

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007376.D
 Acq On : 11 Dec 2018 01:23
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 11 02:04:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	140531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131935	165.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	330.22%	
35) Dibromofluoromethane	7.88	113	124776	152.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.14%	
50) Toluene-d8	10.32	98	464651	132.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	265.22%	
62) 4-Bromofluorobenzene	12.62	95	164325	125.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	250.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	81747	96.290	ug/l	98
3) Chloromethane	2.22	50	70606	68.074	ug/l	99
4) Vinyl Chloride	2.37	62	80464	117.152	ug/l	99
5) Bromomethane	2.78	94	55403	154.104	ug/l	90
6) Chloroethane	2.92	64	47319	122.210	ug/l	100
7) Trichlorofluoromethane	3.26	101	83204	66.419	ug/l	100
8) Diethyl Ether	3.68	74	49842	126.616	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120051	142.336	ug/l	98
10) Methyl Iodide	4.26	142	206897	248.101	ug/l	99
11) Tert butyl alcohol	5.17	59	43529	494.261	ug/l	99
12) 1,1-Dichloroethene	4.03	96	118081	148.461	ug/l	99
13) Acrolein	3.89	56	27317	529.018	ug/l	100
14) Allyl chloride	4.67	41	176770	140.974	ug/l	100
15) Acrylonitrile	5.36	53	121372	748.847	ug/l	99
16) Acetone	4.12	43	110115	632.265	ug/l	99
17) Carbon Disulfide	4.37	76	360369	140.376	ug/l	99
18) Methyl Acetate	4.67	43	59108	141.442	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	171055	97.867	ug/l	99
20) Methylene Chloride	4.91	84	124468	115.730	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	131209	147.766	ug/l	94
22) Diisopropyl ether	6.31	45	337837	148.942	ug/l	97
23) Vinyl Acetate	6.25	43	966388	777.306	ug/l	99
24) 1,1-Dichloroethane	6.21	63	225843	153.180	ug/l	98
25) 2-Butanone	7.17	43	149651	715.820	ug/l	99
26) 2,2-Dichloropropane	7.17	77	142691	106.592	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	146978	153.548	ug/l	100
28) Bromochloromethane	7.51	49	85725	158.868	ug/l	98
29) Tetrahydrofuran	7.52	42	93899	718.781	ug/l	97
30) Chloroform	7.68	83	249303	161.116	ug/l	99
31) Cyclohexane	7.95	56	191285	127.481	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	214072	149.700	ug/l	99
36) 1,1-Dichloropropene	8.08	75	184696	137.240	ug/l	99
37) Ethyl Acetate	7.25	43	67975	139.557	ug/l	98
38) Carbon Tetrachloride	8.07	117	206351	147.831	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	222821	125.046	ug/l	91
40) Benzene	8.32	78	518541	139.495	ug/l	100
41) Methacrylonitrile	7.49	41	40531	139.468	ug/l	98
42) 1,2-Dichloroethane	8.40	62	163634	153.816	ug/l	100
43) Isopropyl Acetate	8.43	43	139178	145.873	ug/l	99
44) Trichloroethene	9.09	130	149742	143.854	ug/l	98
45) 1,2-Dichloropropane	9.37	63	121936	140.817	ug/l	92
46) Dibromomethane	9.46	93	68125	149.228	ug/l	96
47) Bromodichloromethane	9.65	83	183398	152.581	ug/l	94
48) Methyl methacrylate	9.44	41	68901	140.470	ug/l	99
49) 1,4-Dioxane	9.45	88	22212	2829.572	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	319355	687.896	ug/l	100
52) Toluene	10.39	92	339789	132.655	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	177530	148.929	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	204494	146.696	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	89906	139.588	ug/l #	89
56) Ethyl methacrylate	10.65	69	115339	139.846	ug/l	98
57) 1,3-Dichloropropane	10.93	76	152721	141.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	277287	800.520	ug/l	99
59) 2-Hexanone	10.97	43	216642	655.193	ug/l	96
60) Dibromochloromethane	11.13	129	120571	151.450	ug/l	98
61) 1,2-Dibromoethane	11.24	107	93039	151.612	ug/l	92
64) Tetrachloroethene	10.86	164	122146	150.692	ug/l	92
65) Chlorobenzene	11.66	112	362148	146.721	ug/l	88
66) 1,1,1,2-Tetrachloroethane	11.73	131	127440	163.553	ug/l	97
67) Ethyl Benzene	11.73	91	620807	138.278	ug/l	99
68) m/p-Xylenes	11.84	106	466372	266.434	ug/l	91
69) o-Xylene	12.17	106	225815	136.947	ug/l	96
70) Styrene	12.18	104	371659	138.766	ug/l	97
71) Bromoform	12.35	173	66897	171.959	ug/l #	99
73) Isopropylbenzene	12.47	105	663527	146.654	ug/l	99
74) N-amyl acetate	12.27	43	123686	155.149	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	91643	151.050	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	131699	285.600	ug/l #	1
77) Bromobenzene	12.75	156	144906	145.881	ug/l	97
78) n-propylbenzene	12.81	91	749911	138.011	ug/l	98
79) 2-Chlorotoluene	12.90	91	433499	140.622	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	574755	148.359	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.52	75	33219	165.601	ug/l	90
82) 4-Chlorotoluene	12.99	91	439875	134.095	ug/l	93
83) tert-Butylbenzene	13.21	119	460862	134.754	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	544606	137.373	ug/l	96
85) sec-Butylbenzene	13.39	105	610515	126.641	ug/l	98
86) p-Isopropyltoluene	13.51	119	557001	128.473	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	274565	135.218	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	273361	134.621	ug/l	96
89) n-Butylbenzene	13.83	91	493683	122.559	ug/l	96
90) Hexachloroethane	14.10	117	103411	154.867	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	249707	143.138	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18489	157.437	ug/l	99

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Response via : Initial Calibration

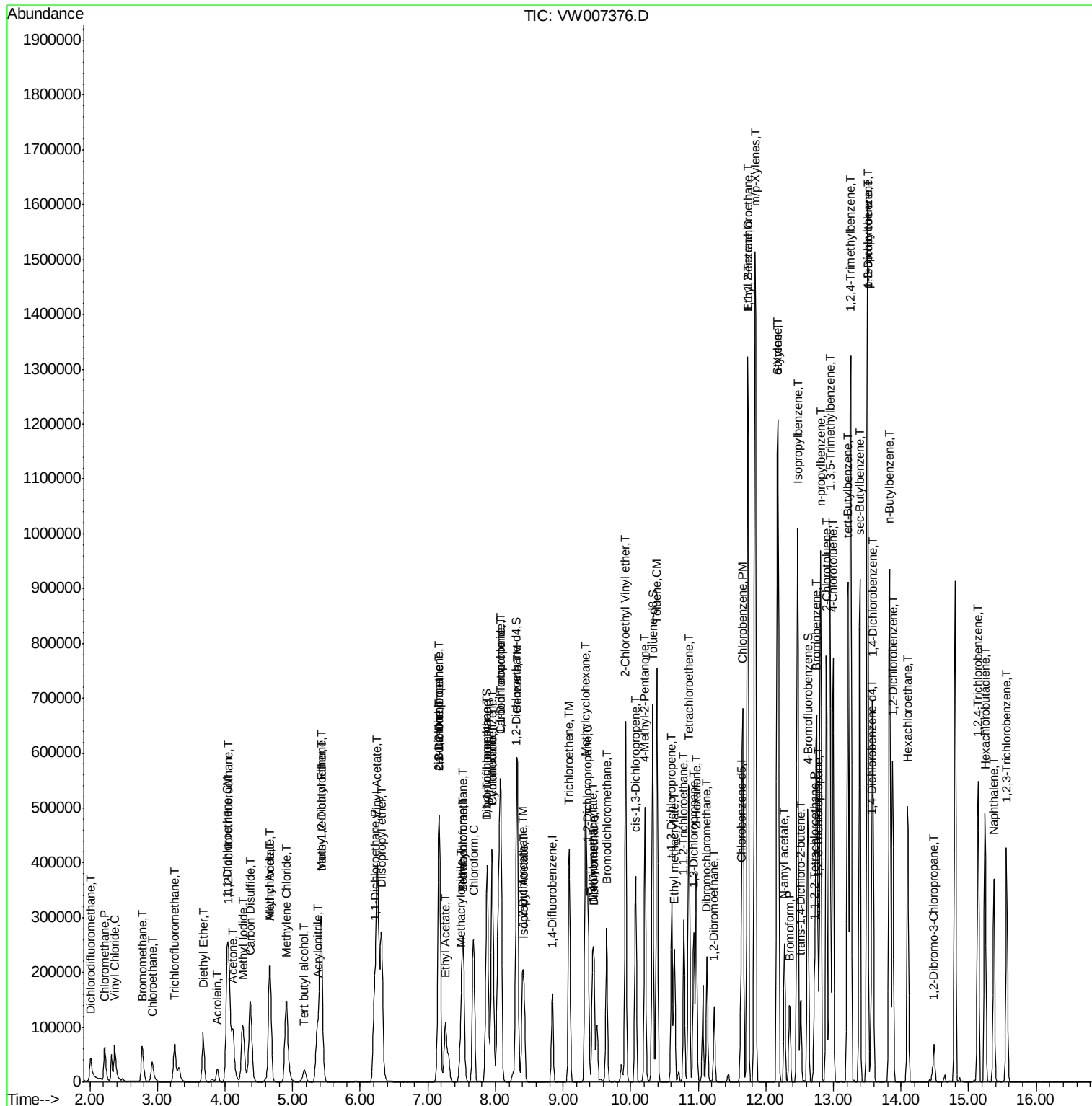
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	169836	140.452	ug/l	96
94) Hexachlorobutadiene	15.24	225	86135	131.807	ug/l	98
95) Naphthalene	15.38	128	332407	151.070	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	149340	144.249	ug/l	98

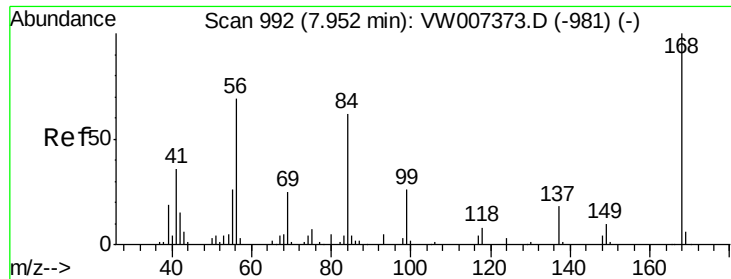
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

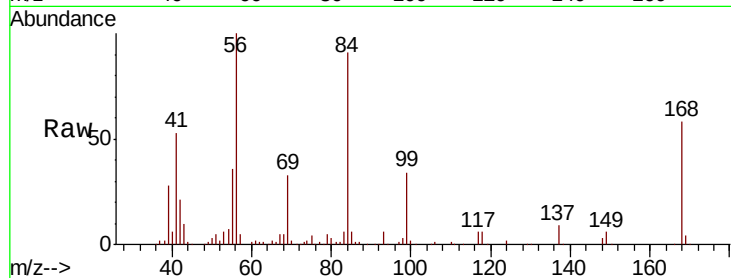
VSTDIC150

Tgt Ion:168 Resp: 82427

Ion Ratio Lower Upper

168 100

99 59.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

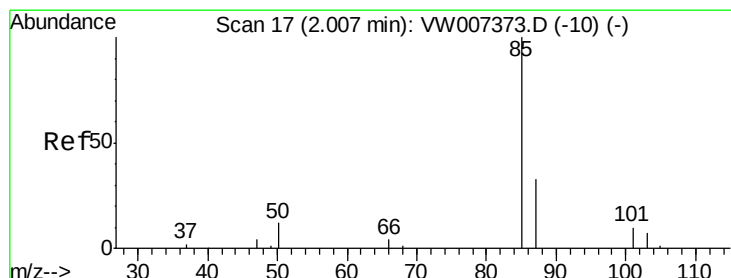
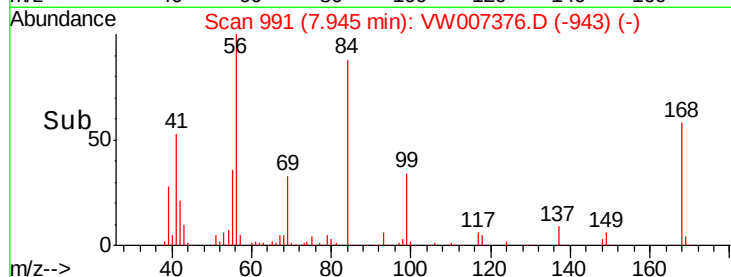
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 96.290 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW007376.D

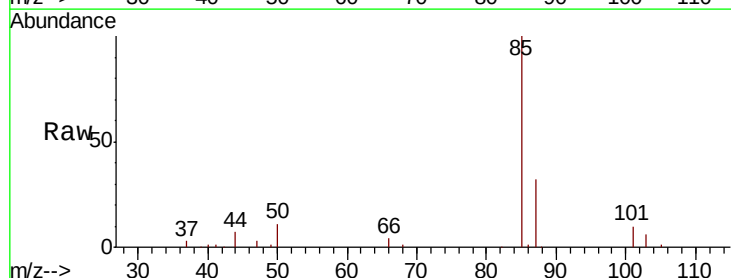
Acq: 11 Dec 2018 01:23

Tgt Ion: 85 Resp: 81747

Ion Ratio Lower Upper

85 100

87 32.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

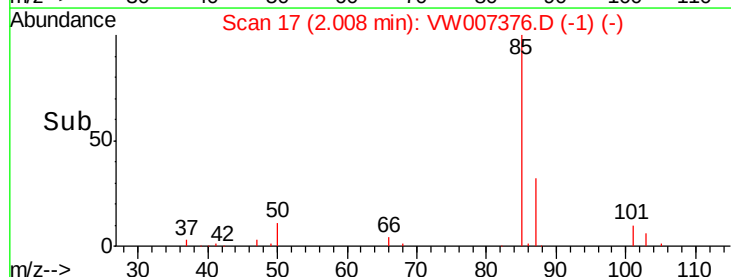
15000

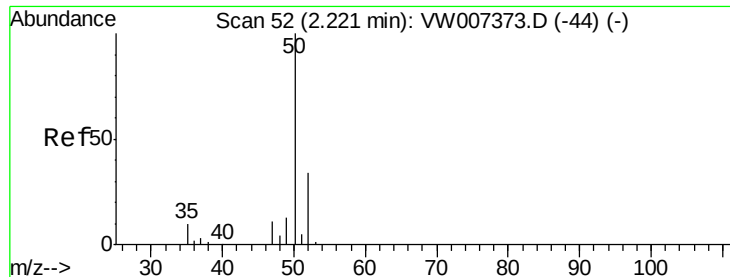
10000

5000

0

Time-->





#3

Chloromethane

Concen: 68.074 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

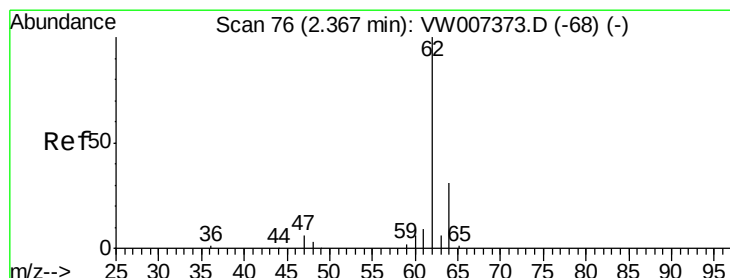
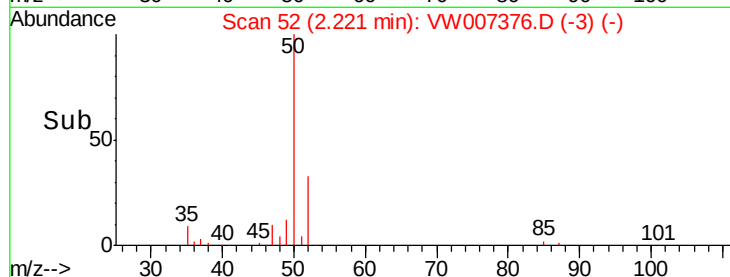
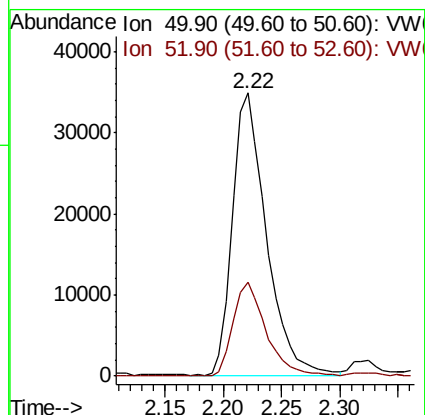
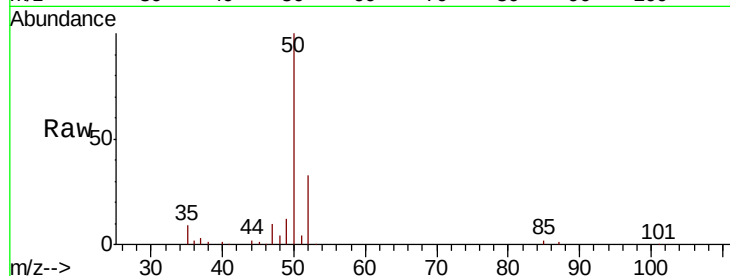
VSTDIC150

Tgt Ion: 50 Resp: 70606

Ion Ratio Lower Upper

50 100

52 33.4 27.4 41.0



#4

Vinyl Chloride

Concen: 117.152 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007376.D

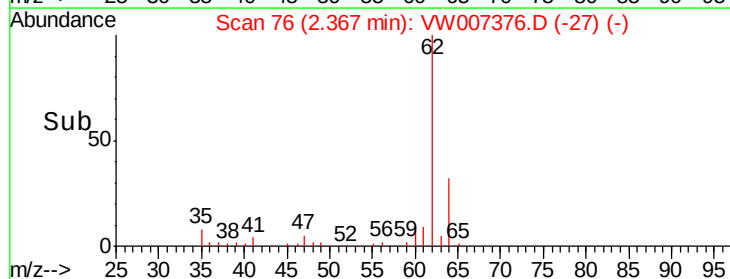
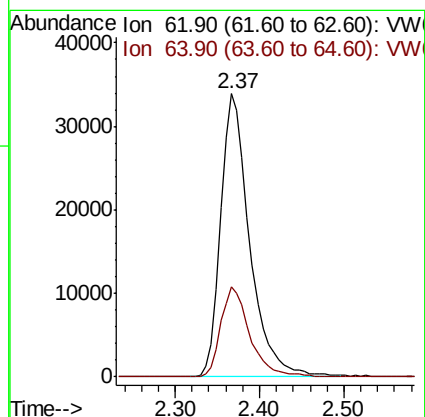
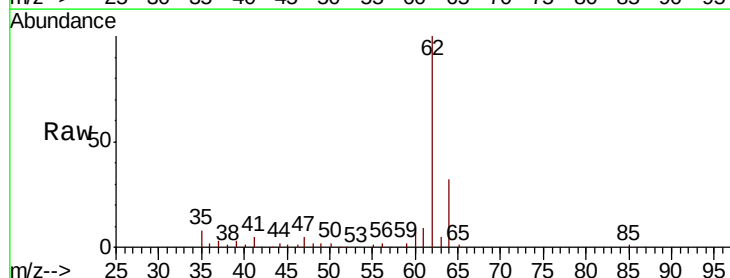
Acq: 11 Dec 2018 01:23

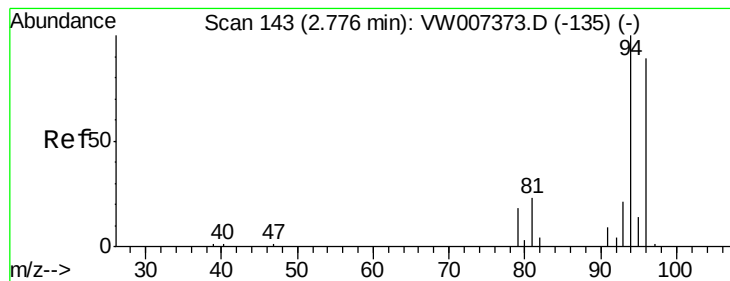
Tgt Ion: 62 Resp: 80464

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 154.104 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

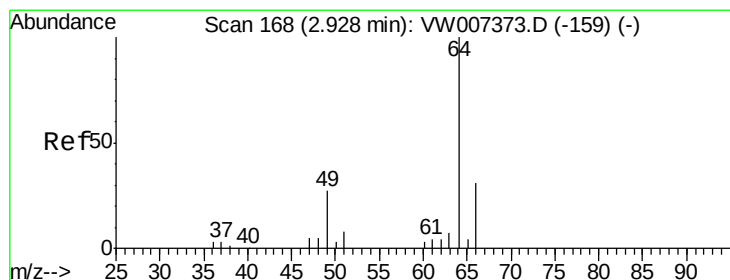
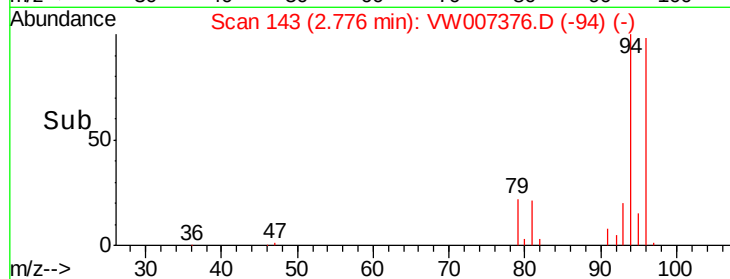
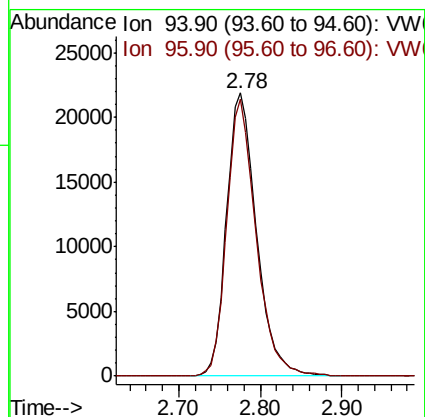
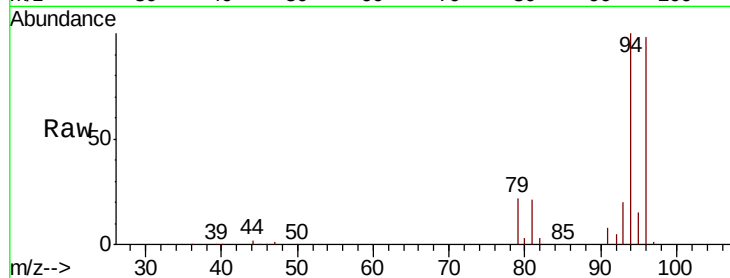
VSTDIC150

Tgt Ion: 94 Resp: 55403

Ion Ratio Lower Upper

94 100

96 97.7 71.0 106.4



#6

Chloroethane

Concen: 122.210 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007376.D

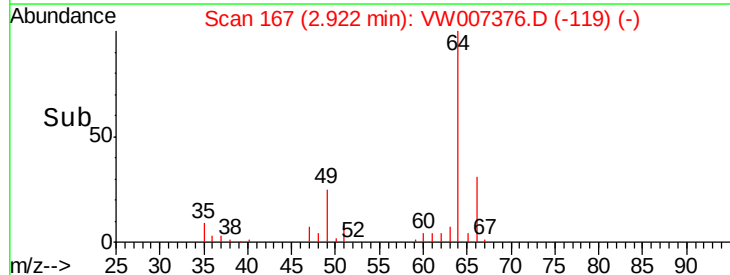
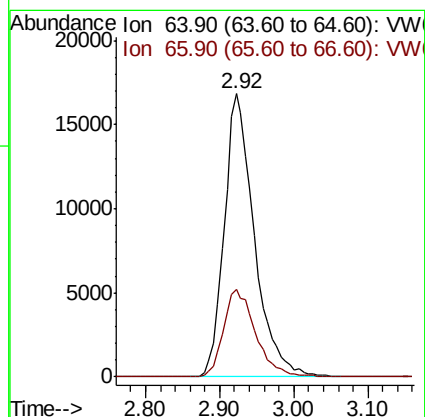
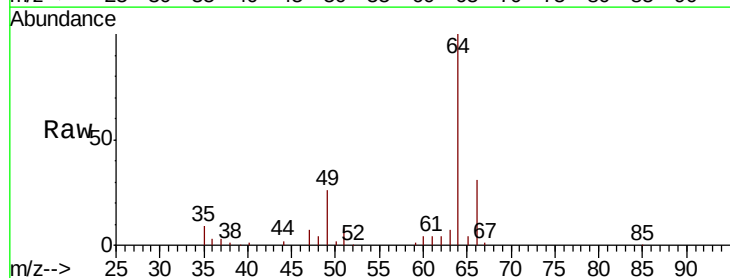
Acq: 11 Dec 2018 01:23

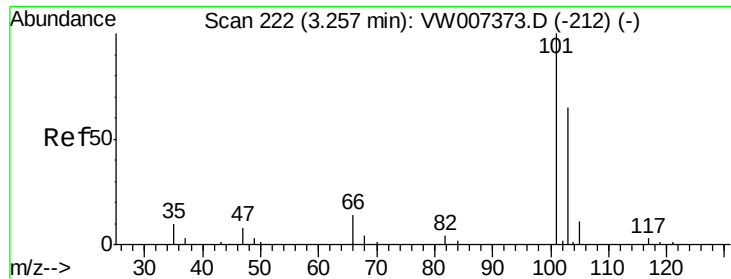
Tgt Ion: 64 Resp: 47319

Ion Ratio Lower Upper

64 100

66 31.0 24.6 37.0



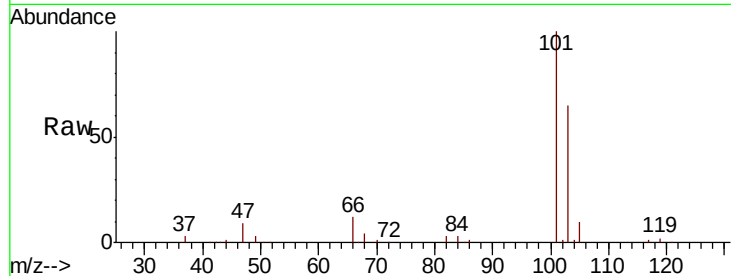


#7

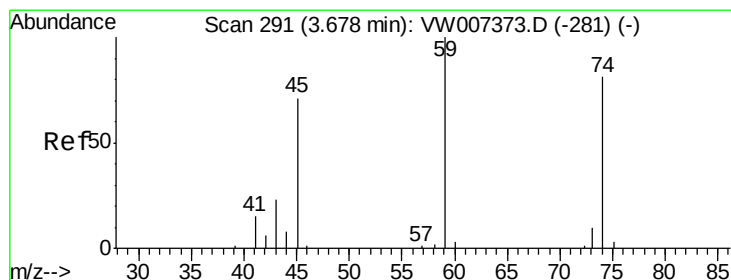
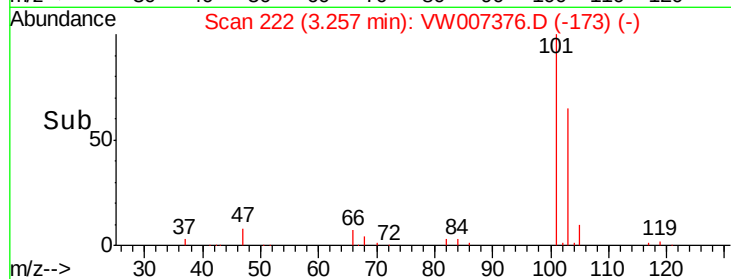
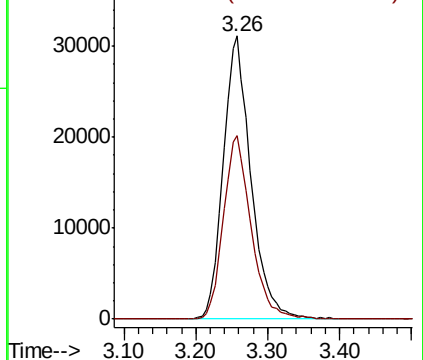
Trichlorofluoromethane
 Concen: 66.419 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Instrument :
 MSVOA_W
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 VSTDIC150

Tgt Ion: 101 Resp: 83204
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.7 77.5



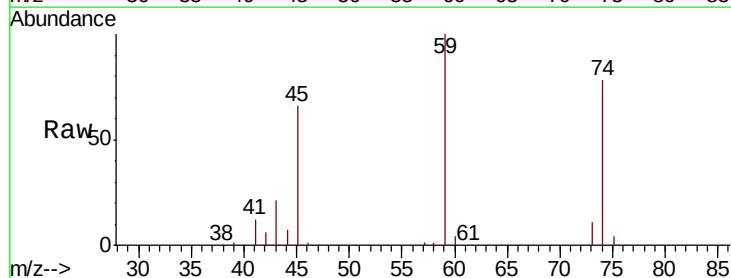
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



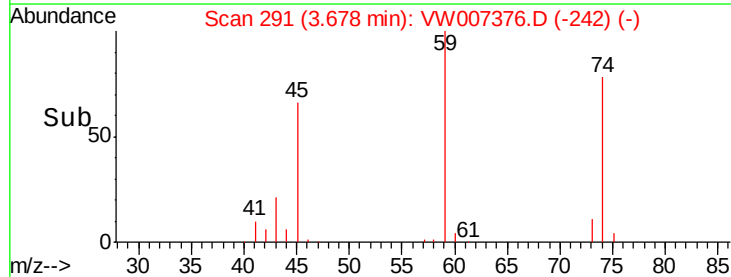
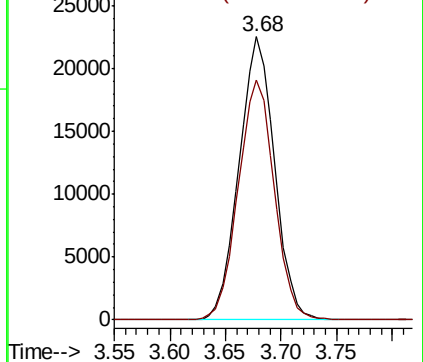
#8

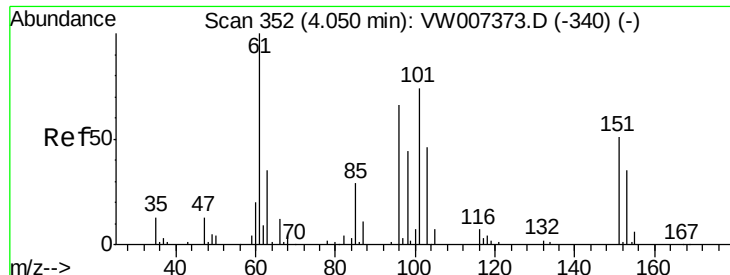
Diethyl Ether
 Concen: 126.616 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007376.D
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Tgt Ion: 74 Resp: 49842
 Ion Ratio Lower Upper
 74 100
 45 86.1 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.336 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

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VSTDIC150

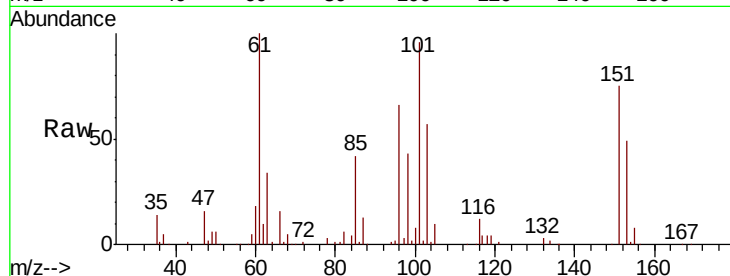
Tgt Ion:101 Resp: 120051

Ion Ratio Lower Upper

101 100

85 43.5 33.9 50.9

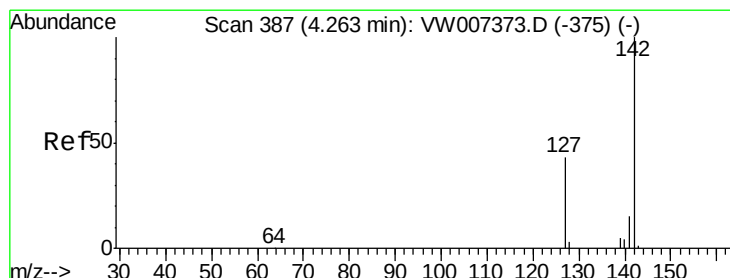
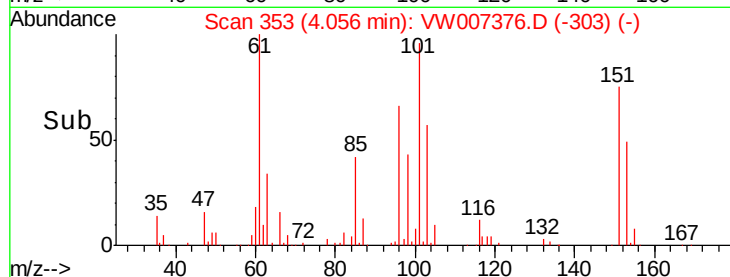
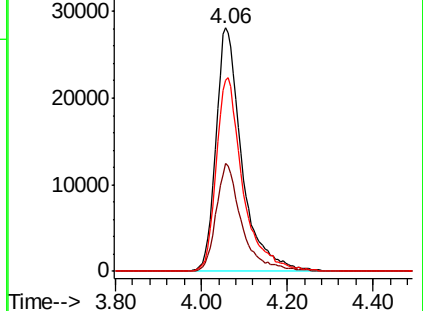
151 81.3 63.7 95.5



