

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007469.D
 Acq On : 13 Dec 2018 05:15
 Operator : SY/AP
 Sample : J6329-01
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 071-PIPE-1

Quant Time: Dec 13 05:44:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	8385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	16844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	15463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	6376	68.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.08%	
35) Dibromofluoromethane	7.88	113	4997	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.32	98	18494	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.62	95	25977	184.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	369.62%	

Target Compounds

						Qvalue
16) Acetone	4.13	43	1394	85.792	ug/l	89
18) Methyl Acetate	4.89	43	370	8.390	ug/l #	49
20) Methylene Chloride	4.92	84	755	4.968	ug/l #	90
25) 2-Butanone	7.18	43	315	14.850	ug/l #	45
30) Chloroform	7.62	83	296	1.727	ug/l #	18
31) Cyclohexane	7.94	56	339	2.346	ug/l #	56
36) 1,1-Dichloropropene	7.95	75	651	4.237	ug/l #	40
37) Ethyl Acetate	7.18	43	315	5.512	ug/l #	66
38) Carbon Tetrachloride	7.95	117	746	4.462	ug/l #	13
39) Methylcyclohexane	9.31	83	5133	27.588	ug/l #	10
43) Isopropyl Acetate	8.41	43	1616	14.315	ug/l #	50
45) 1,2-Dichloropropane	9.30	63	149	1.510	ug/l #	1
46) Dibromomethane	9.41	93	120	2.141	ug/l #	1
47) Bromodichloromethane	9.62	83	11693	79.549	ug/l #	28
48) Methyl methacrylate	9.47	41	860	14.833	ug/l #	54
51) 4-Methyl-2-Pentanone	10.25	43	8569	160.648	ug/l #	54
55) 1,1,2-Trichloroethane	10.76	97	38107	499.641	ug/l #	23
56) Ethyl methacrylate	10.66	69	10498	114.517	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.95	63	71	1.680	ug/l #	43
59) 2-Hexanone	10.94	43	60182	1692.059	ug/l #	30
61) 1,2-Dibromoethane	11.21	107	853	11.317	ug/l #	1
65) Chlorobenzene	11.57	112	473	1.468	ug/l #	40
67) Ethyl Benzene	11.74	91	1210	2.184	ug/l #	48
73) Isopropylbenzene	12.47	105	22989	26.182	ug/l	99
74) N-amyl acetate	12.26	43	82961	519.888	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.69	83	12852	98.826	ug/l #	91
78) n-propylbenzene	12.80	91	14771	14.948	ug/l	87
79) 2-Chlorotoluene	12.80	91	14771	24.705	ug/l	99
80) 1,3,5-Trimethylbenzene	12.90	105	809	1.097	ug/l	68
81) trans-1,4-Dichloro-2-buten	12.51	75	192	4.489	ug/l #	1
82) 4-Chlorotoluene	13.13	91	1676	2.659	ug/l	84
83) tert-Butylbenzene	13.21	119	4632	7.125	ug/l #	36
84) 1,2,4-Trimethylbenzene	13.12	105	2107	2.775	ug/l	72
85) sec-Butylbenzene	13.38	105	45053	50.768	ug/l #	50

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 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

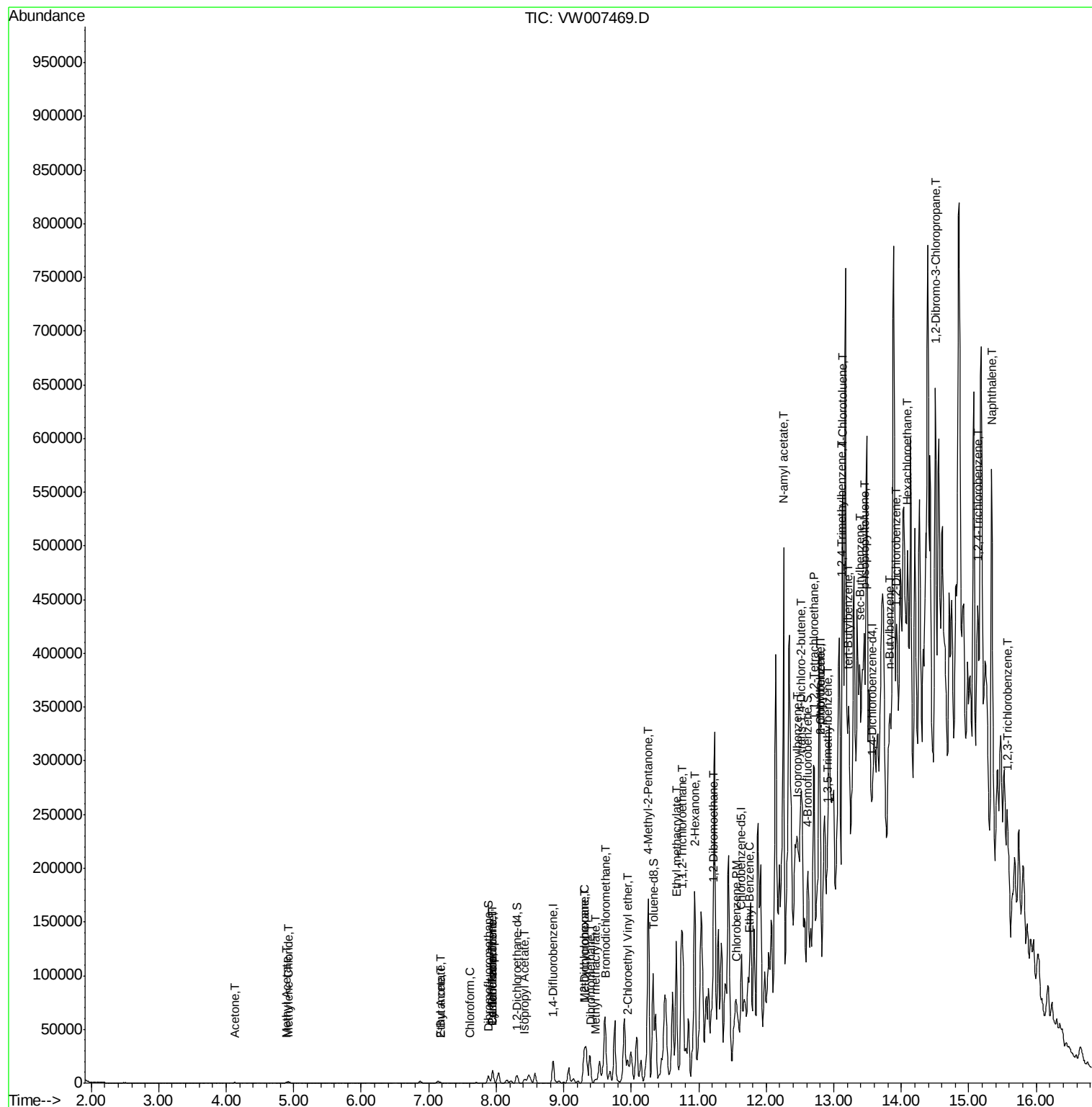
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
86) p-Isopropyltoluene	13.44	119	3601	4.517	ug/l	#	1
89) n-Butylbenzene	13.83	91	18486	25.012	ug/l	#	63
90) Hexachloroethane	14.09	117	2154	15.185	ug/l	#	14
91) 1,2-Dichlorobenzene	13.91	146	370	1.065	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1198	45.904	ug/l	#	3
93) 1,2,4-Trichlorobenzene	15.13	180	384	1.605	ug/l	#	1
95) Naphthalene	15.34	128	10290	22.489	ug/l	#	1
96) 1,2,3-Trichlorobenzene	15.58	180	754	3.629	ug/l	#	14

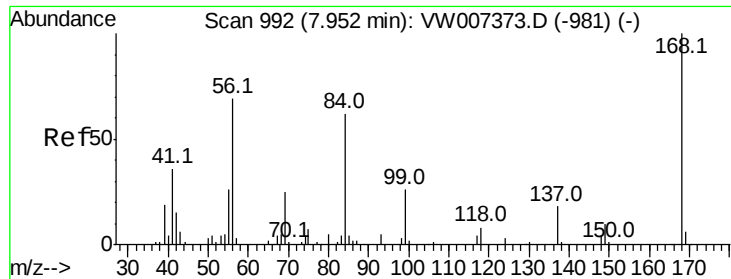
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
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Sample : J6329-01
Misc : 5.04G/5ML/MSVOA W/SOIL
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Instrument :
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071-PIPE-1

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

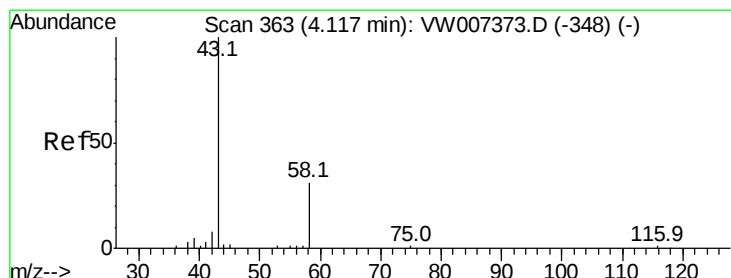
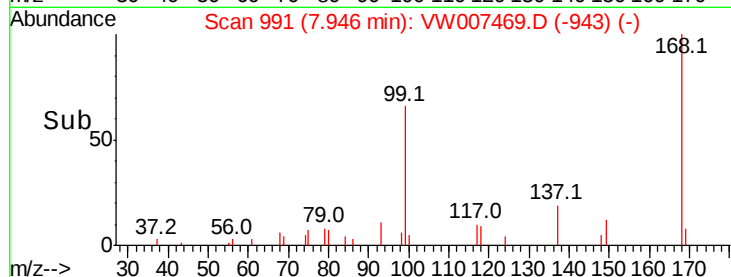
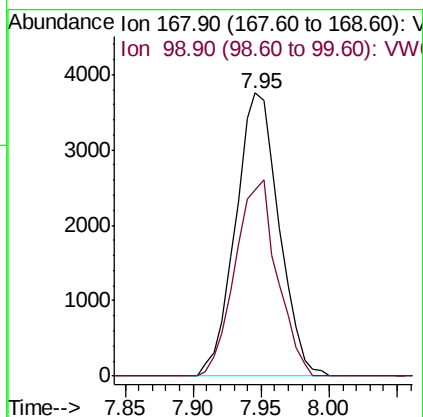
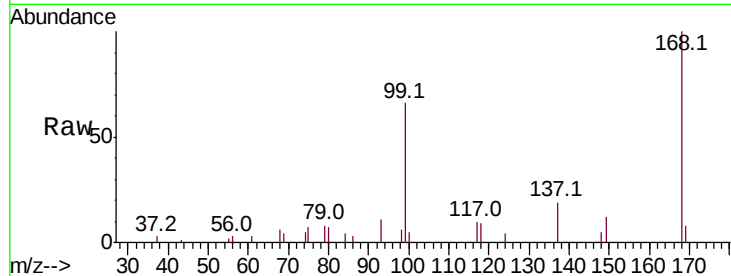




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

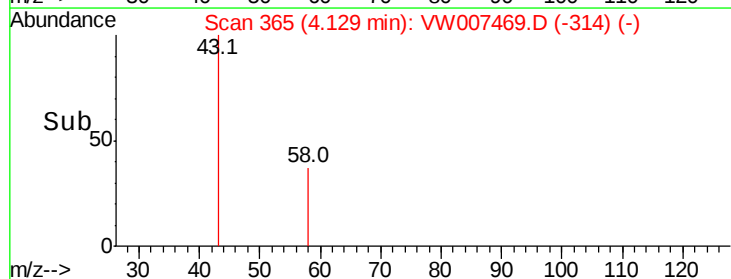
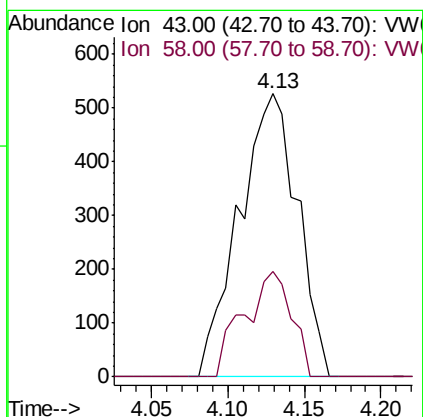
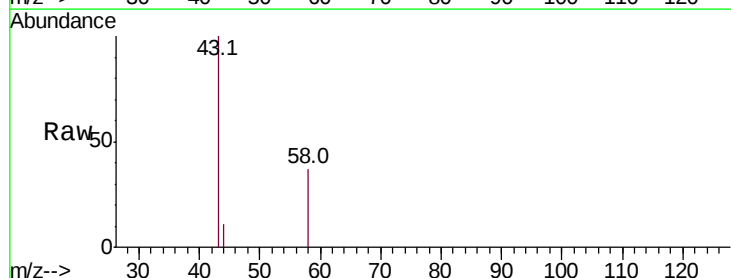
Instrument :
MSVOA_W
ClientSampleId :
071-PIPE-1

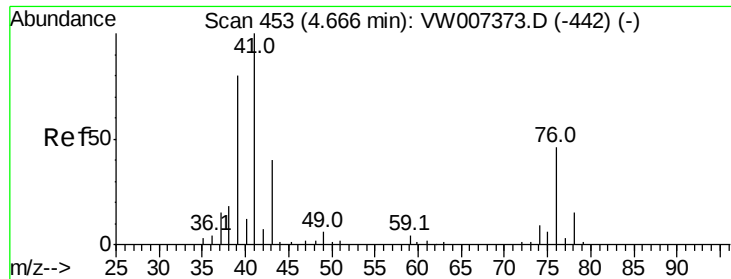
Tot Ion:168 Resp: 8385
Ion Ratio Lower Upper
168 100
99 65.8 48.3 72.5



#16
Acetone
Concen: 85.792 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 37.2 24.9 37.3

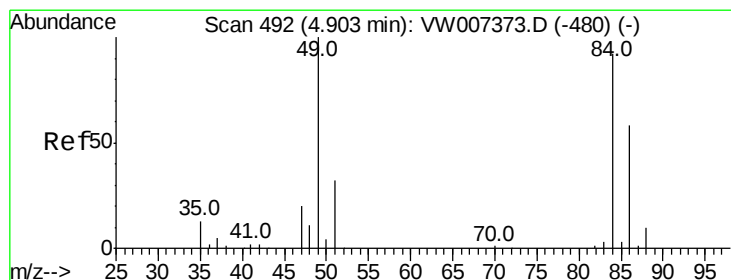
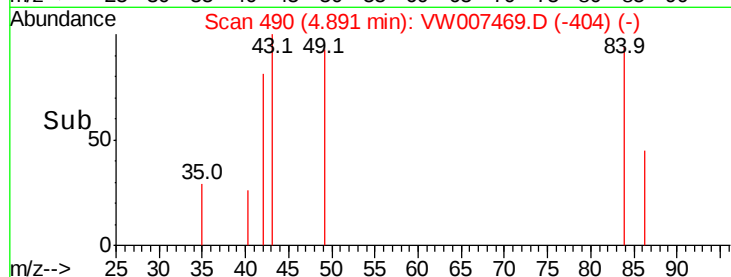
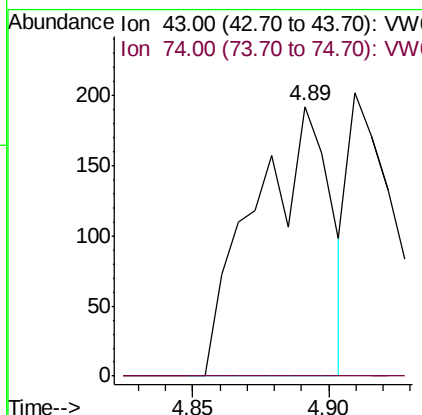
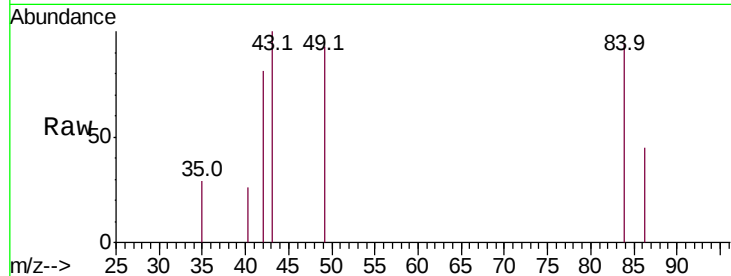




#18
Methyl Acetate
Concen: 8.390 ug/l
RT: 4.89 min Scan# 490
Delta R.T. 0.23 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

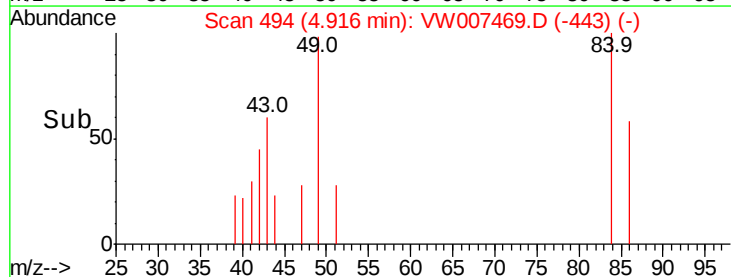
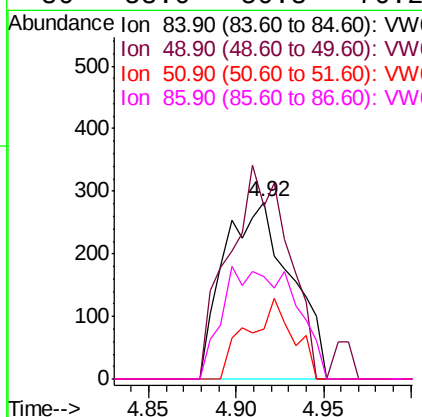
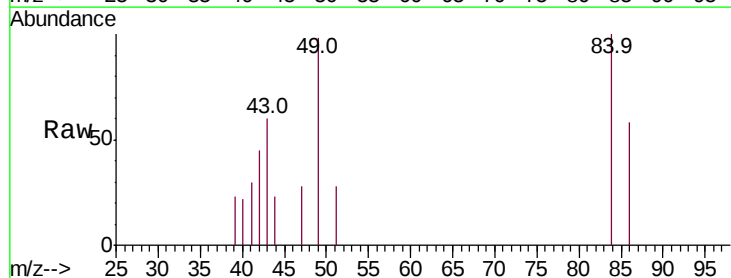
Instrument :
MSVOA_W
ClientSampleId :
071-PIPE-1

