

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007174.D
 Acq On : 04 Dec 2018 01:44
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Dec 04 03:48:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	179406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	81404	74.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.86%	
35) Dibromofluoromethane	7.88	113	76856	76.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.40%	
50) Toluene-d8	10.33	98	330800	74.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.54%	
62) 4-Bromofluorobenzene	12.62	95	127906	73.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	69426	63.852	ug/l	99
3) Chloromethane	2.21	50	105463	104.165	ug/l	99
4) Vinyl Chloride	2.35	62	59534	66.968	ug/l	96
5) Bromomethane	2.75	94	25617	56.458	ug/l	100
6) Chloroethane	2.90	64	34370	70.018	ug/l	99
7) Trichlorofluoromethane	3.25	101	117881	66.934	ug/l	97
8) Diethyl Ether	3.68	74	39469	69.232	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	72025	63.237	ug/l	99
10) Methyl Iodide	4.27	142	51458	43.306	ug/l	99
11) Tert butyl alcohol	5.16	59	36664	483.194	ug/l	97
12) 1,1-Dichloroethene	4.04	96	69165	68.739	ug/l	97
13) Acrolein	3.90	56	28792	391.563	ug/l	98
14) Allyl chloride	4.67	41	115687	69.207	ug/l	98
15) Acrylonitrile	5.37	53	85677	396.856	ug/l	98
16) Acetone	4.12	43	76304	463.230	ug/l	99
17) Carbon Disulfide	4.38	76	244489	74.423	ug/l	98
18) Methyl Acetate	4.67	43	42868	75.416	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	188788	72.213	ug/l	100
20) Methylene Chloride	4.92	84	85289	54.556	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	80972	68.906	ug/l	98
22) Diisopropyl ether	6.32	45	222738	68.769	ug/l	98
23) Vinyl Acetate	6.26	43	626402	364.846	ug/l	97
24) 1,1-Dichloroethane	6.22	63	135611	68.628	ug/l	100
25) 2-Butanone	7.17	43	105437	388.625	ug/l	100
26) 2,2-Dichloropropane	7.17	77	114076	64.478	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	89141	71.022	ug/l	100
28) Bromochloromethane	7.52	49	56829	77.192	ug/l	98
29) Tetrahydrofuran	7.53	42	69109	393.990	ug/l	99
30) Chloroform	7.68	83	144698	68.858	ug/l	96
31) Cyclohexane	7.95	56	123402	59.713	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	128854	68.175	ug/l	99
36) 1,1-Dichloropropene	8.09	75	111411	64.475	ug/l	100
37) Ethyl Acetate	7.26	43	46829	73.967	ug/l	99
38) Carbon Tetrachloride	8.07	117	111018	66.743	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007174.D
 Acq On : 04 Dec 2018 01:44
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Dec 04 03:48:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	143301	66.203	ug/l	98
40) Benzene	8.33	78	324642	69.144	ug/l	98
41) Methacrylonitrile	7.49	41	26669	67.185	ug/l	89
42) 1,2-Dichloroethane	8.40	62	94260	69.209	ug/l	100
43) Isopropyl Acetate	8.43	43	93968	77.460	ug/l	99
44) Trichloroethene	9.09	130	89626	68.056	ug/l	99
45) 1,2-Dichloropropane	9.37	63	77887	67.669	ug/l	100
46) Dibromomethane	9.46	93	42381	72.590	ug/l	99
47) Bromodichloromethane	9.65	83	106176	69.385	ug/l	98
48) Methyl methacrylate	9.44	41	46394	79.601	ug/l	97
49) 1,4-Dioxane	9.45	88	15274	1718.803	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	233024	382.270	ug/l	100
52) Toluene	10.39	92	224474	70.255	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	110876	74.606	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	125101	70.255	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	60398	70.733	ug/l	98
56) Ethyl methacrylate	10.65	69	83744	83.269	ug/l	99
57) 1,3-Dichloropropane	10.93	76	101948	71.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	167410	328.972	ug/l	98
59) 2-Hexanone	10.97	43	169267	406.730	ug/l	99
60) Dibromochloromethane	11.13	129	74098	75.577	ug/l	99
61) 1,2-Dibromoethane	11.24	107	58234	73.843	ug/l	98
64) Tetrachloroethene	10.87	164	82734	74.074	ug/l	96
65) Chlorobenzene	11.66	112	253310	70.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	78423	71.496	ug/l	99
67) Ethyl Benzene	11.73	91	443780	67.634	ug/l	99
68) m/p-Xylenes	11.84	106	349629	135.718	ug/l	99
69) o-Xylene	12.17	106	167962	69.189	ug/l	99
70) Styrene	12.18	104	277612	71.618	ug/l	100
71) Bromoform	12.35	173	41660	79.860	ug/l #	96
73) Isopropylbenzene	12.47	105	440831	68.139	ug/l	100
74) N-amyl acetate	12.27	43	92444	83.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	67781	77.665	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	92310	135.182	ug/l #	1
77) Bromobenzene	12.75	156	100629	72.233	ug/l	97
78) n-propylbenzene	12.81	91	531607	68.000	ug/l	98
79) 2-Chlorotoluene	12.90	91	311984	69.086	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	385159	68.852	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	20950	78.761	ug/l	95
82) 4-Chlorotoluene	12.99	91	329308	69.575	ug/l	100
83) tert-Butylbenzene	13.21	119	330583	68.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	398076	71.336	ug/l	98
85) sec-Butylbenzene	13.39	105	471443	69.011	ug/l	100
86) p-Isopropyltoluene	13.51	119	410960	68.105	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	203387	71.691	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	209006	73.490	ug/l	98
89) n-Butylbenzene	13.83	91	398900	70.372	ug/l	97
90) Hexachloroethane	14.10	117	64971	72.836	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	184342	73.888	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13205	88.024	ug/l	98

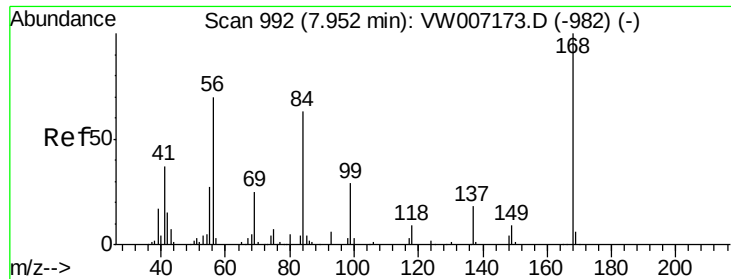
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
Data File : VW007174.D
Acq On : 04 Dec 2018 01:44
Operator : SY/AP
Sample : VSTDICC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC075

Quant Time: Dec 04 03:48:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 04 03:43:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	127765	77.111	ug/l	100
94) Hexachlorobutadiene	15.24	225	61797	69.556	ug/l	99
95) Naphthalene	15.38	128	243782	80.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	108333	78.831	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

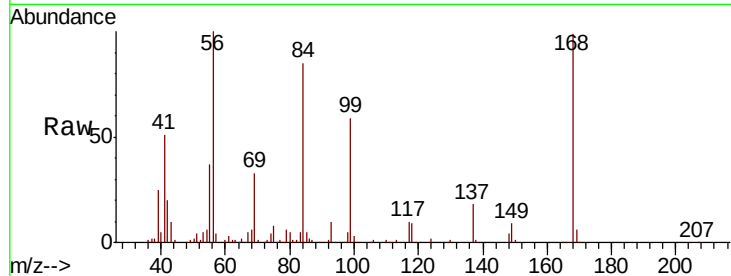
VSTDIC075

Tgt Ion:168 Resp: 111407

Ion Ratio Lower Upper

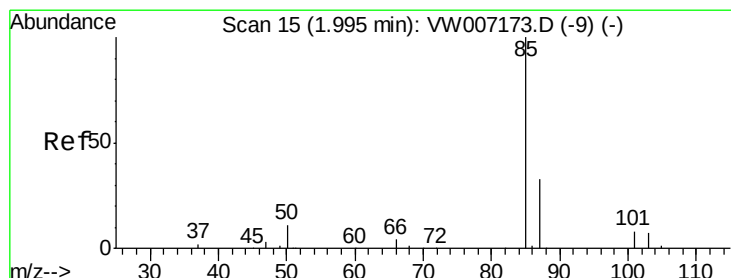
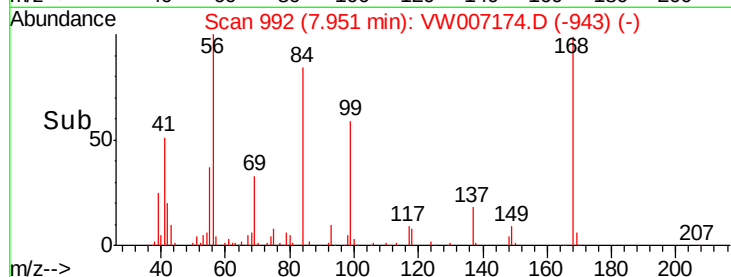
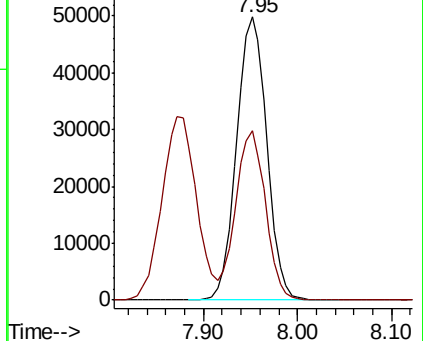
168 100

99 59.6 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 63.852 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW007174.D

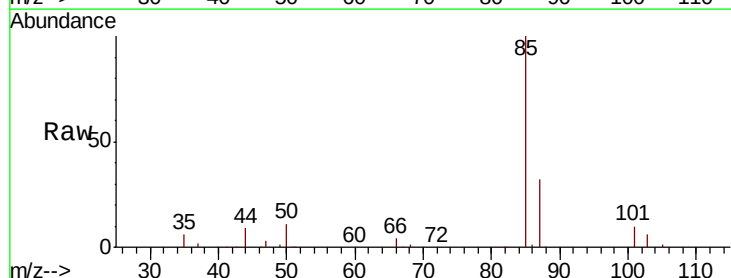
Acq: 04 Dec 2018 01:44

Tgt Ion: 85 Resp: 69426

Ion Ratio Lower Upper

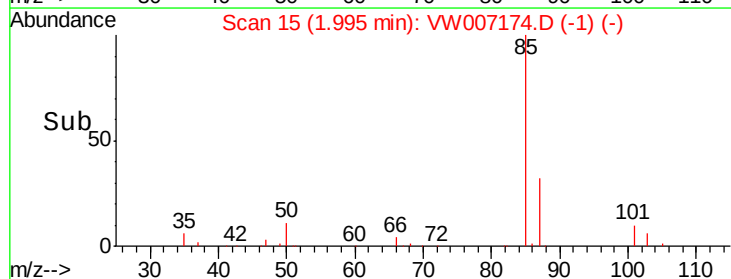
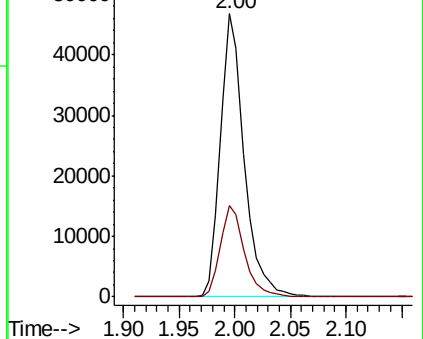
85 100

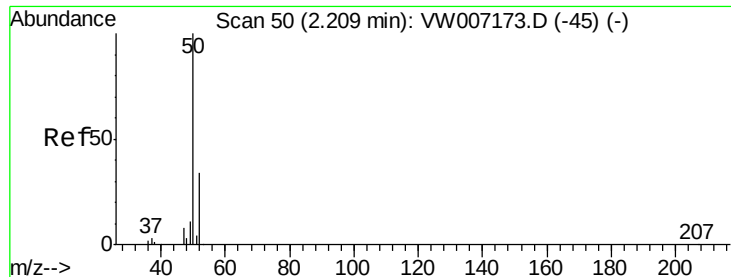
87 32.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 104.165 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

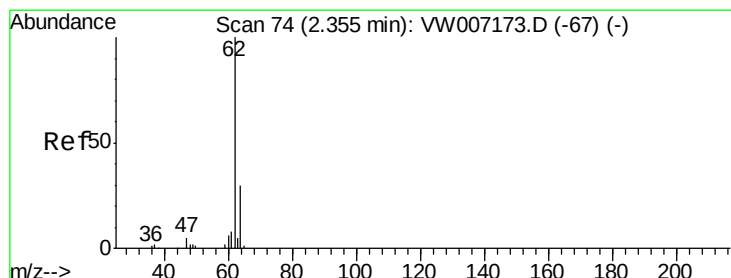
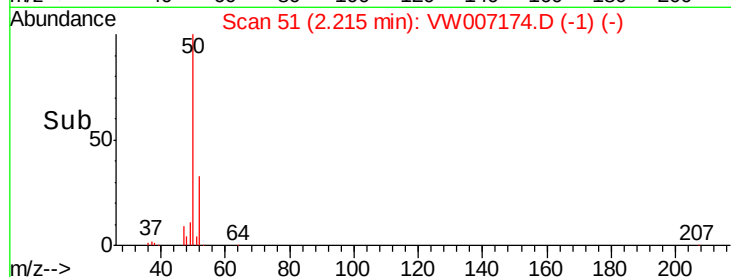
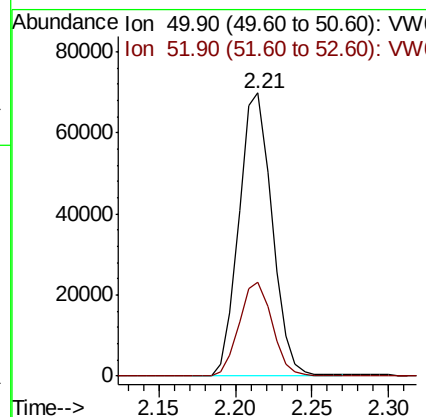
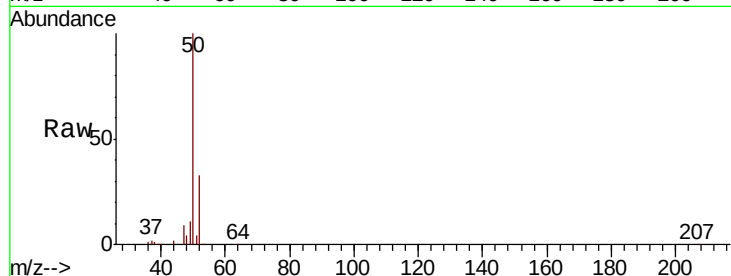
VSTDIC075

Tgt Ion: 50 Resp: 105463

Ion Ratio Lower Upper

50 100

52 33.0 26.9 40.3



#4

Vinyl Chloride

Concen: 66.968 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW007174.D

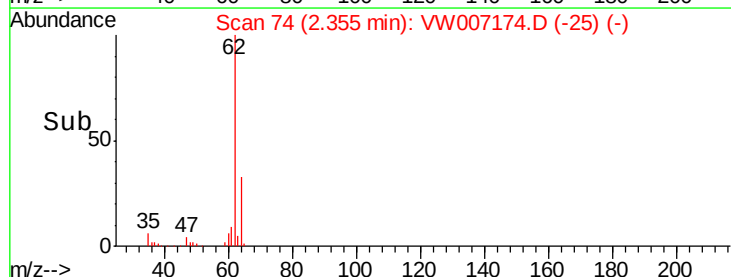
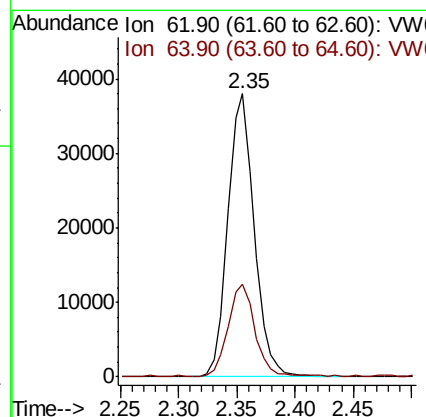
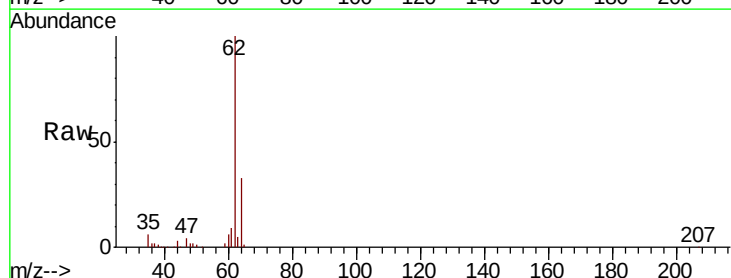
Acq: 04 Dec 2018 01:44

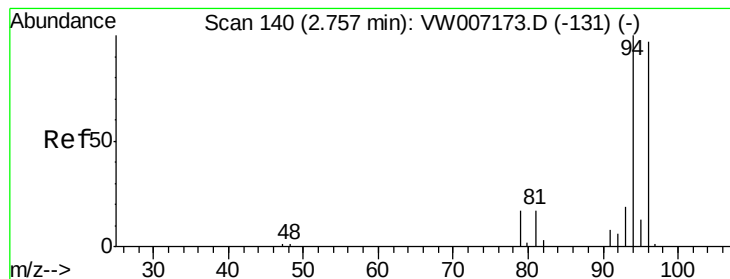
Tgt Ion: 62 Resp: 59534

Ion Ratio Lower Upper

62 100

64 32.6 24.3 36.5





#5

Bromomethane

Concen: 56.458 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

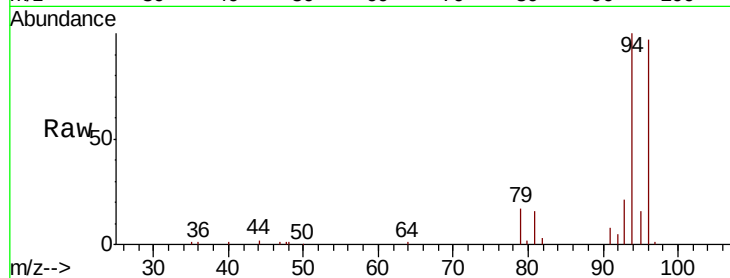
VSTDIC075

Tgt Ion: 94 Resp: 25617

Ion Ratio Lower Upper

94 100

96 96.7 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.75

15000

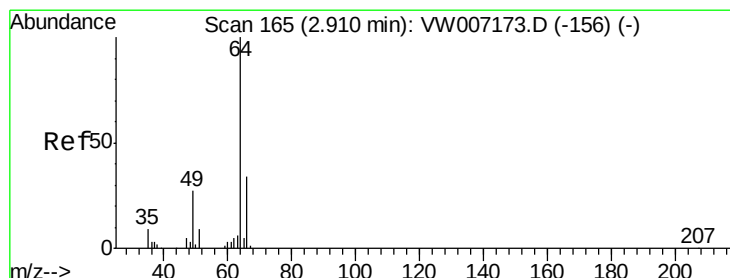
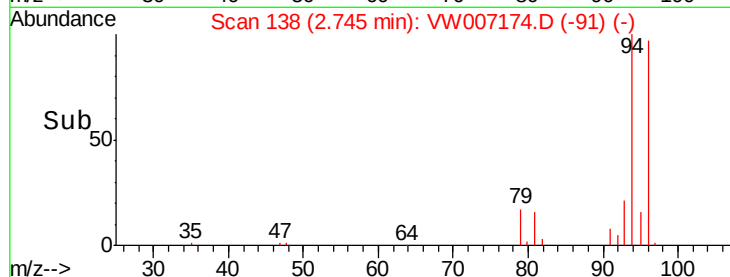
10000

5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 70.018 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW007174.D

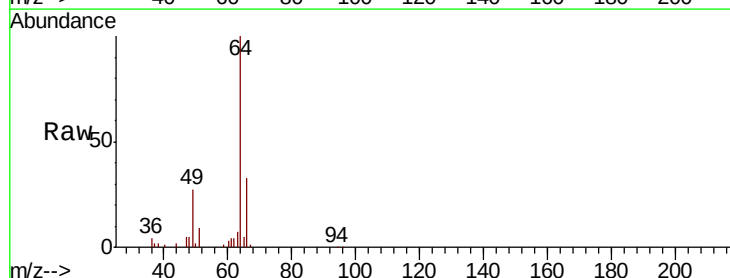
Acq: 04 Dec 2018 01:44

Tgt Ion: 64 Resp: 34370

Ion Ratio Lower Upper

64 100

66 33.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.90

15000

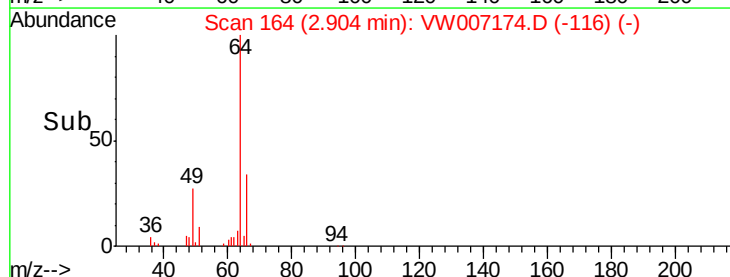
10000

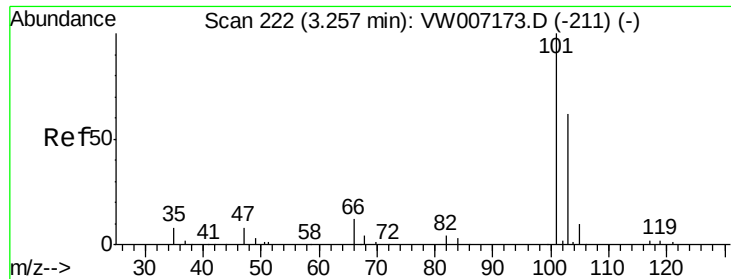
5000

0

Time-->

2.80 2.90 3.00



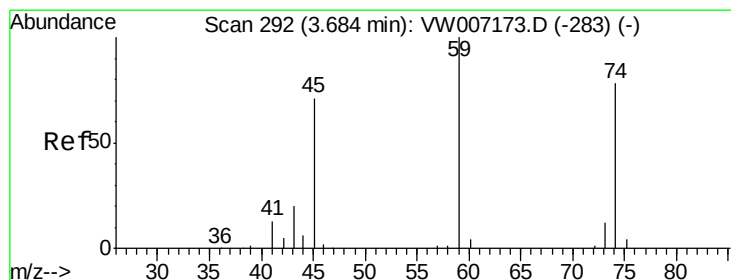
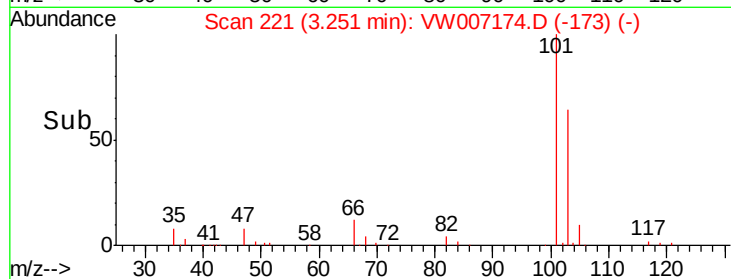
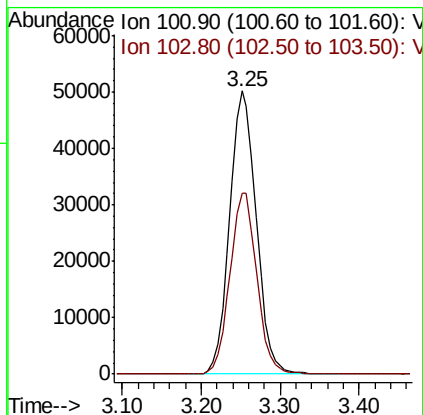
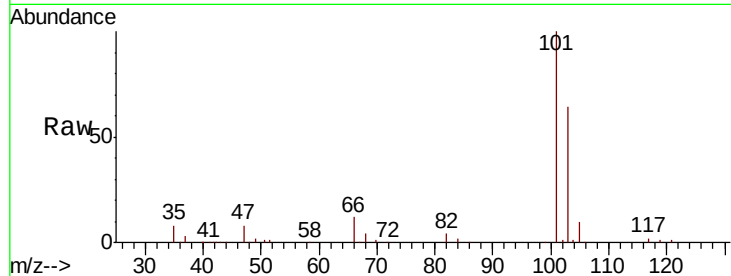


#7

Trichlorofluoromethane
 Concen: 66.934 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

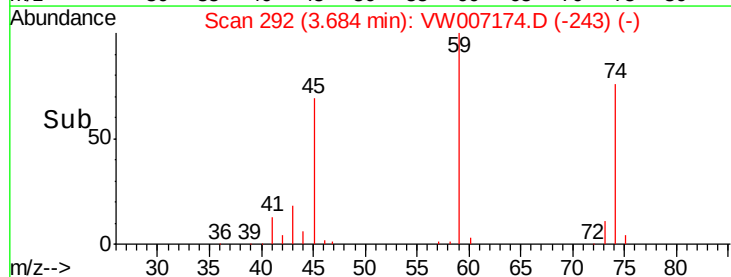
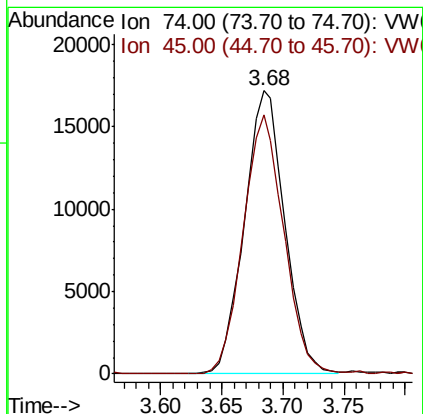
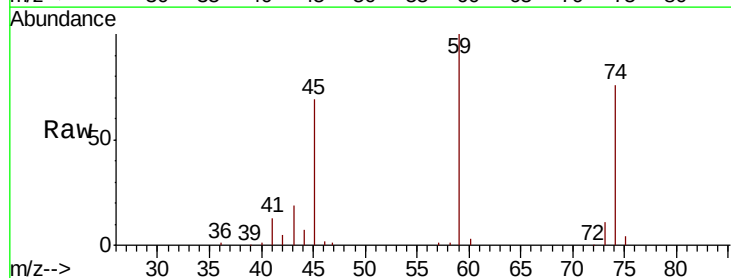
Tgt Ion: 101 Resp: 117881
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.6 74.4

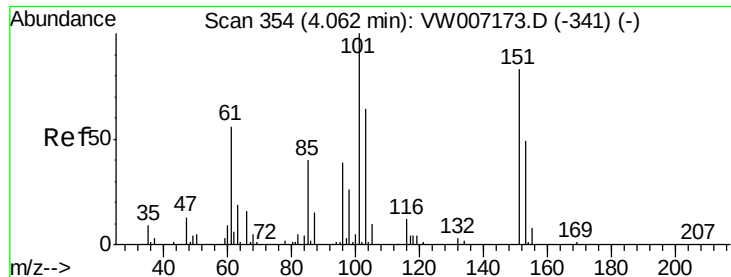


#8

Diethyl Ether
 Concen: 69.232 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 74 Resp: 39469
 Ion Ratio Lower Upper
 74 100
 45 91.9 45.6 136.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 63.237 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

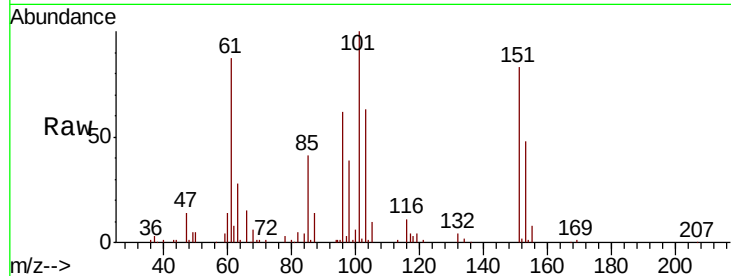
Tgt Ion:101 Resp: 72025

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

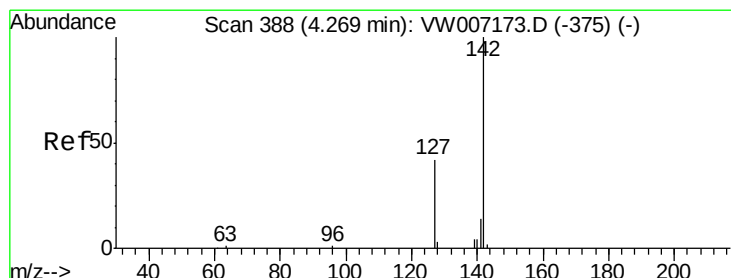
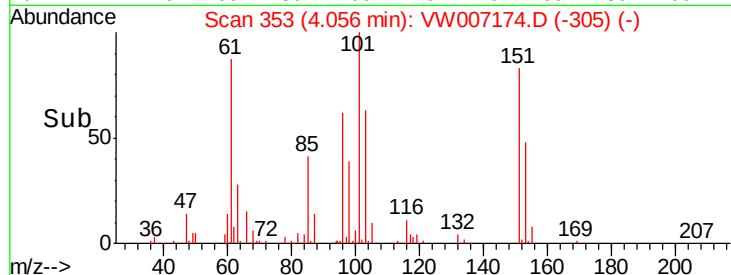
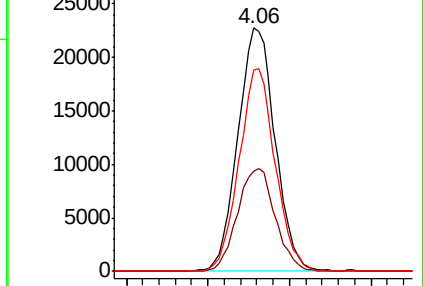
151 80.9 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.306 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

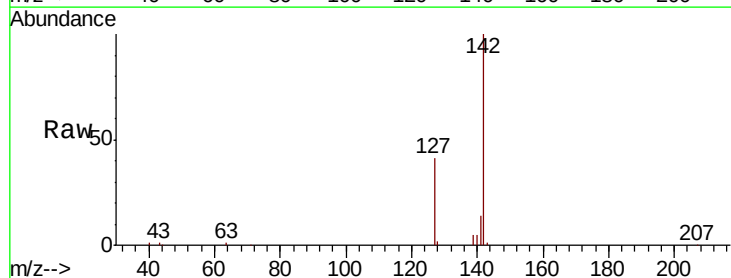
Tgt Ion:142 Resp: 51458

Ion Ratio Lower Upper

142 100

127 41.6 33.8 50.8

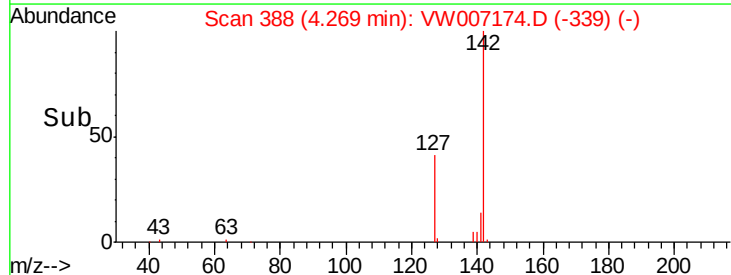
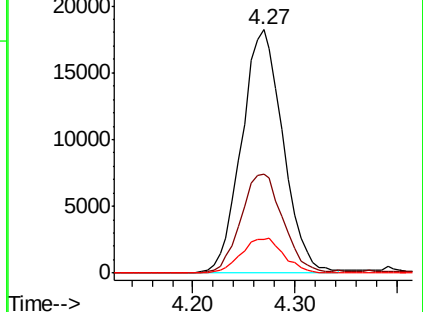
141 14.6 11.7 17.5