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: 248.101 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

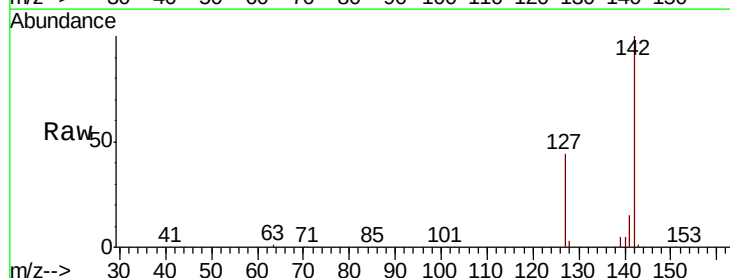
Tgt Ion:142 Resp: 206897

Ion Ratio Lower Upper

142 100

127 45.2 35.8 53.6

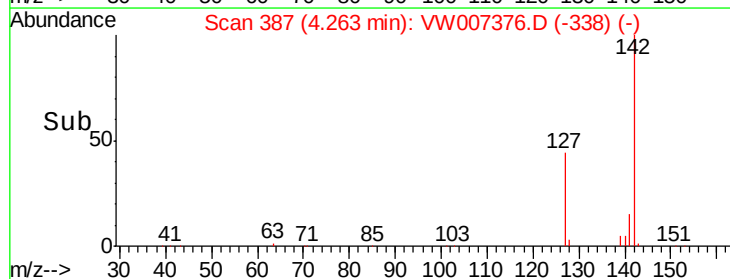
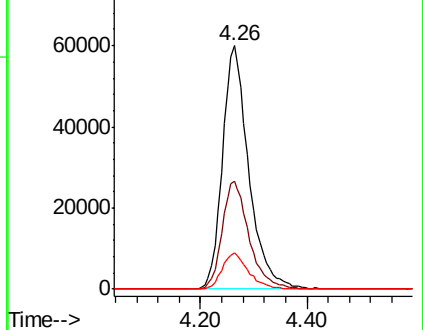
141 14.7 11.1 16.7

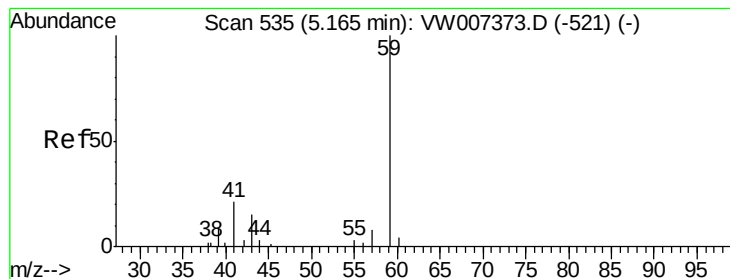


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



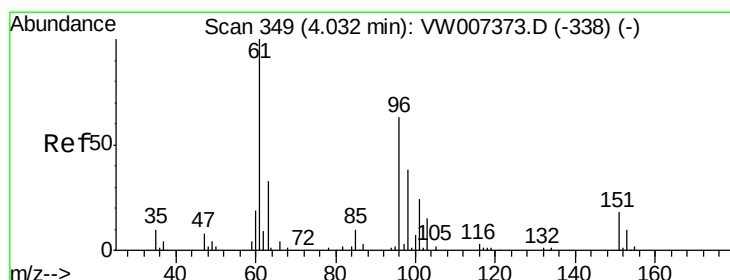
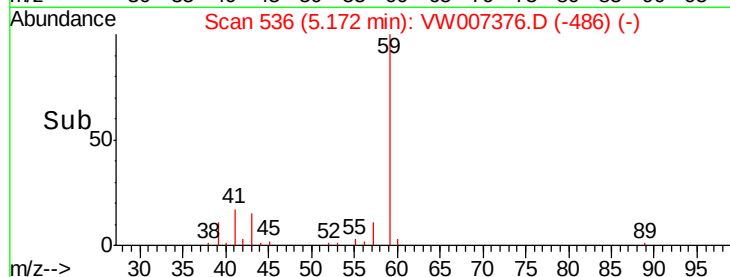
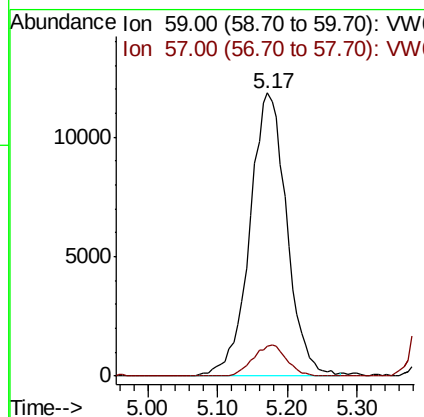
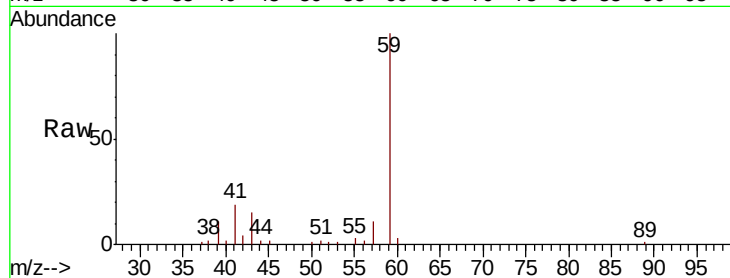


#11

Tert butyl alcohol
 Concen: 494.261 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

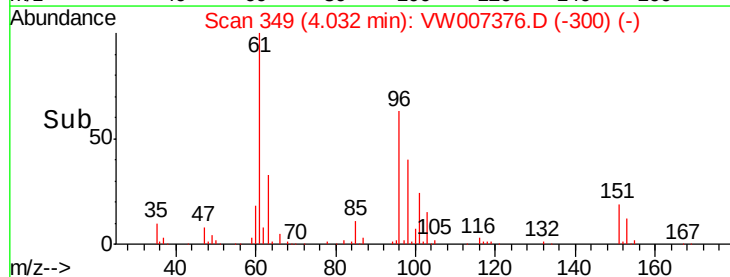
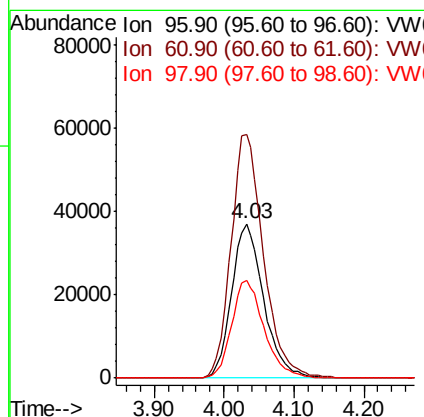
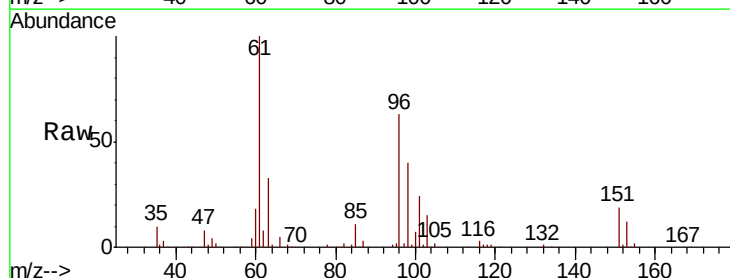
Tgt Ion: 59 Resp: 43529
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.6 11.4

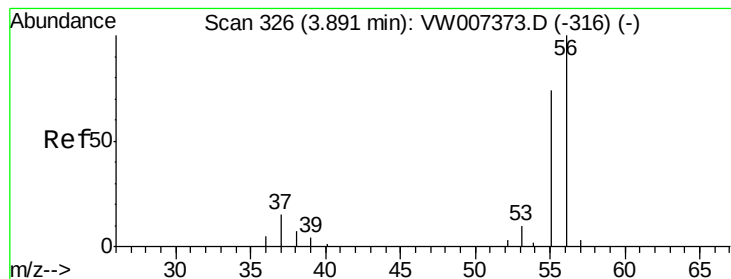


#12

1,1-Dichloroethene
 Concen: 148.461 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion: 96 Resp: 118081
 Ion Ratio Lower Upper
 96 100
 61 157.7 126.2 189.2
 98 63.3 48.3 72.5





#13

Acrolein

Concen: 529.018 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

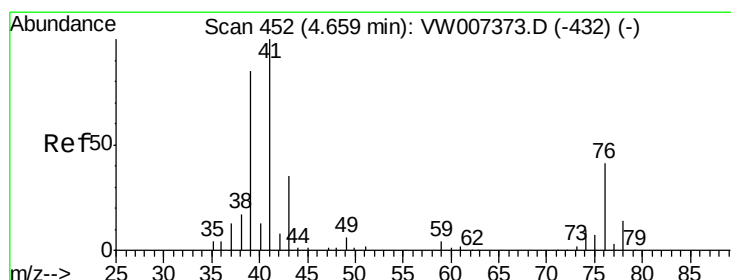
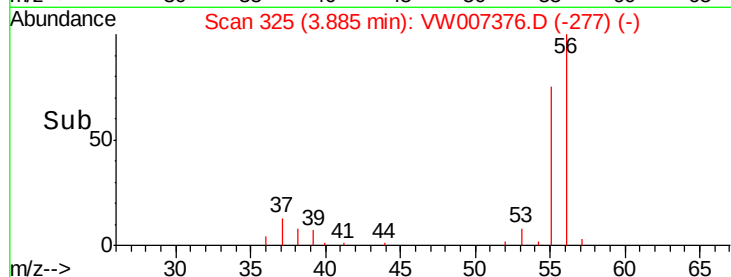
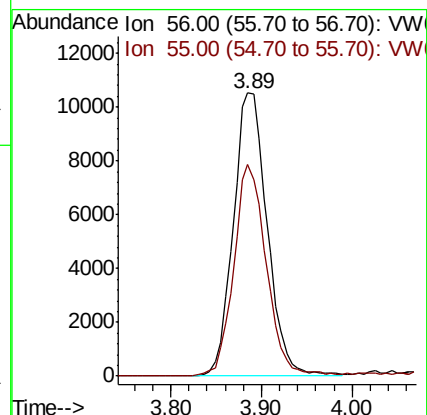
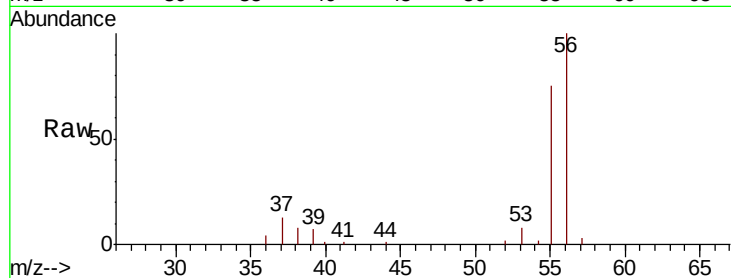
VSTDIC150

Tgt Ion: 56 Resp: 27317

Ion Ratio Lower Upper

56 100

55 72.0 57.4 86.2



#14

Allyl chloride

Concen: 140.974 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

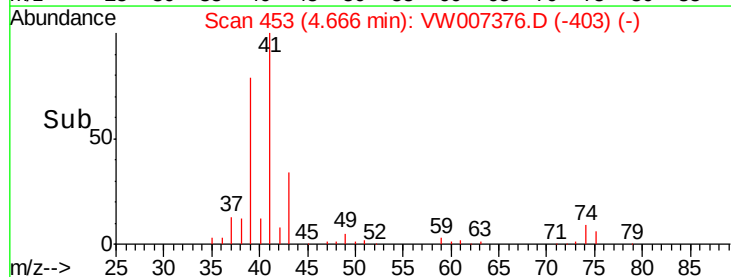
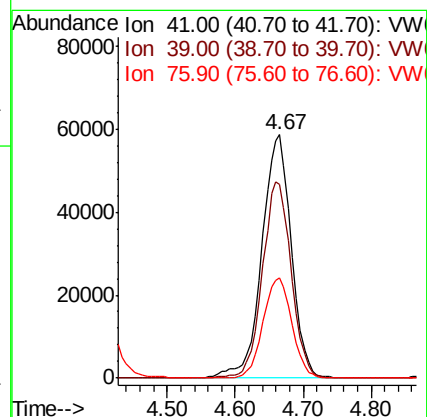
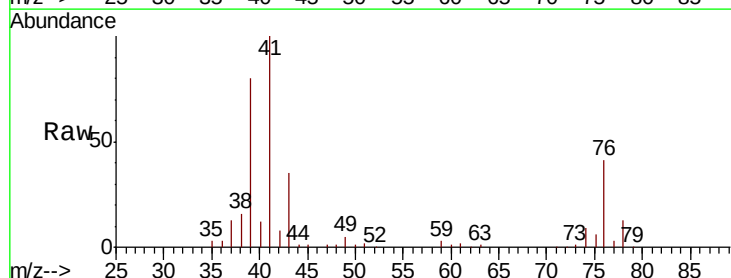
Tgt Ion: 41 Resp: 176770

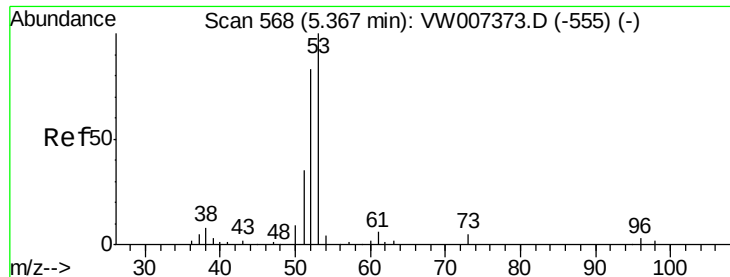
Ion Ratio Lower Upper

41 100

39 79.2 63.4 95.2

76 40.1 32.1 48.1





#15

Acrylonitrile

Concen: 748.847 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

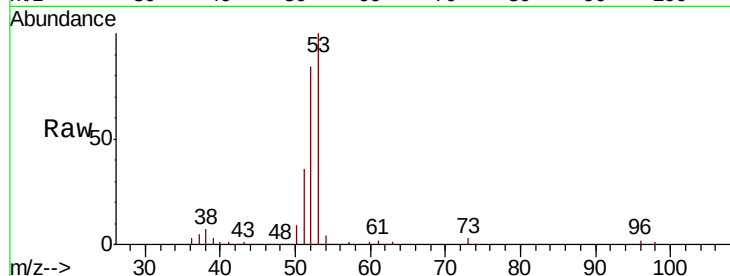
Tgt Ion: 53 Resp: 121372

Ion Ratio Lower Upper

53 100

52 83.2 67.4 101.2

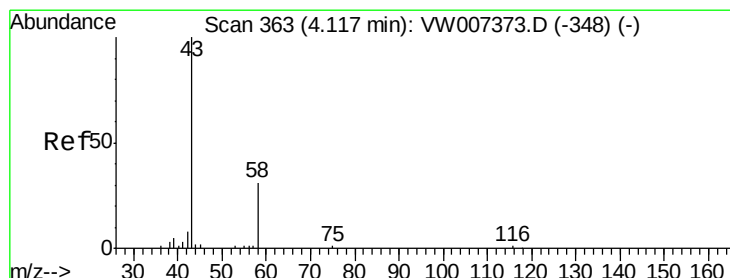
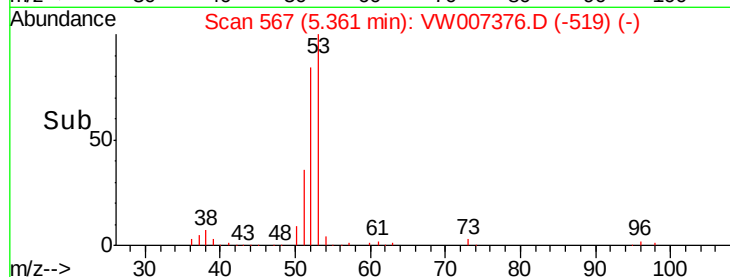
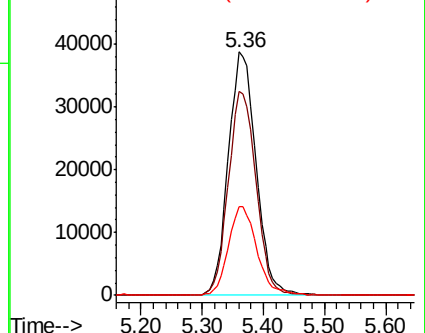
51 37.4 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 632.265 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007376.D

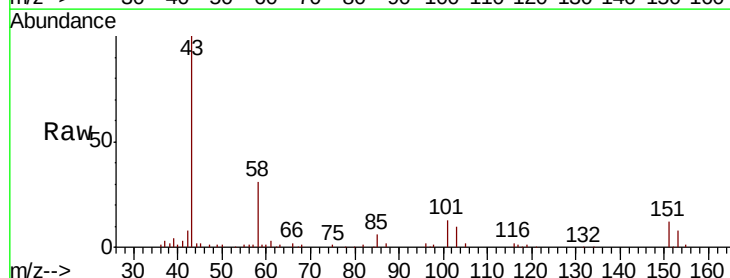
Acq: 11 Dec 2018 01:23

Tgt Ion: 43 Resp: 110115

Ion Ratio Lower Upper

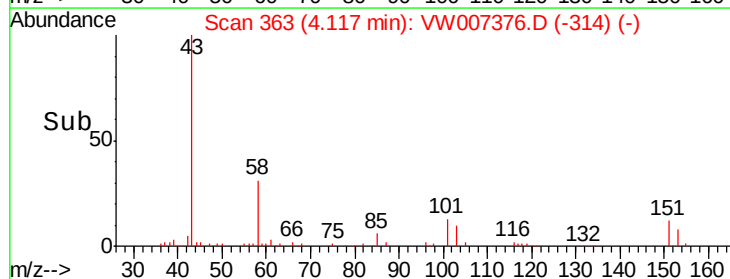
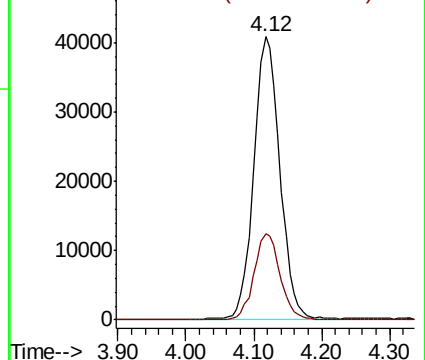
43 100

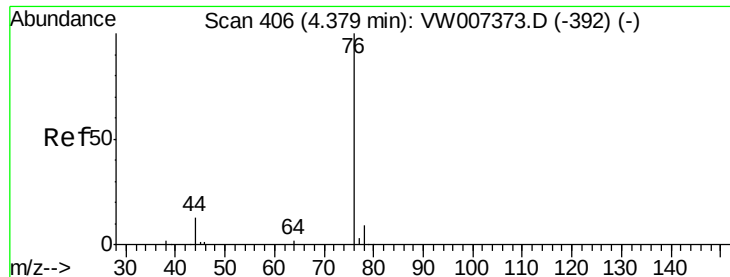
58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

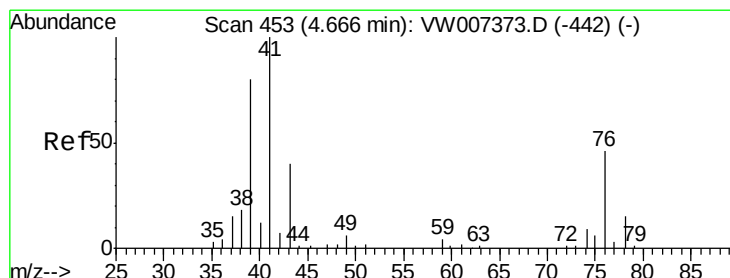
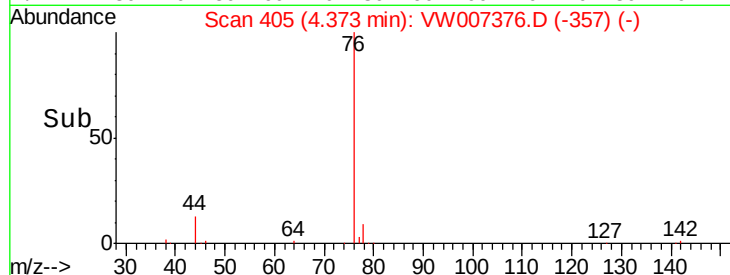
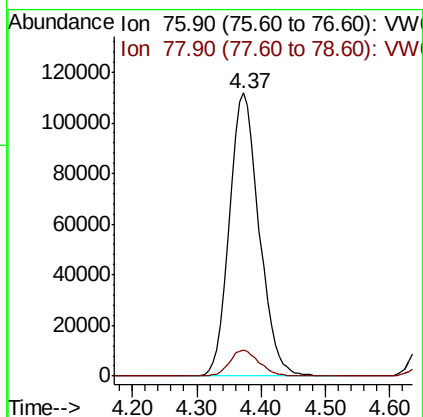
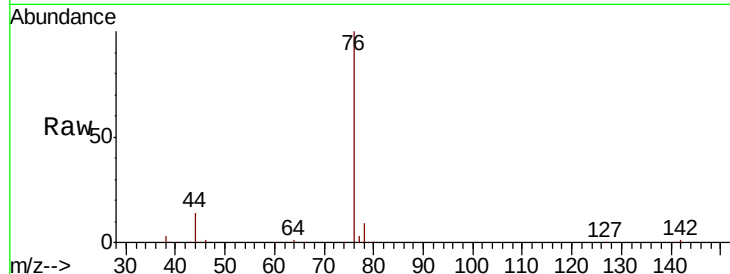




#17
Carbon Disulfide
Concen: 140.376 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

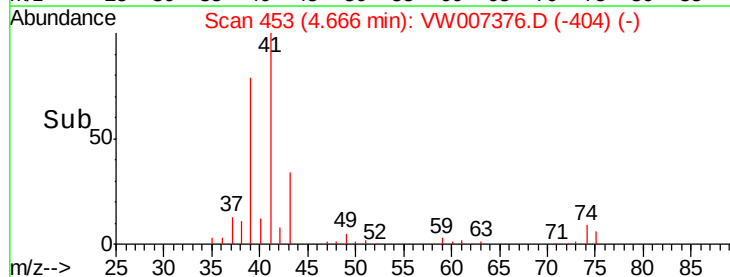
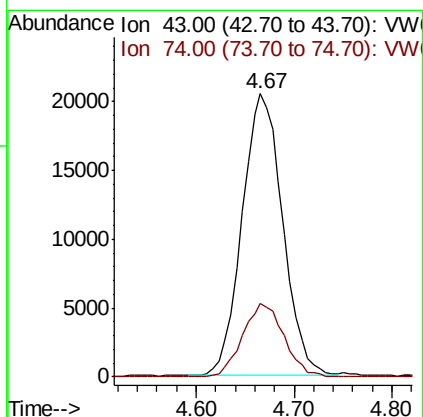
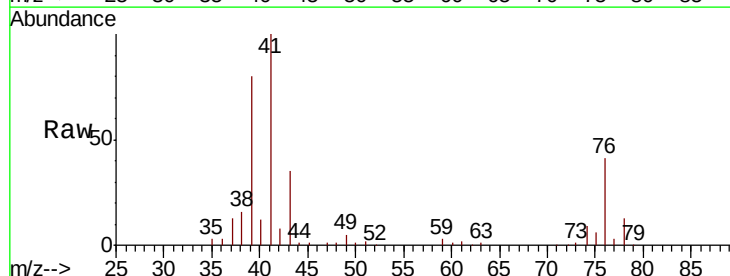
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

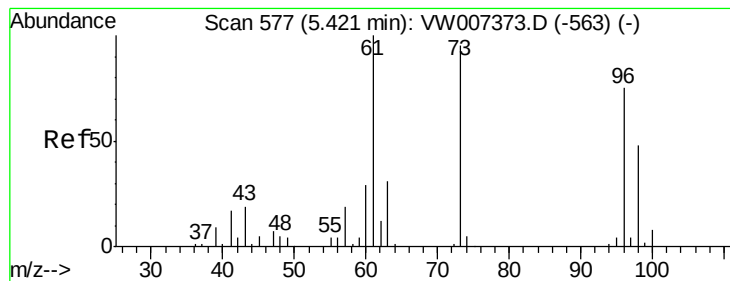
Tgt Ion: 76 Resp: 360369
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 141.442 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 43 Resp: 59108
Ion Ratio Lower Upper
43 100
74 26.5 21.1 31.7



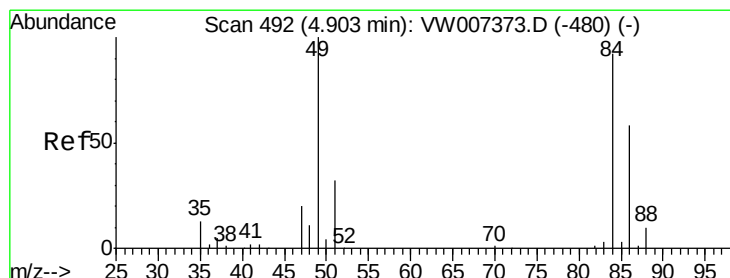
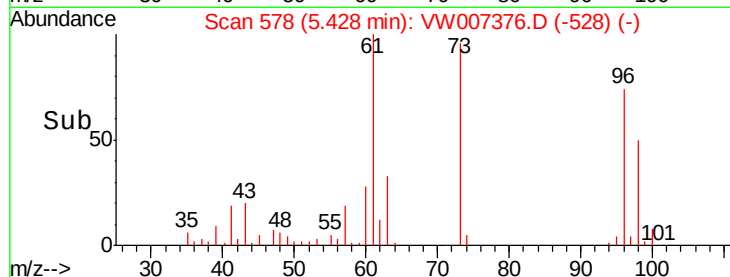
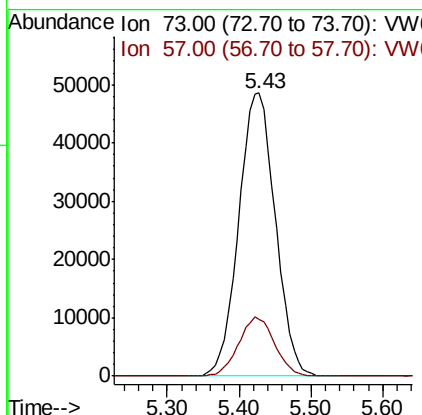
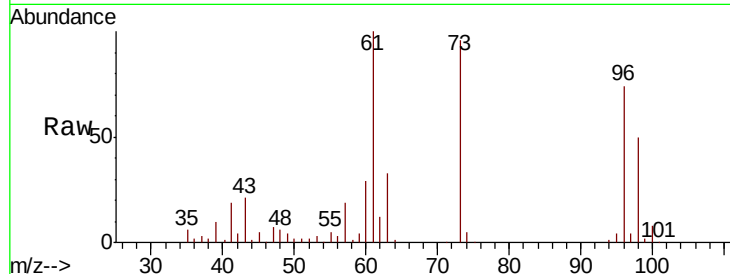


#19

Methyl tert-butyl Ether
 Concen: 97.867 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

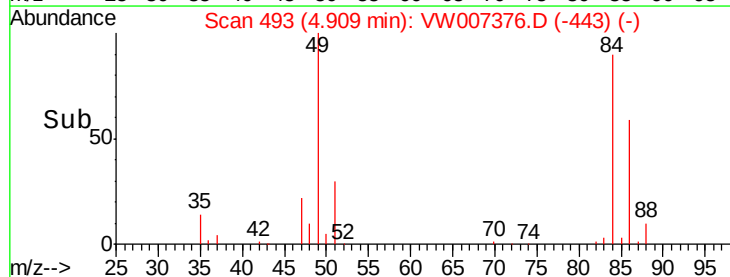
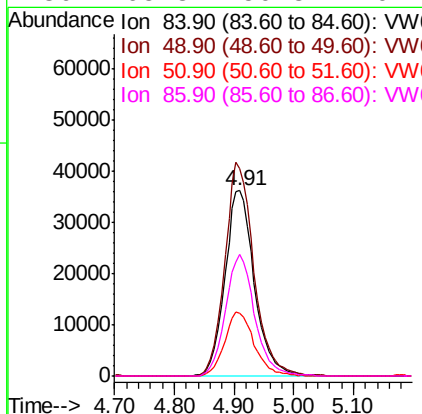
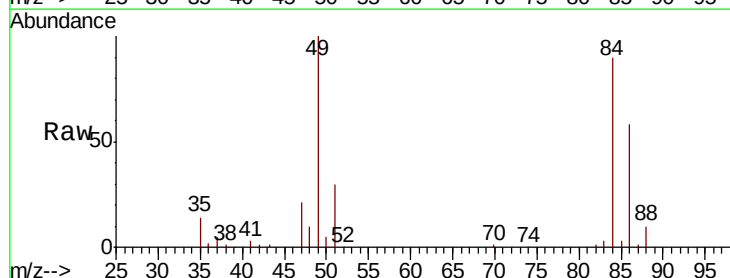
Tgt Ion: 73 Resp: 171055
 Ion Ratio Lower Upper
 73 100
 57 19.9 16.4 24.6

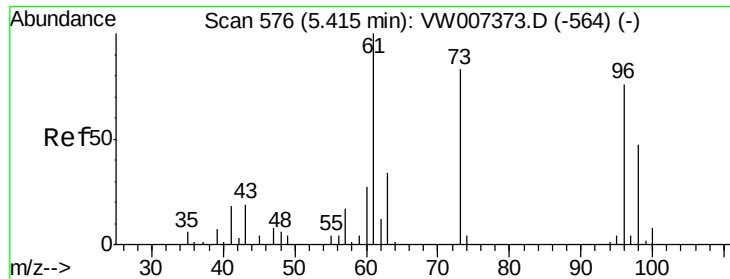


#20

Methylene Chloride
 Concen: 115.730 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion: 84 Resp: 124468
 Ion Ratio Lower Upper
 84 100
 49 111.6 87.1 130.7
 51 33.5 28.2 42.2
 86 65.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 147.766 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

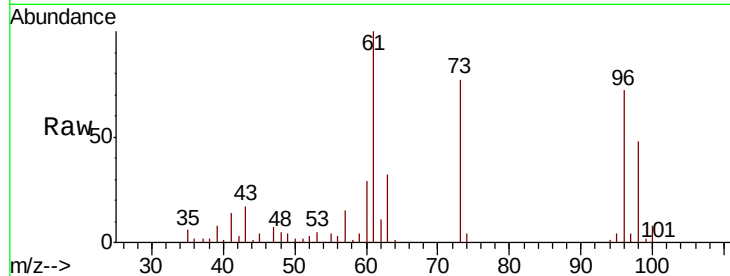
Tgt Ion: 96 Resp: 131209

Ion Ratio Lower Upper

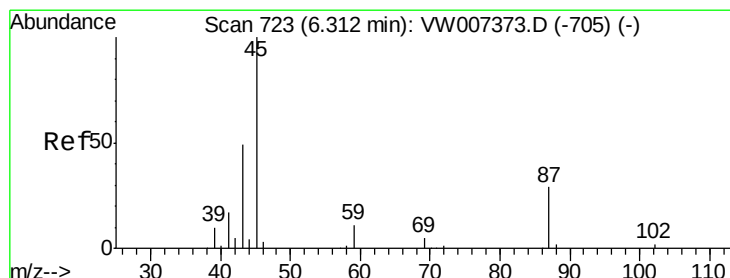
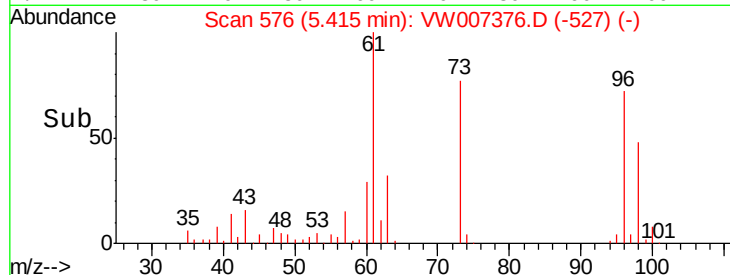
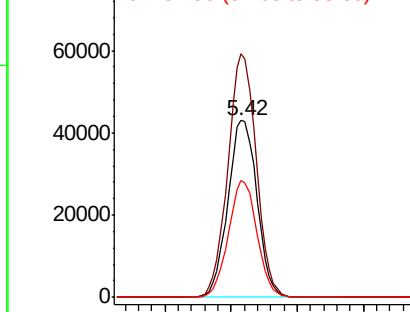
96 100

