

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006935.D
 Acq On : 17 Nov 2018 01:26
 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: Nov 17 04:27:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	194719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	181070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80100	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	207076	227.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	454.34%	
35) Dibromofluoromethane	7.89	113	193233	164.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.08%	
50) Toluene-d8	10.33	98	749977	153.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.40%	
62) 4-Bromofluorobenzene	12.62	95	284659	156.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	148635	154.633	ug/l	99
3) Chloromethane	2.21	50	134500	128.852	ug/l	99
4) Vinyl Chloride	2.36	62	128683	117.345	ug/l	100
5) Bromomethane	2.77	94	60443	84.464	ug/l	98
6) Chloroethane	2.91	64	70615	100.703	ug/l	96
7) Trichlorofluoromethane	3.26	101	276996	179.437	ug/l	100
8) Diethyl Ether	3.68	74	99877	211.285	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	169568	163.053	ug/l	100
10) Methyl Iodide	4.27	142	229490	162.531	ug/l	100
11) Tert butyl alcohol	5.21	59	66857	1120.653	ug/l	98
12) 1,1-Dichloroethene	4.04	96	161209	181.588	ug/l	98
13) Acrolein	3.90	56	67883	1089.210	ug/l	99
14) Allyl chloride	4.67	41	288130	231.669	ug/l	98
15) Acrylonitrile	5.37	53	197523	1095.317	ug/l	99
16) Acetone	4.14	43	147541	1121.606	ug/l	99
17) Carbon Disulfide	4.38	76	516918	184.149	ug/l	100
18) Methyl Acetate	4.67	43	107055	237.089	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	473928	215.554	ug/l	99
20) Methylene Chloride	4.92	84	193470	140.990	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	190559	181.806	ug/l	95
22) Diisopropyl ether	6.32	45	575114	224.485	ug/l	98
23) Vinyl Acetate	6.26	43	1625983	1127.066	ug/l	98
24) 1,1-Dichloroethane	6.22	63	345343	209.257	ug/l	99
25) 2-Butanone	7.18	43	233301	1055.979	ug/l	100
26) 2,2-Dichloropropane	7.17	77	272416	169.119	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	217702	193.364	ug/l	99
28) Bromochloromethane	7.52	49	125181	215.426	ug/l #	100
29) Tetrahydrofuran	7.54	42	161352	1140.817	ug/l	100
30) Chloroform	7.68	83	359396	200.907	ug/l	98
31) Cyclohexane	7.96	56	276973	165.828	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	296908	174.827	ug/l	99
36) 1,1-Dichloropropene	8.09	75	256372	140.528	ug/l	98
37) Ethyl Acetate	7.26	43	114586	183.881	ug/l	99
38) Carbon Tetrachloride	8.07	117	254841	130.734	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	325754	139.262	ug/l	99
40) Benzene	8.33	78	751385	147.428	ug/l	100
41) Methacrylonitrile	7.49	41	72632	188.921	ug/l	95
42) 1,2-Dichloroethane	8.40	62	233989	168.741	ug/l	100
43) Isopropyl Acetate	8.43	43	237766	195.891	ug/l	99
44) Trichloroethene	9.09	130	203510	129.613	ug/l	96
45) 1,2-Dichloropropane	9.37	63	189807	157.952	ug/l	99
46) Dibromomethane	9.46	93	101616	154.205	ug/l	99
47) Bromodichloromethane	9.65	83	260740	158.253	ug/l	99
48) Methyl methacrylate	9.44	41	113414	192.079	ug/l	98
49) 1,4-Dioxane	9.48	88	26838	2684.281	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	535971	883.793	ug/l	98
52) Toluene	10.39	92	500190	139.872	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	272139	167.713	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	309066	160.506	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	142951	146.141	ug/l	96
56) Ethyl methacrylate	10.65	69	191497	175.316	ug/l	98
57) 1,3-Dichloropropane	10.93	76	250934	160.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	453231	842.283	ug/l	99
59) 2-Hexanone	10.97	43	363113	872.937	ug/l	99
60) Dibromochloromethane	11.13	129	178991	151.272	ug/l	99
61) 1,2-Dibromoethane	11.24	107	140047	151.459	ug/l	100
64) Tetrachloroethene	10.87	164	171108	122.212	ug/l	98
65) Chlorobenzene	11.66	112	557033	139.711	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	188542	146.137	ug/l	99
67) Ethyl Benzene	11.74	91	995906	145.506	ug/l	98
68) m/p-Xylenes	11.84	106	762379	274.760	ug/l	99
69) o-Xylene	12.17	106	362458	140.001	ug/l	99
70) Styrene	12.18	104	594097	143.053	ug/l	100
71) Bromoform	12.35	173	94602	137.642	ug/l #	99
73) Isopropylbenzene	12.47	105	985130	173.564	ug/l	100
74) N-amyl acetate	12.27	43	204766	224.979	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	149776	189.090	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	205639	340.157	ug/l #	100
77) Bromobenzene	12.75	156	210625	150.859	ug/l	99
78) n-propylbenzene	12.81	91	1167303	173.747	ug/l	100
79) 2-Chlorotoluene	12.90	91	684050	180.102	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	838265	171.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	49742	205.758	ug/l	94
82) 4-Chlorotoluene	12.99	91	717826	177.322	ug/l	100
83) tert-Butylbenzene	13.21	119	709762	165.949	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	835469	168.591	ug/l	100
85) sec-Butylbenzene	13.39	105	996691	164.160	ug/l	100
86) p-Isopropyltoluene	13.51	119	865233	157.831	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	403858	142.457	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	404425	144.020	ug/l	100
89) n-Butylbenzene	13.83	91	828202	163.897	ug/l	100
90) Hexachloroethane	14.10	117	154376	175.061	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	358019	144.398	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26734	205.184	ug/l	100

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Quant Title : SW846 8260
QLast Update : Sat Nov 17 01:21:22 2018
Response via : Initial Calibration

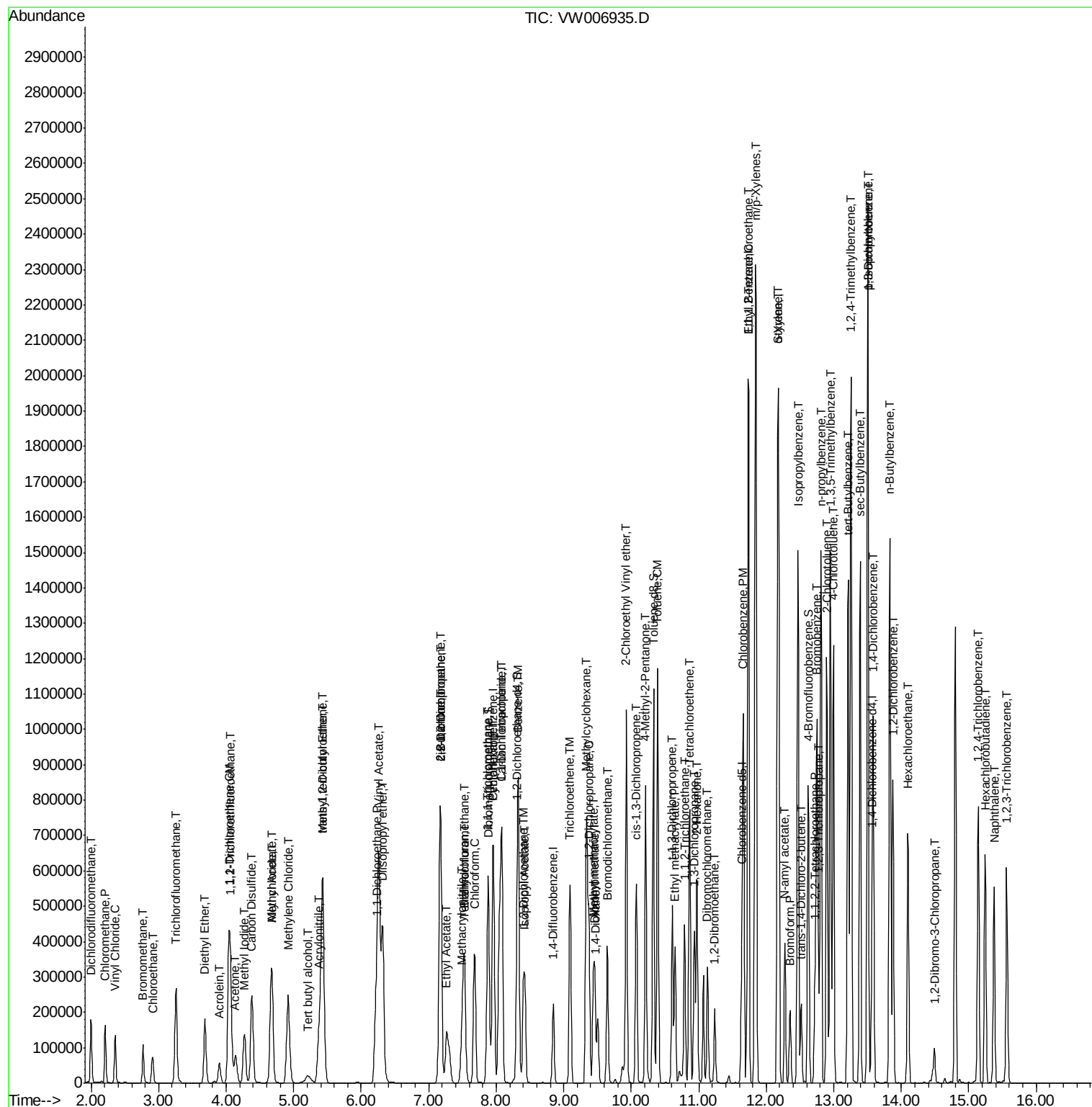
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	238845	131.038	ug/l	99
94) Hexachlorobutadiene	15.24	225	116969	103.980	ug/l	99
95) Naphthalene	15.38	128	494347	174.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	209470	133.839	ug/l	99

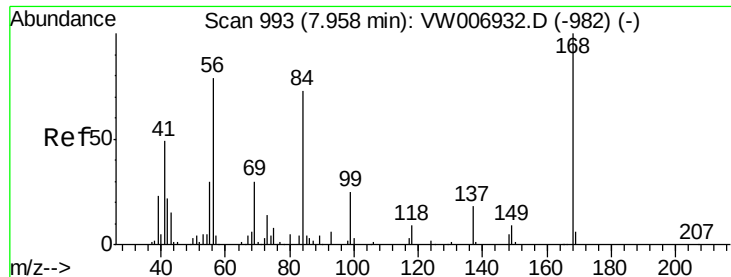
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

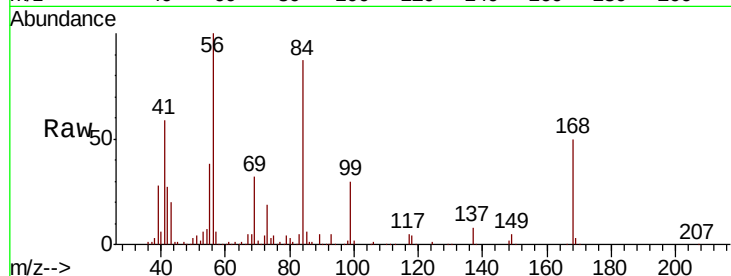
VSTDIC150

Tgt Ion:168 Resp: 113142

Ion Ratio Lower Upper

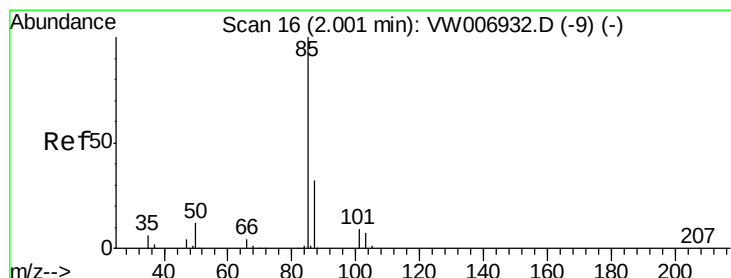
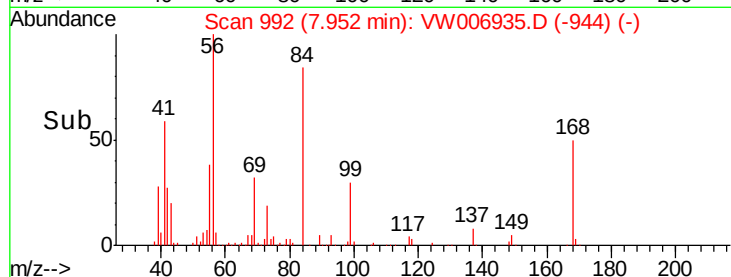
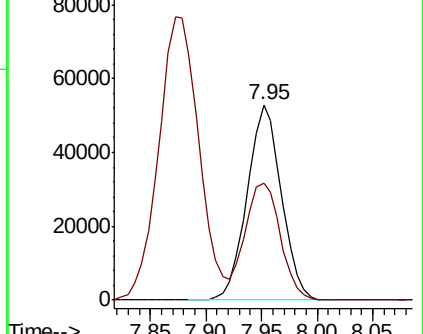
168 100

99 59.7 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 154.633 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW006935.D

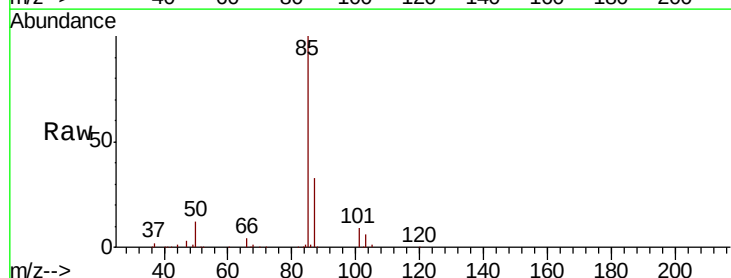
Acq: 17 Nov 2018 01:26

Tgt Ion: 85 Resp: 148635

Ion Ratio Lower Upper

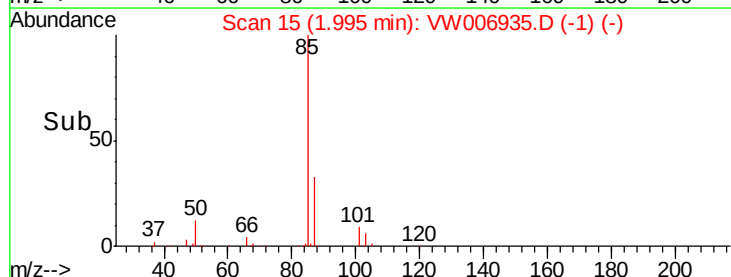
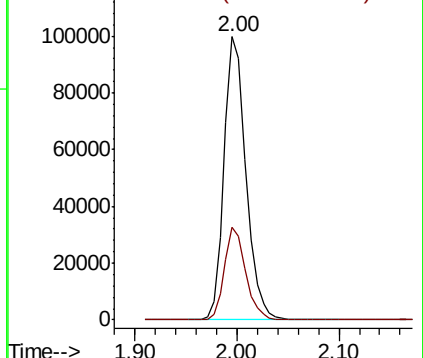
85 100