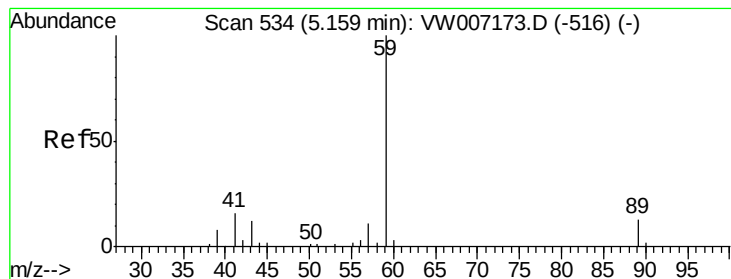


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



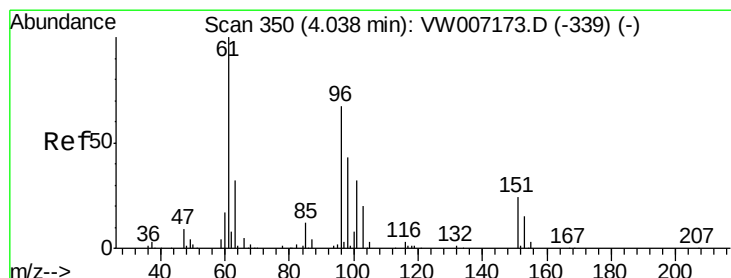
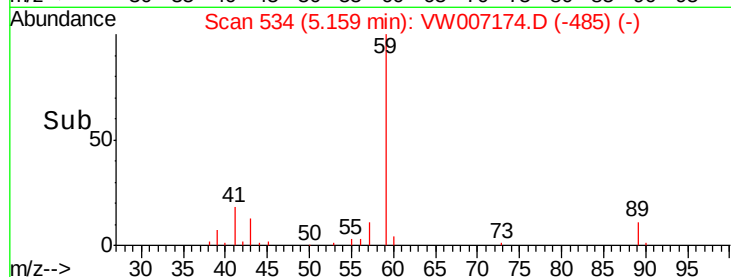
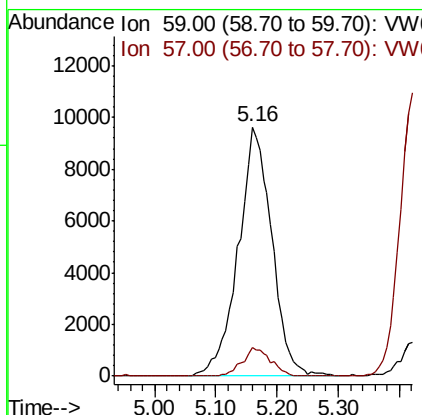
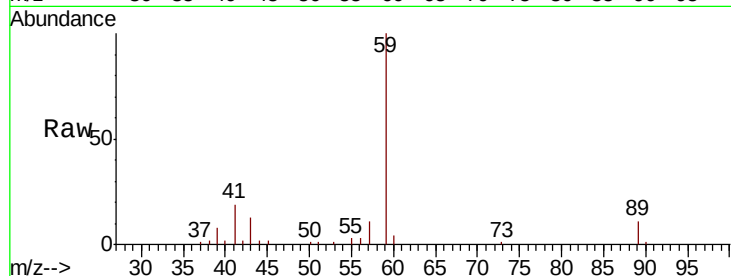


#11

Tert butyl alcohol
 Concen: 483.194 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

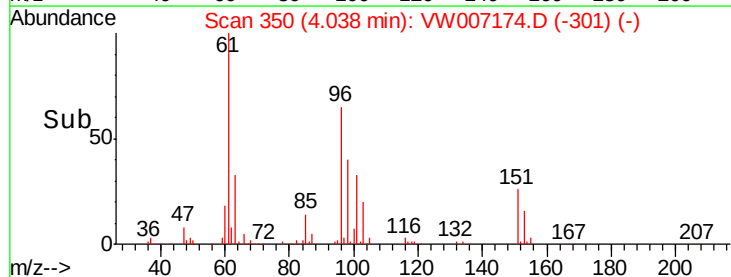
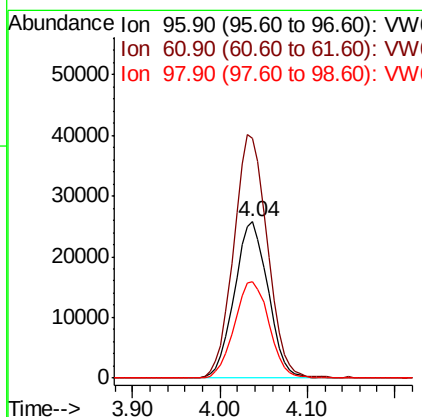
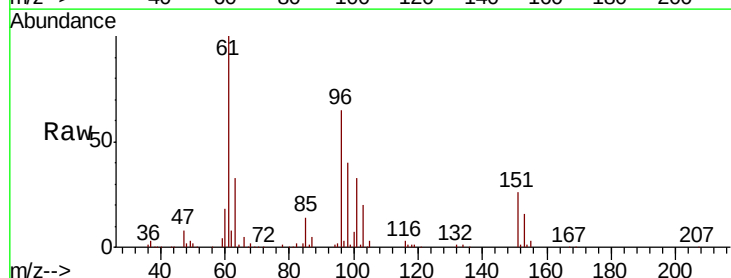
Tgt Ion: 59 Resp: 36664
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.0 10.4

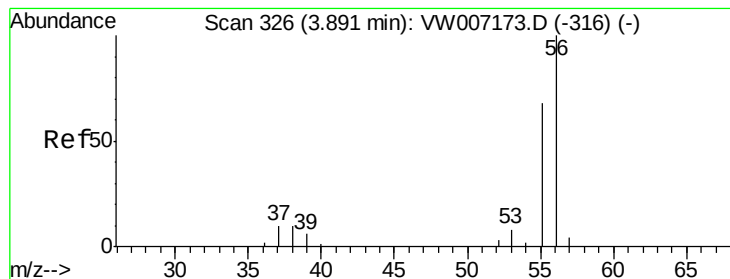


#12

1,1-Dichloroethene
 Concen: 68.739 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 96 Resp: 69165
 Ion Ratio Lower Upper
 96 100
 61 153.4 119.4 179.2
 98 62.0 51.0 76.6





#13

Acrolein

Concen: 391.563 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

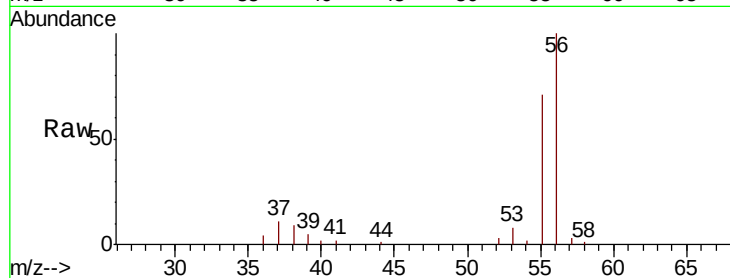
VSTDIC075

Tgt Ion: 56 Resp: 28792

Ion Ratio Lower Upper

56 100

55 71.0 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

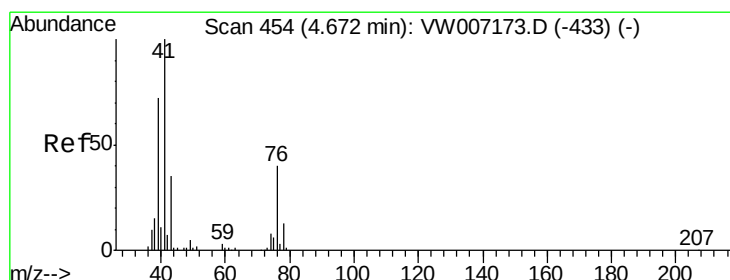
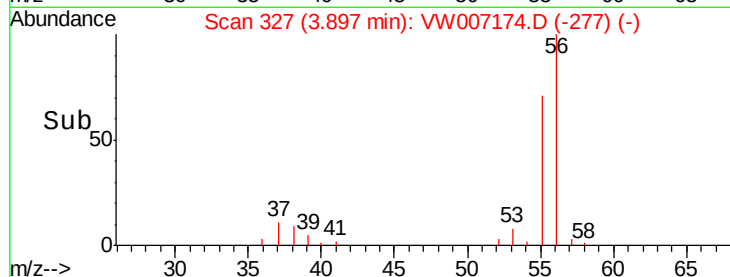
3.90

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 69.207 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

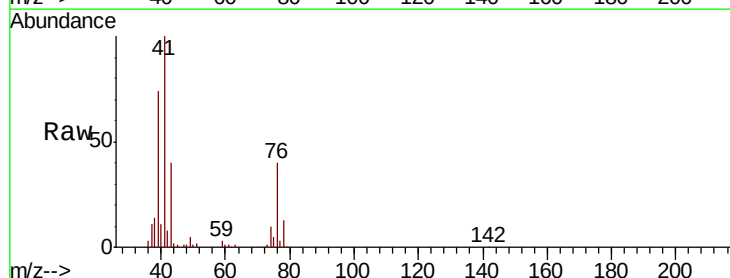
Tgt Ion: 41 Resp: 115687

Ion Ratio Lower Upper

41 100

39 70.0 55.1 82.7

76 38.6 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

50000

40000

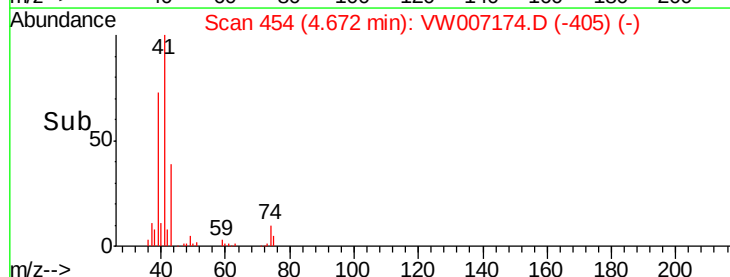
30000

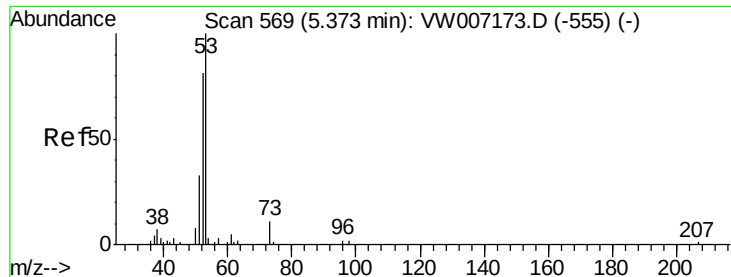
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 396.856 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

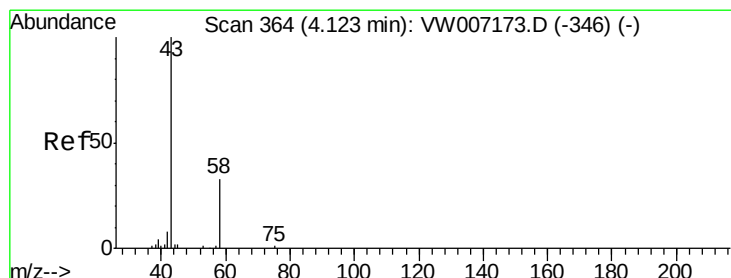
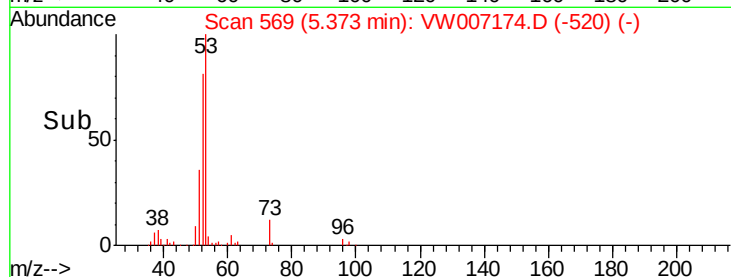
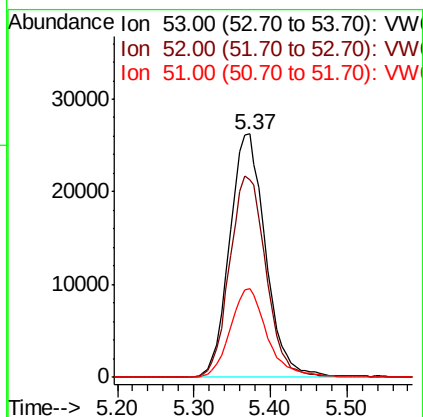
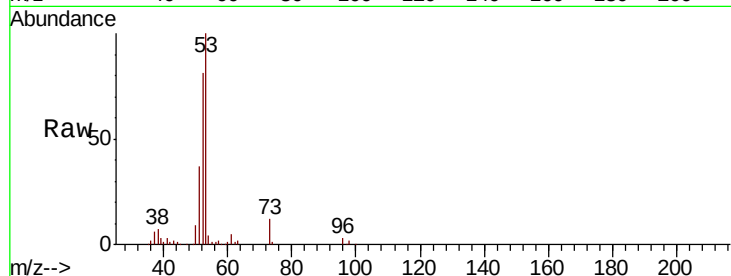
Tgt Ion: 53 Resp: 85677

Ion Ratio Lower Upper

53 100

52 83.6 65.2 97.8

51 37.3 29.2 43.8



#16

Acetone

Concen: 463.230 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007174.D

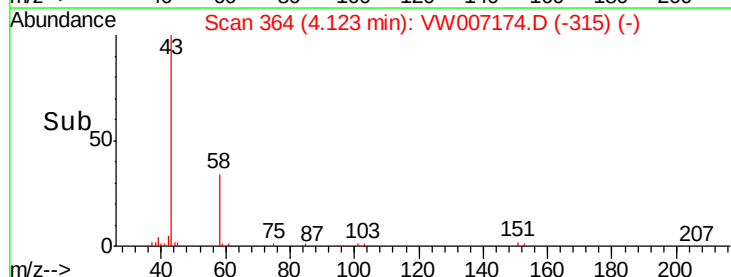
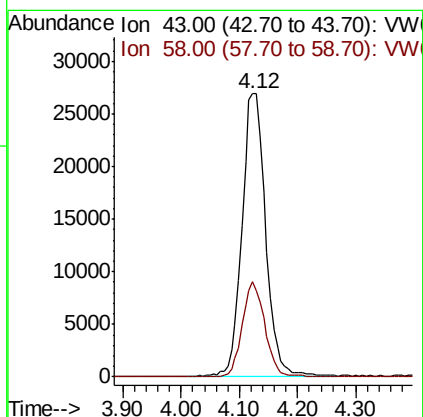
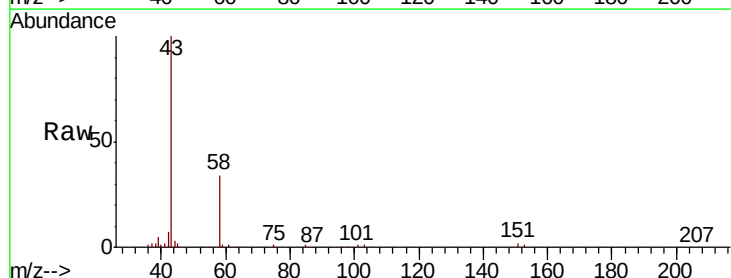
Acq: 04 Dec 2018 01:44

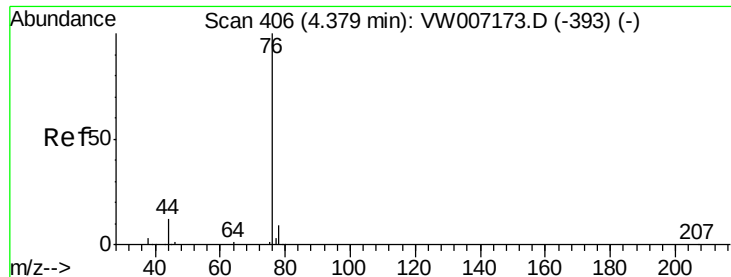
Tgt Ion: 43 Resp: 76304

Ion Ratio Lower Upper

43 100

58 33.7 26.5 39.7





#17

Carbon Disulfide

Concen: 74.423 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

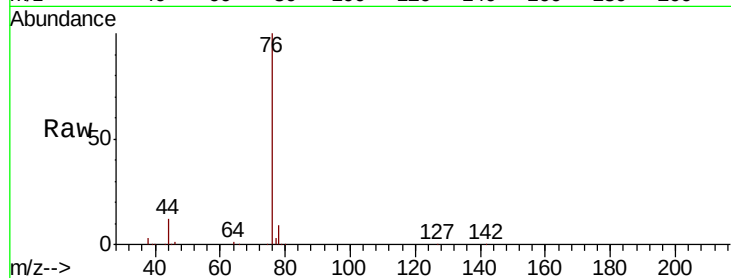
VSTDIC075

Tgt Ion: 76 Resp: 244489

Ion Ratio Lower Upper

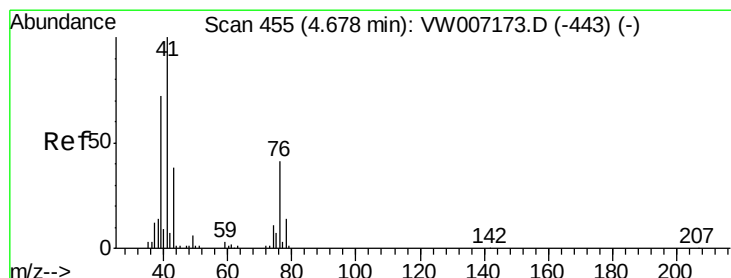
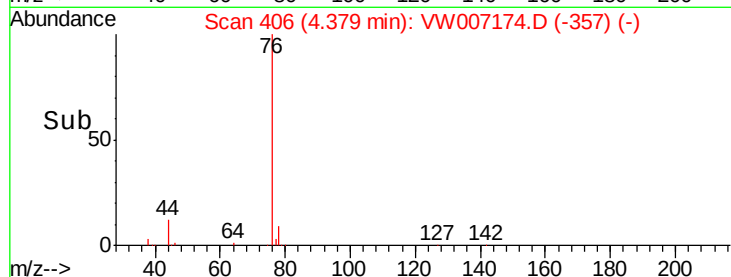
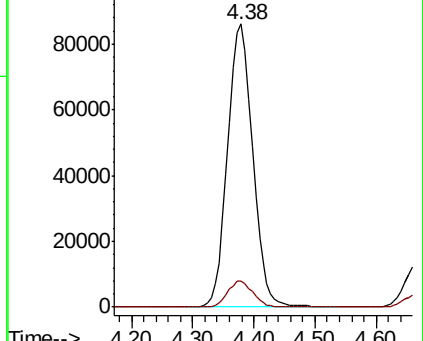
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 75.416 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007174.D

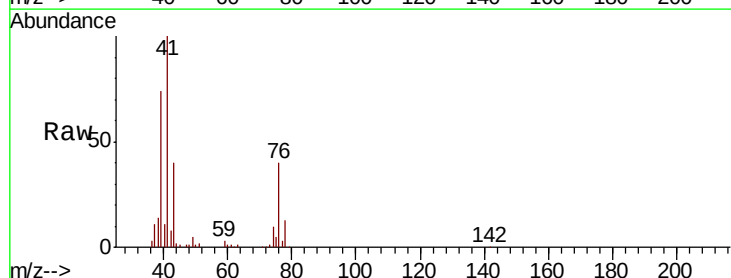
Acq: 04 Dec 2018 01:44

Tgt Ion: 43 Resp: 42868

Ion Ratio Lower Upper

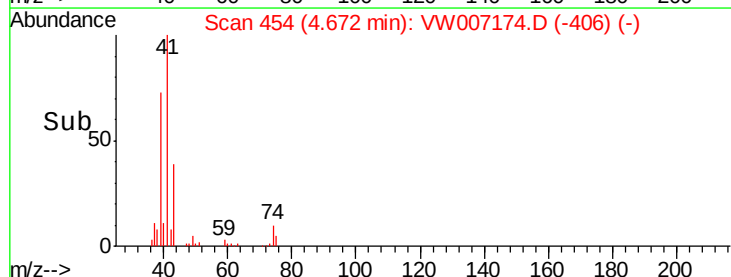
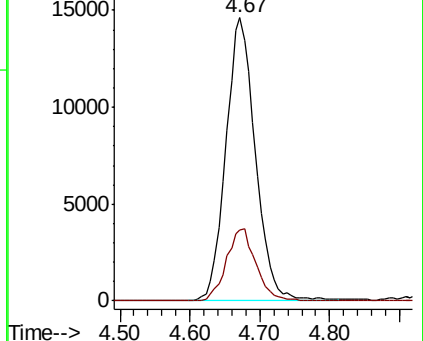
43 100

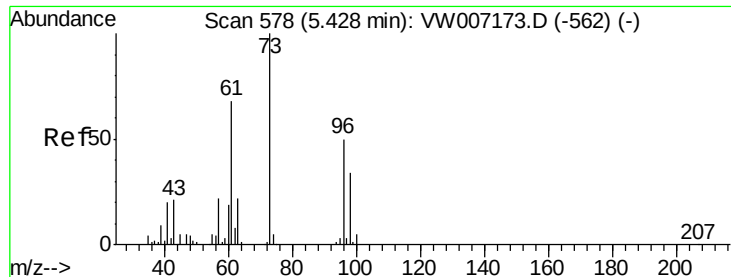
74 25.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

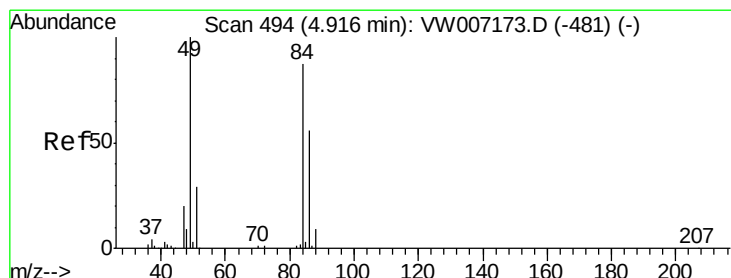
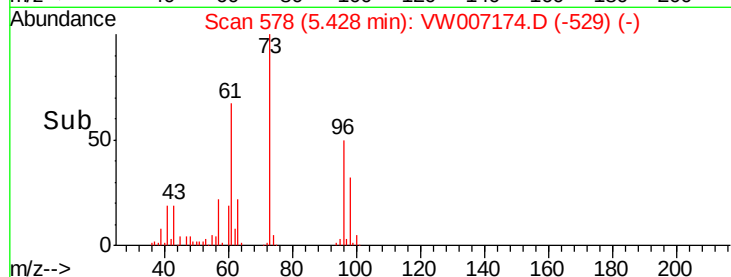
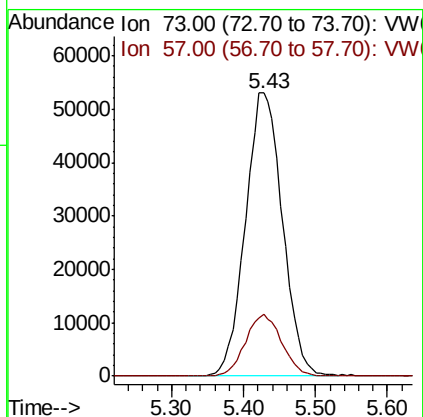
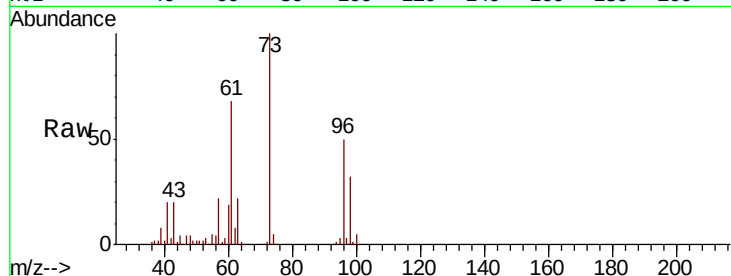




#19
Methyl tert-butyl Ether
Concen: 72.213 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

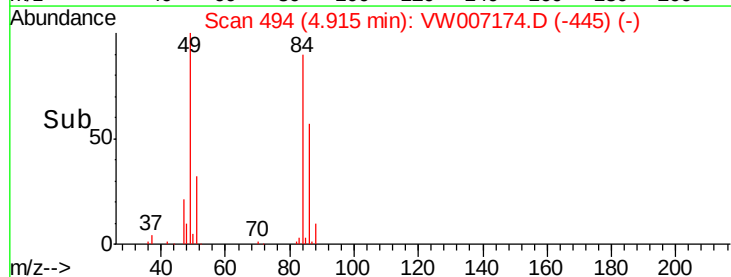
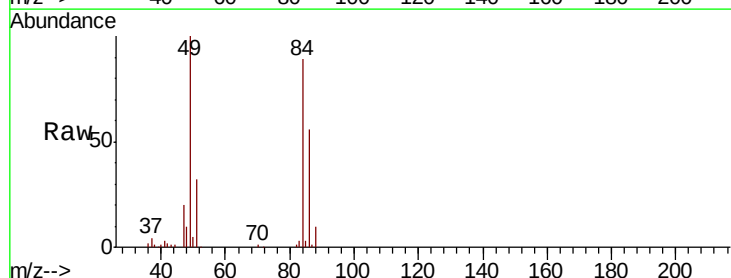
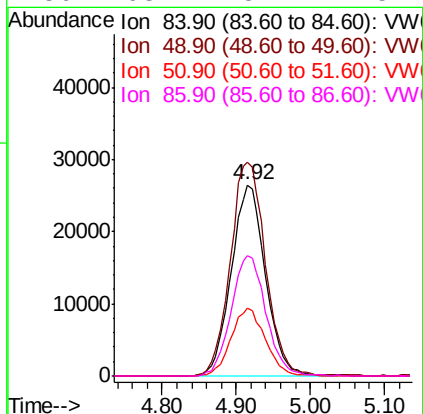
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

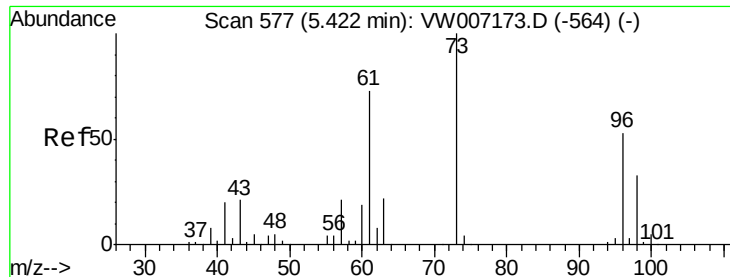
Tgt Ion: 73 Resp: 188788
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 54.556 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 84 Resp: 85289
Ion Ratio Lower Upper
84 100
49 111.6 92.5 138.7
51 35.5 27.1 40.7
86 63.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 68.906 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

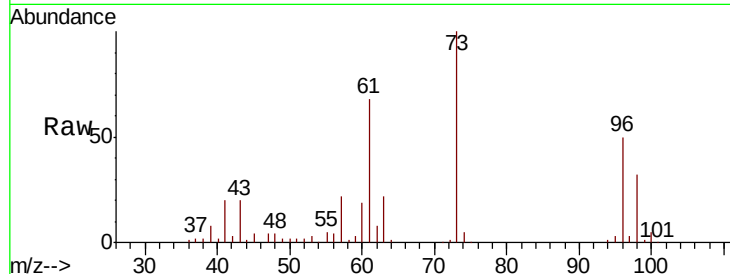
Tgt Ion: 96 Resp: 80972

Ion Ratio Lower Upper

96 100

61 135.3 109.8 164.8

98 64.7 50.0 75.0

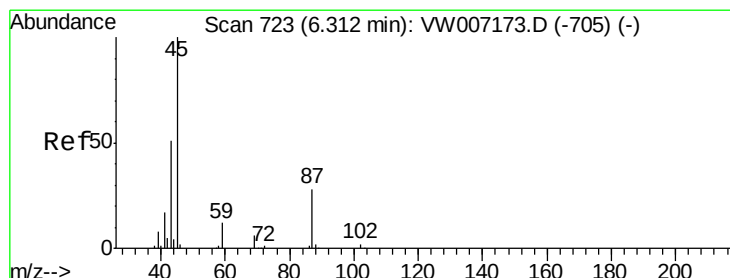
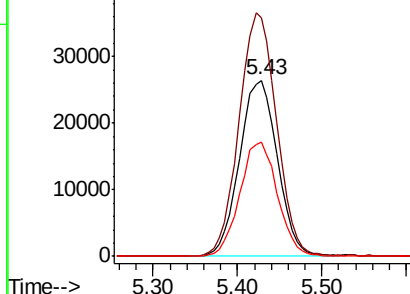
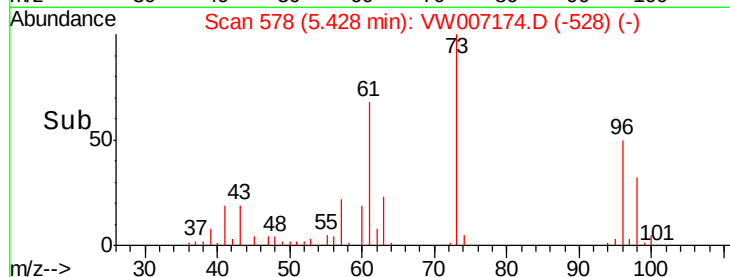


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 68.769 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Tgt Ion: 45 Resp: 222738

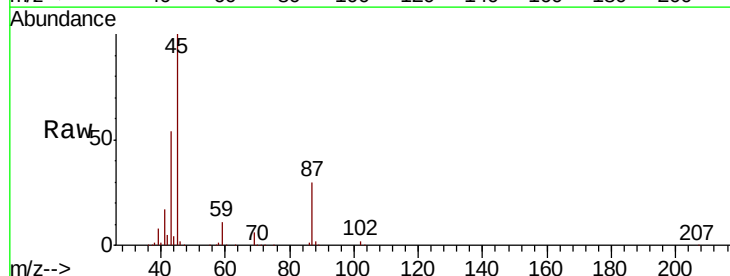
Ion Ratio Lower Upper

45 100

43 53.1 42.2 63.4

87 30.4 22.8 34.2

59 11.1 9.5 14.3



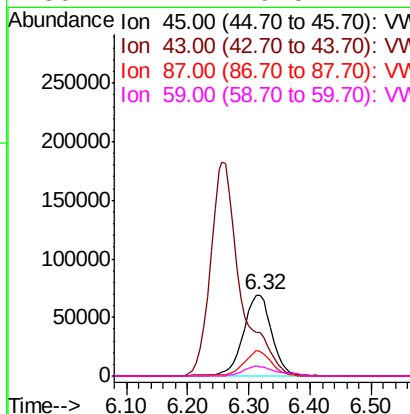
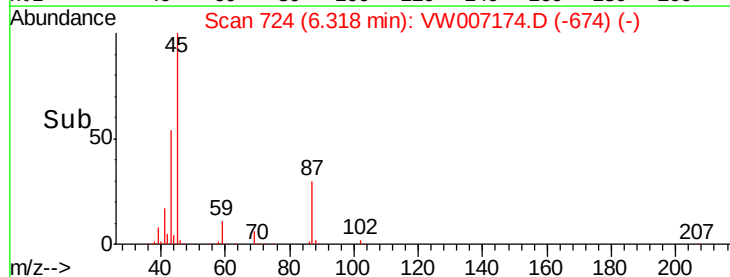
Abundance

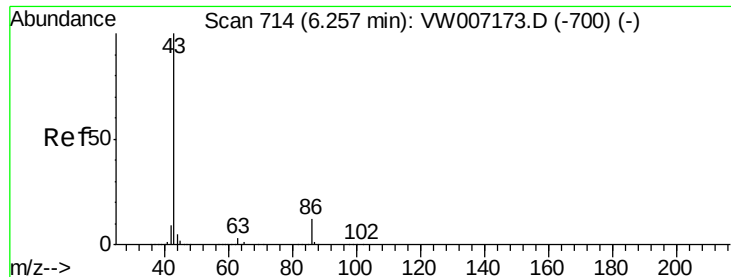
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 364.846 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