61 138.0 105.0 157.6

98 66.4 49.7 74.5



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: 148.942 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Tgt Ion: 45 Resp: 337837

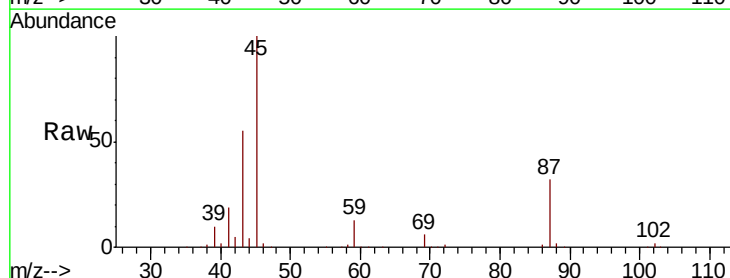
Ion Ratio Lower Upper

45 100

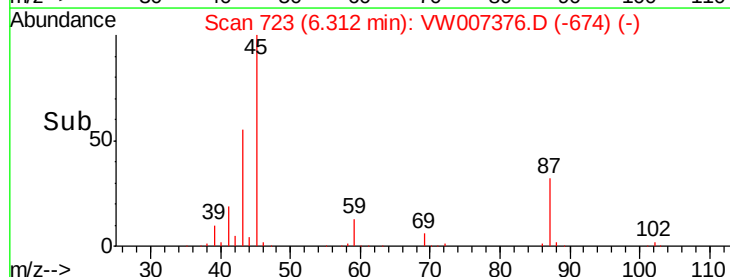
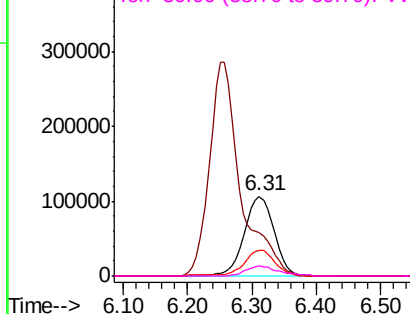
43 54.1 41.6 62.4

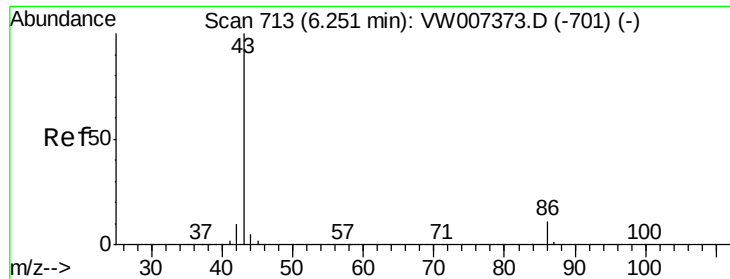
87 31.9 24.3 36.5

59 12.4 9.4 14.0



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

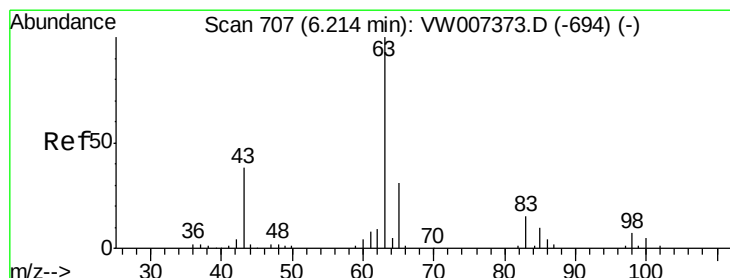
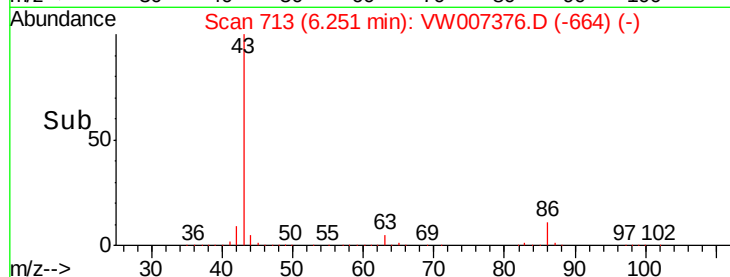
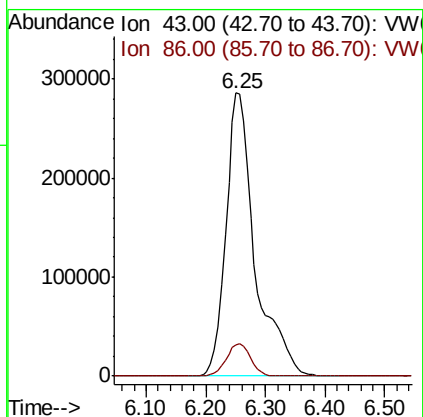
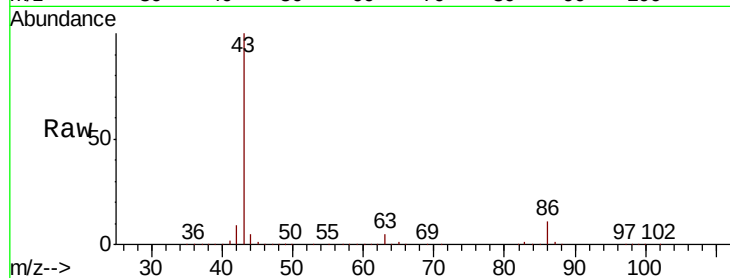




#23
 Vinyl Acetate
 Concen: 777.306 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

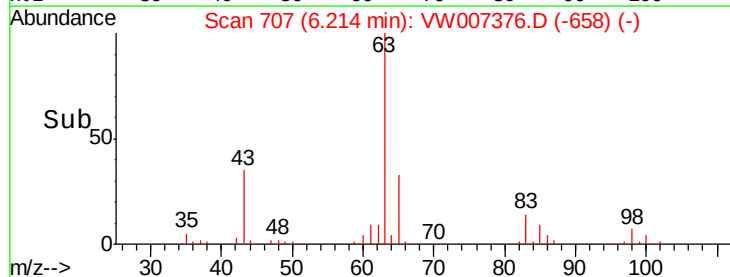
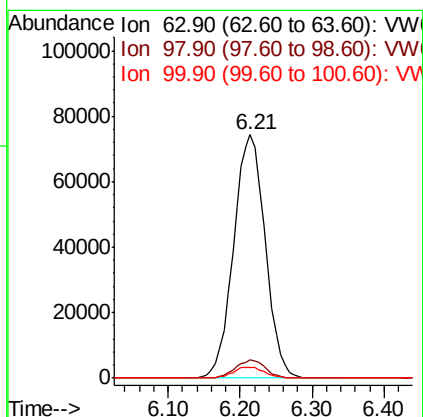
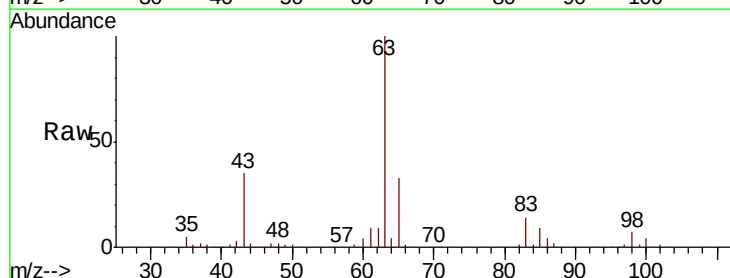
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

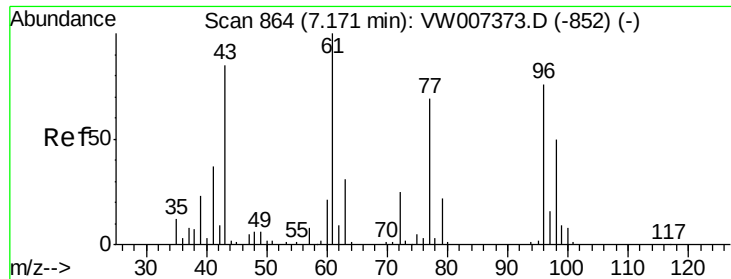
Tgt Ion: 43 Resp: 966388
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 153.180 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion: 63 Resp: 225843
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.1 2.5 7.5

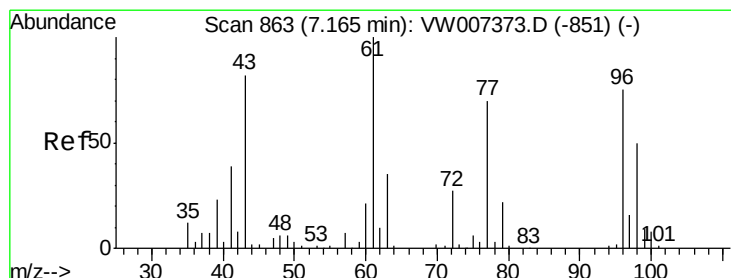
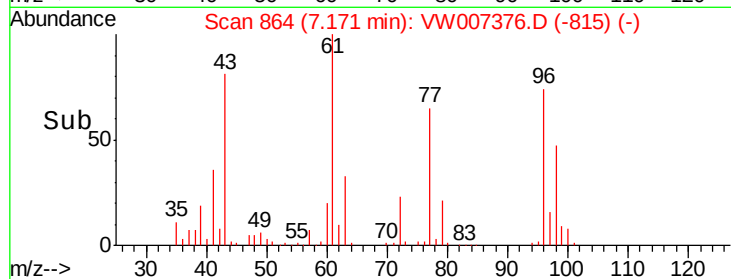
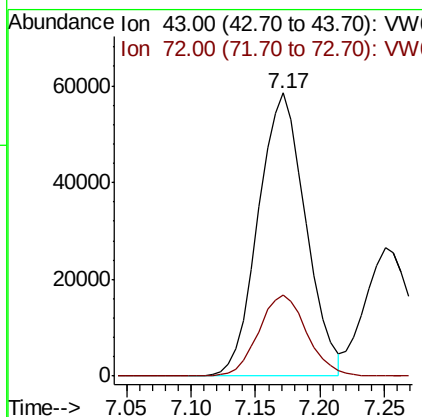
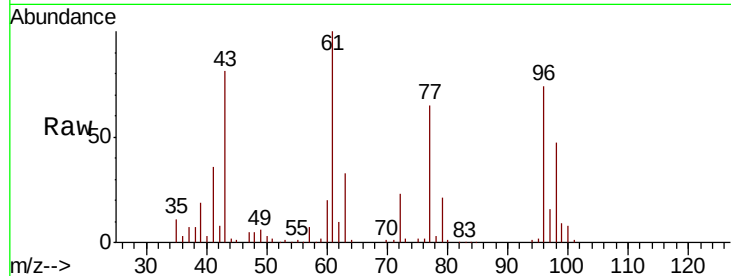




#25
2-Butanone
Concen: 715.820 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

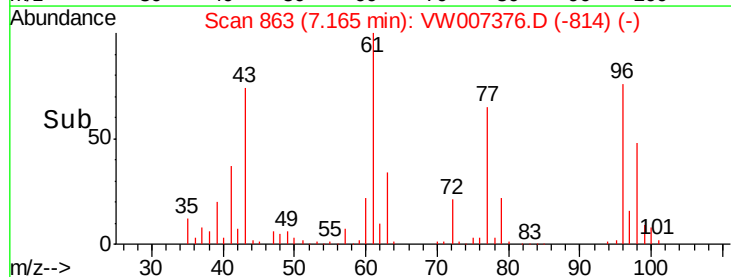
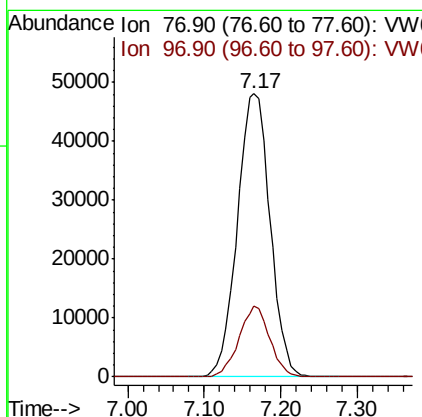
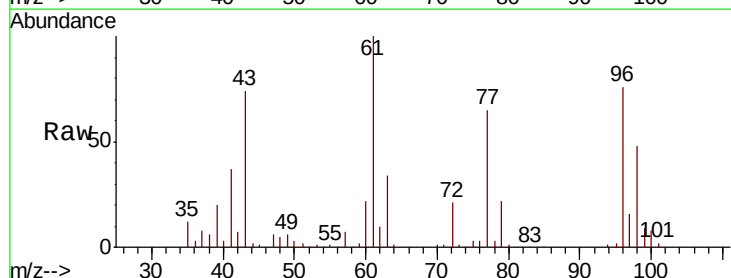
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

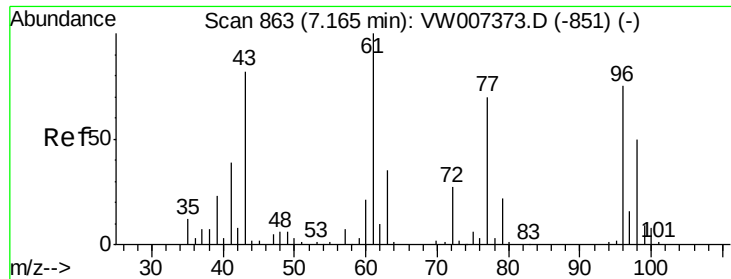
Tgt Ion: 43 Resp: 149651
Ion Ratio Lower Upper
43 100
72 28.7 23.4 35.2



#26
2,2-Dichloropropane
Concen: 106.592 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 77 Resp: 142691
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.8



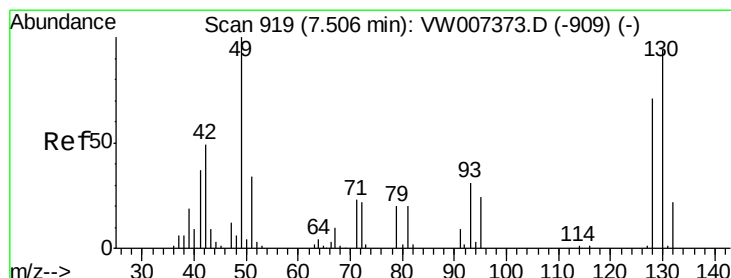
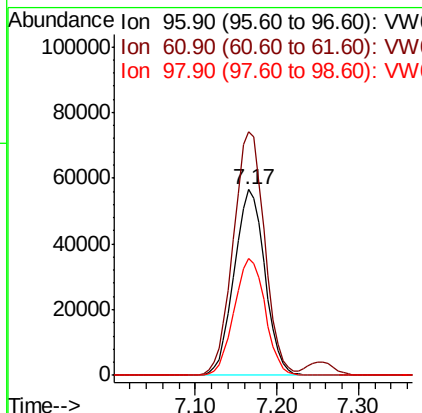
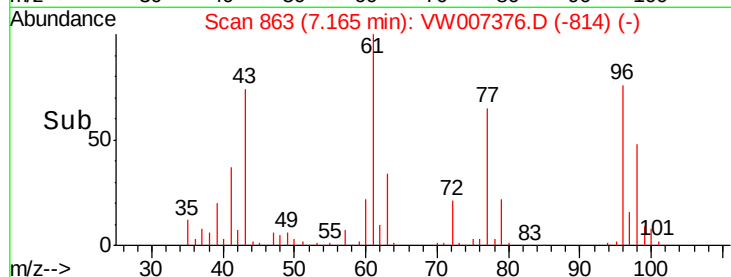
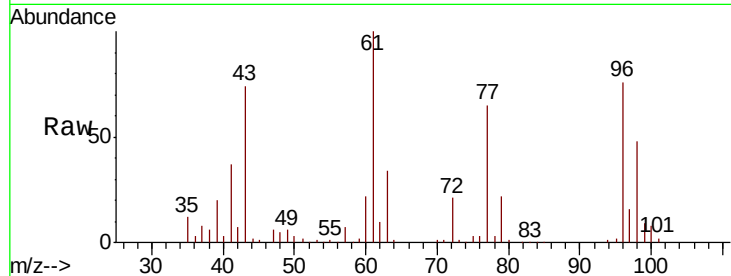


#27

cis-1,2-Dichloroethene
Concen: 153.548 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

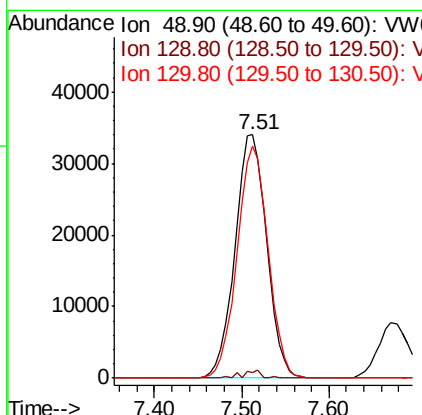
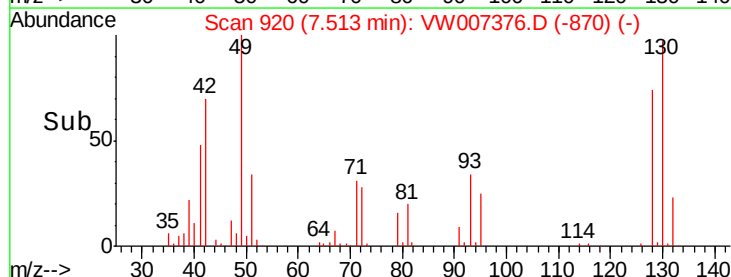
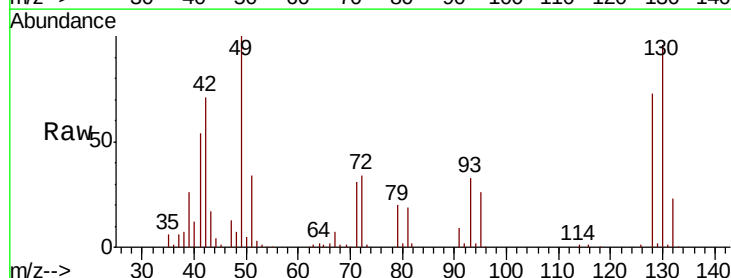
Tgt Ion: 96 Resp: 146978
Ion Ratio Lower Upper
96 100
61 134.0 0.0 268.4
98 63.6 0.0 127.8

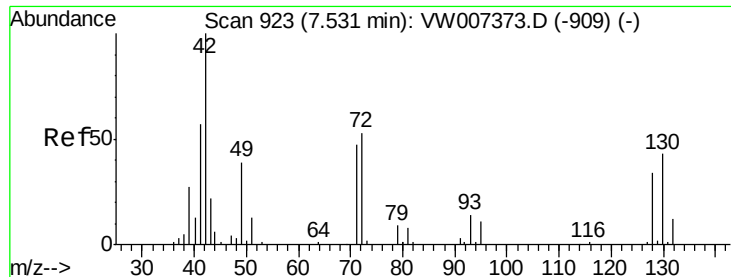


#28

Bromochloromethane
Concen: 158.868 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 49 Resp: 85725
Ion Ratio Lower Upper
49 100
129 1.7 0.0 2.6
130 93.0 75.9 113.9

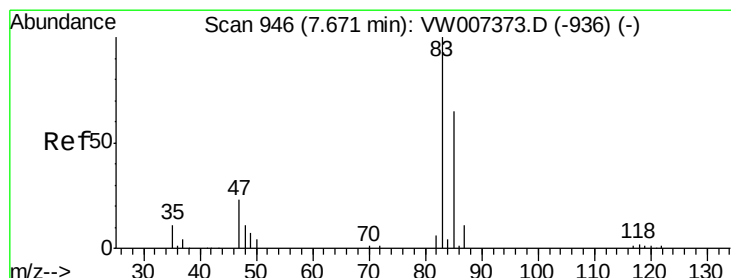
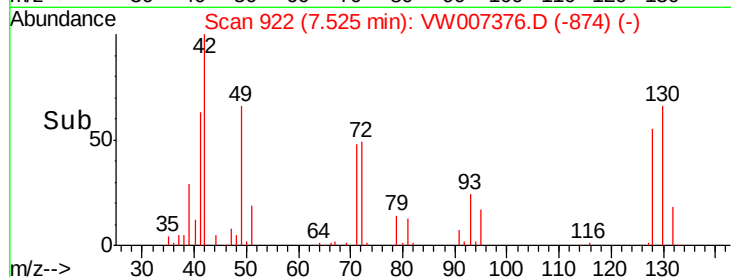
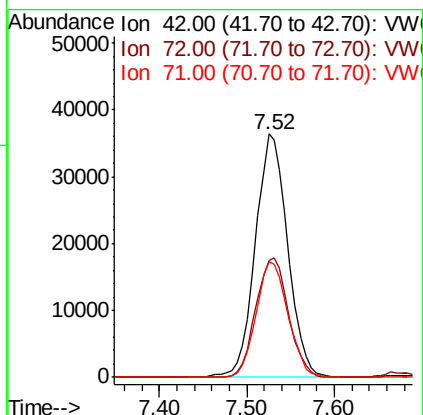
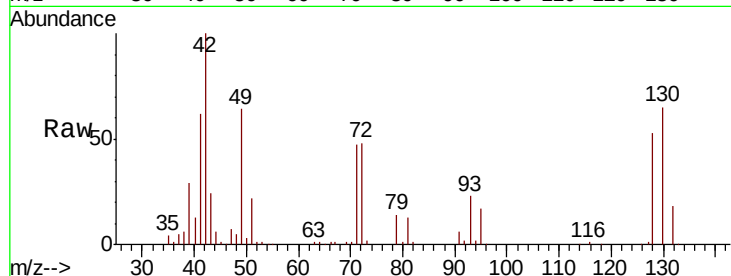




#29
Tetrahydrofuran
Concen: 718.781 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

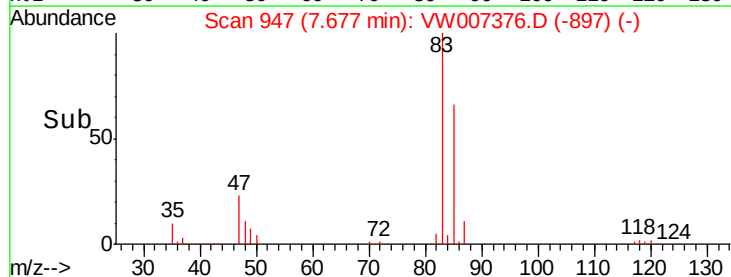
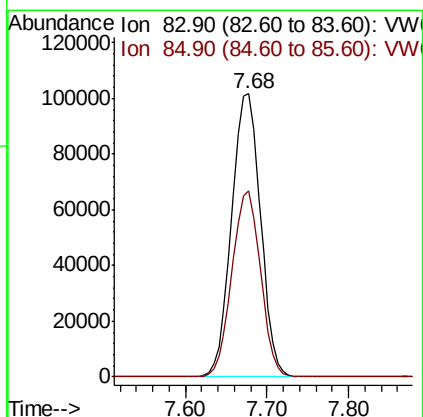
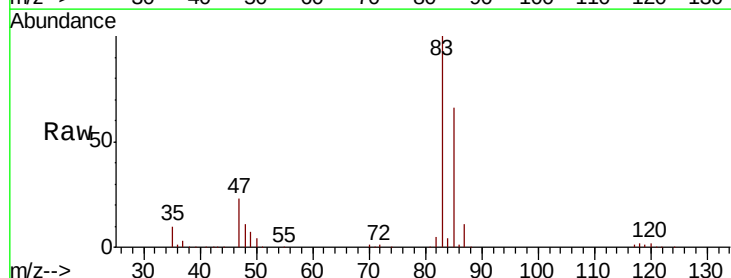
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

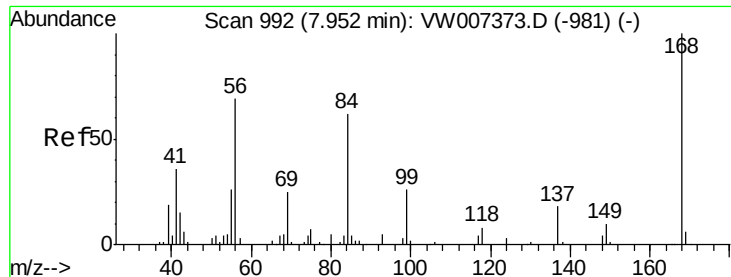
Tgt Ion: 42 Resp: 93899
Ion Ratio Lower Upper
42 100
72 49.7 38.2 57.4
71 47.1 35.5 53.3



#30
Chloroform
Concen: 161.116 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 83 Resp: 249303
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.8

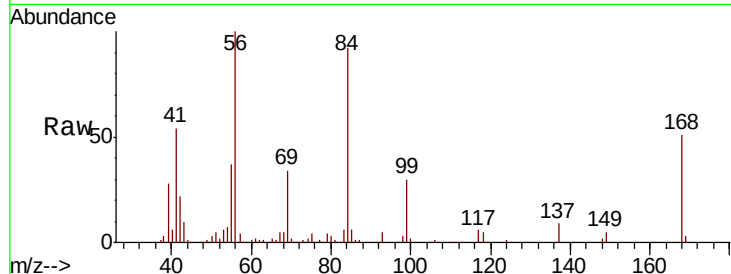




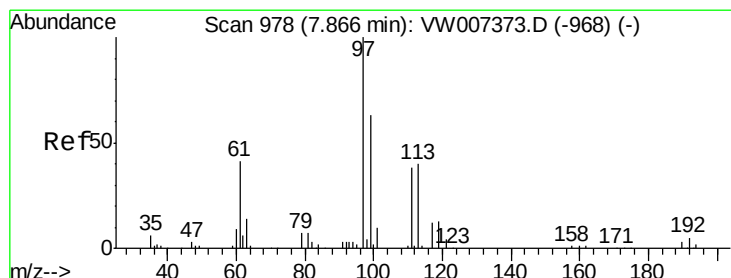
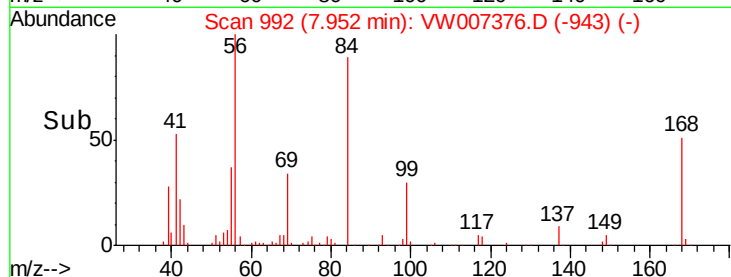
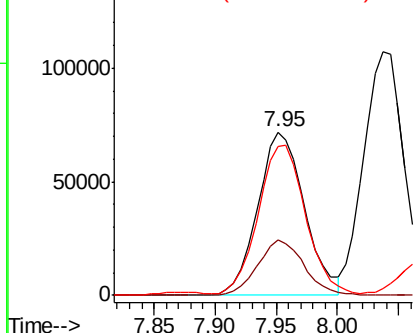
#31
Cyclohexane
Concen: 127.481 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 191285
Ion Ratio Lower Upper
56 100
69 34.0 28.9 43.3
84 89.6 71.8 107.6

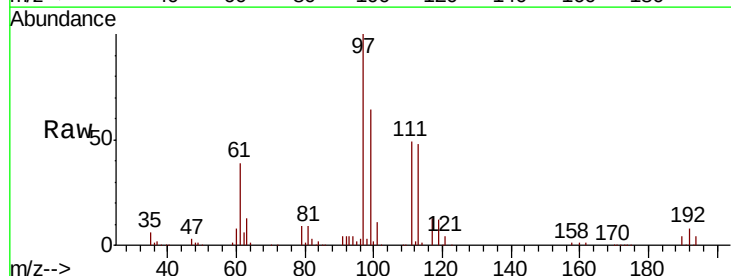


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

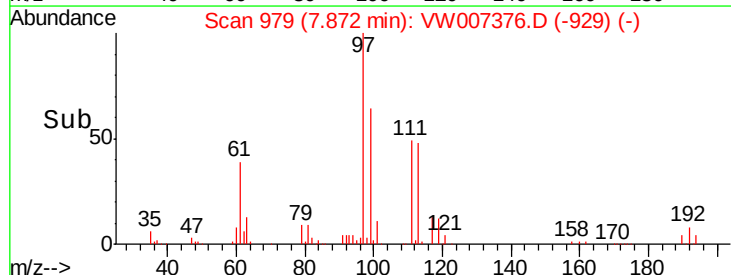
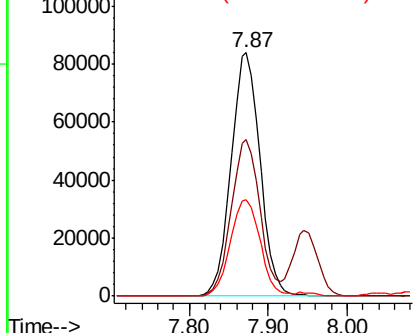


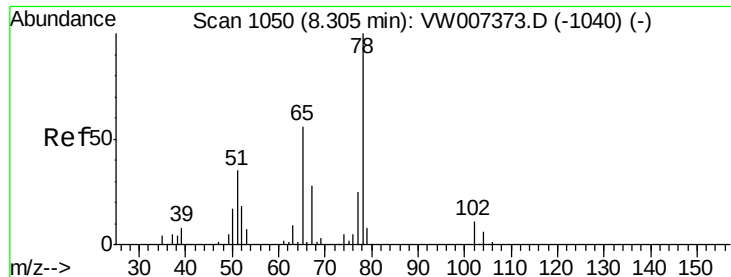
#32
1,1,1-Trichloroethane
Concen: 149.700 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 97 Resp: 214072
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 40.9 33.2 49.8



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

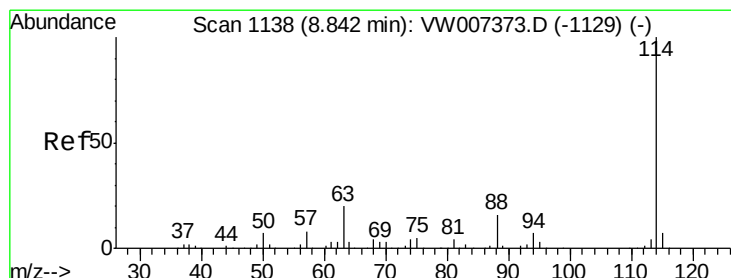
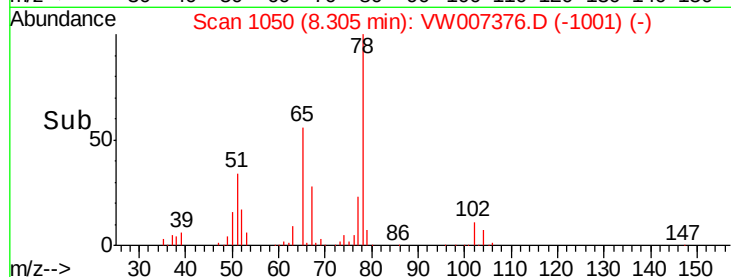
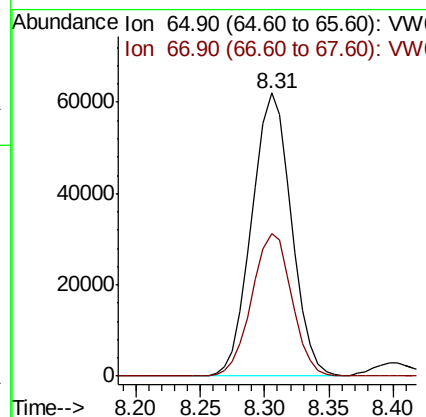
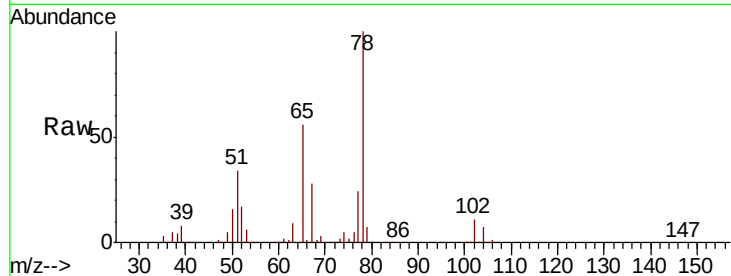




#33
 1,2-Dichloroethane-d4
 Concen: 165.112 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

