

Data File : VV011374.D
Acq On : 11 Jun 2019 04:35
Operator : SY/MD
Sample : K3229-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P26

Quant Time: Jun 11 08:05:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	146277	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	133065	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51809	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38211	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.55	69	35514	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.12	63	63862	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	3.94	46	128983	51.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.38%
24) Chloroform-d	4.40	84	86393	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	49712	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.09	84	167580	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.11	67	52904	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.36	98	141332	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.66	79	13656	2.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.40%
46) 2-Hexanone-d5	8.13	63	94314	47.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37368	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	49474	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

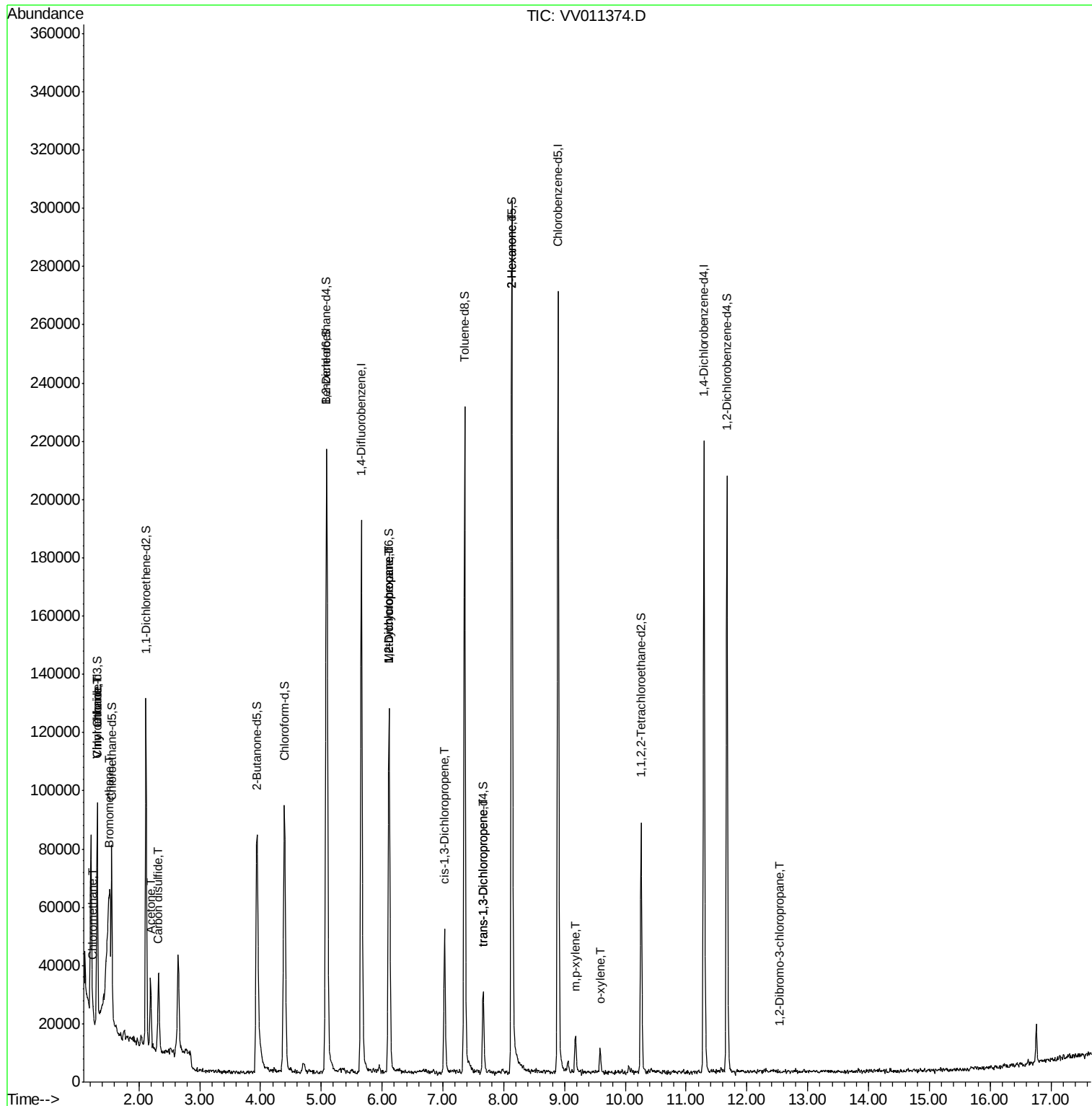
					Qvalue
3) Chloromethane	1.25	50	2073	0.149 ug/L	95
5) Vinyl chloride	1.32	62	2278	0.169 ug/L #	1
6) Bromomethane	1.51	94	1254	0.179 ug/L	74
8) Chloroethane	1.32	64	4425	0.515 ug/L	85
13) Acetone	2.19	43	5839	3.490 ug/L	99
14) Carbon disulfide	2.31	76	3448	0.123 ug/L #	86
35) Methylcyclohexane	6.11	83	13128	0.726 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6884	0.653 ug/L #	86
39) cis-1,3-Dichloropropene	7.02	75	1380	0.090 ug/L #	70
44) trans-1,3-Dichloropropene	7.66	75	1021	0.087 ug/L	92
48) 2-Hexanone	8.13	43	14377	3.072 ug/L #	72
53) m,p-xylene	9.18	106	3305	0.178 ug/L	88
54) o-xylene	9.59	106	2073	0.114 ug/L	87
66) 1,2-Dibromo-3-chloropropan	12.53	75	108	0.095 ug/L #	8

