

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008774.D
 Acq On : 29 Nov 2018 19:37
 Operator : SY/MD
 Sample : J6076-12
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALQ0

Quant Time: Nov 30 05:00:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 04:55:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147874	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60267	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50131	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.59	69	36583	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.14	63	70872	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.96	46	117826	51.42	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	4.41	84	100808	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.09	65	50638	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	212636	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	63091	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	190410	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.67	79	20485	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.14	63	82813	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36738	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	64574	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

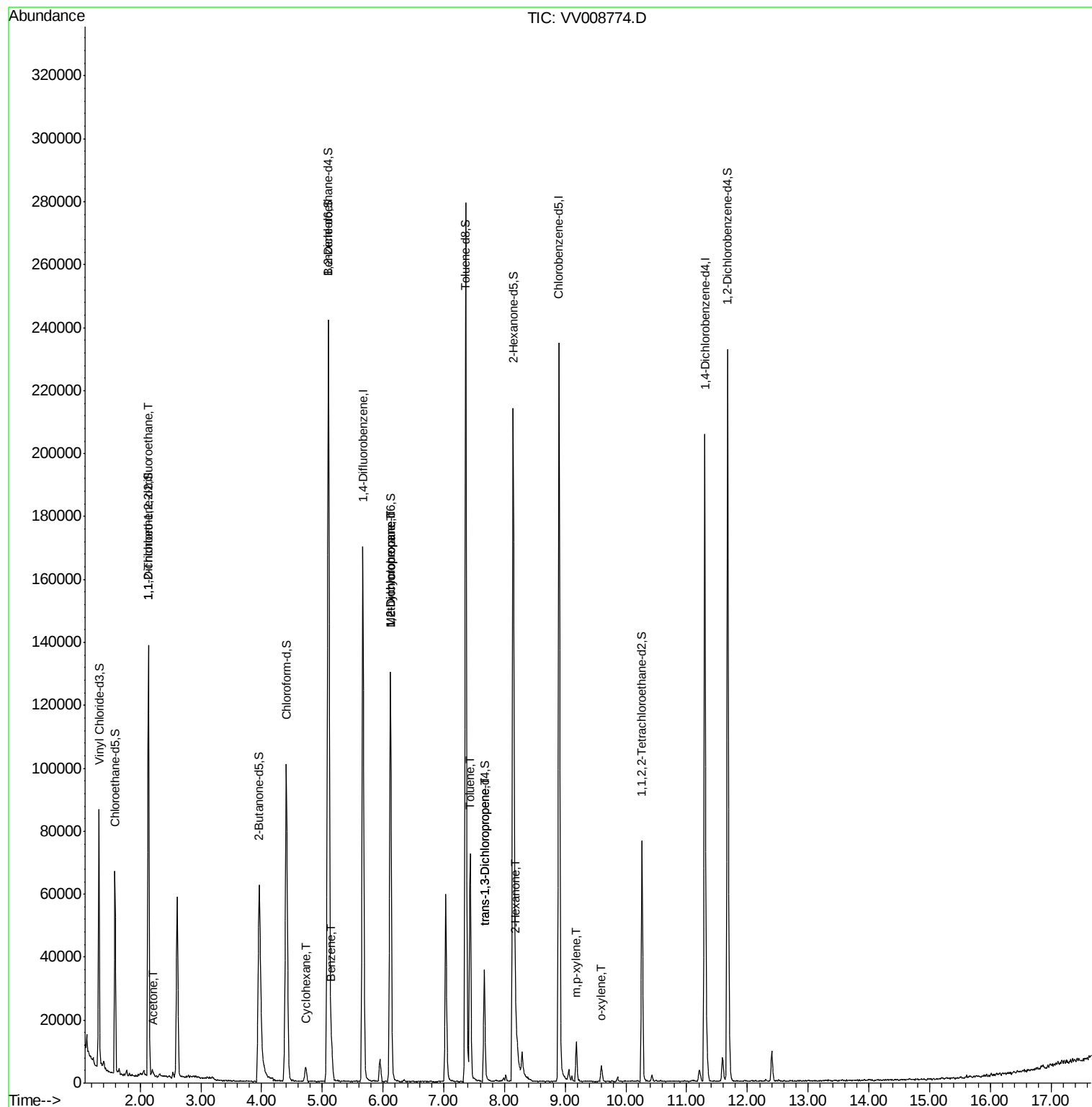
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	770	0.092	ug/L #	18
13) Acetone	2.21	43	1876	1.643	ug/L	95
30) Cyclohexane	4.73	56	2628	0.156	ug/L	98
33) Benzene	5.15	78	10109	0.245	ug/L	100
35) Methylcyclohexane	6.13	83	14955	0.823	ug/L #	19
37) 1,2-Dichloropropane	6.13	63	7061	0.689	ug/L #	87
42) Toluene	7.43	91	51999	1.206	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	934	0.088	ug/L #	70
48) 2-Hexanone	8.19	43	5588	1.501	ug/L #	79
53) m,p-xylene	9.19	106	3422	0.196	ug/L	92
54) o-xylene	9.59	106	1360	0.081	ug/L	87

