

Data File : VV007649.D
Acq On : 20 Sep 2018 12:13
Operator : SY/MD
Sample : J4900-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3Z73

Quant Time: Sep 21 01:38:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	131562	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66053	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19162	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.59	69	19428	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.13	63	35836	2.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.00%#
20) 2-Butanone-d5	3.96	46	50110	36.33	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.66%
24) Chloroform-d	4.41	84	47691	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
26) 1,2-Dichloroethane-d4	5.09	65	23385	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
32) Benzene-d6	5.10	84	91636	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.12	67	26693	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.00%
41) Toluene-d8	7.36	98	92255	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.67	79	10003	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.14	63	35345	32.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20403	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	41794	3.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.60%#

Target Compounds

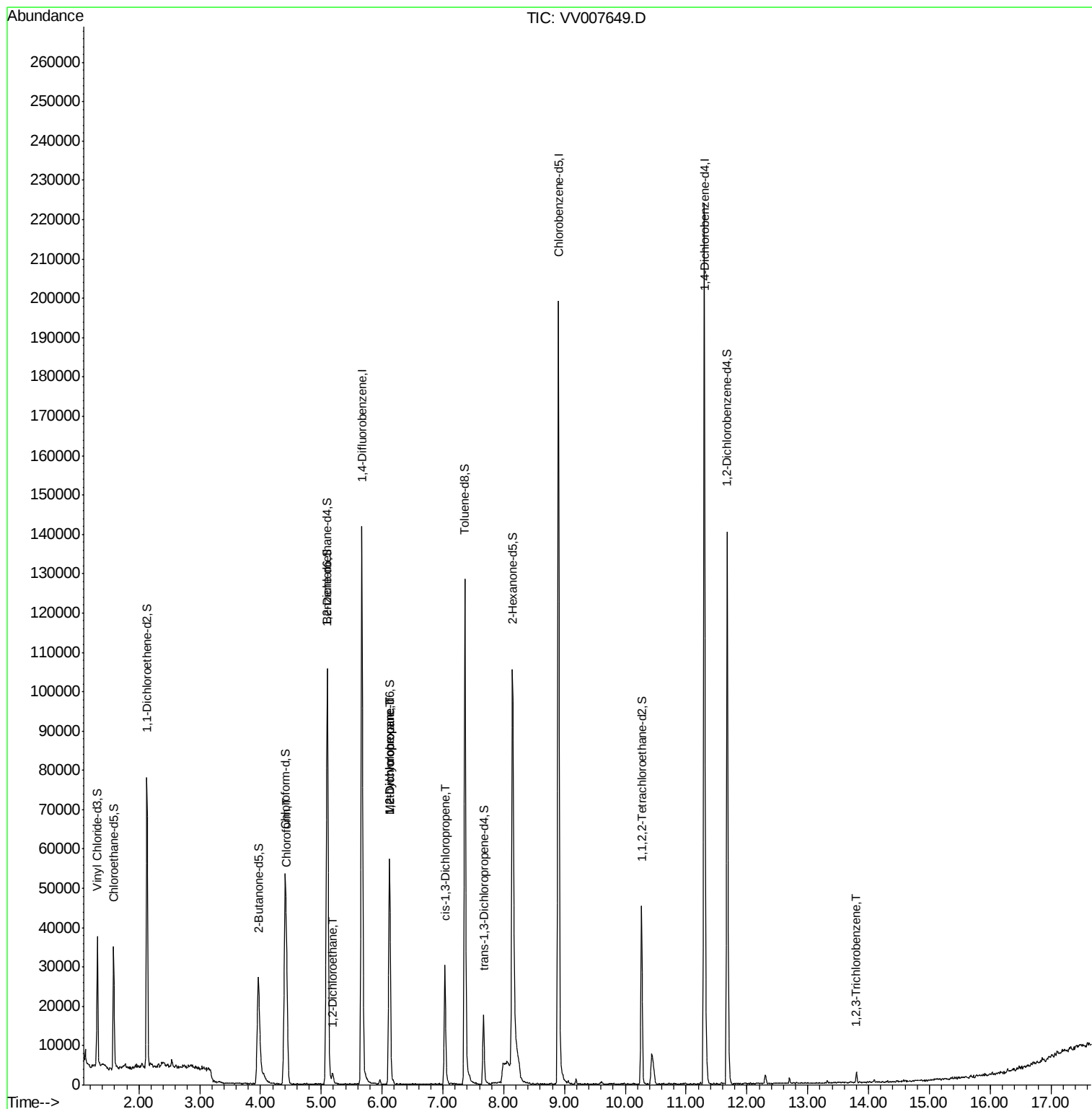
					Qvalue
25) Chloroform	4.43	83	20872	1.368	ug/L 98
27) 1,2-Dichloroethane	5.18	62	2322	0.252	ug/L 99
35) Methylcyclohexane	6.12	83	7066	0.488	ug/L # 20
37) 1,2-Dichloropropane	6.13	63	3462	0.449	ug/L # 85
39) cis-1,3-Dichloropropene	7.04	75	888	0.080	ug/L # 72
70) 1,2,3-Trichlorobenzene	13.80	180	1144	0.080	ug/L 92