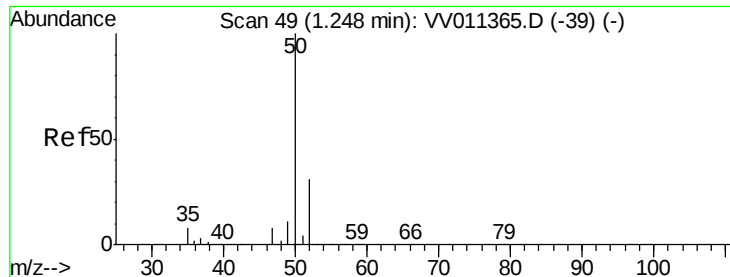
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.149 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011374.D

Acq: 11 Jun 2019 04:35

Instrument :

MSVOA_V

ClientSampled :

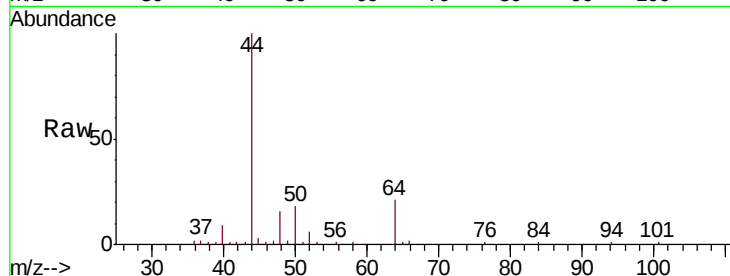
F9P26

Tgt Ion: 50 Resp: 2073

Ion Ratio Lower Upper

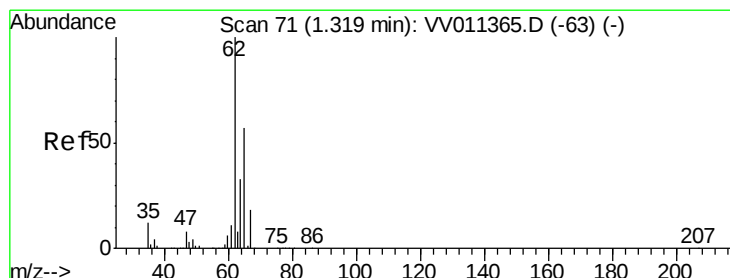
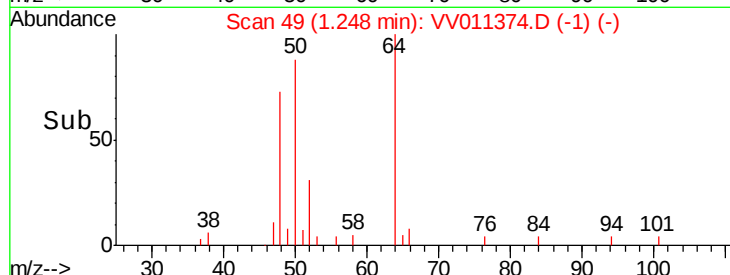
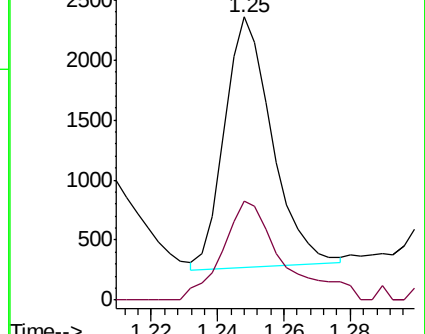
50 100

52 35.0 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.169 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011374.D

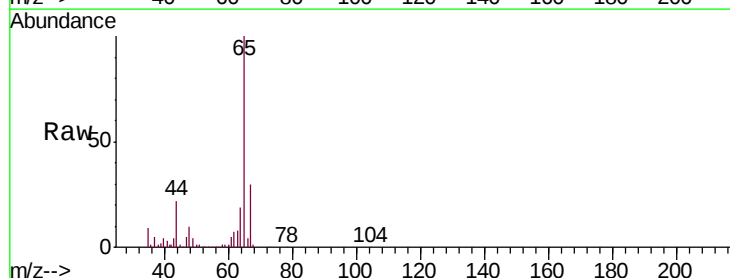
Acq: 11 Jun 2019 04:35

Tgt Ion: 62 Resp: 2278

Ion Ratio Lower Upper

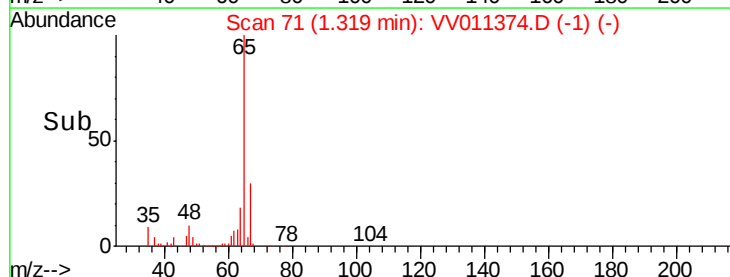
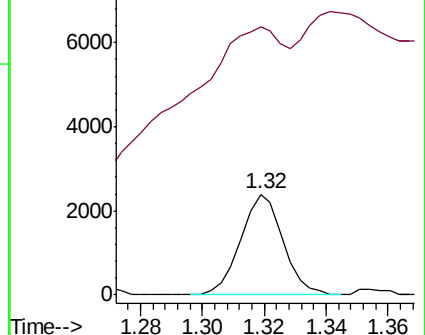
62 100