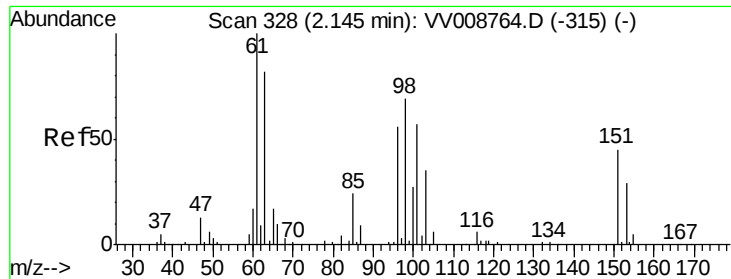
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.092 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008774.D

Acq: 29 Nov 2018 19:37

Instrument :

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ClientSampleId :

YALQ0

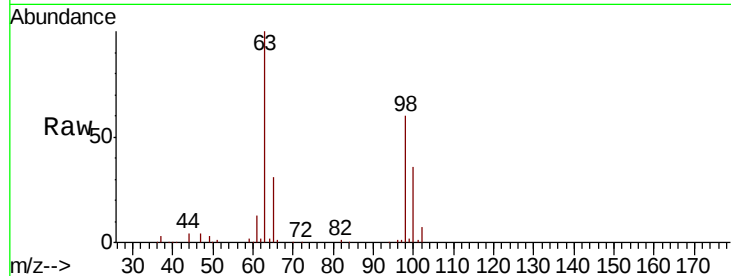
Tgt Ion:101 Resp: 770

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

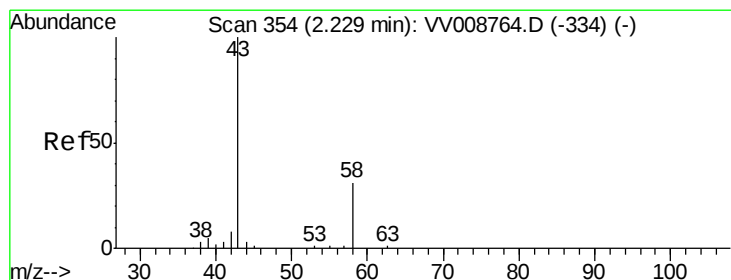
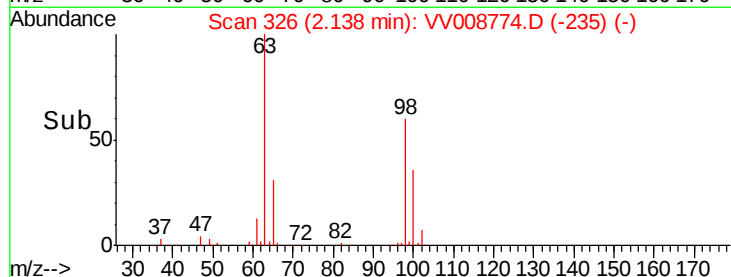
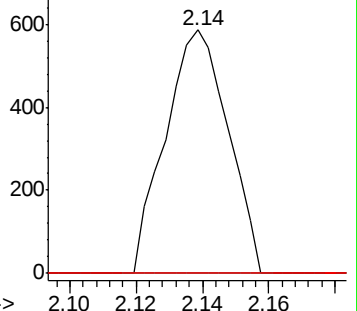
151 0.0 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.643 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV008774.D