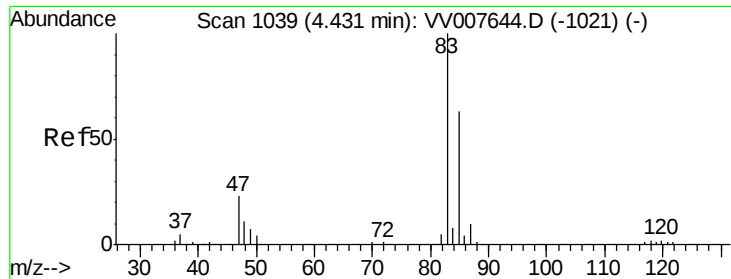
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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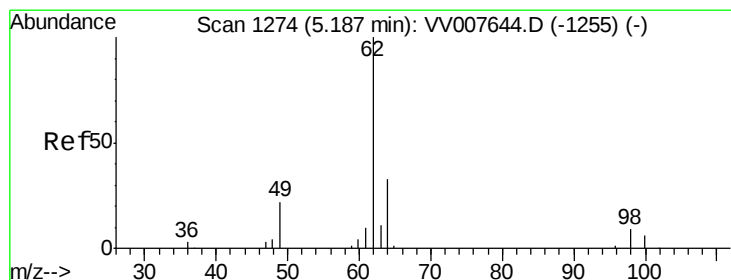
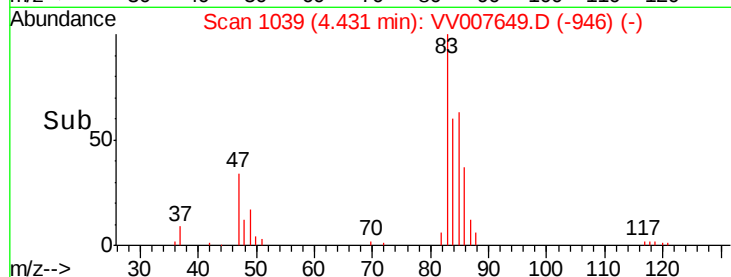
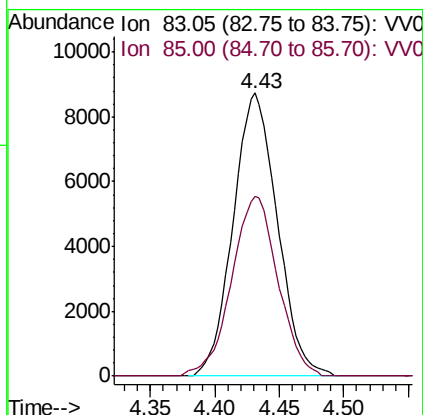
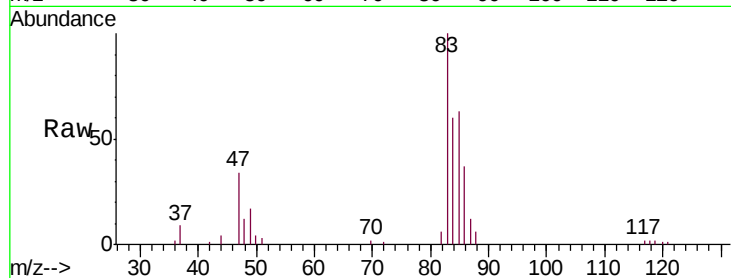