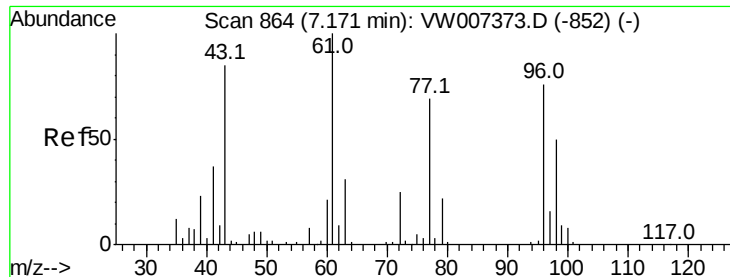
Tot Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: 4.968 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

Tgt Ion: 84 Resp: 755
Ion Ratio Lower Upper
84 100
49 97.9 87.1 130.7
51 27.9 28.2 42.2#
86 58.0 50.8 76.2





#25

2-Butanone

Concen: 14.850 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

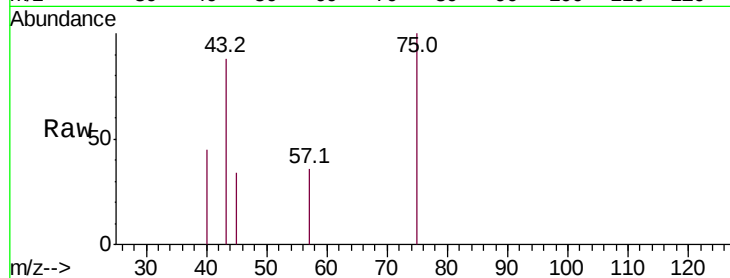
071-PIPE-1

Tot Ion: 43 Resp: 315

Ion Ratio Lower Upper

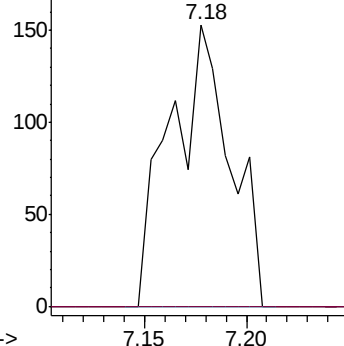
43 100

72 0.0 23.4 35.2#

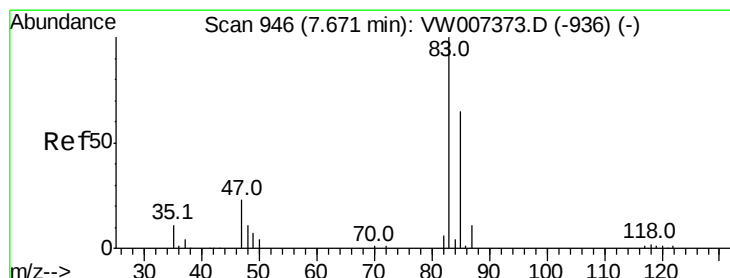
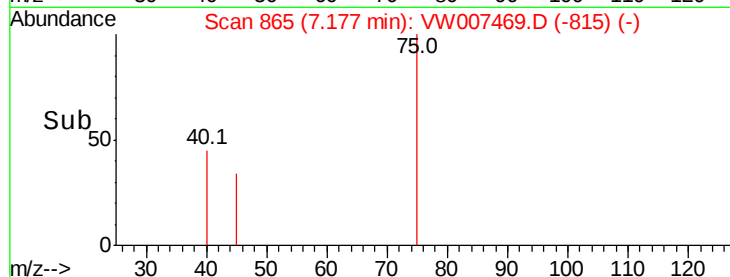


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#30

Chloroform

Concen: 1.727 ug/l

RT: 7.62 min Scan# 937

Delta R.T. -0.05 min

Lab File: VW007469.D

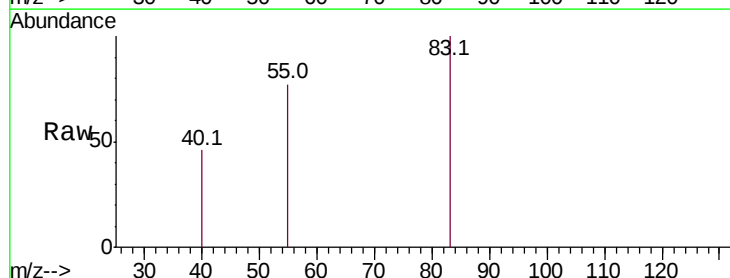
Acq: 13 Dec 2018 05:15

Tgt Ion: 83 Resp: 296

Ion Ratio Lower Upper

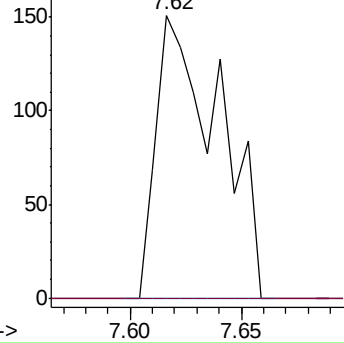
83 100

85 0.0 51.8 77.8#

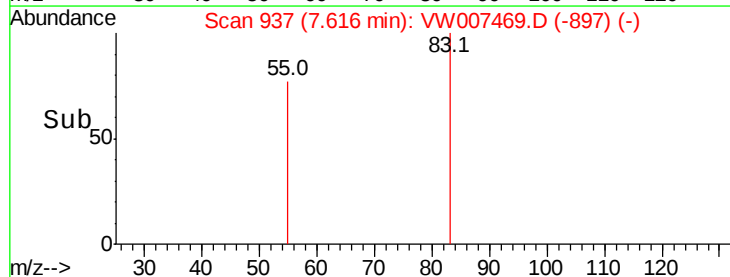


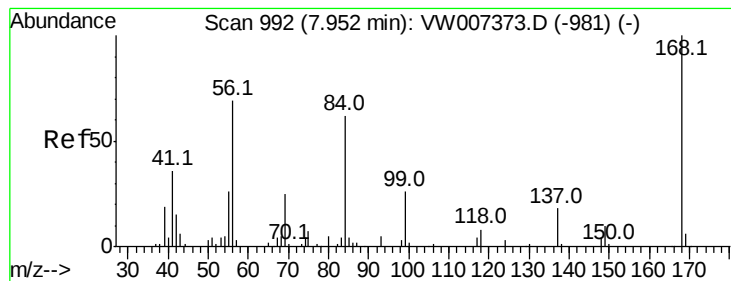
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW



Time-->





#31

Cyclohexane

Concen: 2.346 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

071-PIPE-1

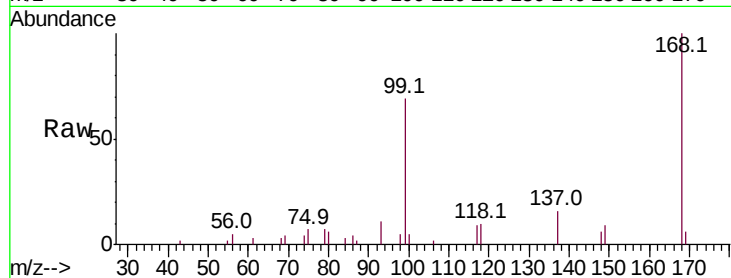
Tot Ion: 56 Resp: 339

Ion Ratio Lower Upper

56 100

69 86.8 28.9 43.3#

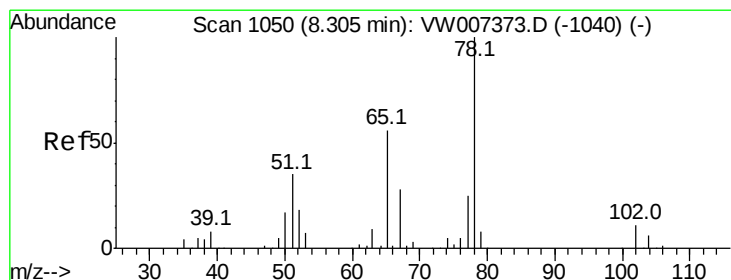
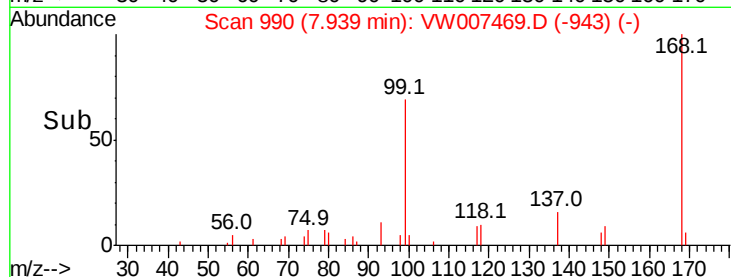
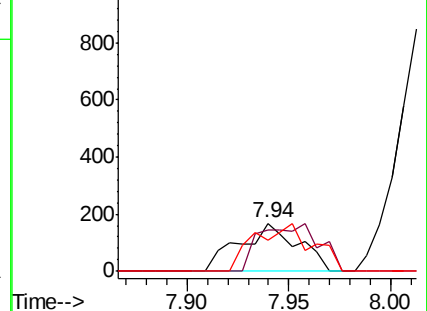
84 64.7 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 68.541 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007469.D

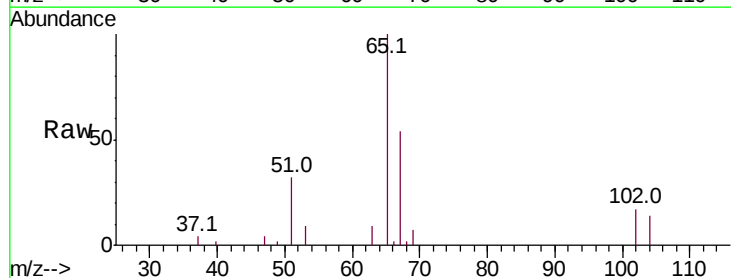
Acq: 13 Dec 2018 05:15

Tgt Ion: 65 Resp: 6376

Ion Ratio Lower Upper

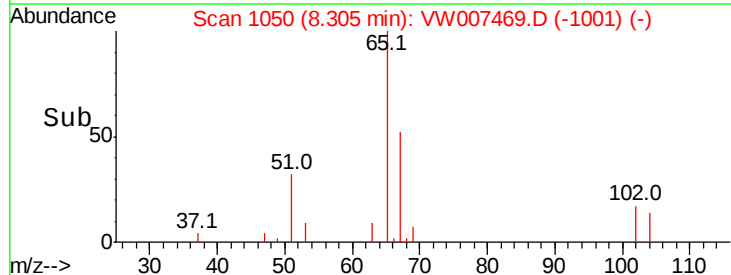
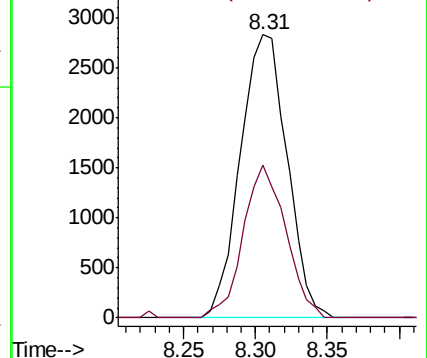
65 100

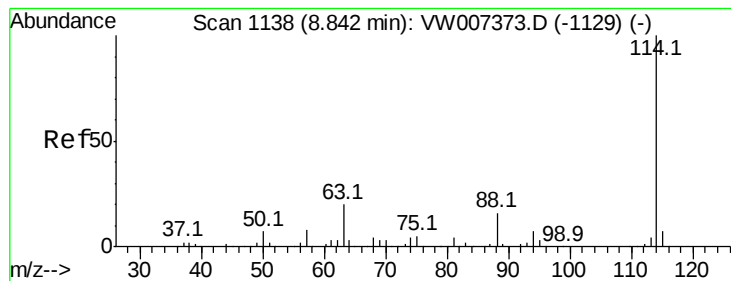
67 49.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampled :

071-PIPE-1

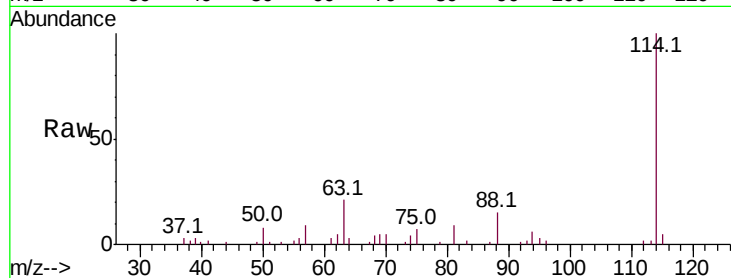
Tot Ion:114 Resp: 16844

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

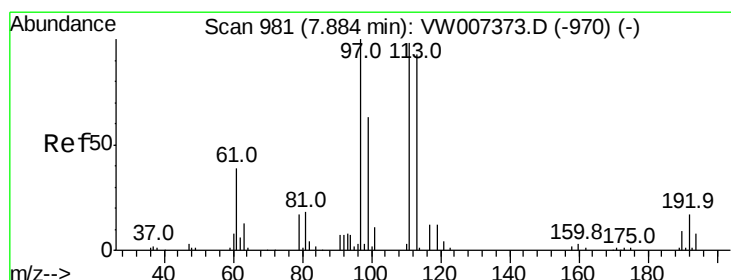
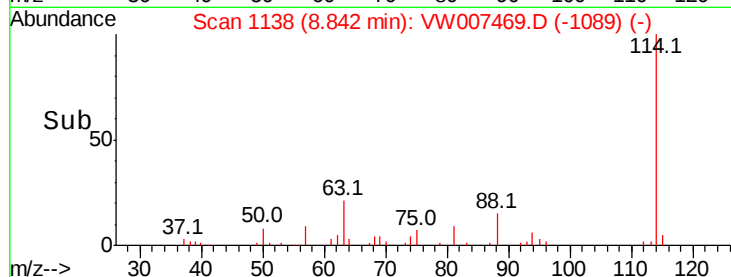
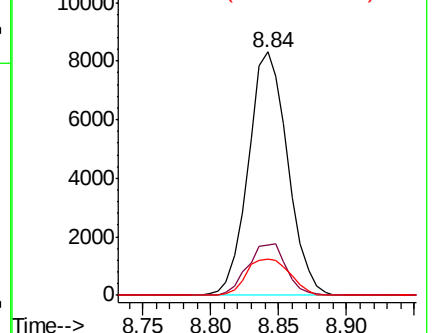
88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 49.008 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

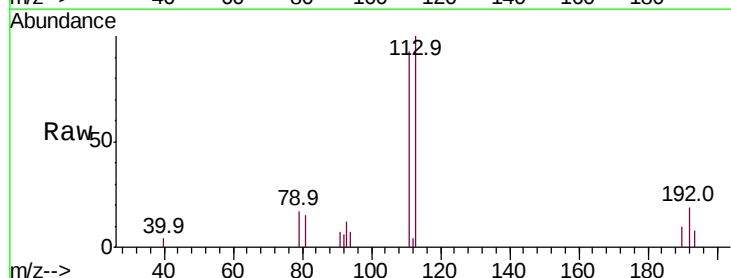
Tgt Ion:113 Resp: 4997

Ion Ratio Lower Upper

113 100

111 99.7 81.1 121.7

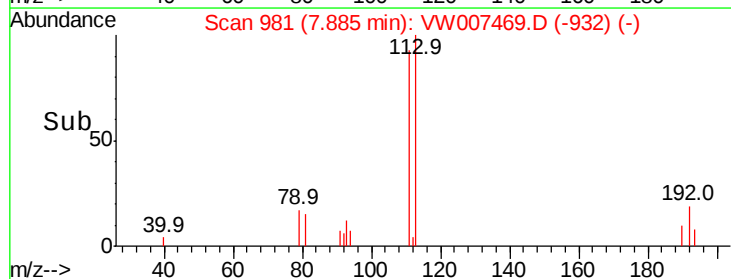
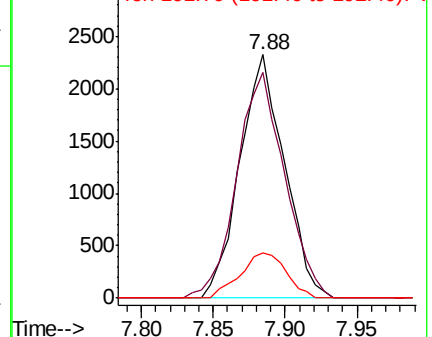
192 19.0 14.6 21.8