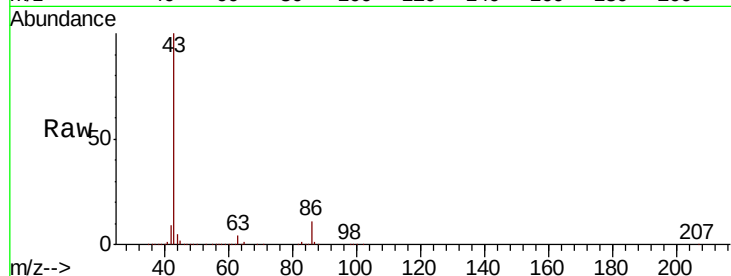
VSTDIC075

Tgt Ion: 43 Resp: 626402

Ion Ratio Lower Upper

43 100

86 11.0 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

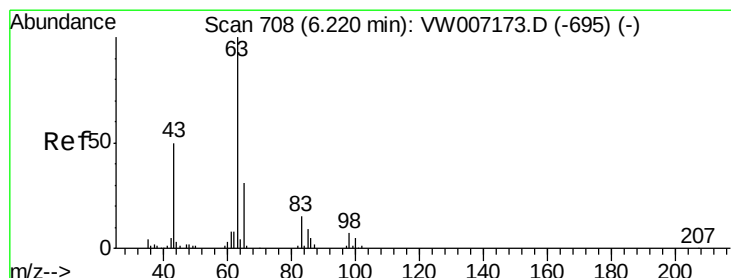
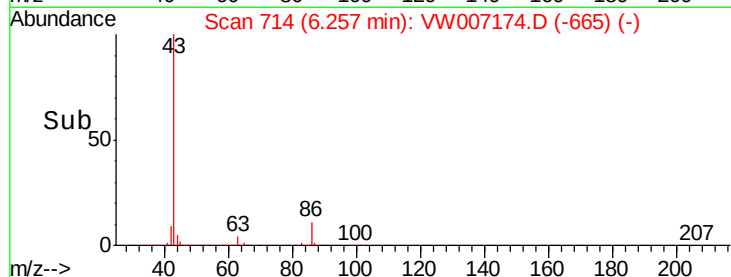
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 68.628 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

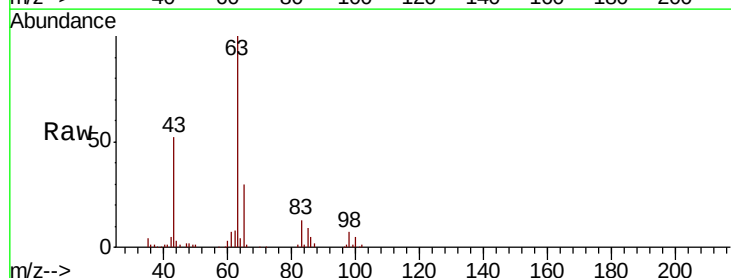
Tgt Ion: 63 Resp: 135611

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

60000

50000

40000

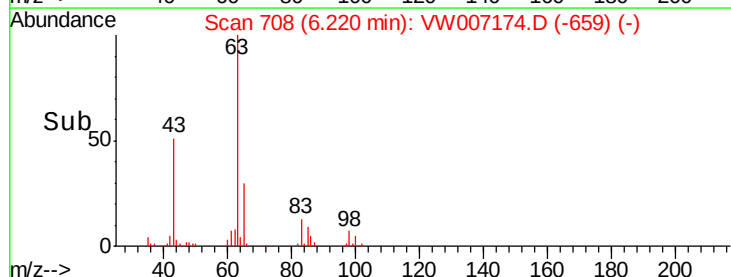
30000

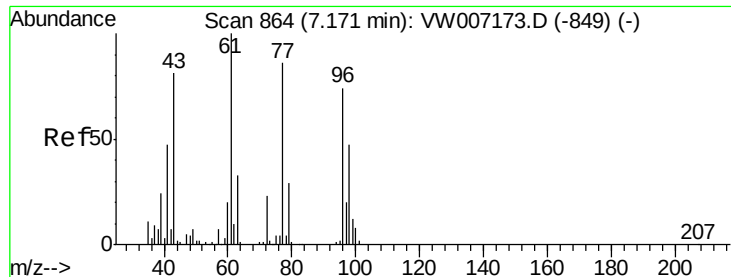
20000

10000

0

Time-->





#25

2-Butanone

Concen: 388.625 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

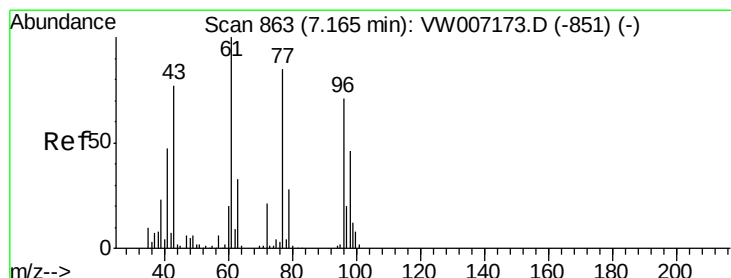
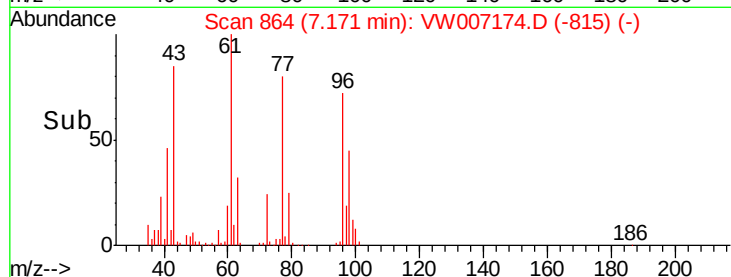
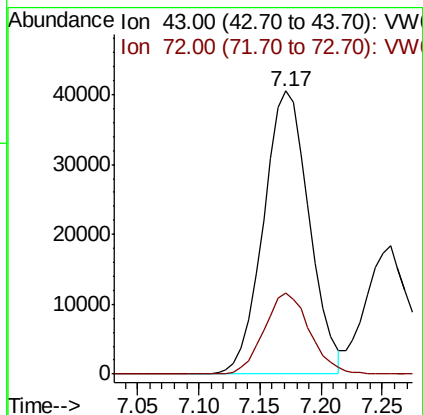
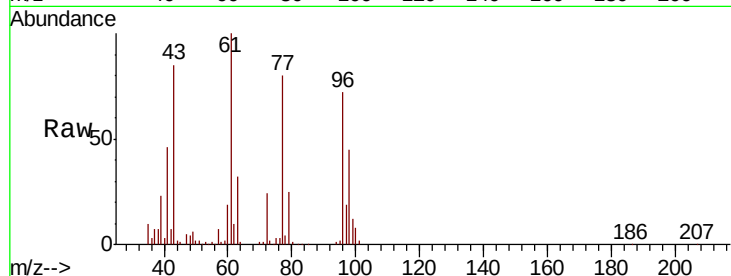
VSTDIC075

Tgt Ion: 43 Resp: 105437

Ion Ratio Lower Upper

43 100

72 28.9 23.0 34.4



#26

2,2-Dichloropropane

Concen: 64.478 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007174.D

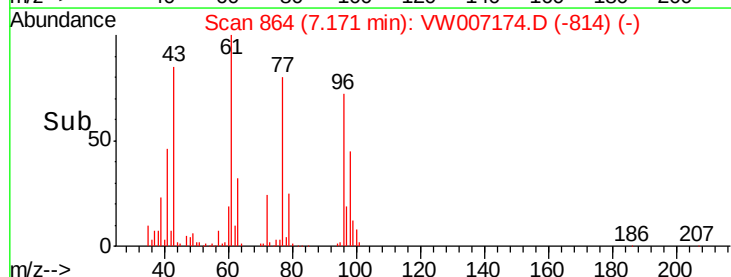
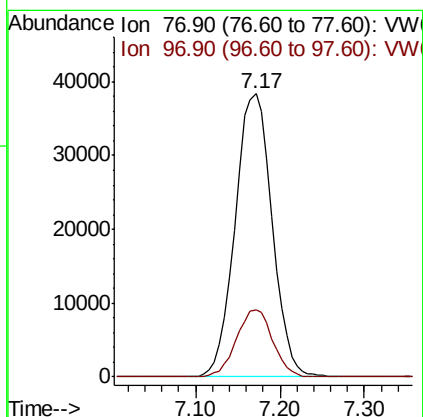
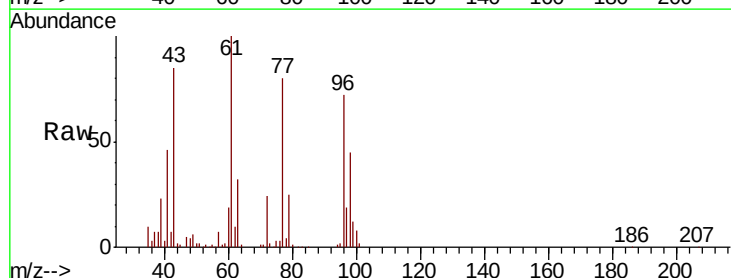
Acq: 04 Dec 2018 01:44

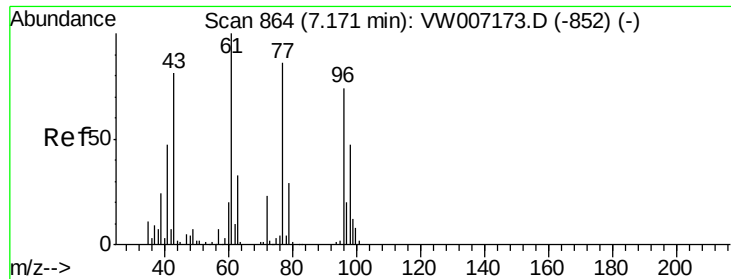
Tgt Ion: 77 Resp: 114076

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1



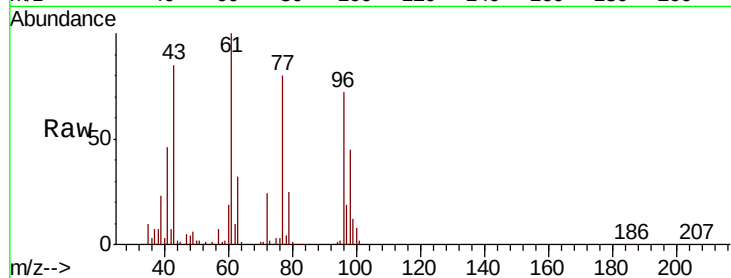


#27

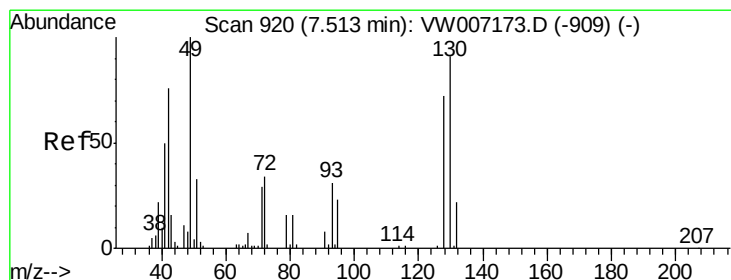
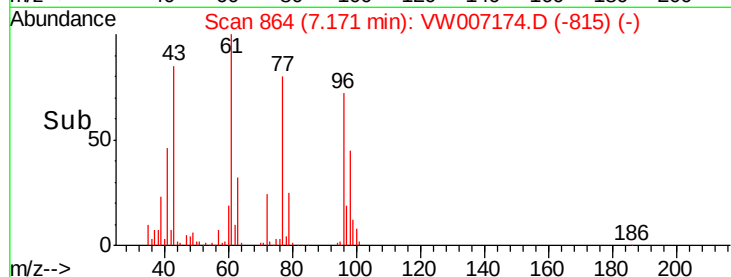
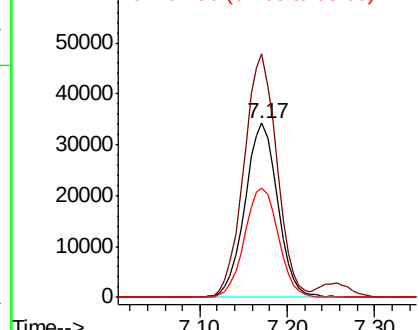
cis-1,2-Dichloroethene
 Concen: 71.022 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 96 Resp: 89141
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 282.2
 98 65.1 0.0 129.8



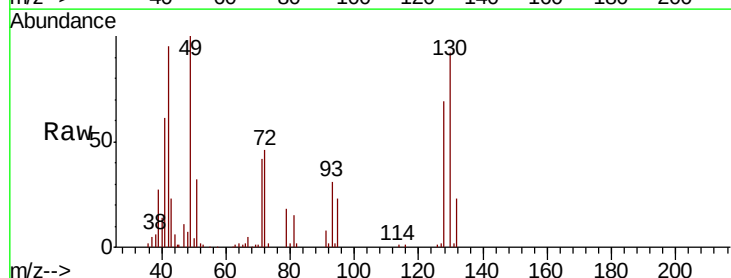
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



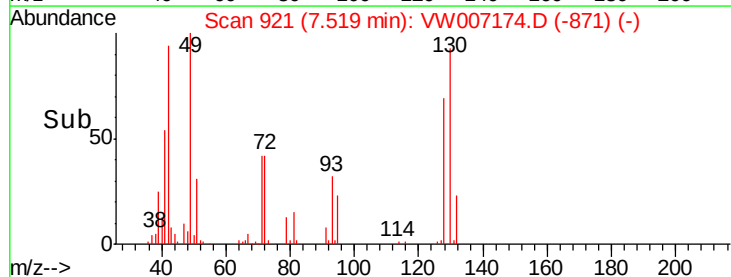
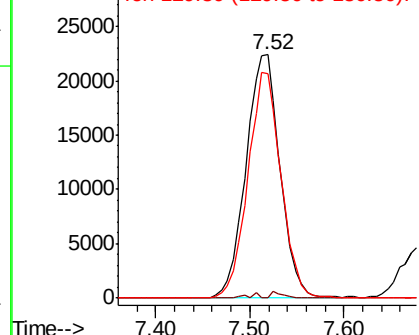
#28

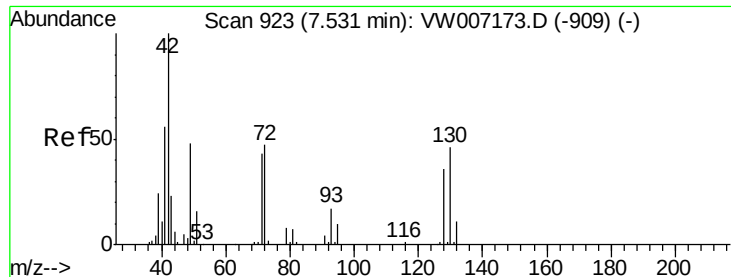
Bromochloromethane
 Concen: 77.192 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 49 Resp: 56829
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 1.8
 130 90.0 70.5 105.7



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

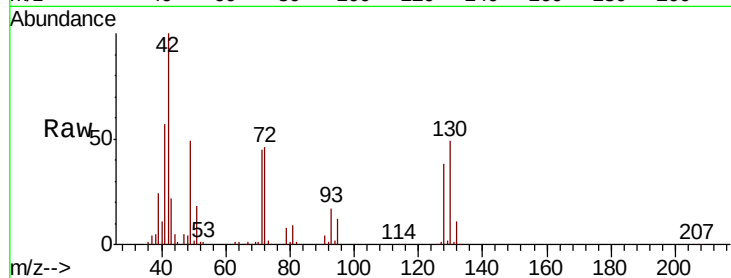




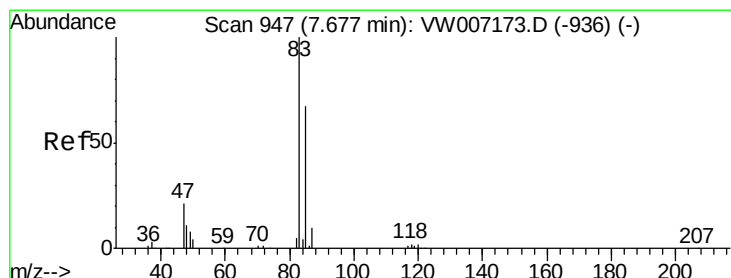
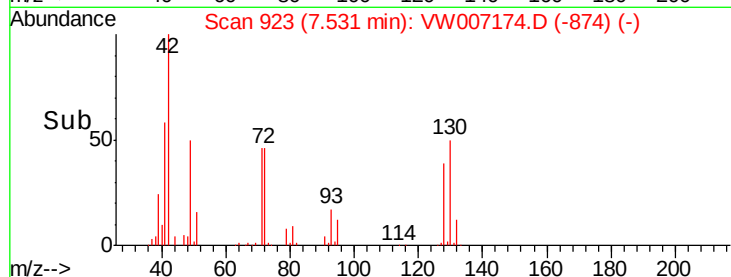
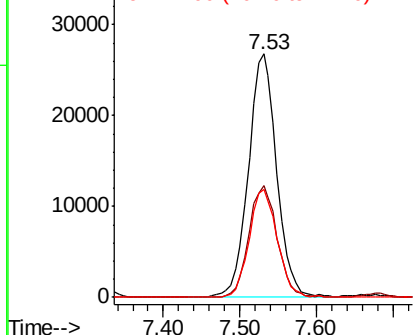
#29
Tetrahydrofuran
Concen: 393.990 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 42 Resp: 69109
Ion Ratio Lower Upper
42 100
72 46.1 37.3 55.9
71 44.1 35.0 52.6

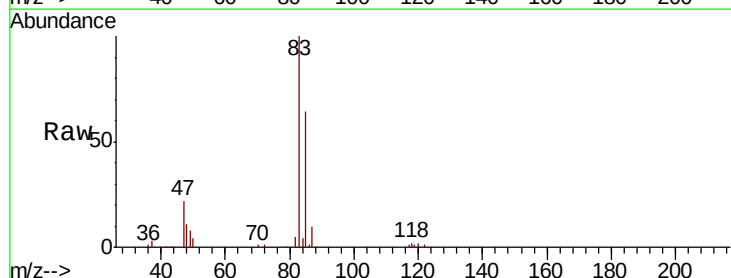


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

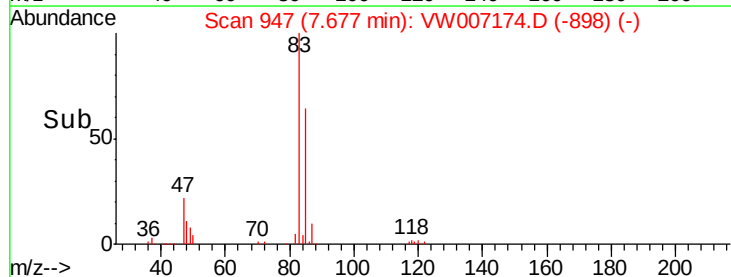
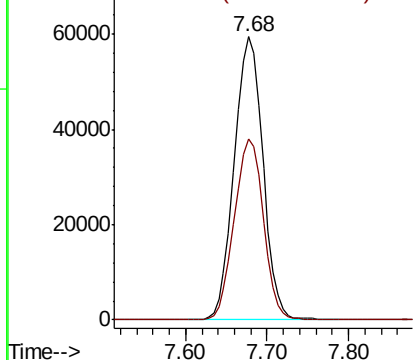


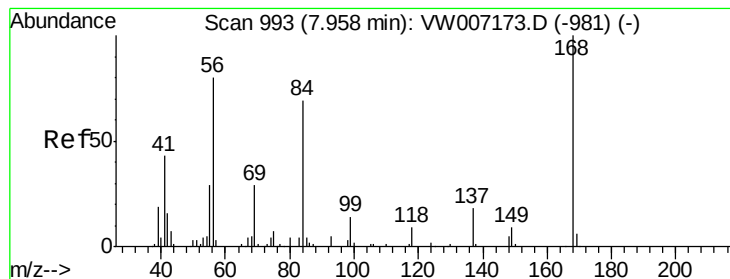
#30
Chloroform
Concen: 68.858 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 83 Resp: 144698
Ion Ratio Lower Upper
83 100
85 64.0 53.8 80.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 59.713 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

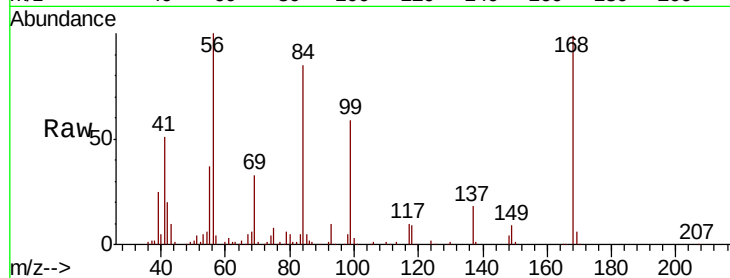
Tgt Ion: 56 Resp: 123402

Ion Ratio Lower Upper

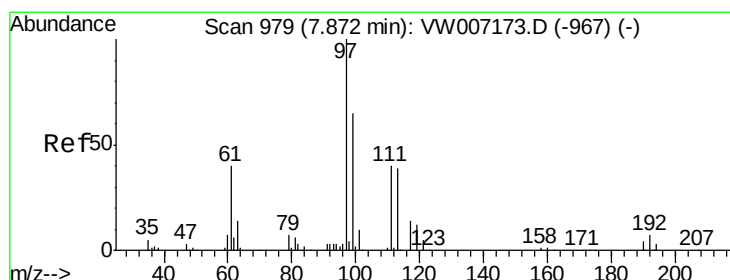
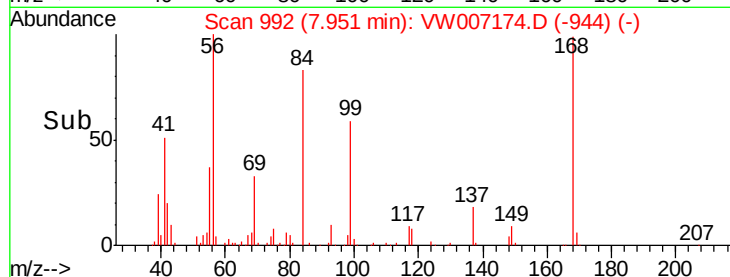
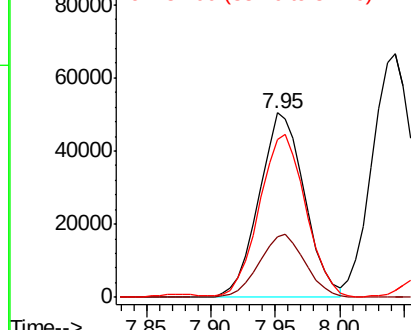
56 100

69 32.9 29.2 43.8

84 83.9 69.0 103.4



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



#32

1,1,1-Trichloroethane

Concen: 68.175 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

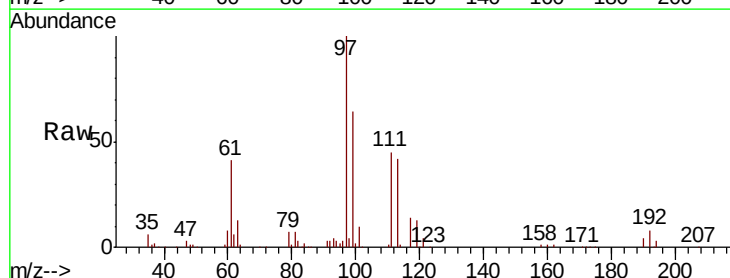
Tgt Ion: 97 Resp: 128854

Ion Ratio Lower Upper

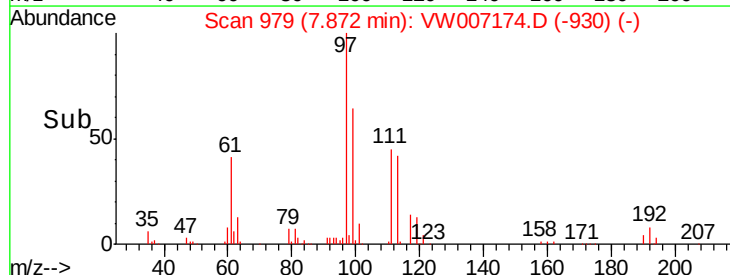
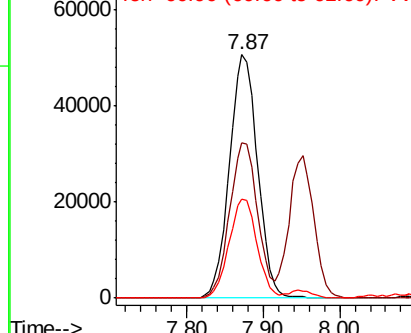
97 100

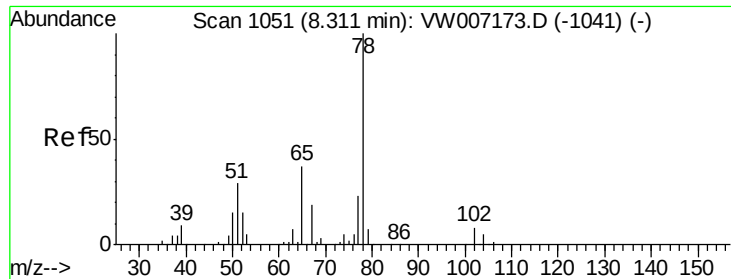
99 64.0 52.0 78.0

61 40.5 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

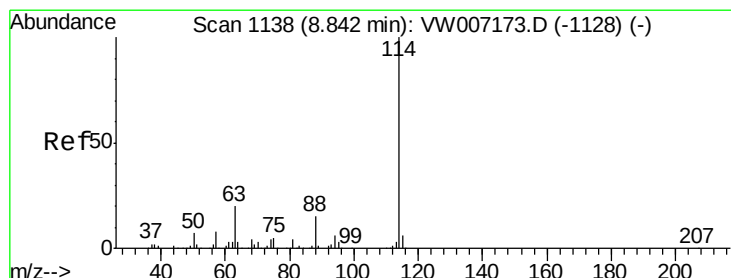
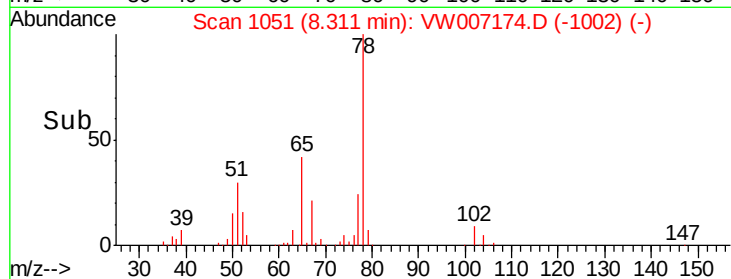
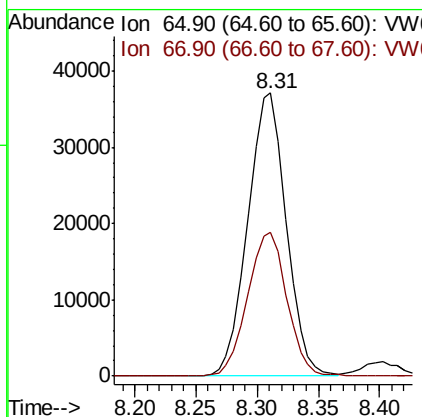
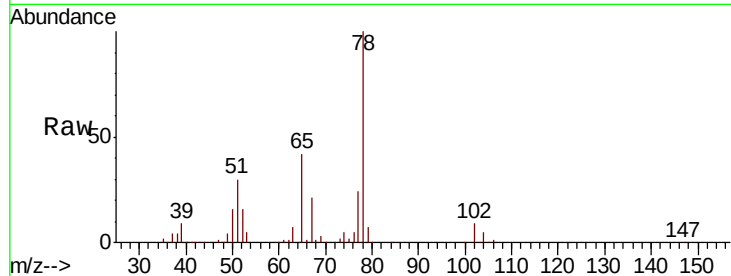




#33
 1,2-Dichloroethane-d4
 Concen: 74.928 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

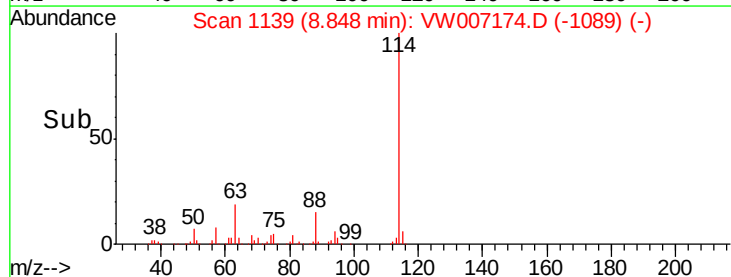
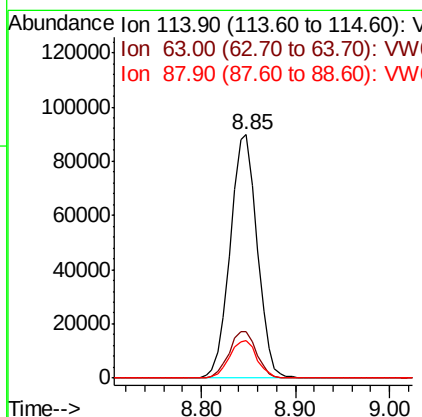
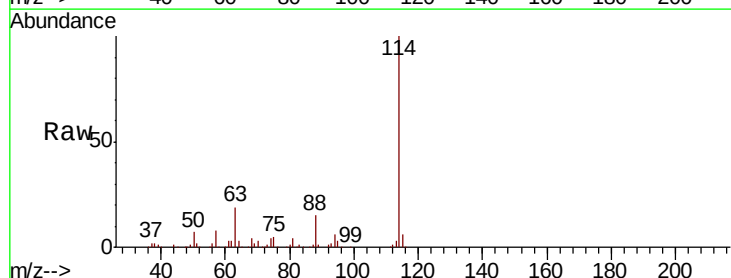
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

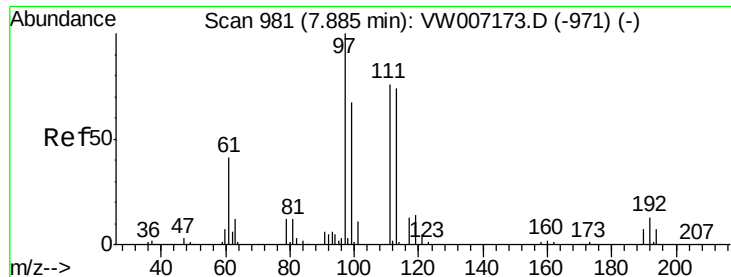
Tgt Ion: 65 Resp: 81404
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 114 Resp: 179406
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.4 0.0 30.8

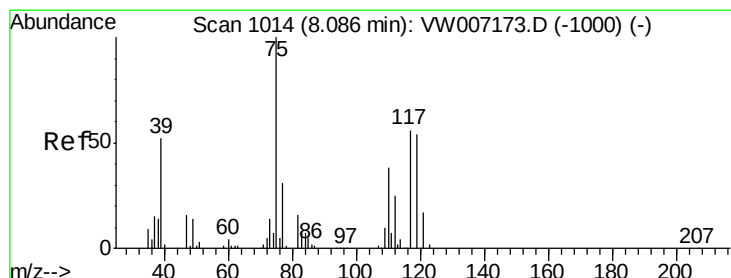
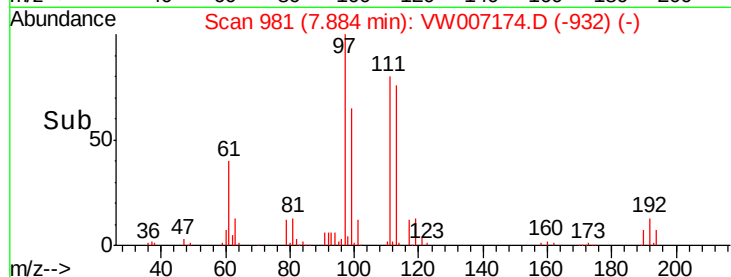
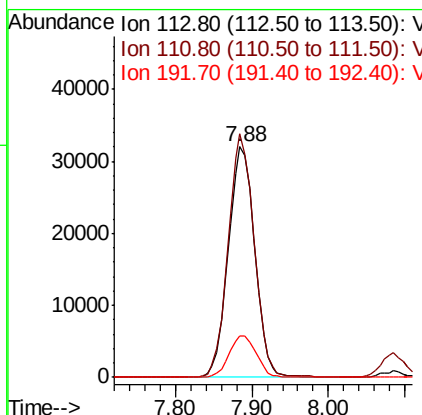
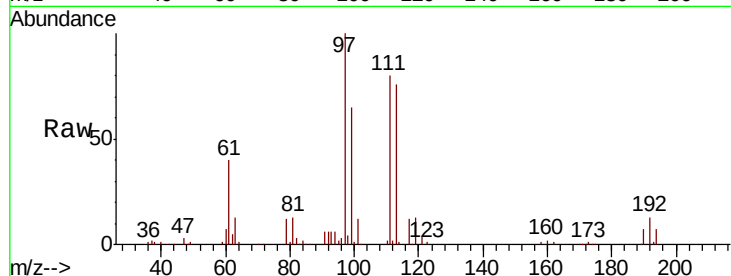