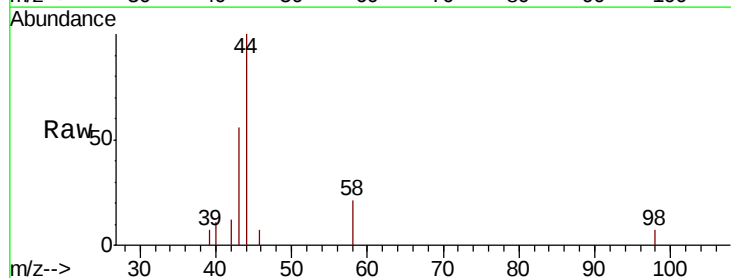
Acq: 29 Nov 2018 19:37

Tgt Ion: 43 Resp: 1876

Ion Ratio Lower Upper

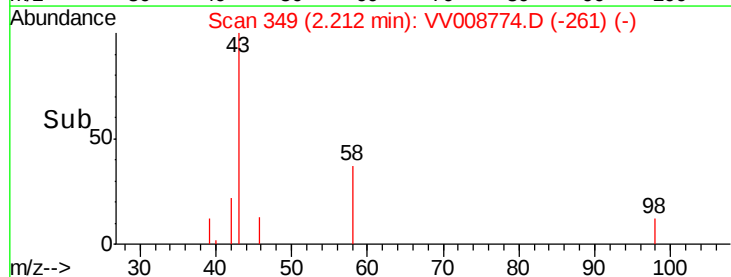
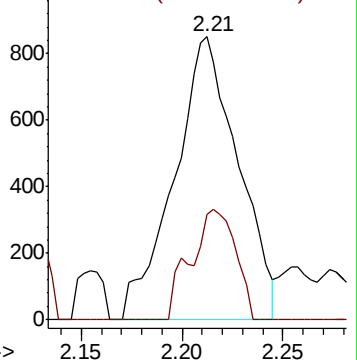
43 100

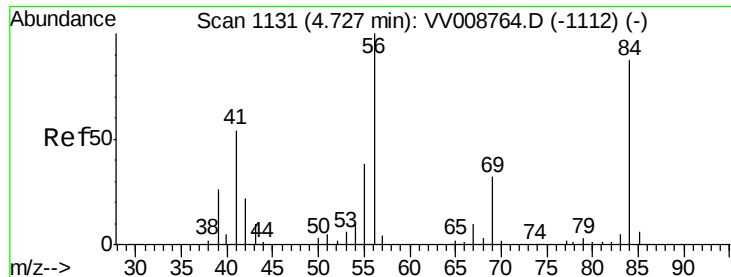
58 27.5 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

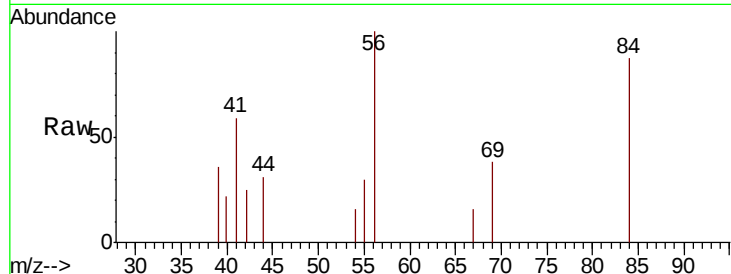




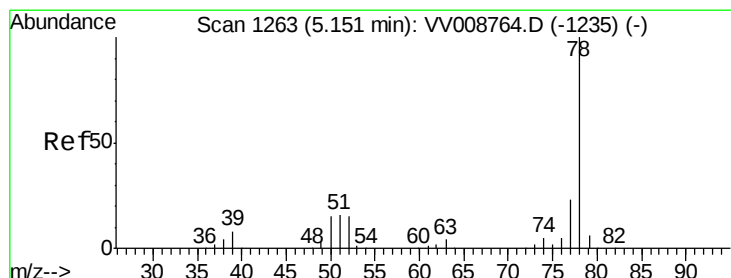
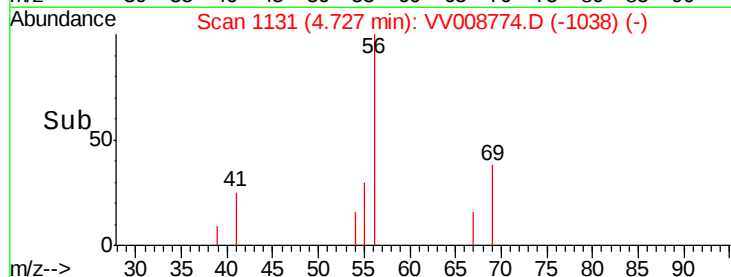
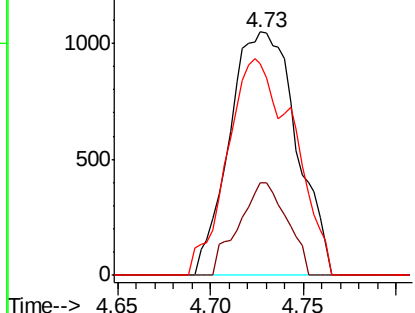
#30
Cyclohexane
Concen: 0.156 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VV008774.D
Acq: 29 Nov 2018 19:37