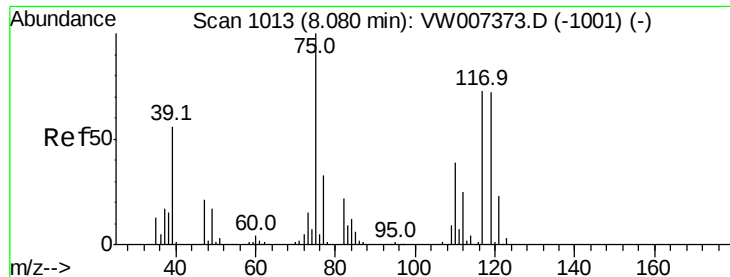


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

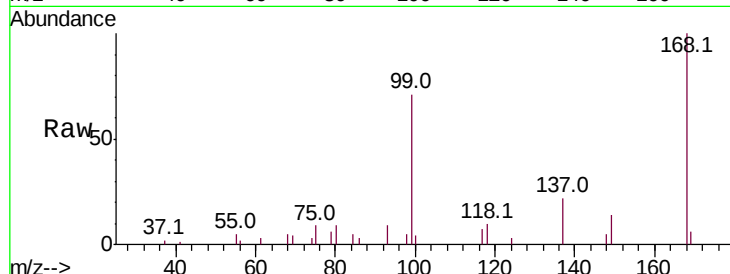




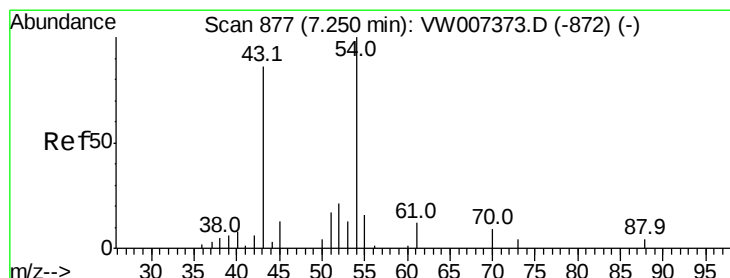
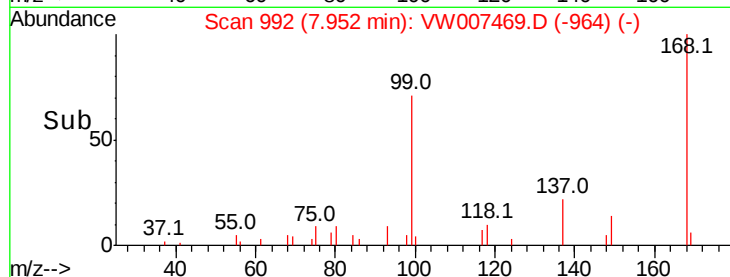
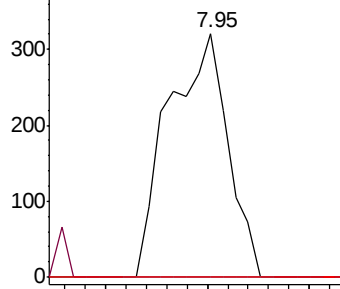
#36
 1,1-Dichloropropene
 Concen: 4.237 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007469.D
 Acq: 13 Dec 2018 05:15

Instrument :
 MSVOA_W
 ClientSampleId :
 071-PIPE-1

Tot Ion: 75 Resp: 651
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.5 55.5#
 77 0.0 25.6 38.4#

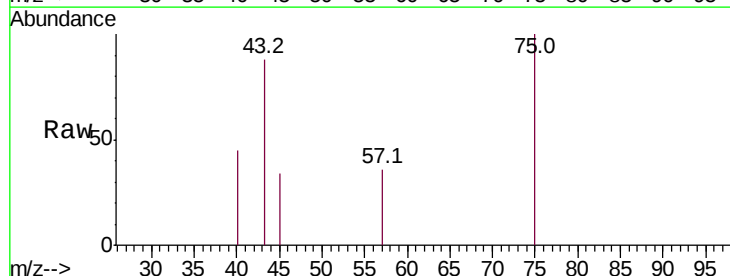


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): VW
 Ion 76.90 (76.60 to 77.60): VW

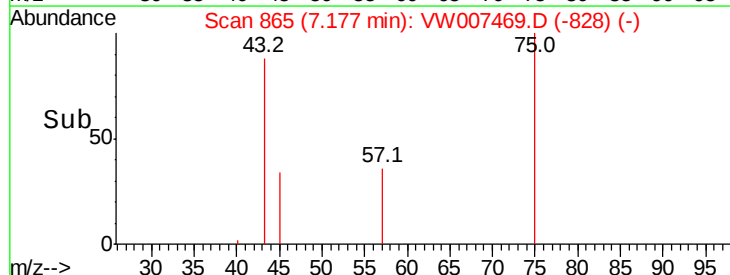
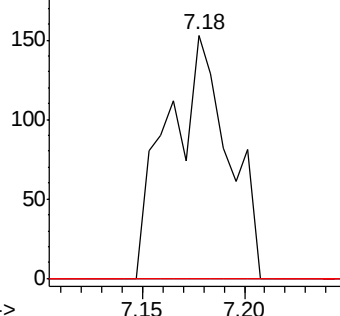


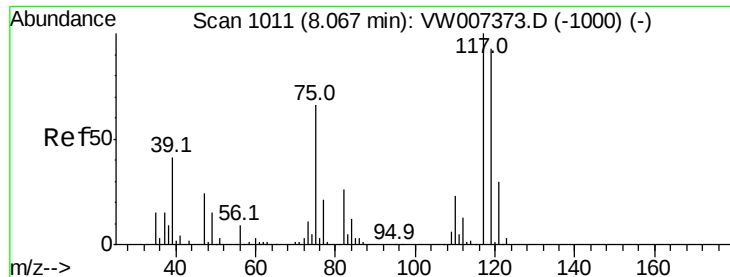
#37
 Ethyl Acetate
 Concen: 5.512 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW007469.D
 Acq: 13 Dec 2018 05:15

Tgt Ion: 43 Resp: 315
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

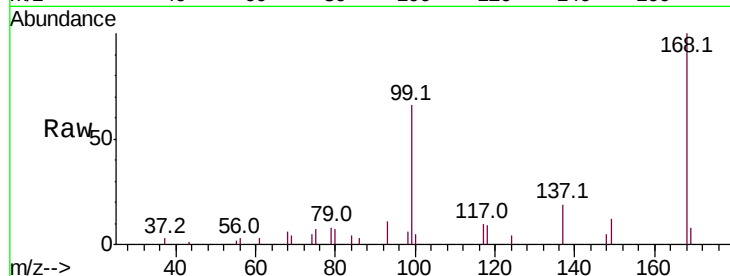




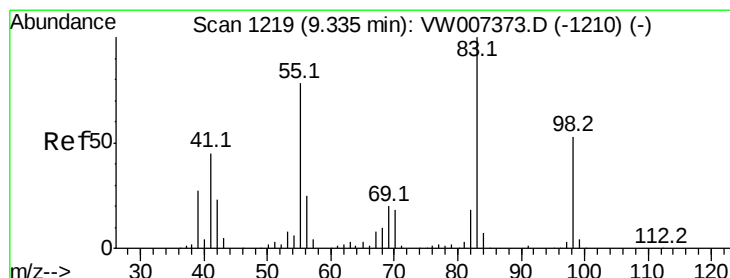
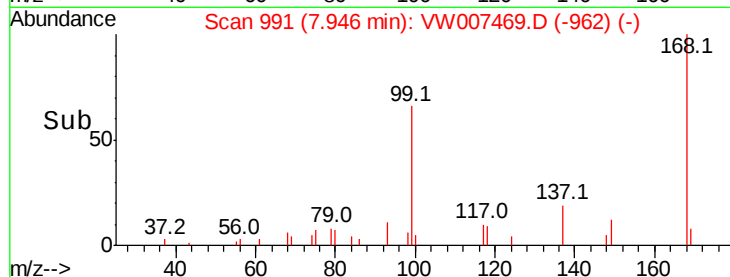
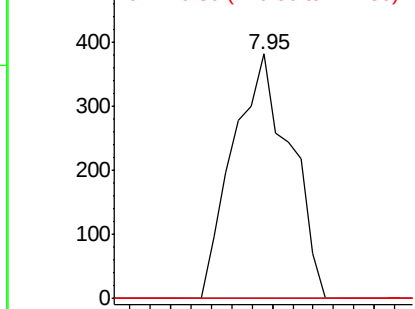
#38
Carbon Tetrachloride
Concen: 4.462 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

Instrument :
MSVOA_W
ClientSampleId :
071-PIPE-1

Tot Ion:117 Resp: 746
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#

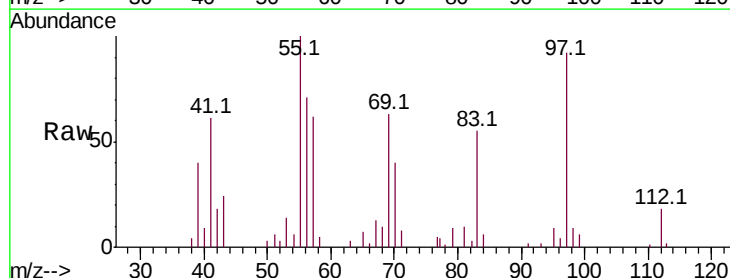


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

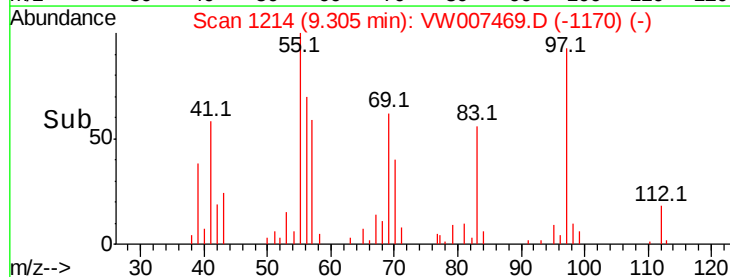
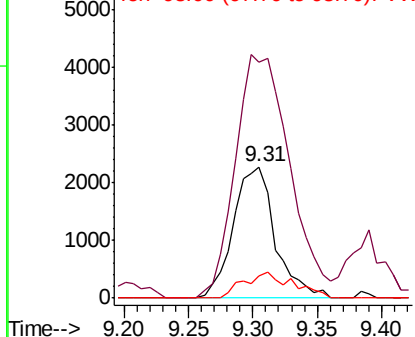


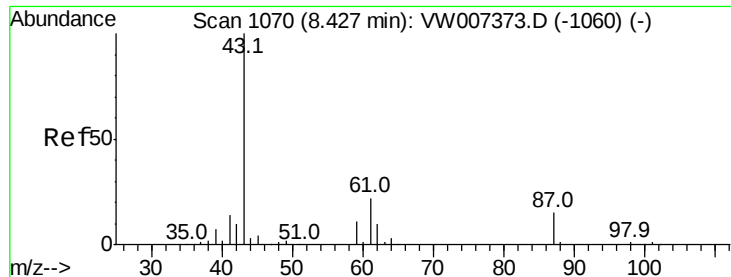
#39
Methylcyclohexane
Concen: 27.588 ug/l
RT: 9.31 min Scan# 1214
Delta R.T. -0.03 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

Tgt Ion: 83 Resp: 5133
Ion Ratio Lower Upper
83 100
55 180.4 62.8 94.2#
98 17.0 42.2 63.2#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 14.315 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

071-PIPE-1

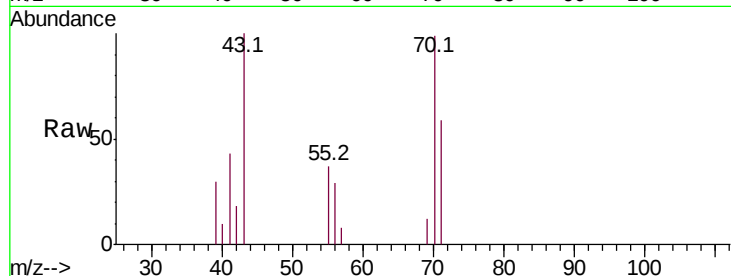
Tot Ion: 43 Resp: 1616

Ion Ratio Lower Upper

43 100

61 0.0 25.3 37.9#

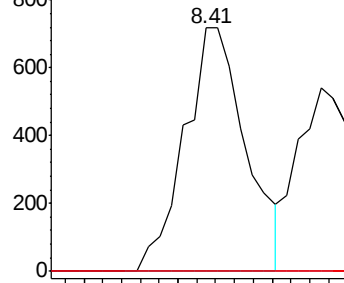
87 0.0 11.8 17.8#



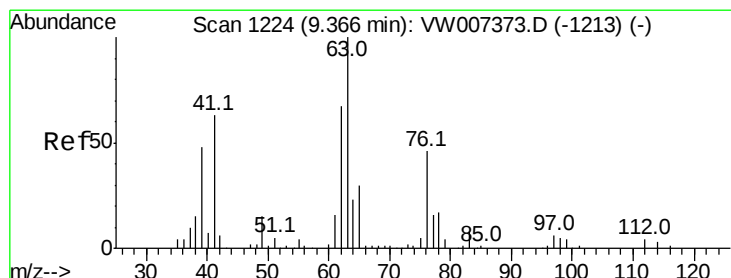
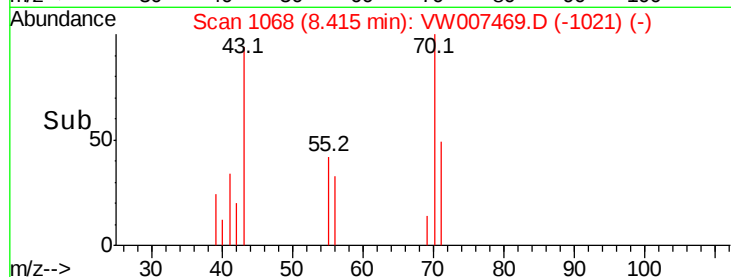
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



Time-->



#45

1,2-Dichloropropane

Concen: 1.510 ug/l

RT: 9.30 min Scan# 1213

Delta R.T. -0.07 min

Lab File: VW007469.D

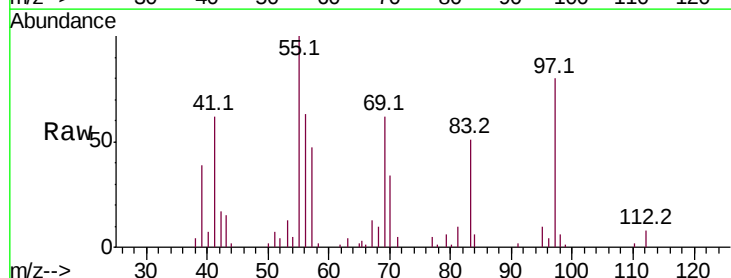
Acq: 13 Dec 2018 05:15

Tgt Ion: 63 Resp: 149

Ion Ratio Lower Upper

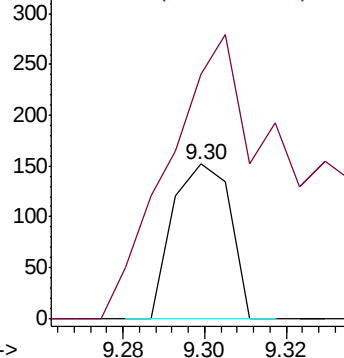
63 100

65 125.7 24.4 36.6#

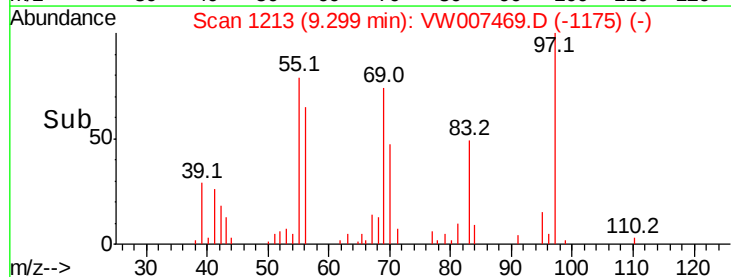


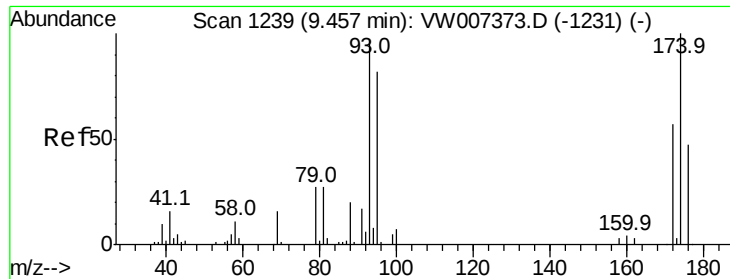
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



Time-->





#46

Dibromomethane

Concen: 2.141 ug/l

RT: 9.41 min Scan# 1231

Delta R.T. -0.05 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampled :

071-PIPE-1

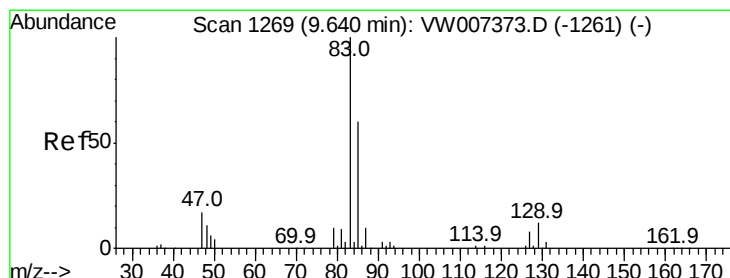
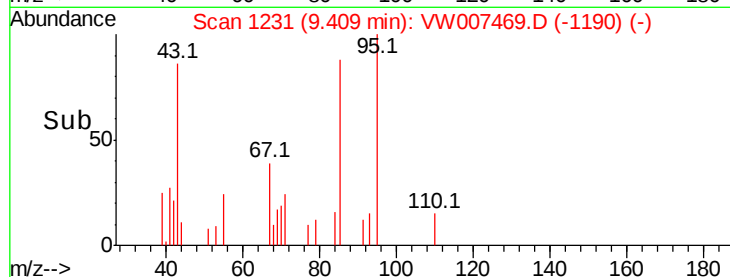
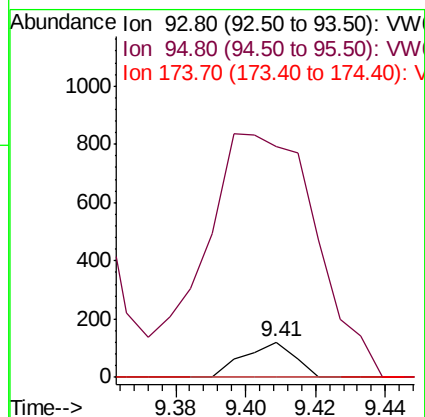
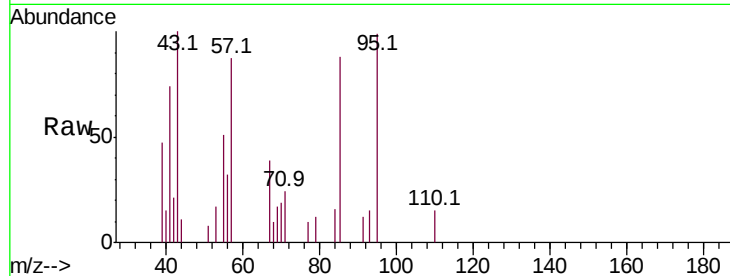
Tot Ion: 93 Resp: 120