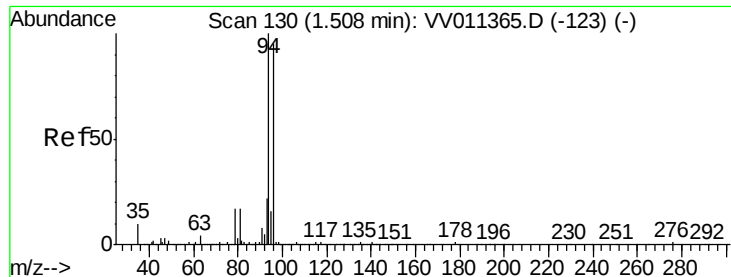
64 267.6 25.9 48.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#6

Bromomethane

Concen: 0.179 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.00 min

Lab File: VV011374.D

Acq: 11 Jun 2019 04:35

Instrument :

MSVOA_V

ClientSampleId :

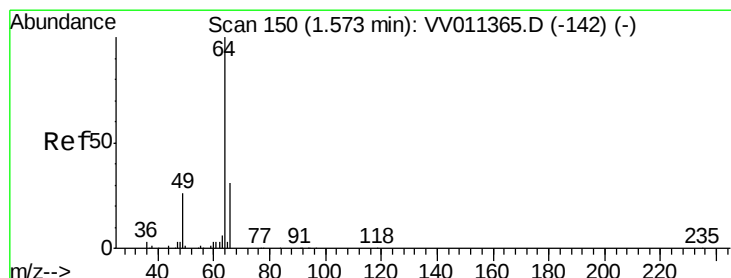
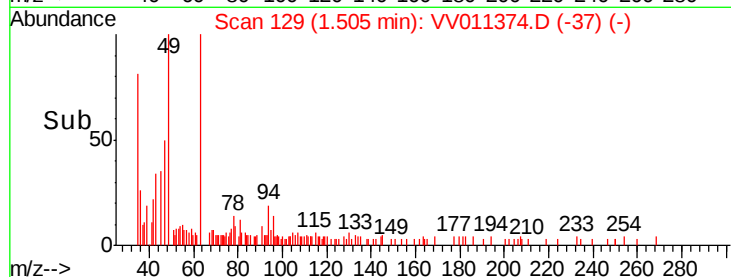
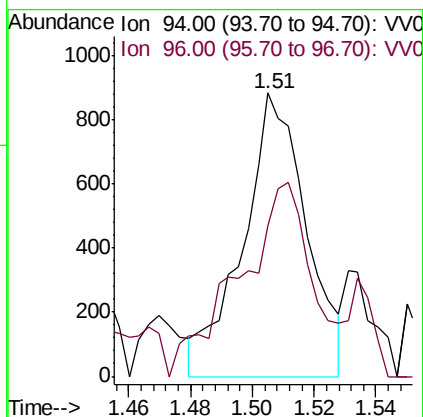
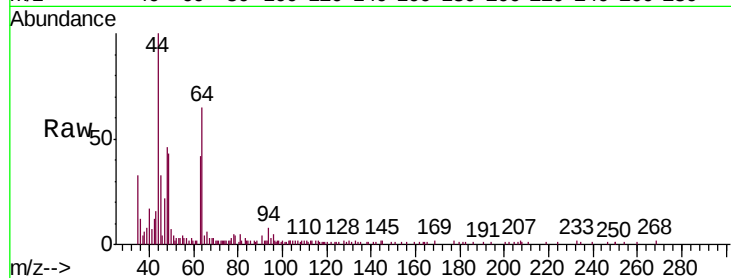
F9P26

Tgt Ion: 94 Resp: 1254

Ion Ratio Lower Upper

94 100

96 70.0 67.0 124.4



#8

Chloroethane

Concen: 0.515 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.25 min

Lab File: VV011374.D

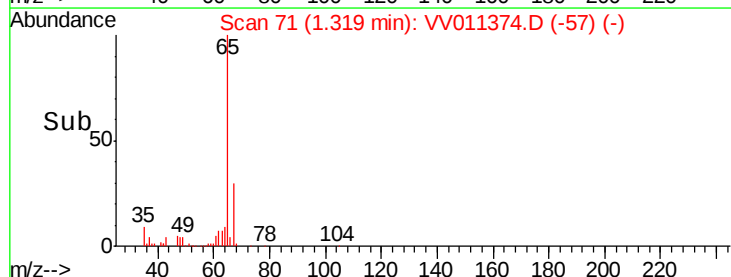
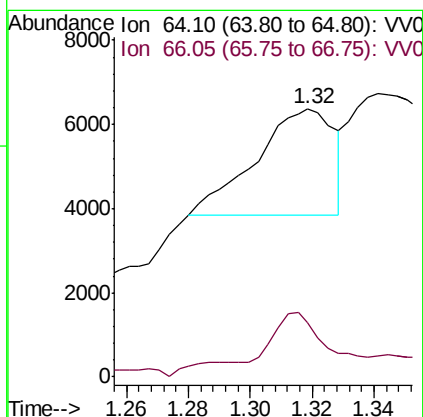
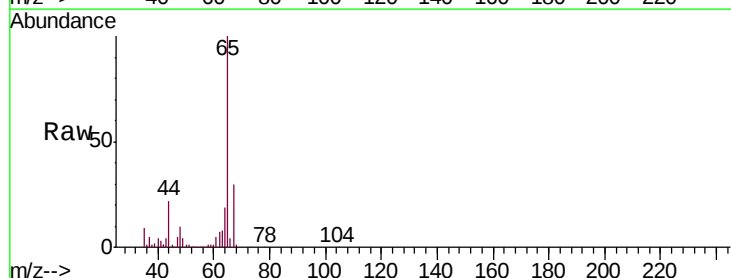
Acq: 11 Jun 2019 04:35