#35
 Dibromofluoromethane
 Concen: 76.198 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

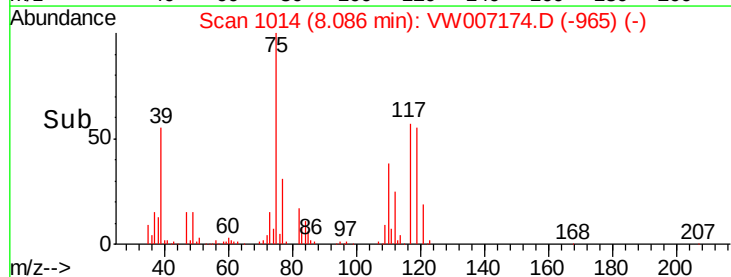
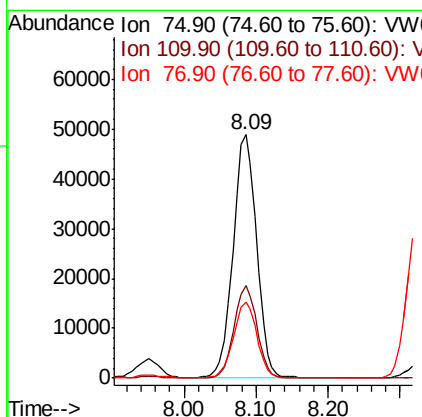
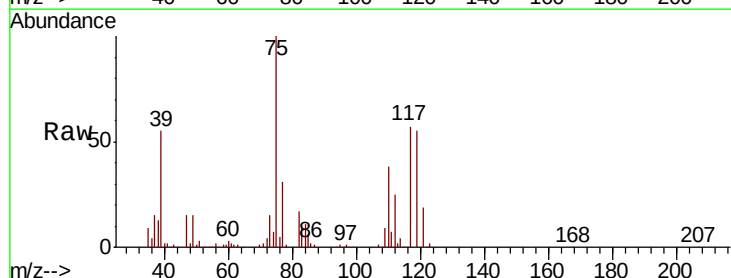
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

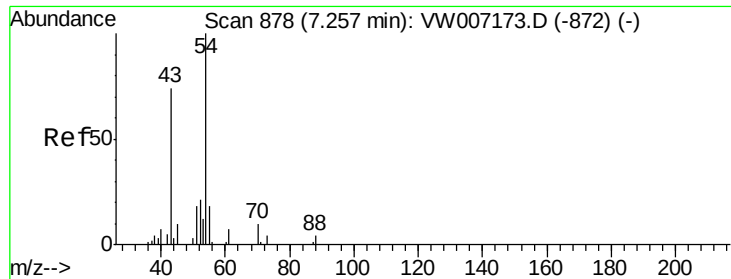
Tgt Ion: 113 Resp: 76856
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.9 122.9
 192 18.4 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 64.475 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 75 Resp: 111411
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.2
 77 31.2 24.9 37.3

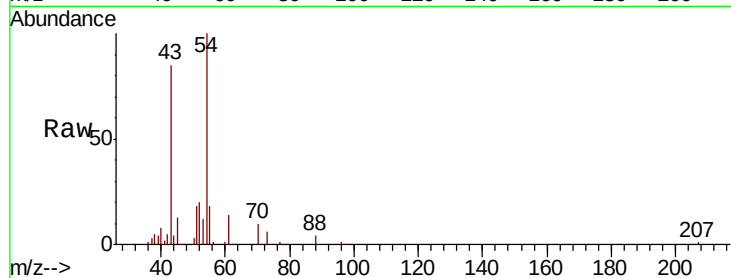




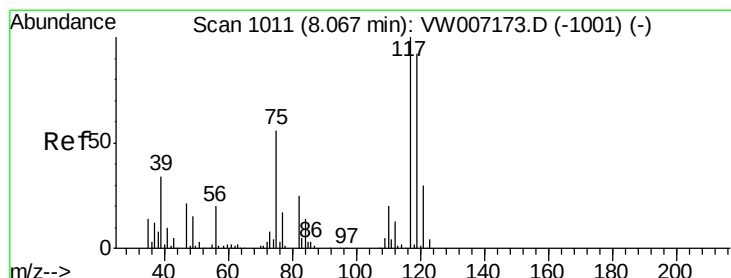
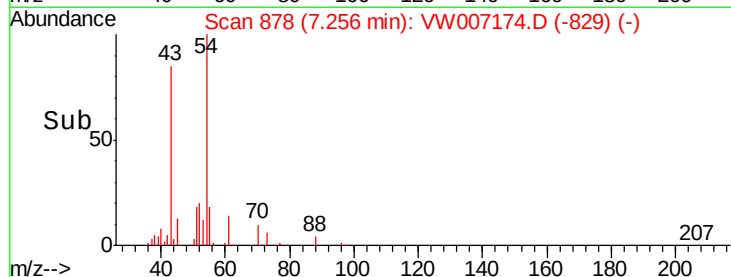
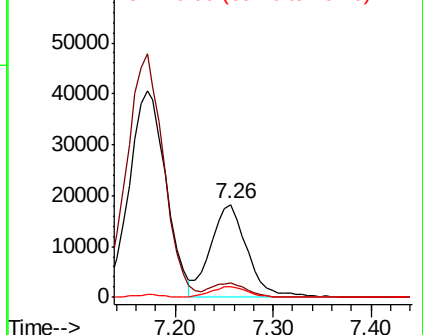
#37
Ethyl Acetate
Concen: 73.967 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 46829
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.4
70 11.4 9.3 13.9

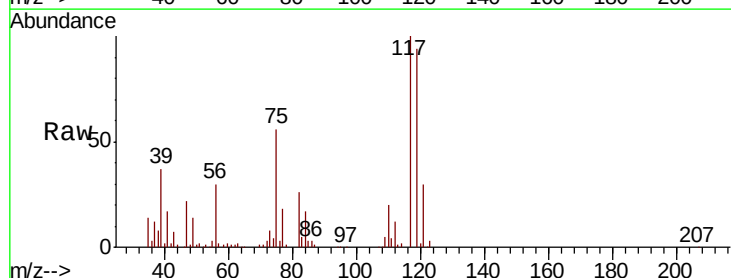


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

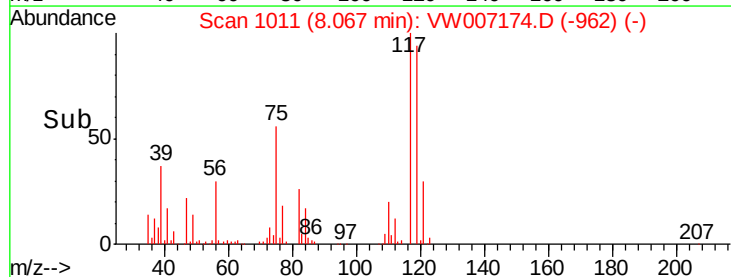
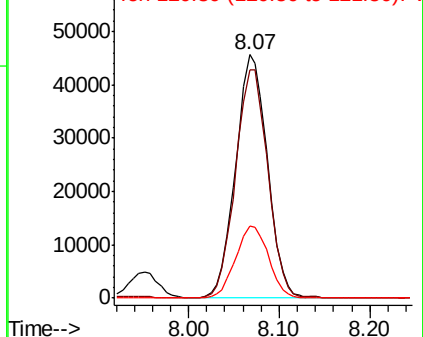


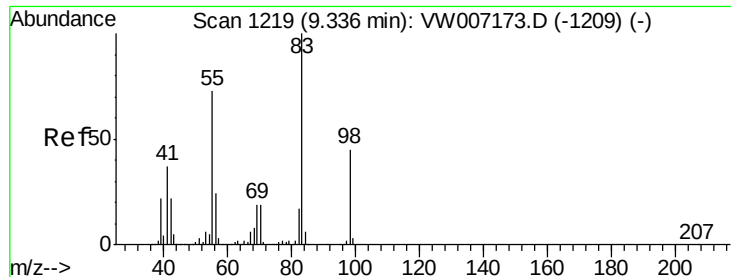
#38
Carbon Tetrachloride
Concen: 66.743 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 117 Resp: 111018
Ion Ratio Lower Upper
117 100
119 93.6 73.8 110.6
121 29.8 24.1 36.1



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

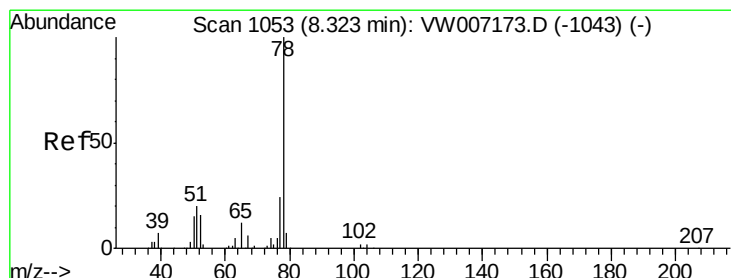
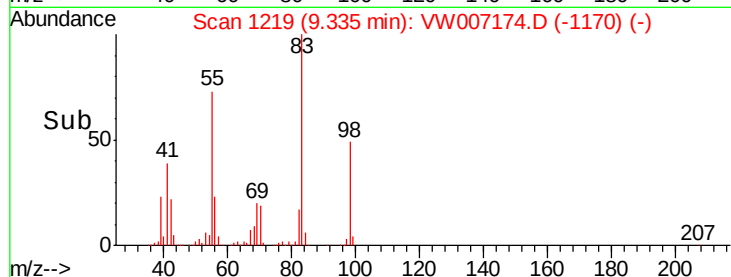
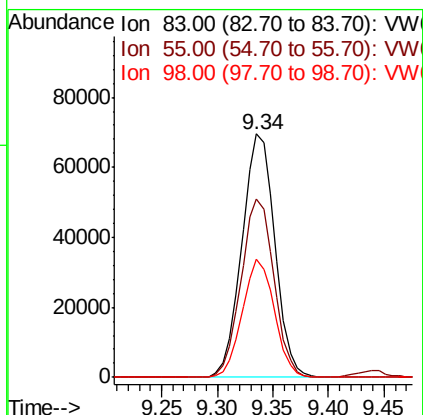
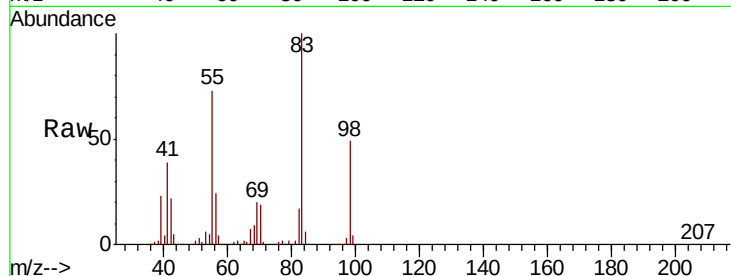




#39
Methylcyclohexane
Concen: 66.203 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

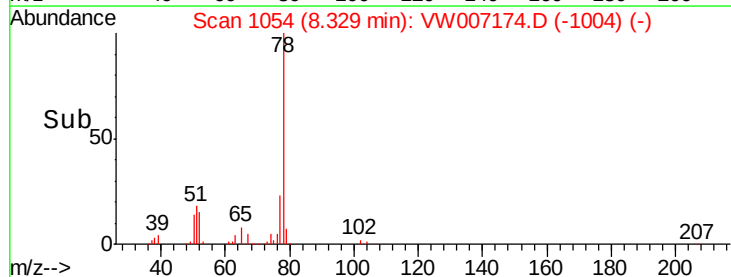
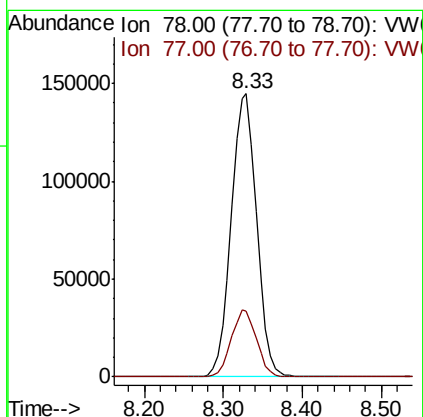
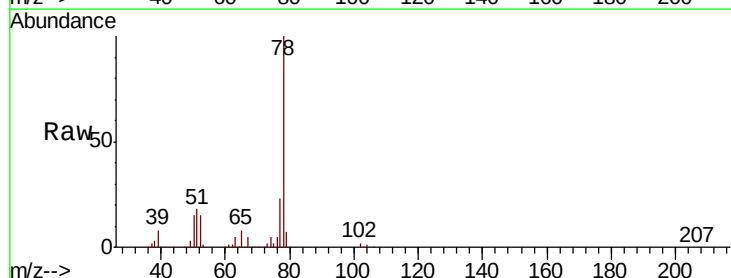
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

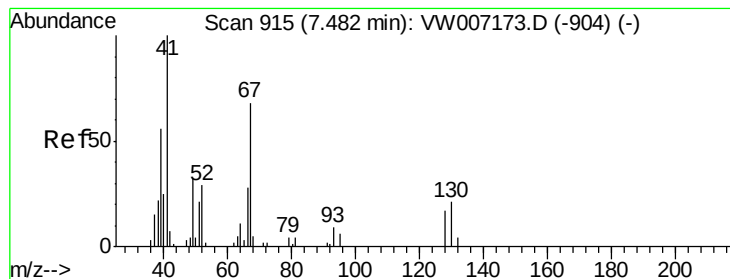
Tgt Ion: 83 Resp: 143301
Ion Ratio Lower Upper
83 100
55 73.3 58.7 88.1
98 48.8 36.3 54.5



#40
Benzene
Concen: 69.144 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 78 Resp: 324642
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3





#41

Methacrylonitrile

Concen: 67.185 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 41 Resp: 26669

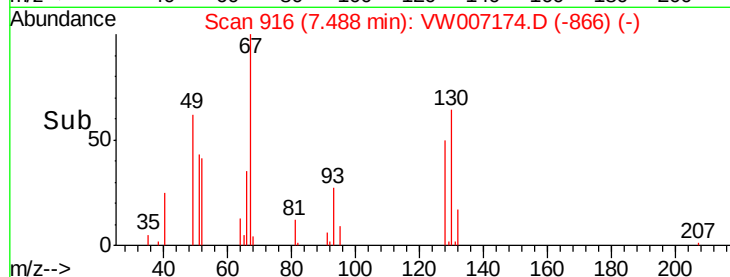
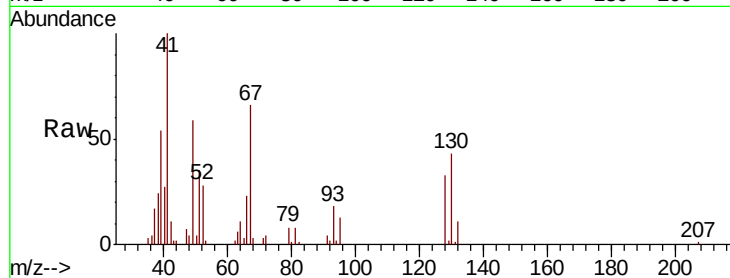
Ion Ratio Lower Upper

41 100

39 61.3 43.4 65.2

67 78.8 54.3 81.5

52 31.8 21.4 32.2

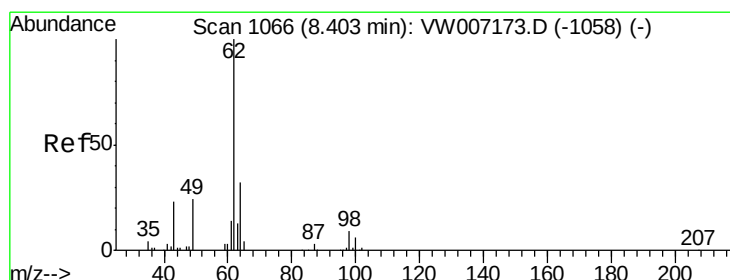
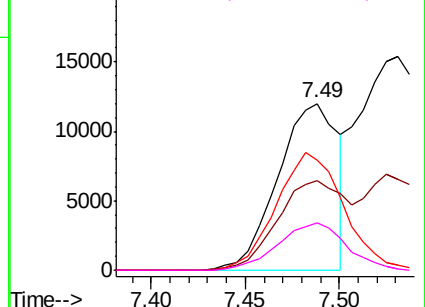


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 69.209 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007174.D

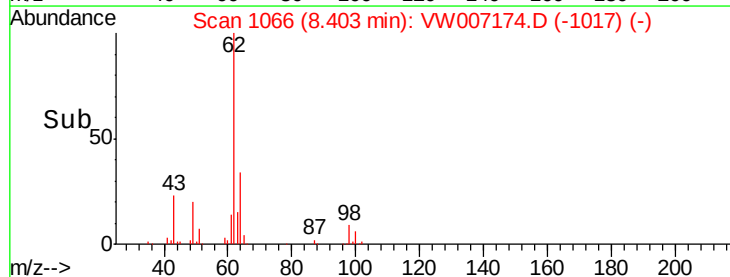
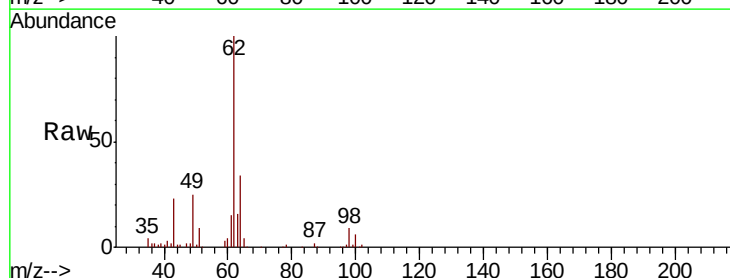
Acq: 04 Dec 2018 01:44

Tgt Ion: 62 Resp: 94260

Ion Ratio Lower Upper

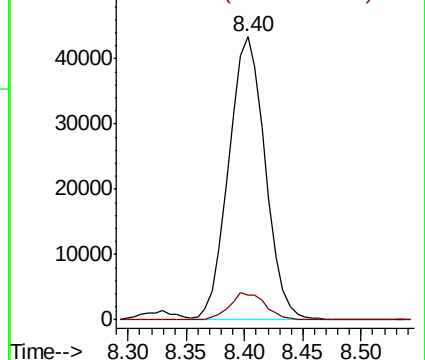
62 100

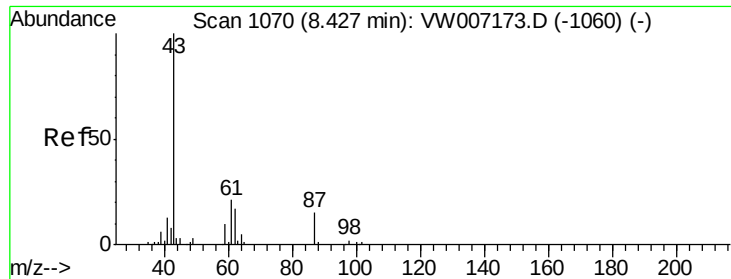
98 9.5 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

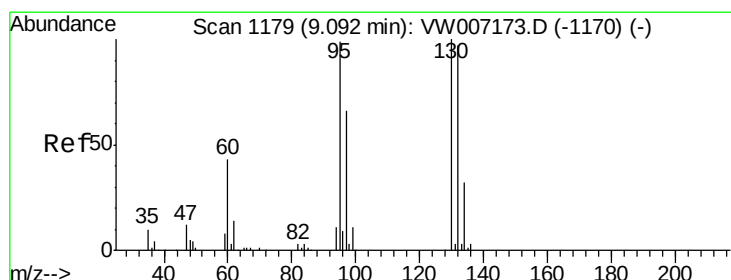
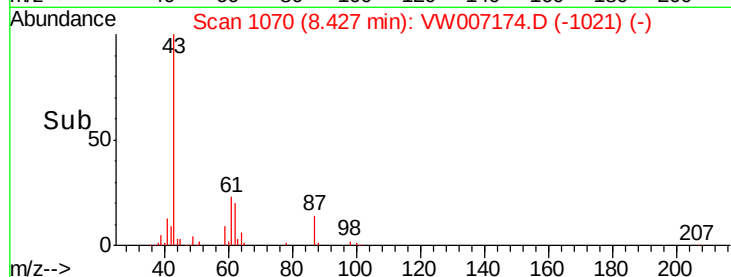
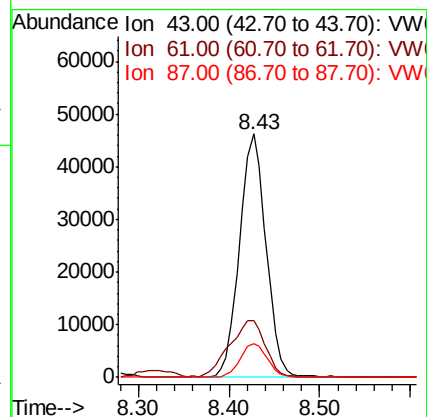
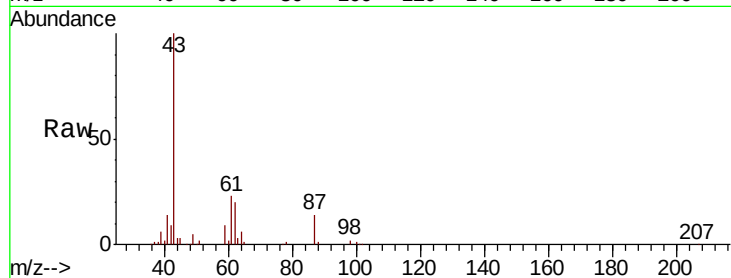




#43
Isopropyl Acetate
Concen: 77.460 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

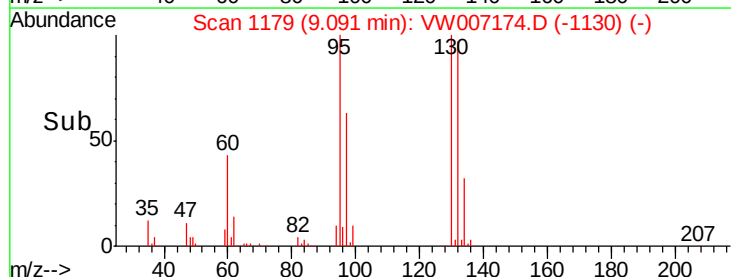
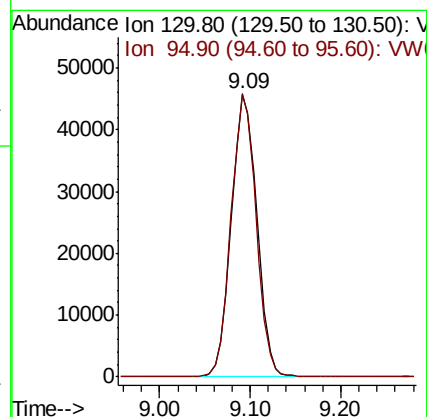
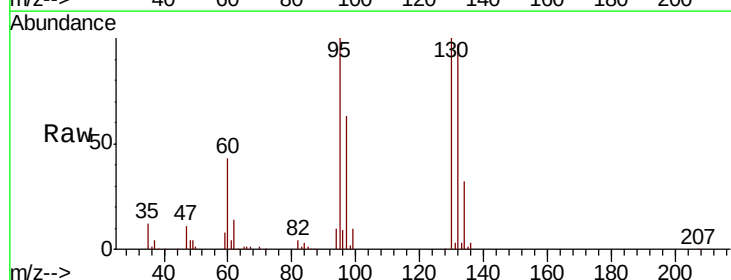
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

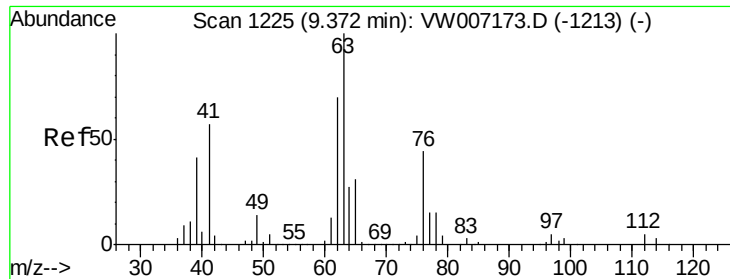
Tgt Ion: 43 Resp: 93968
Ion Ratio Lower Upper
43 100
61 31.7 24.7 37.1
87 14.1 11.3 16.9



#44
Trichloroethene
Concen: 68.056 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 130 Resp: 89626
Ion Ratio Lower Upper
130 100
95 100.3 0.0 198.8

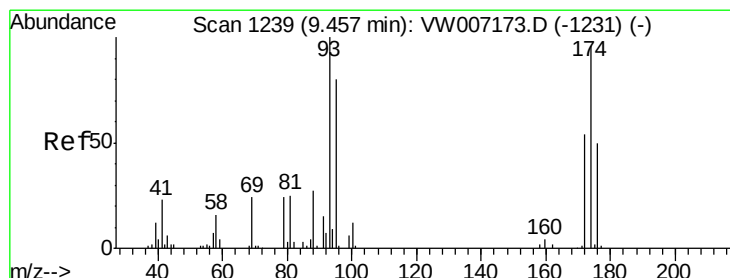
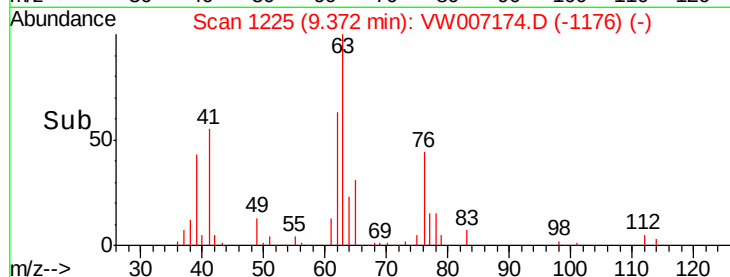
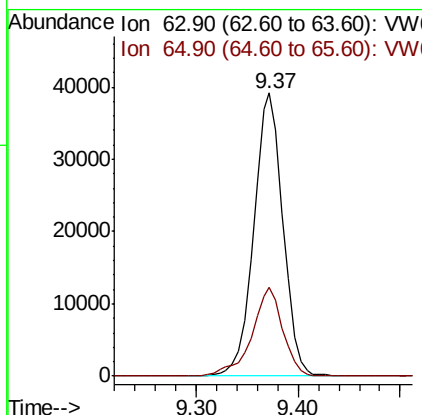
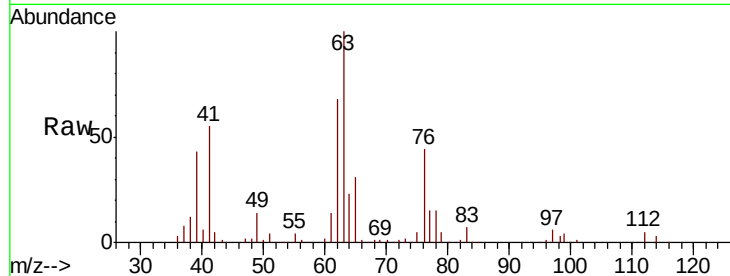




#45
 1,2-Dichloropropane
 Concen: 67.669 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

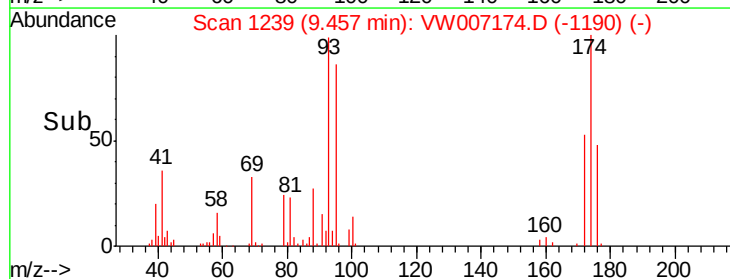
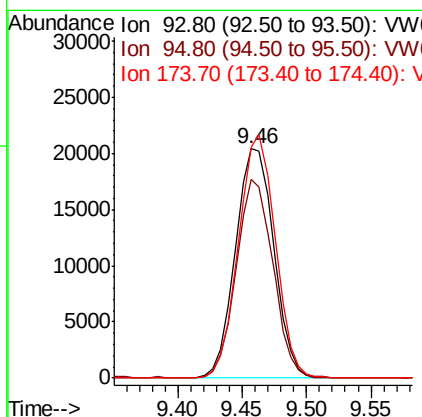
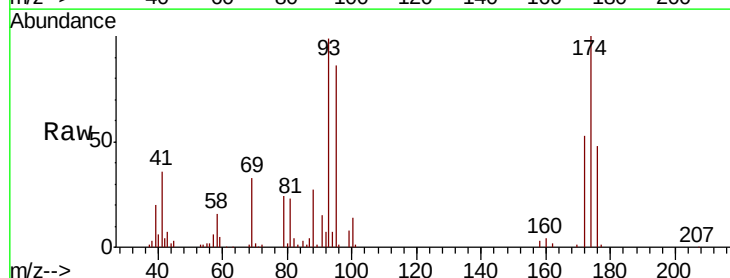
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

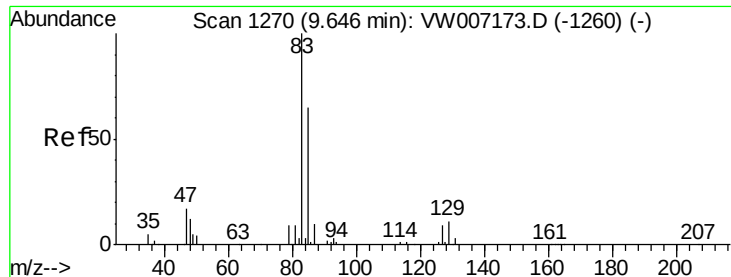
Tgt Ion: 63 Resp: 77887
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.1 37.7



#46
 Dibromomethane
 Concen: 72.590 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 93 Resp: 42381
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.4
 174 101.4 79.3 118.9

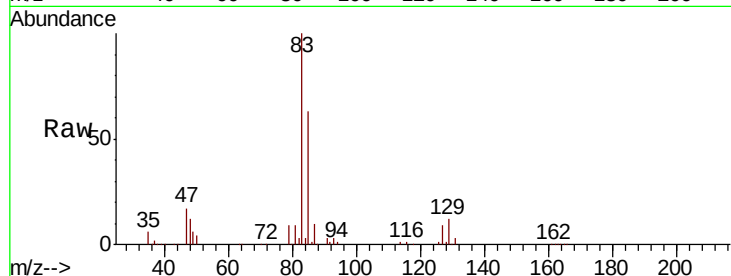




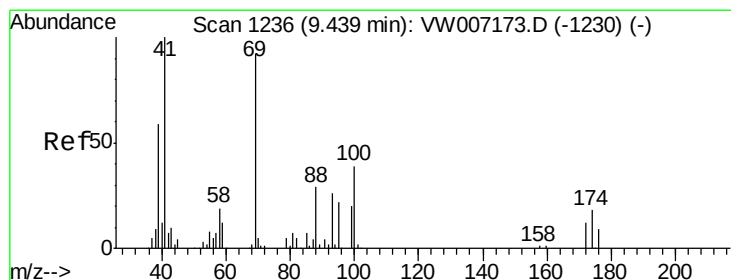
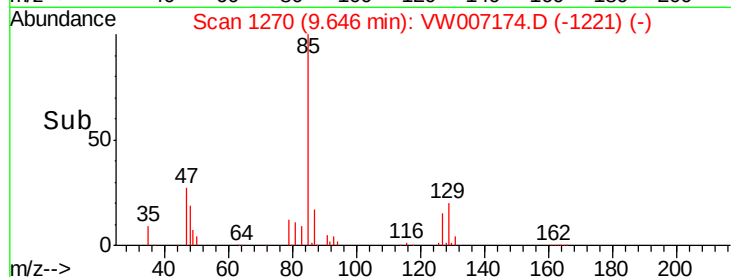
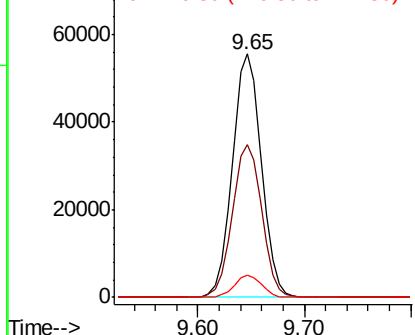
#47
Bromodichloromethane
Concen: 69.385 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 83 Resp: 106176
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9
127 9.3 7.1 10.7