Ion Ratio Lower Upper

93 100

95 1538.3 68.0 102.0#

174 0.0 83.2 124.8#



#47

Bromodichloromethane

Concen: 79.549 ug/l

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

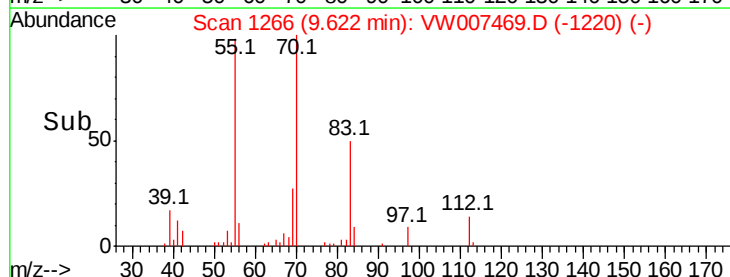
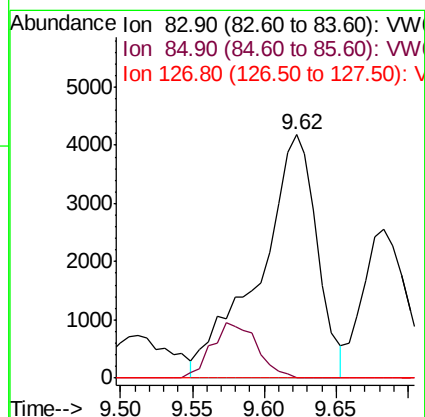
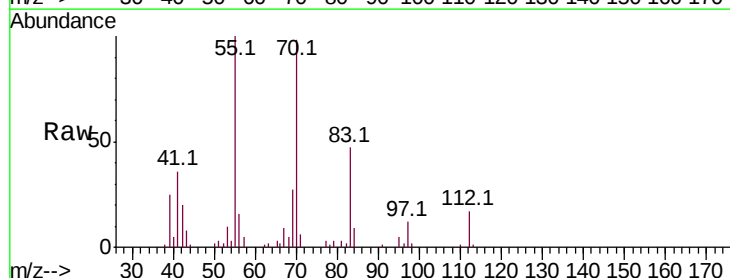
Tgt Ion: 83 Resp: 11693

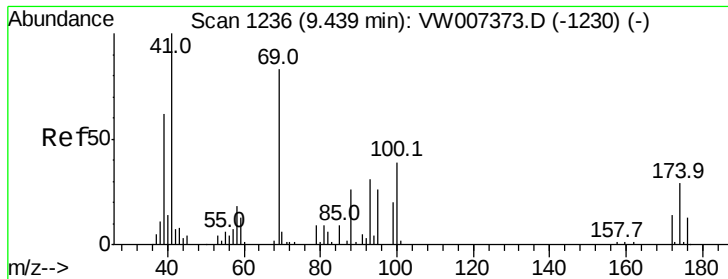
Ion Ratio Lower Upper

83 100

85 0.0 47.6 71.4#

127 0.0 6.7 10.1#





#48

Methyl methacrylate

Concen: 14.833 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampled :

071-PIPE-1

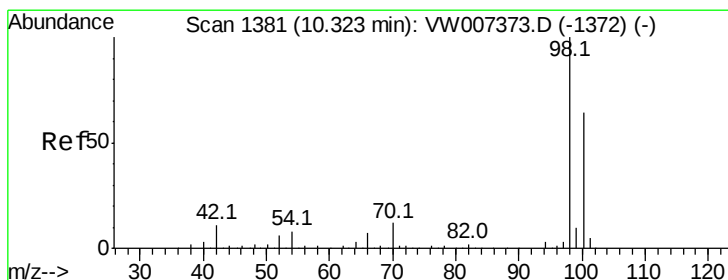
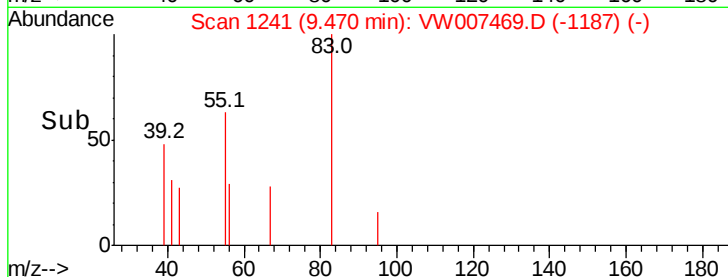
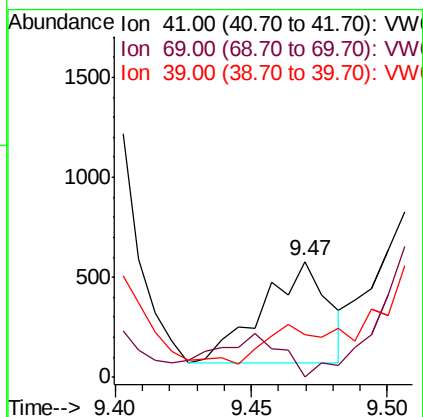
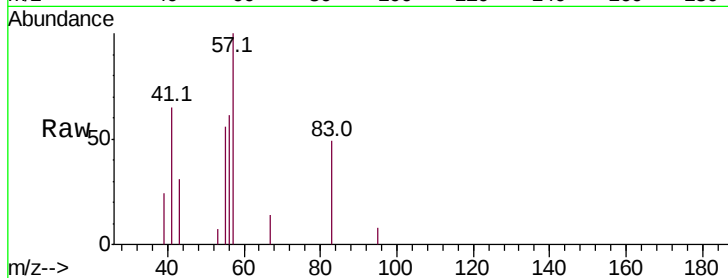
Tot Ion: 41 Resp: 860

Ion Ratio Lower Upper

41 100

69 43.1 69.8 104.8#

39 29.1 50.9 76.3#



#50

Toluene-d8

Concen: 48.375 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007469.D

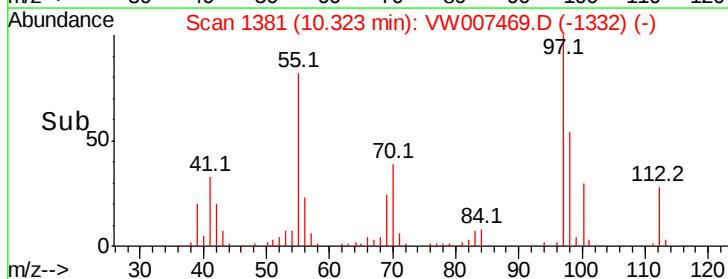
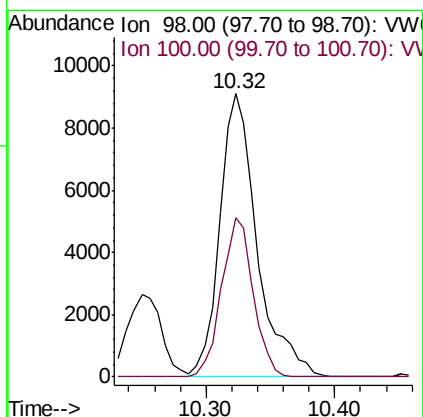
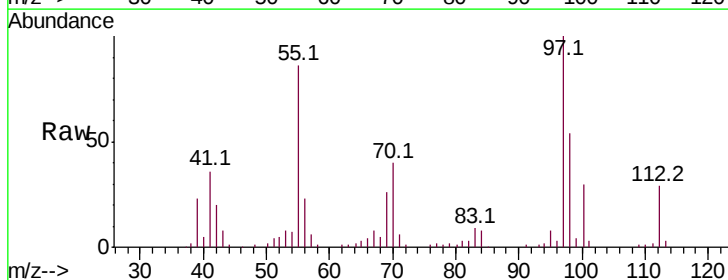
Acq: 13 Dec 2018 05:15

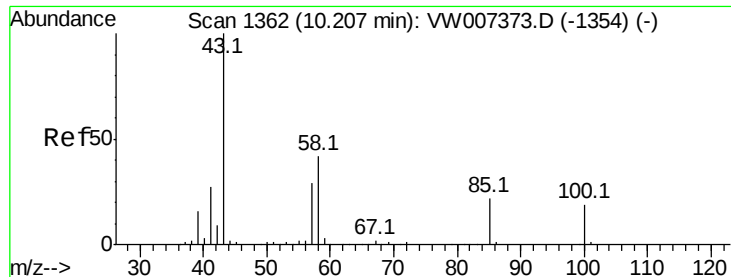
Tgt Ion: 98 Resp: 18494

Ion Ratio Lower Upper

98 100

100 47.6 51.8 77.8#





#51

4-Methyl-2-Pentanone

Concen: 160.648 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampled :

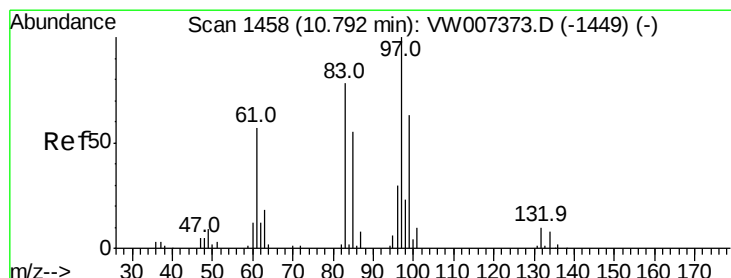
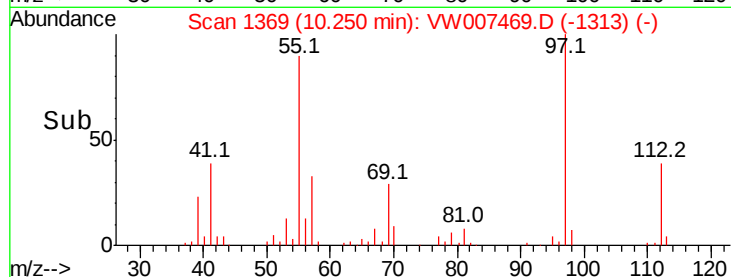
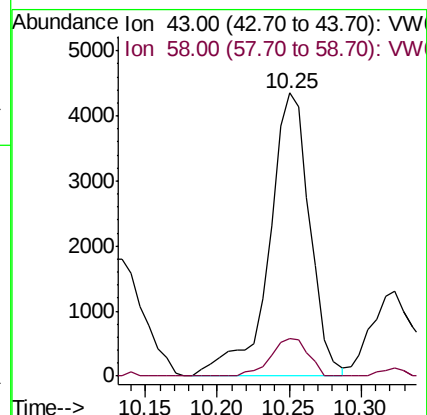
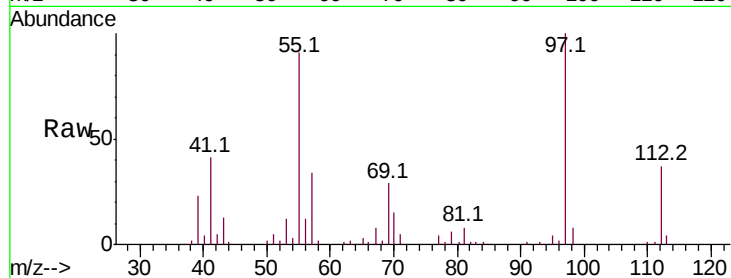
071-PIPE-1

Tot Ion: 43 Resp: 8569

Ion Ratio Lower Upper

43 100

58 12.2 33.1 49.7#



#55

1,1,2-Trichloroethane

Concen: 499.641 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Tgt Ion: 97 Resp: 38107

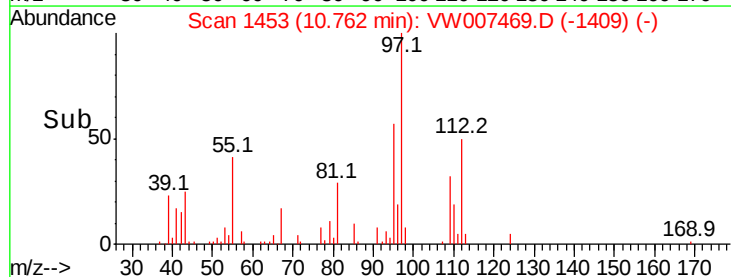
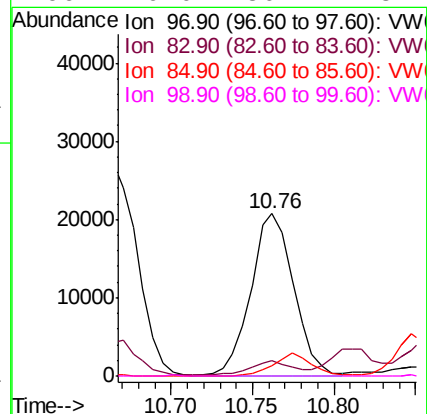
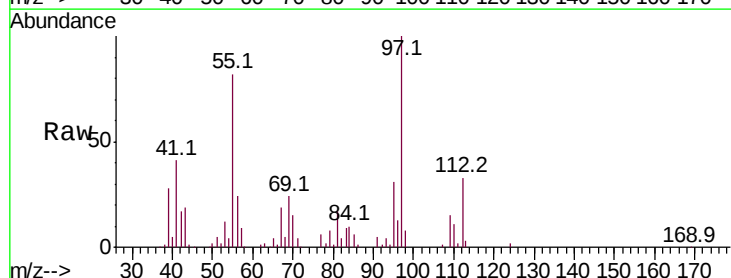
Ion Ratio Lower Upper

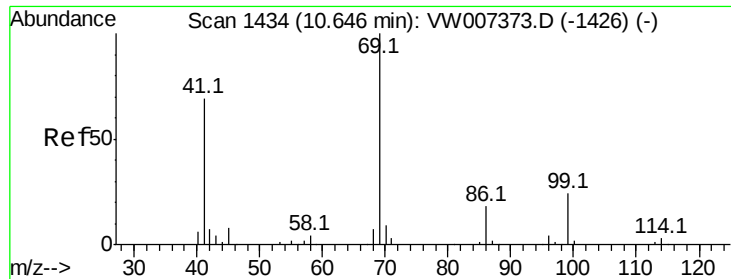
97 100

83 8.7 62.1 93.1#

85 6.2 44.2 66.4#

99 0.0 50.2 75.4#





#56

Ethyl methacrylate

Concen: 114.517 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampled :

071-PIPE-1

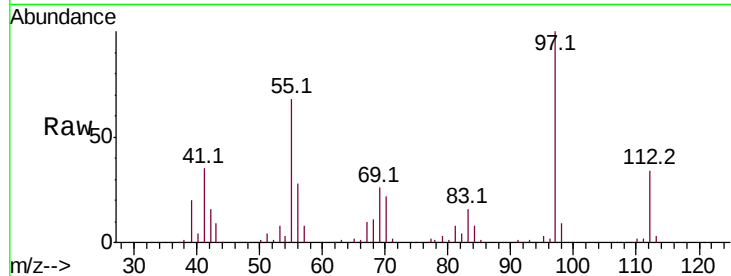
Tot Ion: 69 Resp: 10498

Ion Ratio Lower Upper

69 100

41 157.5 51.0 76.6#

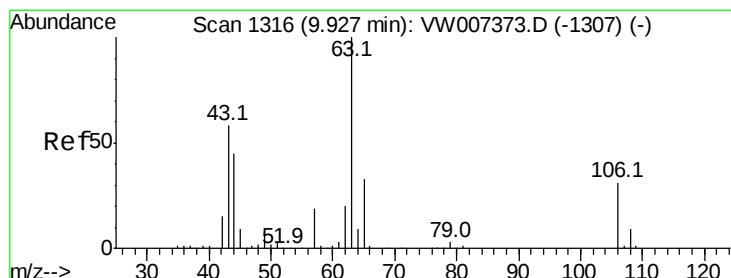
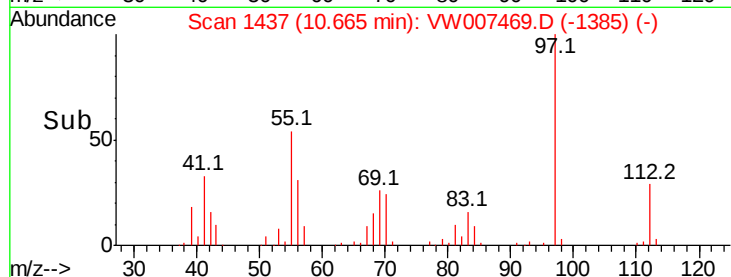
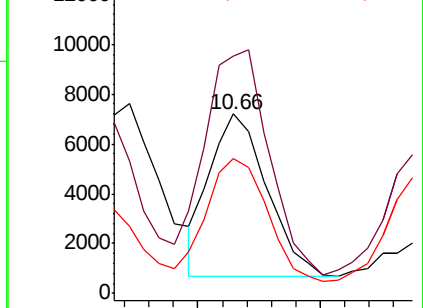
39 87.0 30.8 46.2#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#58

2-Chloroethyl Vinyl ether

Concen: 1.680 ug/l

RT: 9.95 min Scan# 1320

Delta R.T. 0.02 min

Lab File: VW007469.D

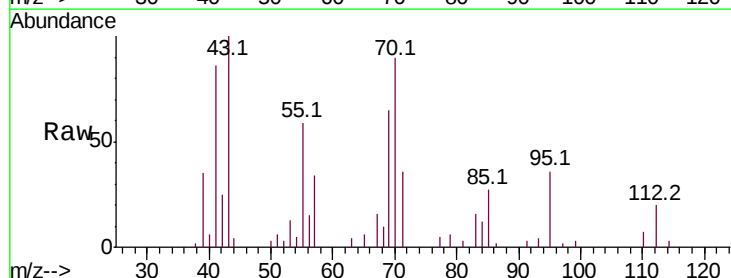
Acq: 13 Dec 2018 05:15

Tgt Ion: 63 Resp: 71

Ion Ratio Lower Upper

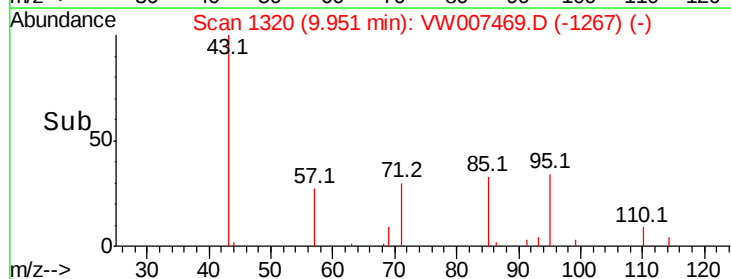
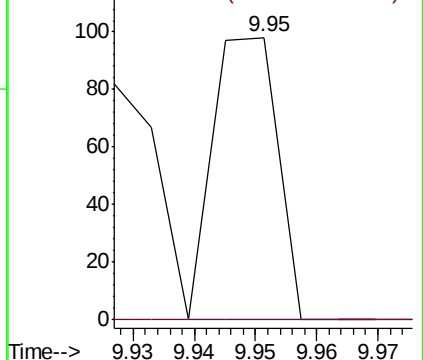
63 100