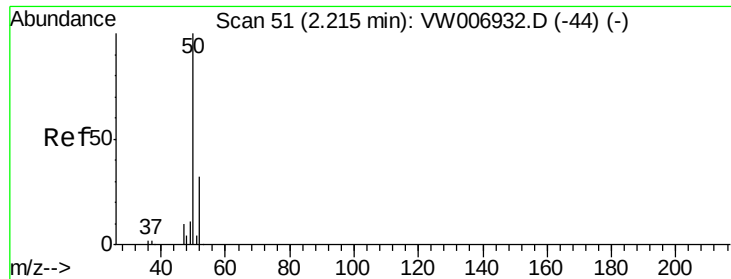
87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 128.852 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

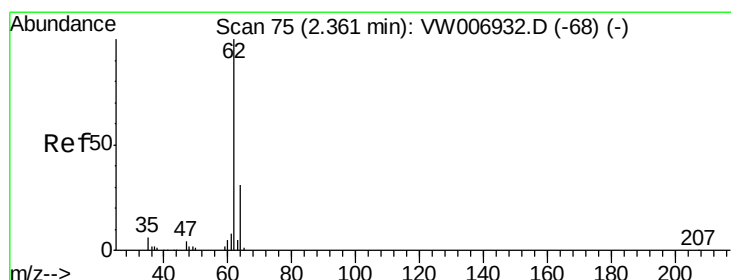
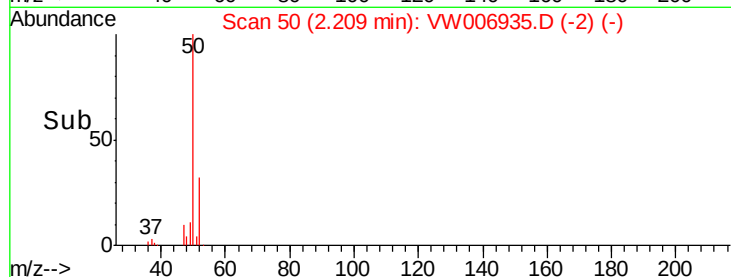
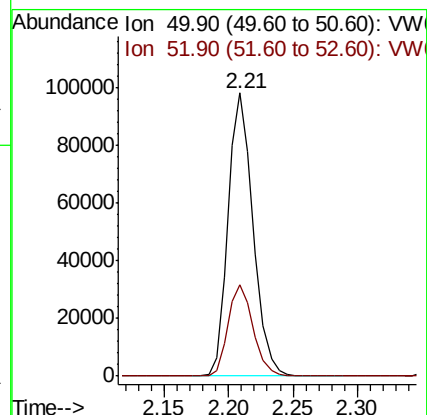
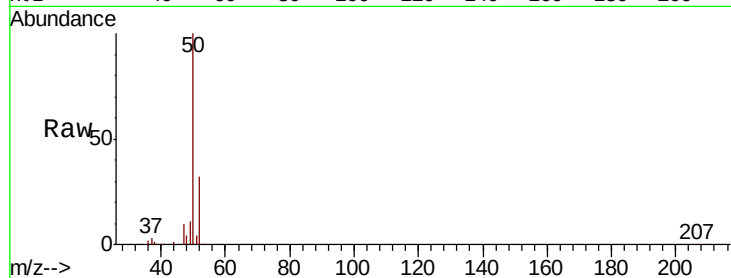
VSTDIC150

Tgt Ion: 50 Resp: 134500

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 117.345 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006935.D

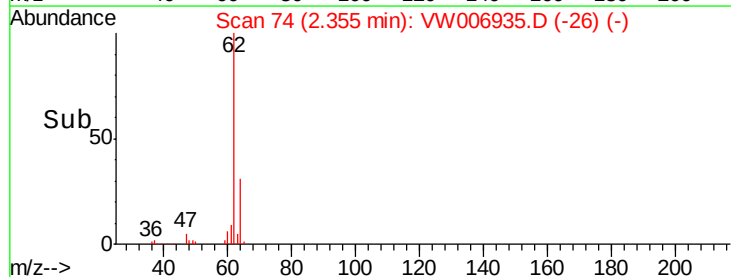
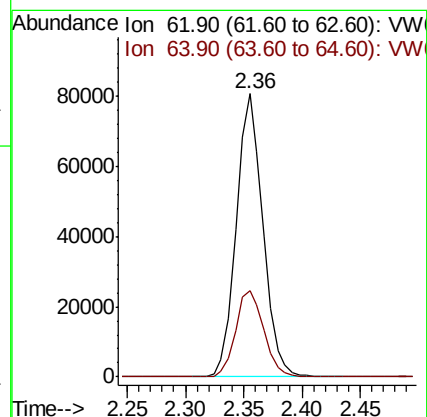
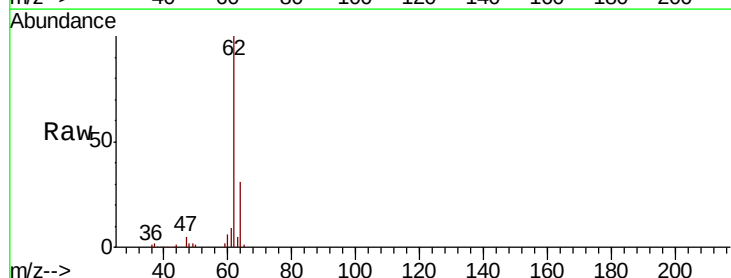
Acq: 17 Nov 2018 01:26

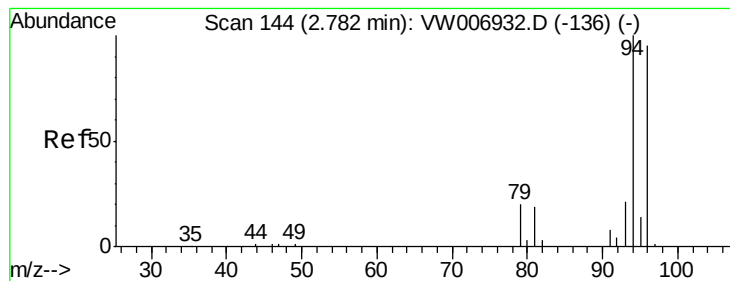
Tgt Ion: 62 Resp: 128683

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 84.464 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

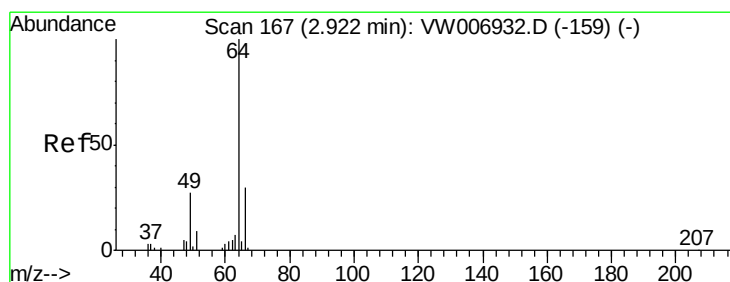
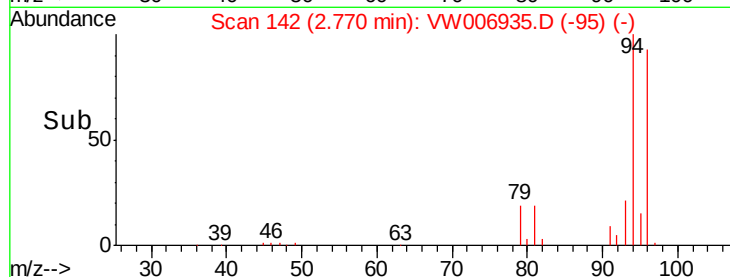
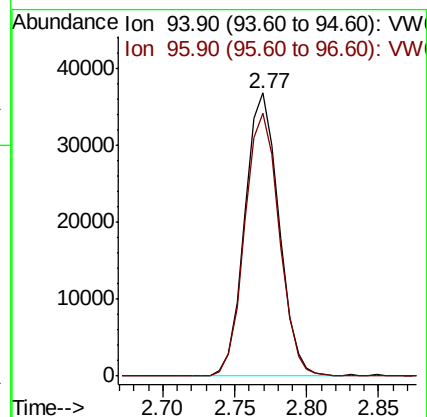
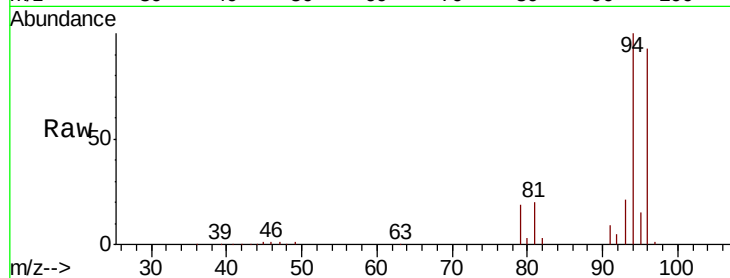
VSTDIC150

Tgt Ion: 94 Resp: 60443

Ion Ratio Lower Upper

94 100

96 92.9 76.2 114.4



#6

Chloroethane

Concen: 100.703 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW006935.D

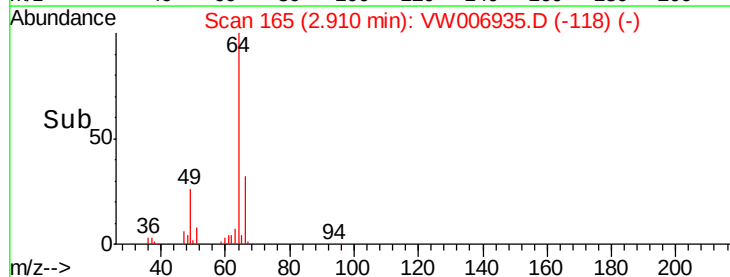
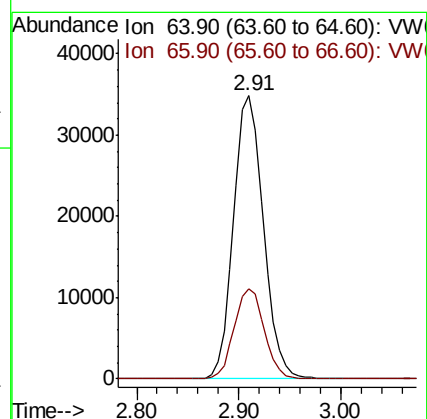
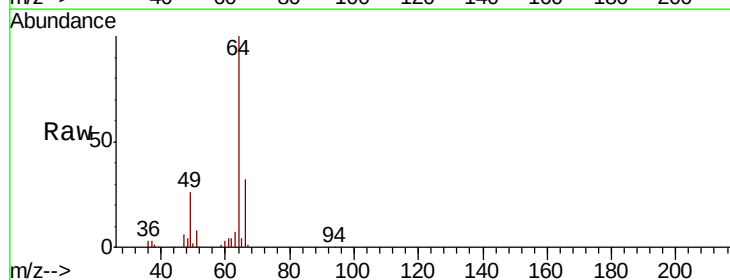
Acq: 17 Nov 2018 01:26

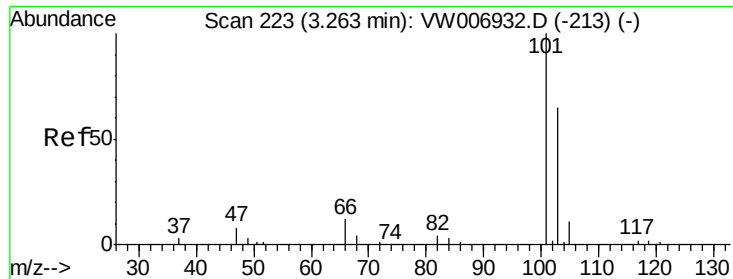
Tgt Ion: 64 Resp: 70615

Ion Ratio Lower Upper

64 100

66 31.9 24.0 36.0



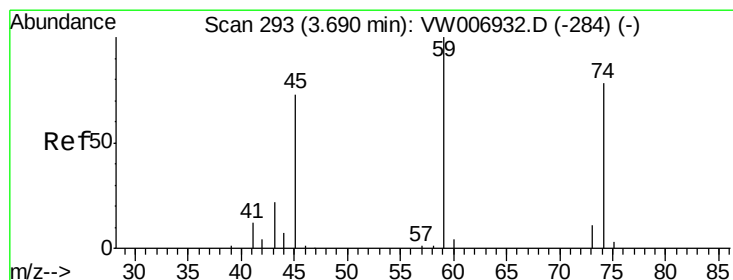
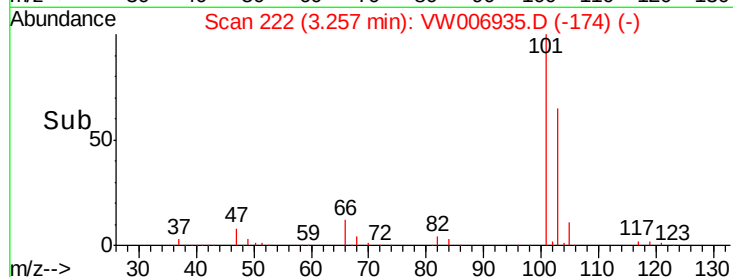
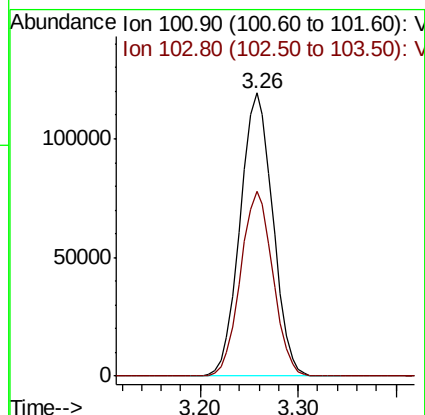
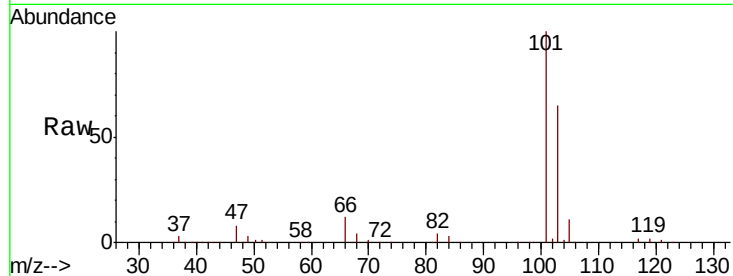