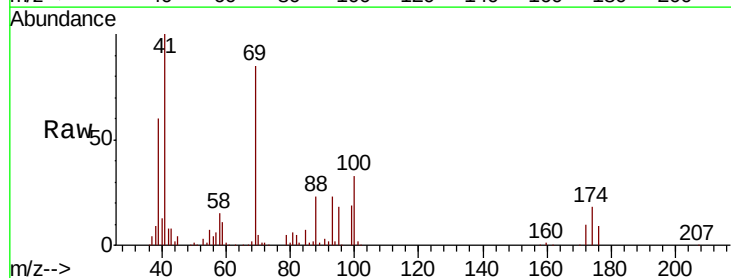


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

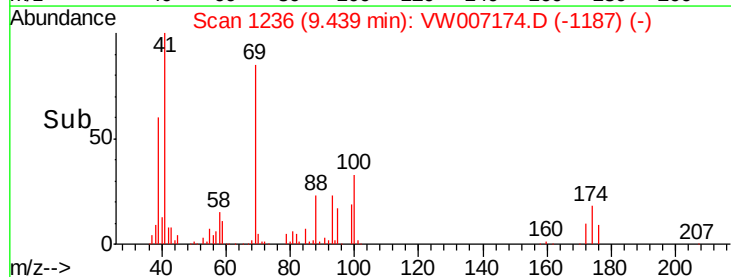
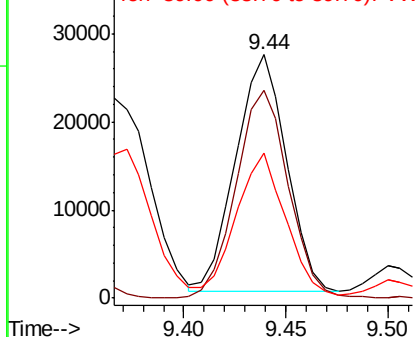


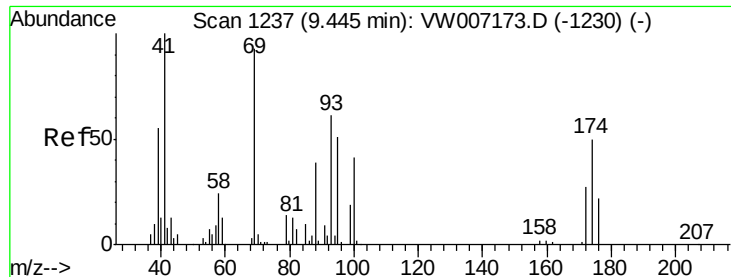
#48
Methyl methacrylate
Concen: 79.601 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 41 Resp: 46394
Ion Ratio Lower Upper
41 100
69 90.2 74.9 112.3
39 57.8 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

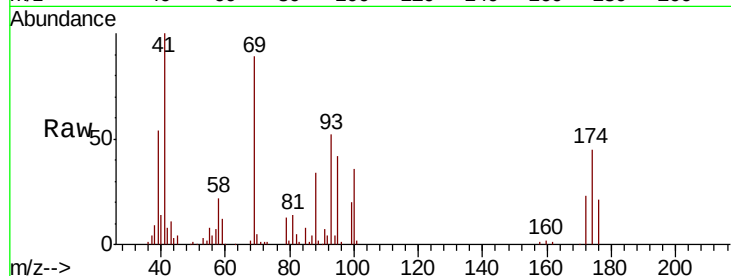




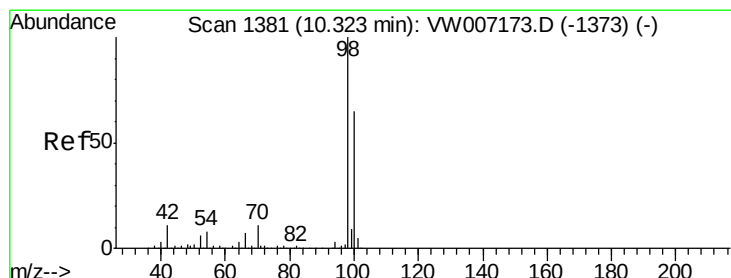
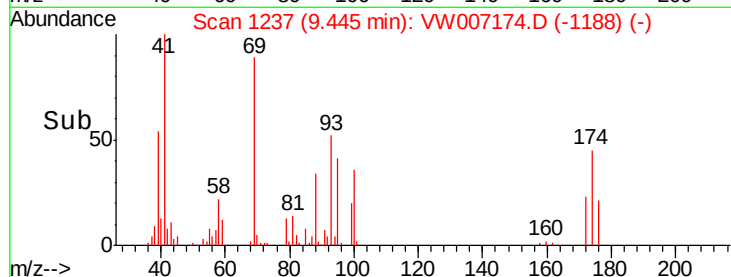
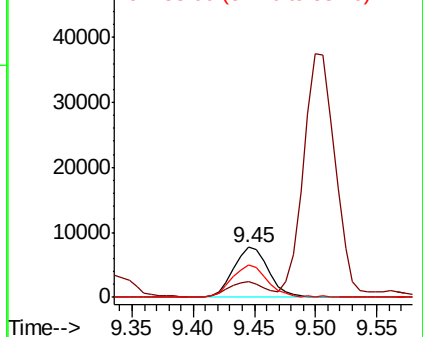
#49
1,4-Dioxane
Concen: 1718.803 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 88 Resp: 15274
Ion Ratio Lower Upper
88 100
43 32.7 27.7 41.5
58 67.9 52.1 78.1

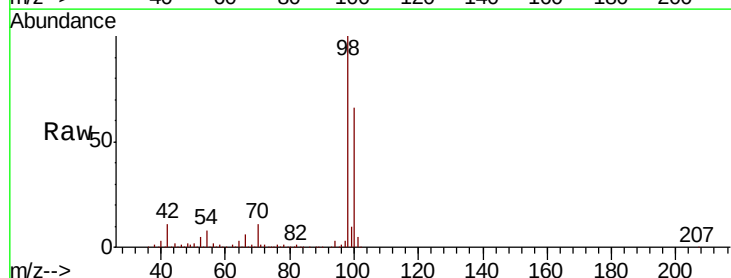


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

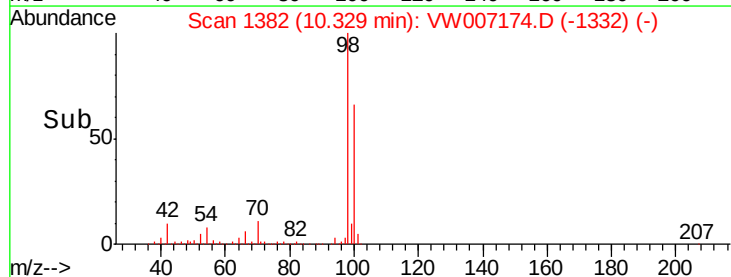
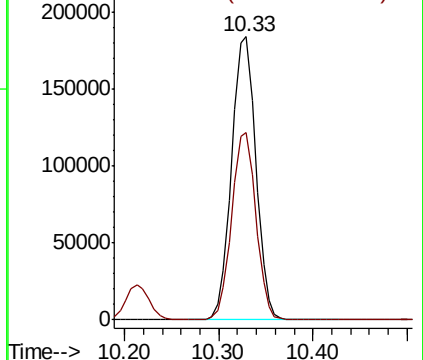


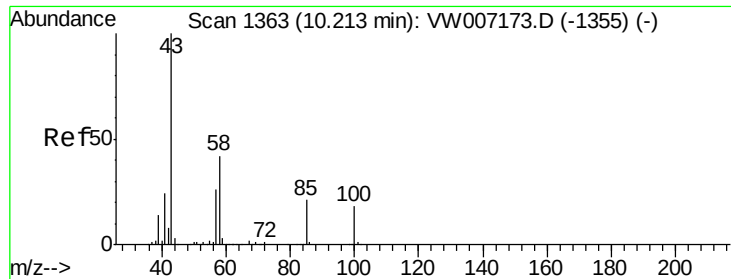
#50
Toluene-d8
Concen: 74.767 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 98 Resp: 330800
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

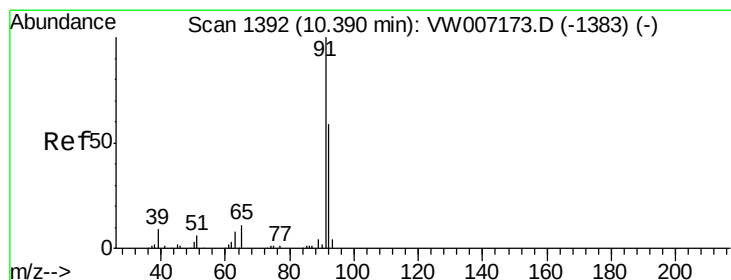
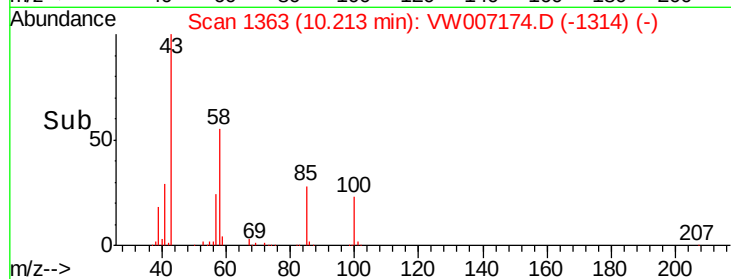
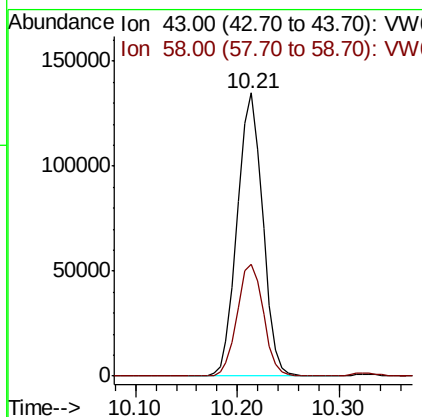
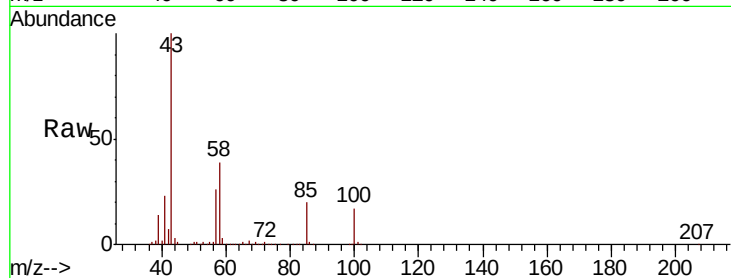




#51
 4-Methyl-2-Pentanone
 Concen: 382.270 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

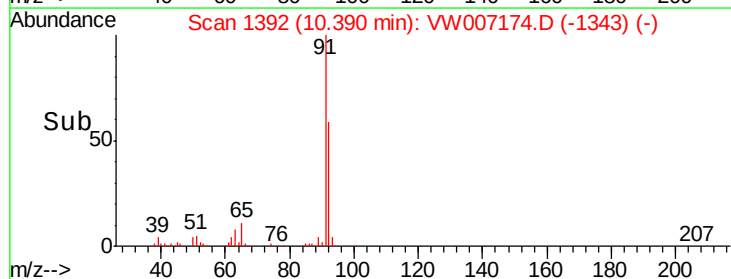
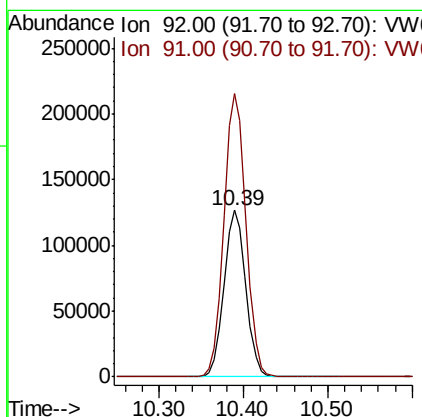
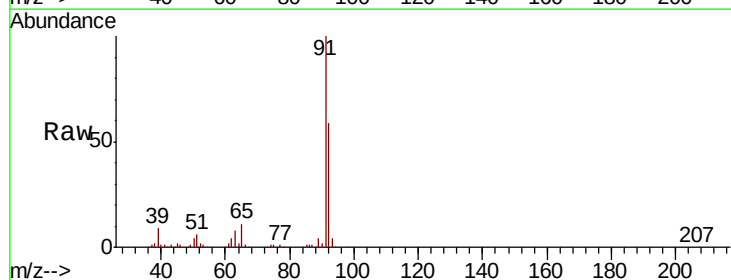
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

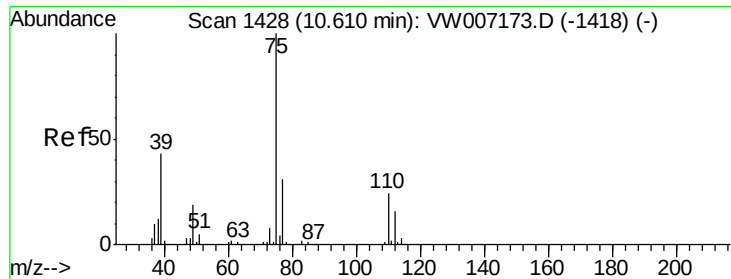
Tgt Ion: 43 Resp: 233024
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.6 49.0



#52
 Toluene
 Concen: 70.255 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 92 Resp: 224474
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 74.606 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

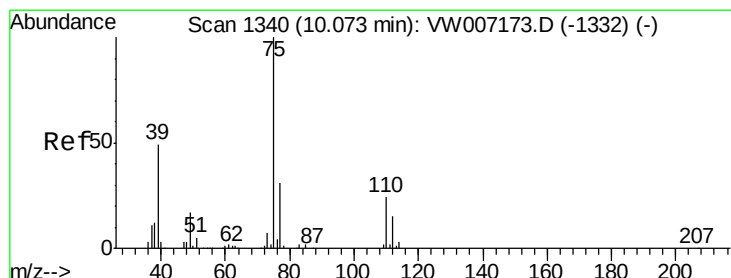
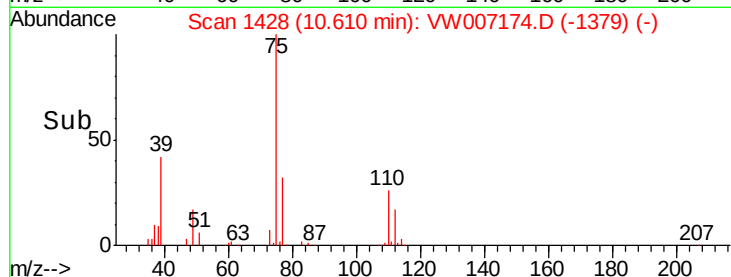
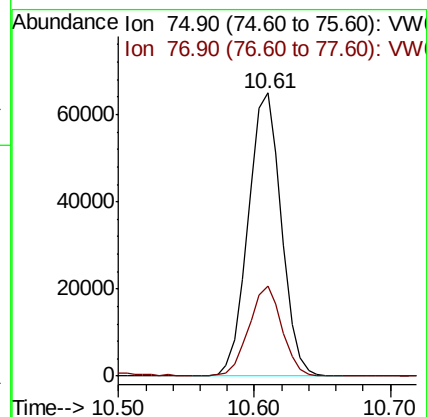
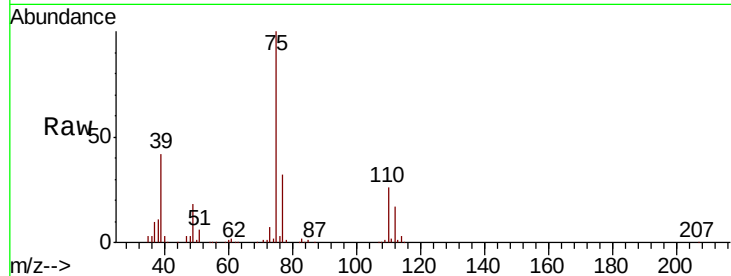
VSTDIC075

Tgt Ion: 75 Resp: 110876

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 70.255 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

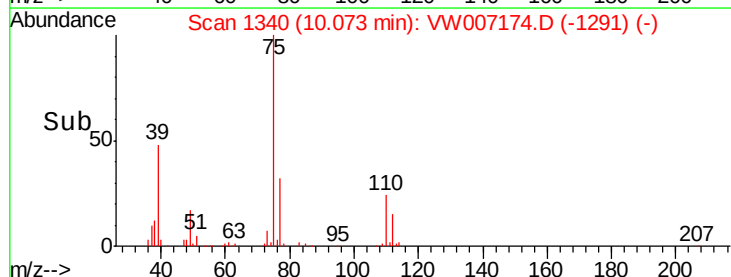
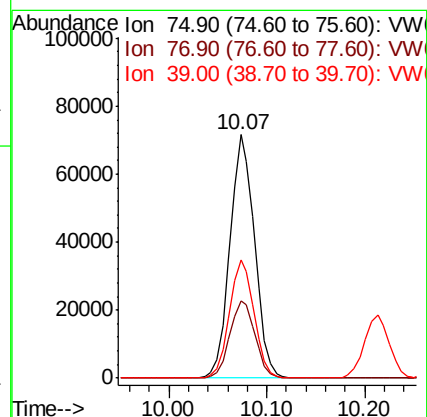
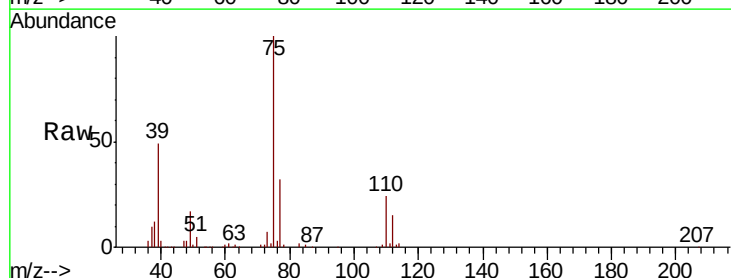
Tgt Ion: 75 Resp: 125101

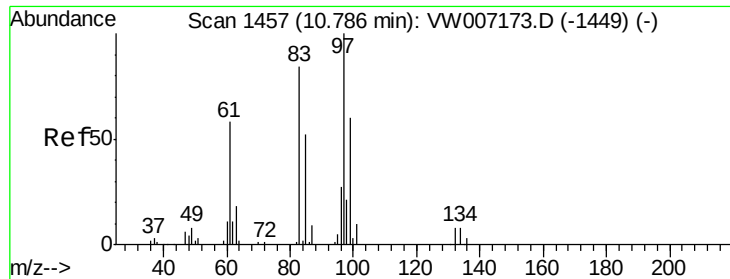
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 48.5 39.0 58.6

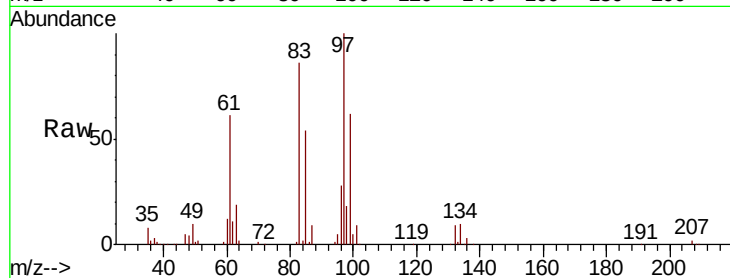




#55
 1,1,2-Trichloroethane
 Concen: 70.733 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:	97	Resp:	60398
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.0	100.4
85	53.5	41.5	62.3
99	62.4	48.4	72.6



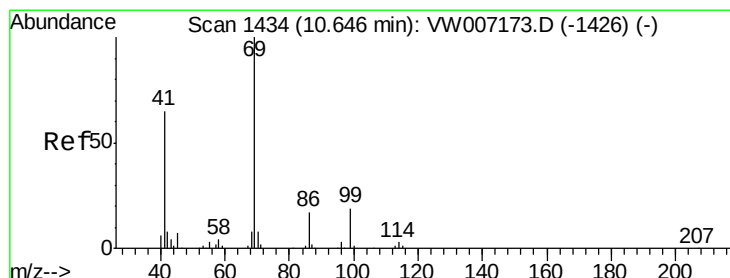
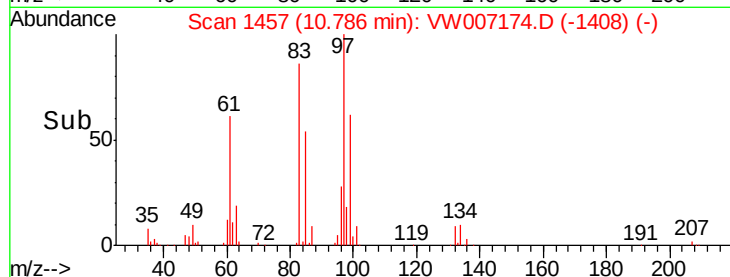
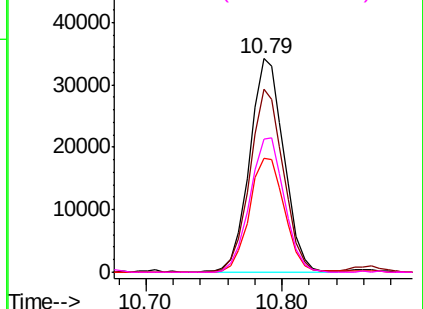
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

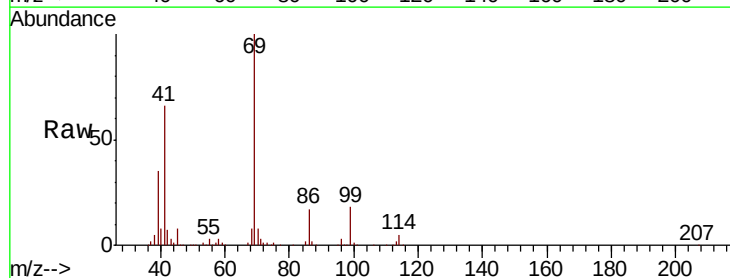
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 83.269 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion:	69	Resp:	83744
Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.2	76.8
39	33.6	26.7	40.1

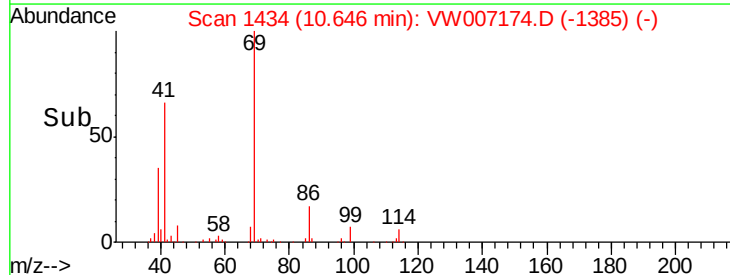
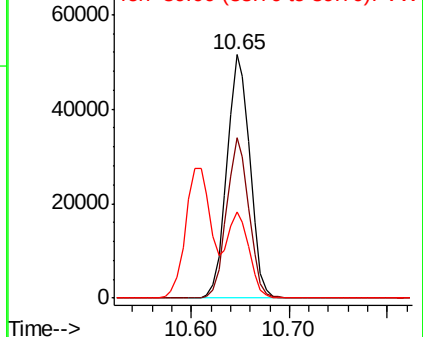


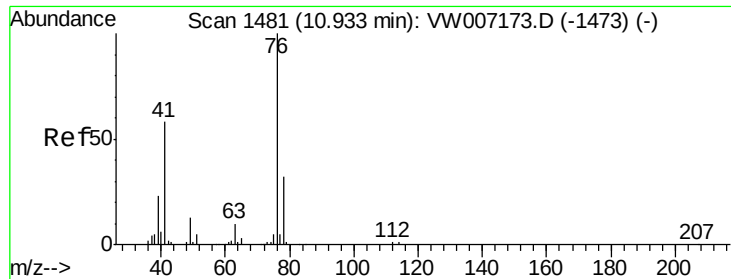
Abundance

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

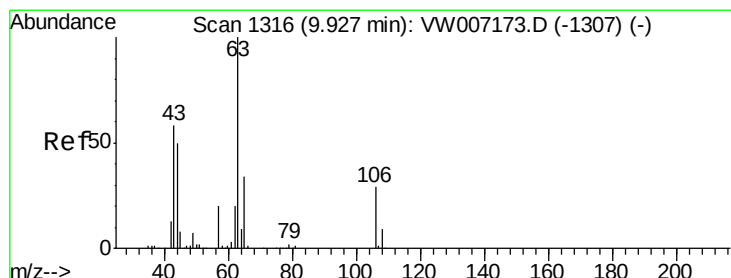
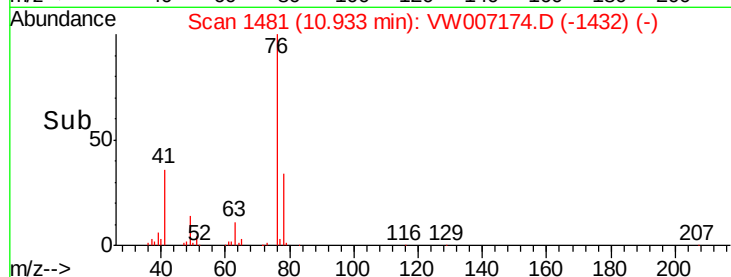
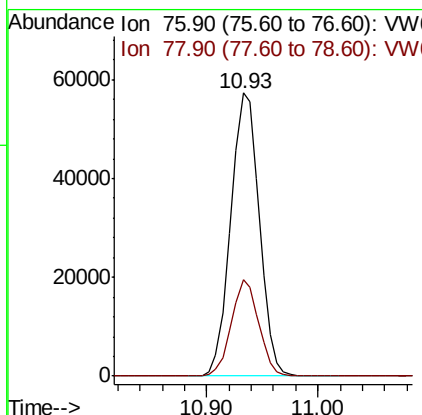
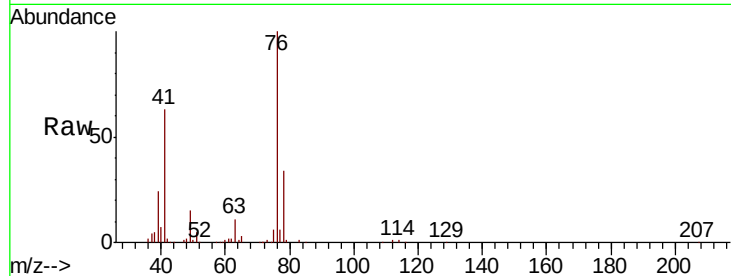




#57
 1,3-Dichloropropane
 Concen: 71.212 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

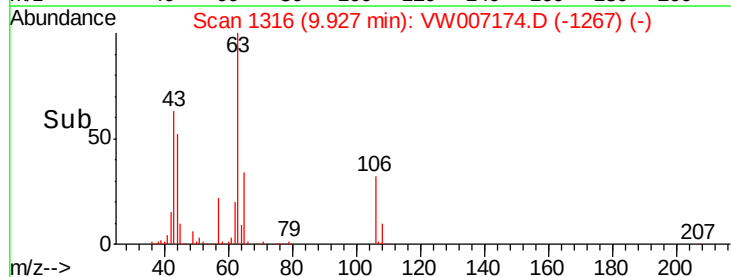
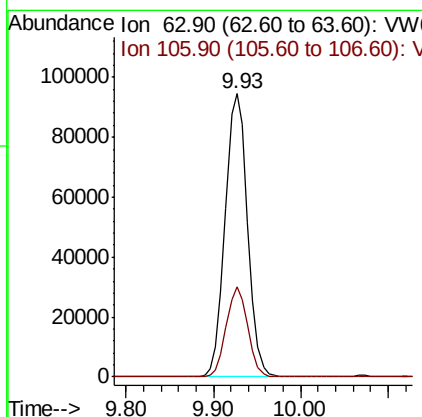
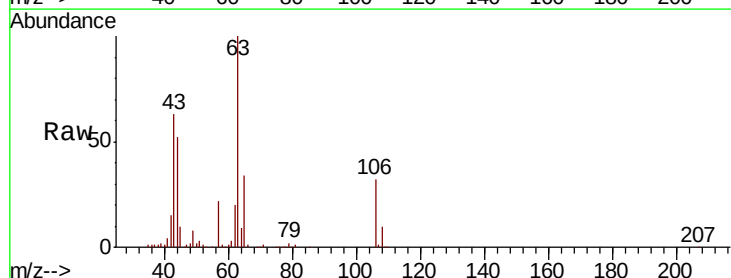
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

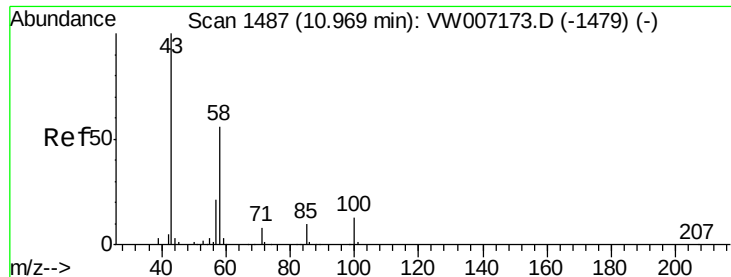
Tgt Ion: 76 Resp: 101948
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 328.972 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 63 Resp: 167410
 Ion Ratio Lower Upper
 63 100
 106 30.6 23.5 35.3

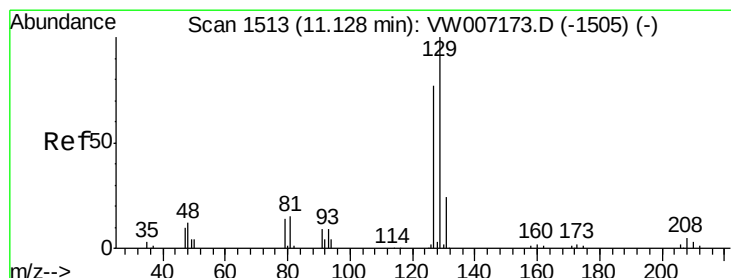
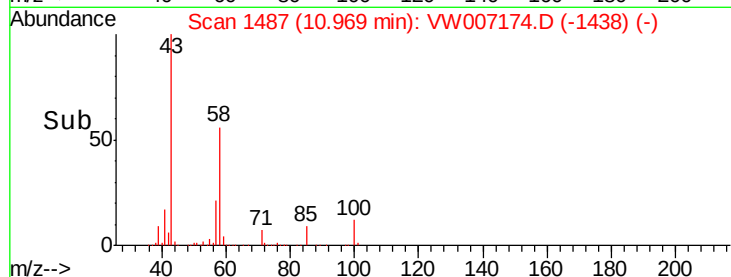
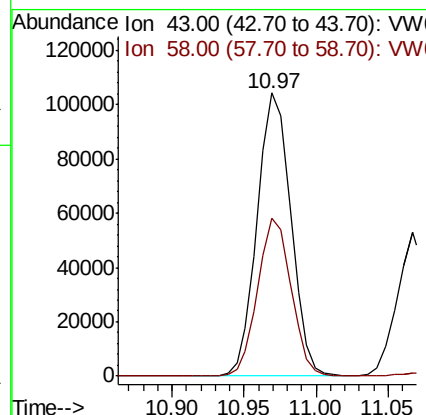
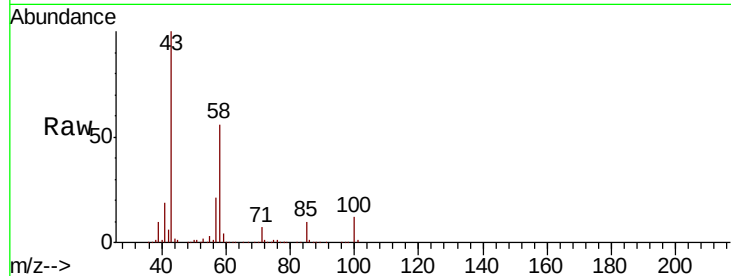




#59
2-Hexanone
Concen: 406.730 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