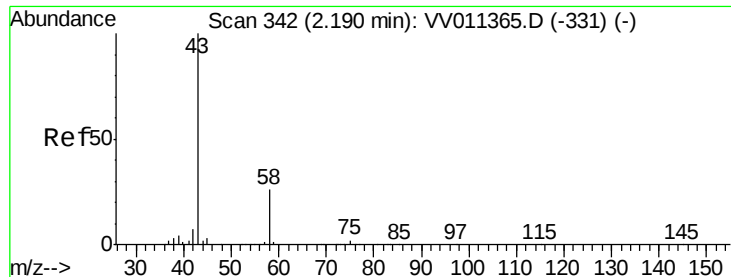
Tgt Ion: 64 Resp: 4425

Ion Ratio Lower Upper

64 100

66 20.0 19.4 36.0





#13

Acetone

Concen: 3.490 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV011374.D

Acq: 11 Jun 2019 04:35

Instrument :

MSVOA_V

ClientSampleId :

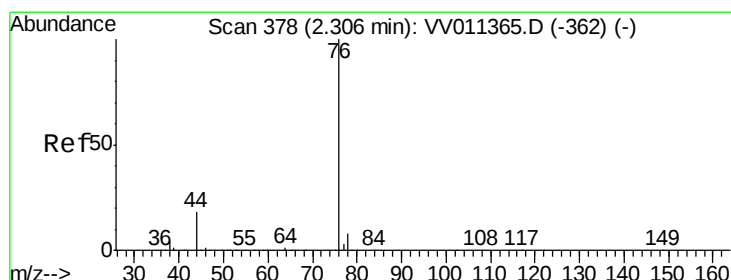
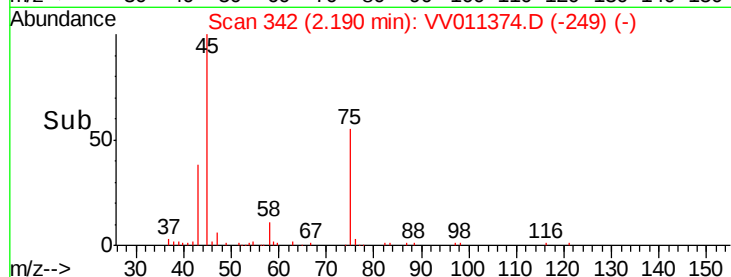
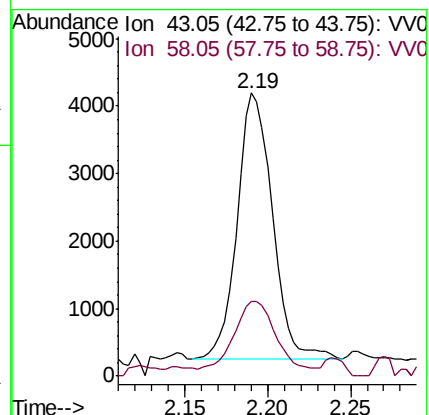
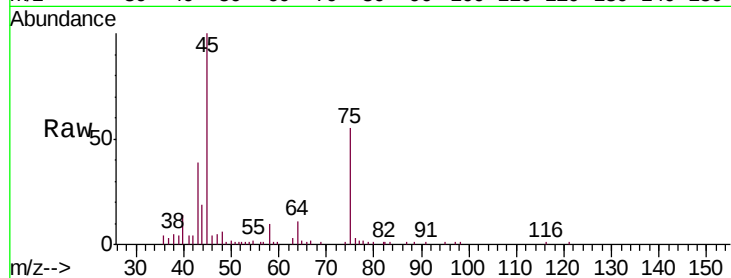
F9P26

Tgt Ion: 43 Resp: 5839

Ion Ratio Lower Upper

43 100

58 28.0 0.0 55.2



#14

Carbon disulfide

Concen: 0.123 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV011374.D

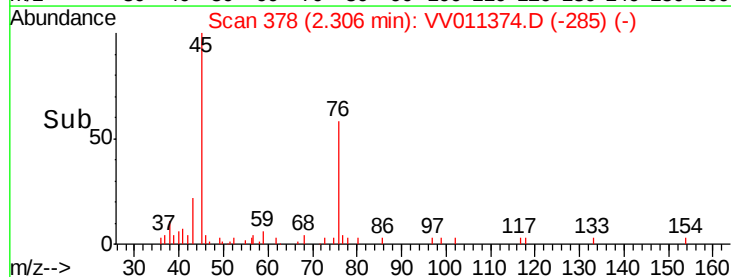
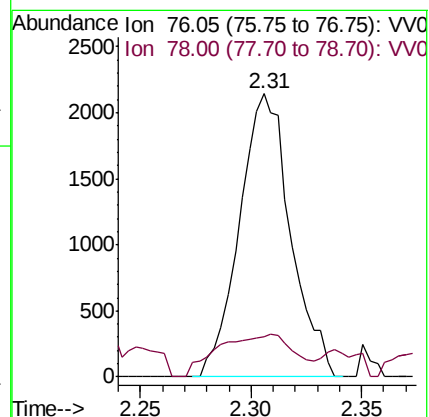
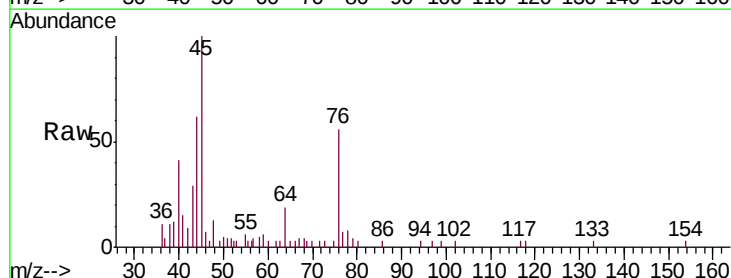
Acq: 11 Jun 2019 04:35