#25
Chloroform
Concen: 1.368 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV007649.D
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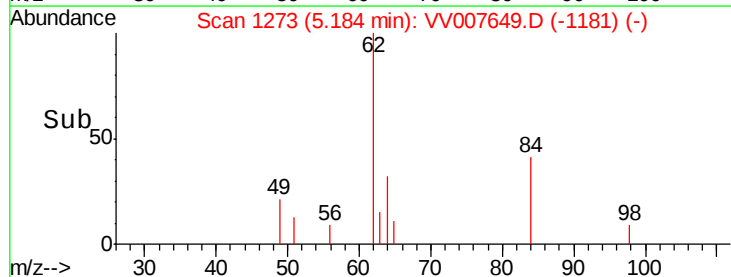
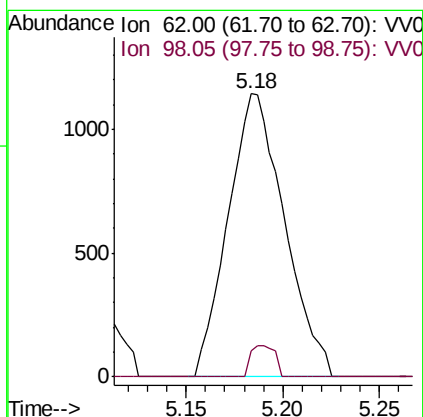
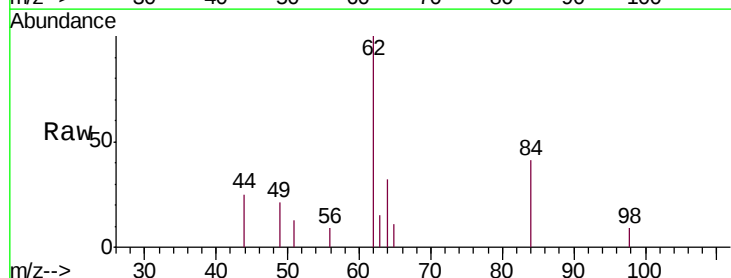
Instrument :
MSVOA_V
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A3Z73

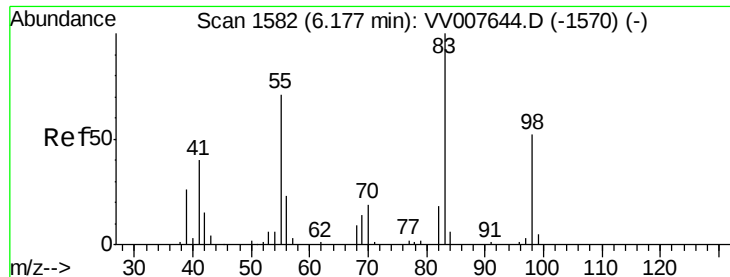
Tgt Ion: 83 Resp: 20872
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.252 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VV007649.D
Acq: 20 Sep 2018 12:13