#7

Trichlorofluoromethane
 Concen: 179.437 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Instrument :
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 ClientSampleId :
 VSTDIC150

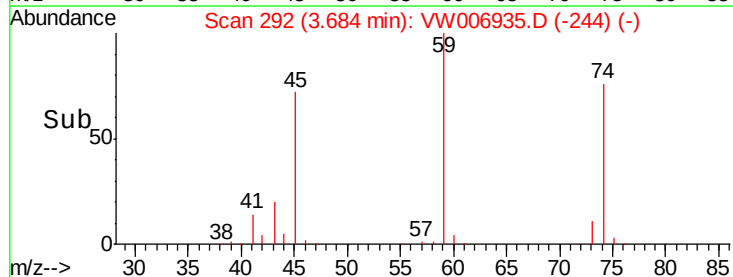
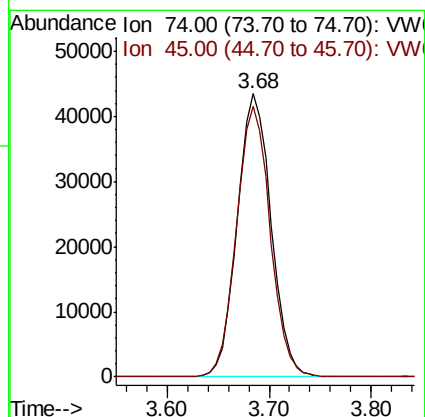
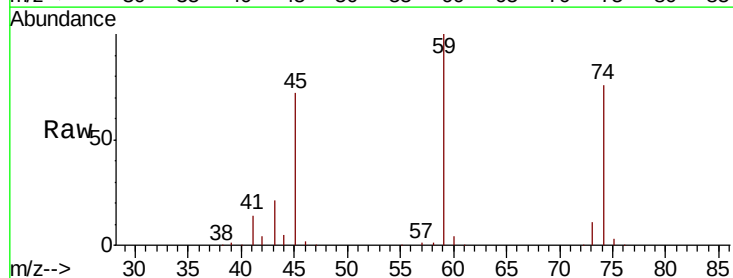
Tgt Ion: 101 Resp: 276996
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2

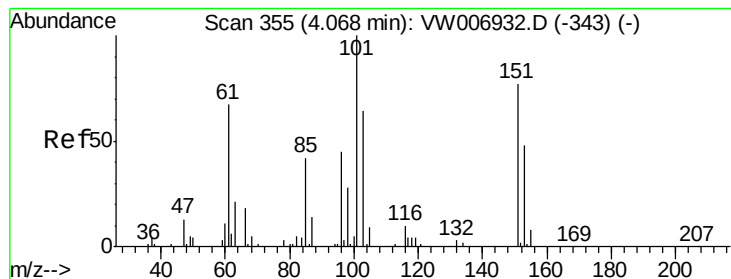


#8

Diethyl Ether
 Concen: 211.285 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion: 74 Resp: 99877
 Ion Ratio Lower Upper
 74 100
 45 95.3 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 163.053 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

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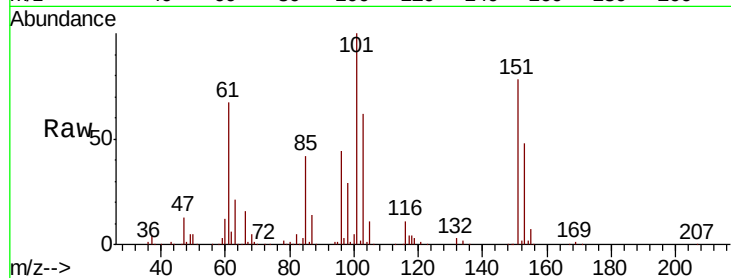
Tgt Ion:101 Resp: 169568

Ion Ratio Lower Upper

101 100

85 43.2 34.5 51.7

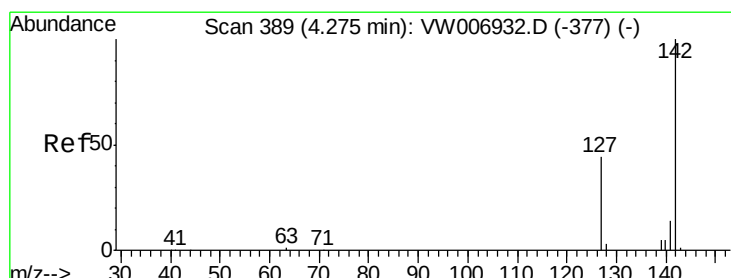
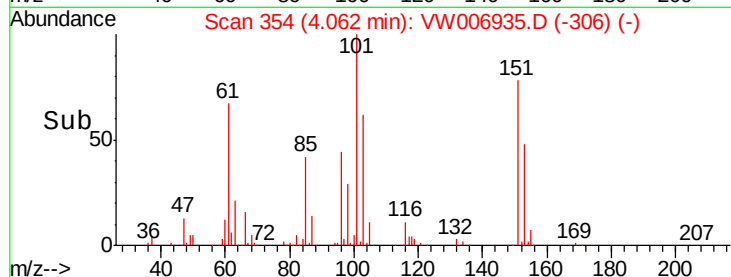
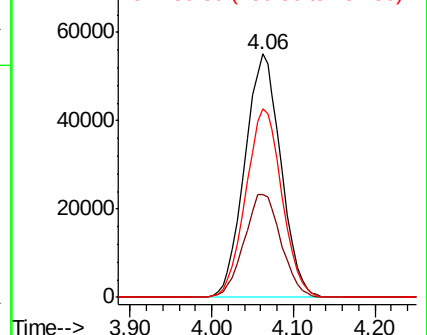
151 77.4 61.5 92.3



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: 162.531 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

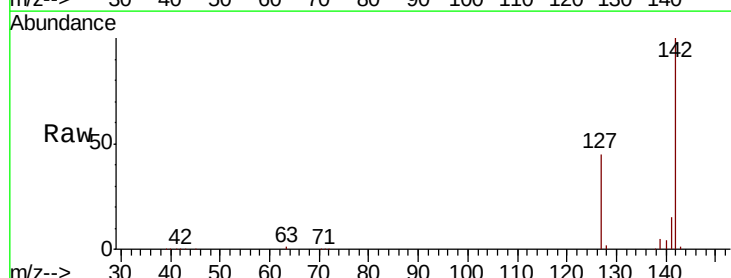
Tgt Ion:142 Resp: 229490

Ion Ratio Lower Upper

142 100

127 43.0 34.4 51.6

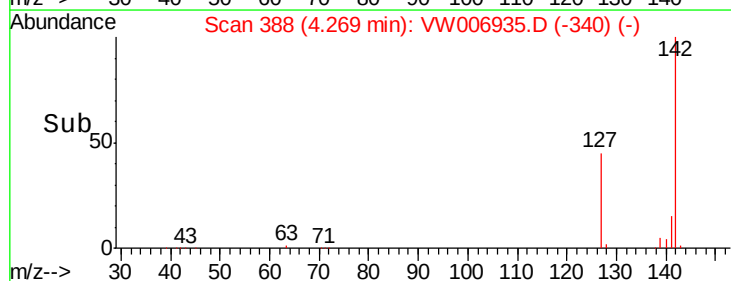
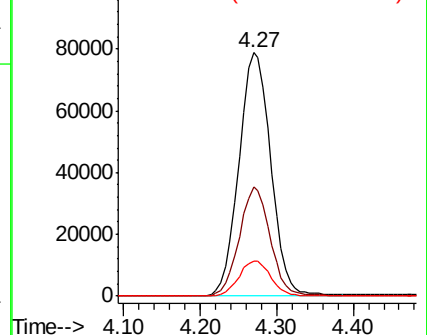
141 14.4 11.5 17.3

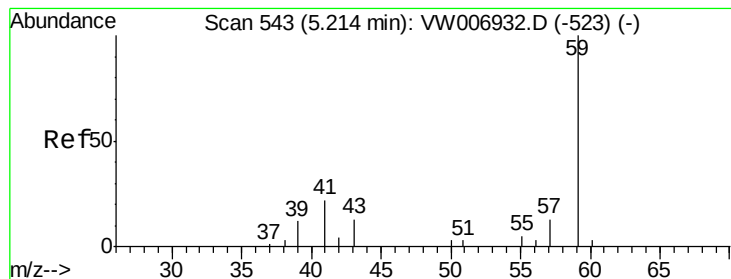


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



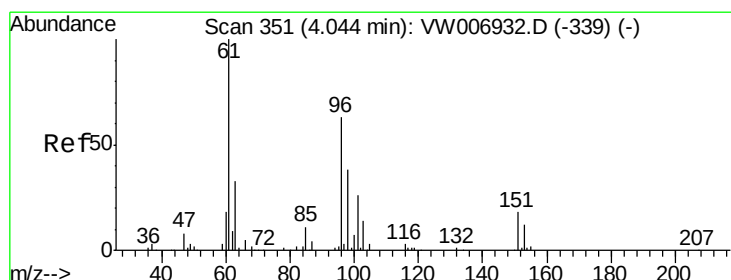
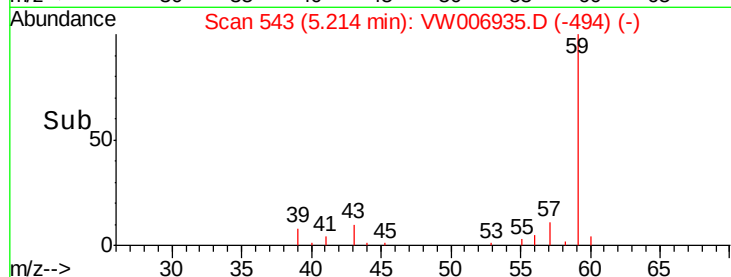
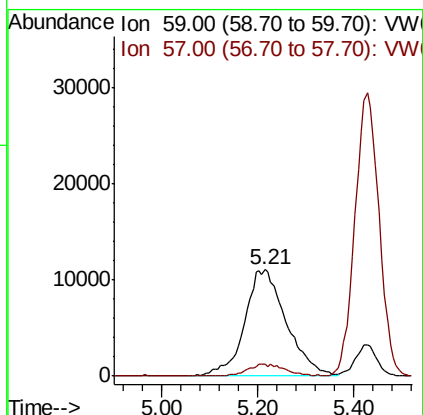
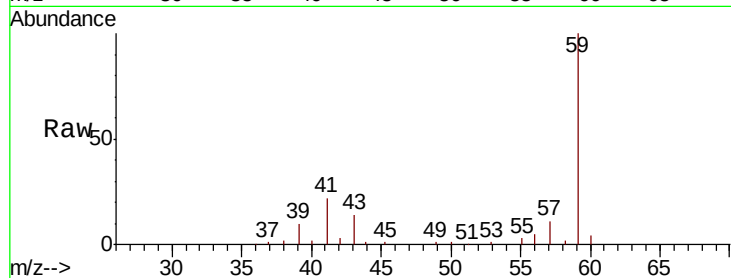


#11

Tert butyl alcohol
 Concen: 1120.653 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

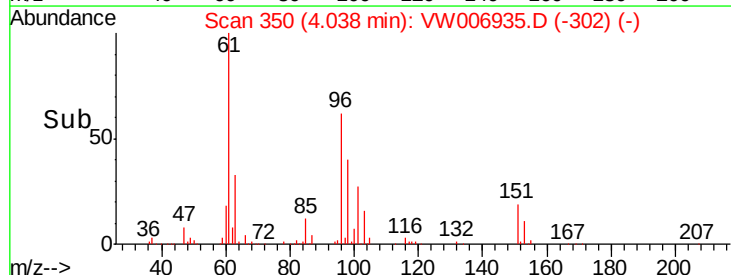
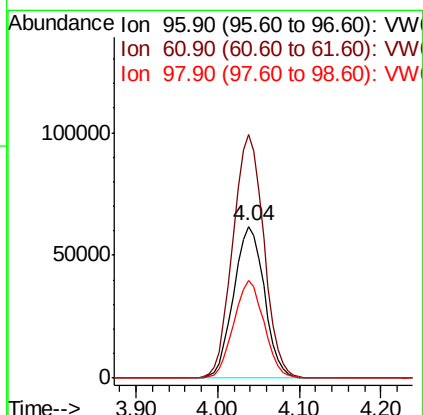
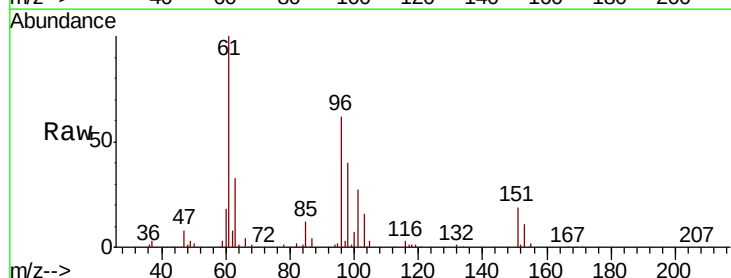
Tgt Ion: 59 Resp: 66857
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.8 13.2

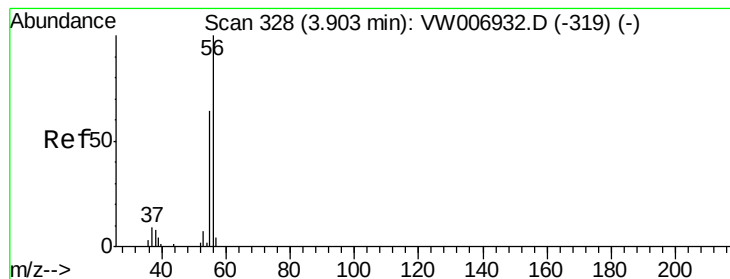


#12

1,1-Dichloroethene
 Concen: 181.588 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion: 96 Resp: 161209
 Ion Ratio Lower Upper
 96 100
 61 160.4 127.8 191.8
 98 64.1 48.3 72.5