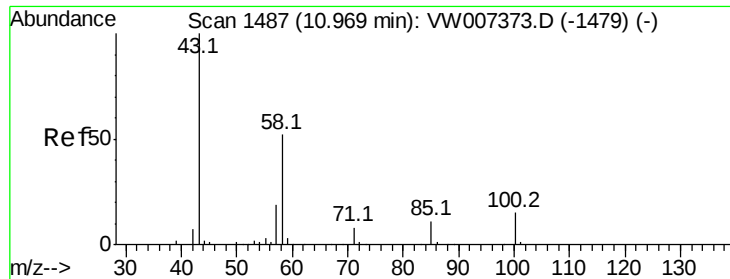
106 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 1692.059 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampled :

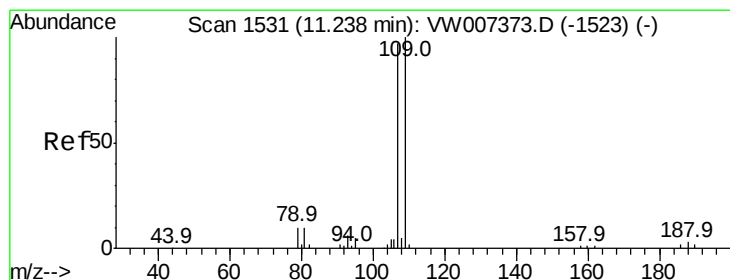
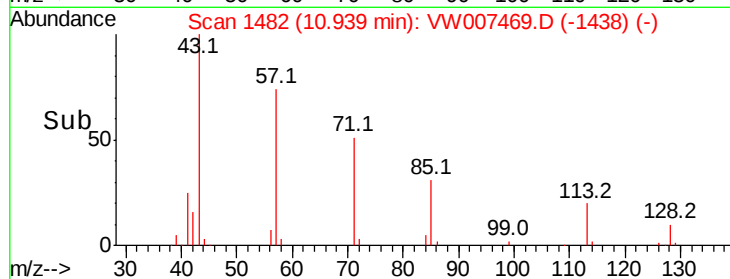
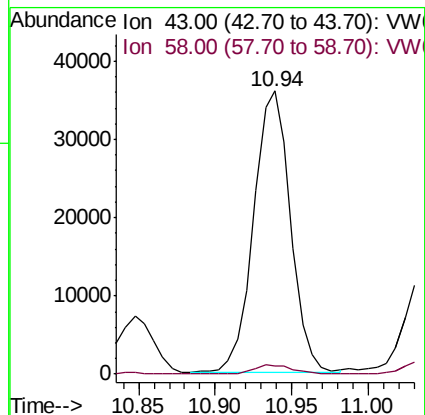
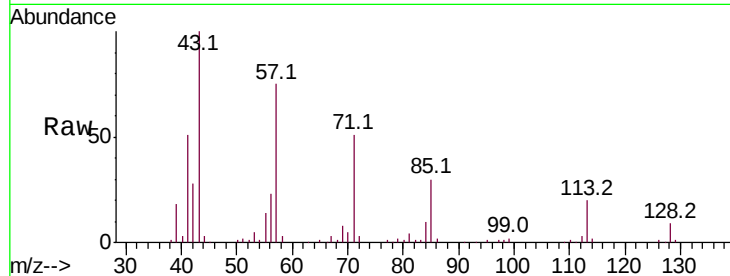
071-PIPE-1

Tot Ion: 43 Resp: 60182

Ion Ratio Lower Upper

43 100

58 3.7 27.1 81.3#



#61

1,2-Dibromoethane

Concen: 11.317 ug/l

RT: 11.21 min Scan# 1526

Delta R.T. -0.03 min

Lab File: VW007469.D

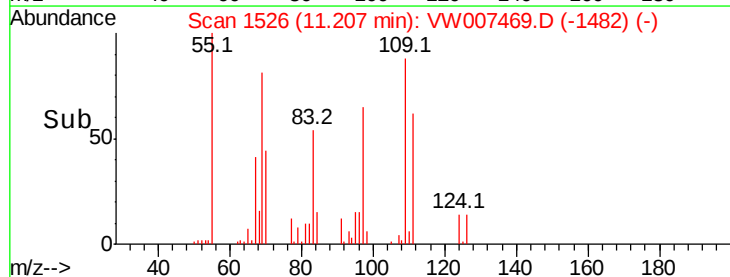
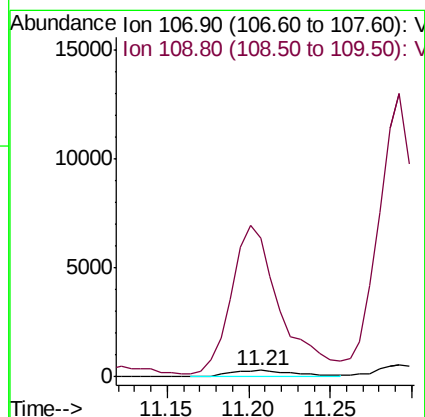
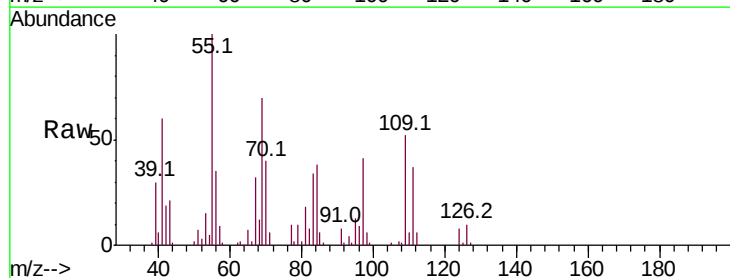
Acq: 13 Dec 2018 05:15

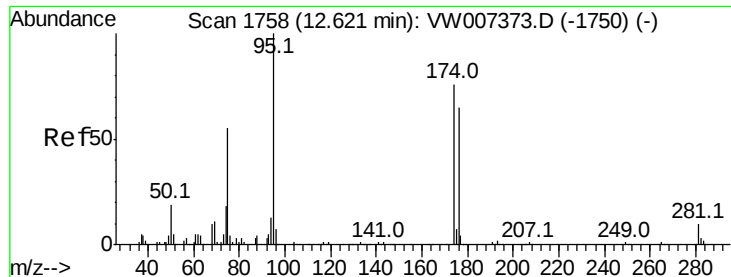
Tgt Ion: 107 Resp: 853

Ion Ratio Lower Upper

107 100

109 1661.0 79.1 118.7#

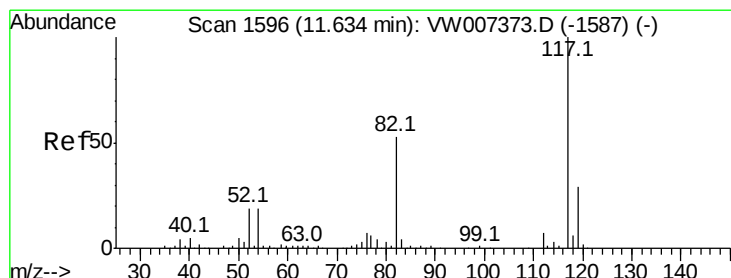
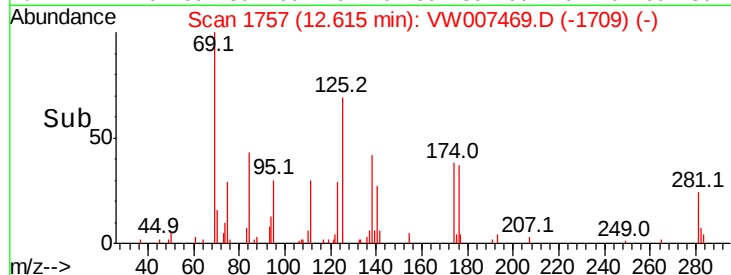
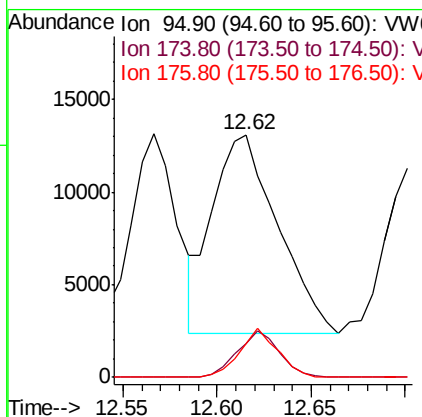
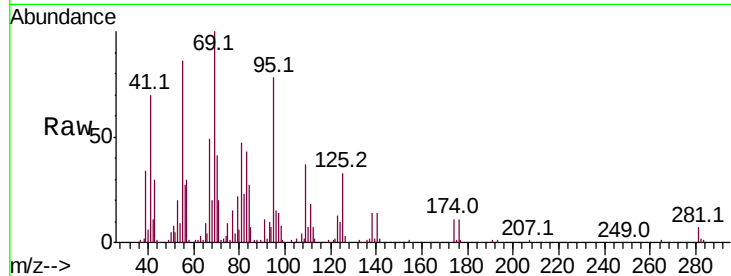




#62
4-Bromofluorobenzene
Concen: 184.805 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

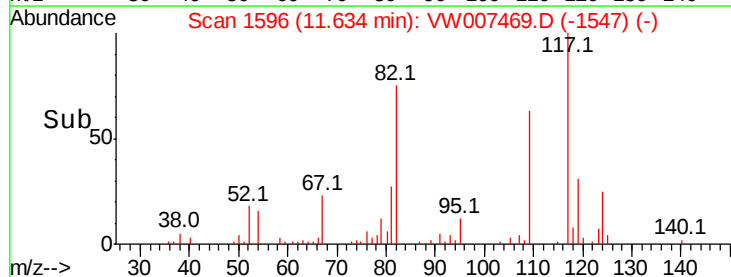
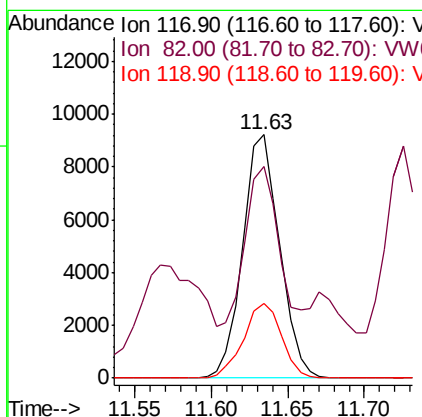
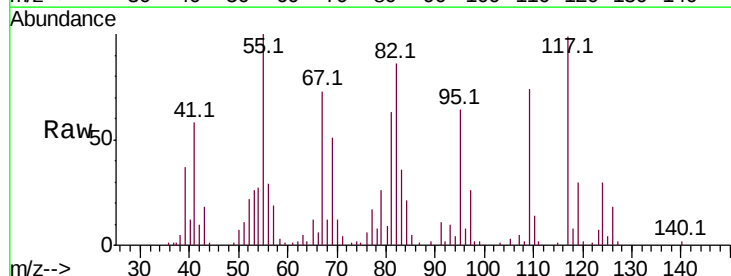
Instrument :
MSVOA_W
ClientSampled :
071-PIPE-1

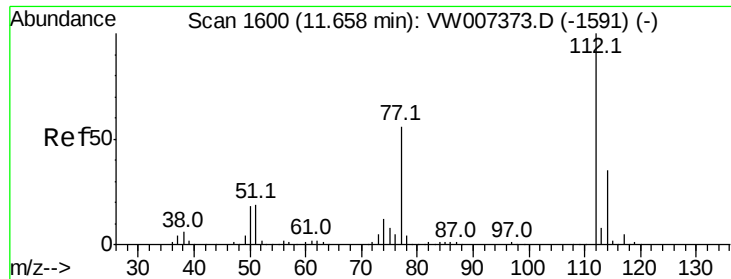
Tot Ion: 95 Resp: 25977
Ion Ratio Lower Upper
95 100
174 14.9 0.0 147.2
176 14.2 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

Tgt Ion: 117 Resp: 15463
Ion Ratio Lower Upper
117 100
82 60.3 42.3 63.5
119 30.6 23.0 34.6

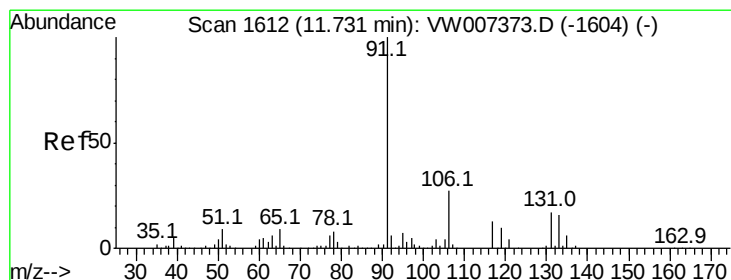
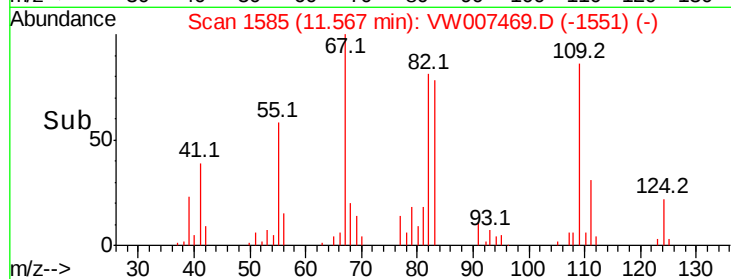
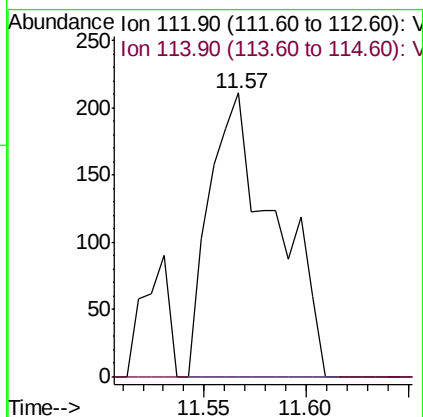
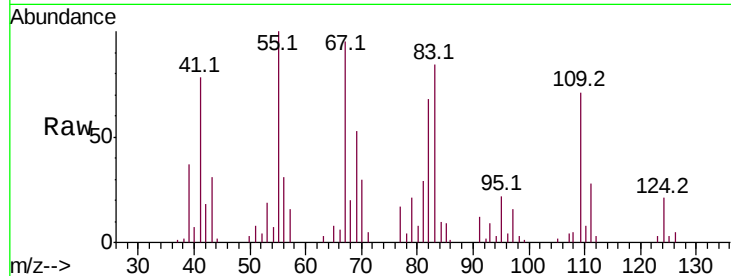




#65
Chlorobenzene
Concen: 1.468 ug/l
RT: 11.57 min Scan# 1585
Delta R.T. -0.09 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

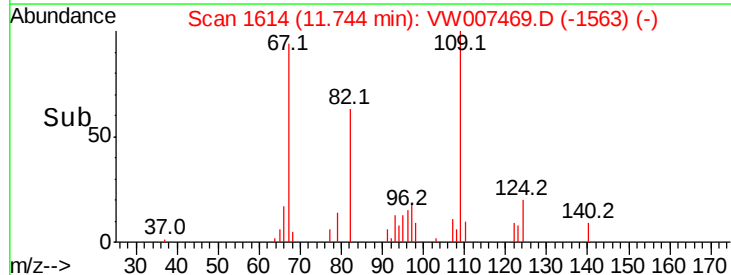
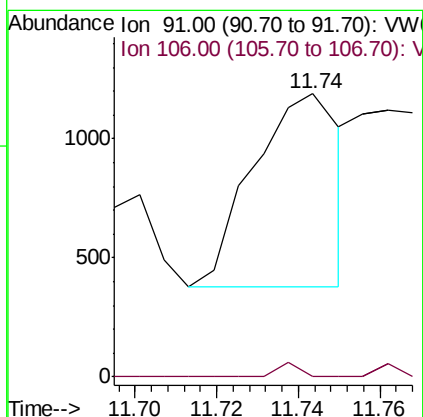
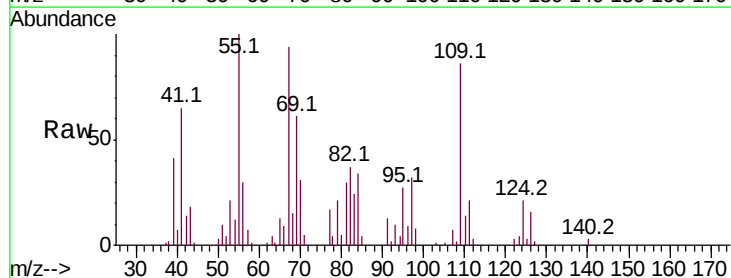
Instrument :
MSVOA_W
ClientSampled :
071-PIPE-1

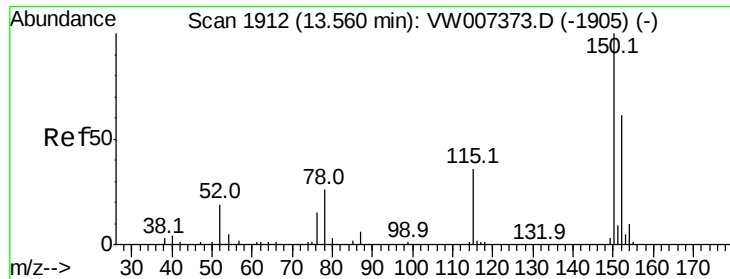
Tot Ion:112 Resp: 473
Ion Ratio Lower Upper
112 100
114 0.0 27.8 41.8#