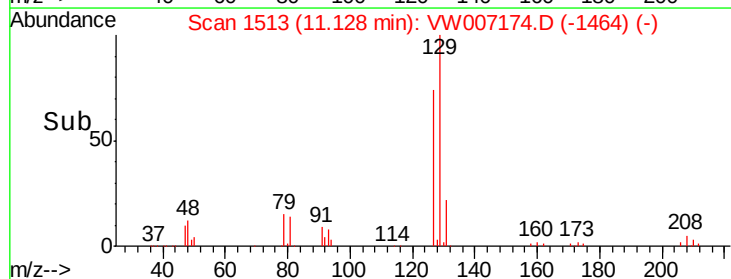
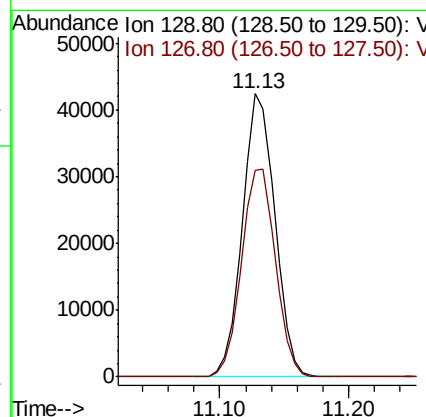
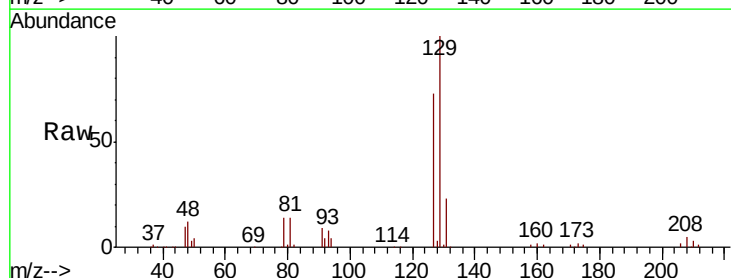
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

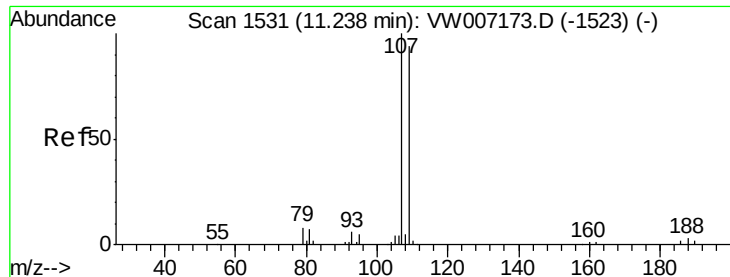
Tgt Ion: 43 Resp: 169267
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.9



#60
Dibromochloromethane
Concen: 75.577 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 129 Resp: 74098
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 73.843 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

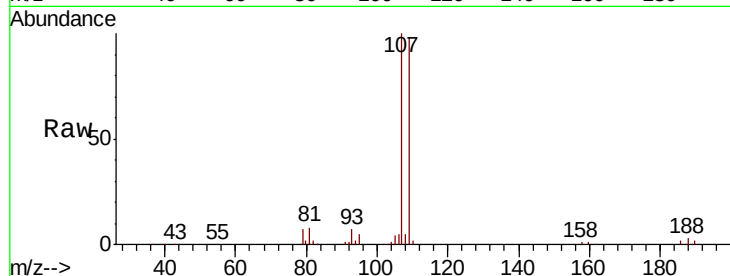
VSTDIC075

Tgt Ion: 107 Resp: 58234

Ion Ratio Lower Upper

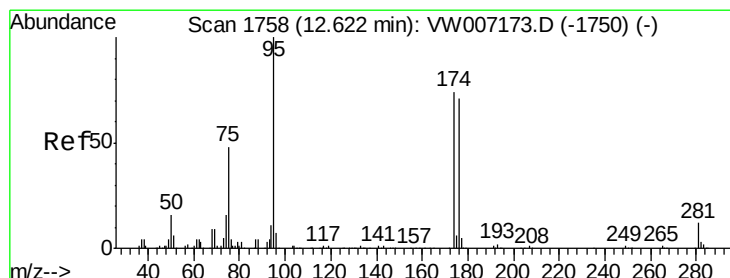
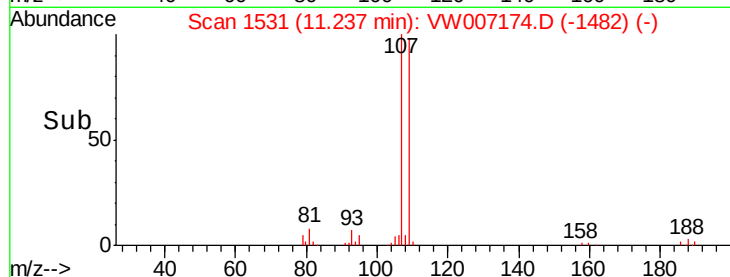
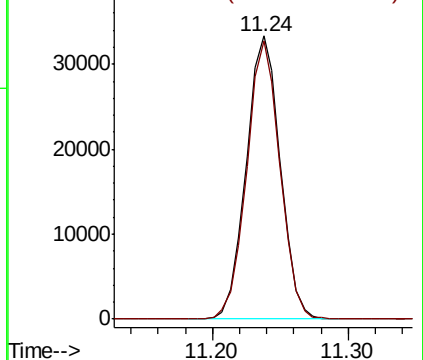
107 100

109 96.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 73.459 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

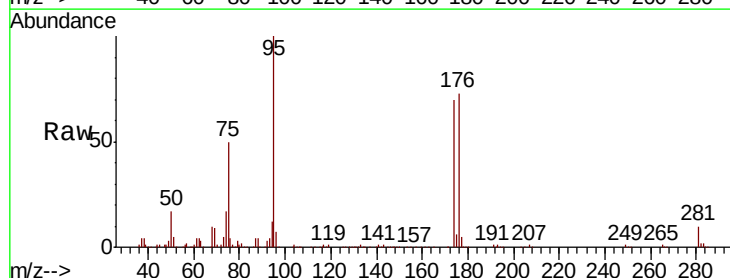
Tgt Ion: 95 Resp: 127906

Ion Ratio Lower Upper

95 100

174 73.6 0.0 148.4

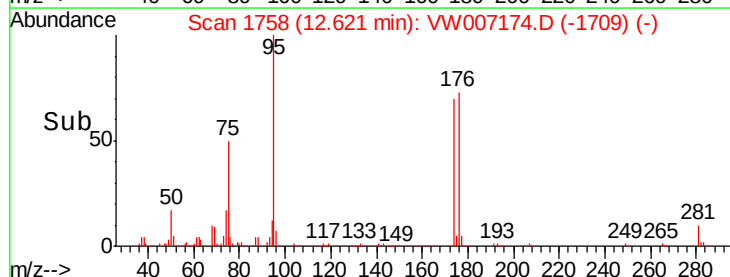
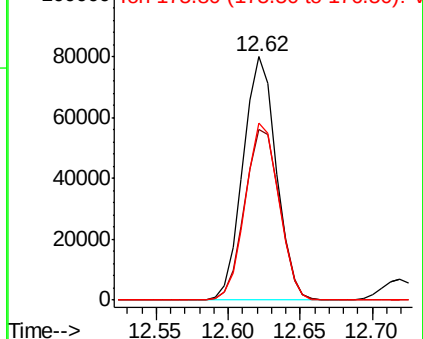
176 73.0 0.0 141.8

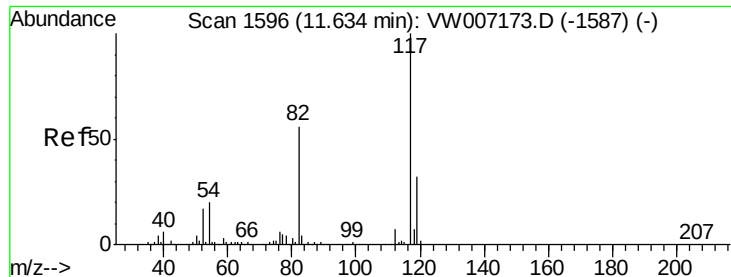


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

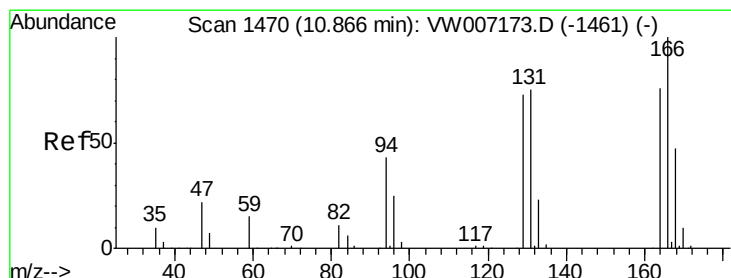
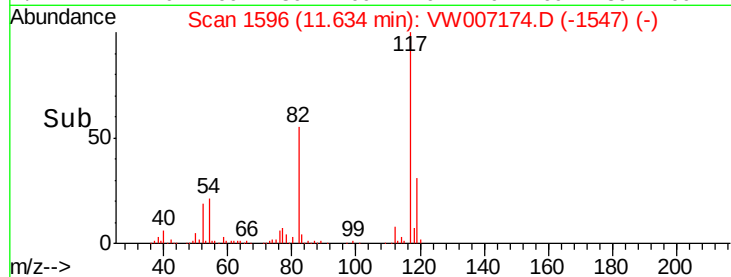
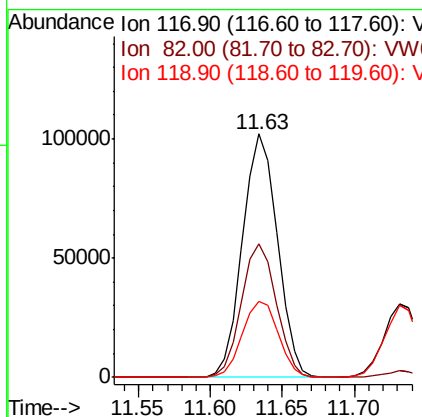
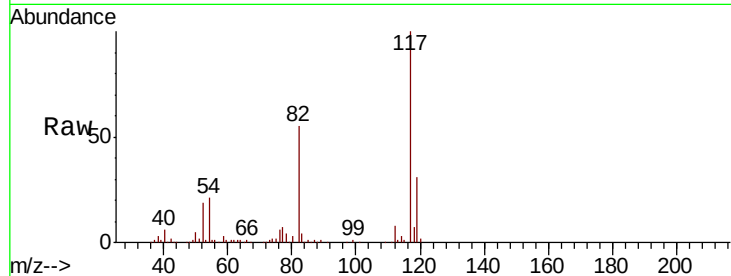




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

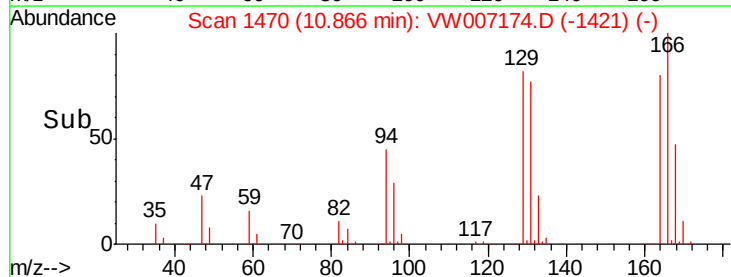
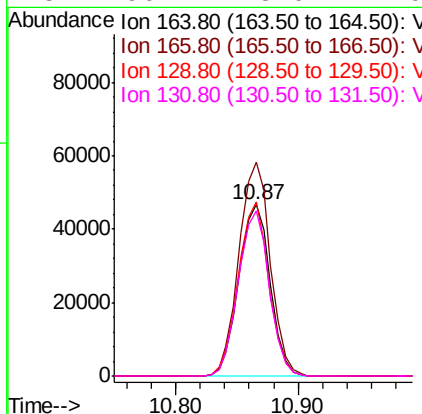
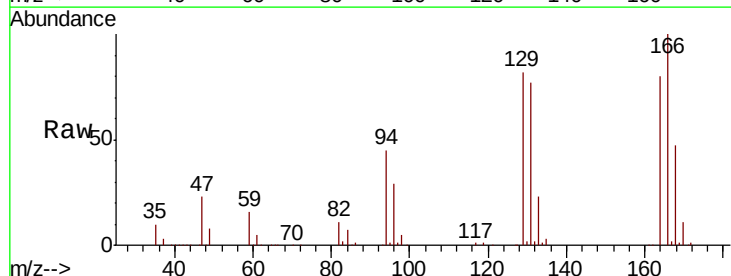
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

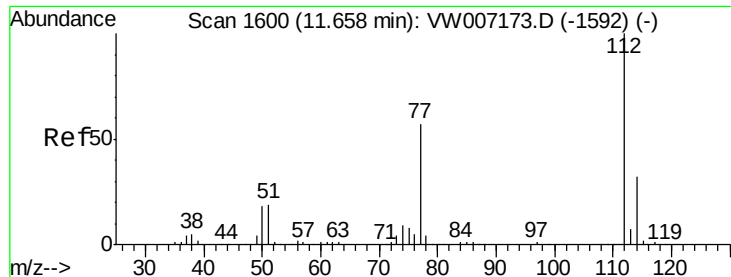
Tgt Ion:117 Resp: 172063
Ion Ratio Lower Upper
117 100
82 54.6 44.5 66.7
119 31.1 25.8 38.6



#64
Tetrachloroethene
Concen: 74.074 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion:164 Resp: 82734
Ion Ratio Lower Upper
164 100
166 124.7 104.6 157.0
129 101.6 76.1 114.1
131 96.4 78.0 117.0

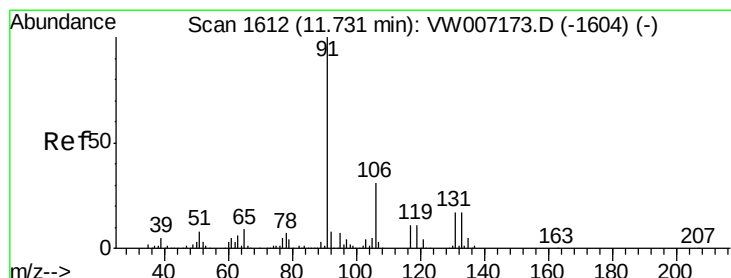
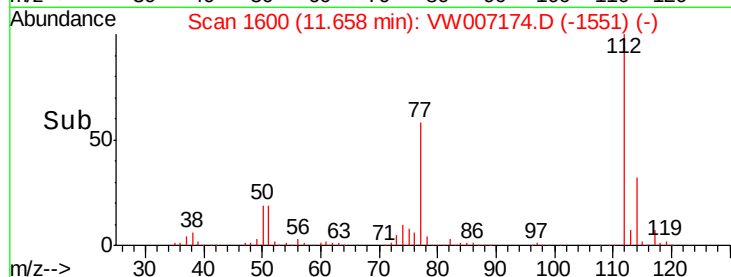
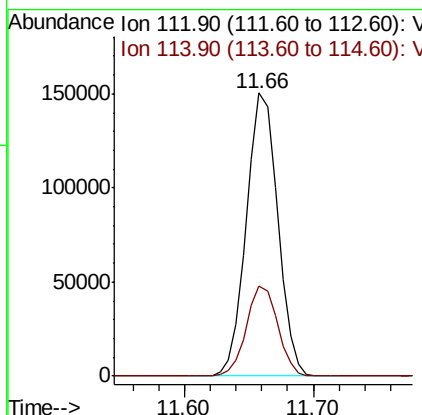
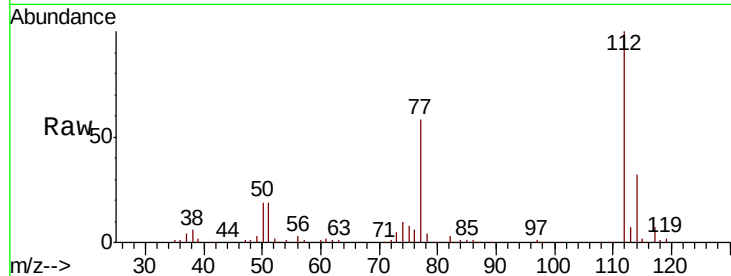




#65
Chlorobenzene
Concen: 70.788 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

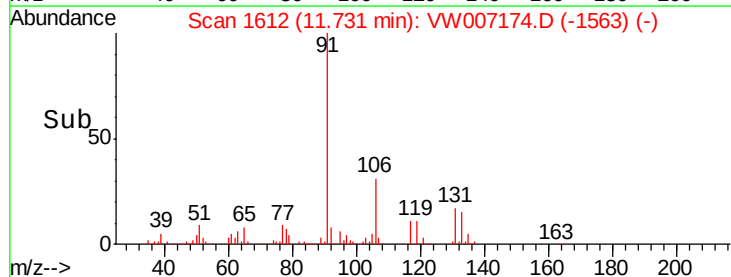
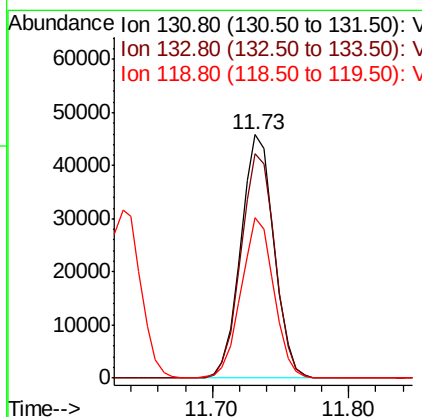
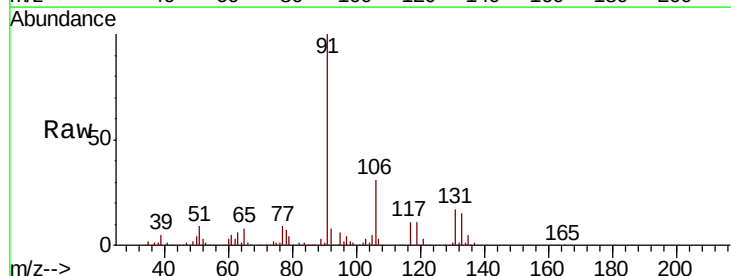
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

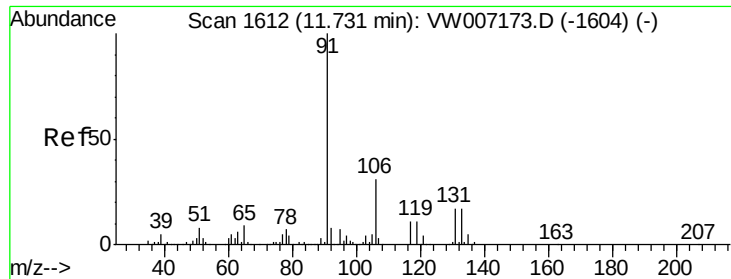
Tgt Ion:112 Resp: 253310
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 71.496 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion:131 Resp: 78423
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 64.7 31.7 95.1

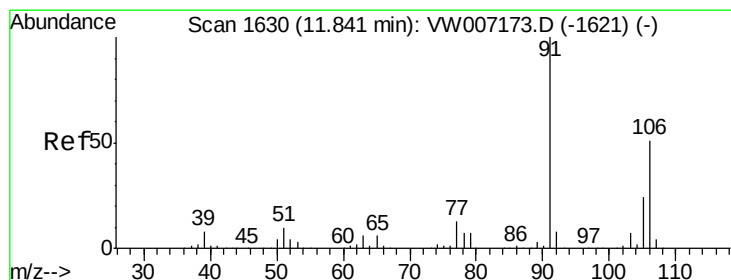
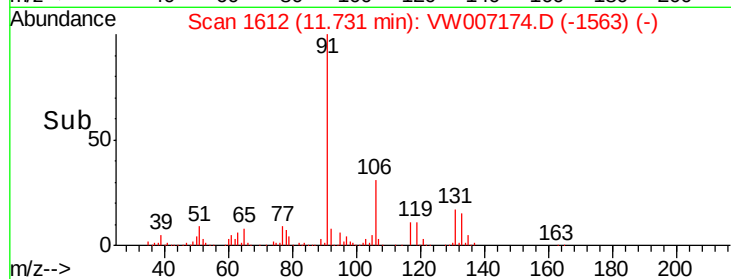
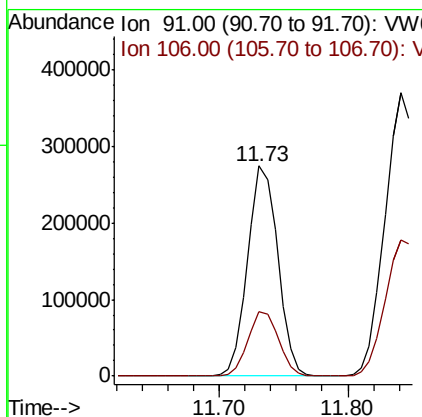
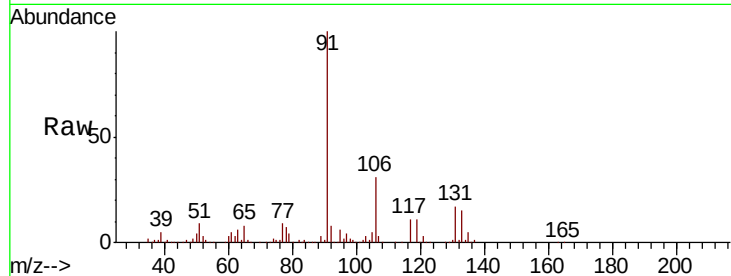




#67
Ethyl Benzene
Concen: 67.634 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

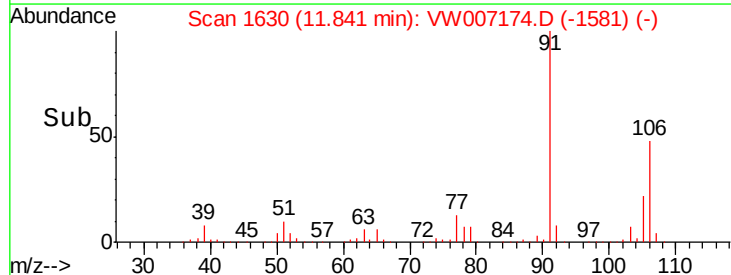
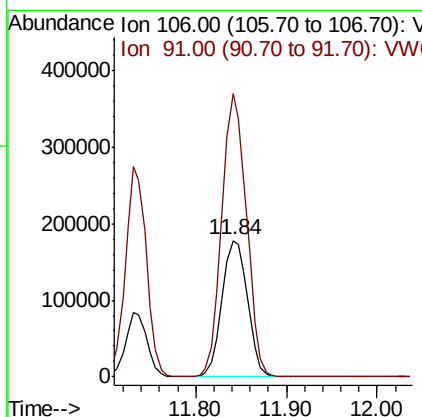
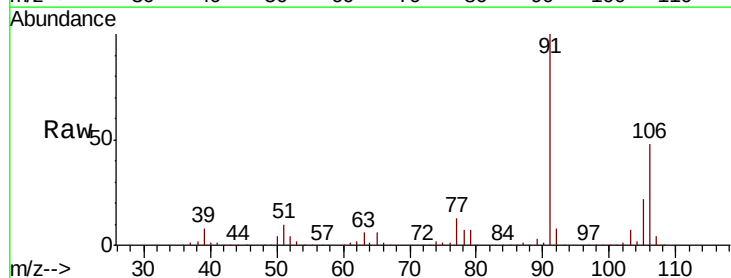
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

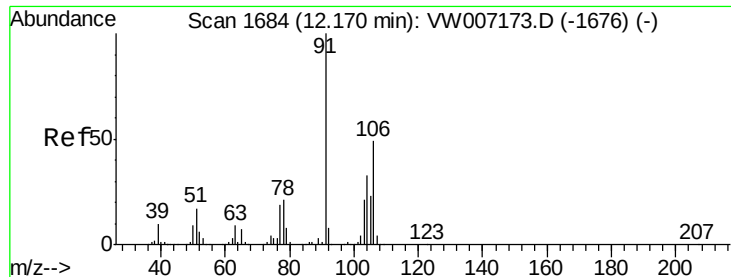
Tgt Ion: 91 Resp: 443780
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6



#68
m/p-Xylenes
Concen: 135.718 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 106 Resp: 349629
Ion Ratio Lower Upper
106 100
91 200.2 161.4 242.2

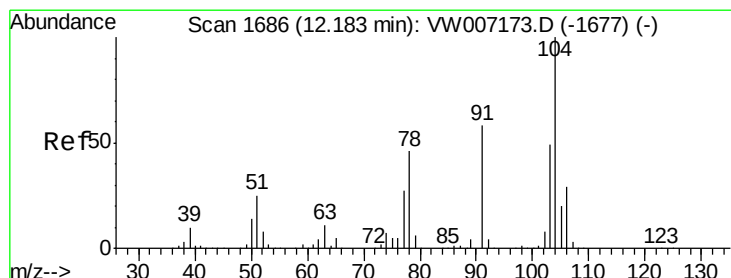
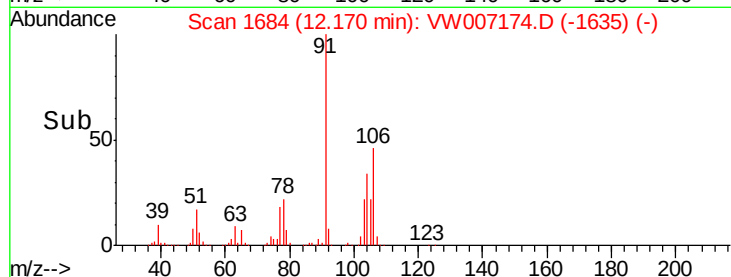
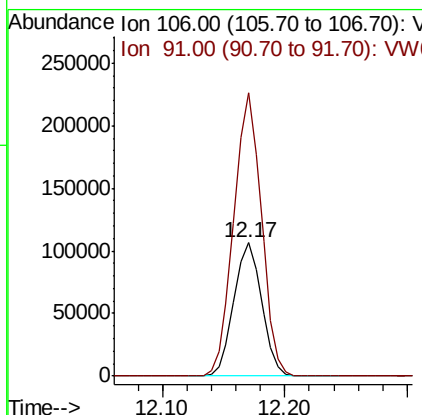
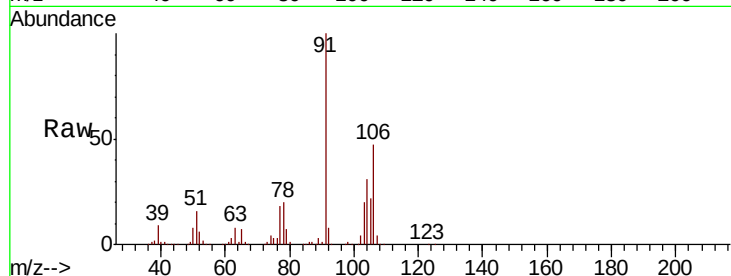




#69
o-Xylene
Concen: 69.189 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

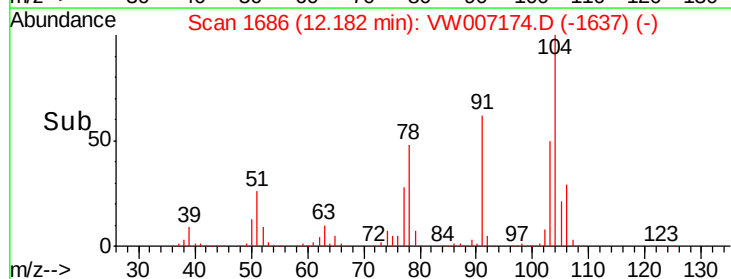
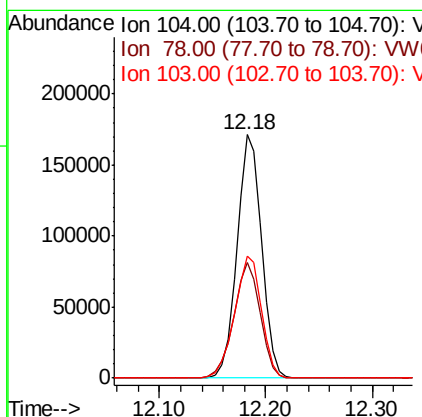
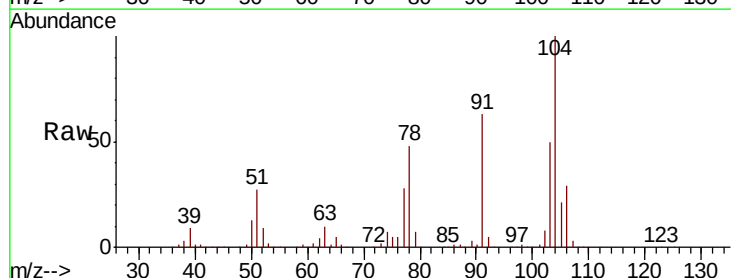
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

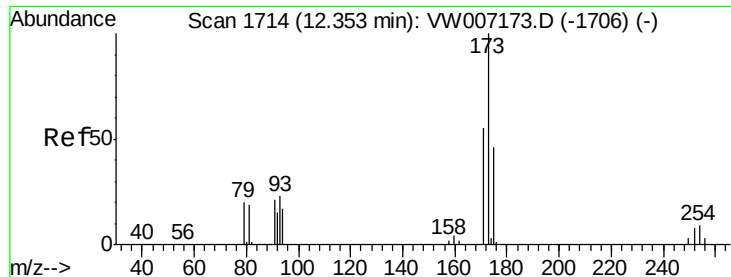
Tgt Ion:106 Resp: 167962
Ion Ratio Lower Upper
106 100
91 210.8 104.6 313.8



#70
Styrene
Concen: 71.618 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion:104 Resp: 277612
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 54.8 43.7 65.5





#71

Bromoform

Concen: 79.860 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

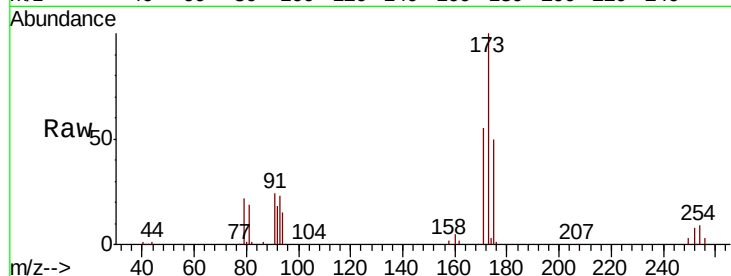
Tgt Ion:173 Resp: 41660

Ion Ratio Lower Upper

173 100

175 49.5 23.5 70.5

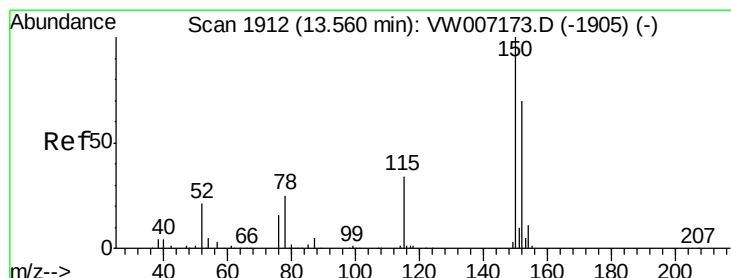
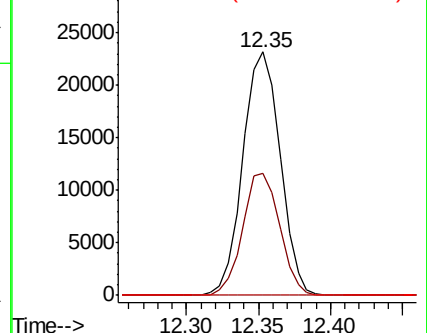
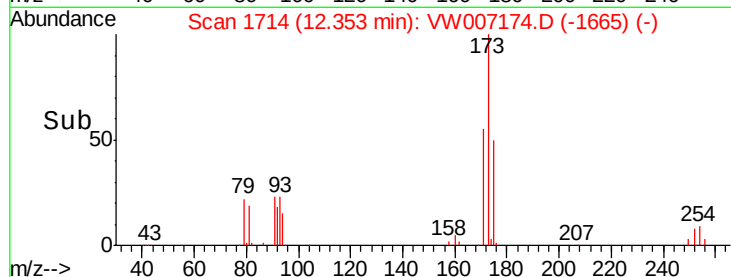
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