#13

Acrolein

Concen: 1089.210 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

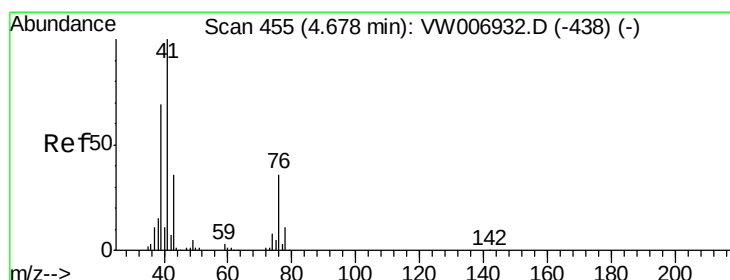
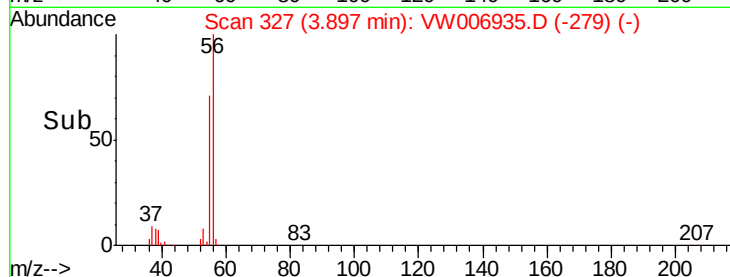
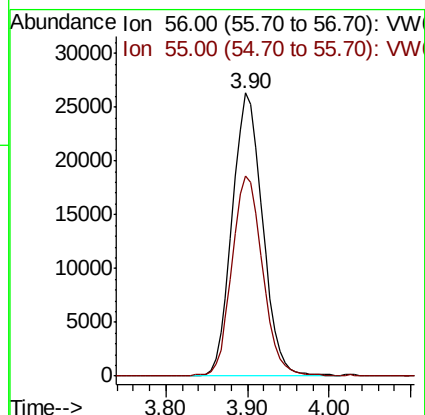
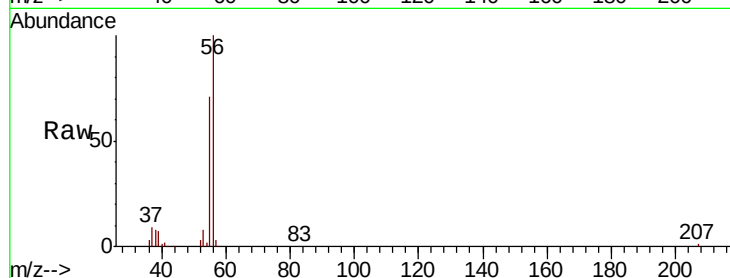
VSTDIC150

Tgt Ion: 56 Resp: 67883

Ion Ratio Lower Upper

56 100

55 71.3 56.5 84.7



#14

Allyl chloride

Concen: 231.669 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

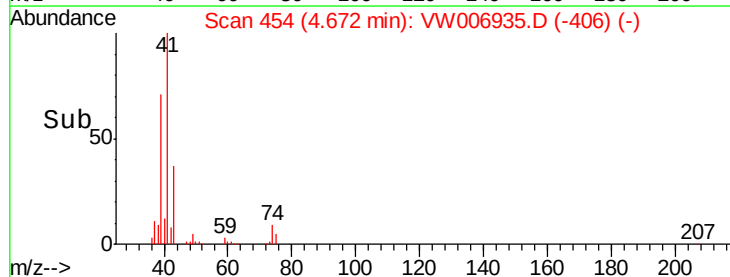
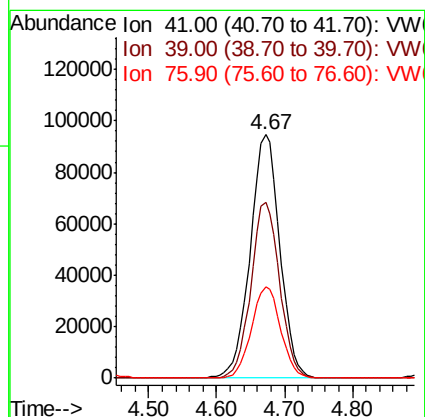
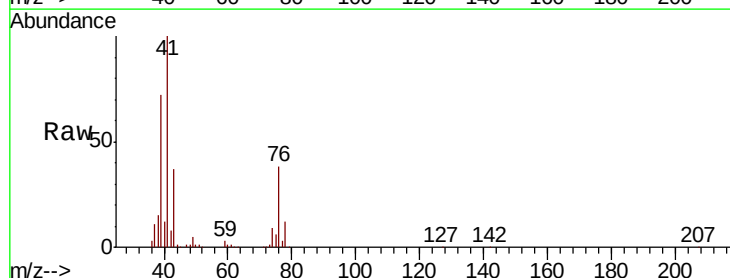
Tgt Ion: 41 Resp: 288130

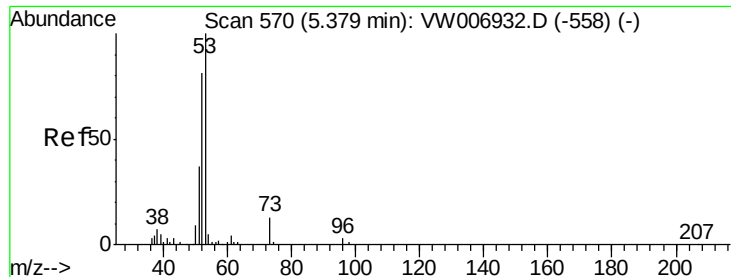
Ion Ratio Lower Upper

41 100

39 70.0 55.0 82.4

76 36.8 28.0 42.0





#15

Acrylonitrile

Concen: 1095.317 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

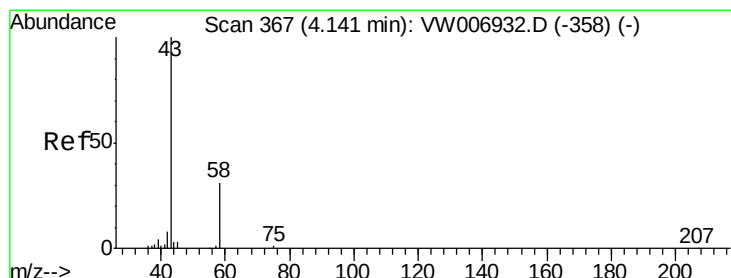
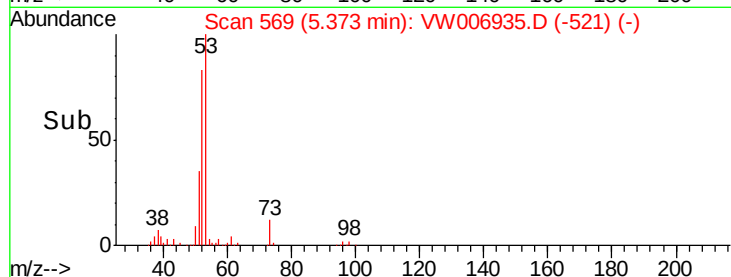
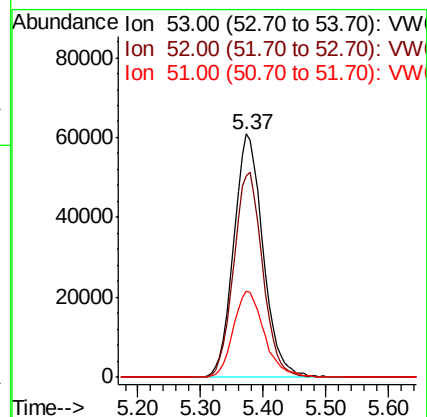
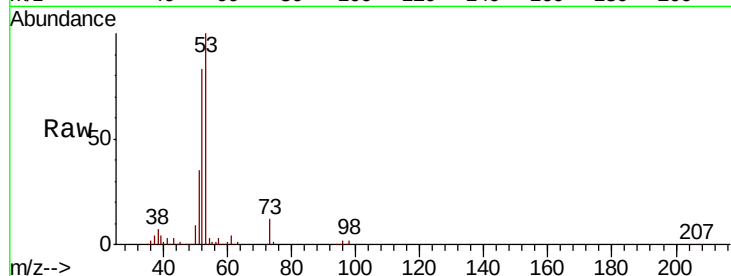
Tgt Ion: 53 Resp: 197523

Ion Ratio Lower Upper

53 100

52 83.1 67.0 100.6

51 37.3 29.8 44.6



#16

Acetone

Concen: 1121.606 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006935.D

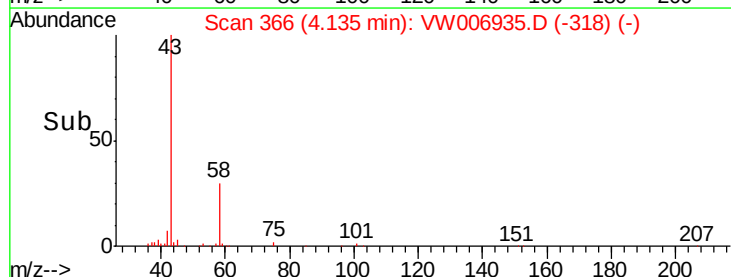
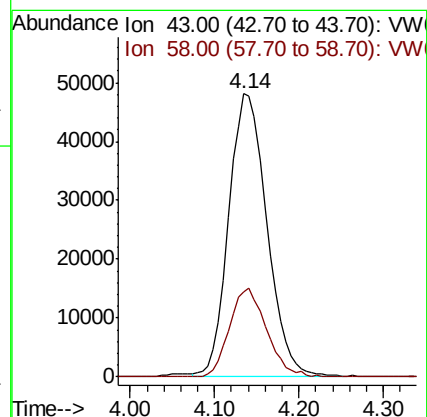
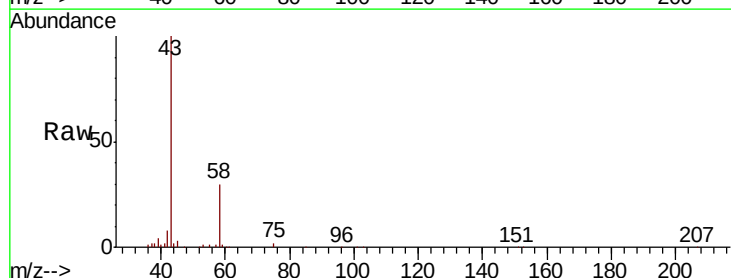
Acq: 17 Nov 2018 01:26

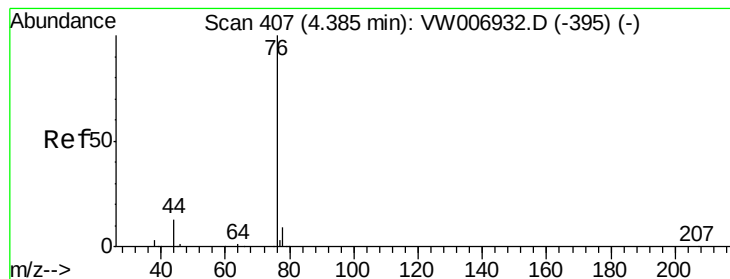
Tgt Ion: 43 Resp: 147541

Ion Ratio Lower Upper

43 100

58 30.0 24.2 36.4





#17

Carbon Disulfide

Concen: 184.149 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

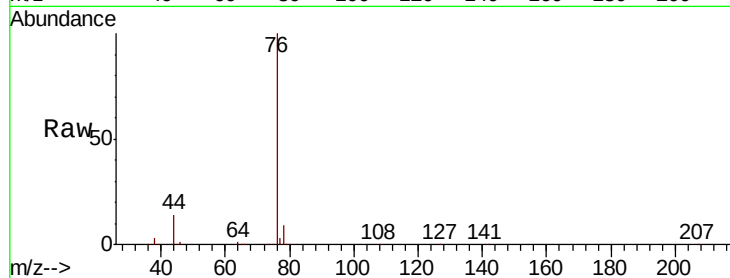
VSTDIC150

Tgt Ion: 76 Resp: 516918

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

200000

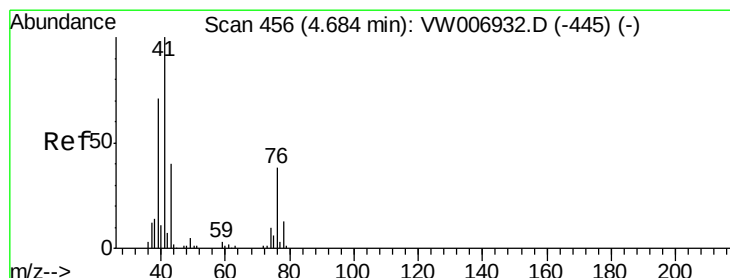
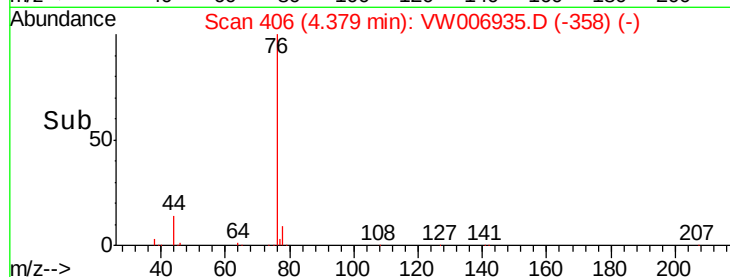
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 237.089 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006935.D