Tgt Ion: 62 Resp: 2322
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3

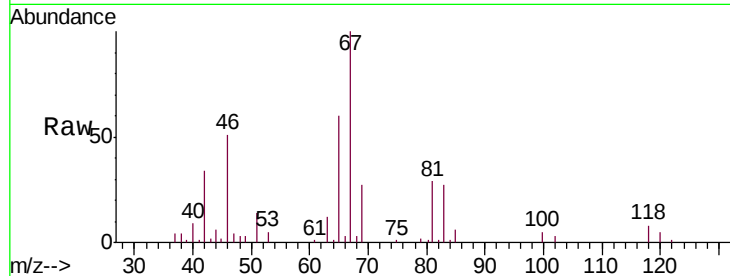




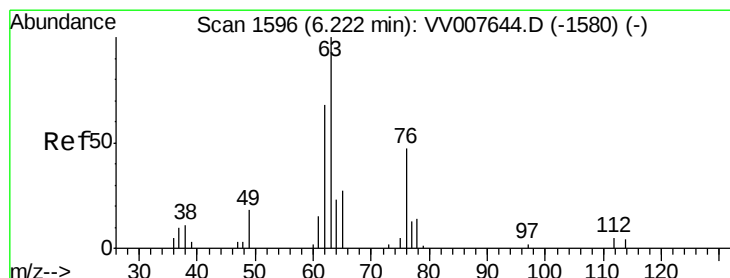
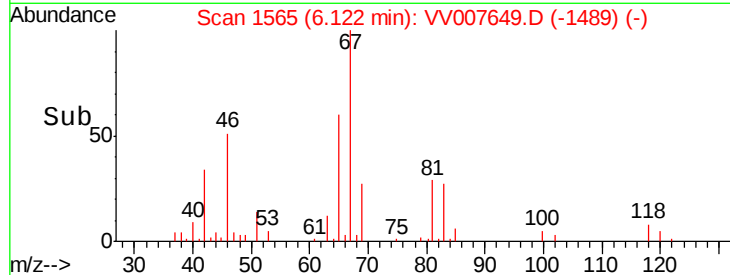
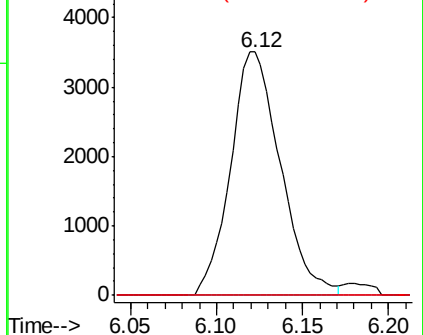
#35
Methylcyclohexane
Concen: 0.488 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007649.D
Acq: 20 Sep 2018 12:13

Instrument :
MSVOA_V
ClientSampleId :
A3Z73

Tgt Ion: 83 Resp: 7066
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 0.0 40.7 61.1#

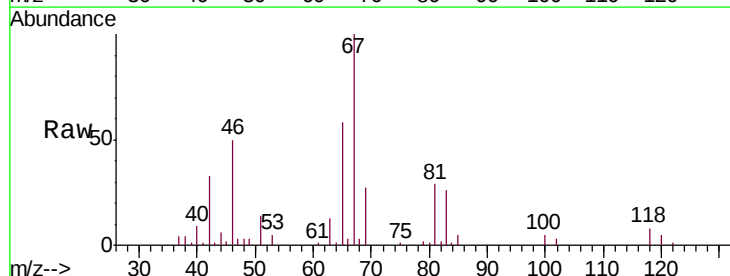


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

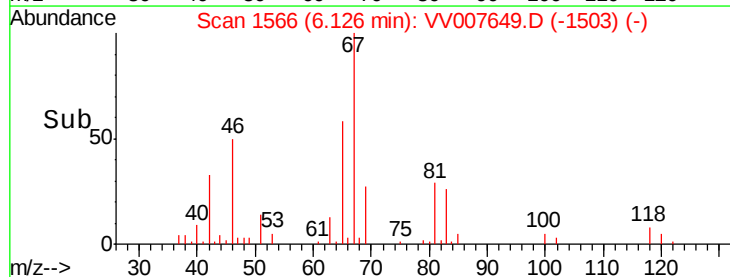
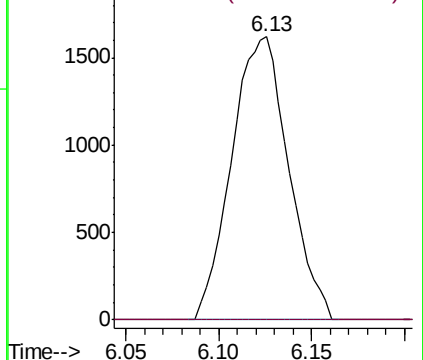


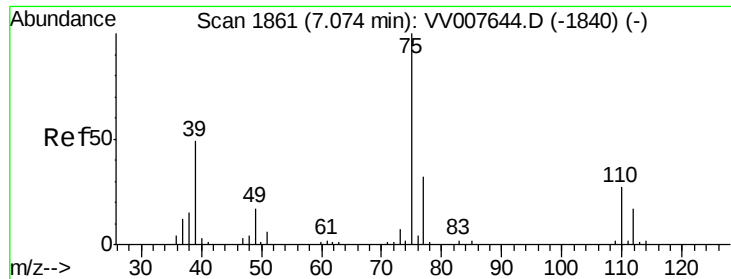
#37
1,2-Dichloropropane
Concen: 0.449 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007649.D
Acq: 20 Sep 2018 12:13