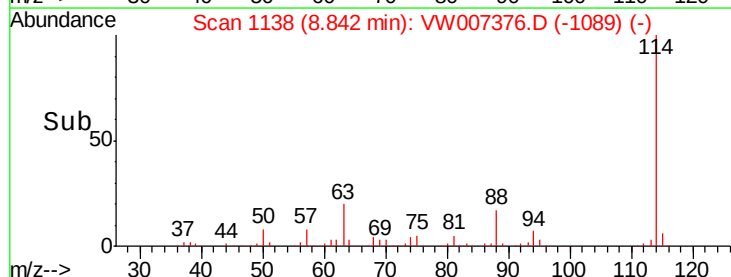
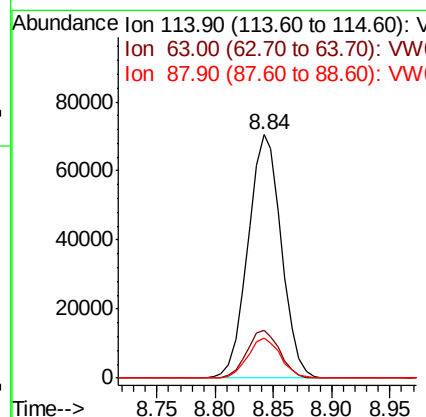
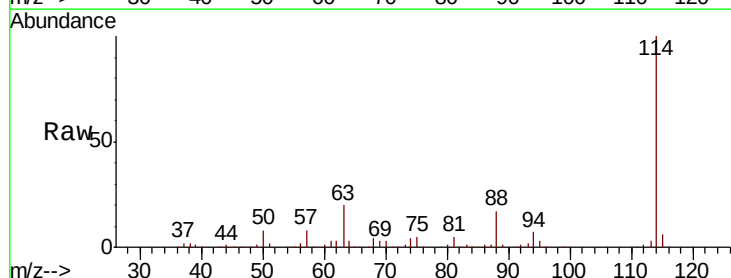
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

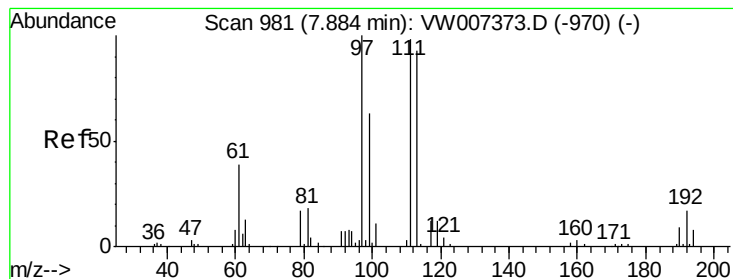
Tgt Ion: 65 Resp: 131935
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion: 114 Resp: 140531
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 152.568 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

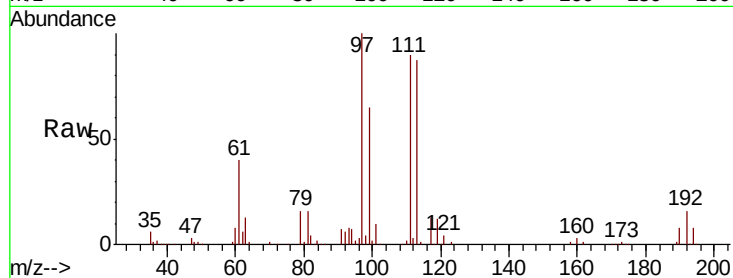
Tgt Ion:113 Resp: 124776

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

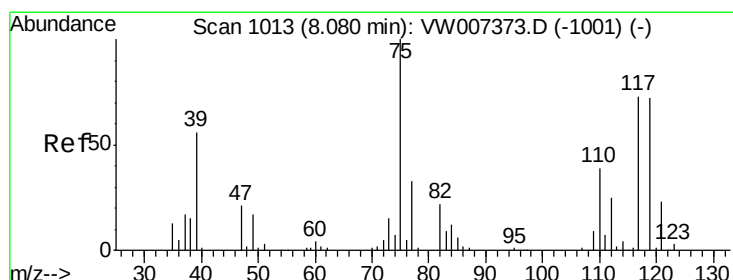
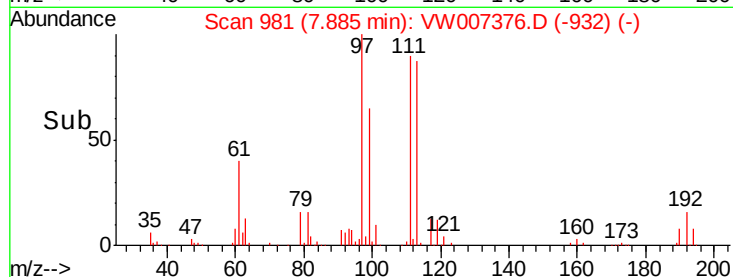
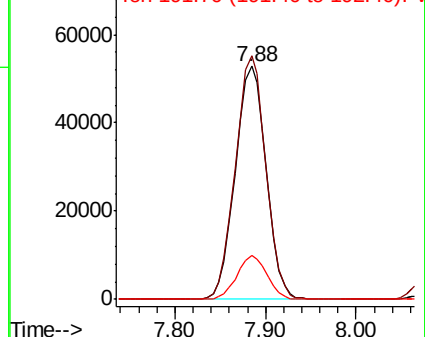
192 18.3 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 137.240 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

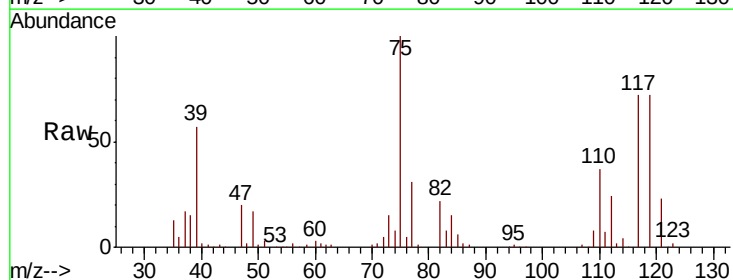
Tgt Ion: 75 Resp: 184696

Ion Ratio Lower Upper

75 100

110 36.7 18.5 55.5

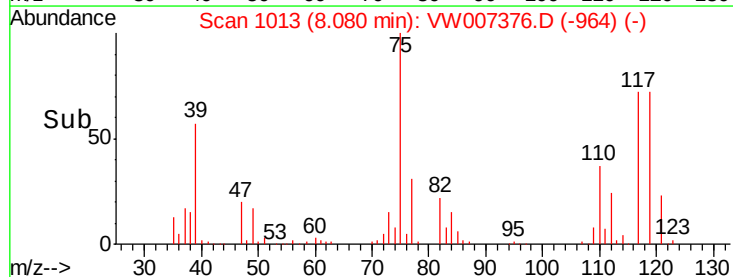
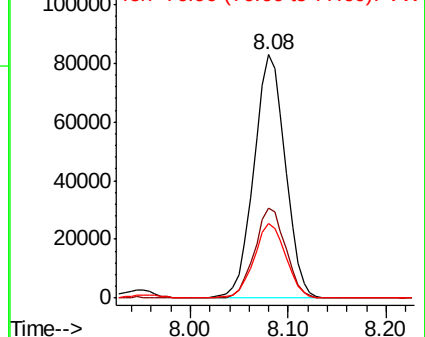
77 31.2 25.6 38.4

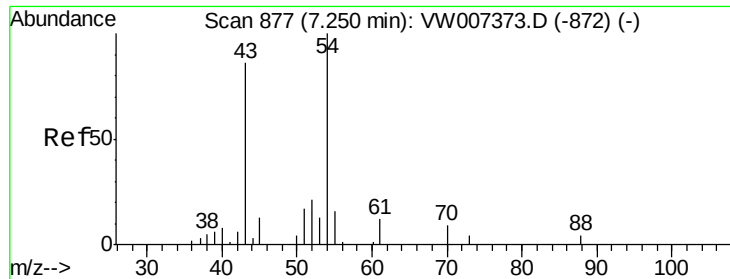


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

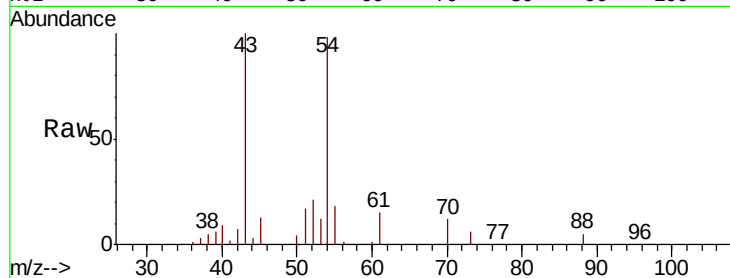




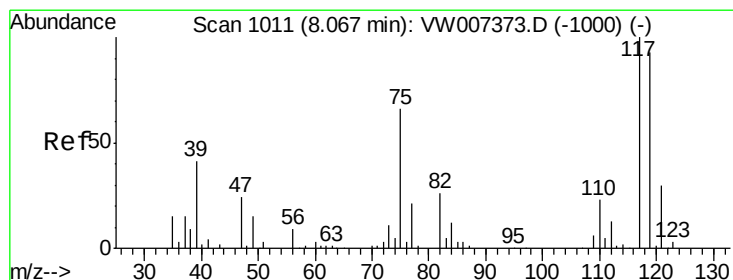
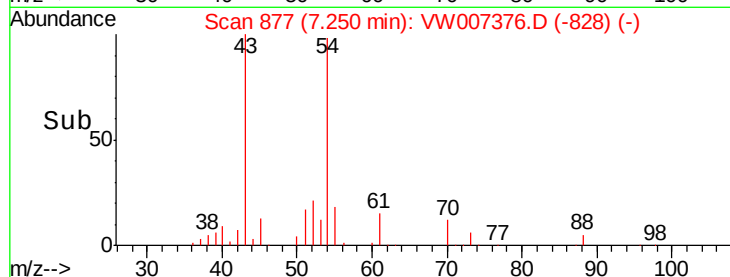
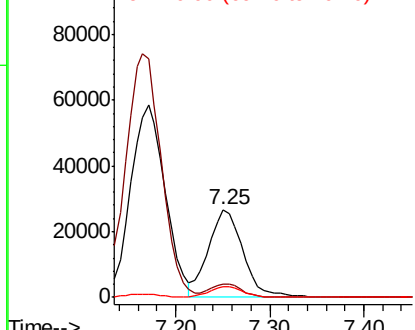
#37
Ethyl Acetate
Concen: 139.557 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 67975
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 12.1 10.0 15.0

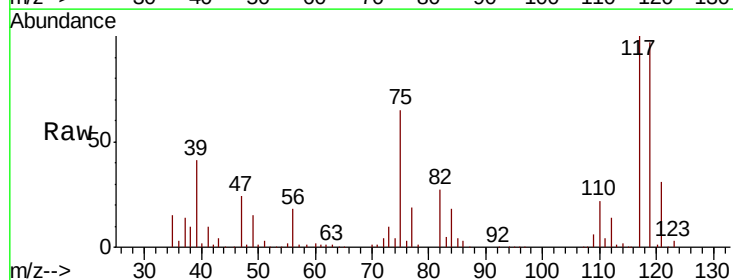


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

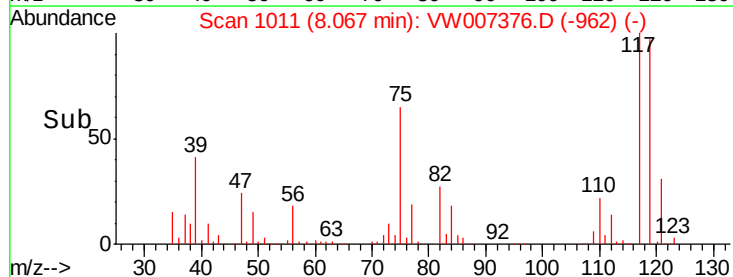
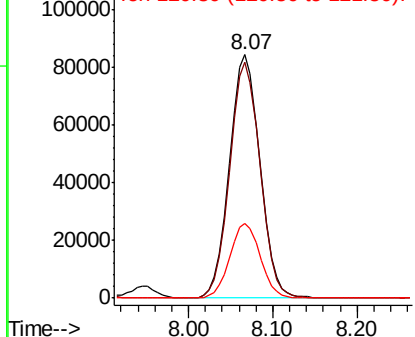


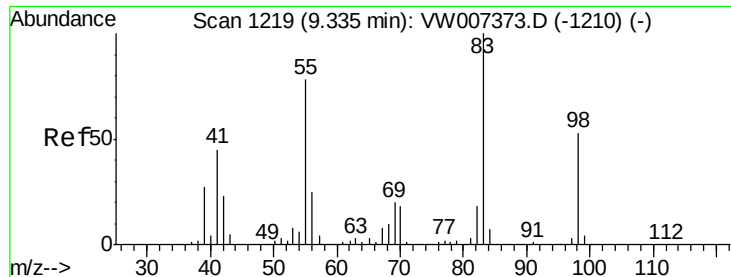
#38
Carbon Tetrachloride
Concen: 147.831 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 117 Resp: 206351
Ion Ratio Lower Upper
117 100
119 96.9 74.3 111.5
121 30.8 24.3 36.5



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

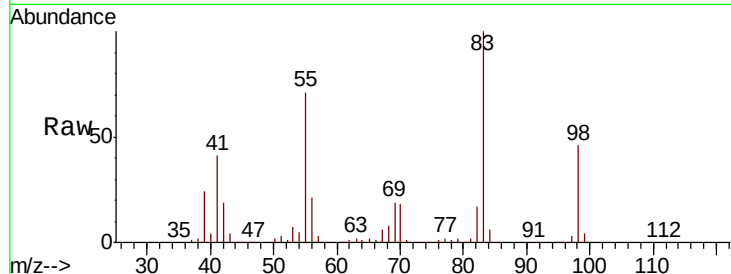




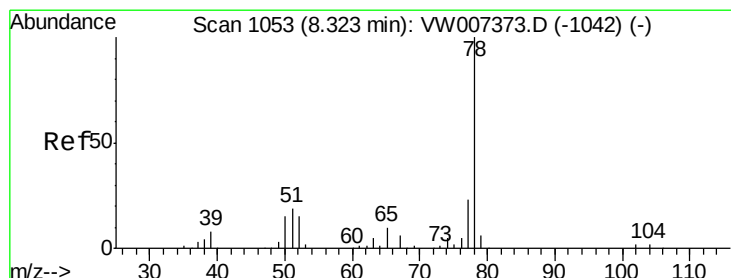
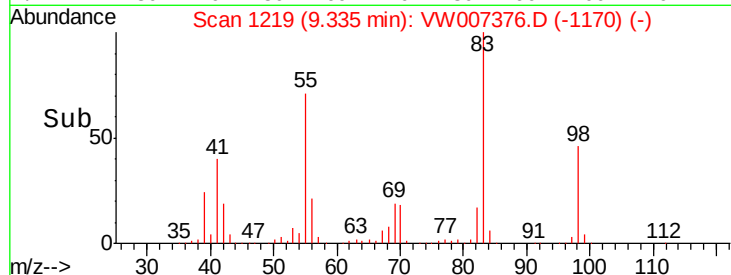
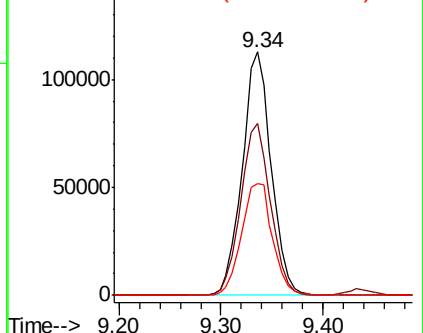
#39
Methylcyclohexane
Concen: 125.046 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 222821
Ion Ratio Lower Upper
83 100
55 70.7 62.8 94.2
98 46.1 42.2 63.2

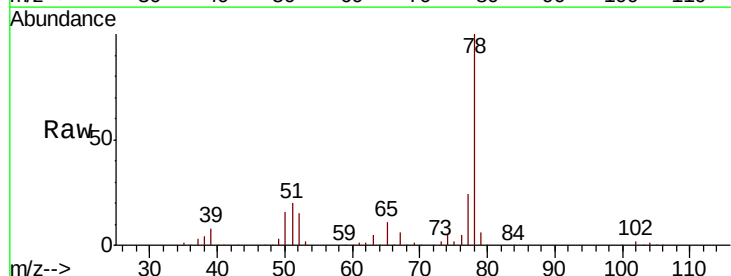


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

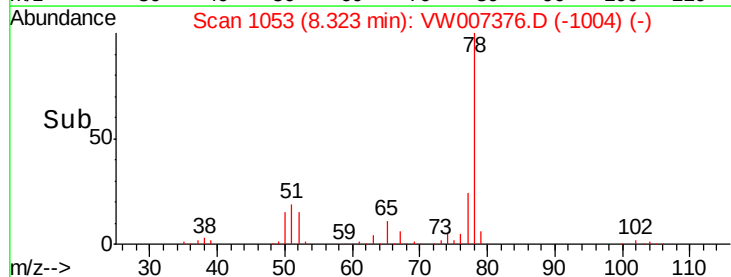
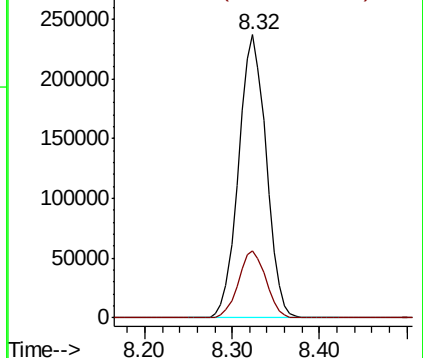


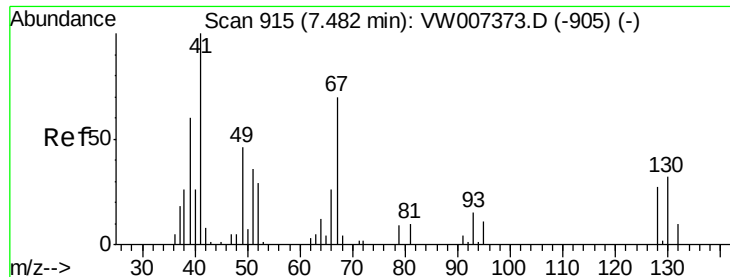
#40
Benzene
Concen: 139.495 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 78 Resp: 518541
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

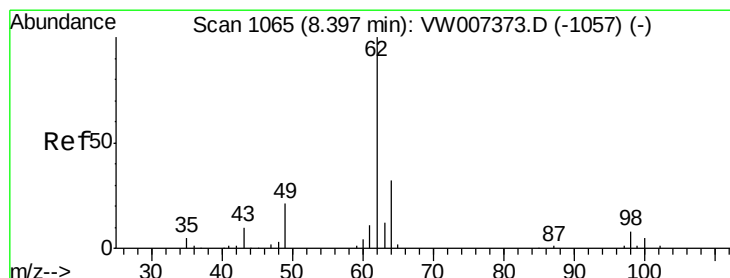
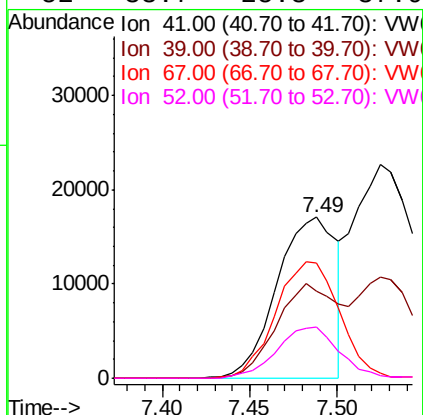
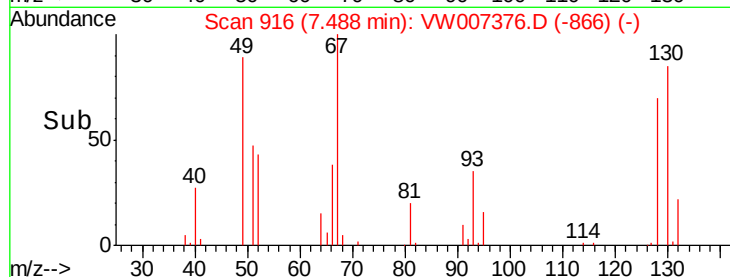
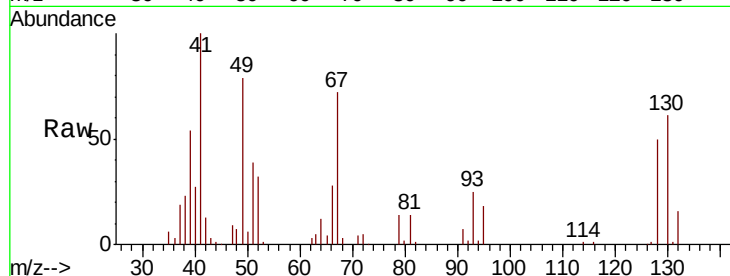




#41
Methacrylonitrile
Concen: 139.468 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

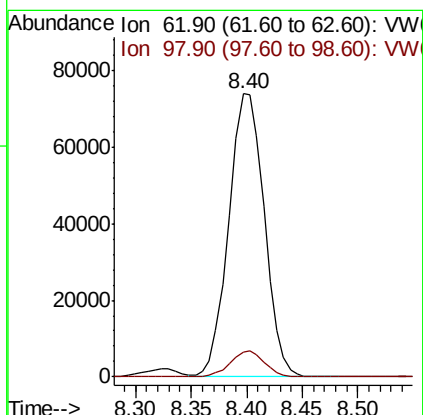
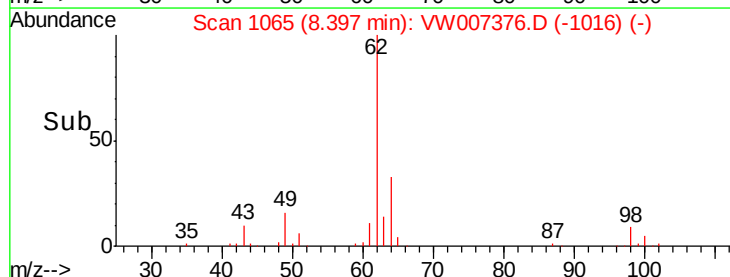
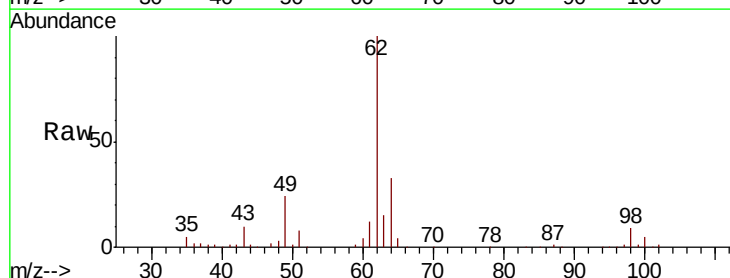
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

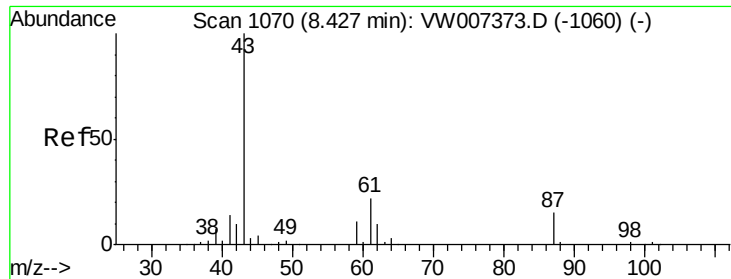
Tgt Ion: 41 Resp: 40531
Ion Ratio Lower Upper
41 100
39 63.9 52.2 78.2
67 77.7 60.5 90.7
52 33.7 25.3 37.9



#42
1,2-Dichloroethane
Concen: 153.816 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 62 Resp: 163634
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 145.873 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

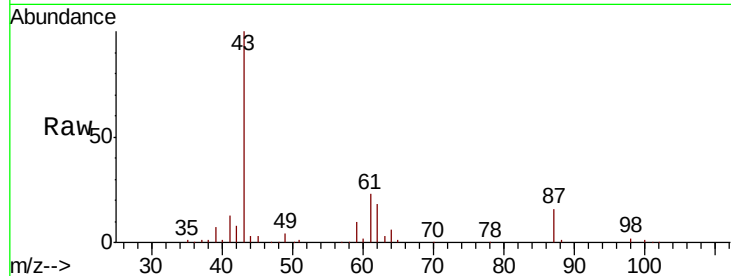
Tgt Ion: 43 Resp: 139178

Ion Ratio Lower Upper

43 100

61 32.1 25.3 37.9

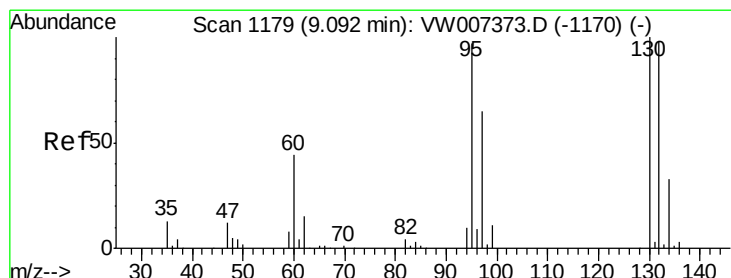
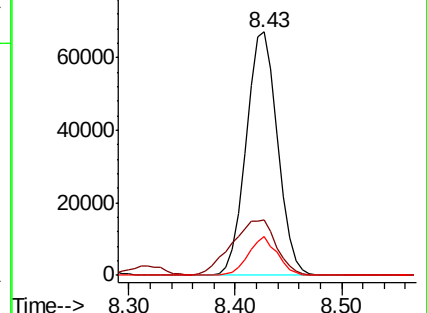
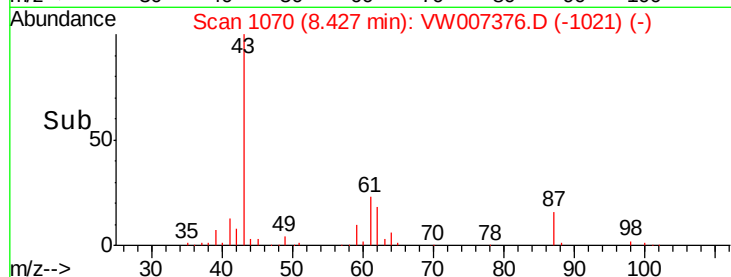
87 14.7 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 143.854 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007376.D

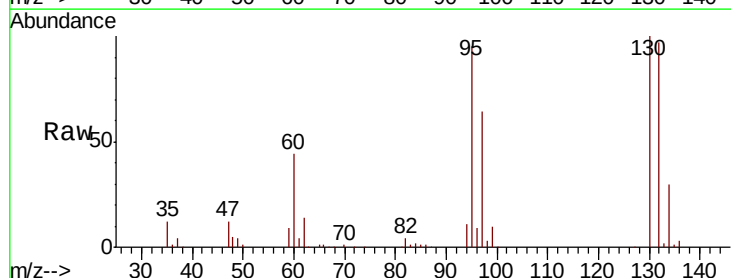
Acq: 11 Dec 2018 01:23

Tgt Ion: 130 Resp: 149742

Ion Ratio Lower Upper

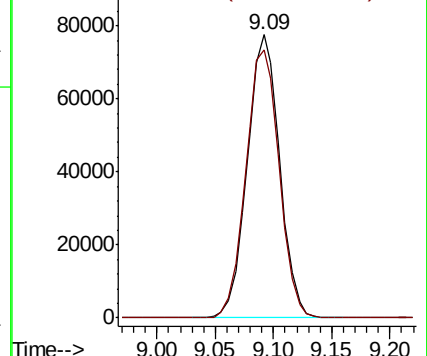
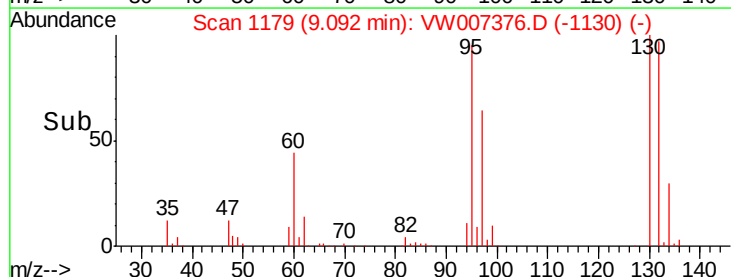
130 100

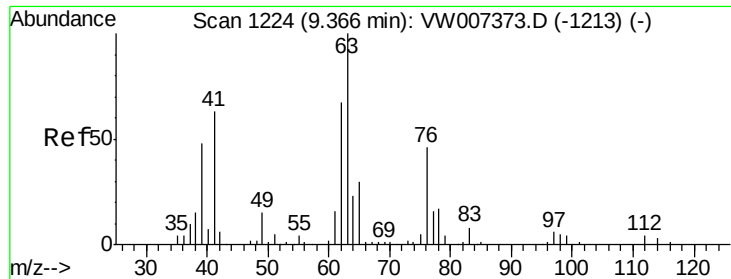
95 94.6 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

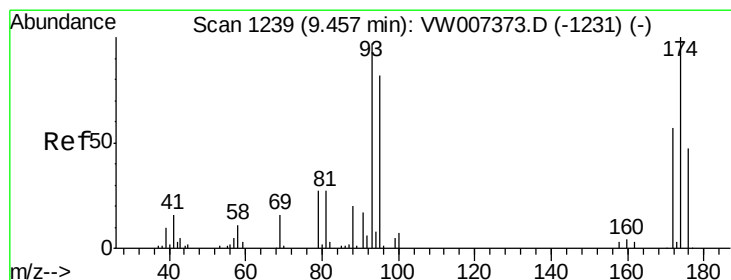
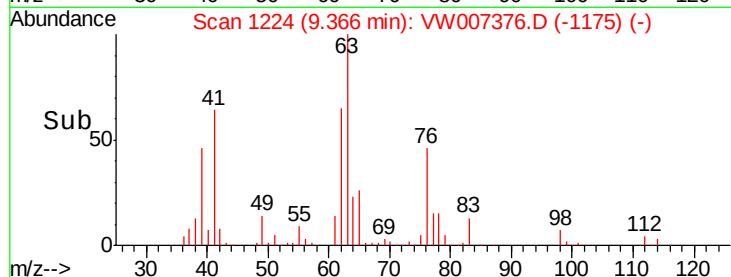
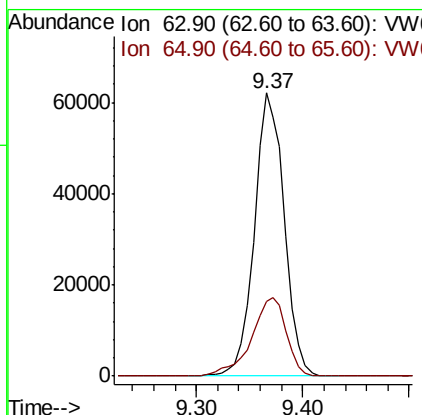
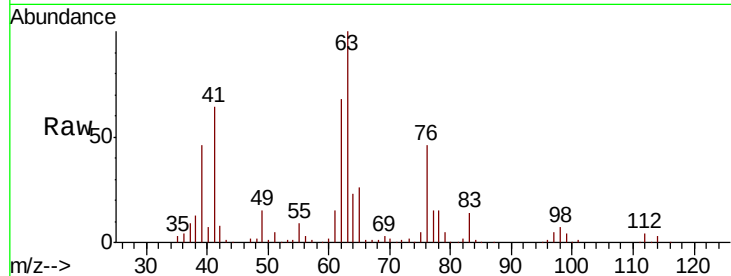




#45
 1,2-Dichloropropane
 Concen: 140.817 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

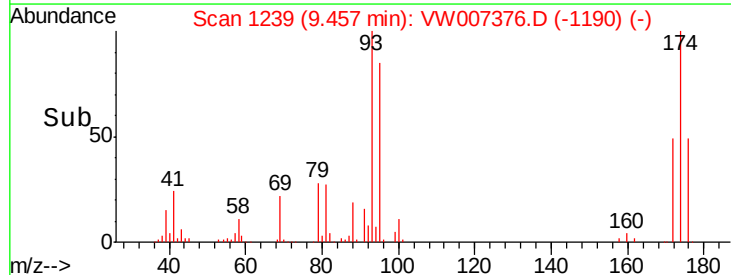
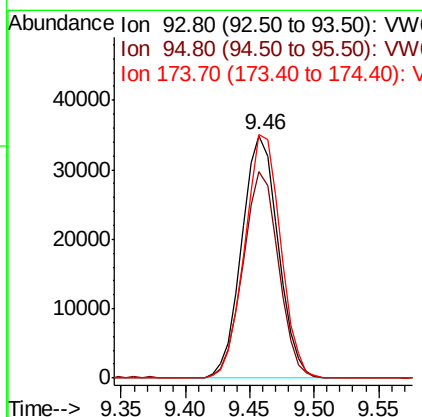
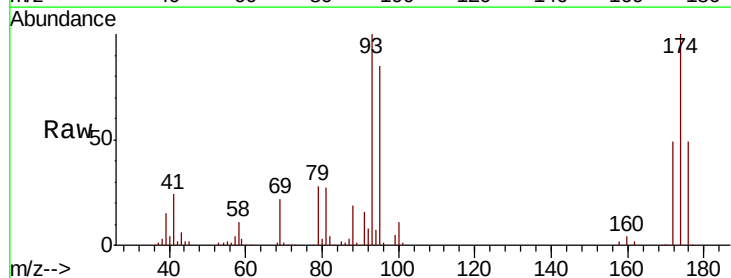
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