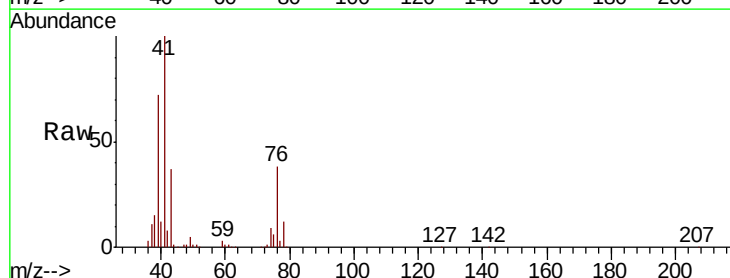
Acq: 17 Nov 2018 01:26

Tgt Ion: 43 Resp: 107055

Ion Ratio Lower Upper

43 100

74 24.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

40000

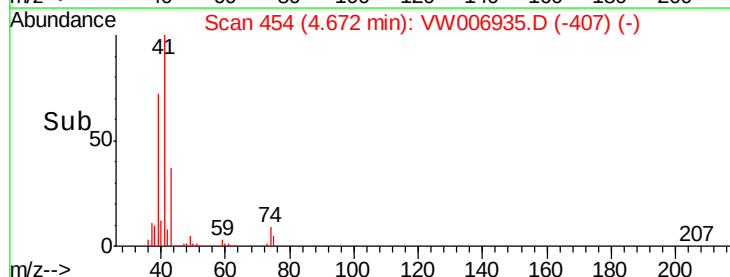
30000

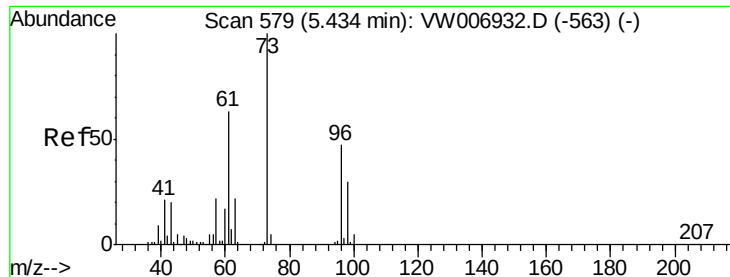
20000

10000

0

Time-->

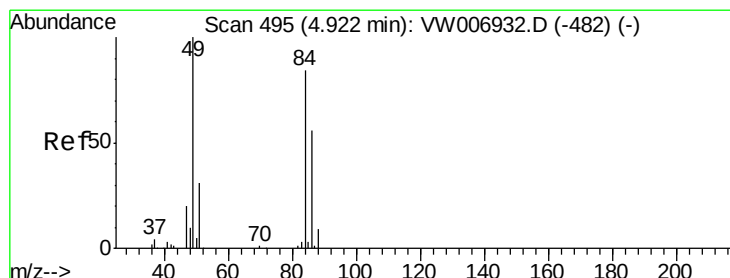
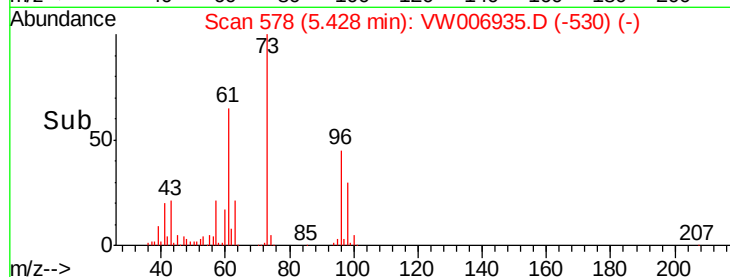
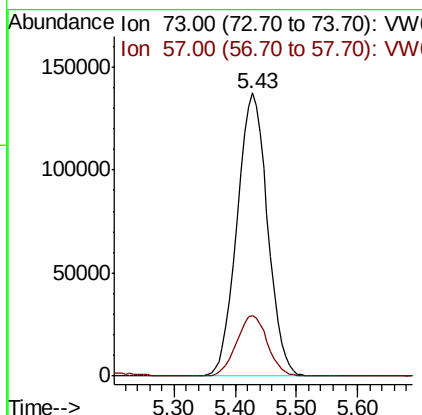
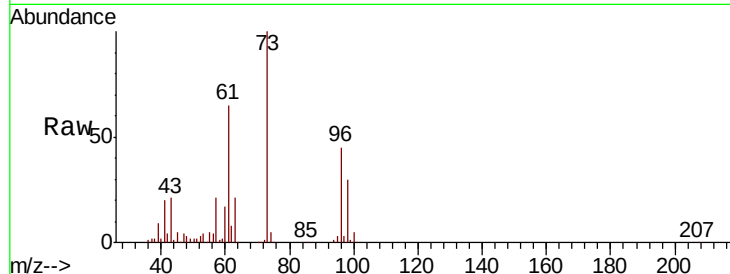




#19
Methyl tert-butyl Ether
Concen: 215.554 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

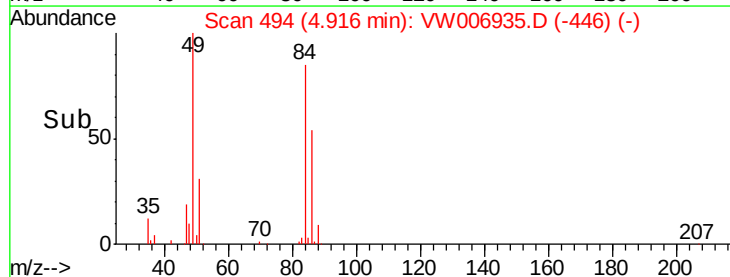
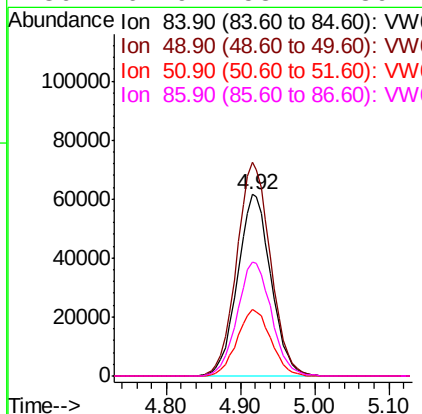
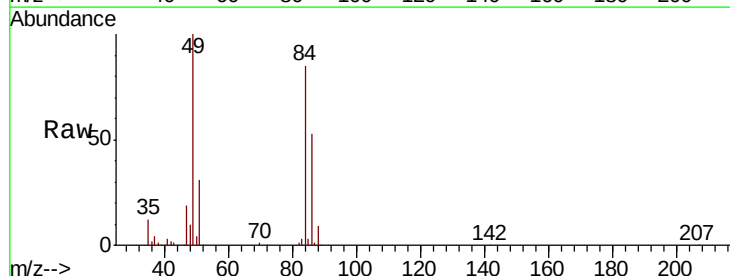
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

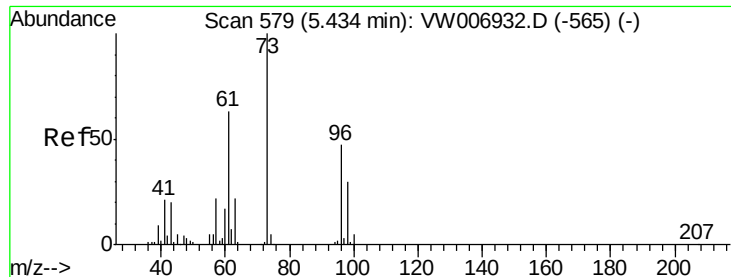
Tgt Ion: 73 Resp: 473928
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 140.990 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 84 Resp: 193470
Ion Ratio Lower Upper
84 100
49 117.6 95.4 143.2
51 36.3 29.5 44.3
86 62.9 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 181.806 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

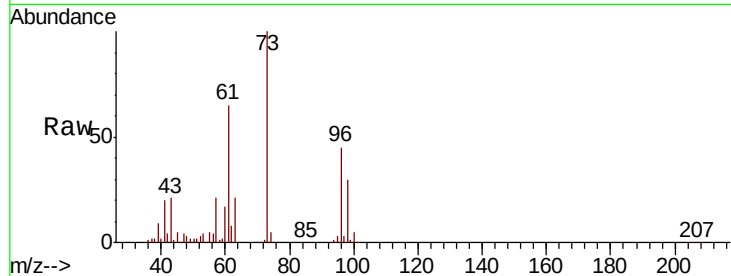
Tgt Ion: 96 Resp: 190559

Ion Ratio Lower Upper

96 100

61 143.2 108.2 162.4

98 65.4 50.6 76.0

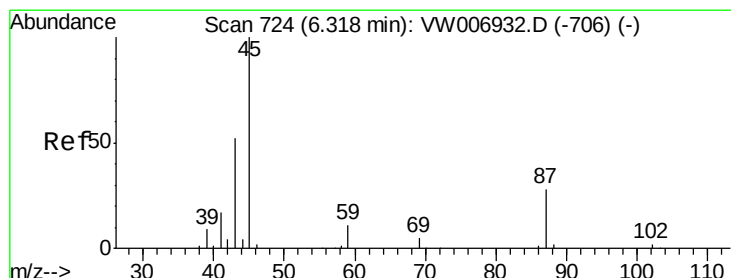
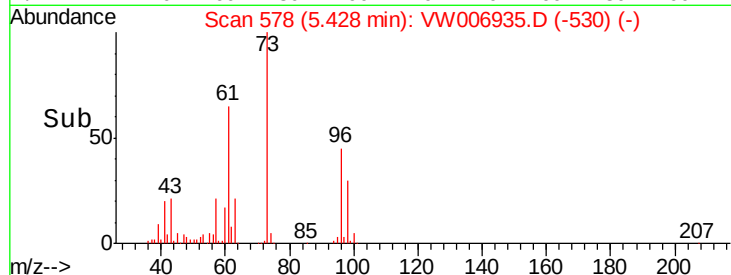
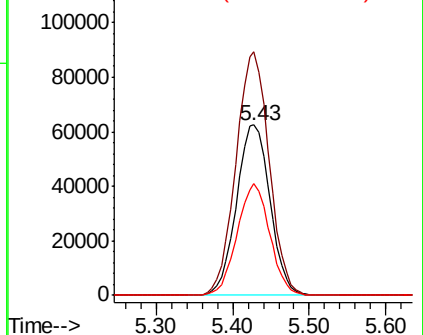


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 224.485 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Tgt Ion: 45 Resp: 575114

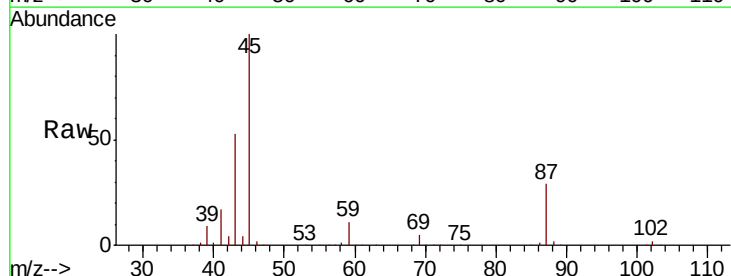
Ion Ratio Lower Upper

45 100

43 52.6 43.1 64.7

87 29.4 22.7 34.1

59 11.1 9.0 13.4



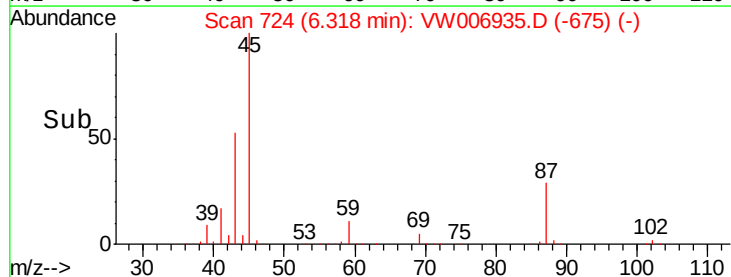
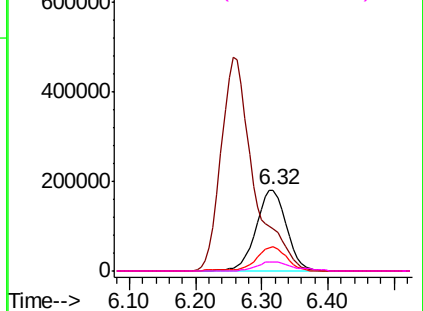
Abundance

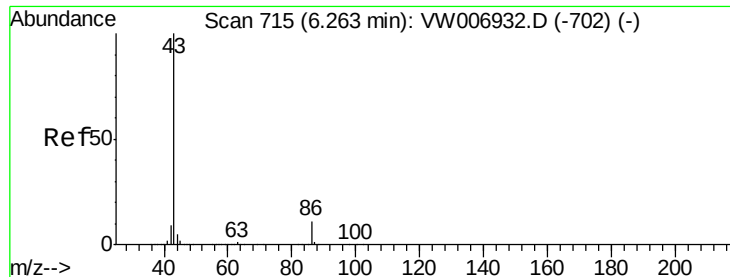
Ion 45.00 (44.70 to 45.70): VW

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: 1127.066 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

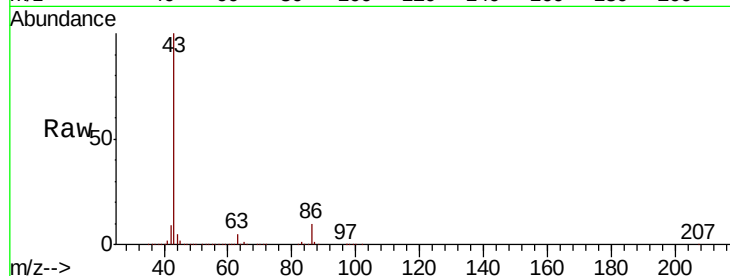
VSTDIC150

Tgt Ion: 43 Resp: 1625983

Ion Ratio Lower Upper

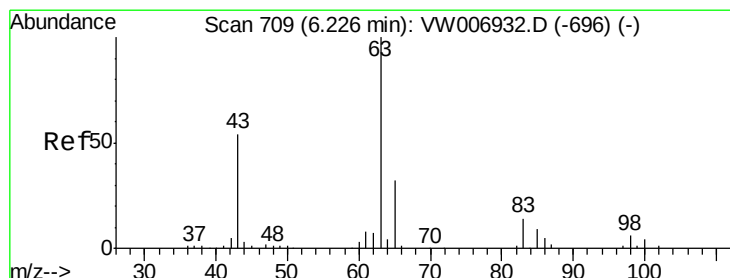
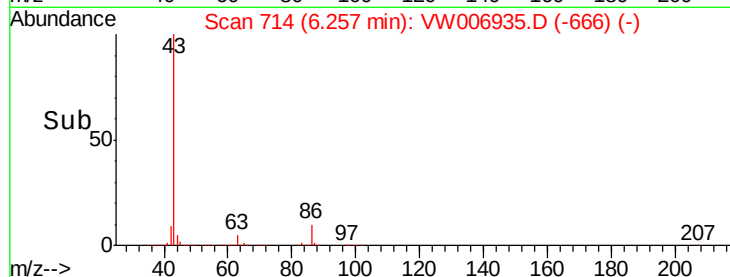
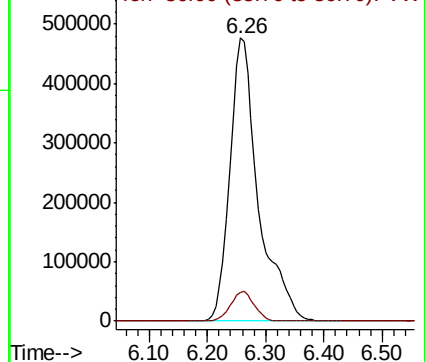
43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 209.257 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