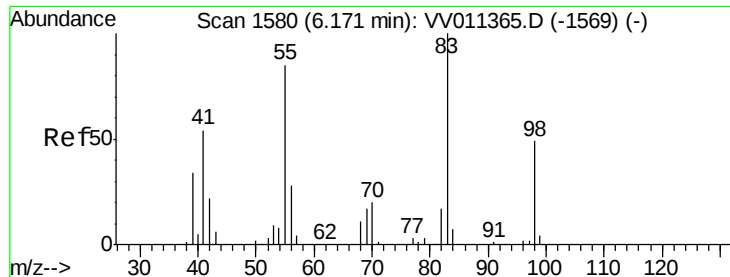
Tgt Ion: 76 Resp: 3448

Ion Ratio Lower Upper

76 100

78 14.1 7.3 10.9#

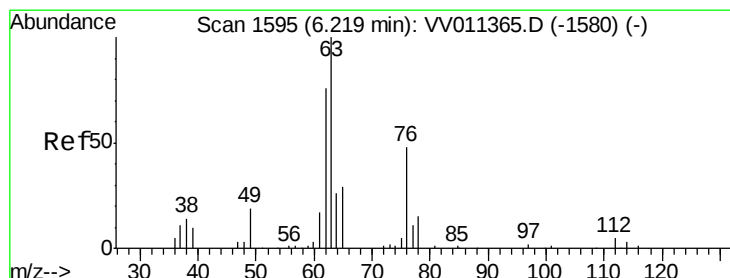
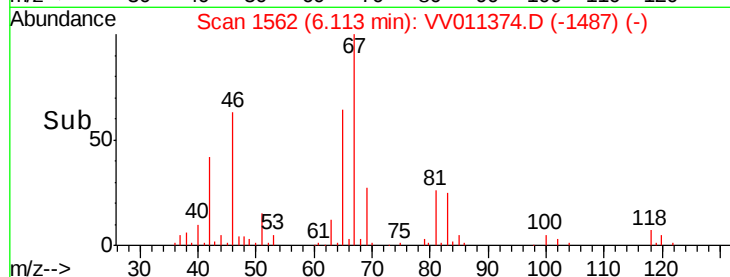
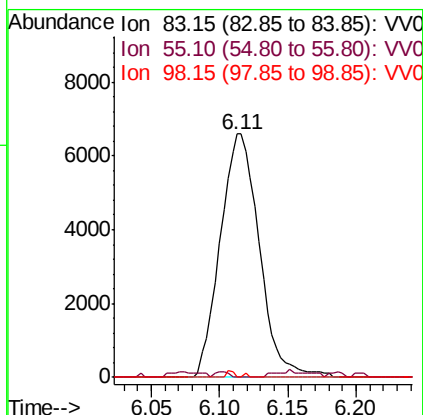
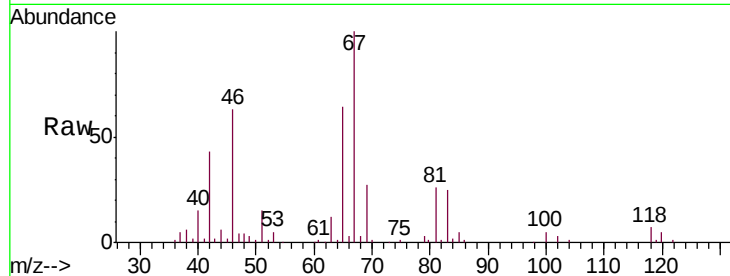




#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011374.D
Acq: 11 Jun 2019 04:35

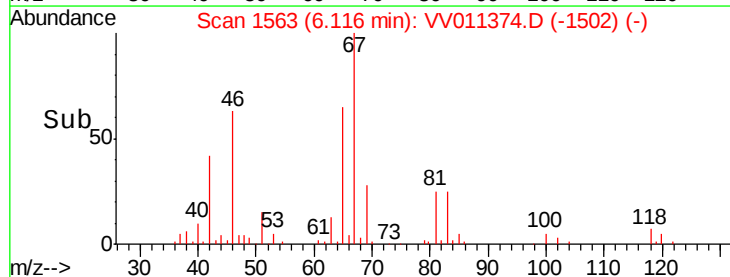
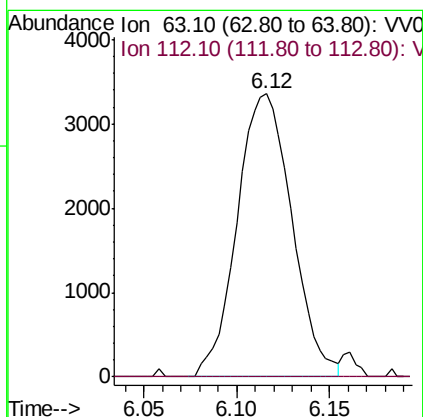
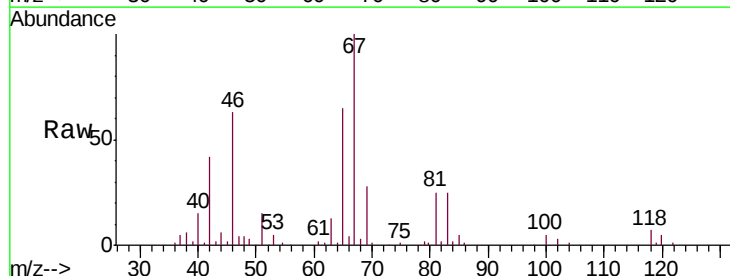
Instrument :
MSVOA_V
ClientSampleId :
F9P26