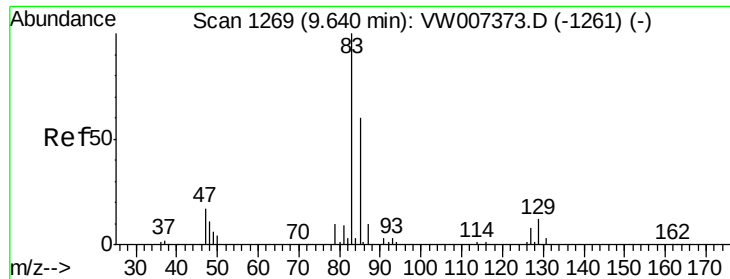
Tgt Ion: 63 Resp: 121936
 Ion Ratio Lower Upper
 63 100
 65 26.3 24.4 36.6



#46
 Dibromomethane
 Concen: 149.228 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion: 93 Resp: 68125
 Ion Ratio Lower Upper
 93 100
 95 83.0 68.0 102.0
 174 99.2 83.2 124.8

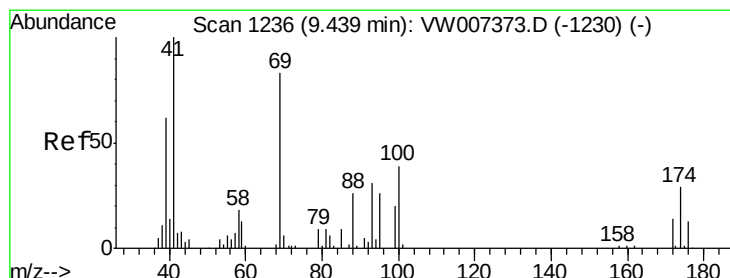
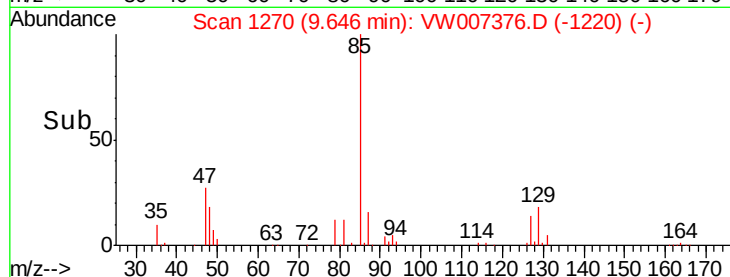
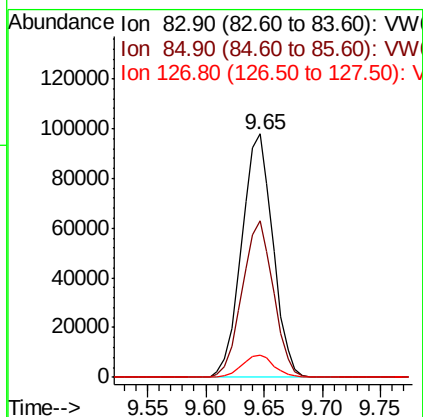
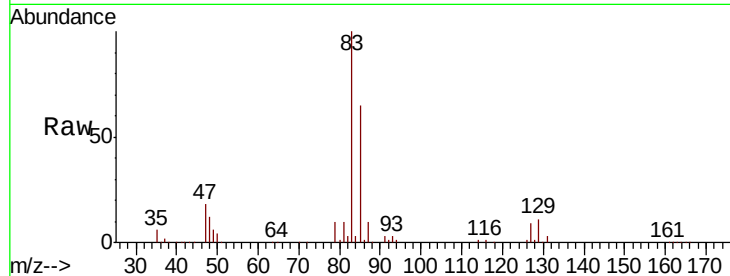




#47
Bromodichloromethane
Concen: 152.581 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

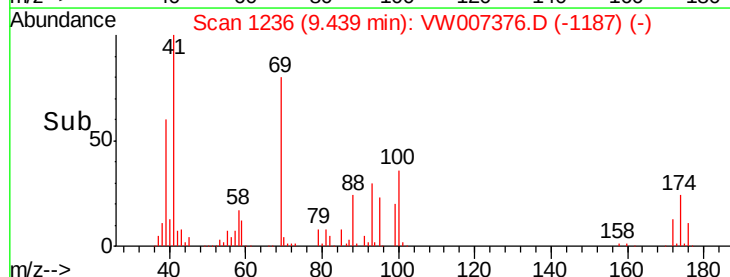
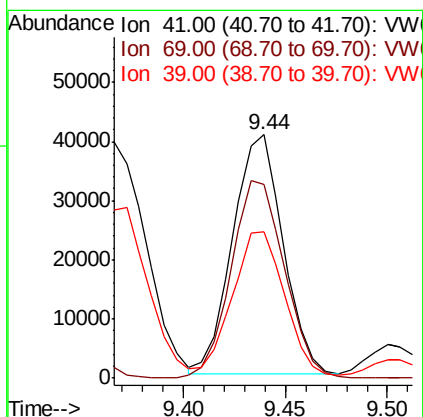
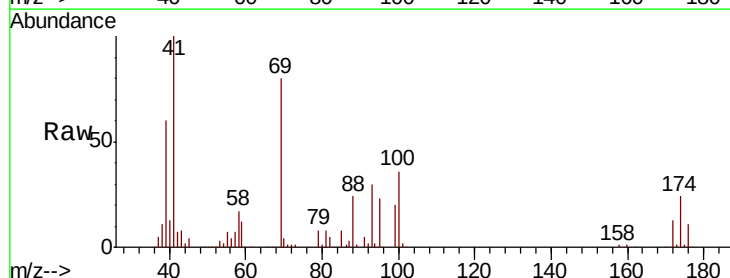
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

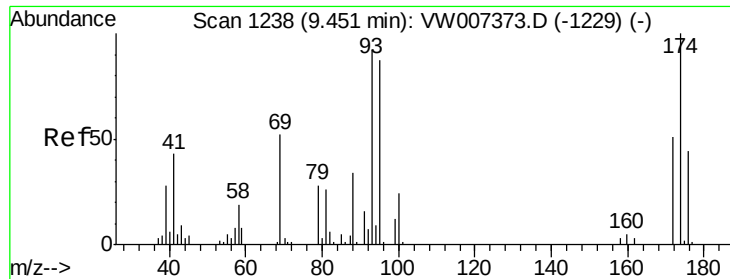
Tgt Ion: 83 Resp: 183398
Ion Ratio Lower Upper
83 100
85 64.6 47.6 71.4
127 8.9 6.7 10.1



#48
Methyl methacrylate
Concen: 140.470 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 41 Resp: 68901
Ion Ratio Lower Upper
41 100
69 88.6 69.8 104.8
39 62.8 50.9 76.3

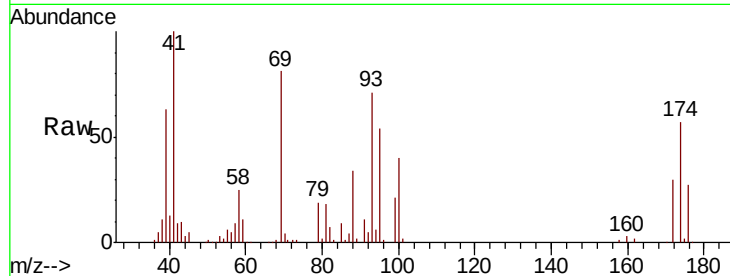




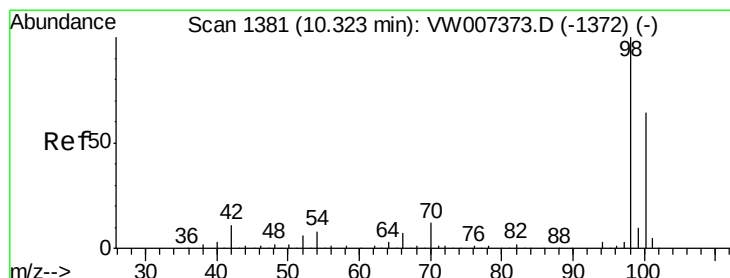
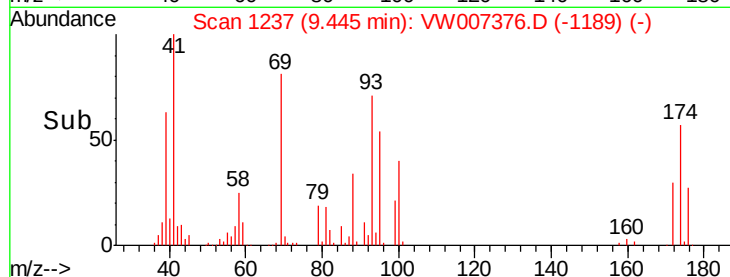
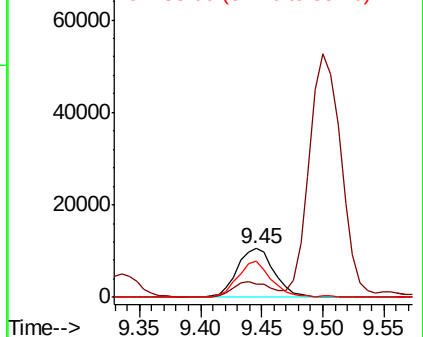
#49
 1,4-Dioxane
 Concen: 2829.572 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 22212
 Ion Ratio Lower Upper
 88 100
 43 31.9 25.0 37.4
 58 67.0 51.4 77.2

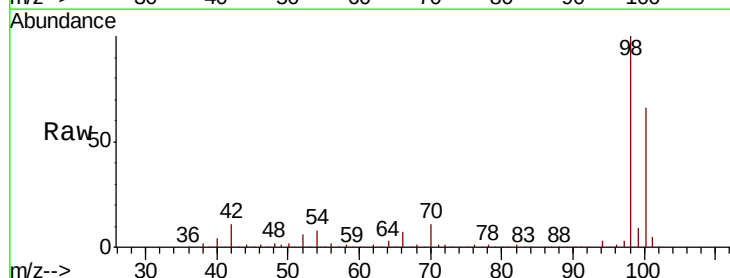


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

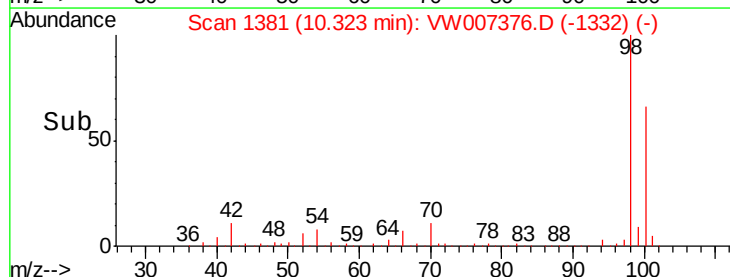
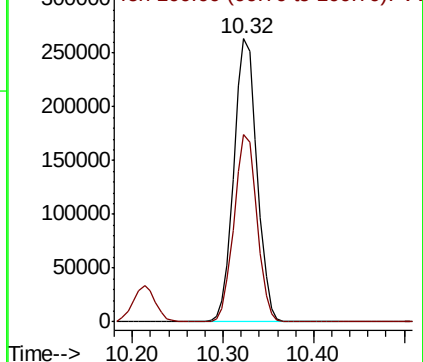


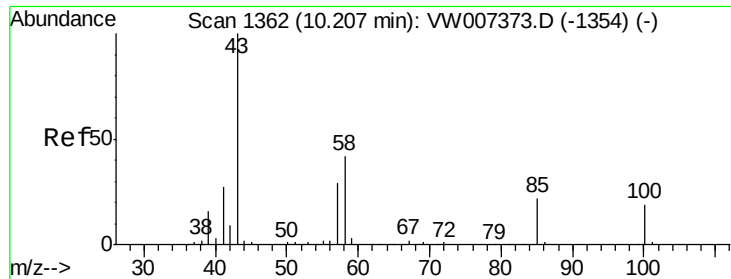
#50
 Toluene-d8
 Concen: 132.608 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion: 98 Resp: 464651
 Ion Ratio Lower Upper
 98 100
 100 65.9 51.8 77.8



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

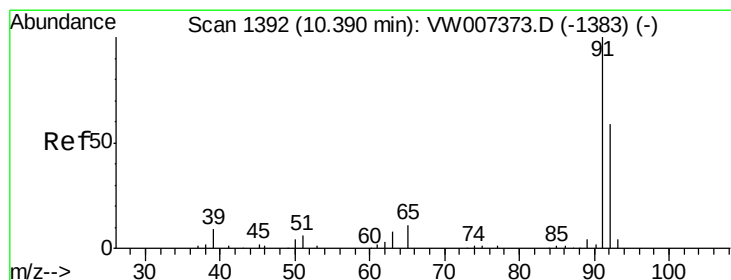
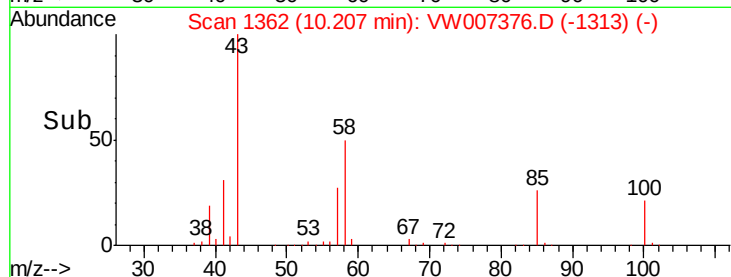
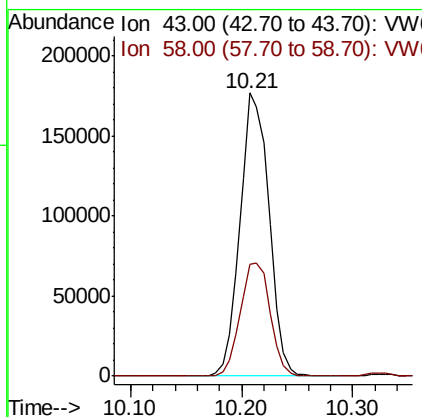
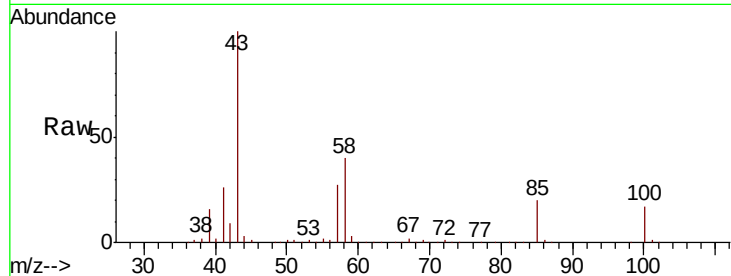




#51
 4-Methyl-2-Pentanone
 Concen: 687.896 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

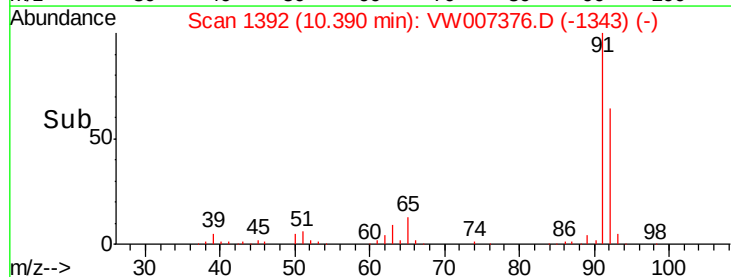
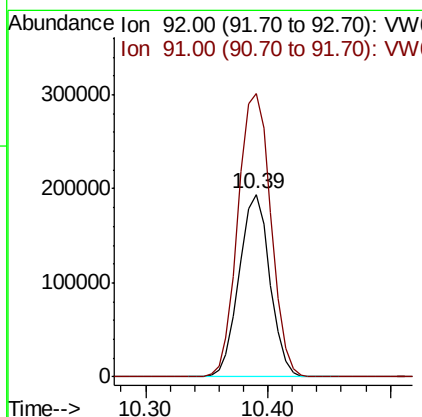
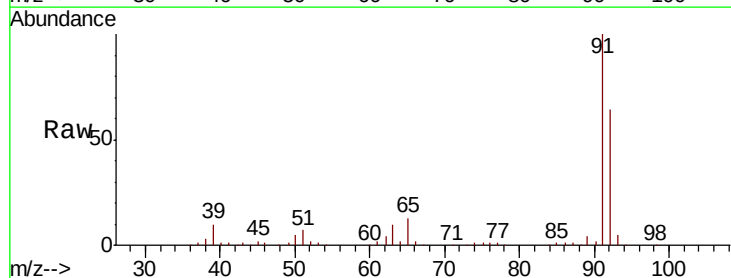
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

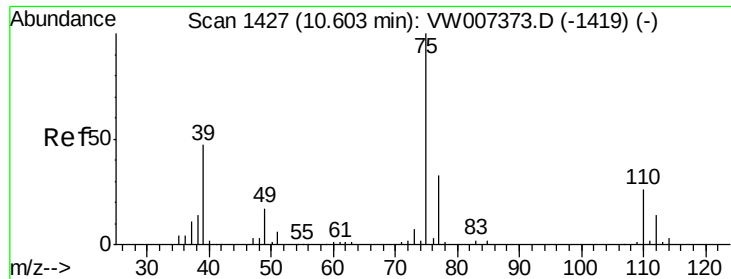
Tgt Ion: 43 Resp: 319355
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.1 49.7



#52
 Toluene
 Concen: 132.655 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion: 92 Resp: 339789
 Ion Ratio Lower Upper
 92 100
 91 165.4 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 148.929 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

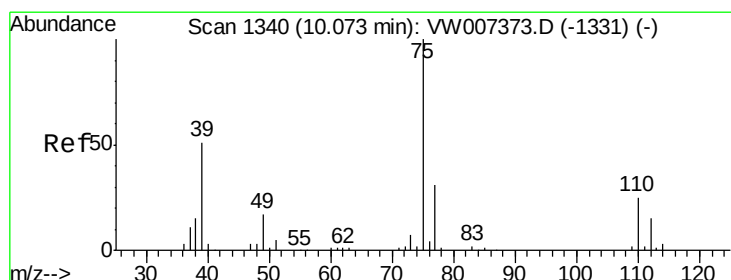
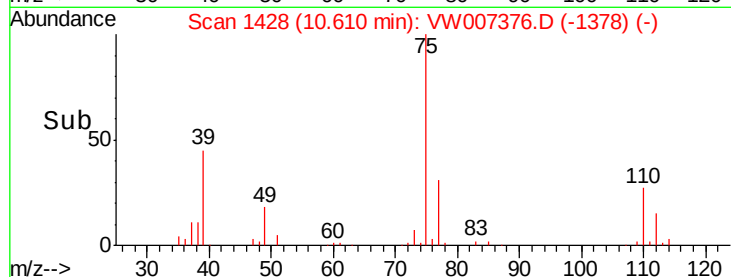
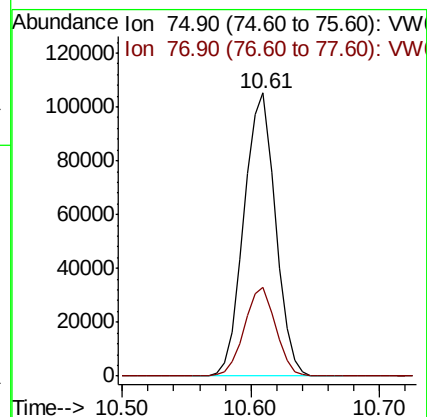
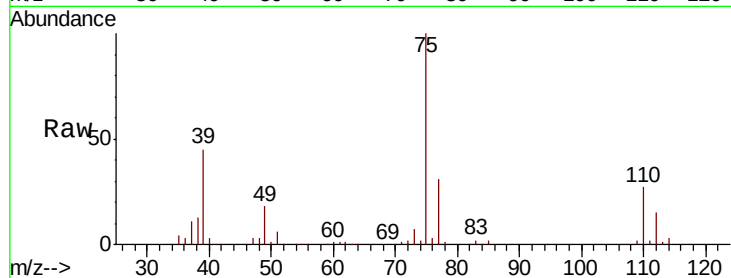
VSTDIC150

Tgt Ion: 75 Resp: 177530

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 146.696 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

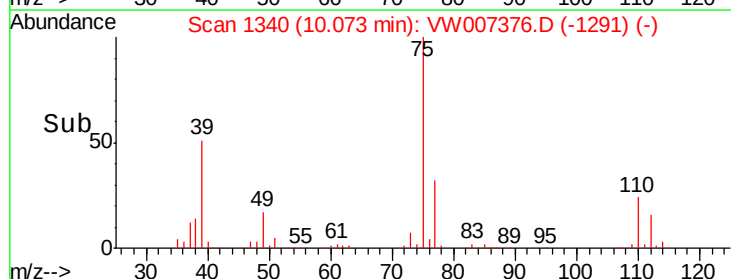
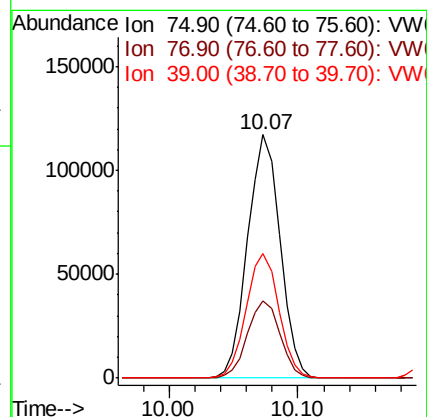
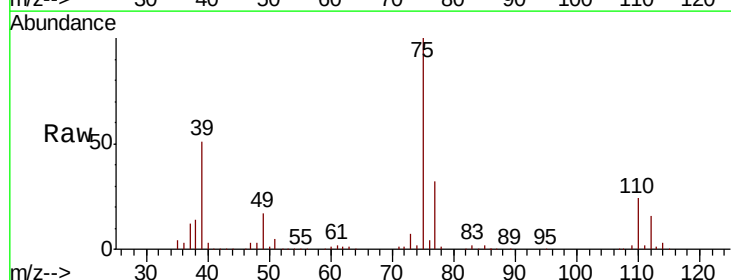
Tgt Ion: 75 Resp: 204494

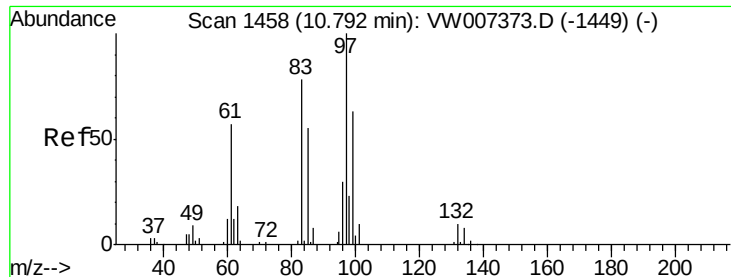
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 51.1 40.9 61.3

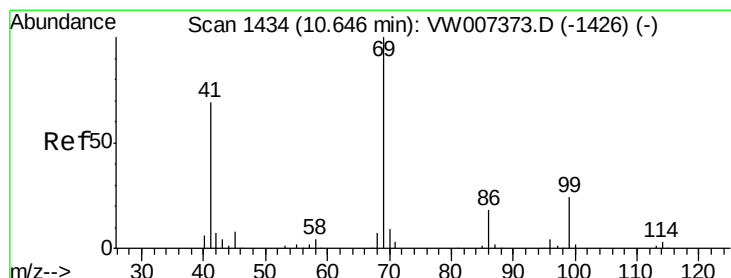
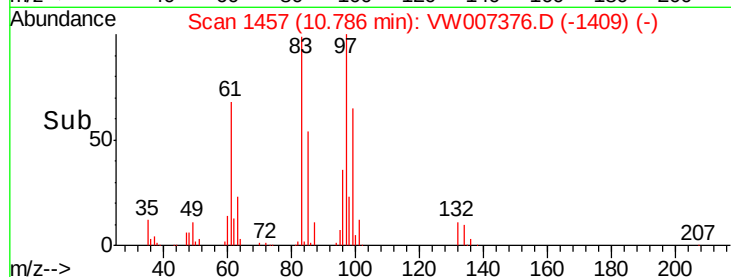
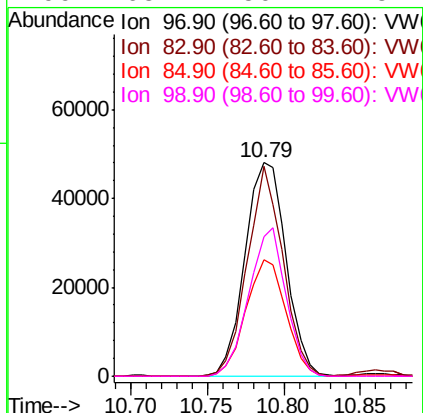
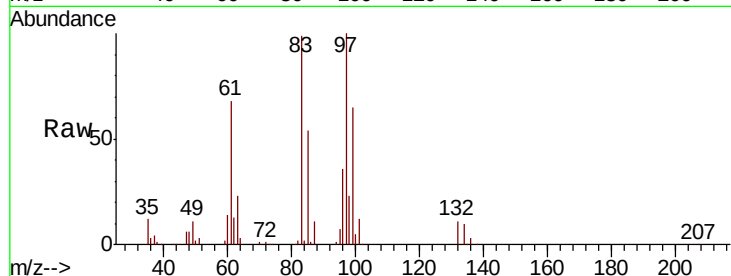




#55
 1,1,2-Trichloroethane
 Concen: 139.588 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

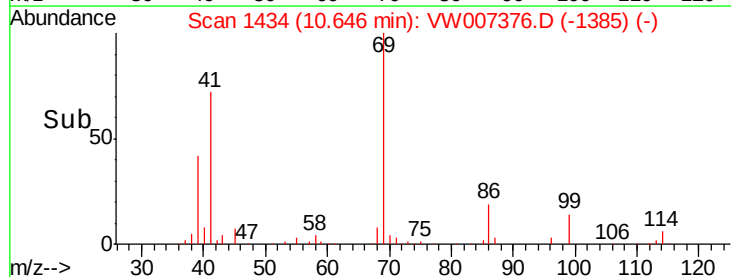
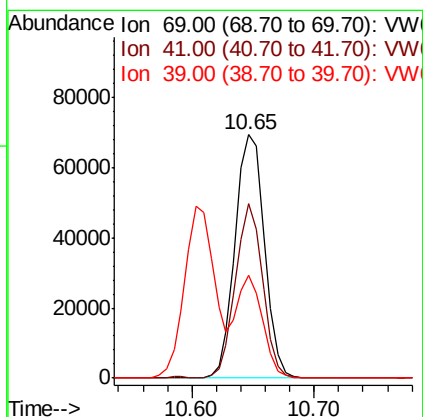
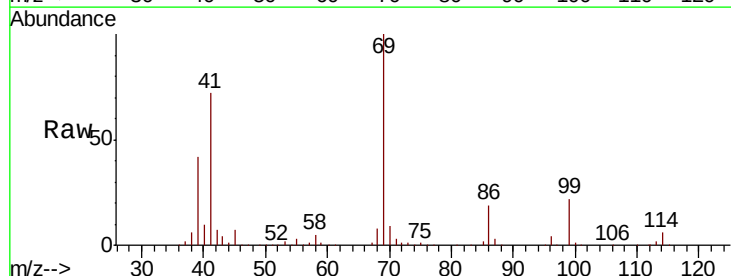
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

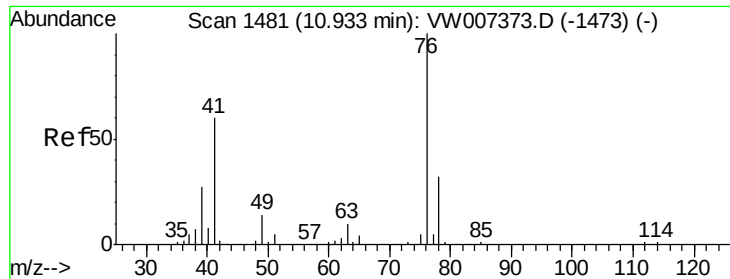
Tgt Ion:	97	Resp:	89906
Ion	Ratio	Lower	Upper
97	100		
83	98.5	62.1	93.1#
85	54.4	44.2	66.4
99	65.1	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 139.846 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion:	69	Resp:	115339
Ion	Ratio	Lower	Upper
69	100		
41	66.2	51.0	76.6
39	37.9	30.8	46.2

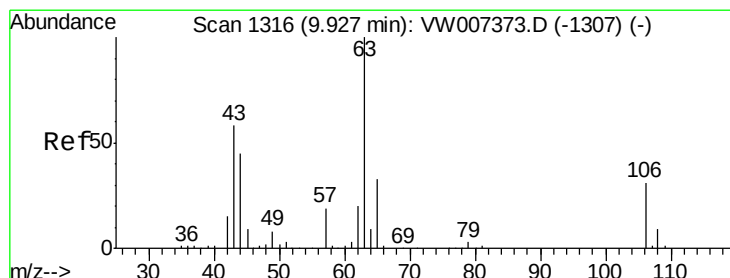
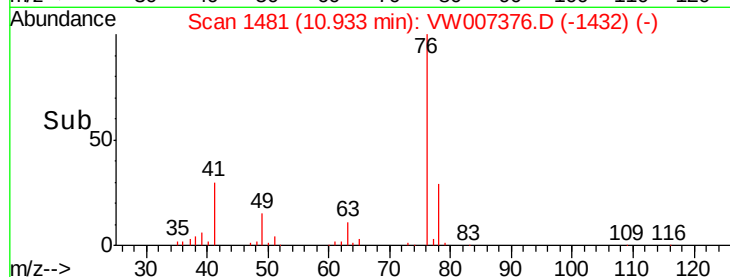
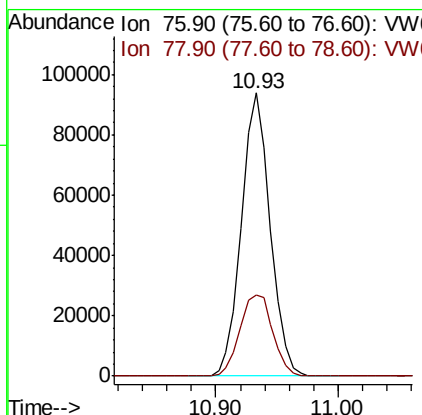
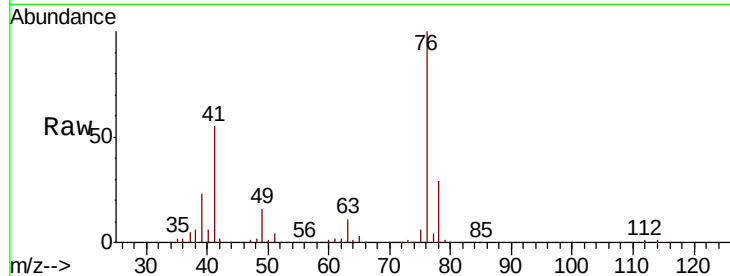




#57
 1,3-Dichloropropane
 Concen: 141.409 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

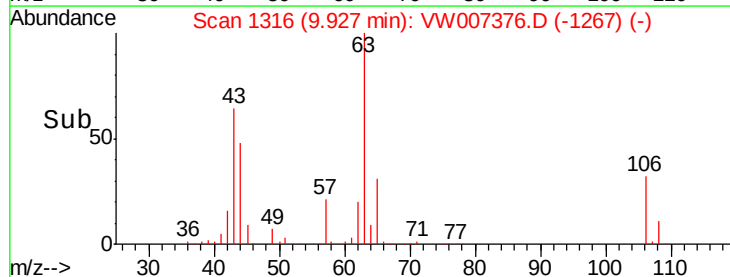
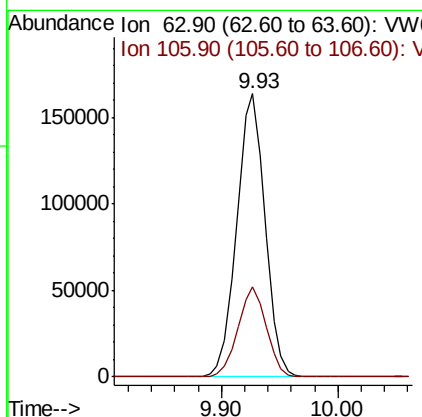
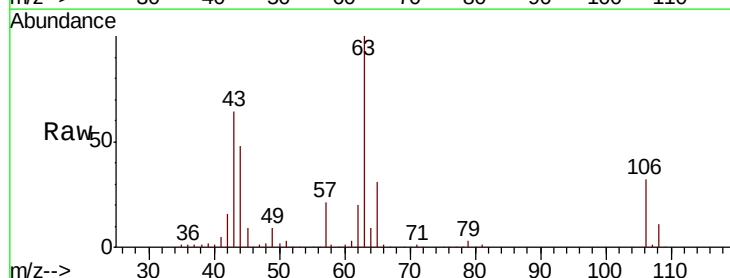
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