#67
Ethyl Benzene
Concen: 2.184 ug/l
RT: 11.74 min Scan# 1614
Delta R.T. 0.01 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

Tgt Ion: 91 Resp: 1210
Ion Ratio Lower Upper
91 100
106 0.0 21.8 32.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

071-PIPE-1

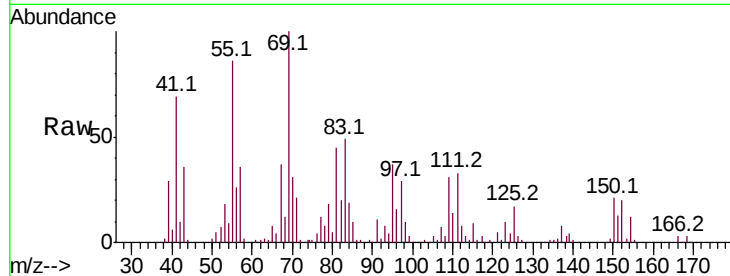
Tot Ion:152 Resp: 11459

Ion Ratio Lower Upper

152 100

115 31.5 31.4 94.2

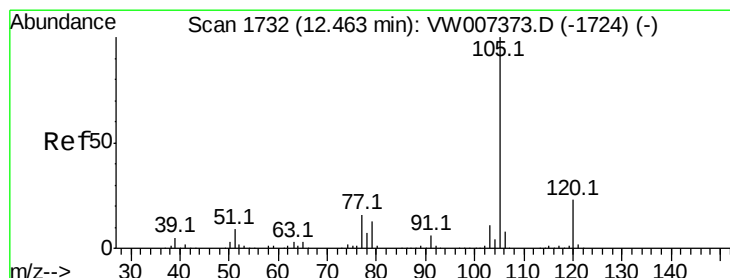
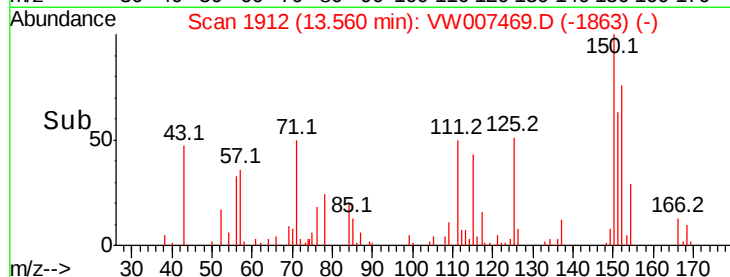
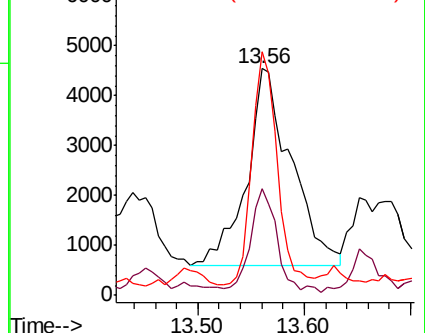
150 68.3 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 26.182 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007469.D

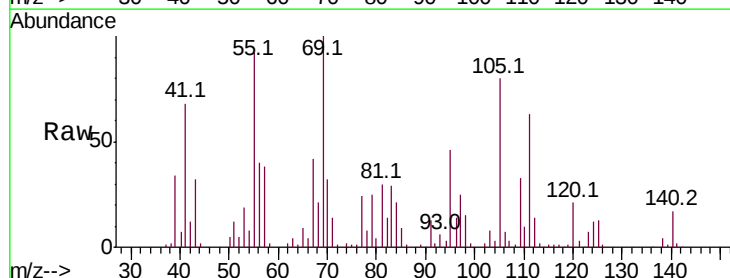
Acq: 13 Dec 2018 05:15

Tgt Ion:105 Resp: 22989

Ion Ratio Lower Upper

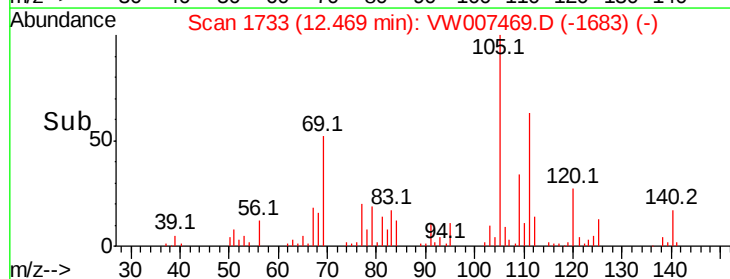
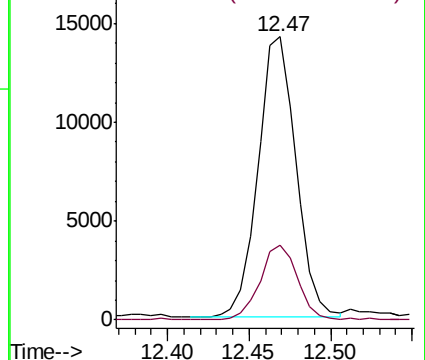
105 100

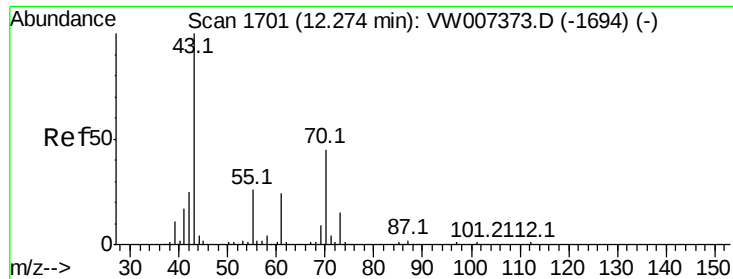
120 26.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 519.888 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

071-PIPE-1

Tot Ion: 43 Resp: 82961

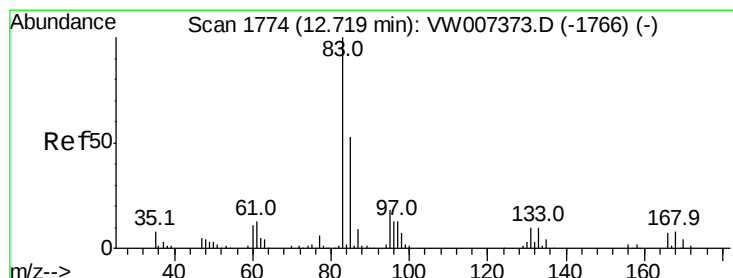
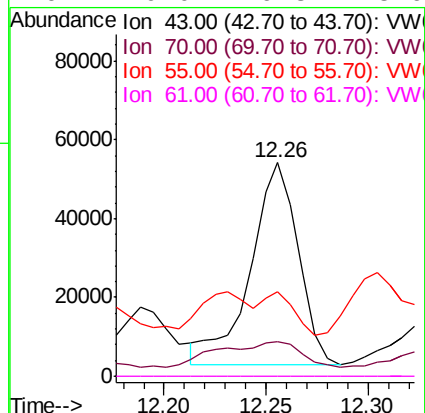
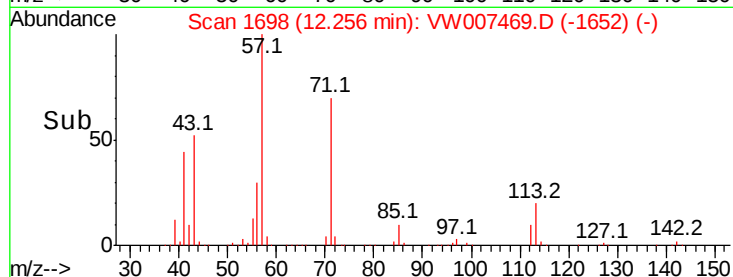
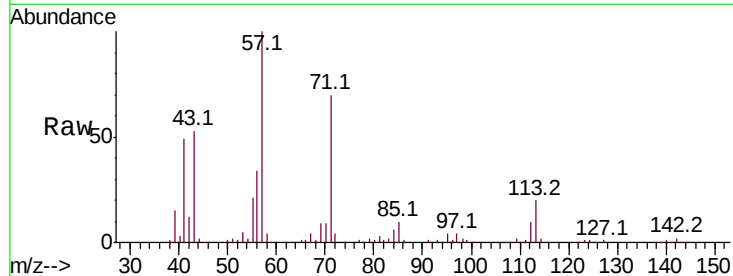
Ion Ratio Lower Upper

43 100

70 21.5 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 98.826 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

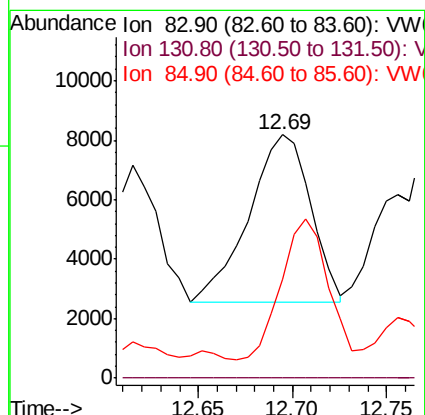
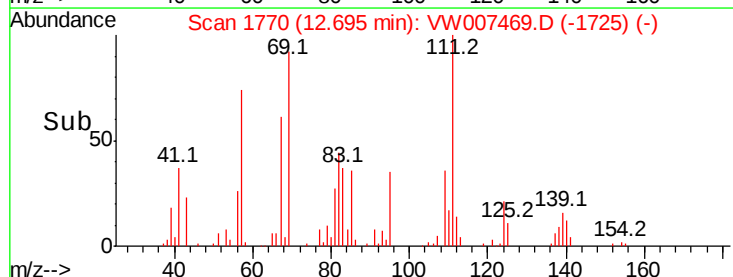
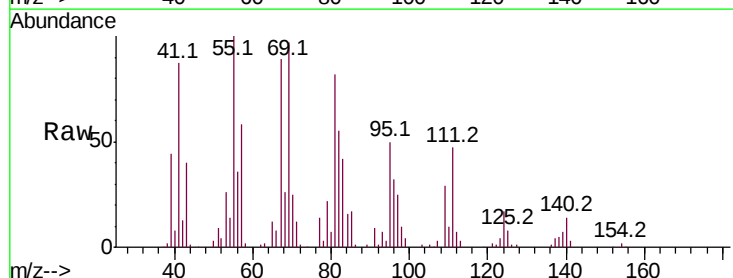
Tgt Ion: 83 Resp: 12852

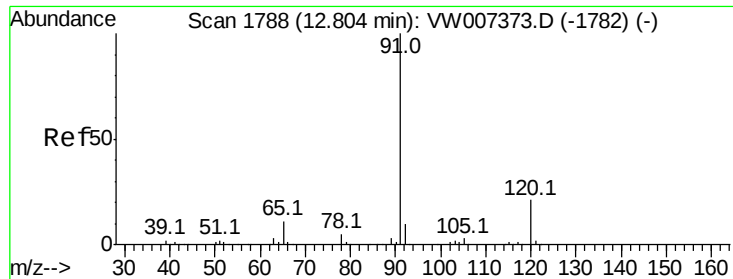
Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

85 63.8 30.0 90.0

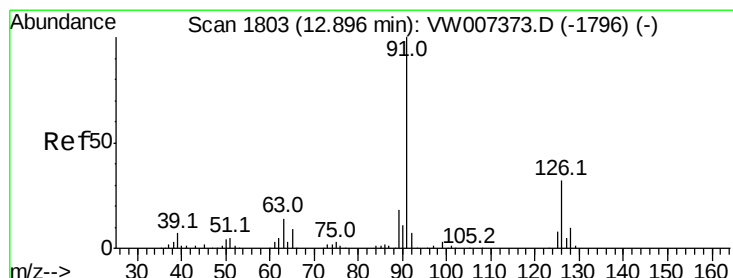
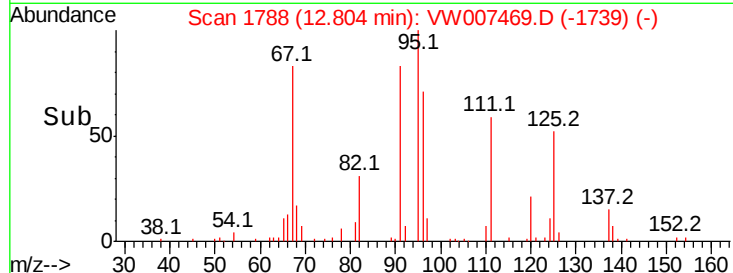
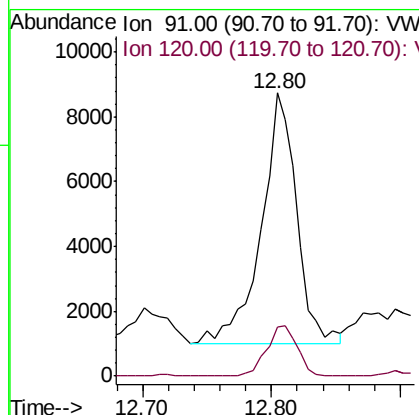
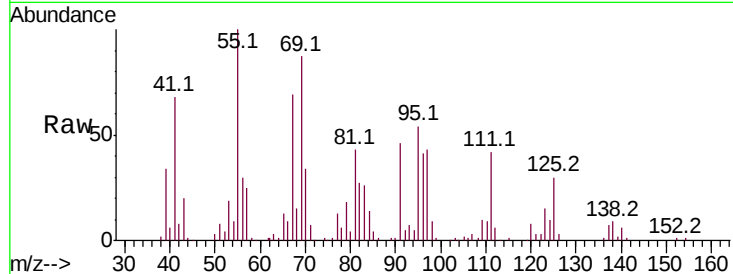




#78
 n-propylbenzene
 Concen: 14.948 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: VW007469.D
 Acq: 13 Dec 2018 05:15

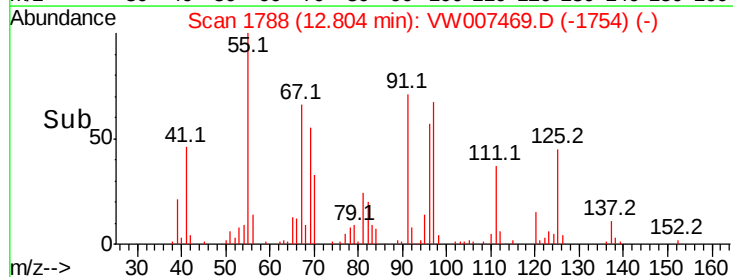
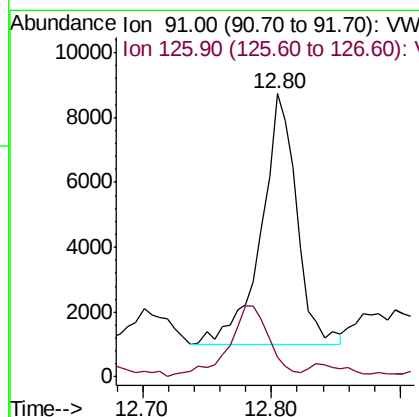
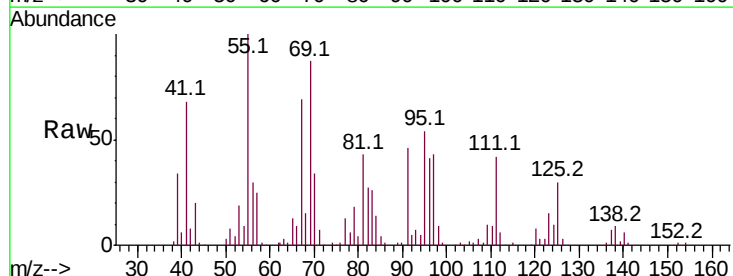
Instrument :
 MSVOA_W
 ClientSampleId :
 071-PIPE-1

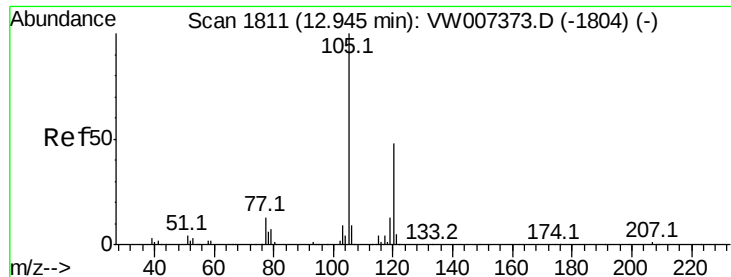
Tot Ion: 91 Resp: 14771
 Ion Ratio Lower Upper
 91 100
 120 17.3 11.9 35.5



#79
 2-Chlorotoluene
 Concen: 24.705 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.09 min
 Lab File: VW007469.D
 Acq: 13 Dec 2018 05:15

Tgt Ion: 91 Resp: 14771
 Ion Ratio Lower Upper
 91 100
 126 32.5 15.9 47.6





#80

1,3,5-Trimethylbenzene

Concen: 1.097 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. -0.04 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