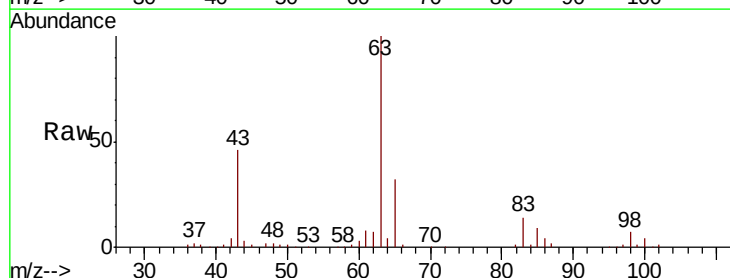
Tgt Ion: 63 Resp: 345343

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

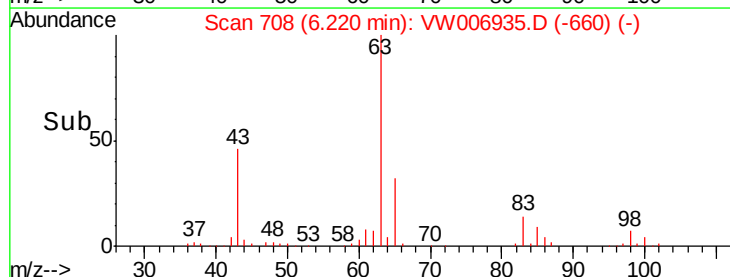
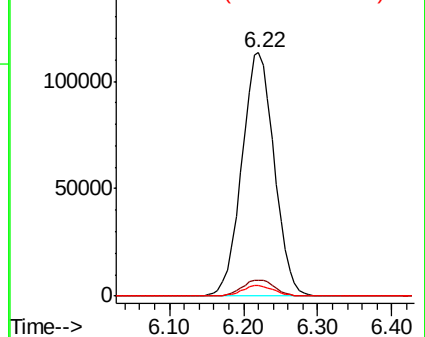
100 4.2 2.1 6.5

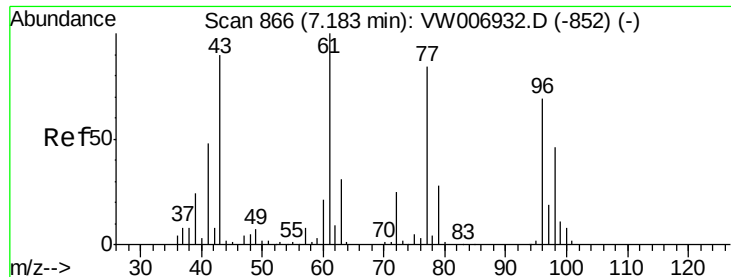


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

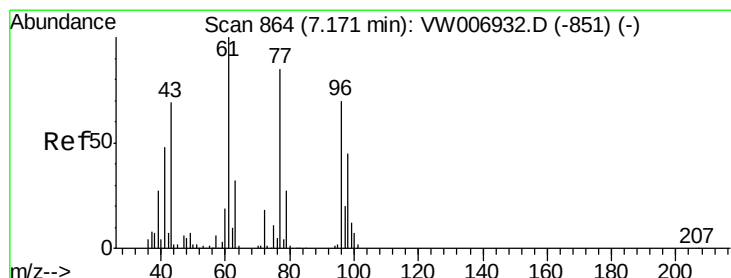
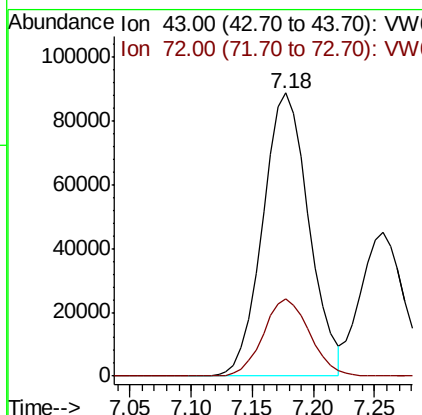
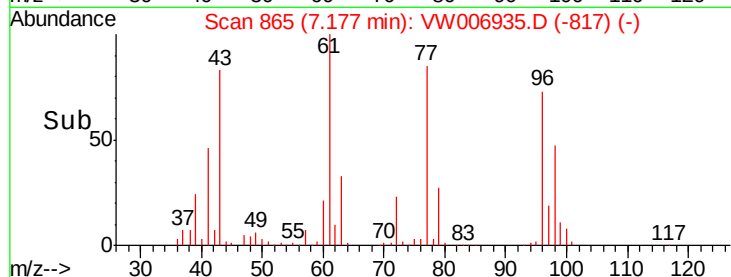
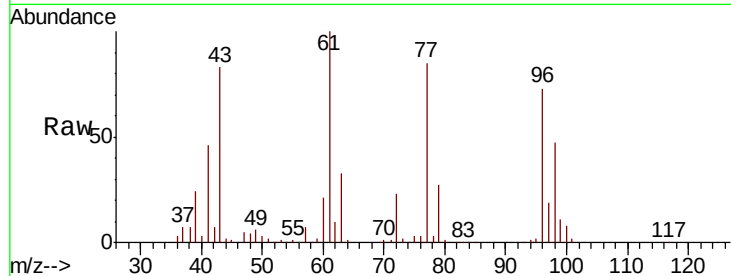




#25
2-Butanone
Concen: 1055.979 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

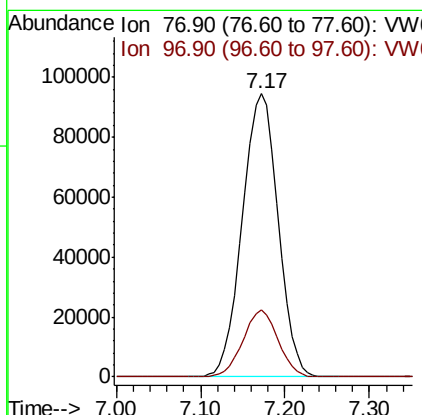
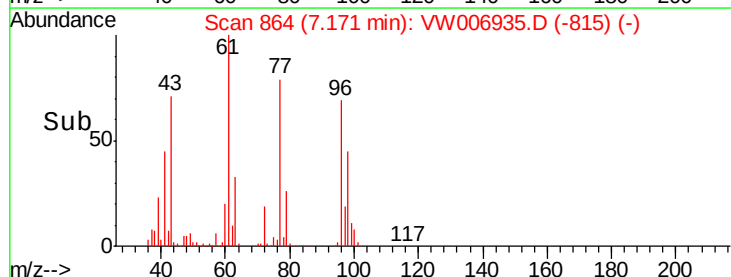
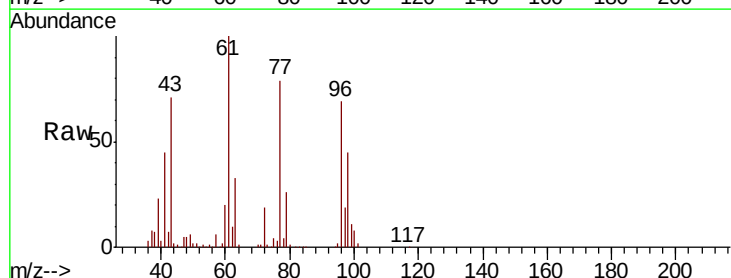
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

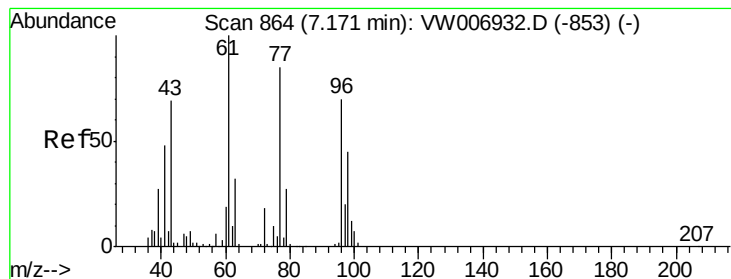
Tgt Ion: 43 Resp: 233301
Ion Ratio Lower Upper
43 100
72 27.5 22.1 33.1



#26
2,2-Dichloropropane
Concen: 169.119 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 77 Resp: 272416
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9



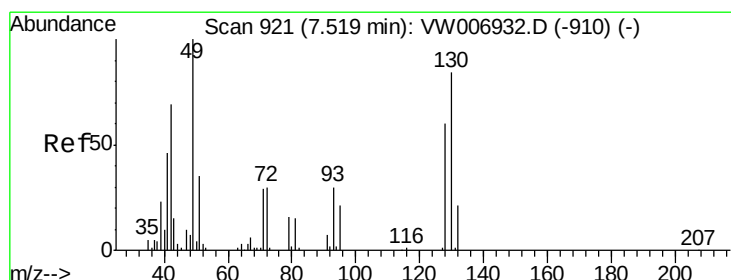
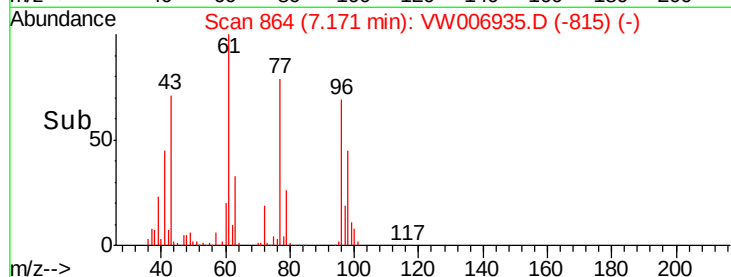
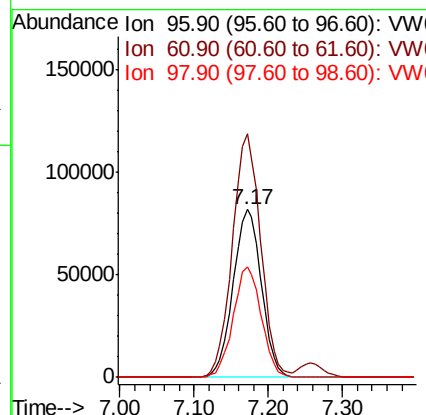
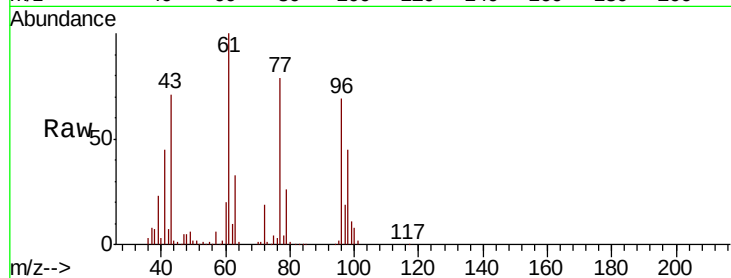


#27

cis-1,2-Dichloroethene
Concen: 193.364 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

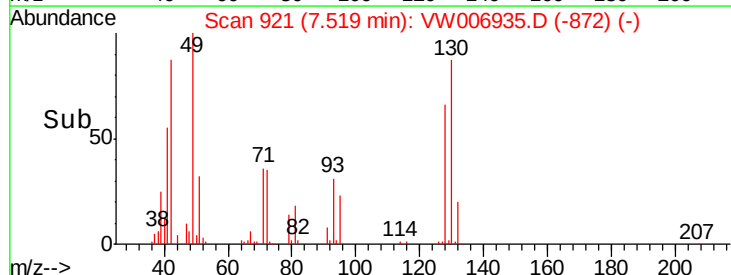
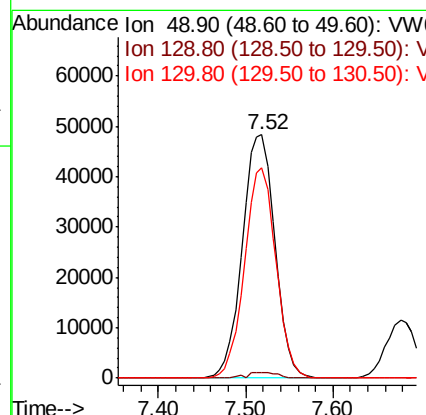
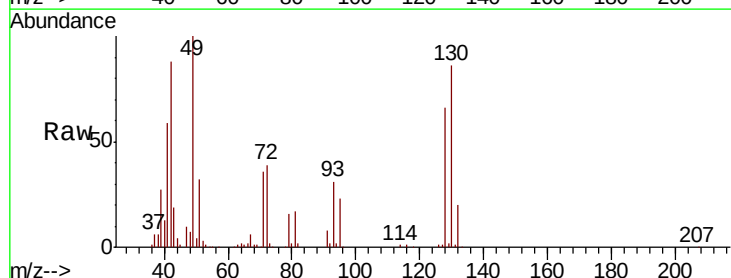
Tgt Ion: 96 Resp: 217702
Ion Ratio Lower Upper
96 100
61 145.5 0.0 293.8
98 65.3 0.0 131.0

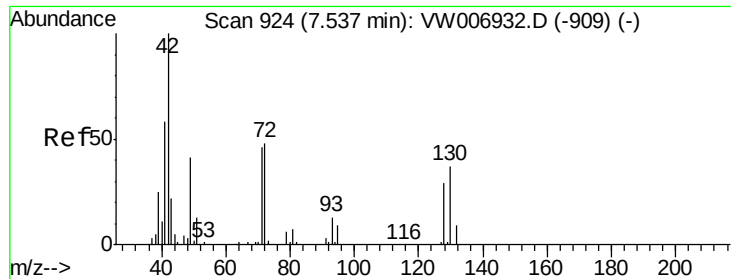


#28

Bromochloromethane
Concen: 215.426 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 49 Resp: 125181
Ion Ratio Lower Upper
49 100
129 2.1 0.0 1.6#
130 83.0 66.1 99.1