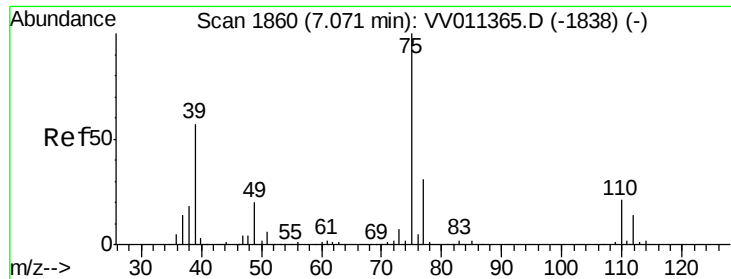
Tgt Ion: 83 Resp: 13128
Ion Ratio Lower Upper
83 100
55 0.7 67.0 100.6#
98 0.5 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011374.D
Acq: 11 Jun 2019 04:35

Tgt Ion: 63 Resp: 6884
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

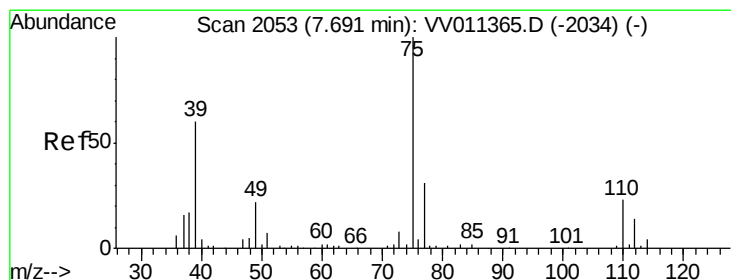
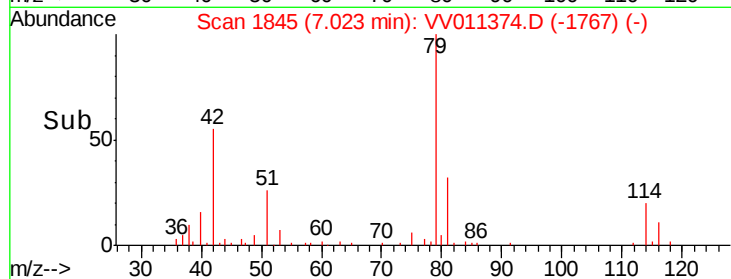
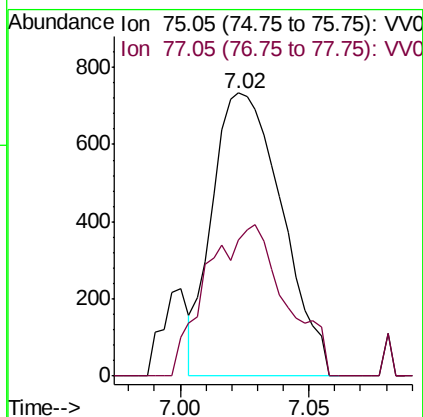
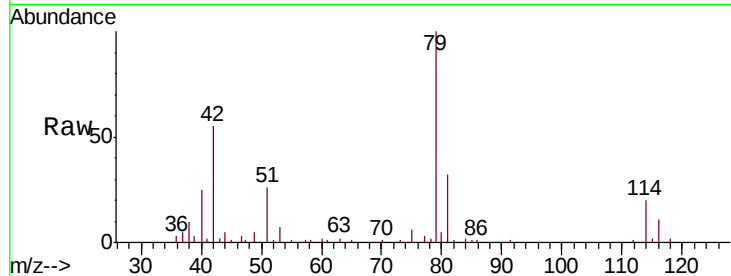




#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV011374.D
 Acq: 11 Jun 2019 04:35

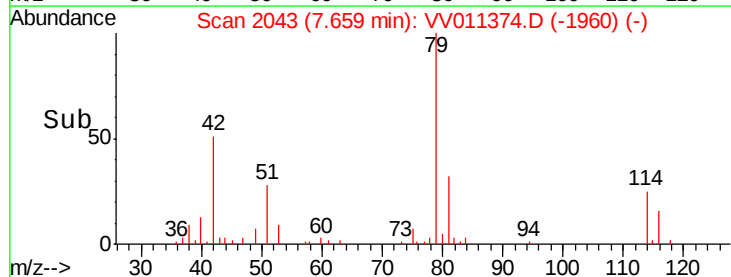
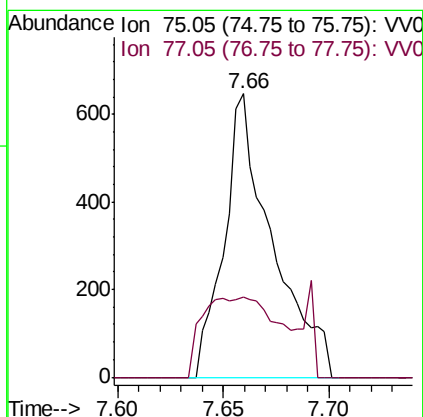
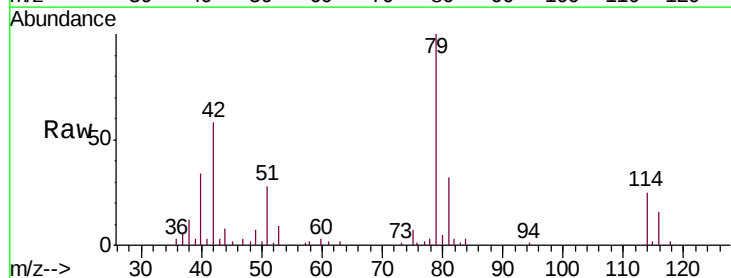
Instrument :
 MSVOA_V
 ClientSampled :
 F9P26