Instrument :
MSVOA_V
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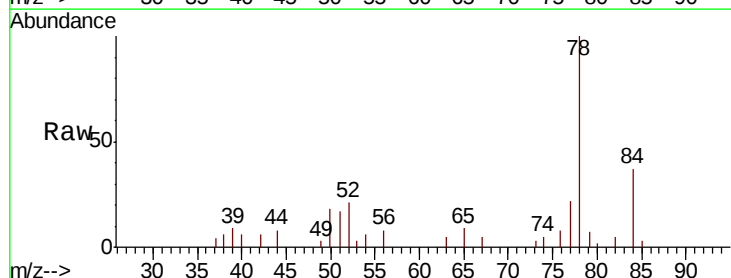
Tgt Ion: 56 Resp: 2628
Ion Ratio Lower Upper
56 100
69 27.5 25.1 37.7
84 88.6 70.8 106.2



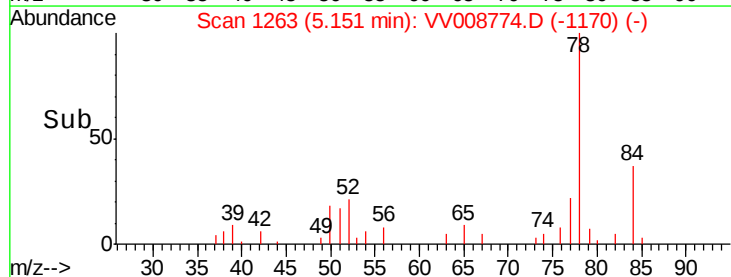
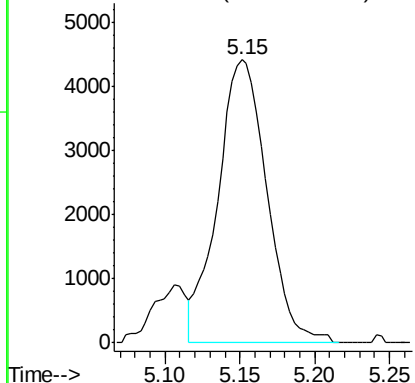
Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

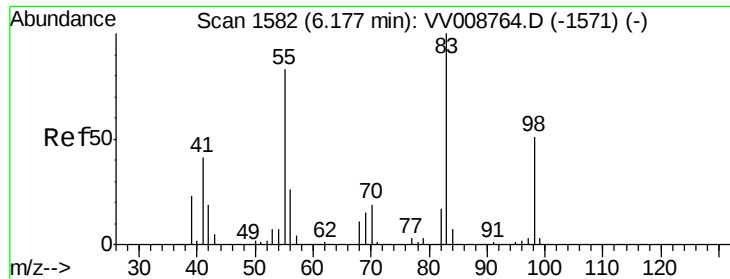


#33
Benzene
Concen: 0.245 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV008774.D
Acq: 29 Nov 2018 19:37
Tgt Ion: 78 Resp: 10109