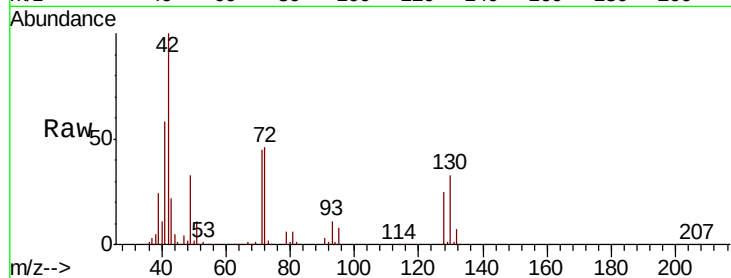




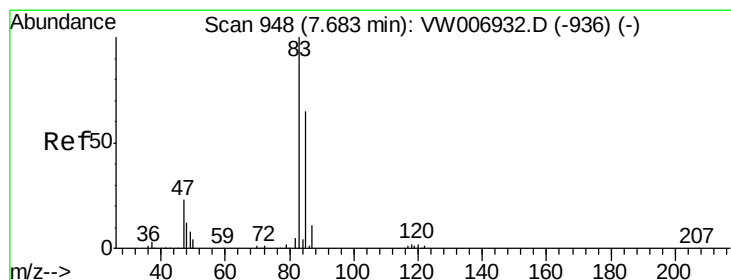
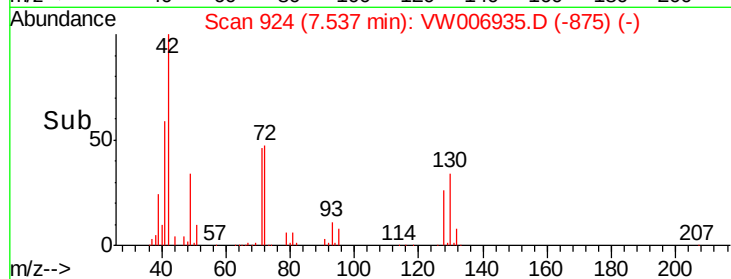
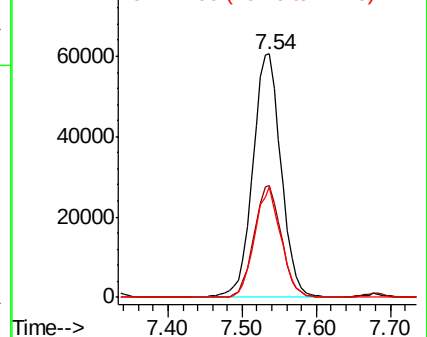
#29
Tetrahydrofuran
Concen: 1140.817 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 161352
Ion Ratio Lower Upper
42 100
72 44.1 35.7 53.5
71 42.2 33.7 50.5

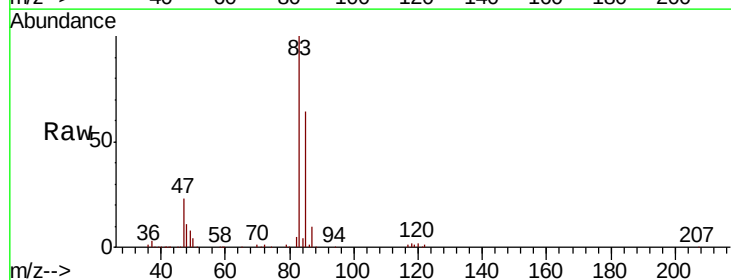


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

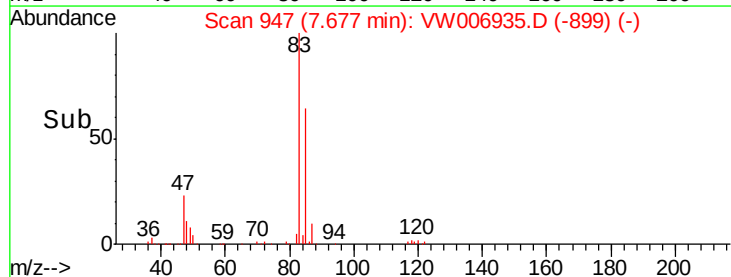
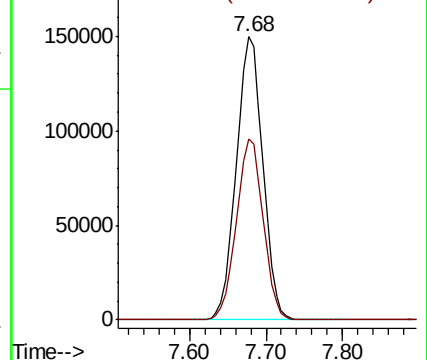


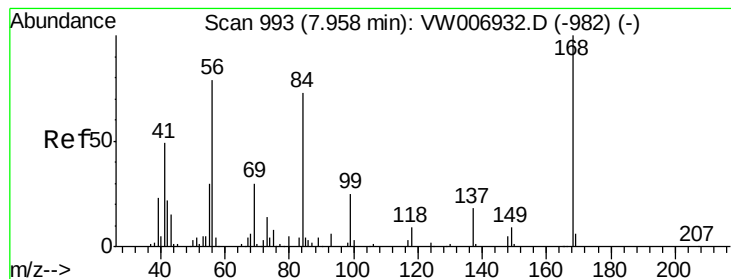
#30
Chloroform
Concen: 200.907 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 83 Resp: 359396
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.4



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





#31

Cyclohexane

Concen: 165.828 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

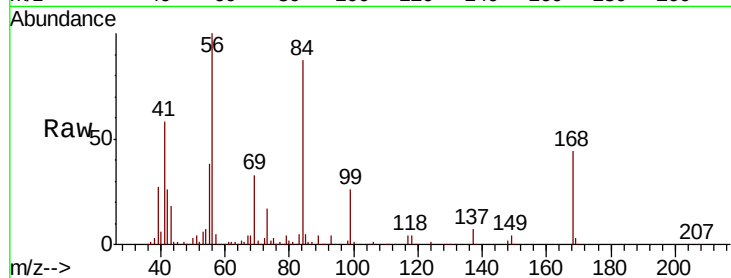
Tgt Ion: 56 Resp: 276973

Ion Ratio Lower Upper

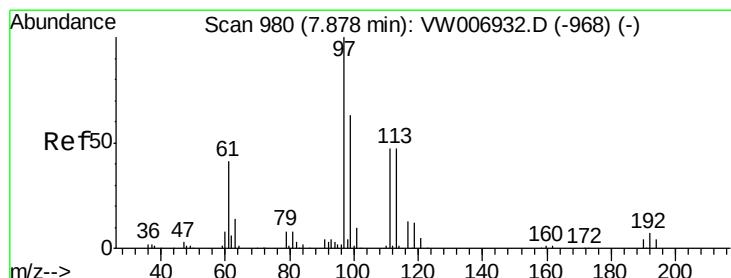
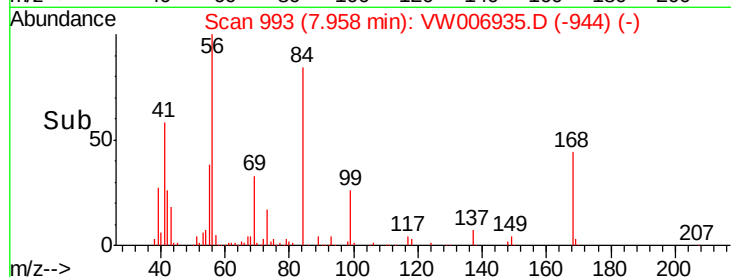
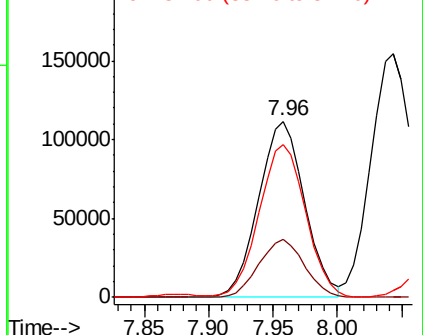
56 100

69 33.2 30.2 45.2

84 85.3 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 174.827 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

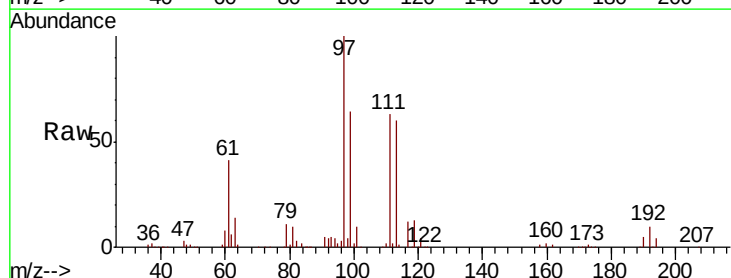
Tgt Ion: 97 Resp: 296908

Ion Ratio Lower Upper

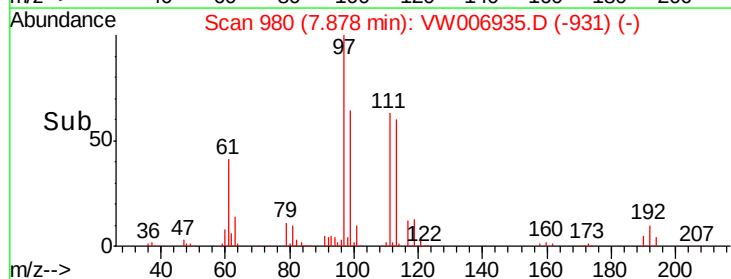
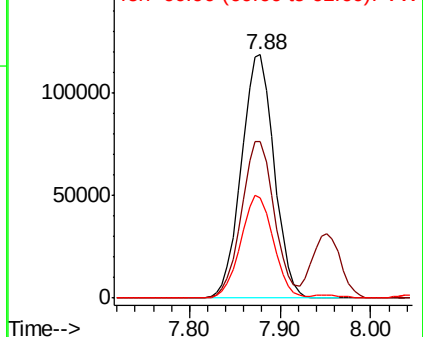
97 100

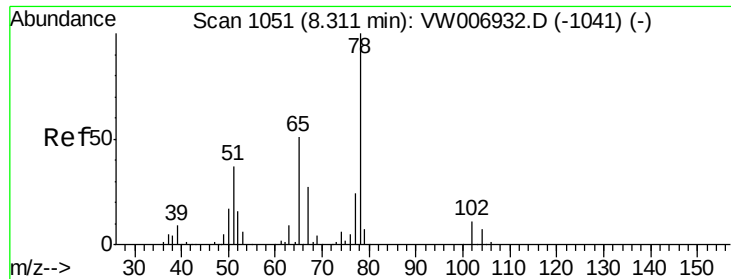
99 65.2 51.0 76.6

61 42.2 34.2 51.2



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

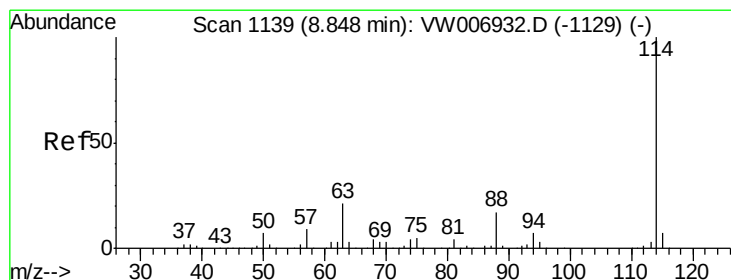
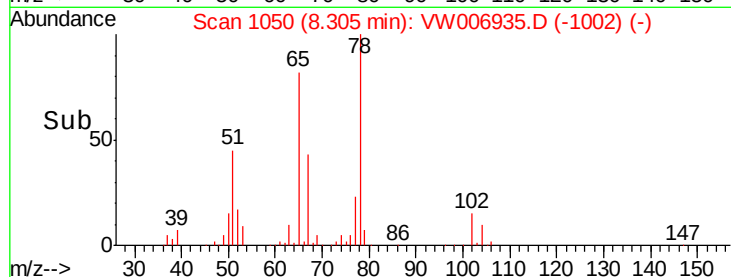
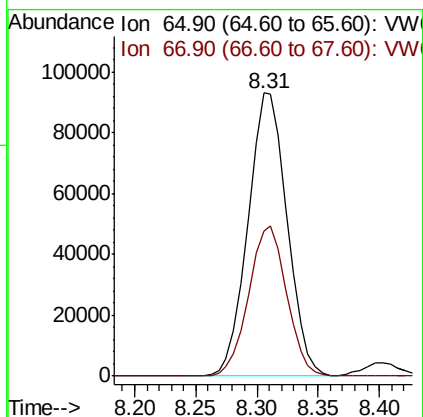
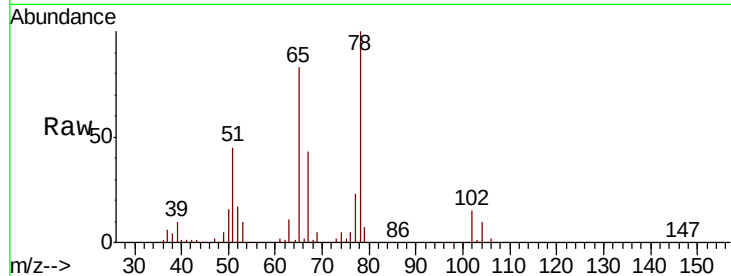




#33
1,2-Dichloroethane-d4
Concen: 227.166 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