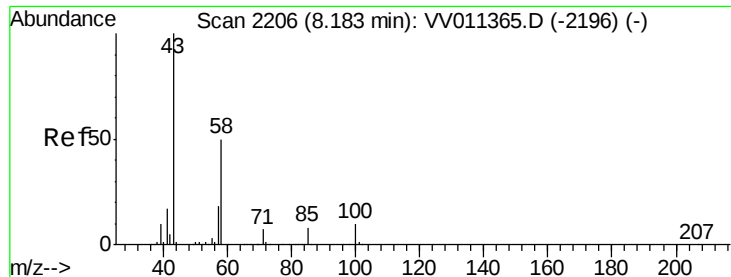
Tgt Ion: 75 Resp: 1380
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV011374.D
 Acq: 11 Jun 2019 04:35

Tgt Ion: 75 Resp: 1021
 Ion Ratio Lower Upper
 75 100
 77 28.3 23.1 42.9

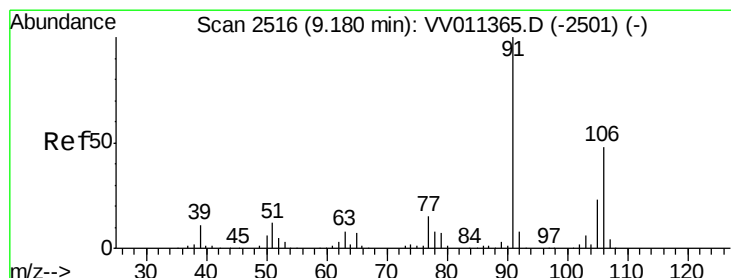
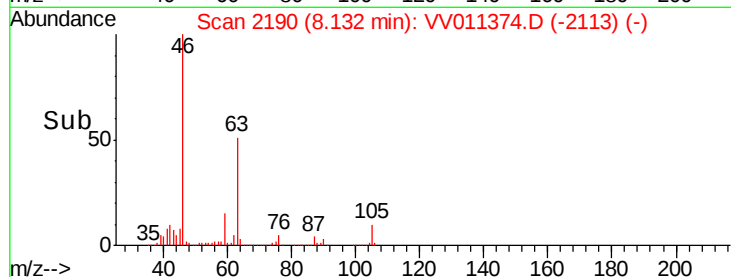
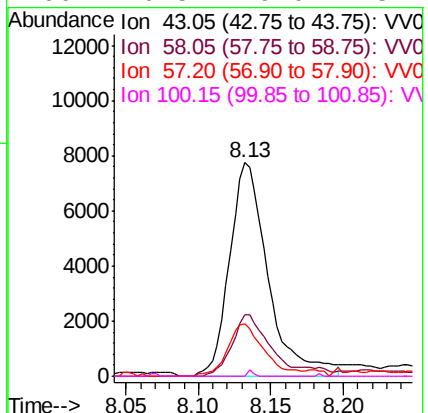
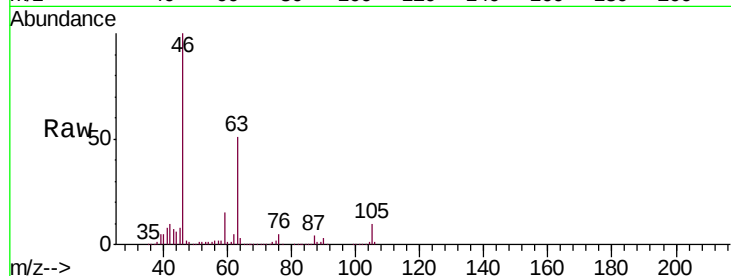




#48
2-Hexanone
Concen: 3.072 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV011374.D
Acq: 11 Jun 2019 04:35

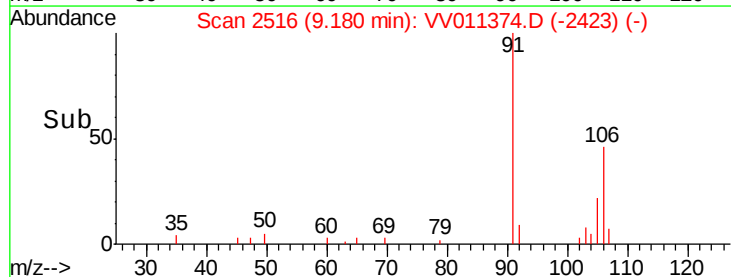
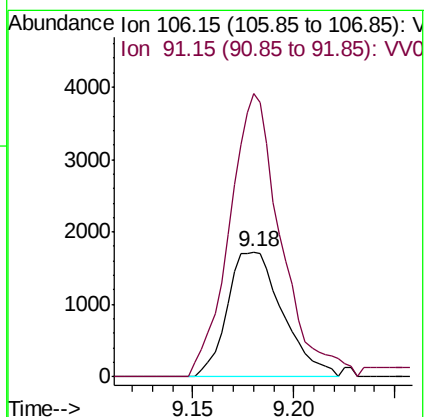
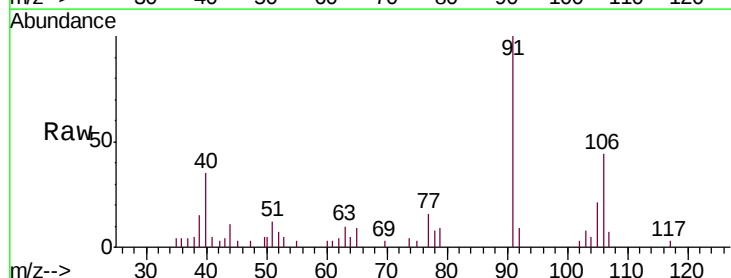
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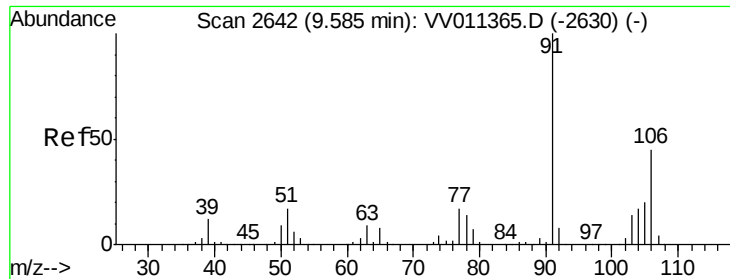
Tgt Ion: 43 Resp: 14377
Ion Ratio Lower Upper
43 100
58 27.0 41.4 62.0#
57 23.1 15.0 22.4#
100 0.5 9.0 13.4#