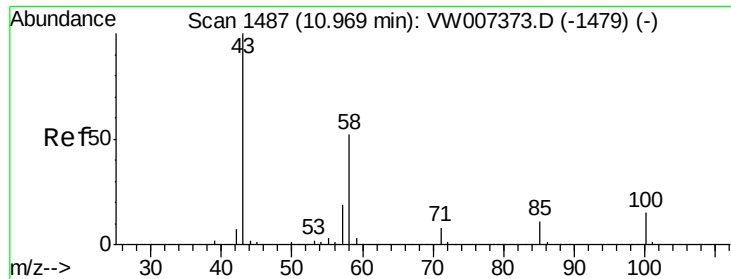
Tgt Ion: 76 Resp: 152721
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 800.520 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion: 63 Resp: 277287
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.0 37.6





#59

2-Hexanone

Concen: 655.193 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

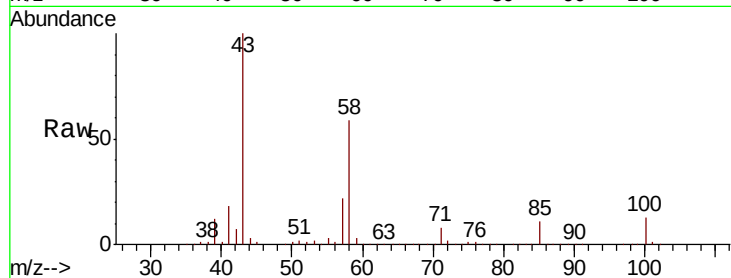
VSTDIC150

Tgt Ion: 43 Resp: 216642

Ion Ratio Lower Upper

43 100

58 57.4 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.97

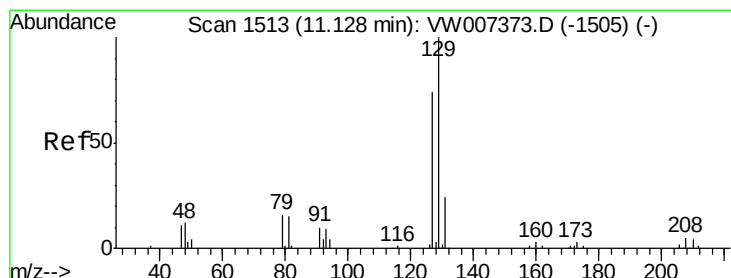
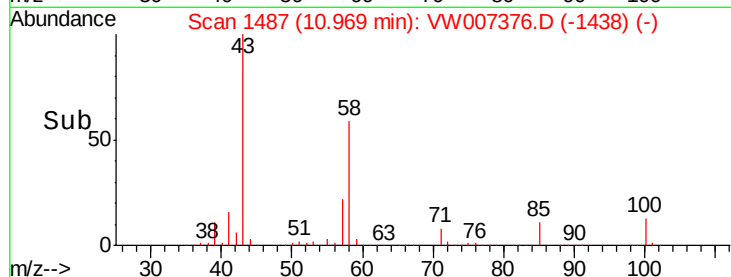
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 151.450 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW007376.D

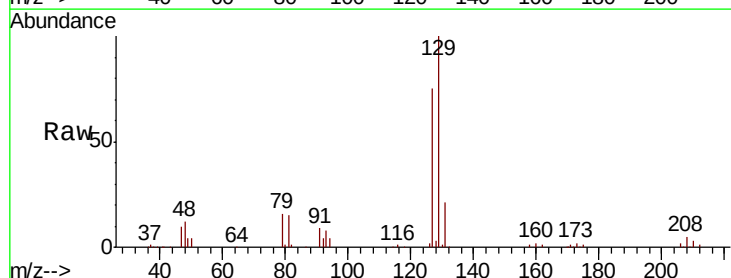
Acq: 11 Dec 2018 01:23

Tgt Ion: 129 Resp: 120571

Ion Ratio Lower Upper

129 100

127 77.7 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

80000

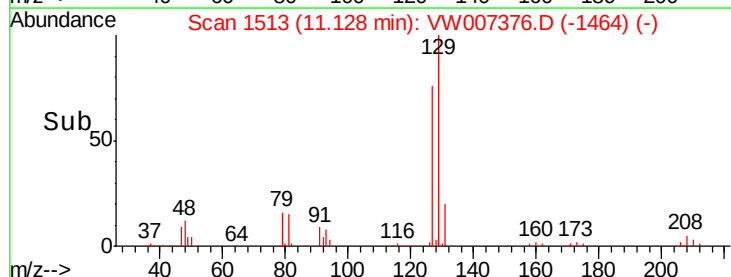
60000

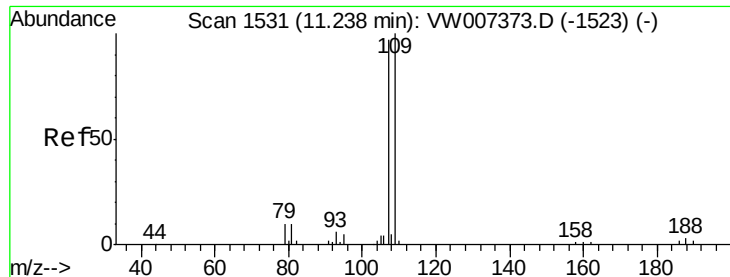
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 151.612 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

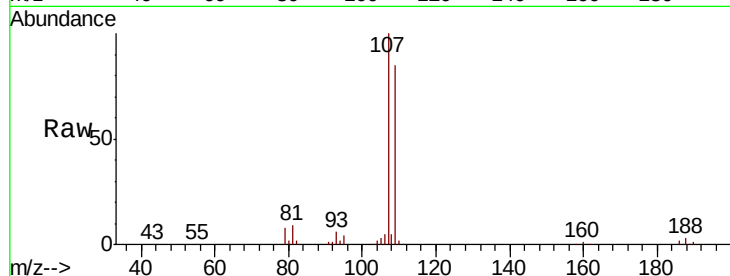
VSTDIC150

Tgt Ion: 107 Resp: 93039

Ion Ratio Lower Upper

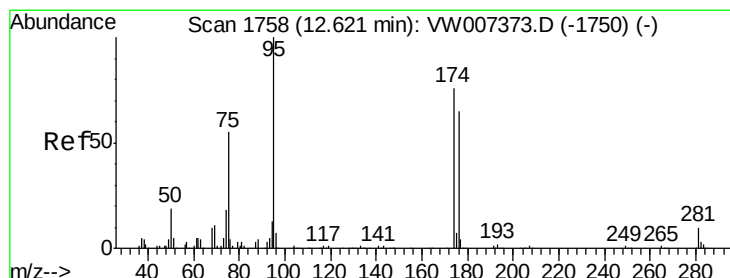
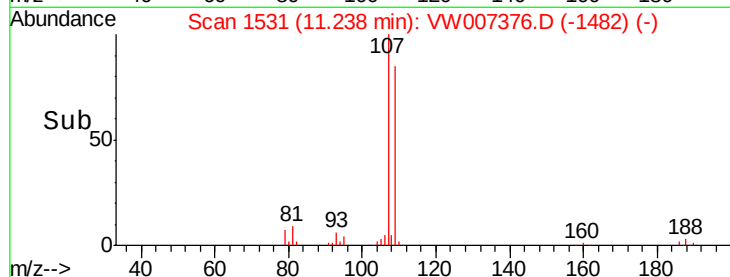
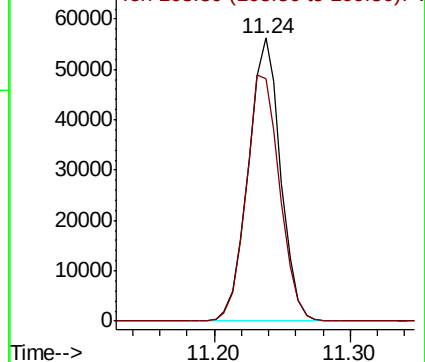
107 100

109 90.8 79.1 118.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 125.129 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

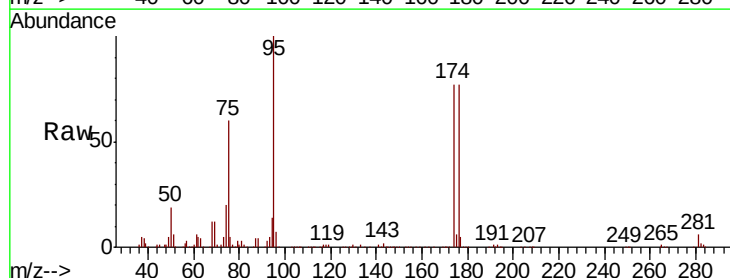
Tgt Ion: 95 Resp: 164325

Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.2

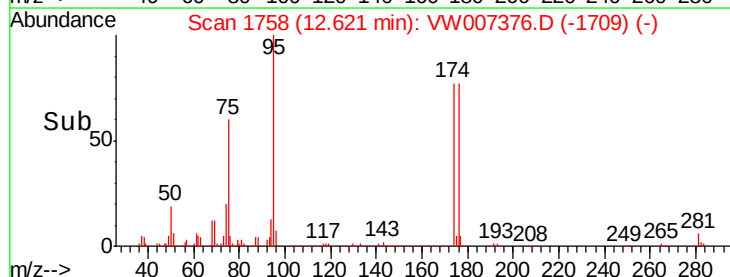
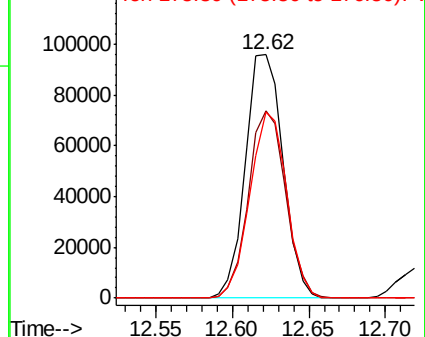
176 74.6 0.0 138.8

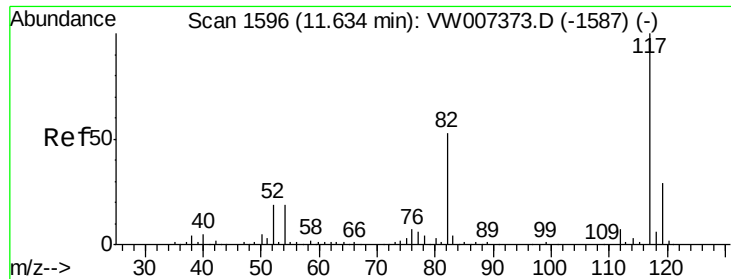


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

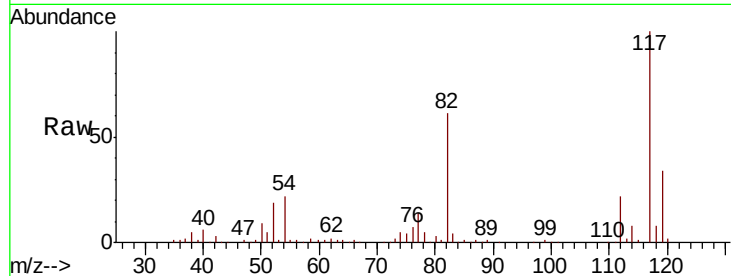




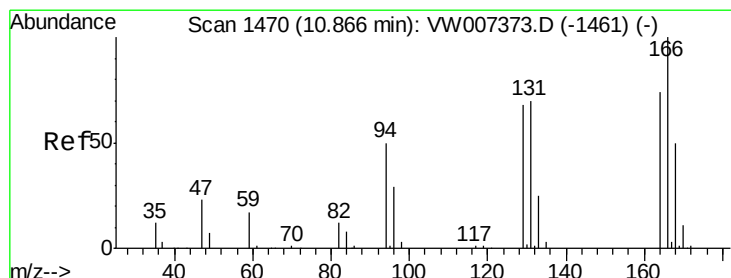
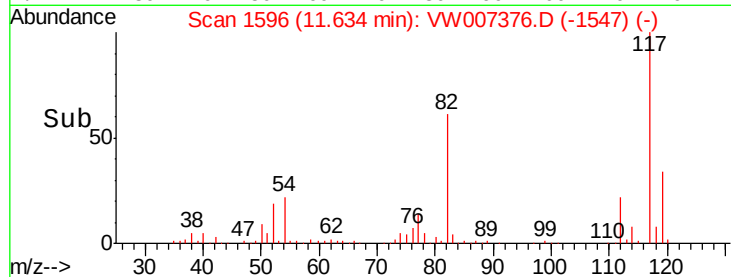
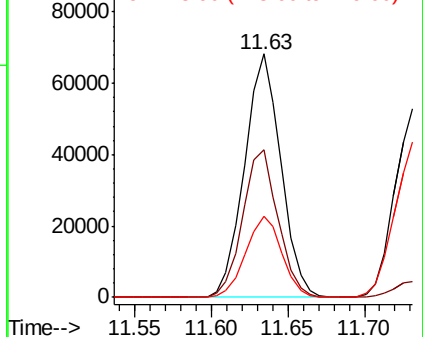
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 112846
Ion Ratio Lower Upper
117 100
82 60.9 42.3 63.5
119 33.5 23.0 34.6

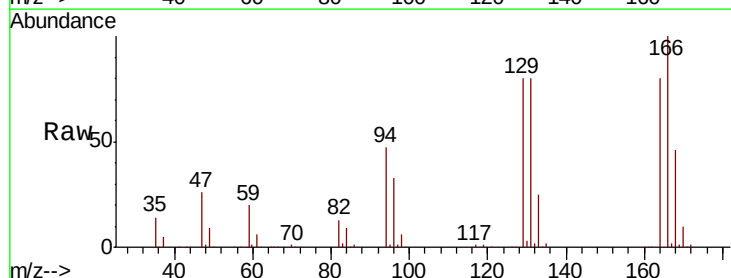


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

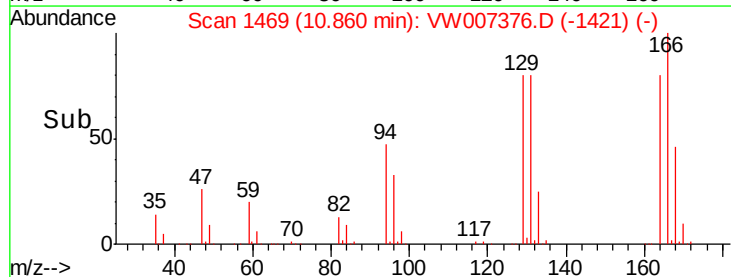
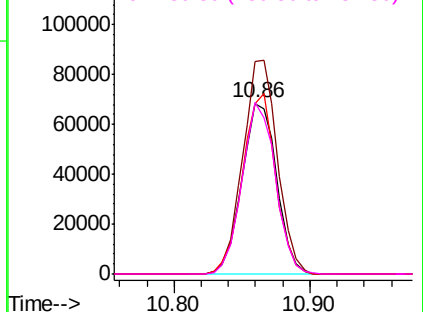


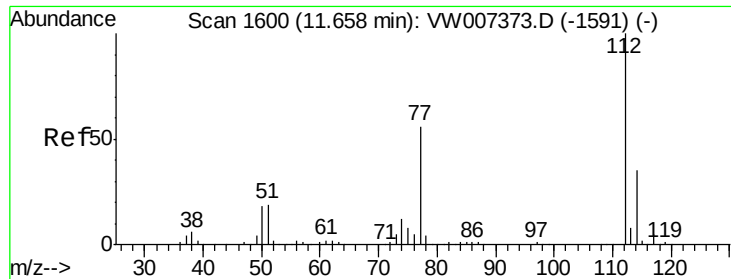
#64
Tetrachloroethene
Concen: 150.692 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion:164 Resp: 122146
Ion Ratio Lower Upper
164 100
166 124.9 107.9 161.9
129 100.0 73.4 110.2
131 100.5 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

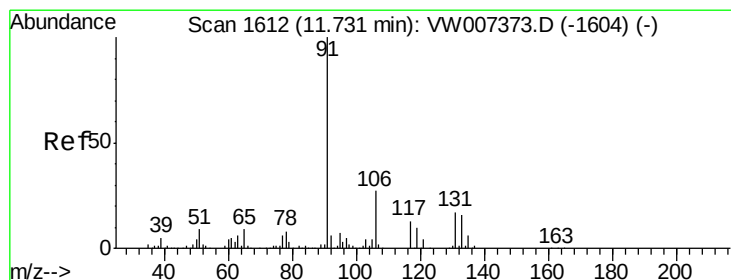
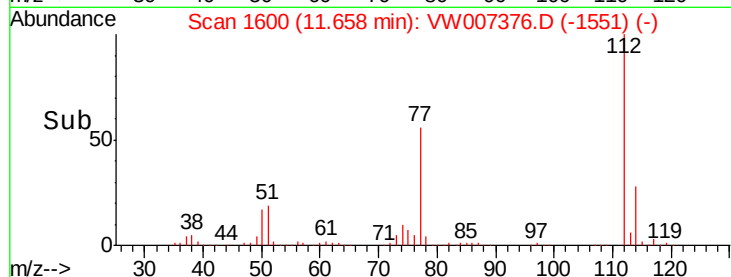
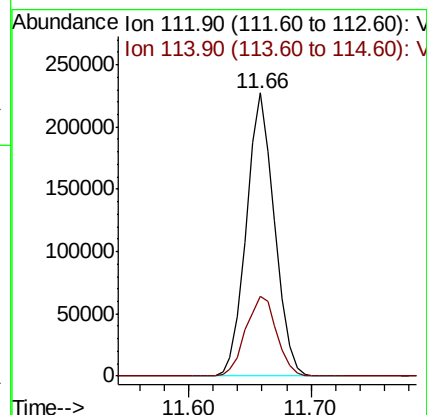
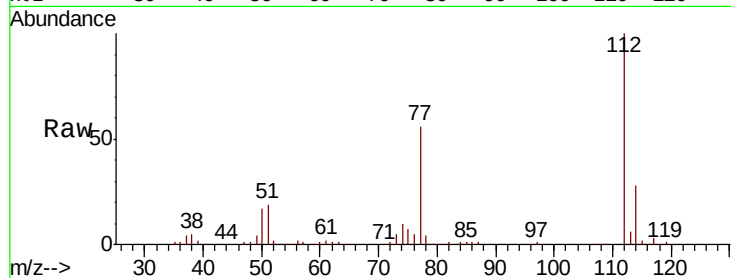




#65
Chlorobenzene
Concen: 146.721 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

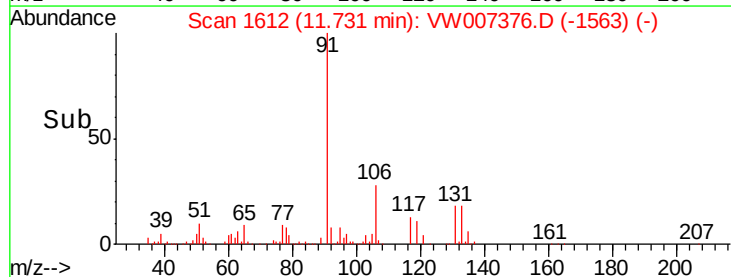
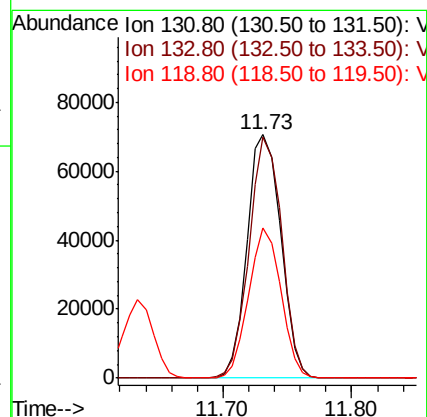
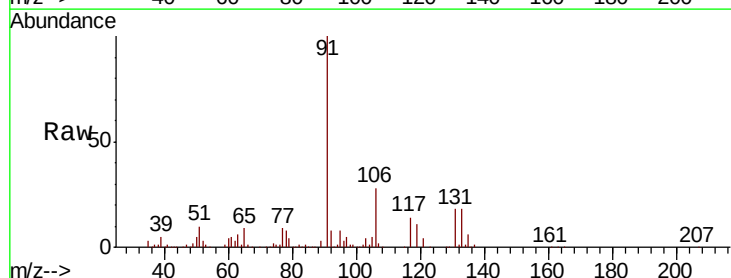
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

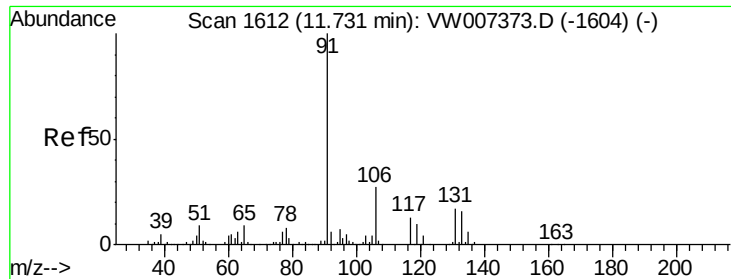
Tgt Ion:112 Resp: 362148
Ion Ratio Lower Upper
112 100
114 28.0 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 163.553 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion:131 Resp: 127440
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 59.4 31.3 93.9

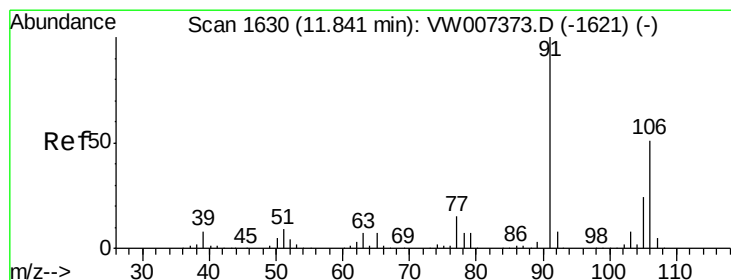
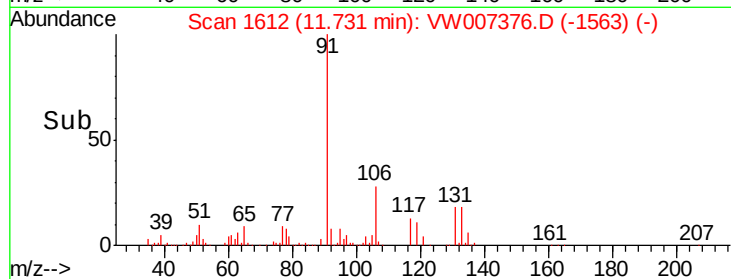
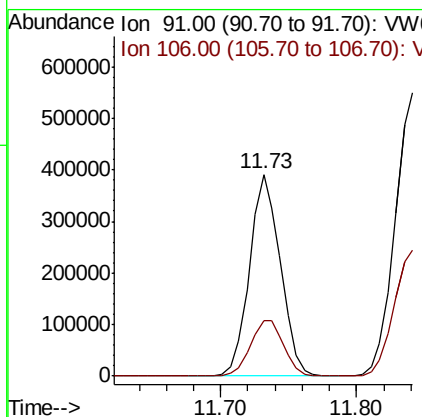
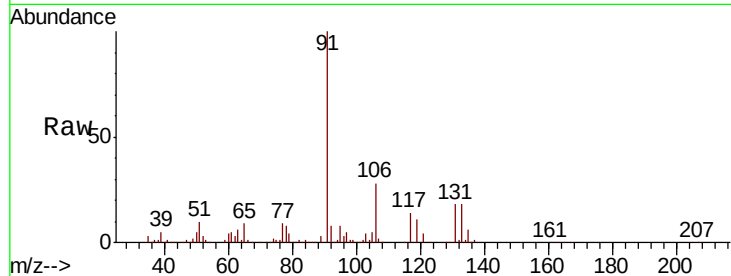




#67
Ethyl Benzene
Concen: 138.278 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

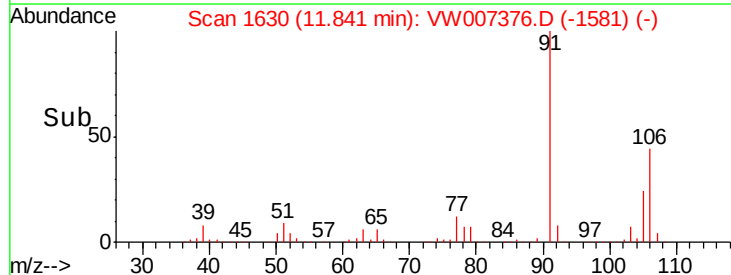
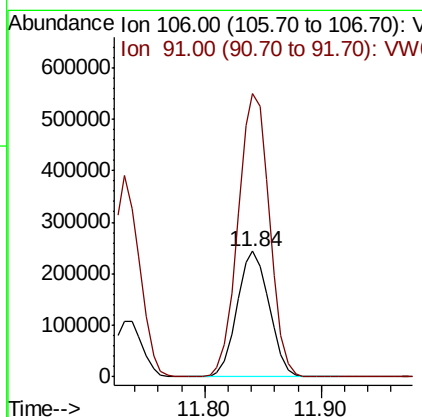
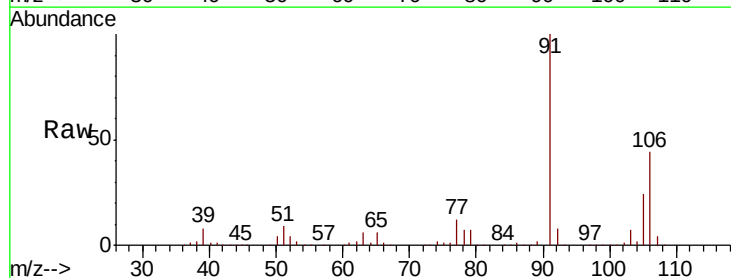
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

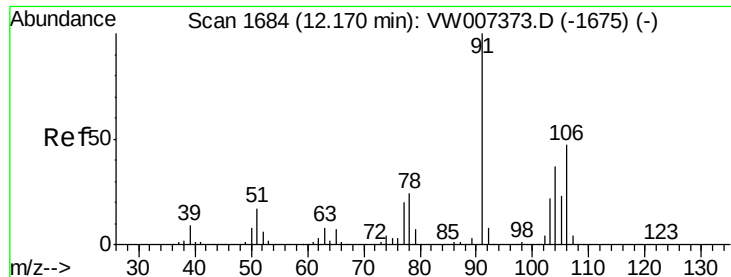
Tgt Ion: 91 Resp: 620807
Ion Ratio Lower Upper
91 100
106 27.6 21.8 32.8



#68
m/p-Xylenes
Concen: 266.434 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion: 106 Resp: 466372
Ion Ratio Lower Upper
106 100
91 220.9 165.3 247.9

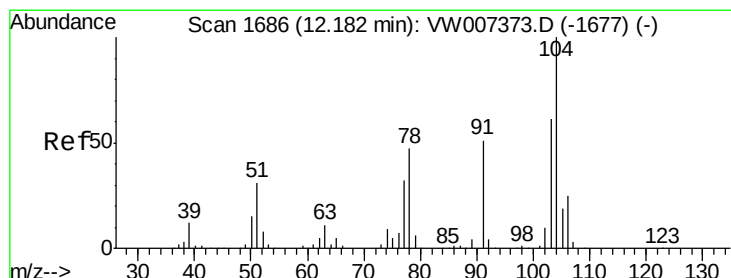
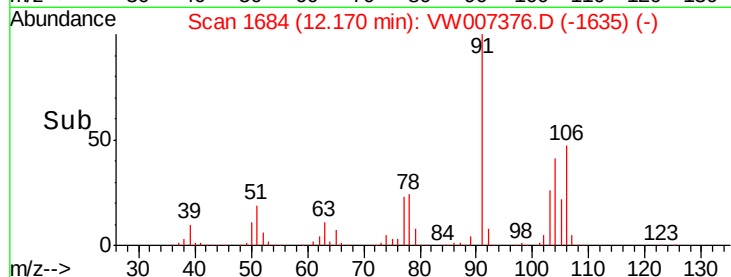
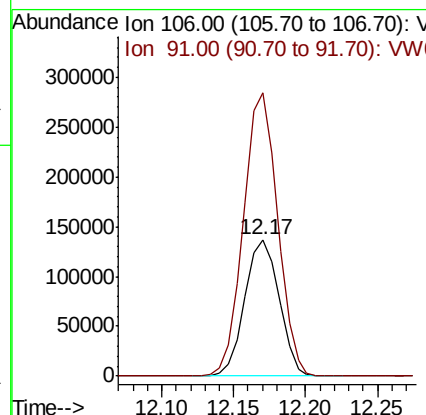
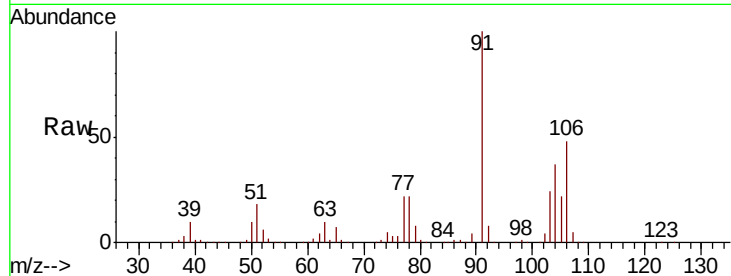




#69
o-Xylene
Concen: 136.947 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

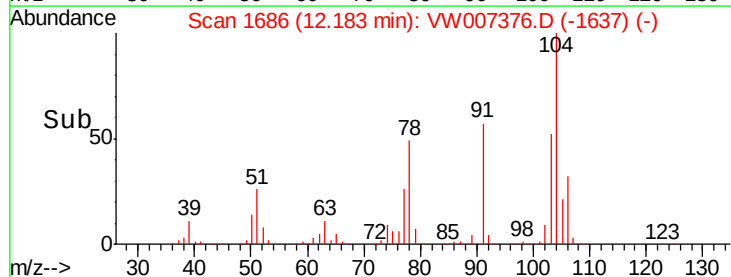
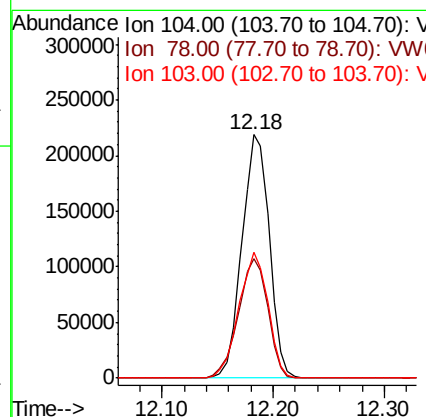
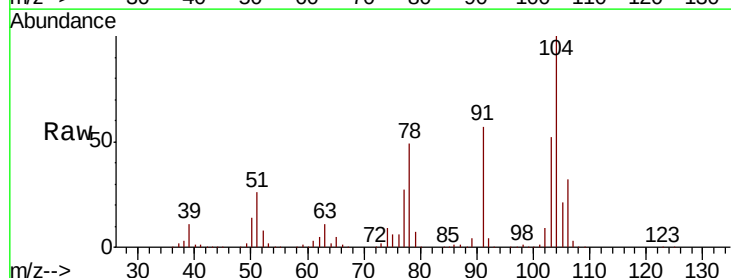
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

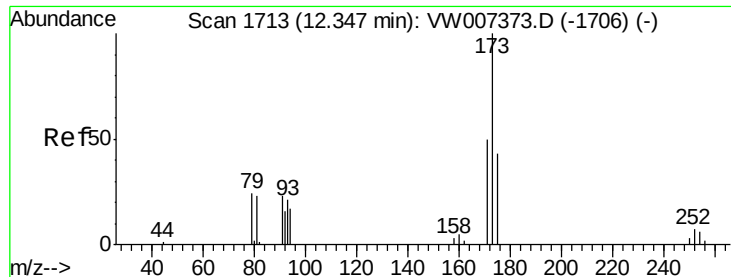
Tgt Ion:106 Resp: 225815
Ion Ratio Lower Upper
106 100
91 207.6 106.6 319.8



#70
Styrene
Concen: 138.766 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion:104 Resp: 371659
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.8
103 54.8 46.6 69.8