Abundance Ion 78.10 (77.80 to 78.80): VV0

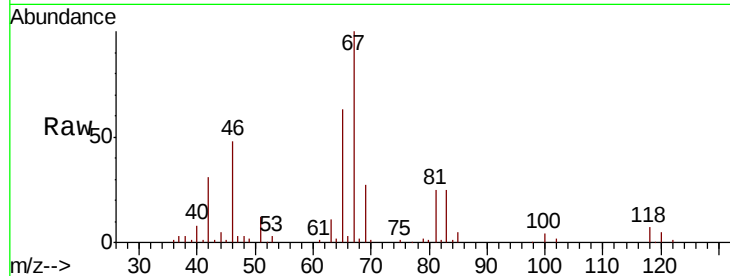




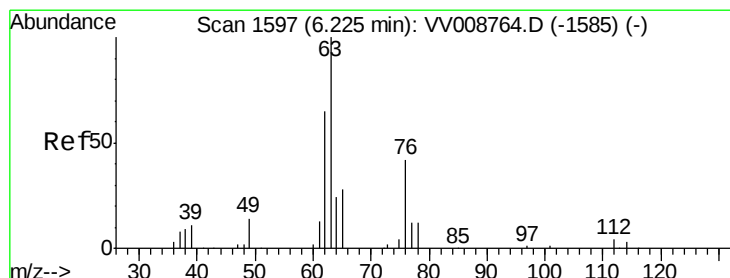
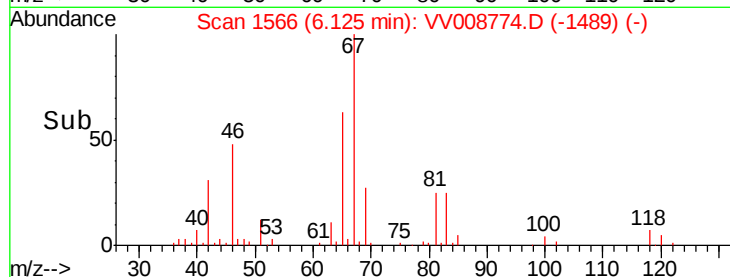
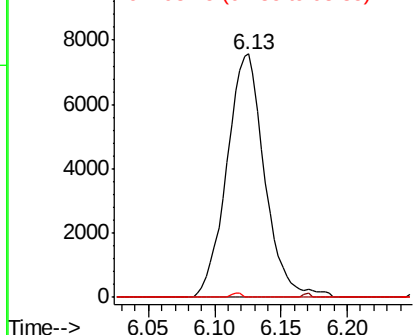
#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008774.D
Acq: 29 Nov 2018 19:37

Instrument :
MSVOA_V
ClientSampleId :
YALQ0

Tgt Ion: 83 Resp: 14955
Ion Ratio Lower Upper
83 100
55 0.3 60.1 90.1#
98 0.5 37.4 56.2#

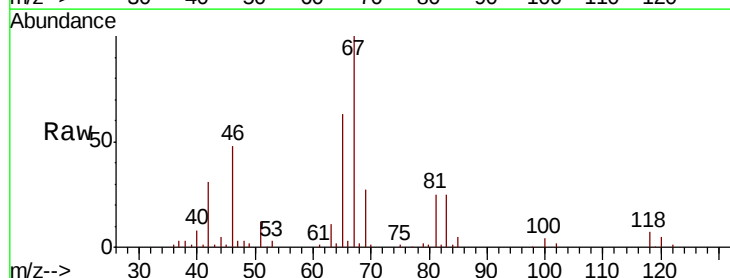


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

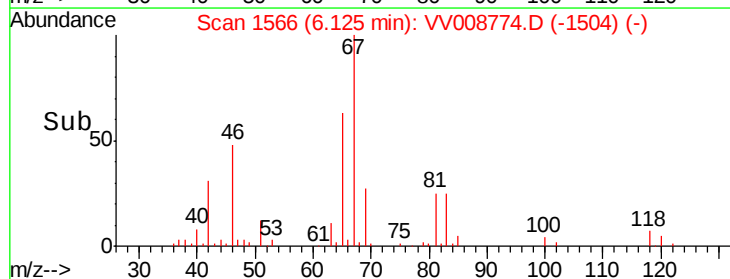
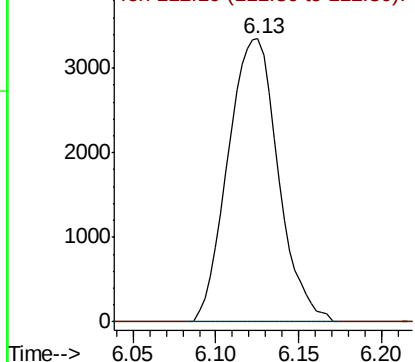