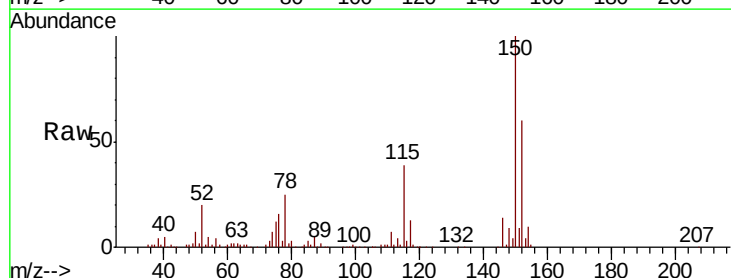
Tgt Ion:152 Resp: 84235

Ion Ratio Lower Upper

152 100

115 63.8 29.6 88.9

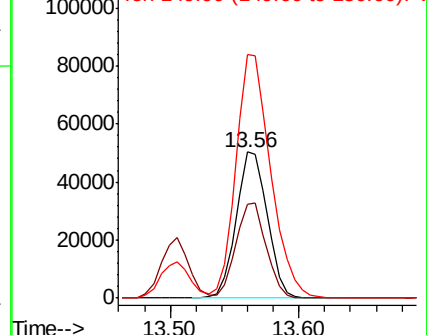
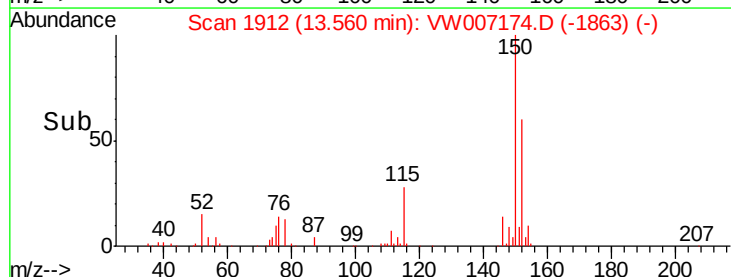
150 186.0 0.0 341.6

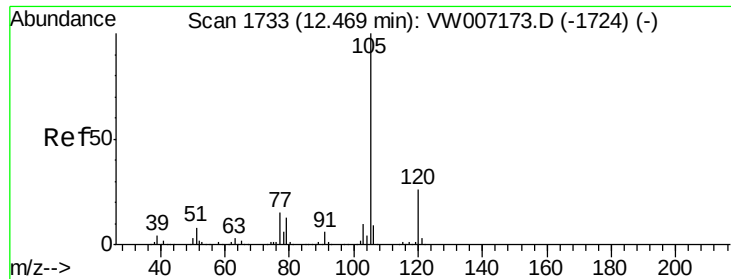


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

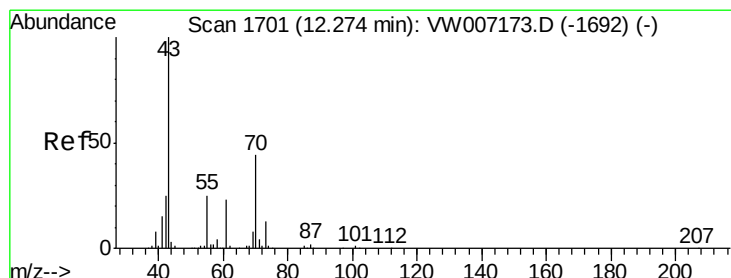
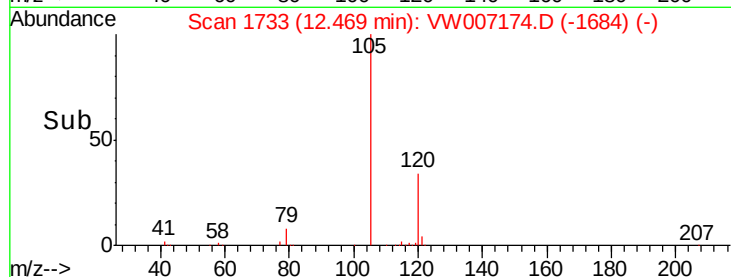
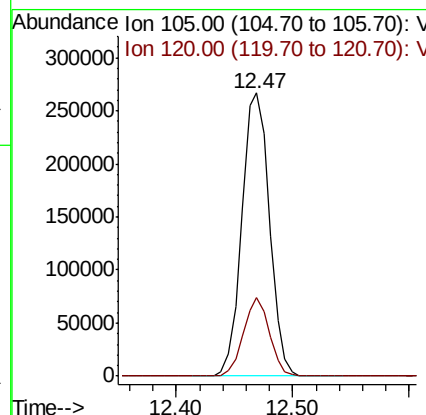
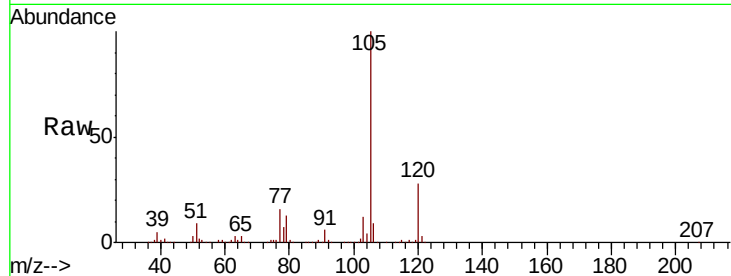




#73
Isopropylbenzene
Concen: 68.139 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

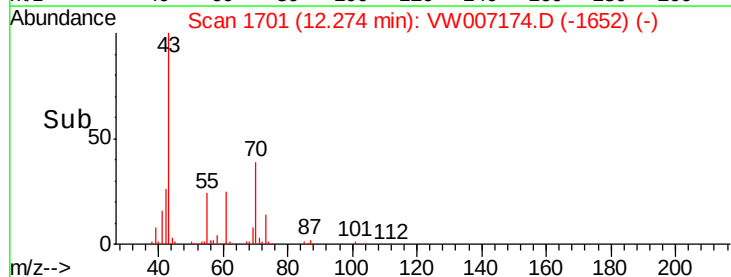
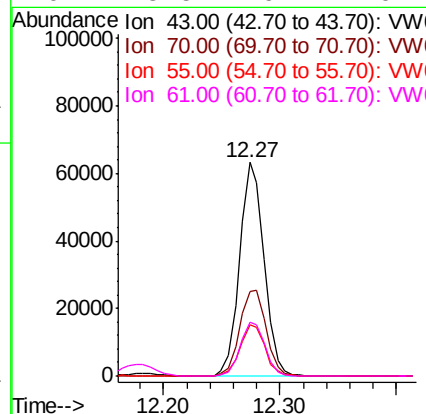
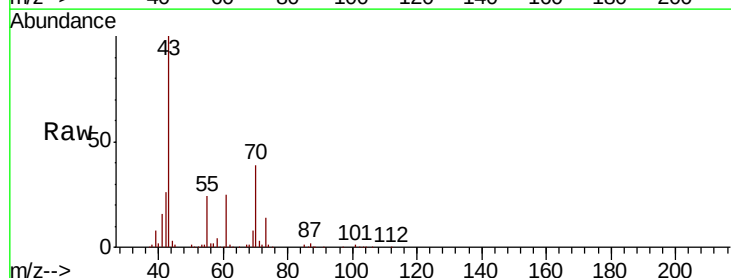
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

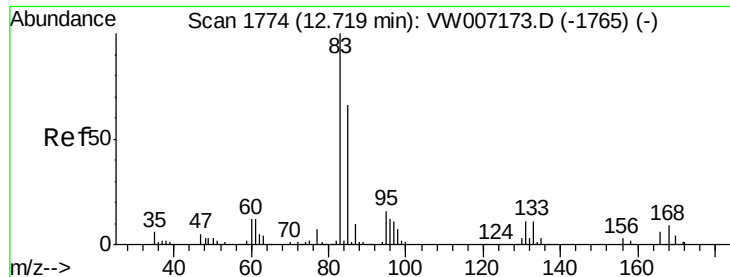
Tgt Ion: 105 Resp: 440831
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 83.705 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion: 43 Resp: 92444
Ion Ratio Lower Upper
43 100
70 43.4 35.1 52.7
55 24.5 19.4 29.2
61 25.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 77.665 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

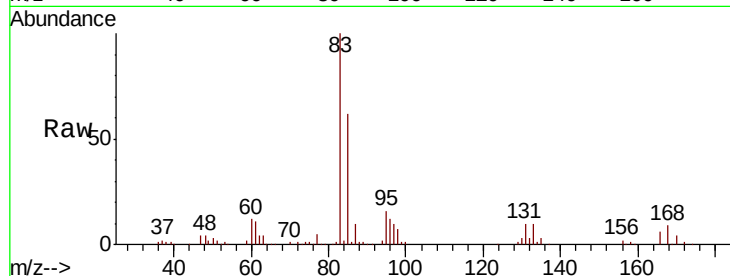
Tgt Ion: 83 Resp: 67781

Ion Ratio Lower Upper

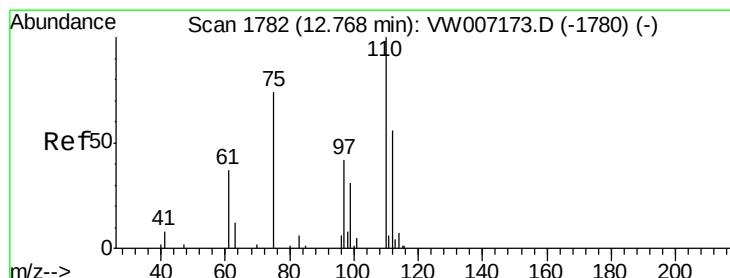
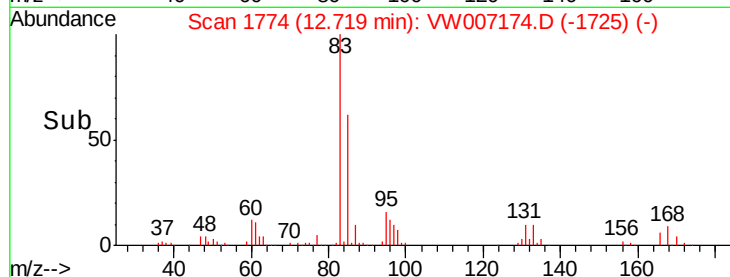
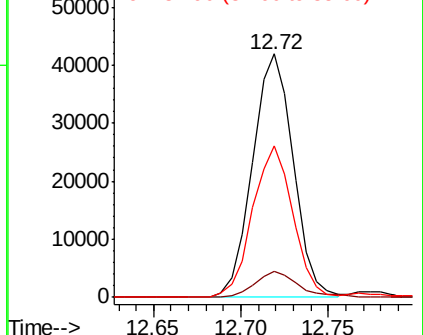
83 100

131 11.2 6.2 18.6

85 61.6 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 135.182 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW007174.D

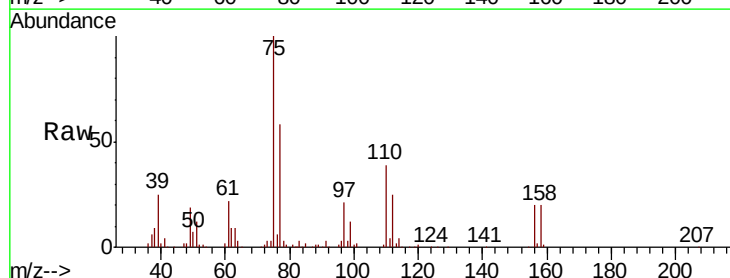
Acq: 04 Dec 2018 01:44

Tgt Ion: 75 Resp: 92310

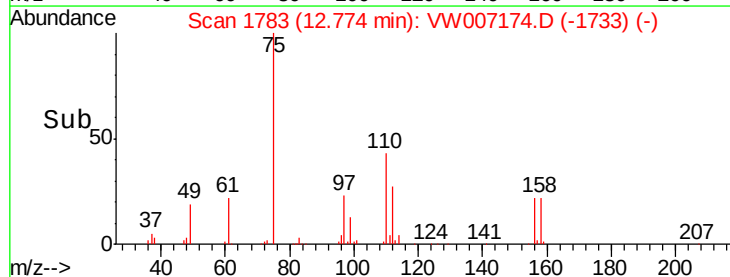
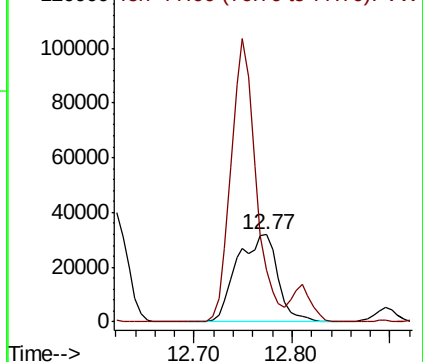
Ion Ratio Lower Upper

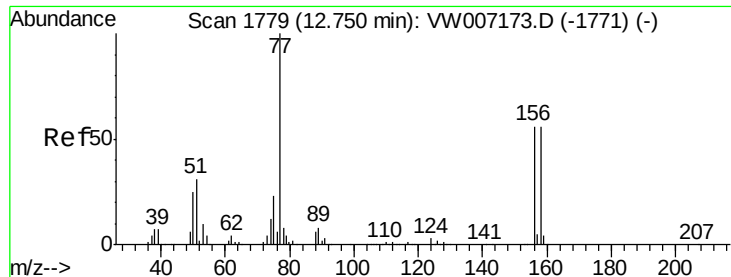
75 100

77 0.0 186.5 559.5#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 72.233 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

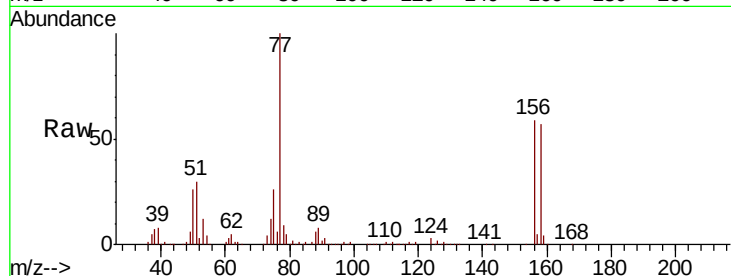
Tgt Ion:156 Resp: 100629

Ion Ratio Lower Upper

156 100

77 183.5 95.0 285.2

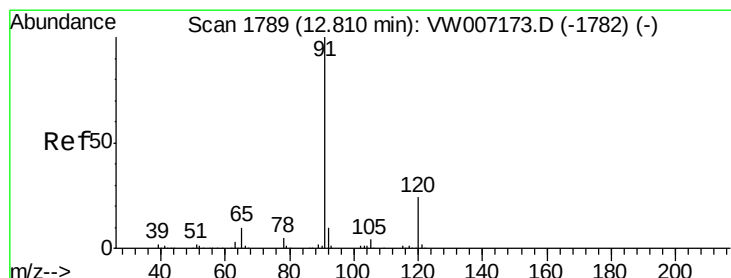
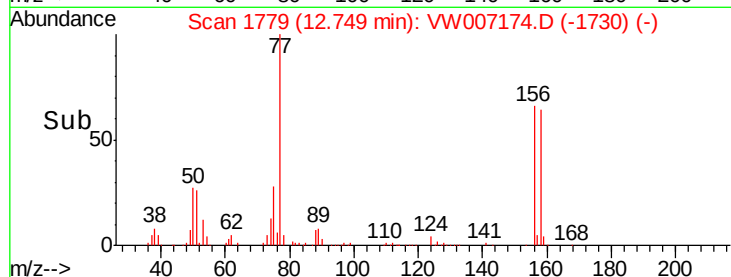
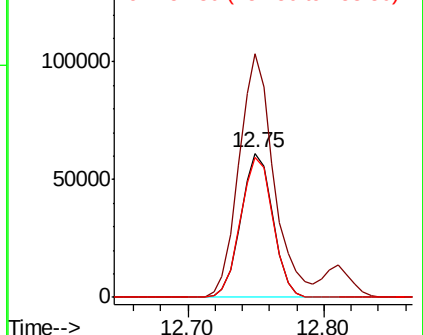
158 98.4 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 68.000 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007174.D

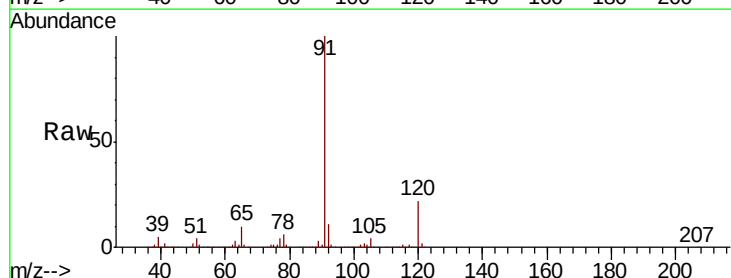
Acq: 04 Dec 2018 01:44

Tgt Ion: 91 Resp: 531607

Ion Ratio Lower Upper

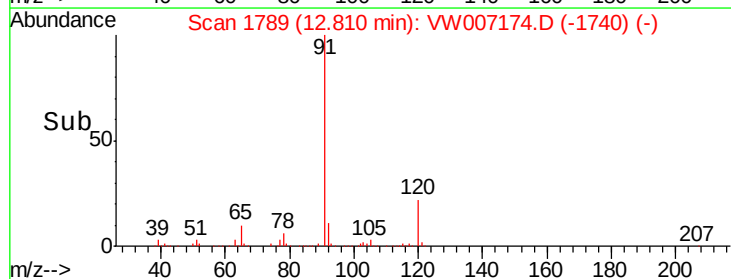
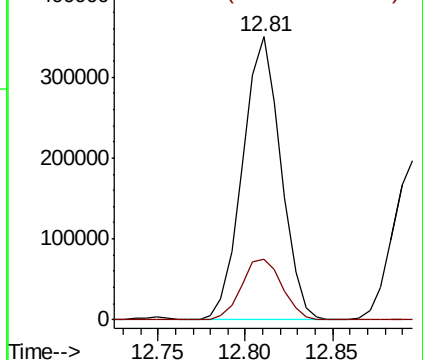
91 100

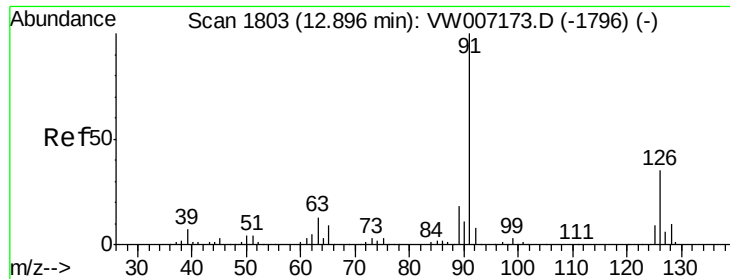
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

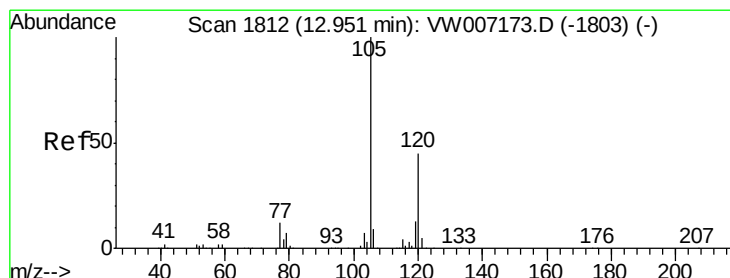
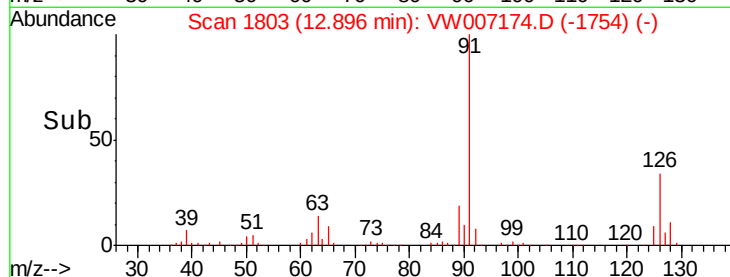
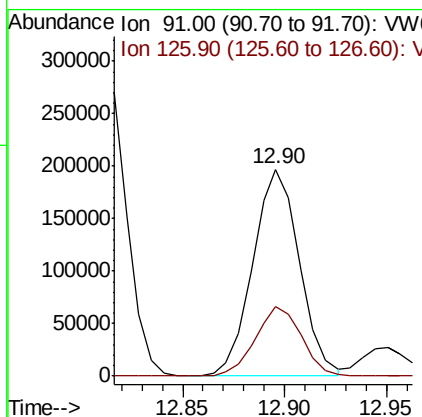
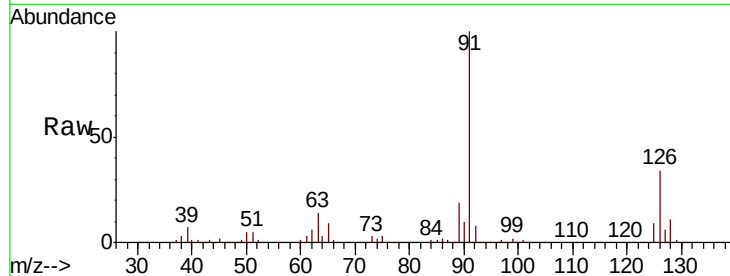




#79
 2-Chlorotoluene
 Concen: 69.086 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

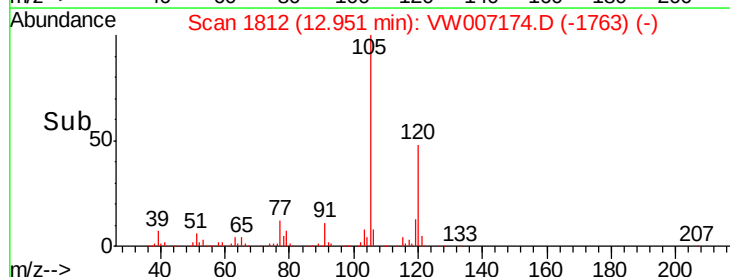
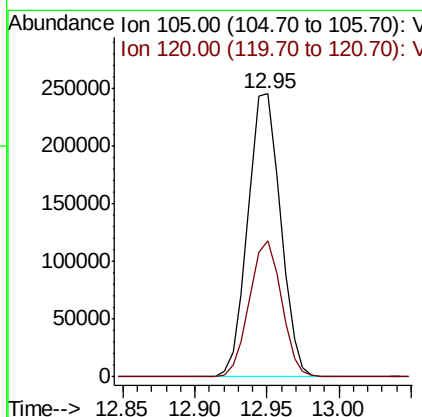
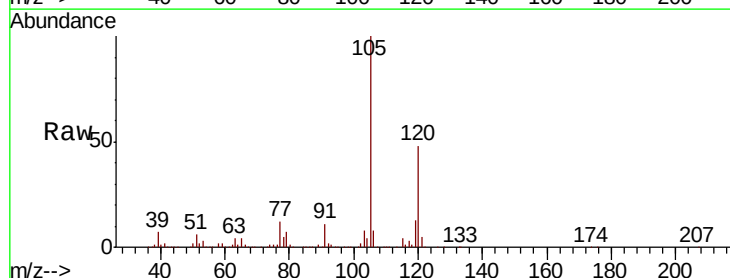
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

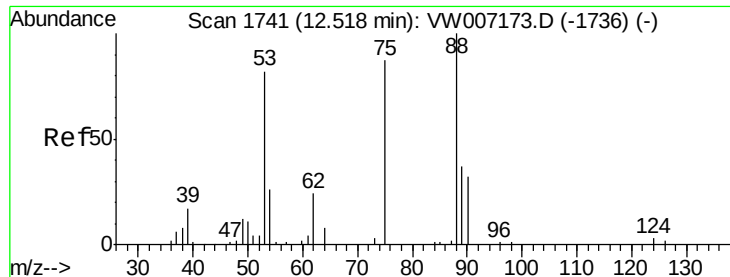
Tgt Ion: 91 Resp: 311984
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 68.852 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 105 Resp: 385159
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 78.761 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

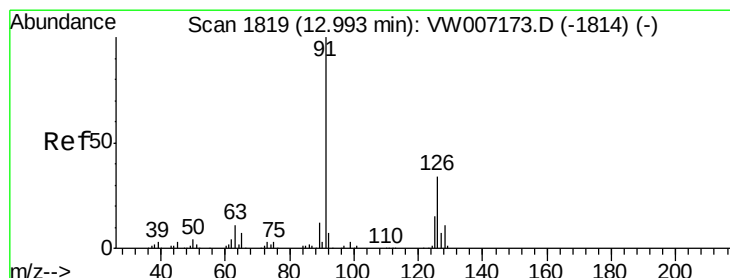
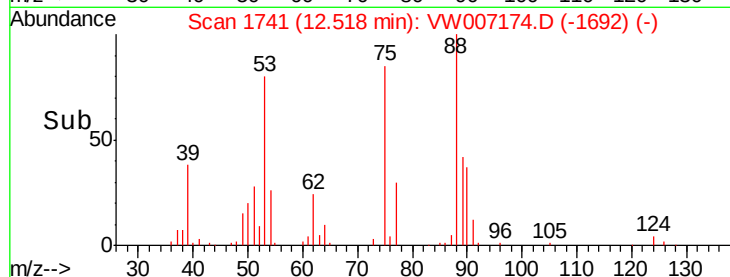
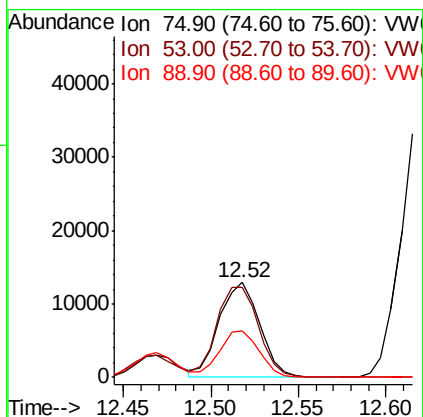
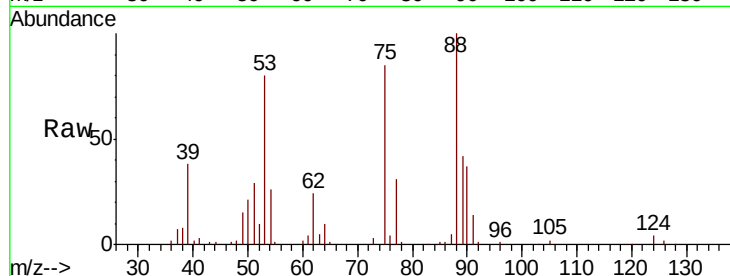
Tgt Ion: 75 Resp: 20950

Ion Ratio Lower Upper

75 100

53 97.4 73.5 110.3

89 47.7 36.4 54.6



#82

4-Chlorotoluene

Concen: 69.575 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007174.D

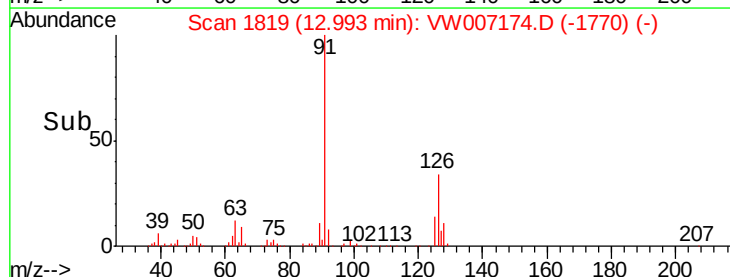
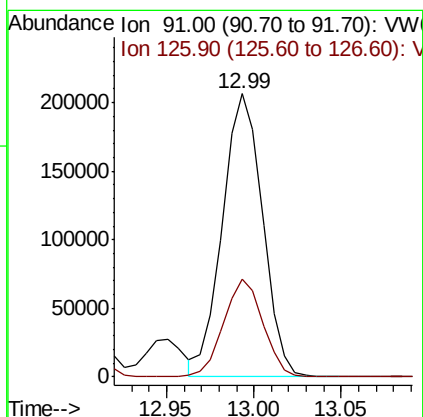
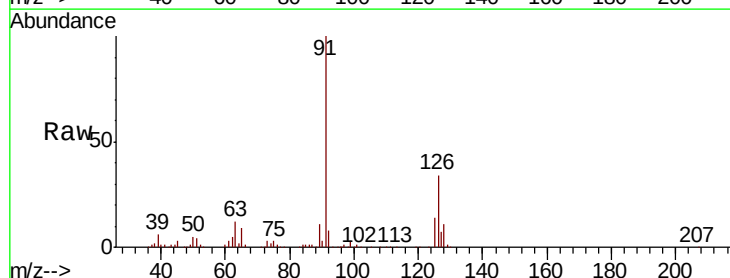
Acq: 04 Dec 2018 01:44

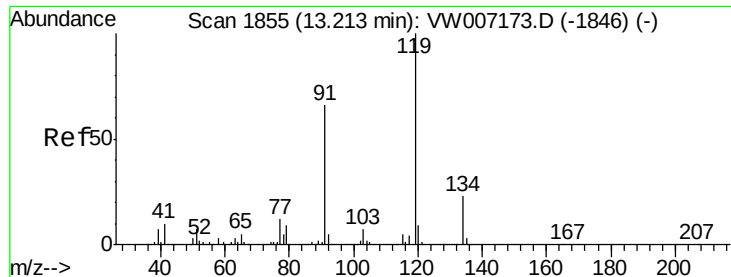
Tgt Ion: 91 Resp: 329308

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.7

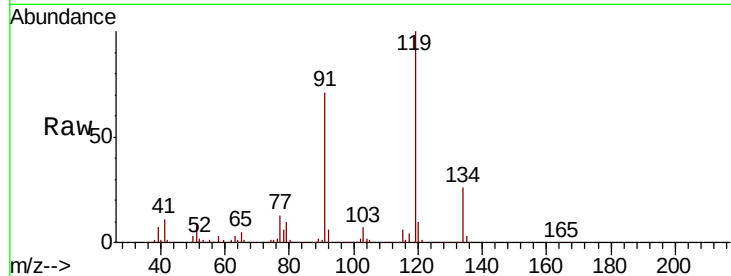




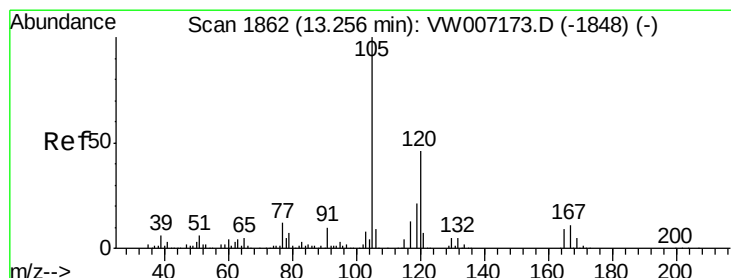
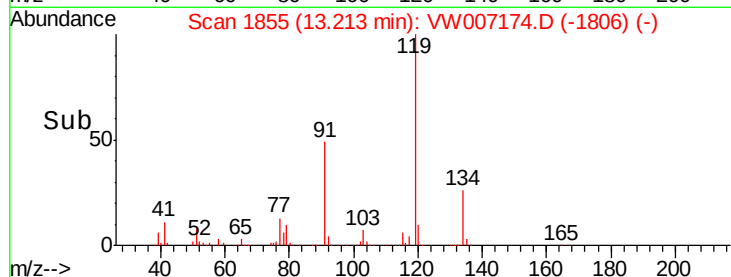
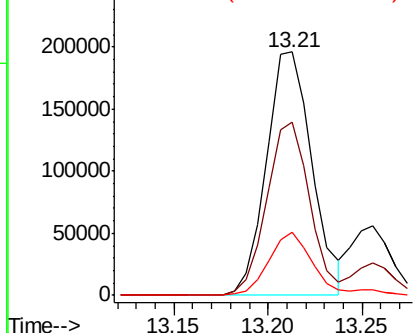
#83
 tert-Butylbenzene
 Concen: 68.146 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:119 Resp: 330583
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.3 99.8
 134 25.7 12.3 36.9