#71

Bromoform

Concen: 171.959 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

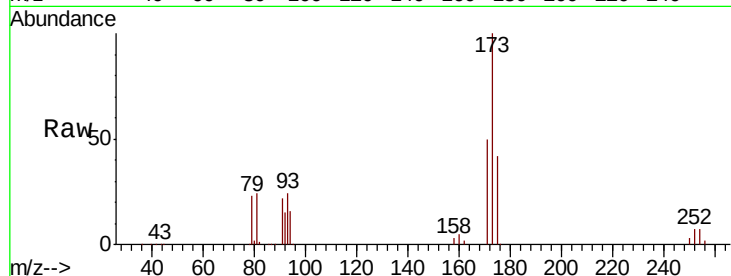
Tgt Ion:173 Resp: 66897

Ion Ratio Lower Upper

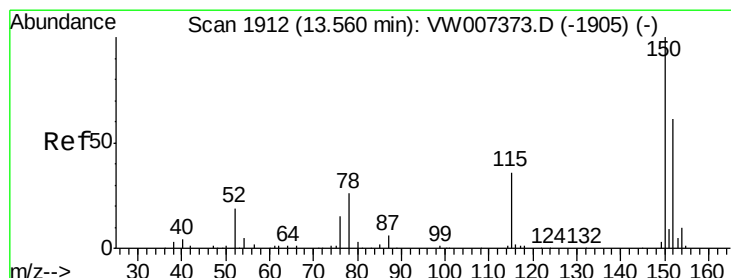
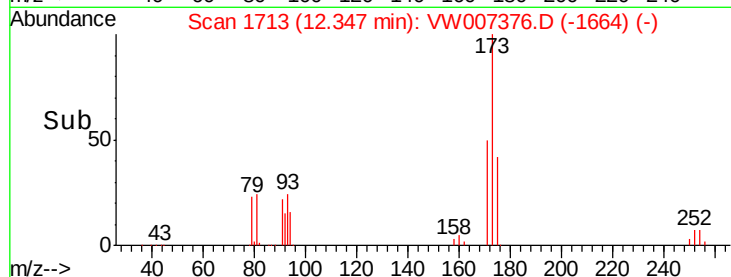
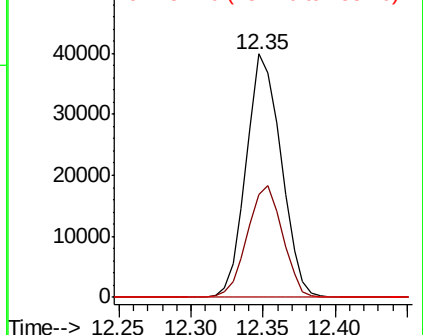
173 100

175 46.3 23.6 70.8

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: VW007376.D

Acq: 11 Dec 2018 01:23

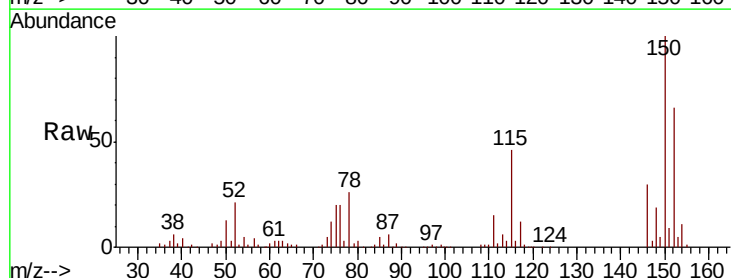
Tgt Ion:152 Resp: 56567

Ion Ratio Lower Upper

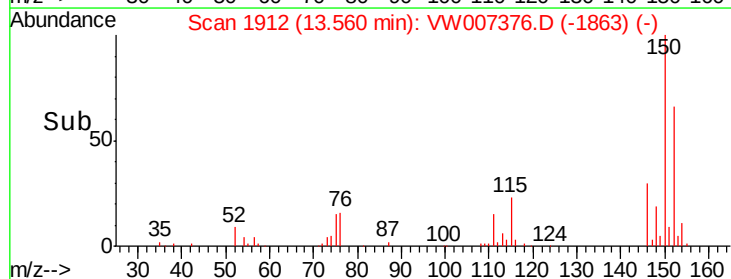
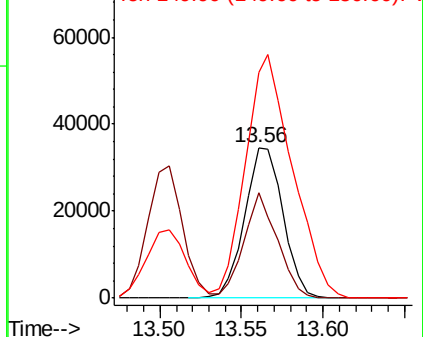
152 100

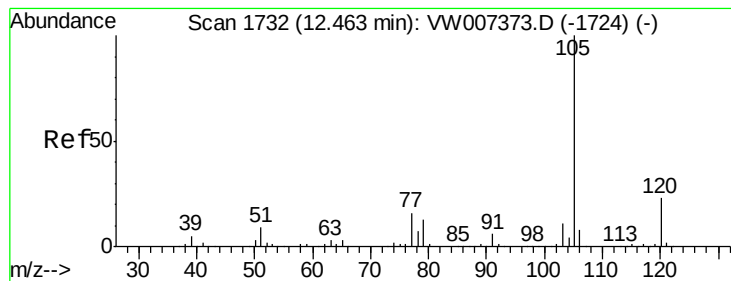
115 62.1 31.4 94.2

150 199.1 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 146.654 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

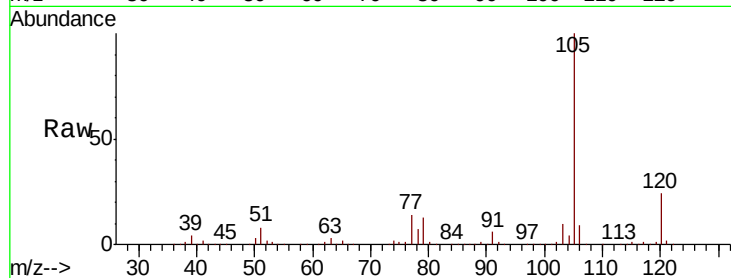
VSTDIC150

Tgt Ion: 105 Resp: 663527

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

300000

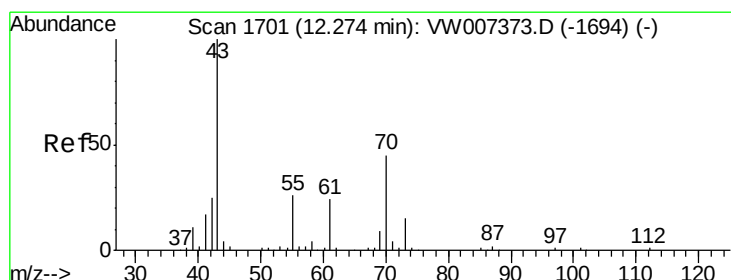
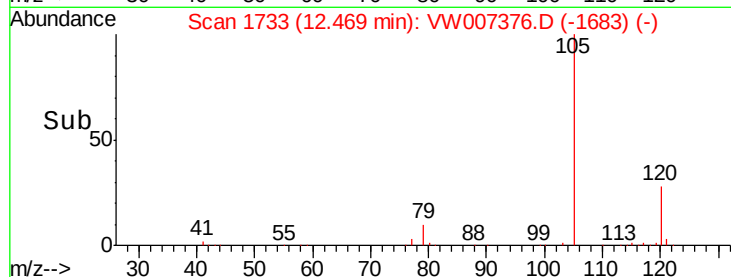
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 155.149 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Tgt Ion: 43 Resp: 123686

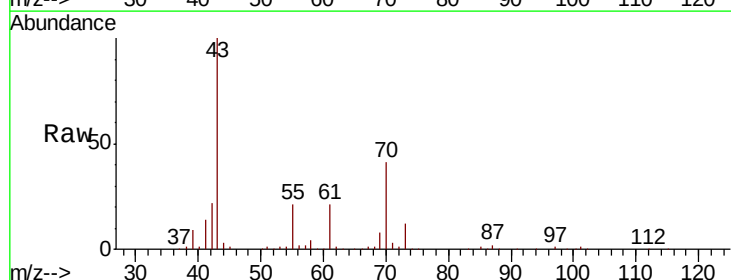
Ion Ratio Lower Upper

43 100

70 44.3 36.5 54.7

55 24.1 20.1 30.1

61 23.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

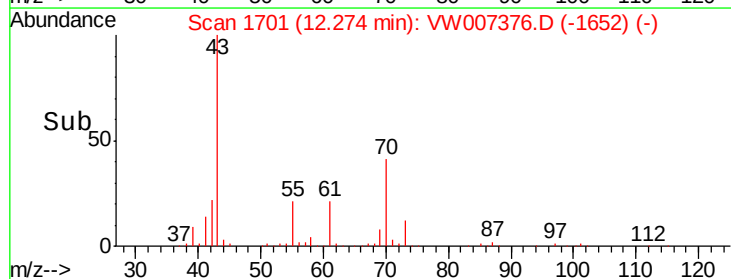
100000

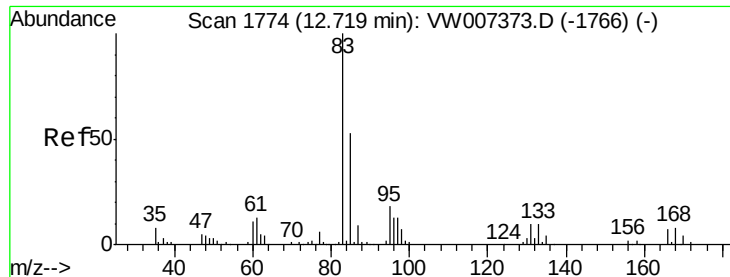
50000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 151.050 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

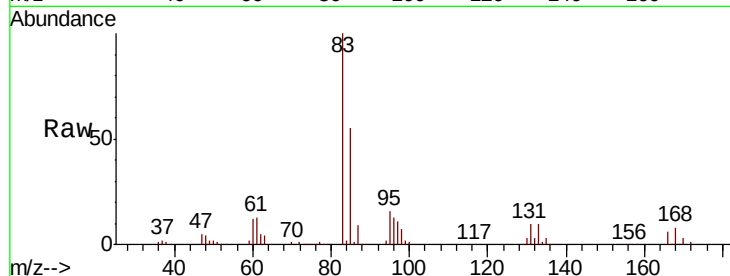
Tgt Ion: 83 Resp: 91643

Ion Ratio Lower Upper

83 100

131 12.3 5.9 17.8

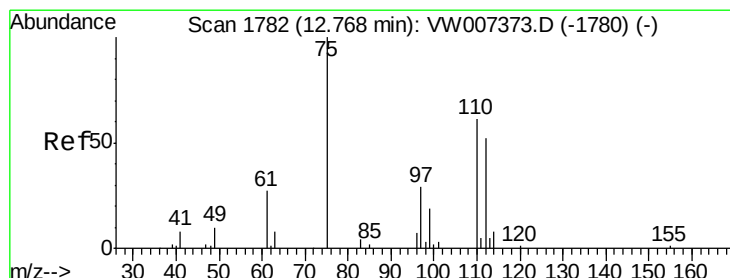
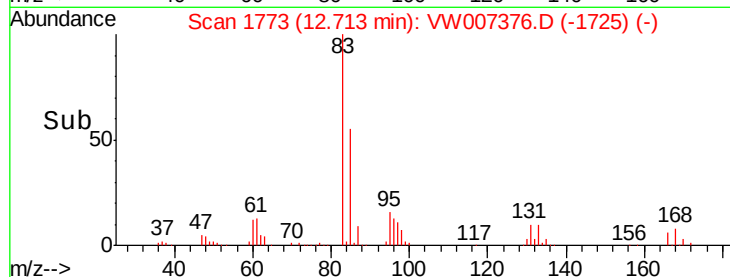
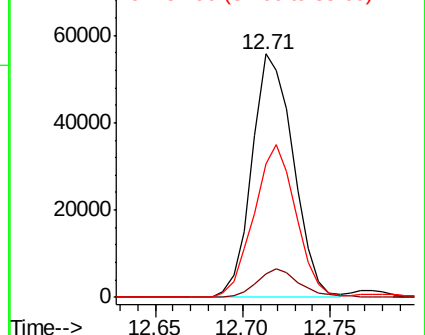
85 63.4 30.0 90.0



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: 285.600 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW007376.D

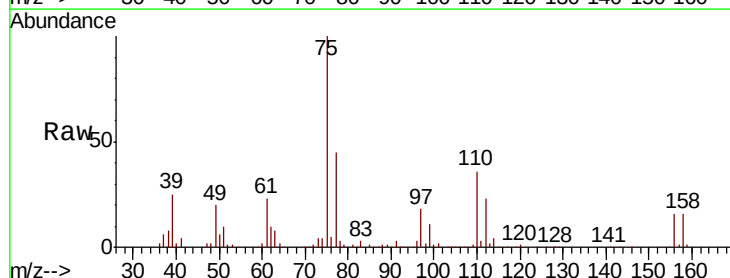
Acq: 11 Dec 2018 01:23

Tgt Ion: 75 Resp: 131699

Ion Ratio Lower Upper

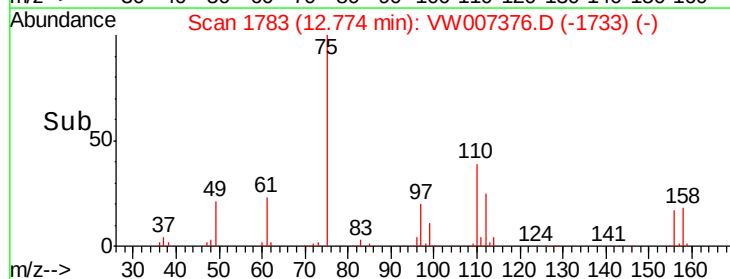
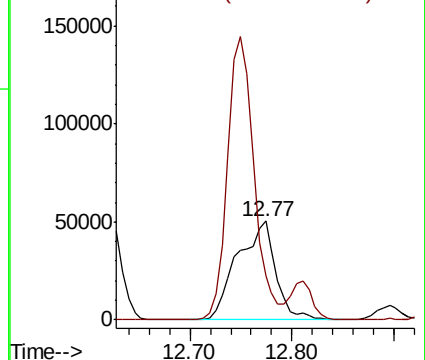
75 100

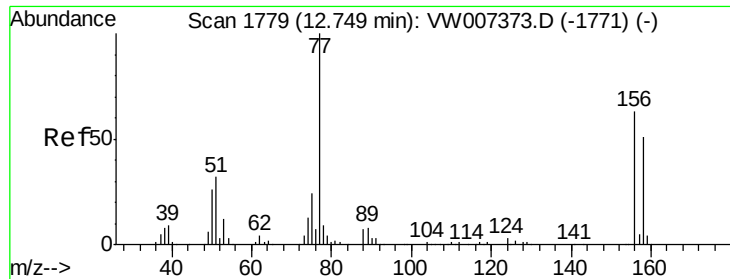
77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 145.881 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

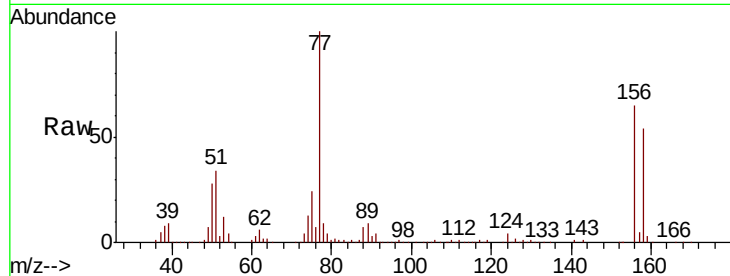
Tgt Ion:156 Resp: 144906

Ion Ratio Lower Upper

156 100

77 180.6 88.1 264.4

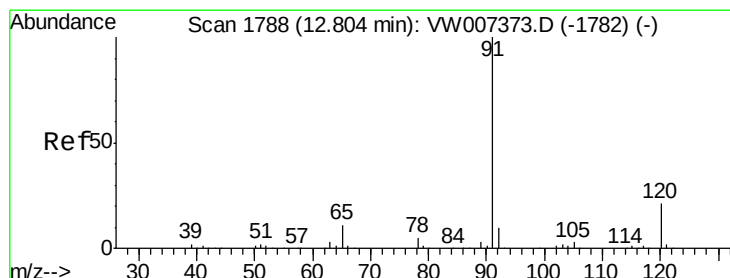
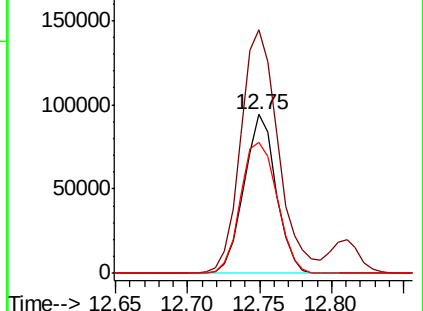
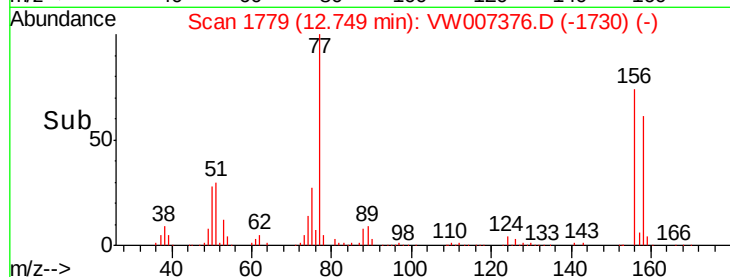
158 94.4 45.6 136.7



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: 138.011 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007376.D

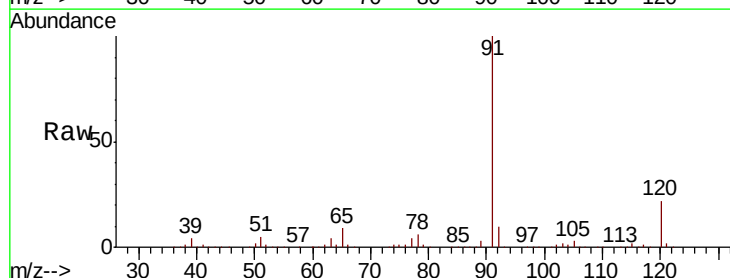
Acq: 11 Dec 2018 01:23

Tgt Ion: 91 Resp: 749911

Ion Ratio Lower Upper

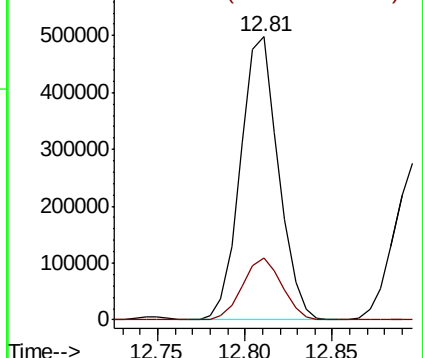
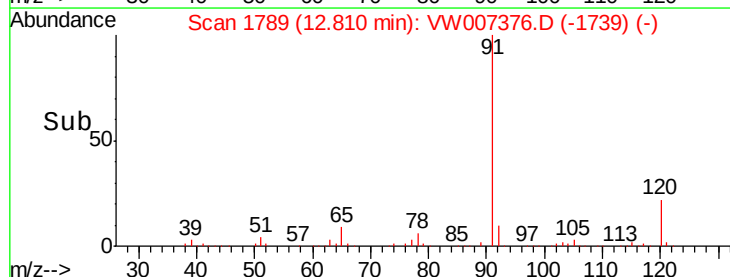
91 100

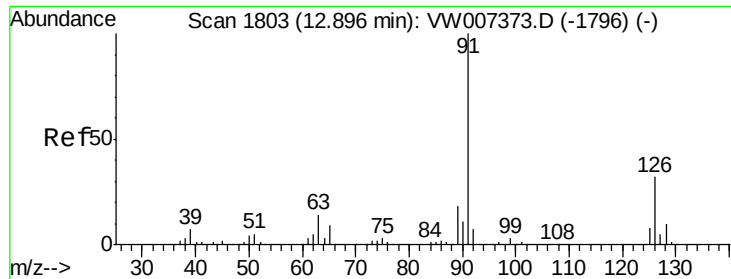
120 22.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

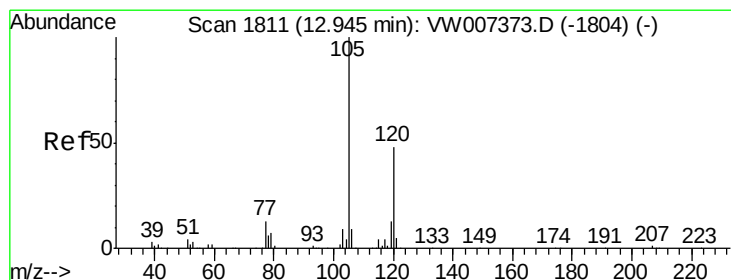
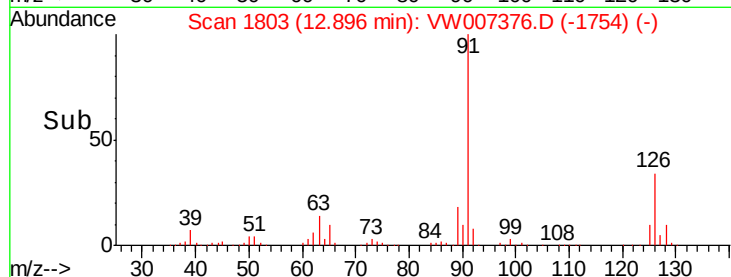
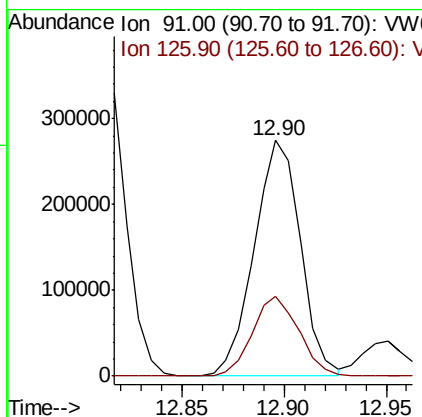
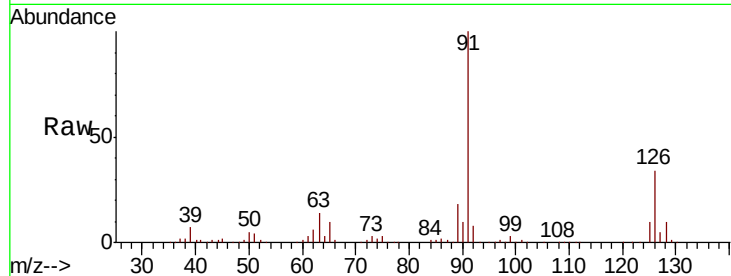




#79
 2-Chlorotoluene
 Concen: 140.622 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

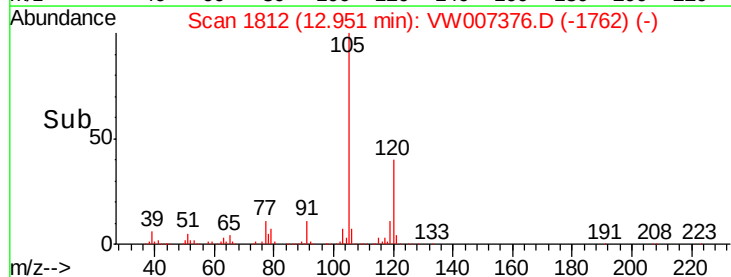
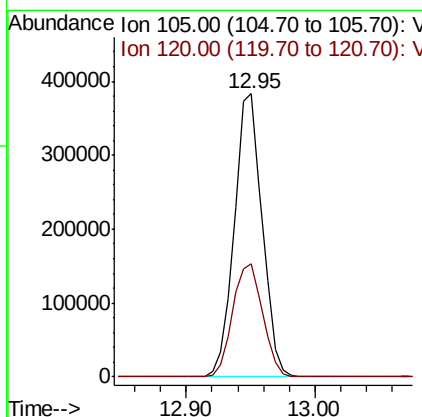
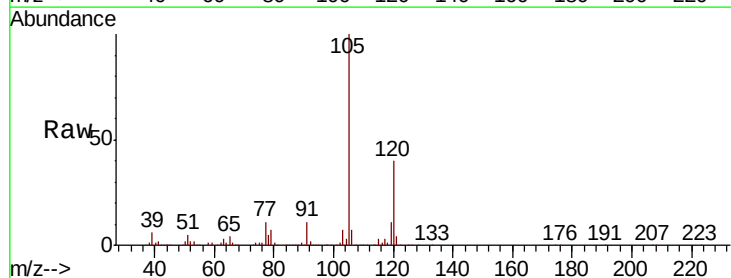
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

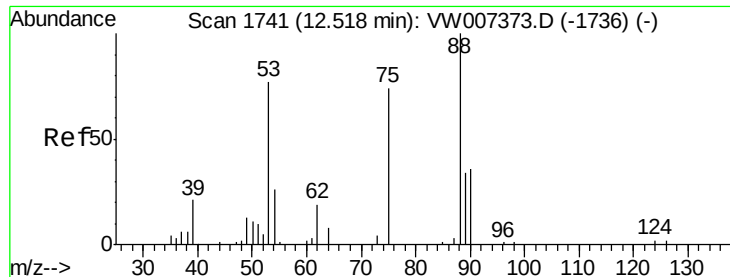
Tgt Ion: 91 Resp: 433499
 Ion Ratio Lower Upper
 91 100
 126 33.8 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 148.359 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion: 105 Resp: 574755
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 165.601 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

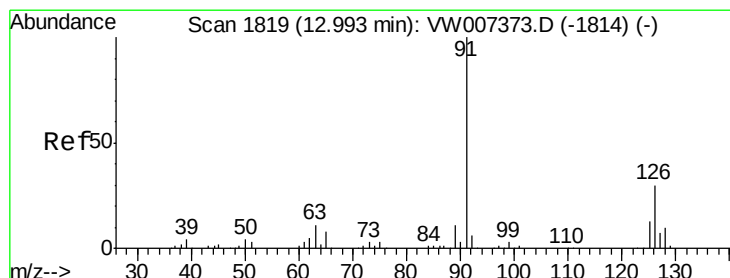
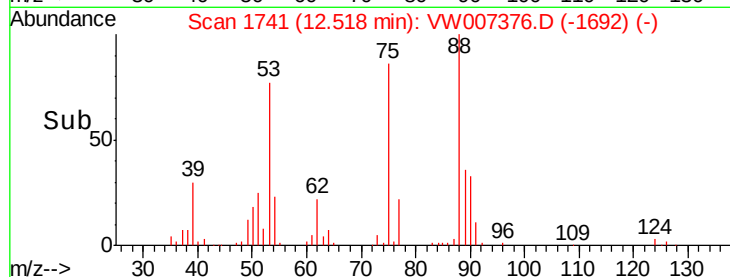
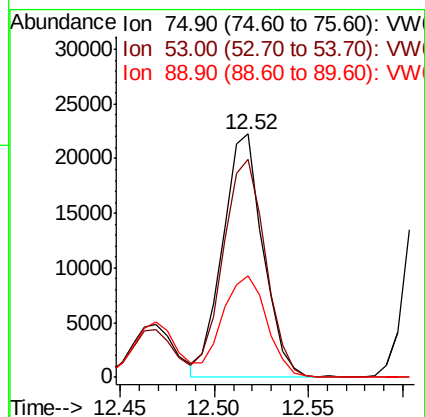
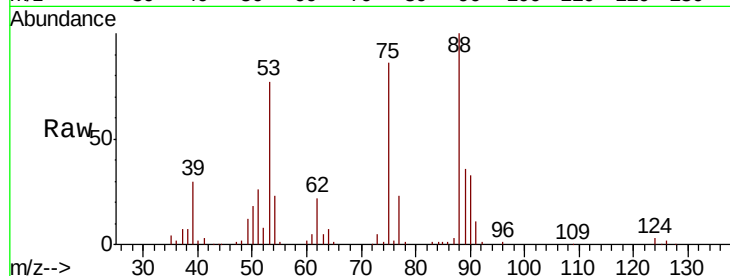
Tgt Ion: 75 Resp: 33219

Ion Ratio Lower Upper

75 100

53 94.0 84.9 127.3

89 46.5 40.3 60.5



#82

4-Chlorotoluene

Concen: 134.095 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007376.D

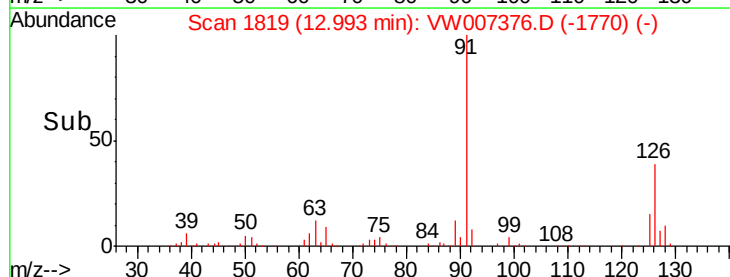
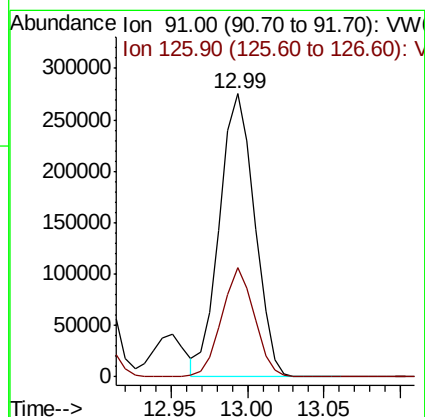
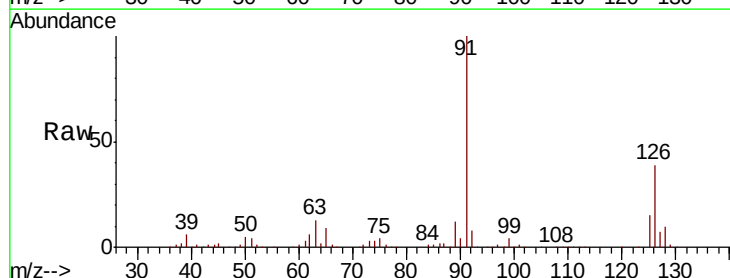
Acq: 11 Dec 2018 01:23

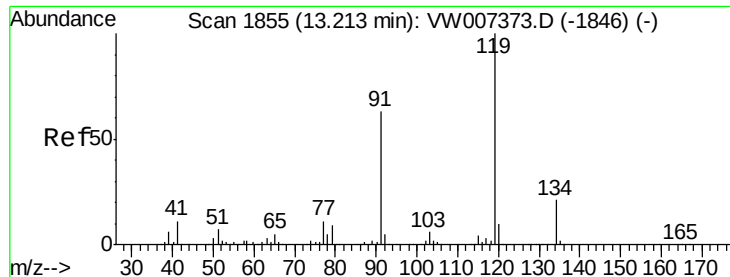
Tgt Ion: 91 Resp: 439875

Ion Ratio Lower Upper

91 100

126 35.9 16.0 48.0





#83

tert-Butylbenzene

Concen: 134.754 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

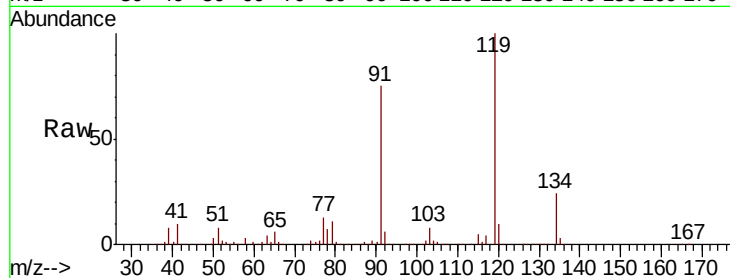
Tgt Ion:119 Resp: 460862

Ion Ratio Lower Upper

119 100

91 69.6 33.1 99.2

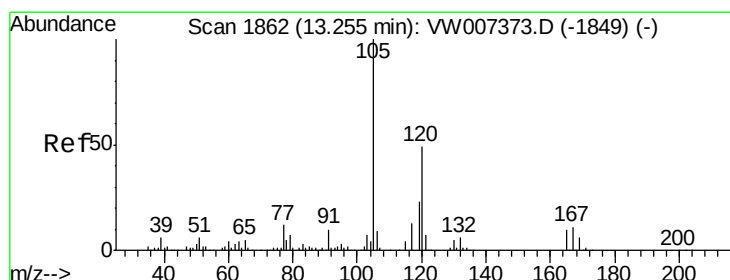
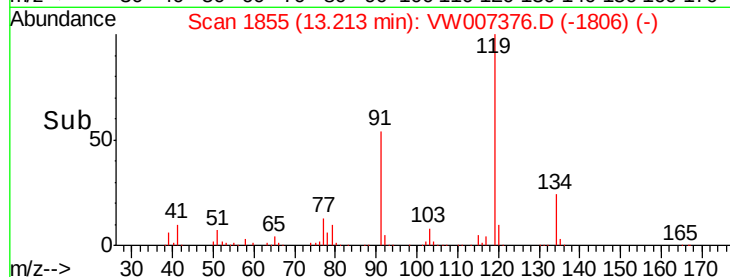
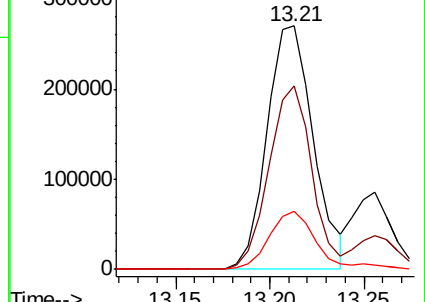
134 24.6 12.5 37.5



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: 137.373 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW007376.D