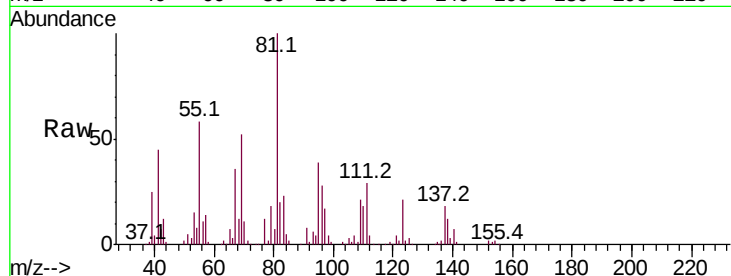
071-PIPE-1

Tot Ion:105 Resp: 809

Ion Ratio Lower Upper

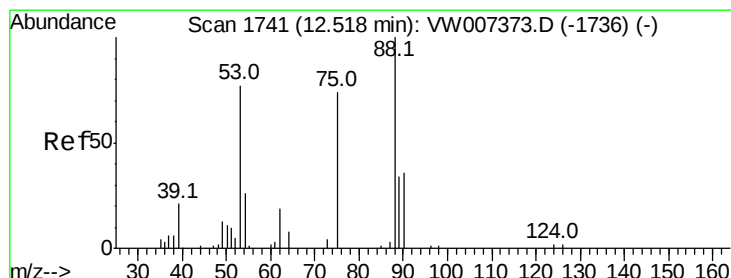
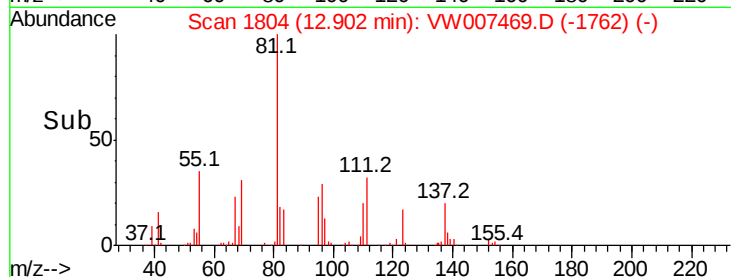
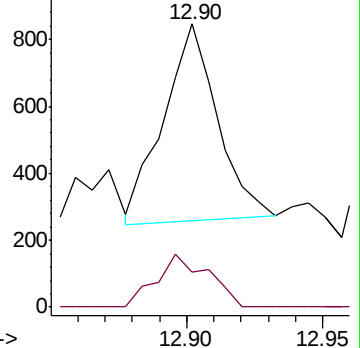
105 100

120 26.1 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 4.489 ug/l

RT: 12.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

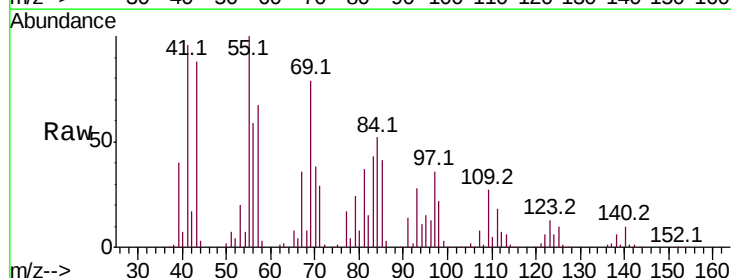
Tgt Ion: 75 Resp: 192

Ion Ratio Lower Upper

75 100

53 2158.3 84.9 127.3#

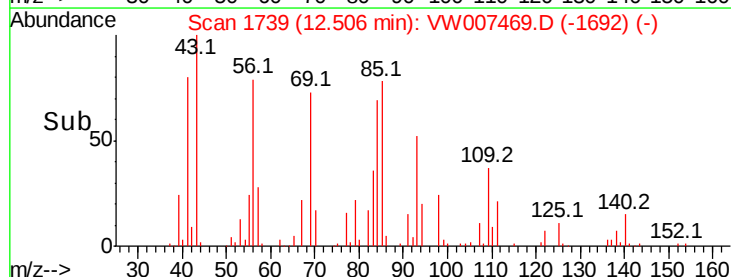
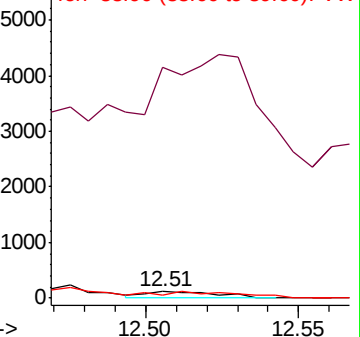
89 92.7 40.3 60.5#

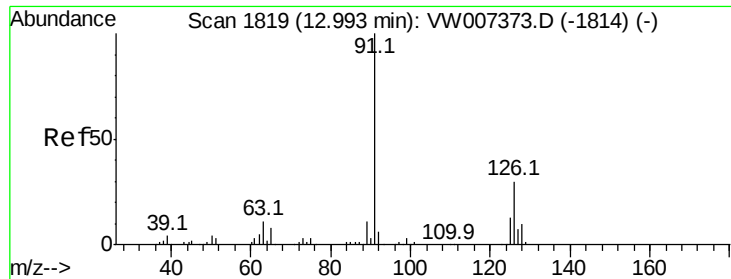


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

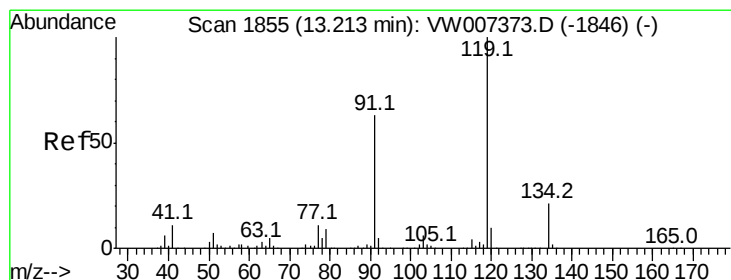
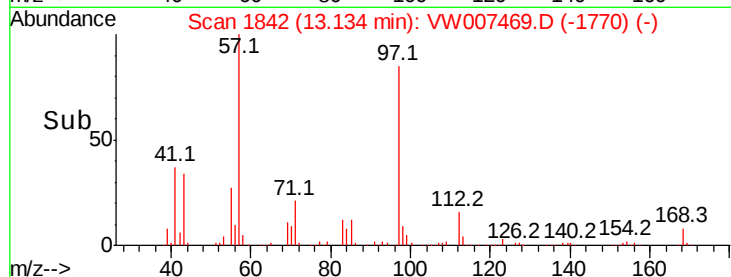
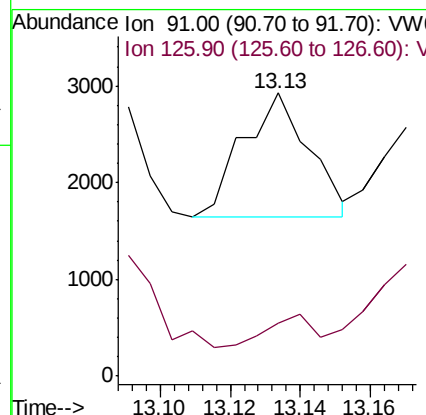
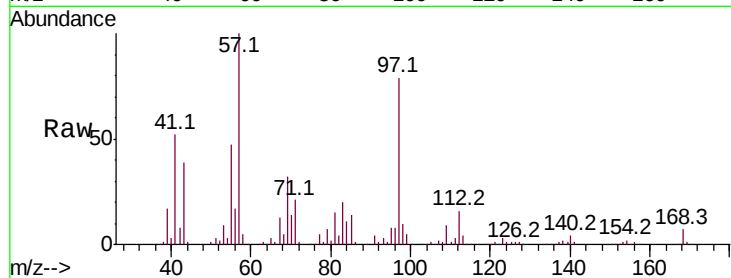




#82
4-Chlorotoluene
Concen: 2.659 ug/l
RT: 13.13 min Scan# 1842
Delta R.T. 0.14 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

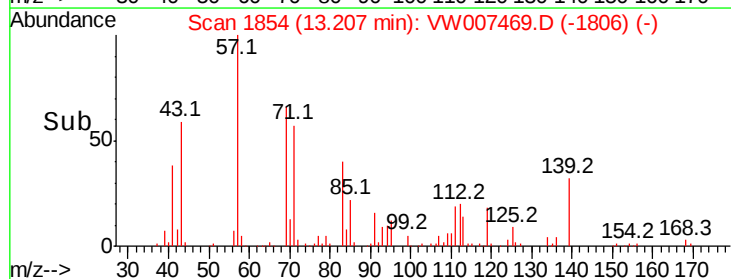
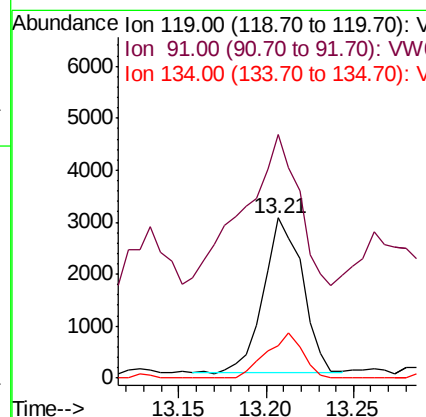
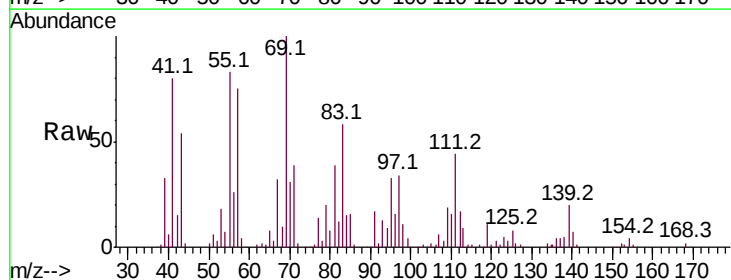
Instrument :
MSVOA_W
ClientSampled :
071-PIPE-1

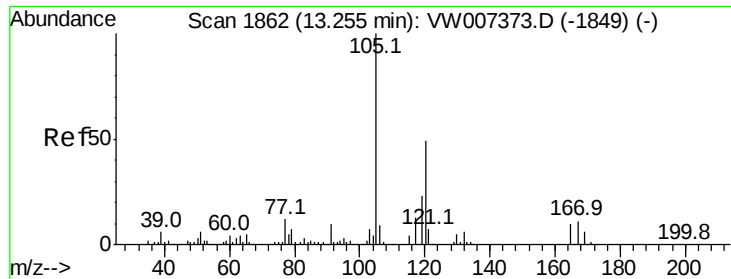
Tot Ion: 91 Resp: 1676
Ion Ratio Lower Upper
91 100
126 23.2 16.0 48.0



#83
tert-Butylbenzene
Concen: 7.125 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

Tgt Ion: 119 Resp: 4632
Ion Ratio Lower Upper
119 100
91 135.5 33.1 99.2#
134 26.8 12.5 37.5

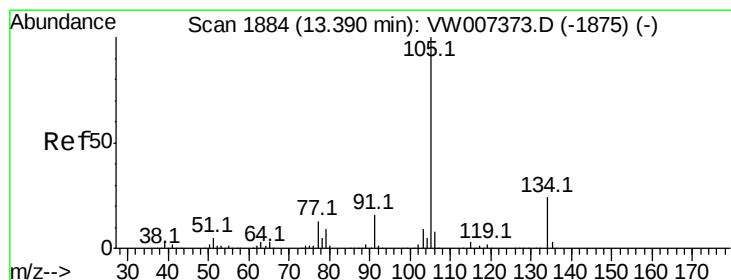
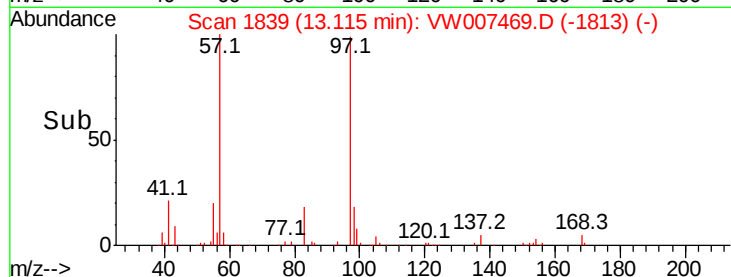
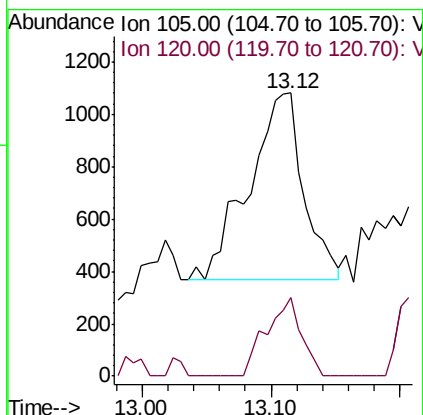
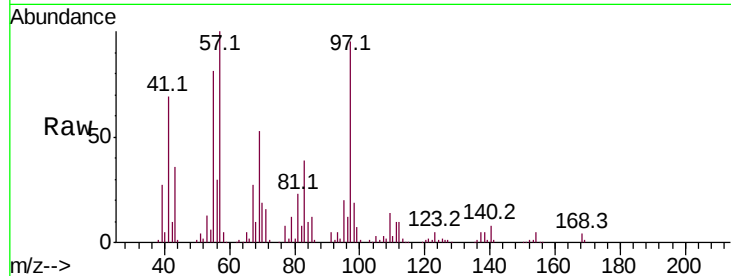




#84
 1,2,4-Trimethylbenzene
 Concen: 2.775 ug/l
 RT: 13.12 min Scan# 1839
 Delta R.T. -0.14 min
 Lab File: VW007469.D
 Acq: 13 Dec 2018 05:15

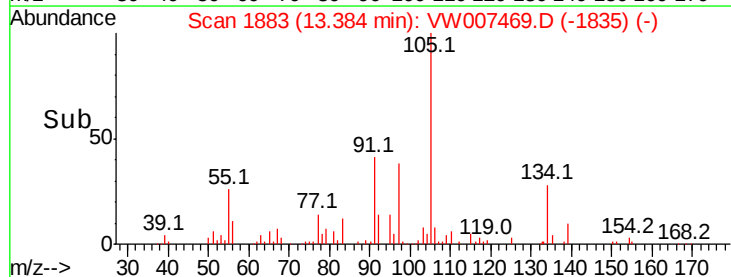
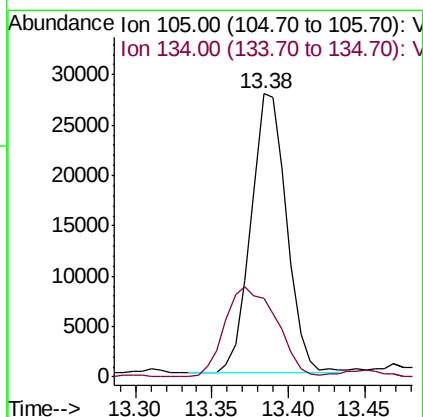
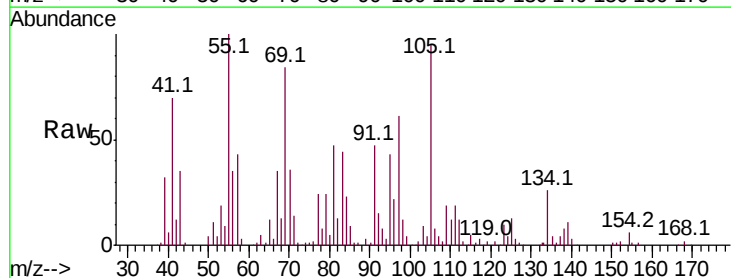
Instrument :
 MSVOA_W
 ClientSampleId :
 071-PIPE-1

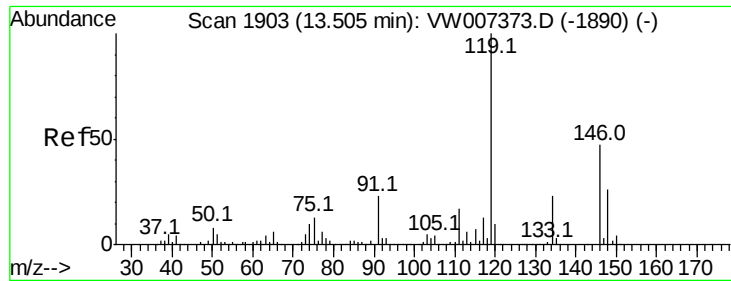
Tot Ion:105 Resp: 2107
 Ion Ratio Lower Upper
 105 100
 120 26.9 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 50.768 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW007469.D
 Acq: 13 Dec 2018 05:15

Tgt Ion:105 Resp: 45053
 Ion Ratio Lower Upper
 105 100
 134 46.3 11.1 33.3#

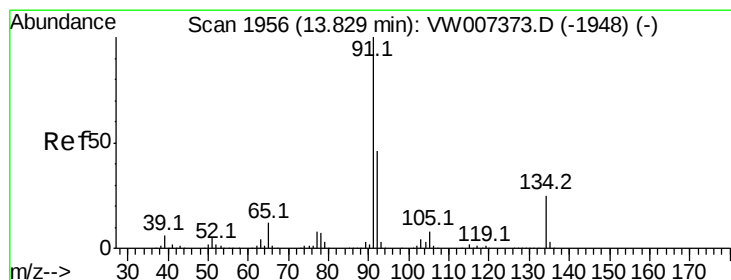
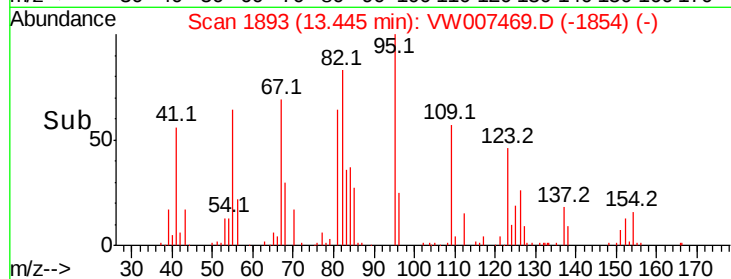
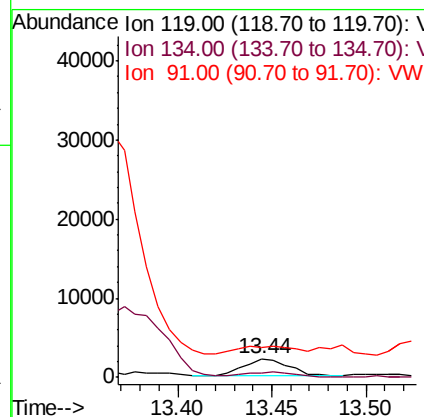
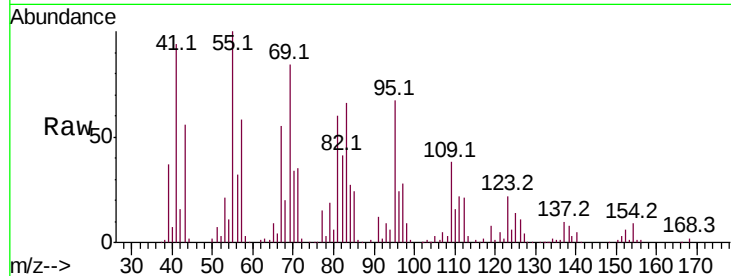




