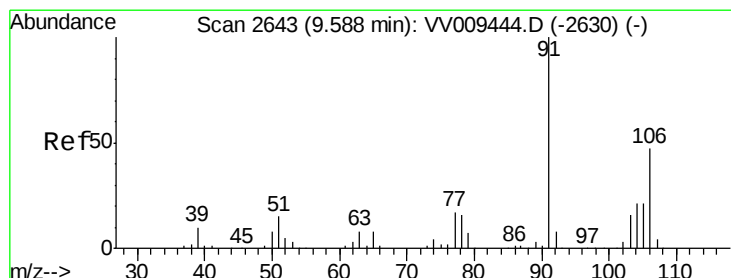
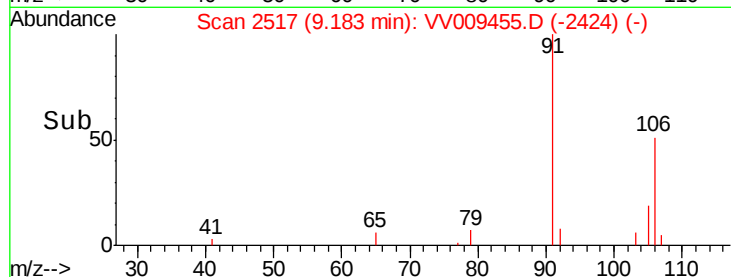
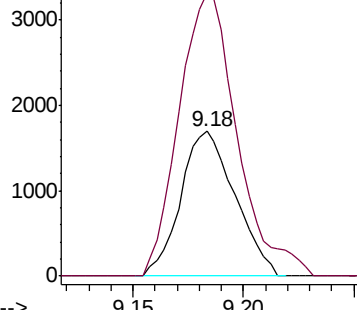
106 100

91 195.7 138.9 258.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.094 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV009455.D

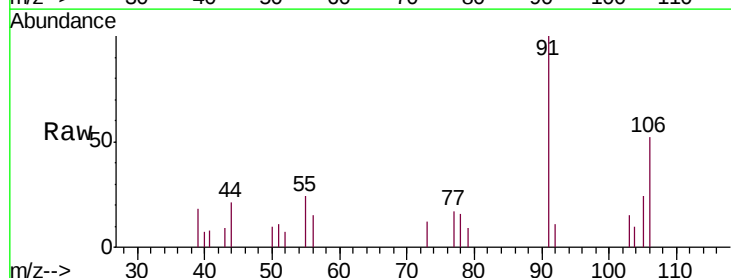
Acq: 01 Mar 2019 14:58

Tgt Ion:106 Resp: 1147

Ion Ratio Lower Upper

106 100

91 192.5 146.3 271.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