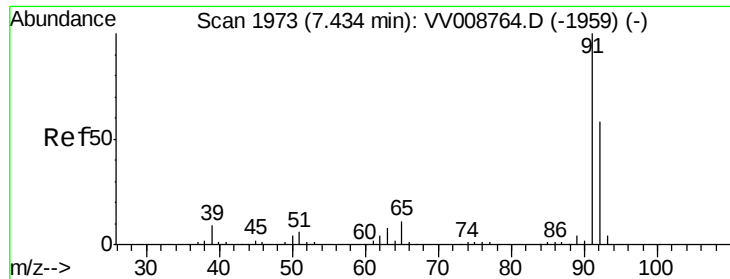
#37
1,2-Dichloropropane
Concen: 0.689 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008774.D
Acq: 29 Nov 2018 19:37

Tgt Ion: 63 Resp: 7061
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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





#42

Toluene

Concen: 1.206 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008774.D

Acq: 29 Nov 2018 19:37

Instrument :

MSVOA_V

ClientSampleId :

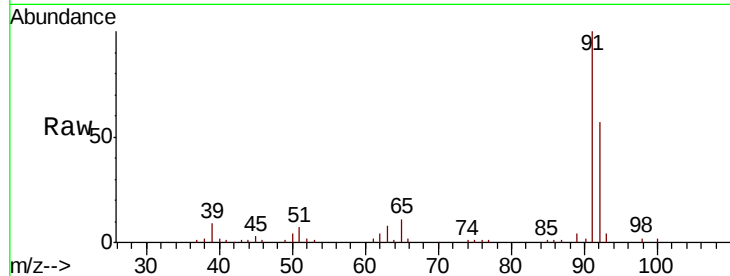
YALQ0

Tgt Ion: 91 Resp: 51999

Ion Ratio Lower Upper

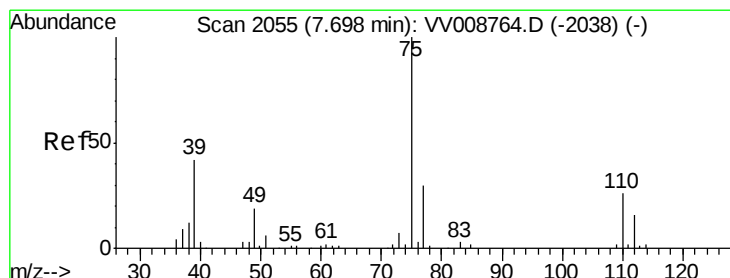
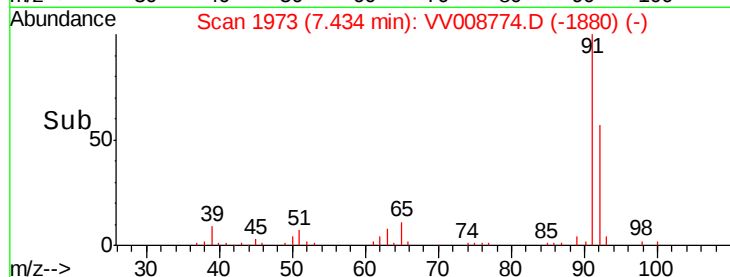
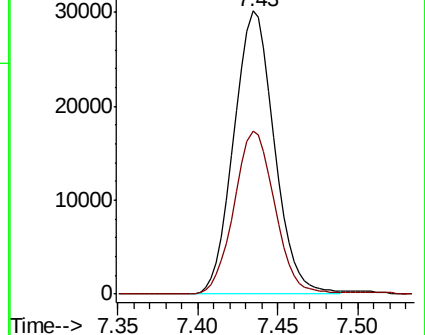
91 100

92 57.4 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VV008774.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV008774.D (-1959) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008774.D