#86
 p-Isopropyltoluene
 Concen: 4.517 ug/l
 RT: 13.44 min Scan# 1893
 Delta R.T. -0.06 min
 Lab File: VW007469.D
 Acq: 13 Dec 2018 05:15

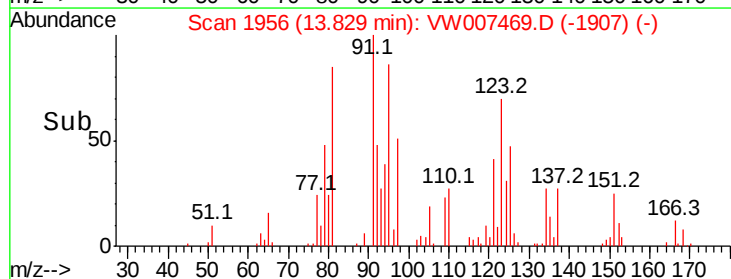
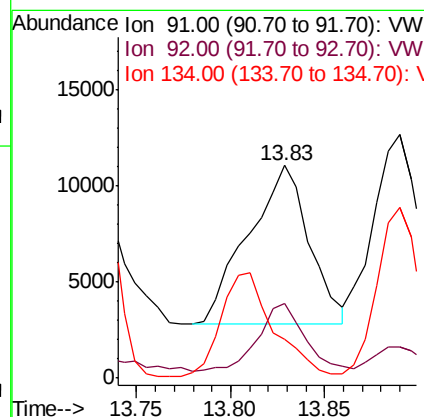
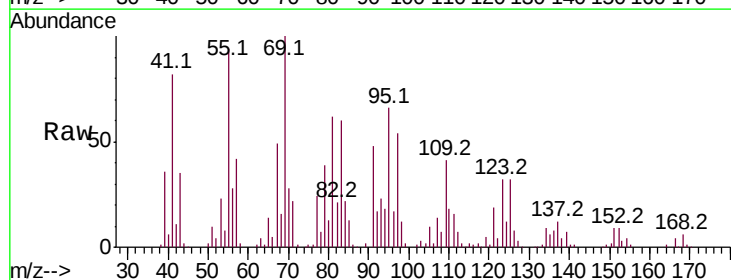
Instrument :
 MSVOA_W
 ClientSampled :
 071-PIPE-1

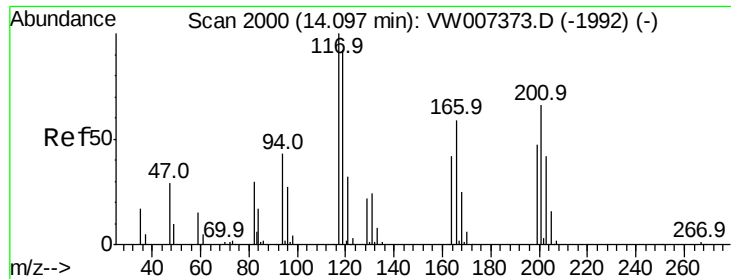
Tot Ion:119 Resp: 3601
 Ion Ratio Lower Upper
 119 100
 134 38.2 12.9 38.7
 91 118.8 11.9 35.9#



#89
 n-Butylbenzene
 Concen: 25.012 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW007469.D
 Acq: 13 Dec 2018 05:15

Tgt Ion: 91 Resp: 18486
 Ion Ratio Lower Upper
 91 100
 92 32.8 25.7 77.1
 134 55.6 13.4 40.2#





#90

Hexachloroethane

Concen: 15.185 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

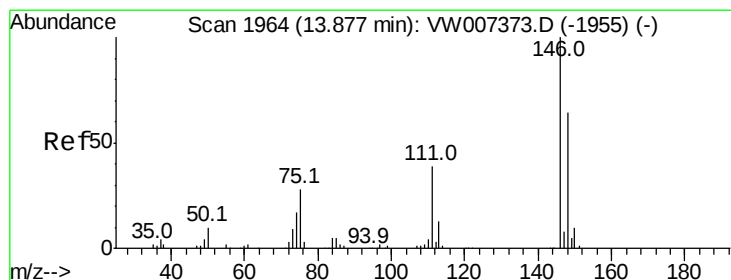
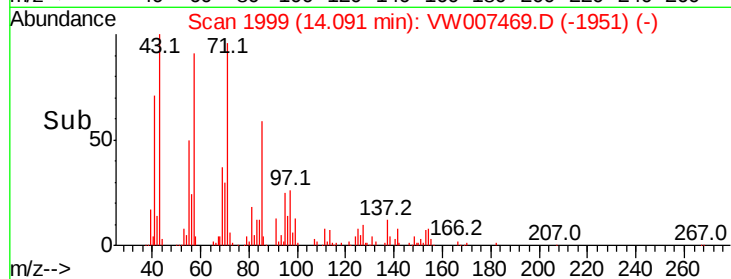
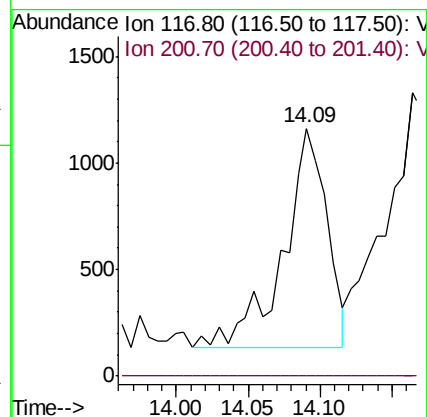
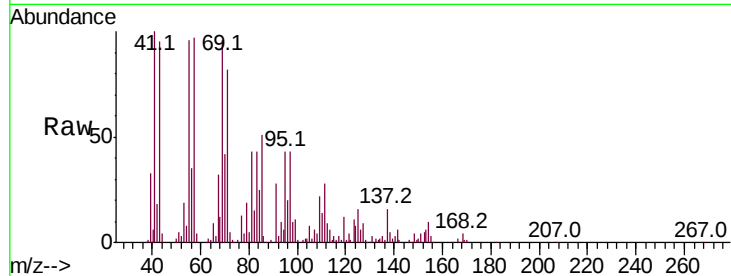
071-PIPE-1

Tot Ion:117 Resp: 2154

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#



#91

1,2-Dichlorobenzene

Concen: 1.065 ug/l

RT: 13.91 min Scan# 1970

Delta R.T. 0.04 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

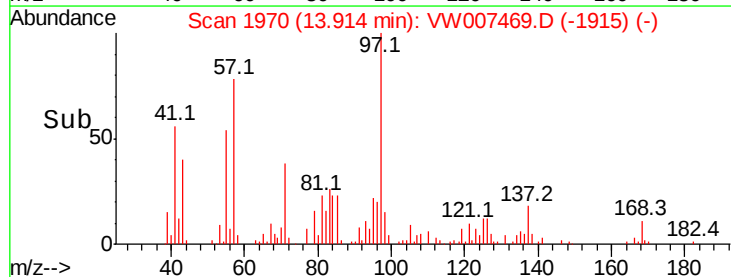
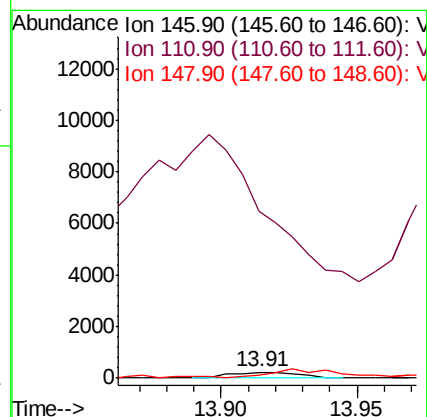
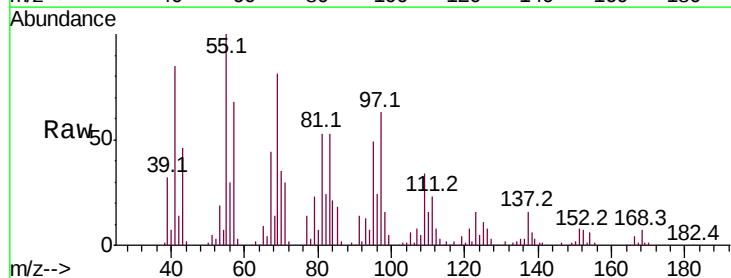
Tgt Ion:146 Resp: 370

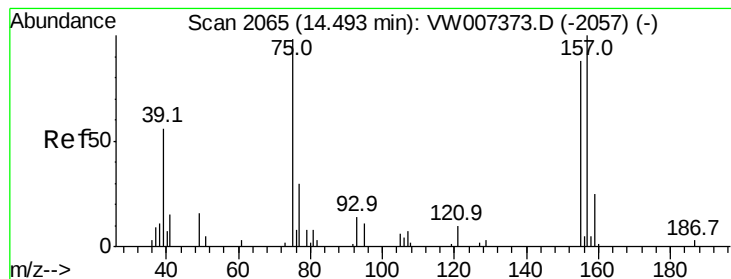
Ion Ratio Lower Upper

146 100

111 0.0 22.4 67.2#

148 170.3 32.4 97.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.904 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

Instrument :

MSVOA_W

ClientSampled :

071-PIPE-1

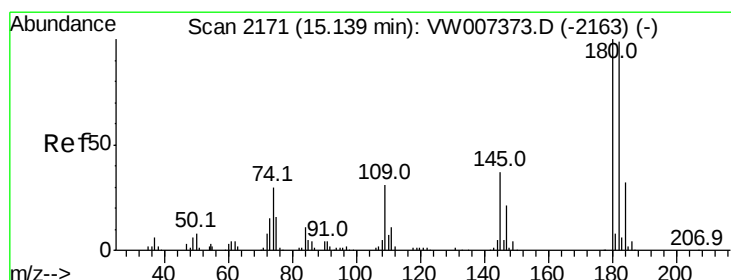
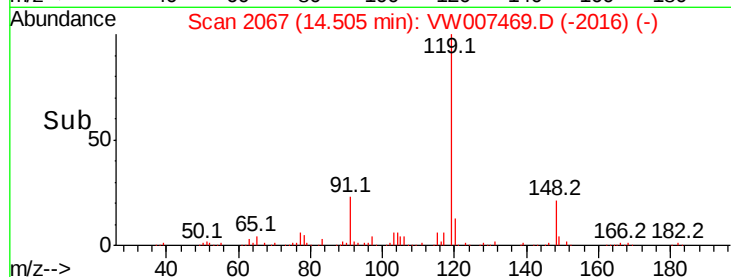
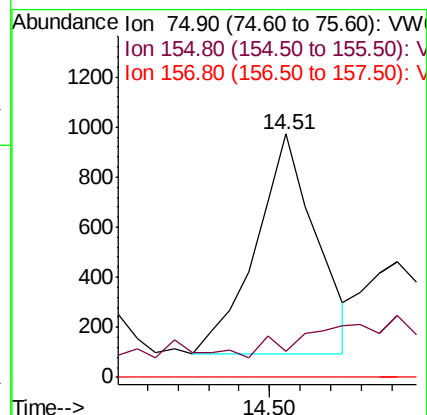
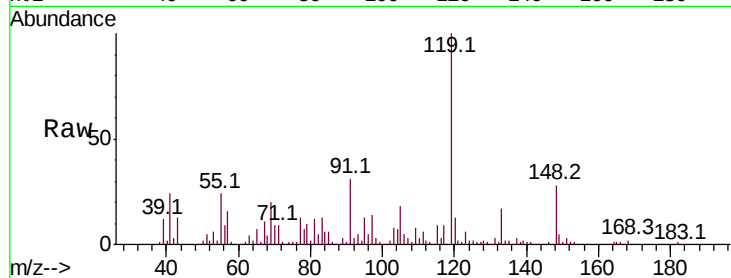
Tot Ion: 75 Resp: 1198

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.2#

157 0.0 51.1 153.4#



#93

1,2,4-Trichlorobenzene

Concen: 1.605 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.01 min

Lab File: VW007469.D

Acq: 13 Dec 2018 05:15

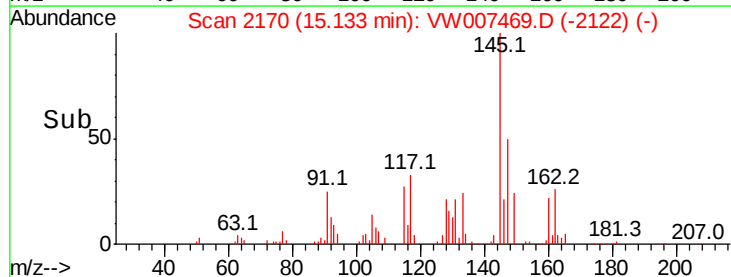
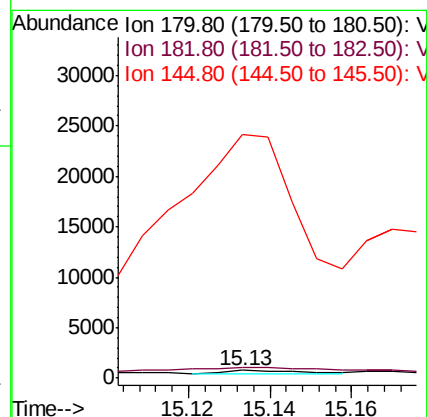
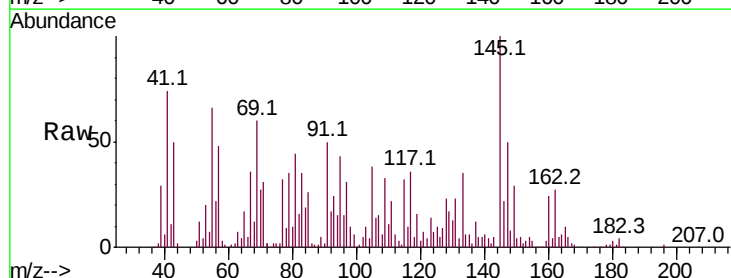
Tgt Ion:180 Resp: 384

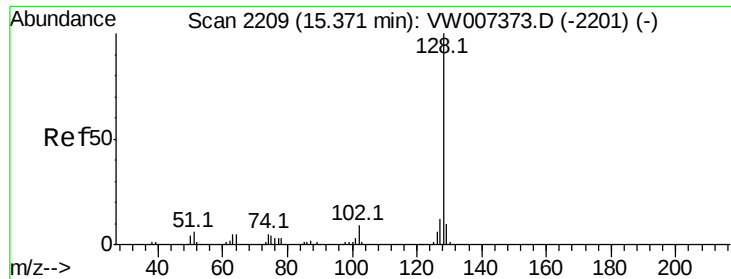
Ion Ratio Lower Upper

180 100

182 439.8 49.9 149.6#

145 16137.0 17.8 53.4#

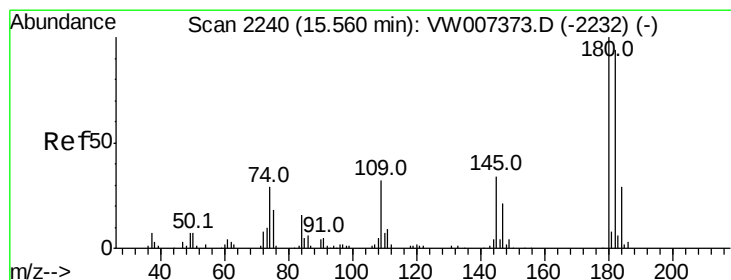
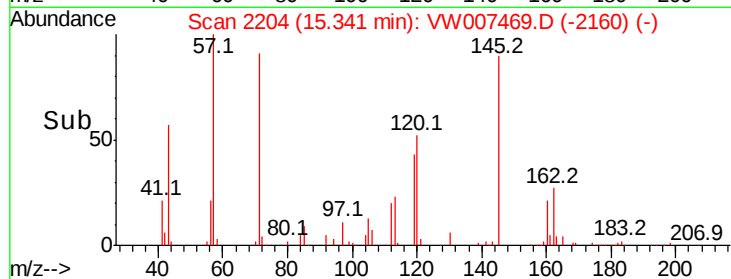
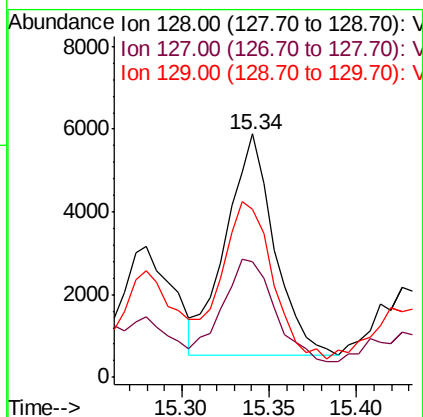
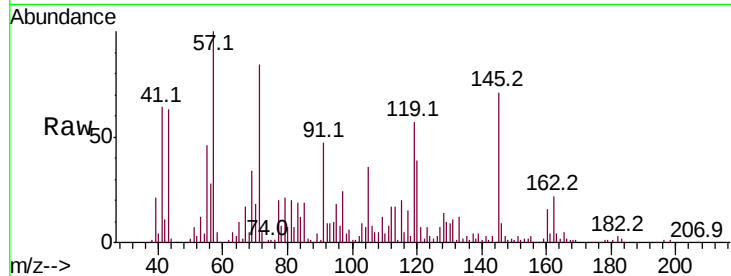




#95
Naphthalene
Concen: 22.489 ug/l
RT: 15.34 min Scan# 2204
Delta R.T. -0.03 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

Instrument :
MSVOA_W
ClientSampleId :
071-PIPE-1

Tot Ion:128 Resp: 10290
Ion Ratio Lower Upper
128 100
127 50.6 10.2 15.4#
129 72.7 8.3 12.5#



#96
1,2,3-Trichlorobenzene
Concen: 3.629 ug/l
RT: 15.58 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VW007469.D
Acq: 13 Dec 2018 05:15

Tgt Ion:180 Resp: 754
Ion Ratio Lower Upper
180 100
182 0.0 45.6 136.7#
145 0.0 17.5 52.5#