Tgt Ion: 63 Resp: 3462
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007649.D

Acq: 20 Sep 2018 12:13

Instrument :

MSVOA_V

ClientSampleId :

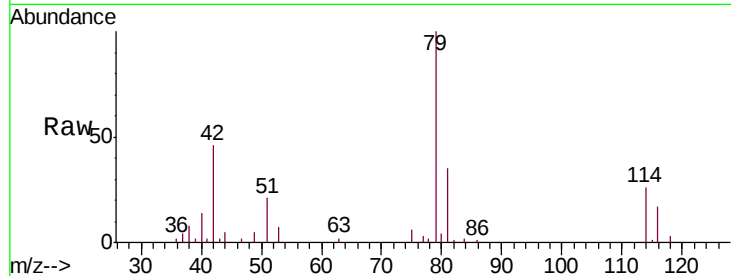
A3Z73

Tgt Ion: 75 Resp: 888

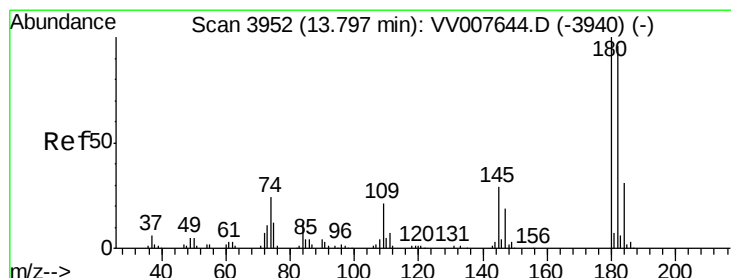
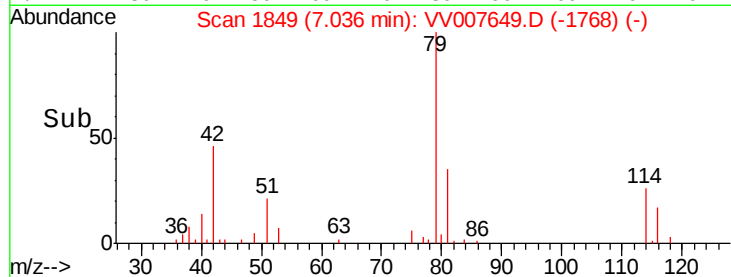
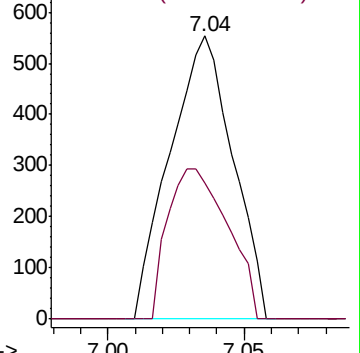
Ion Ratio Lower Upper

75 100

77 48.1 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VV007644.D (-1840) (-)



#70

1,2,3-Trichlorobenzene

Concen: 0.080 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.00 min

Lab File: VV007649.D

Acq: 20 Sep 2018 12:13

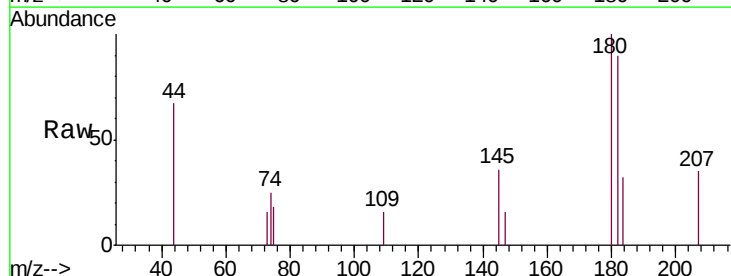
Tgt Ion: 180 Resp: 1144

Ion Ratio Lower Upper

180 100

182 89.9 79.7 119.5

145 29.3 23.9 35.9



Abundance Ion 179.90 (179.60 to 180.60): VV007644.D (-3940) (-)