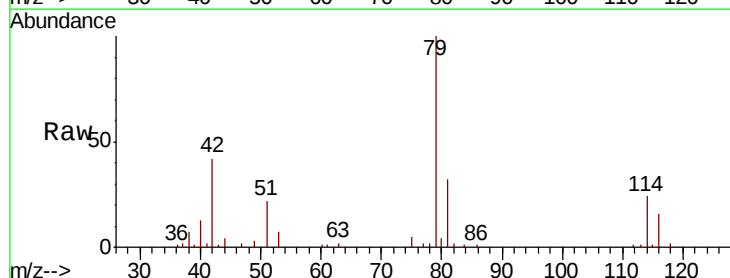
Acq: 29 Nov 2018 19:37

Tgt Ion: 75 Resp: 934

Ion Ratio Lower Upper

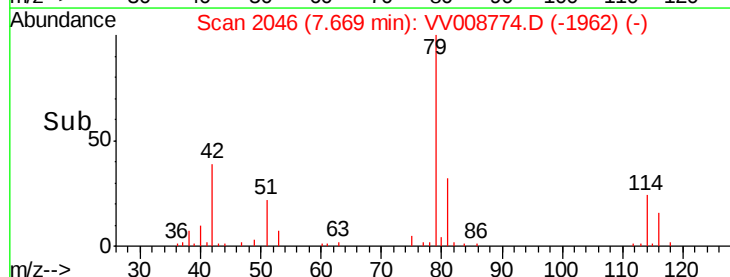
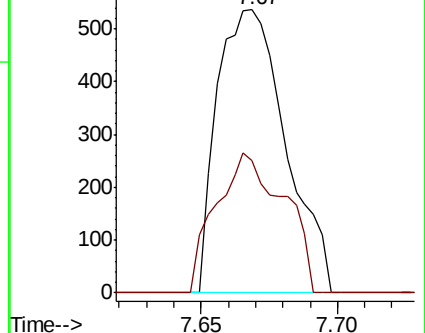
75 100

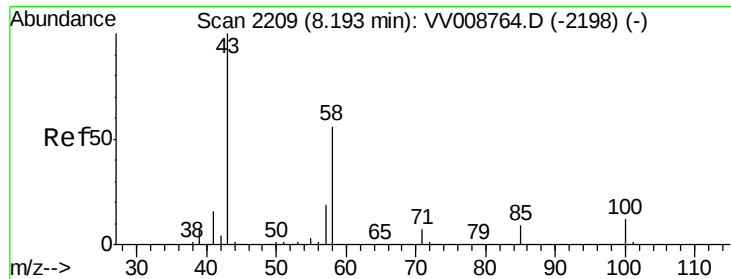
77 46.6 21.3 39.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008774.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV008774.D (-2038) (-)

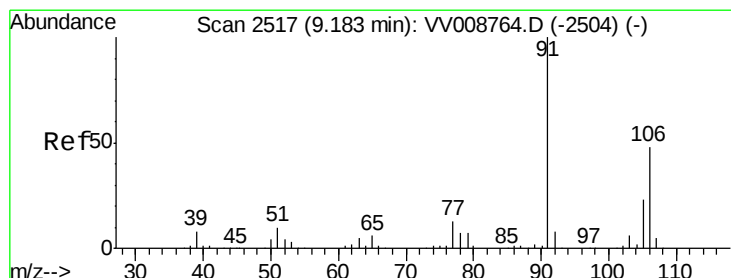
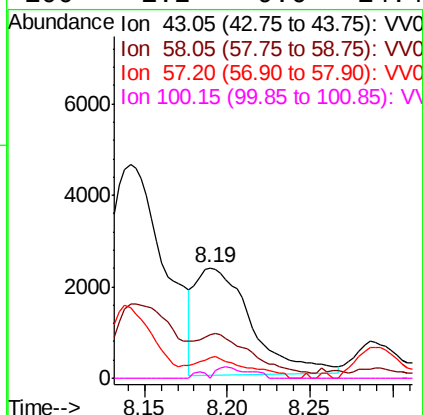
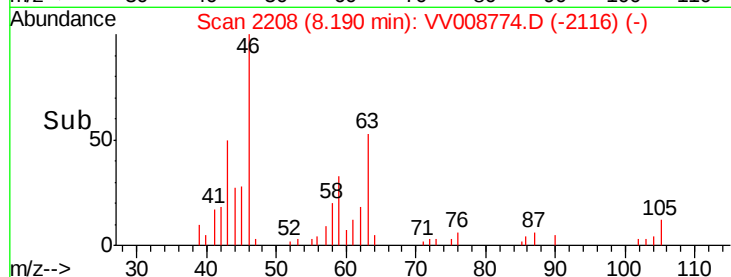
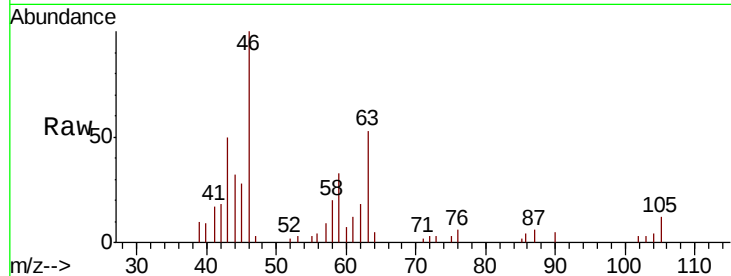