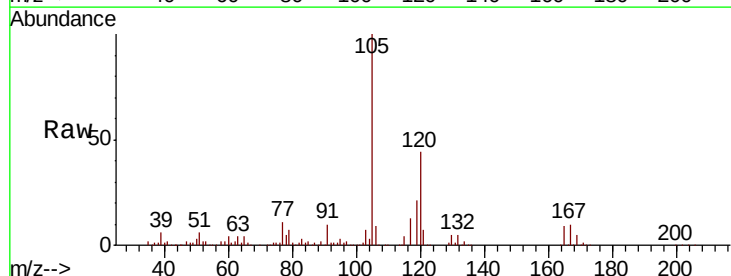


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

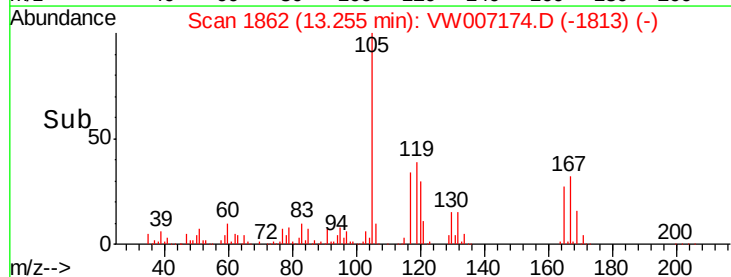
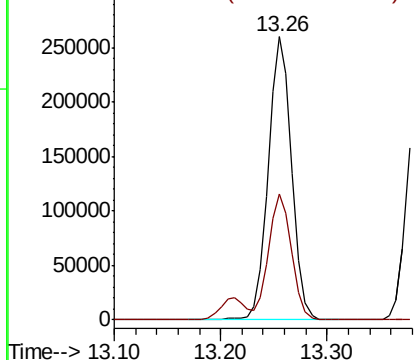


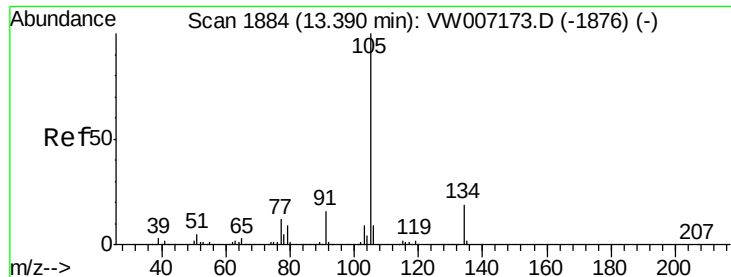
#84
 1,2,4-Trimethylbenzene
 Concen: 71.336 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion:105 Resp: 398076
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

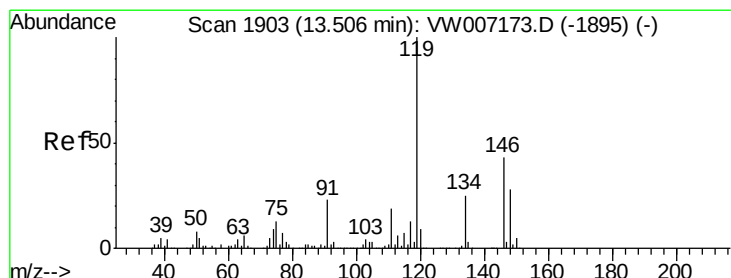
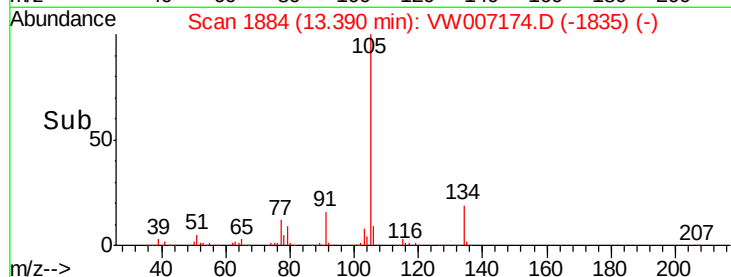
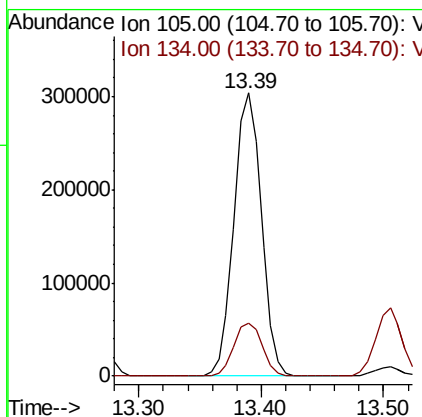
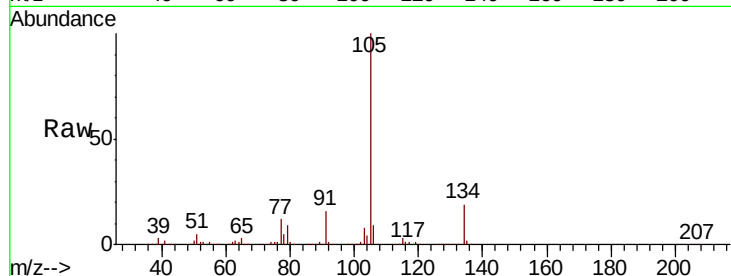




#85
 sec-Butylbenzene
 Concen: 69.011 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

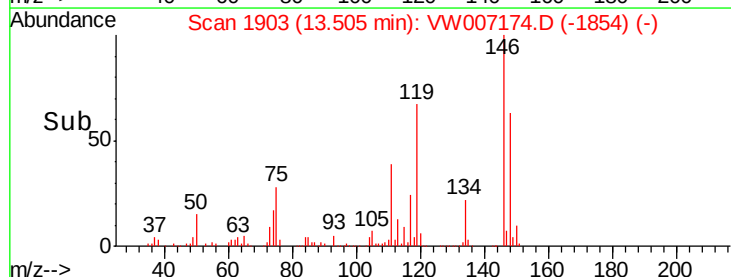
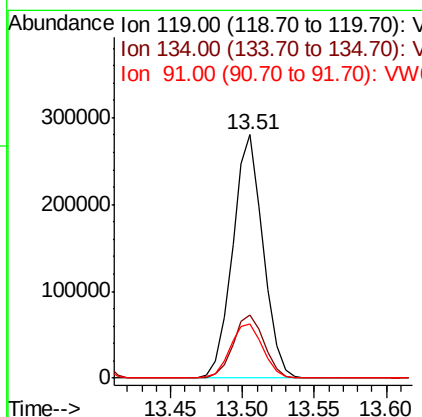
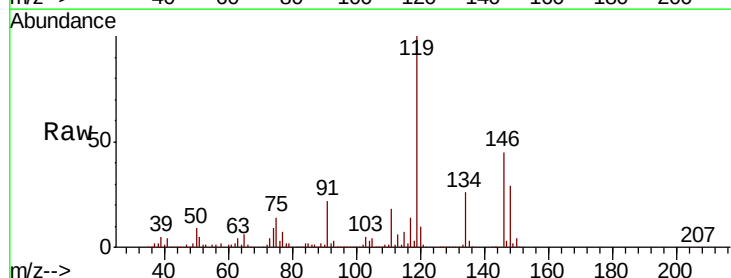
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

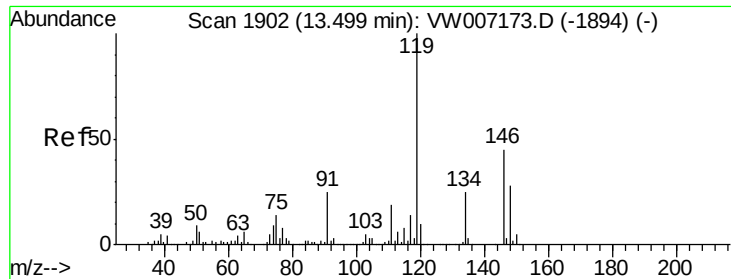
Tgt Ion:105 Resp: 471443
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 68.105 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion:119 Resp: 410960
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.7 38.0
 91 23.7 11.9 35.7

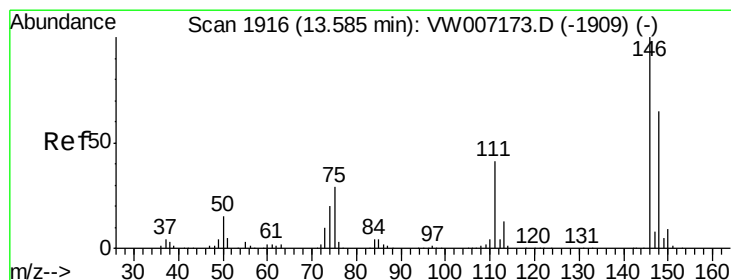
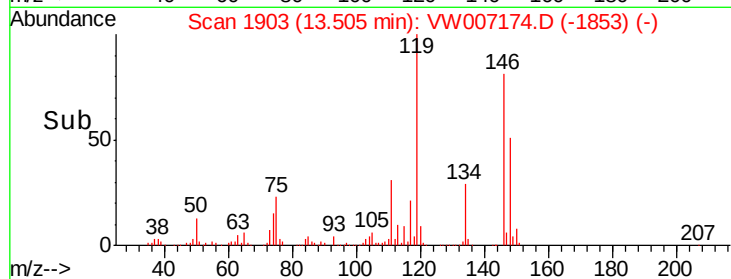
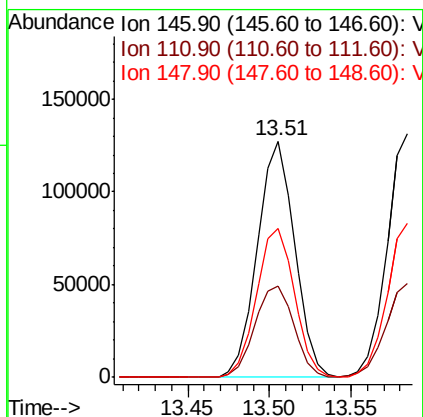
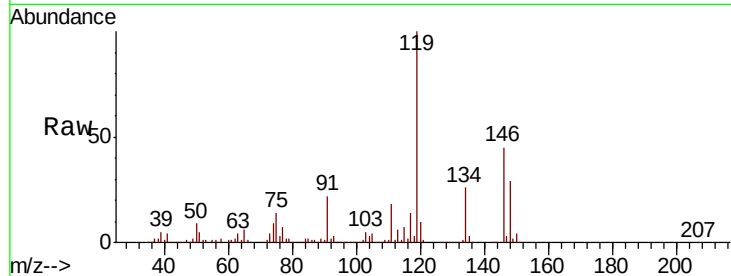




#87
 1,3-Dichlorobenzene
 Concen: 71.691 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

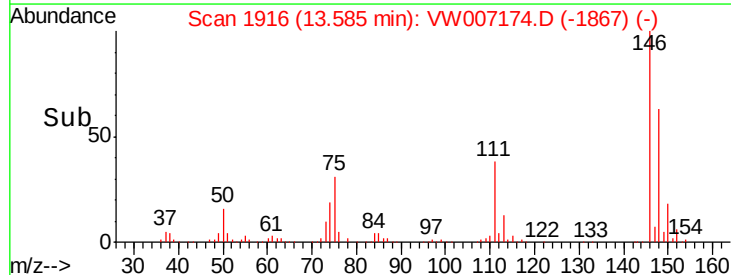
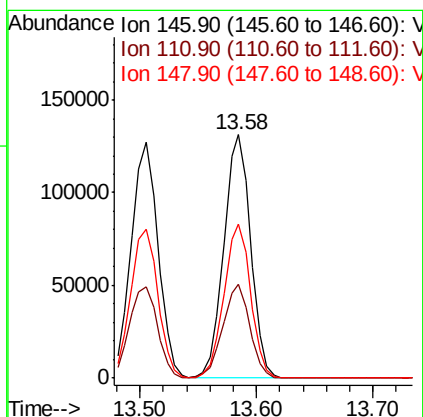
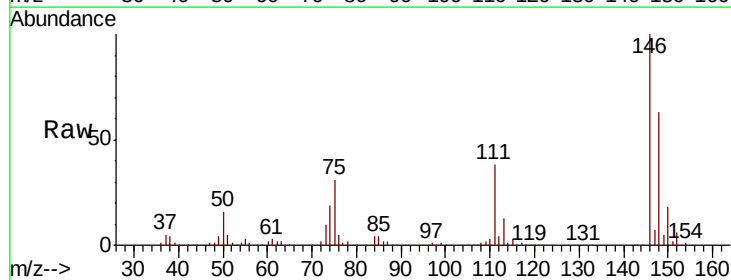
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

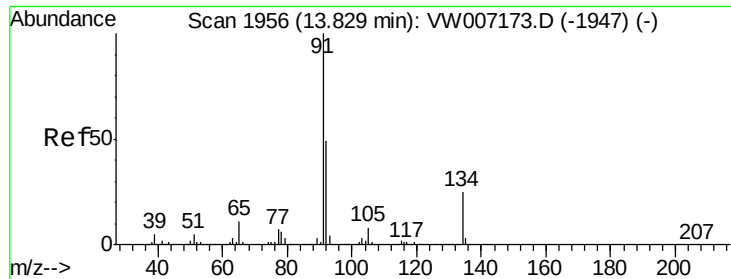
Tgt Ion:146 Resp: 203387
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.4 64.3
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 73.490 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion:146 Resp: 209006
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.6 61.9
 148 63.2 31.9 95.5





#89

n-Butylbenzene

Concen: 70.372 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007174.D

Acq: 04 Dec 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

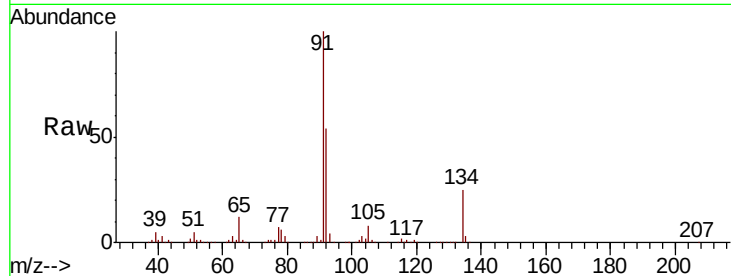
Tgt Ion: 91 Resp: 398900

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.4

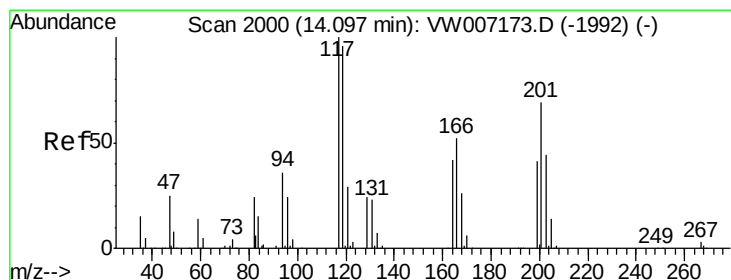
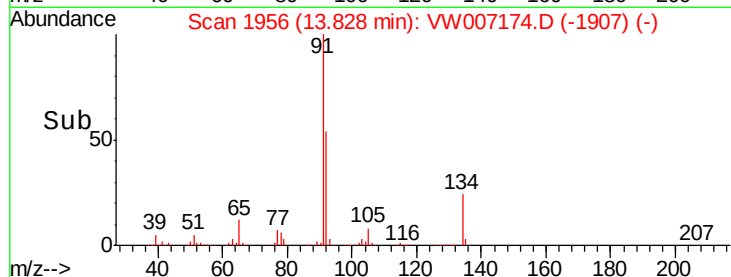
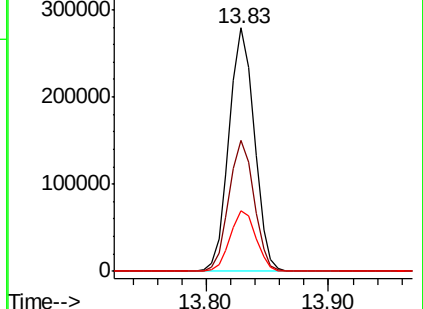
134 25.7 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 72.836 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007174.D

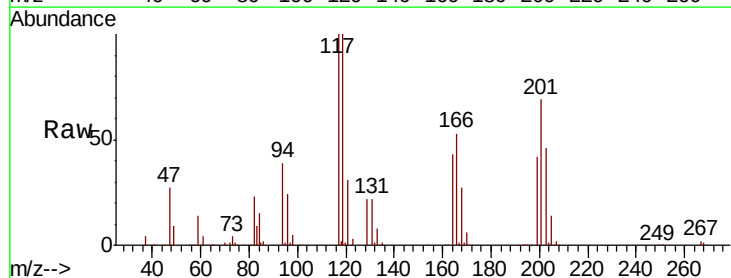
Acq: 04 Dec 2018 01:44

Tgt Ion: 117 Resp: 64971

Ion Ratio Lower Upper

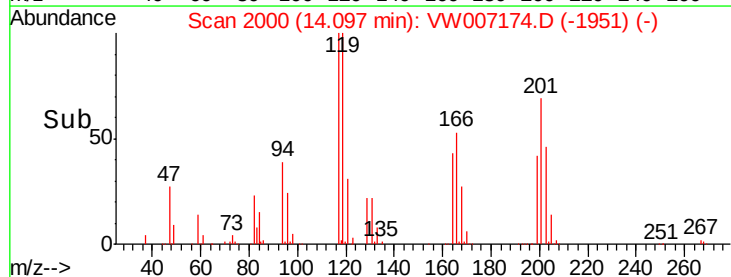
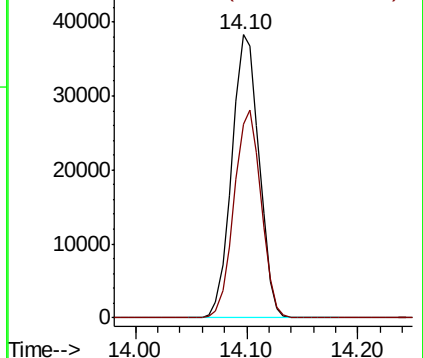
117 100

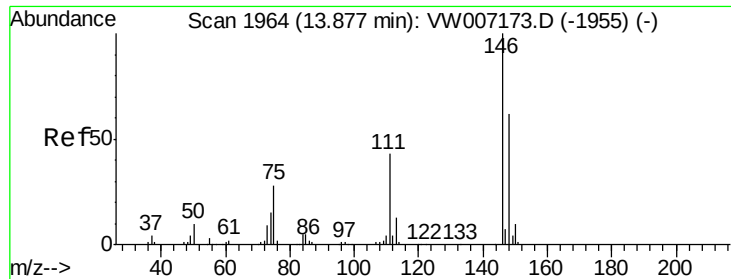
201 72.7 36.5 109.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

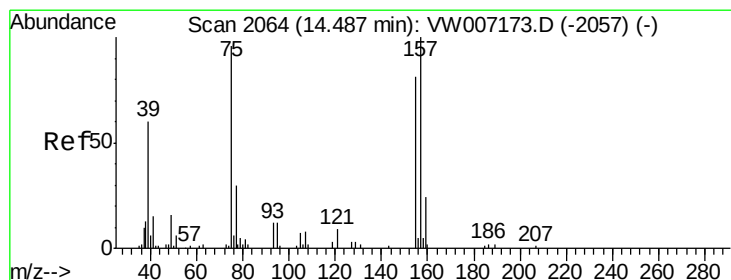
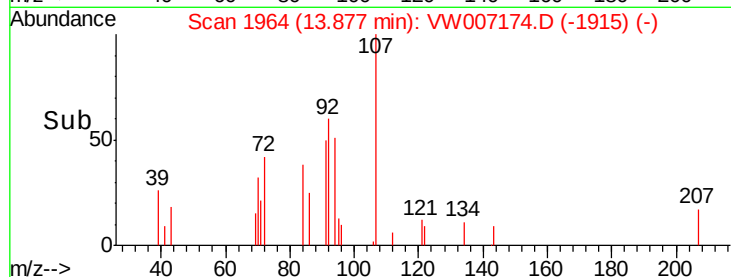
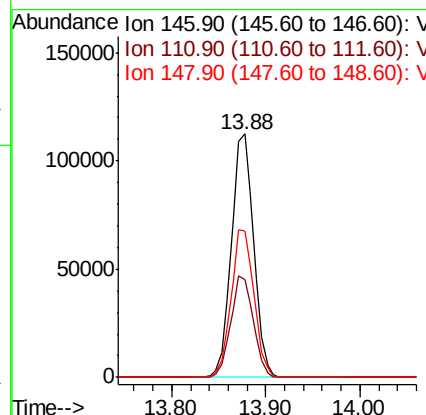
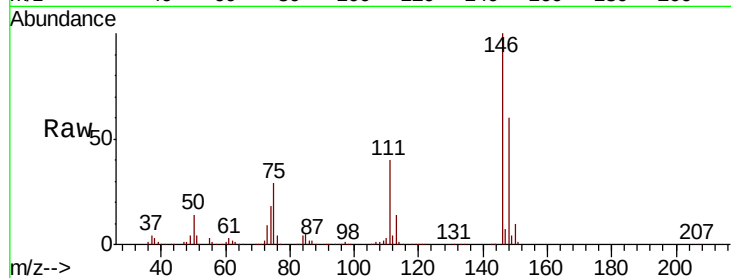




#91
 1,2-Dichlorobenzene
 Concen: 73.888 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

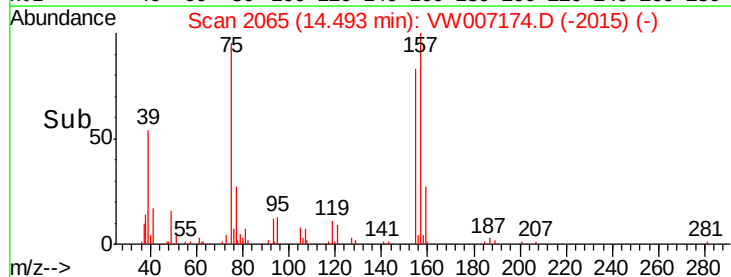
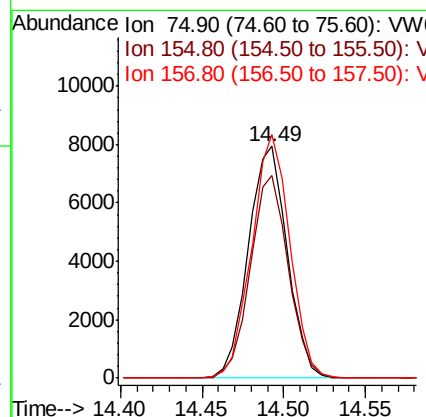
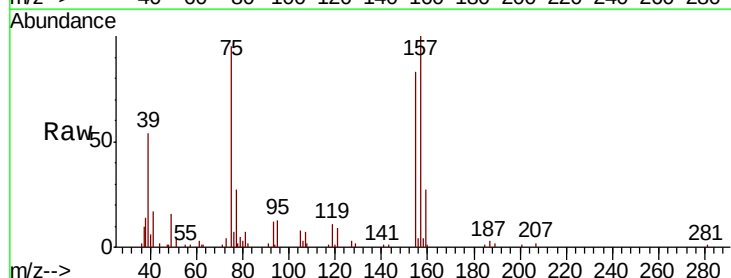
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

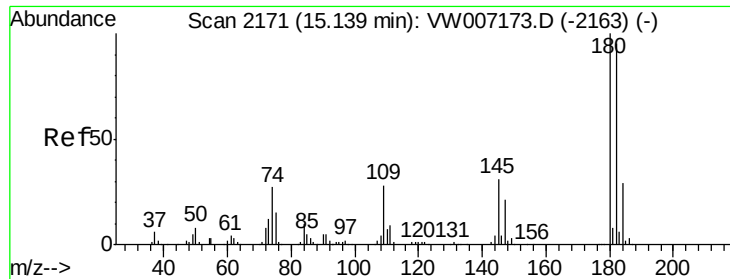
Tgt Ion: 146 Resp: 184342
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.9 65.7
 148 61.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 88.024 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion: 75 Resp: 13205
 Ion Ratio Lower Upper
 75 100
 155 85.3 42.6 127.8
 157 102.9 53.6 160.8

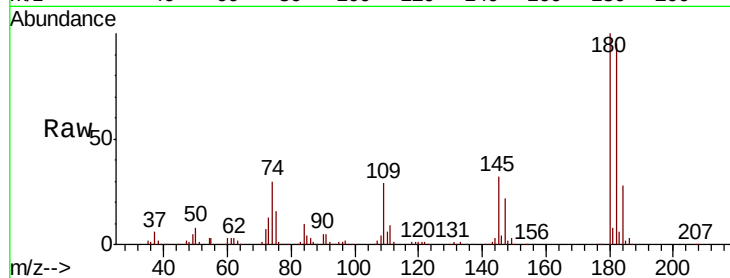




#93
 1,2,4-Trichlorobenzene
 Concen: 77.111 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.1	141.4
145	32.2	16.1	48.3

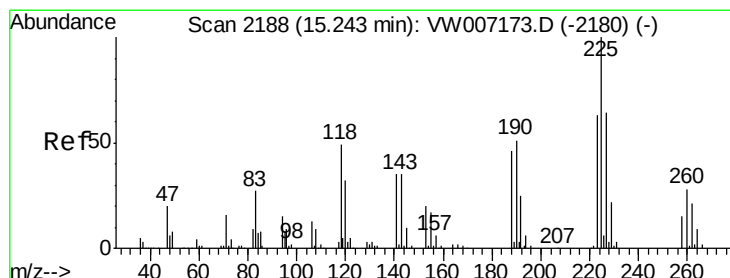
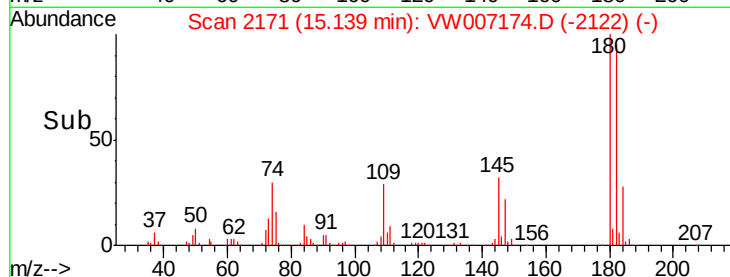
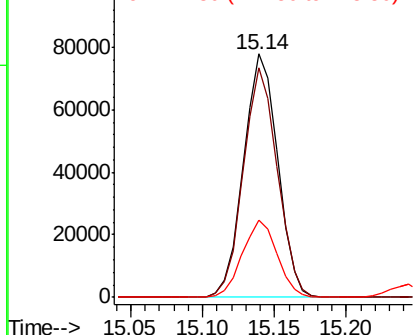


Abundance

Ion 179.80 (179.50 to 180.50): V

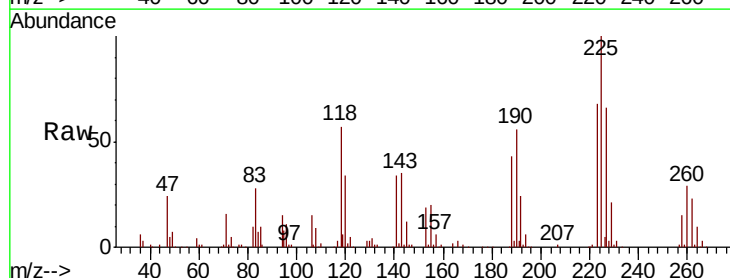
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 69.556 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007174.D
 Acq: 04 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	32.1	96.3
227	64.5	32.3	96.8

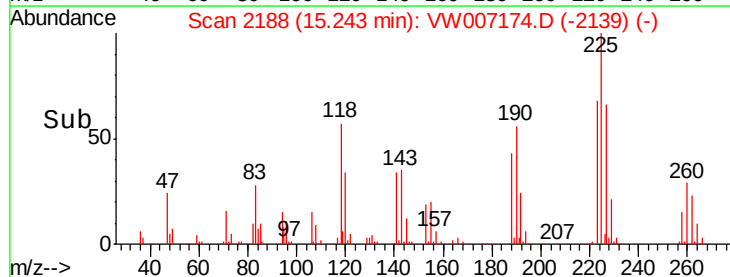
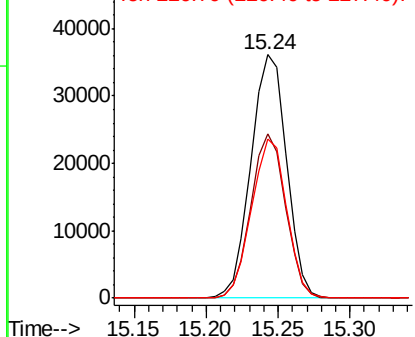


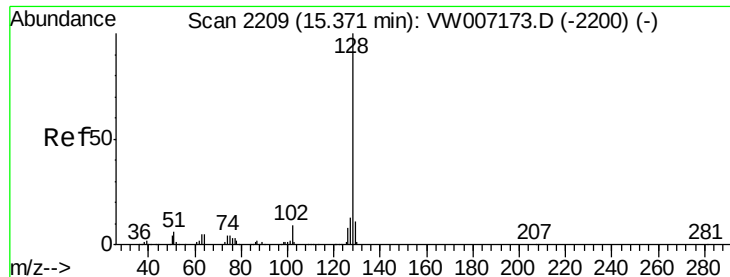
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

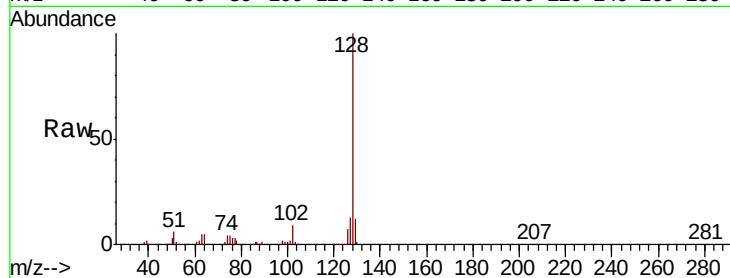




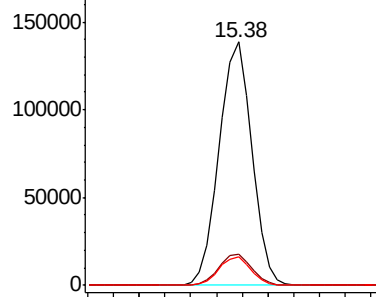
#95
Naphthalene
Concen: 80.753 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

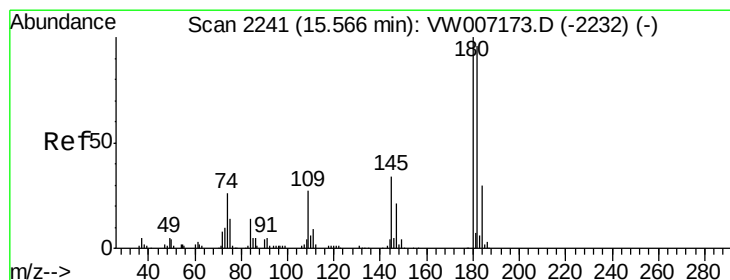
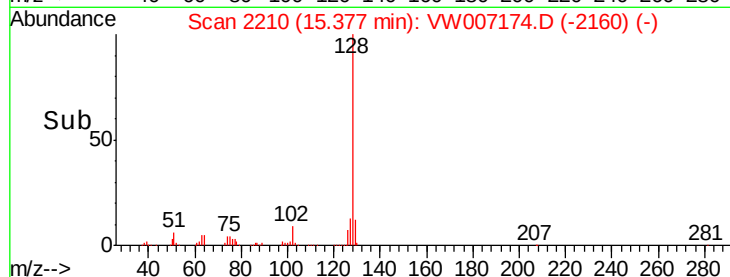
Tgt Ion:128 Resp: 243782
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

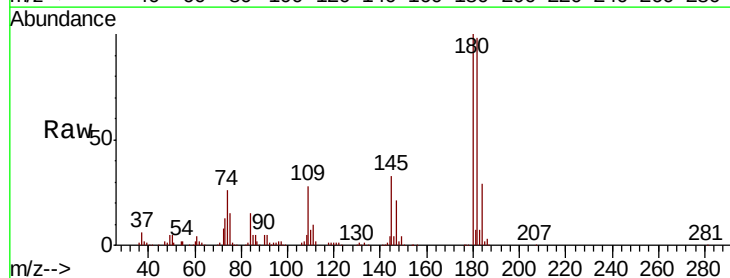


Time-->

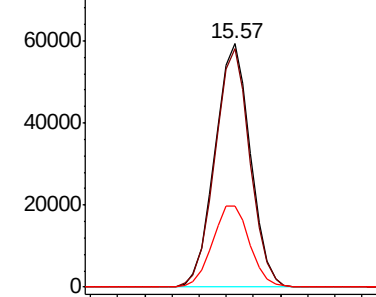


#96
1,2,3-Trichlorobenzene
Concen: 78.831 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007174.D
Acq: 04 Dec 2018 01:44

Tgt Ion:180 Resp: 108333
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.8
145 34.7 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