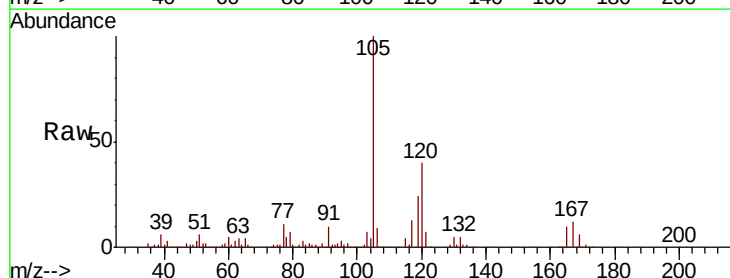
Acq: 11 Dec 2018 01:23

Tgt Ion:105 Resp: 544606

Ion Ratio Lower Upper

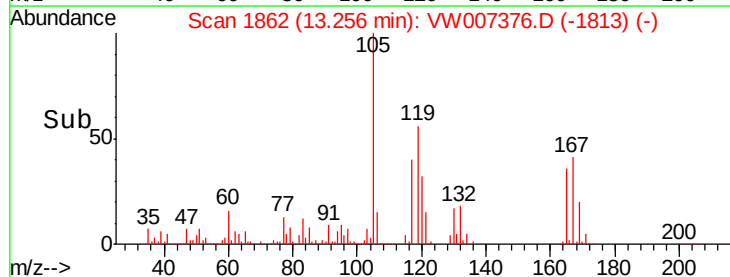
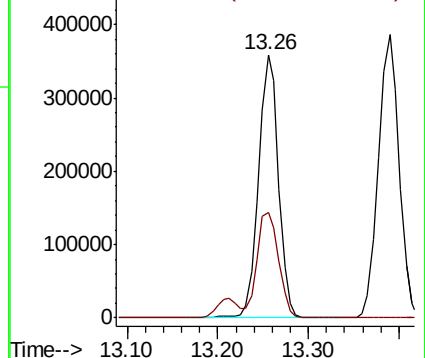
105 100

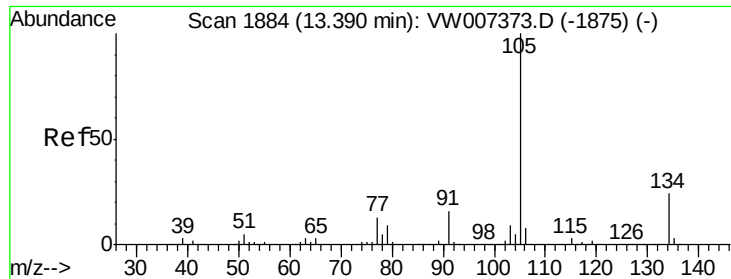
120 42.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

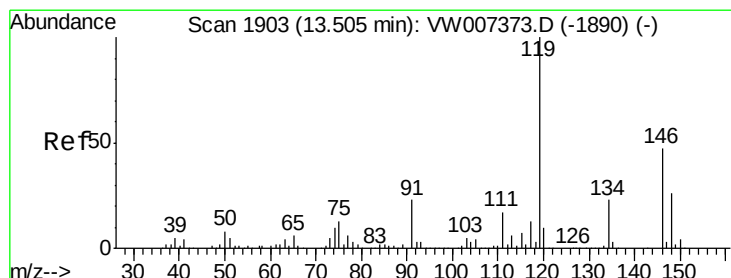
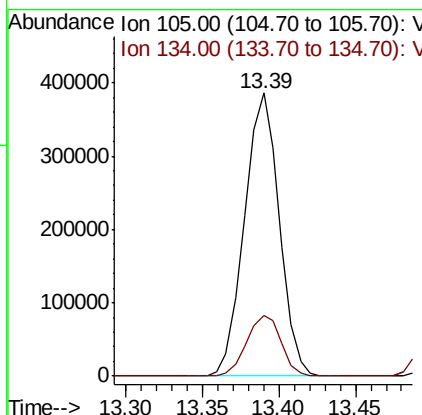
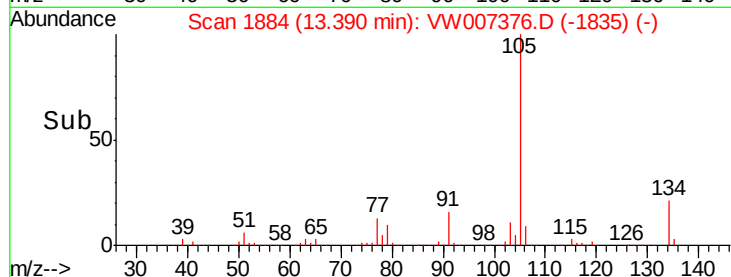
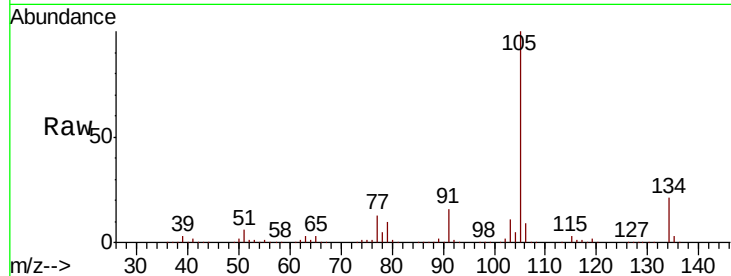




#85
 sec-Butylbenzene
 Concen: 126.641 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

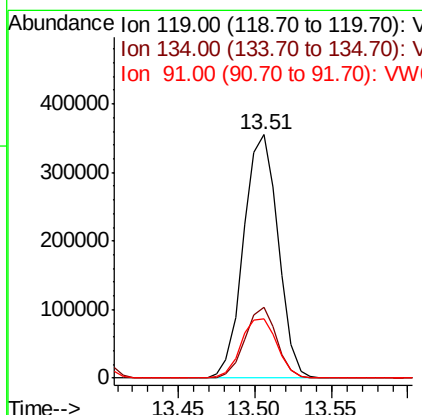
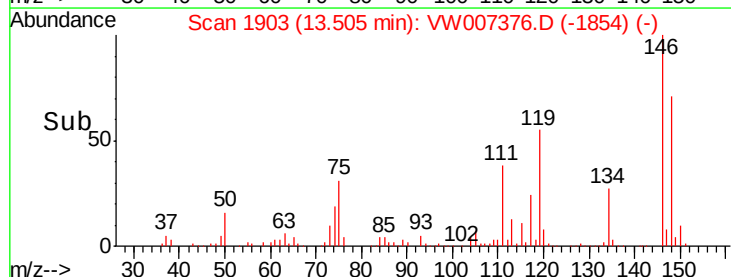
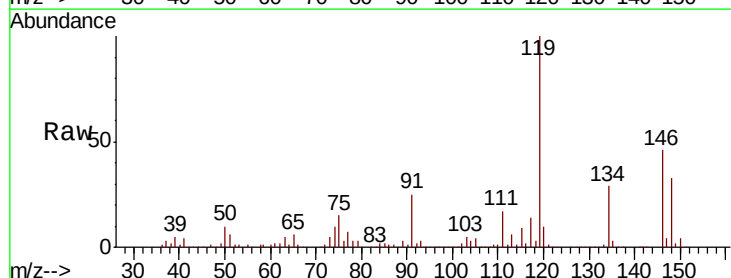
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

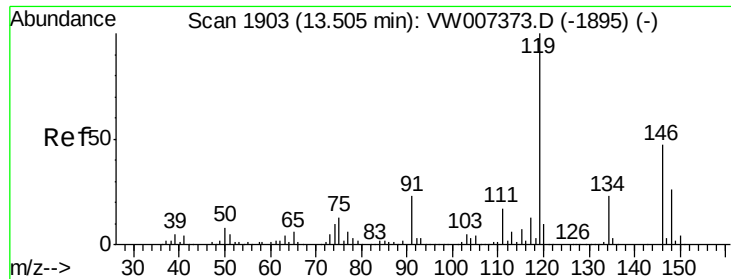
Tgt Ion:105 Resp: 610515
 Ion Ratio Lower Upper
 105 100
 134 21.4 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 128.473 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion:119 Resp: 557001
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 25.3 11.9 35.9

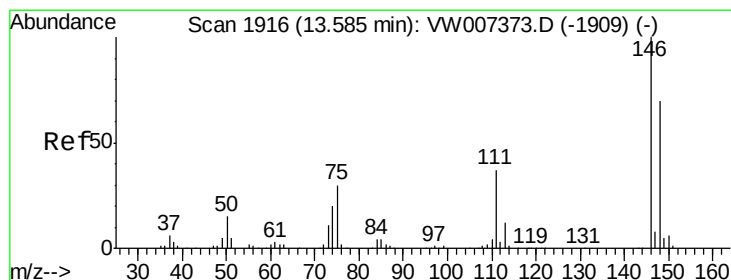
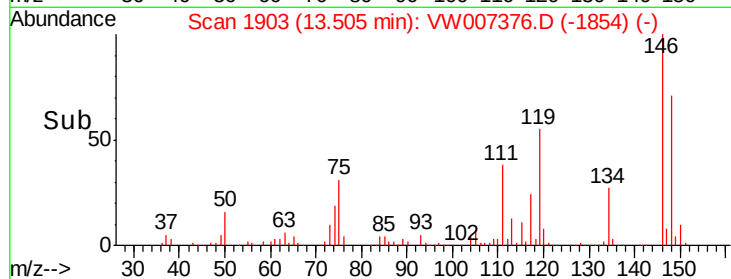
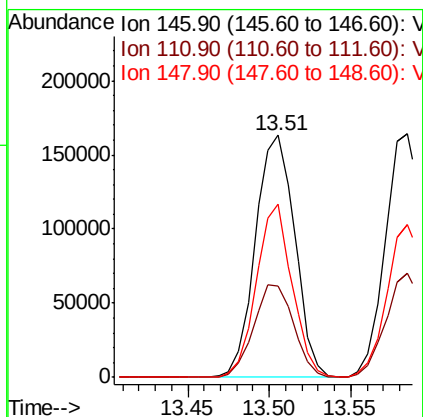
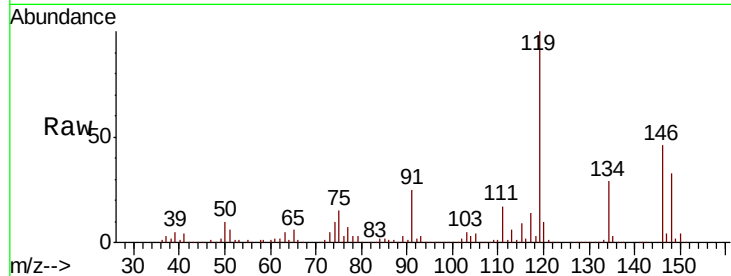




#87
 1,3-Dichlorobenzene
 Concen: 135.218 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

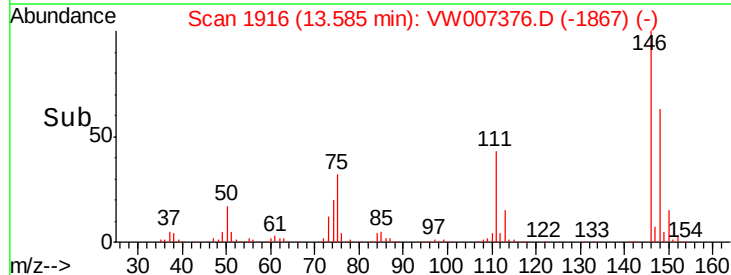
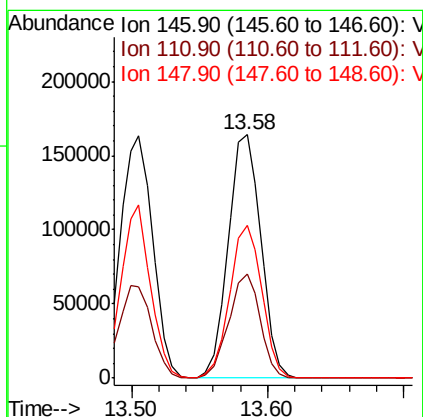
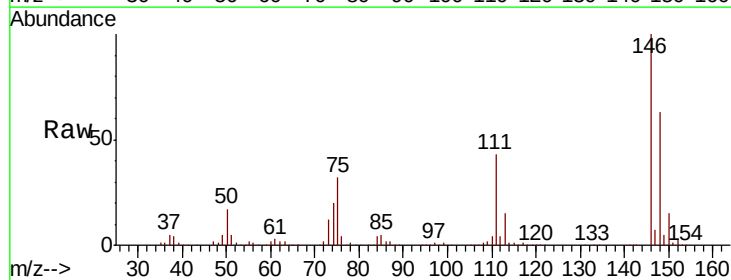
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

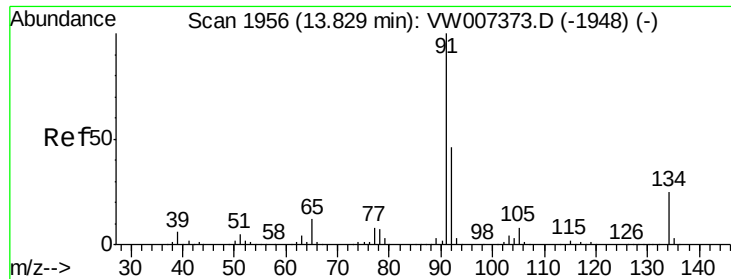
Tgt Ion:146 Resp: 274565
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.1 60.3
 148 64.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 134.621 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion:146 Resp: 273361
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 61.8 33.5 100.5





#89

n-Butylbenzene

Concen: 122.559 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

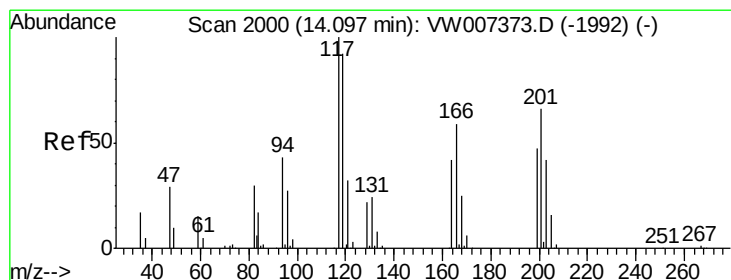
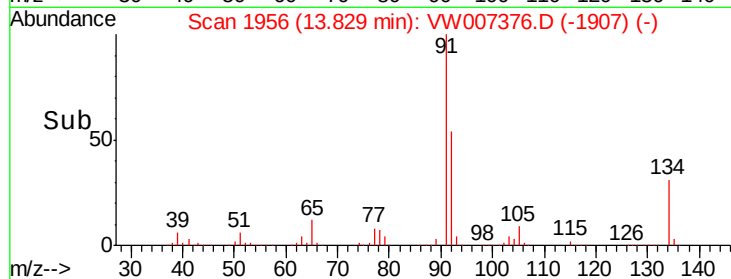
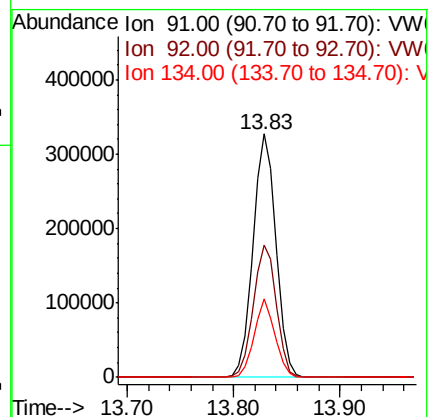
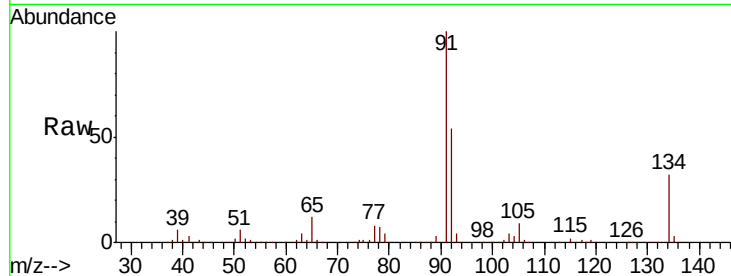
Tgt Ion: 91 Resp: 493683

Ion Ratio Lower Upper

91 100

92 54.5 25.7 77.1

134 29.2 13.4 40.2



#90

Hexachloroethane

Concen: 154.867 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007376.D

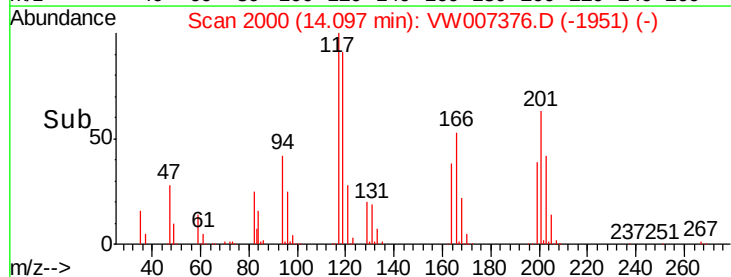
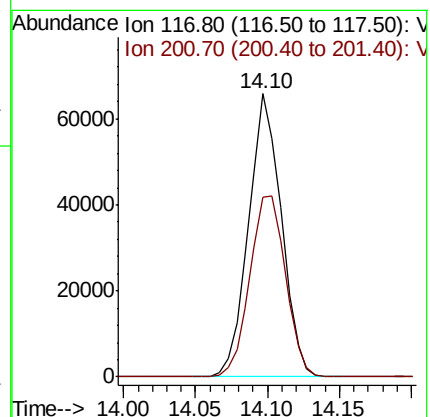
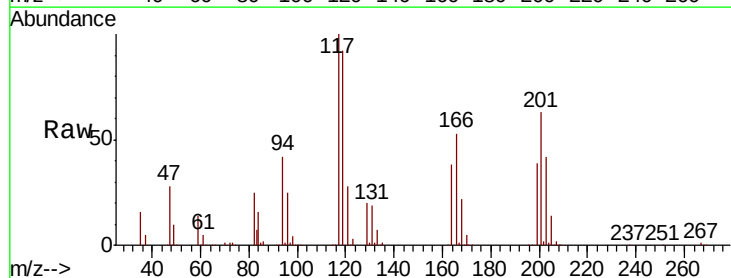
Acq: 11 Dec 2018 01:23

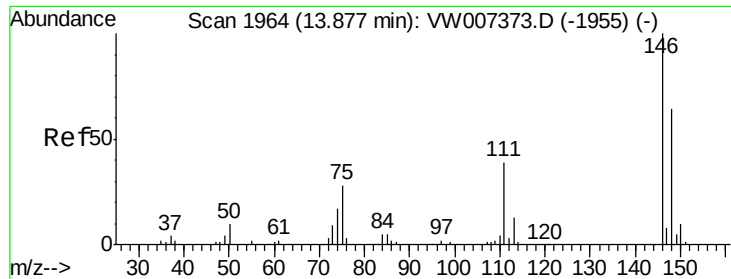
Tgt Ion: 117 Resp: 103411

Ion Ratio Lower Upper

117 100

201 69.9 35.3 105.9





#91

1,2-Dichlorobenzene

Concen: 143.138 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007376.D

Acq: 11 Dec 2018 01:23

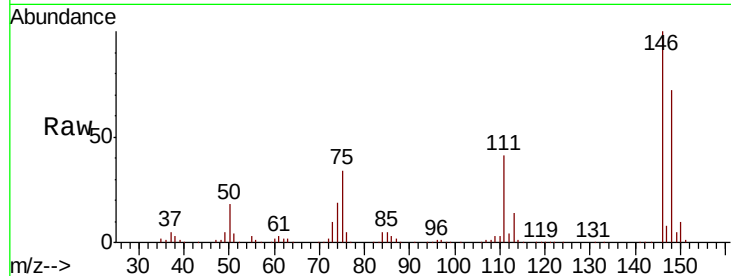
Instrument :

MSVOA_W

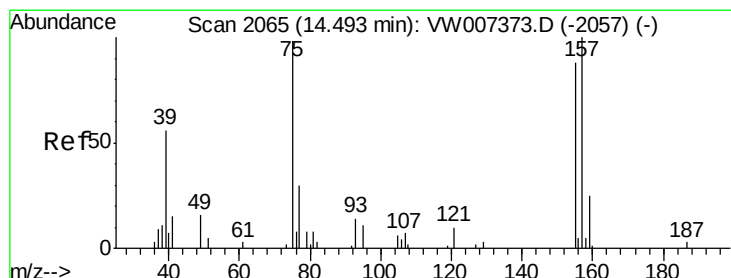
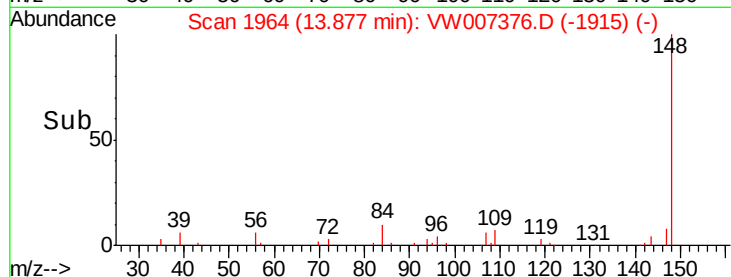
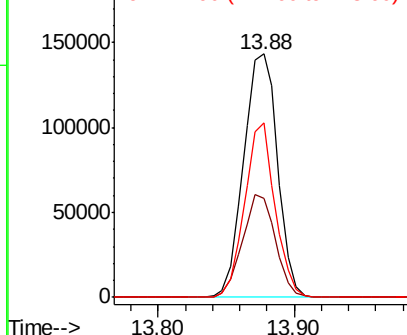
ClientSampleId :

VSTDIC150

Tgt Ion:	146	Resp:	249707
Ion	Ratio	Lower	Upper
146	100		
111	41.2	22.4	67.2
148	64.2	32.4	97.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 157.437 ug/l

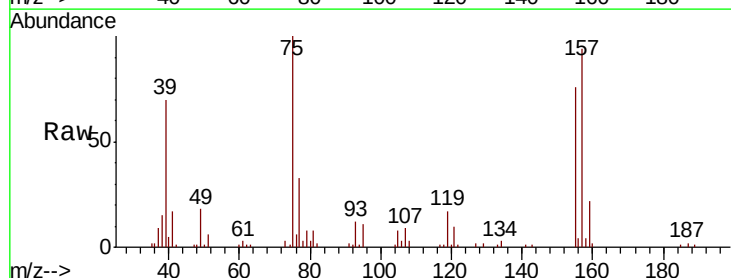
RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

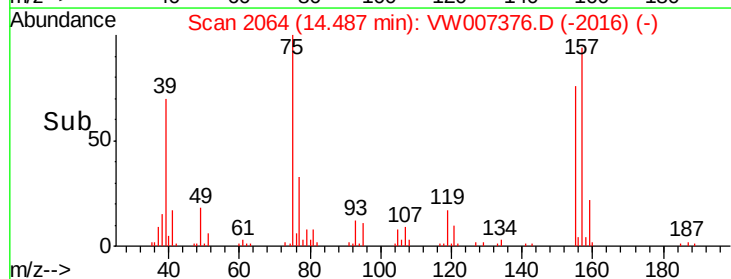
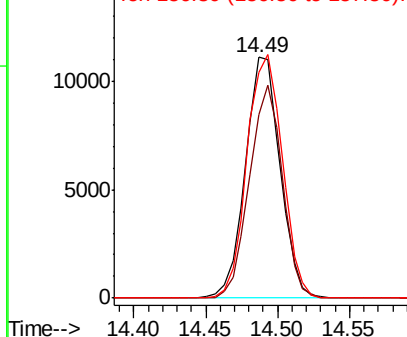
Lab File: VW007376.D

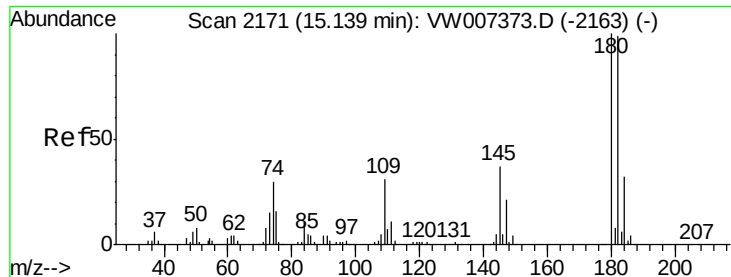
Acq: 11 Dec 2018 01:23

Tgt Ion:	75	Resp:	18489
Ion	Ratio	Lower	Upper
75	100		
155	83.6	40.8	122.2
157	102.8	51.1	153.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

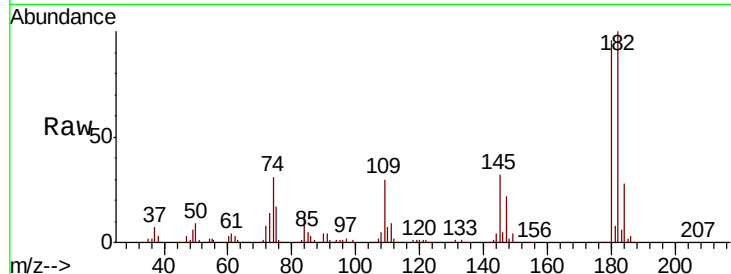




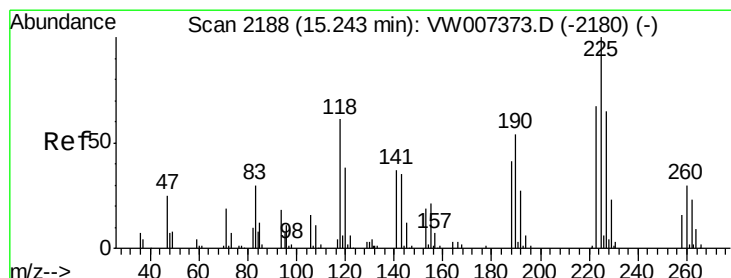
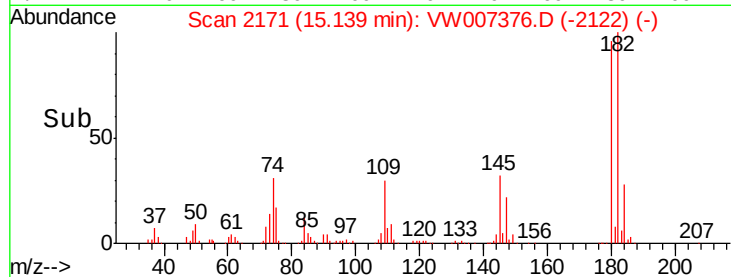
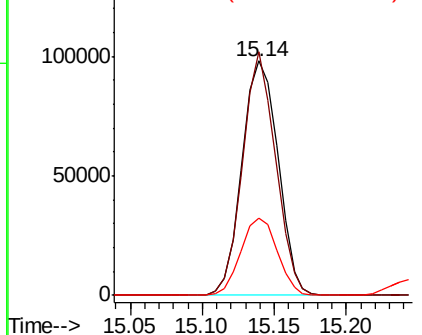
#93
 1,2,4-Trichlorobenzene
 Concen: 140.452 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	49.9	149.6
145	33.6	17.8	53.4

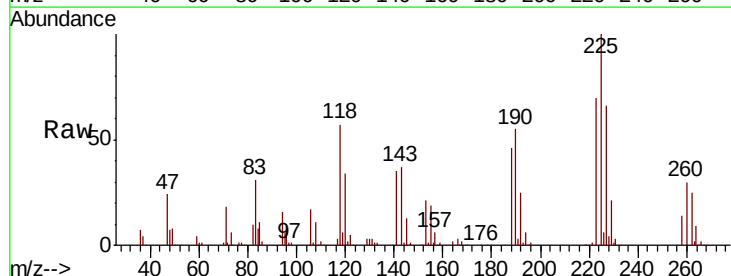


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

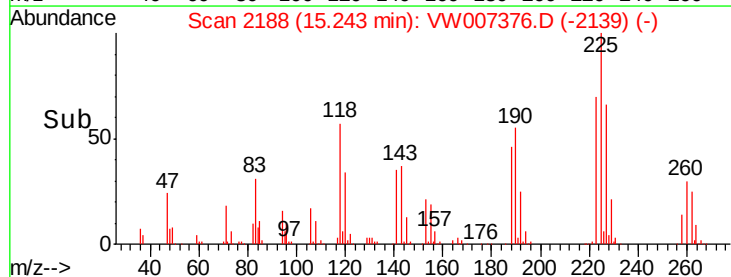
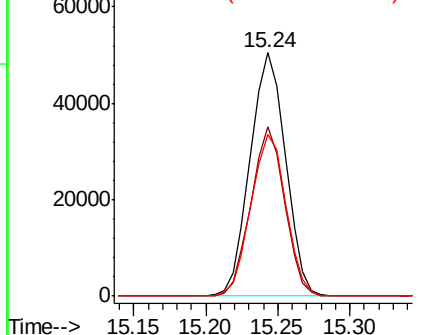


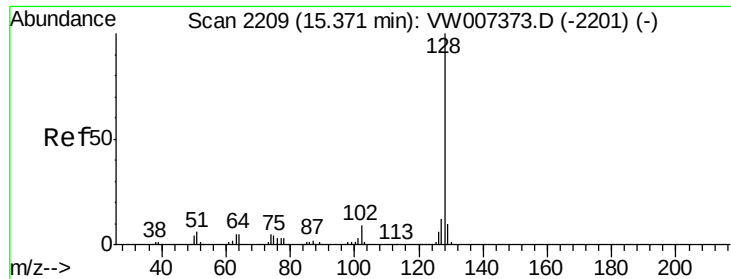
#94
 Hexachlorobutadiene
 Concen: 131.807 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007376.D
 Acq: 11 Dec 2018 01:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	32.1	96.3
227	65.4	31.9	95.9



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

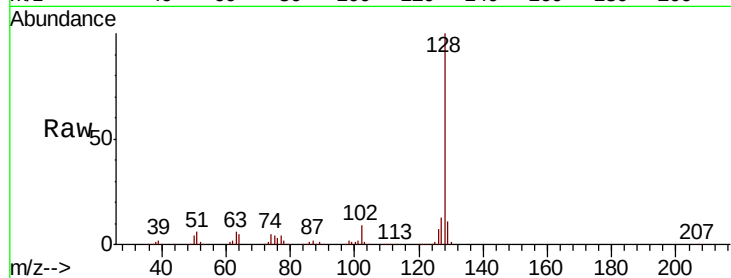




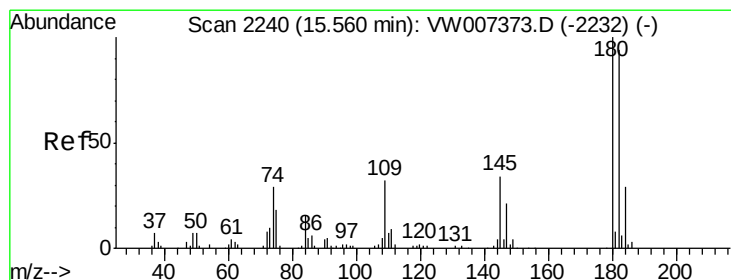
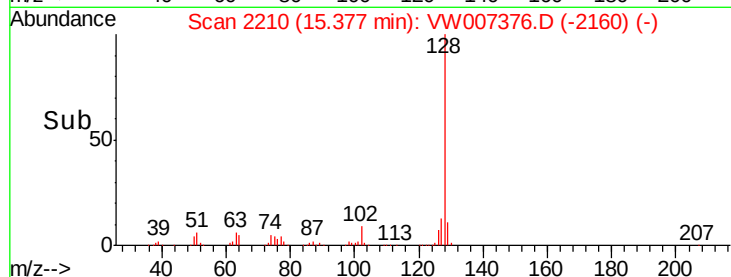
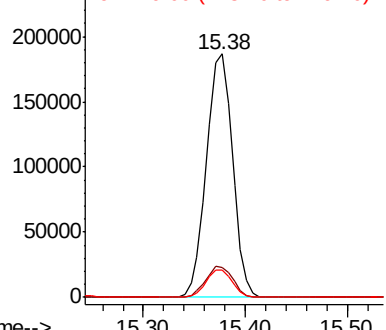
#95
Naphthalene
Concen: 151.070 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 332407
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.2 8.3 12.5

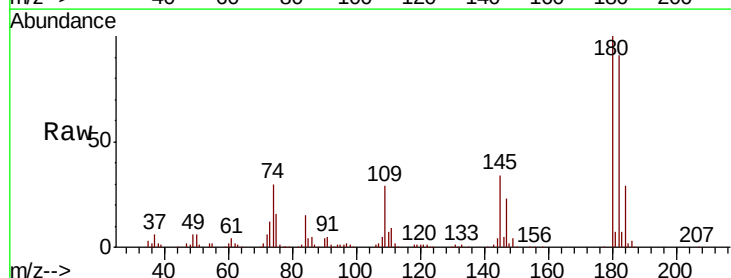


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 144.249 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007376.D
Acq: 11 Dec 2018 01:23

Tgt Ion:180 Resp: 149340
Ion Ratio Lower Upper
180 100
182 93.4 45.6 136.7
145 35.2 17.5 52.5



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