#48
2-Hexanone
Concen: 1.501 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV008774.D
Acq: 29 Nov 2018 19:37

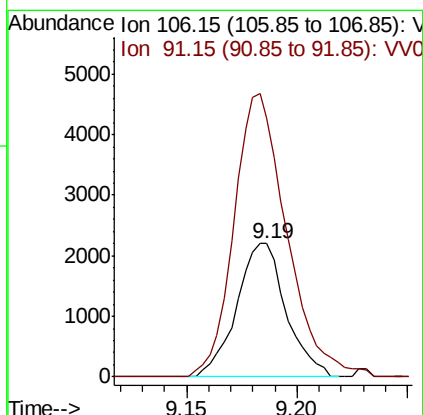
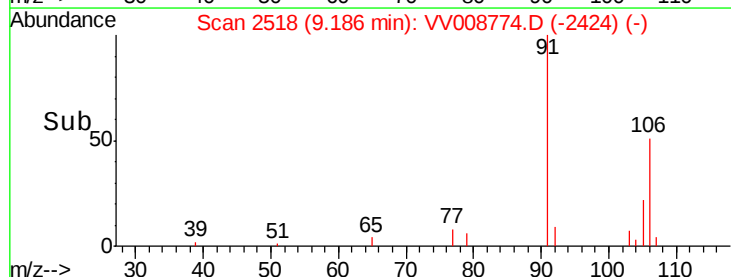
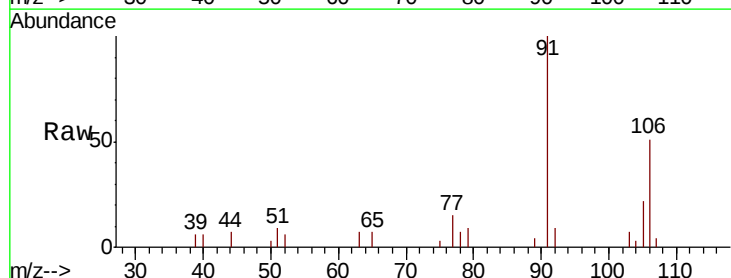
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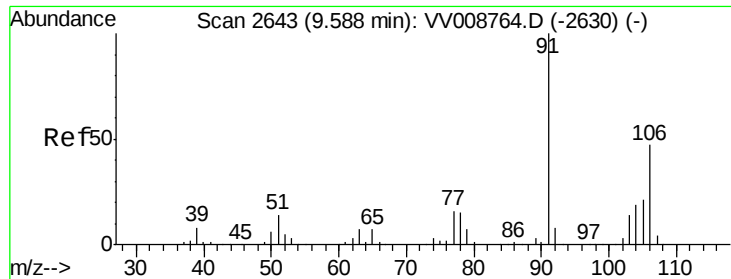
Tgt Ion: 43 Resp: 5588
Ion Ratio Lower Upper
43 100
58 37.2 44.5 66.7#
57 17.4 15.2 22.8
100 1.2 9.6 14.4#



#53
m,p-xylene
Concen: 0.196 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008774.D
Acq: 29 Nov 2018 19:37

Tgt Ion: 106 Resp: 3422
Ion Ratio Lower Upper
106 100
91 194.7 145.5 270.3





#54
 o-xylene
 Concen: 0.081 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. -0.00 min
 Lab File: VV008774.D
 Acq: 29 Nov 2018 19:37

Instrument :
 MSVOA_V
 ClientSampleId :
 YALQ0

Tgt Ion:106 Resp: 1360
 Ion Ratio Lower Upper
 106 100
 91 191.9 148.7 276.1