#53
m,p-xylene
Concen: 0.178 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV011374.D
Acq: 11 Jun 2019 04:35

Tgt Ion: 106 Resp: 3305
Ion Ratio Lower Upper
106 100
91 227.0 145.5 270.3

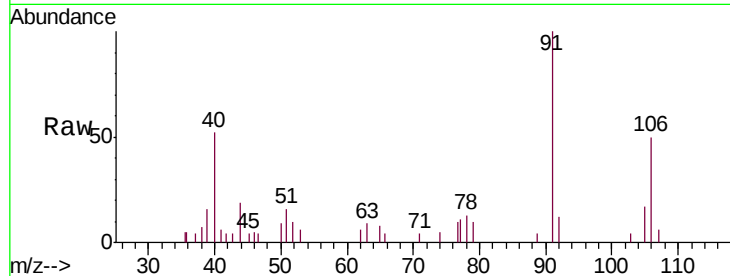




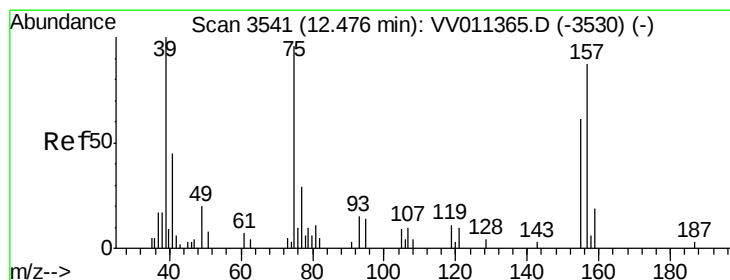
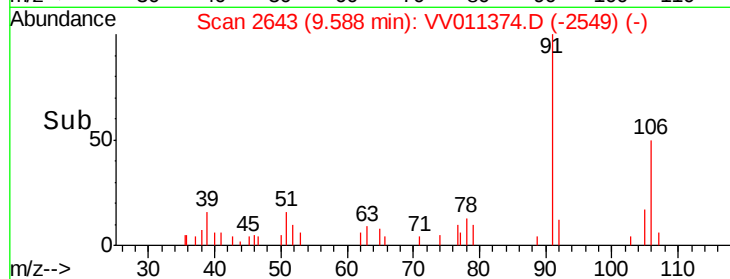
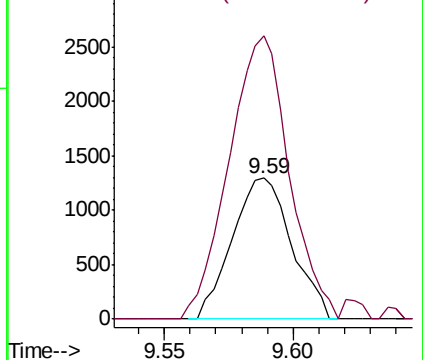
#54
o-xylene
Concen: 0.114 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV011374.D
Acq: 11 Jun 2019 04:35

Instrument :
MSVOA_V
ClientSampleId :
F9P26

Tgt Ion: 106 Resp: 2073
Ion Ratio Lower Upper
106 100
91 200.4 155.4 288.6

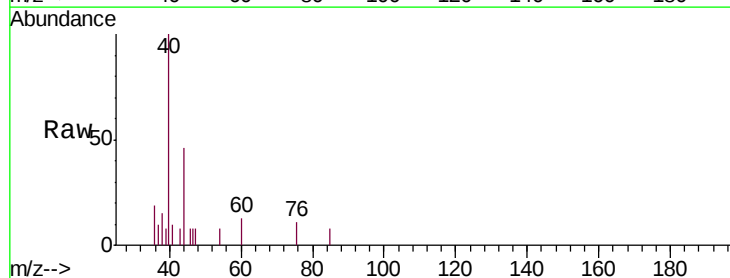


Abundance Ion 106.15 (105.85 to 106.85): VV011365.D (-2630) (-)
Ion 91.15 (90.85 to 91.85): VV011365.D (-2630) (-)



#66
1,2-Dibromo-3-chloropropane
Concen: 0.095 ug/L
RT: 12.53 min Scan# 3559
Delta R.T. 0.06 min
Lab File: VV011374.D
Acq: 11 Jun 2019 04:35

Tgt Ion: 75 Resp: 108
Ion Ratio Lower Upper
75 100
155 0.0 64.4 96.6#
157 0.0 66.7 100.1#



Abundance Ion 75.05 (74.75 to 75.75): VV011365.D (-3530) (-)
Ion 154.95 (154.65 to 155.65): VV011365.D (-3530) (-)
Ion 156.90 (156.60 to 157.60): VV011365.D (-3530) (-)