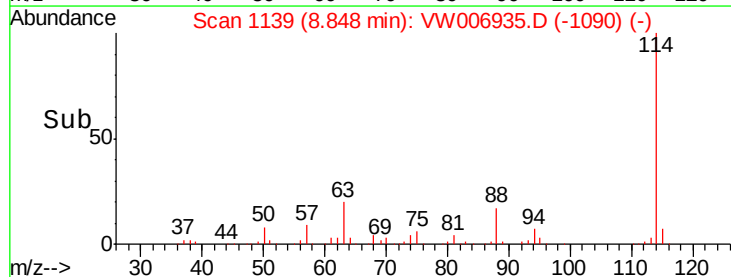
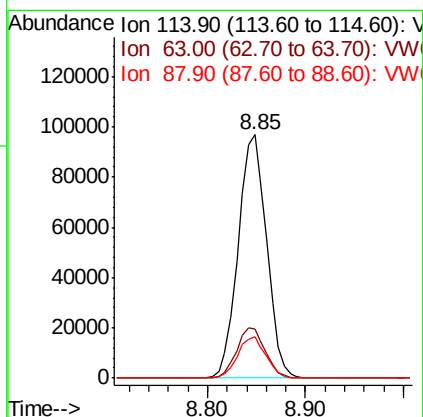
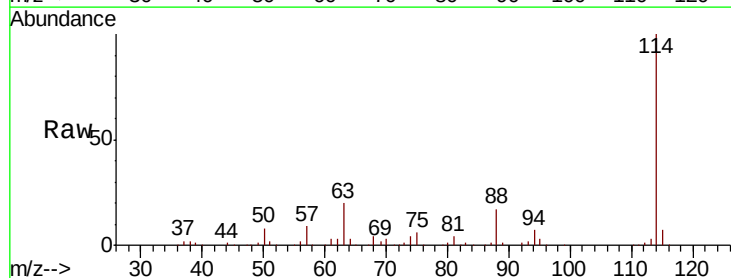
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

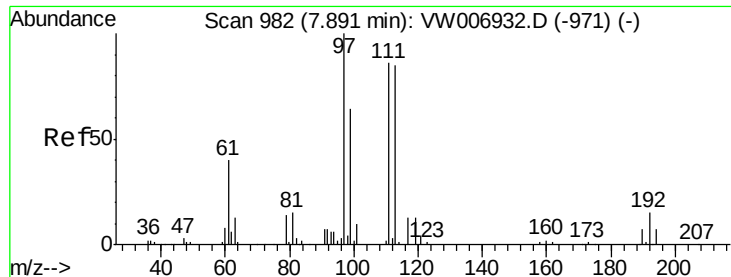
Tgt Ion: 65 Resp: 207076
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 114 Resp: 194719
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.2
88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 164.545 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

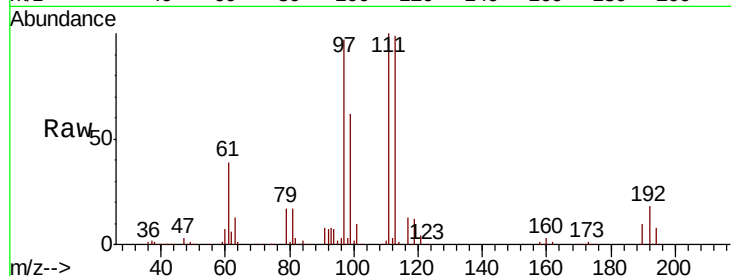
Tgt Ion:113 Resp: 193233

Ion Ratio Lower Upper

113 100

111 103.1 81.7 122.5

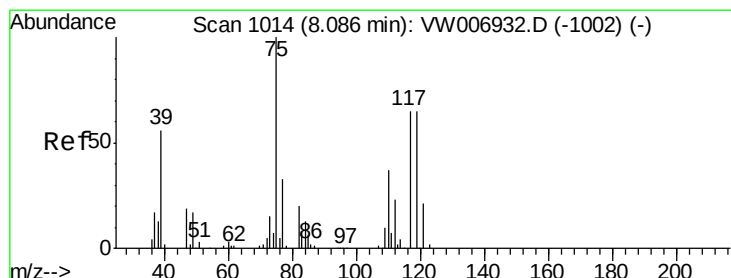
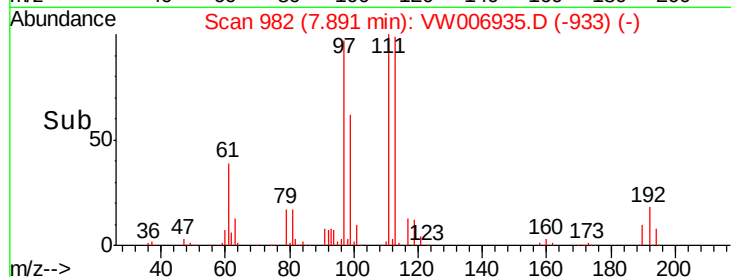
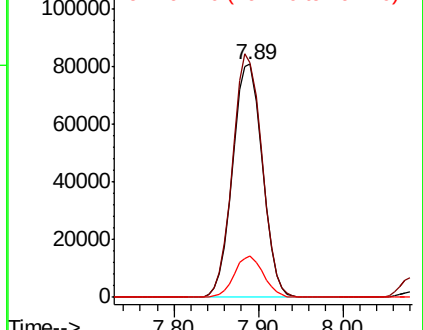
192 17.3 13.9 20.9



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: 140.528 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

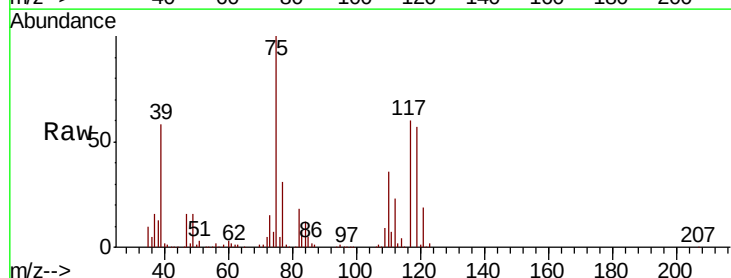
Tgt Ion: 75 Resp: 256372

Ion Ratio Lower Upper

75 100

110 35.1 18.1 54.1

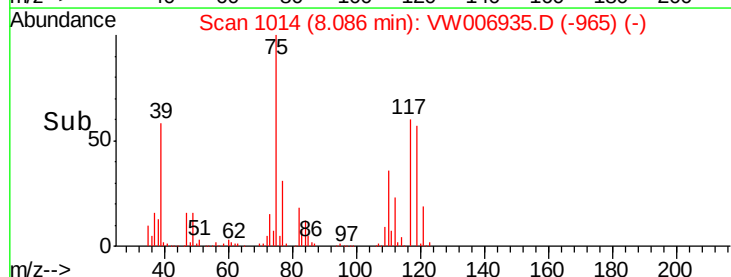
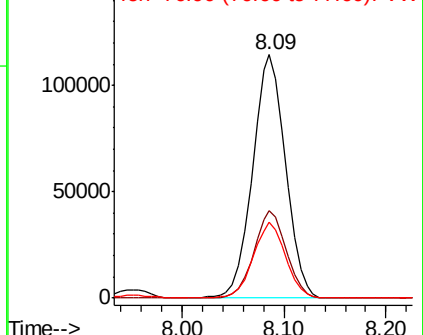
77 30.9 25.4 38.0

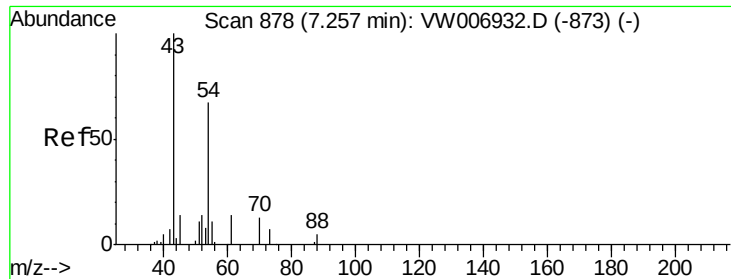


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

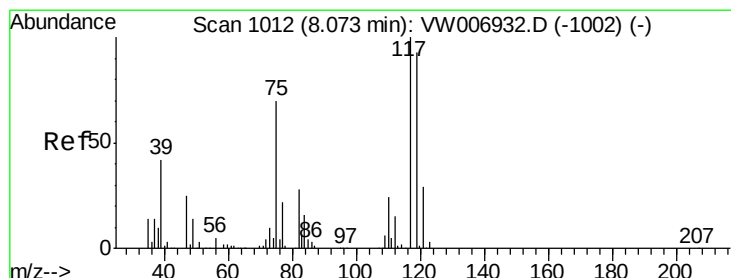
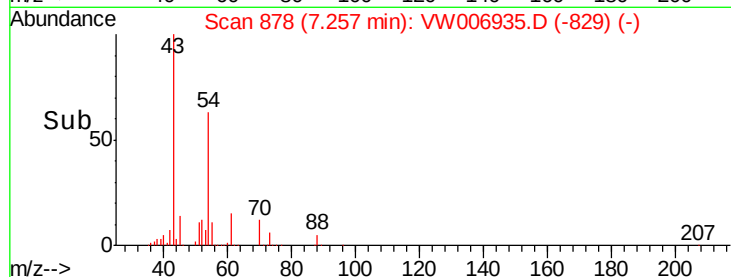
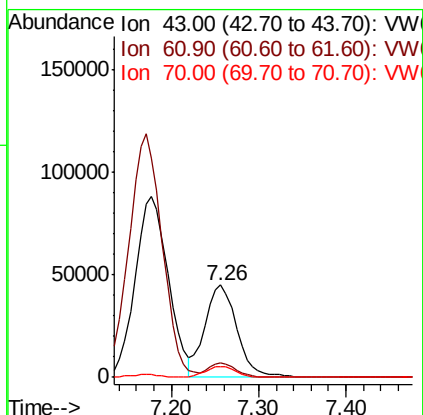
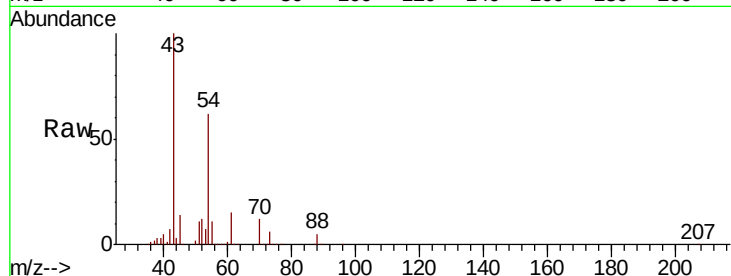




#37
Ethyl Acetate
Concen: 183.881 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

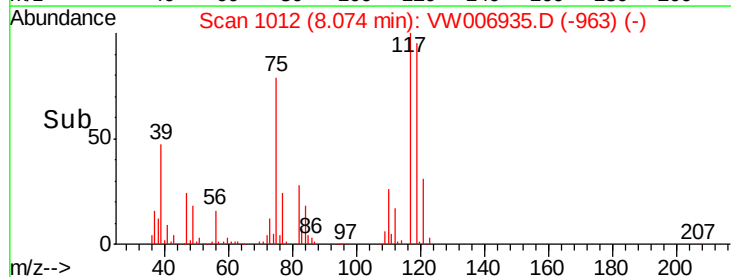
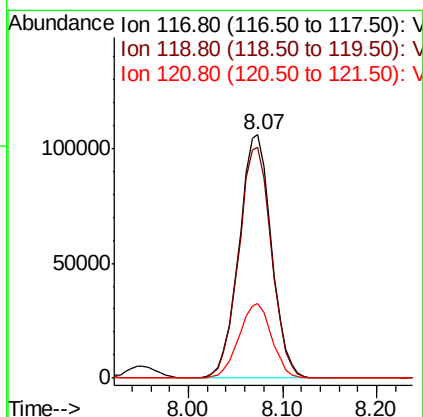
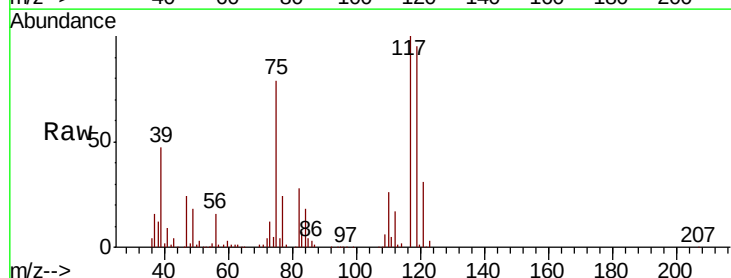
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

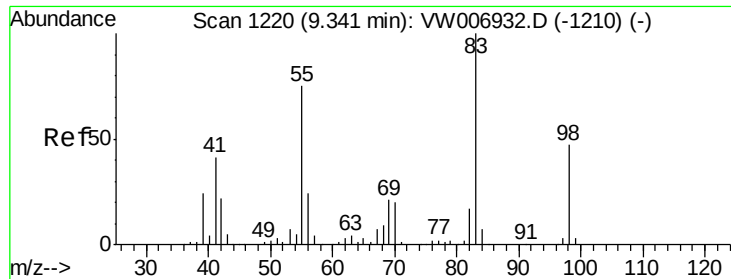
Tgt Ion: 43 Resp: 114586
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 11.3 8.8 13.2



#38
Carbon Tetrachloride
Concen: 130.734 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 117 Resp: 254841
Ion Ratio Lower Upper
117 100
119 94.6 74.2 111.4
121 30.5 23.5 35.3





#39

Methylcyclohexane

Concen: 139.262 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

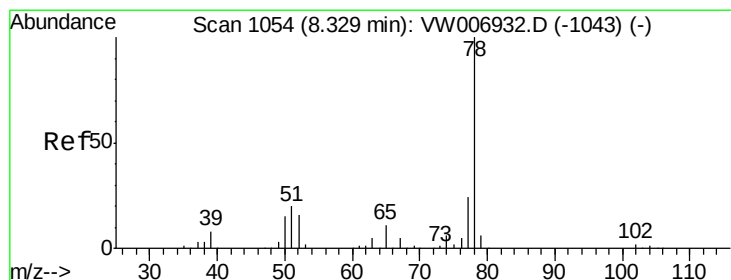
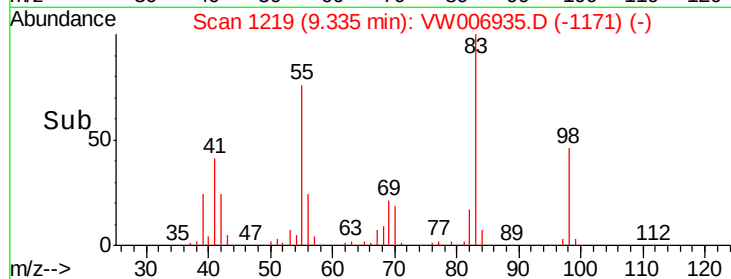
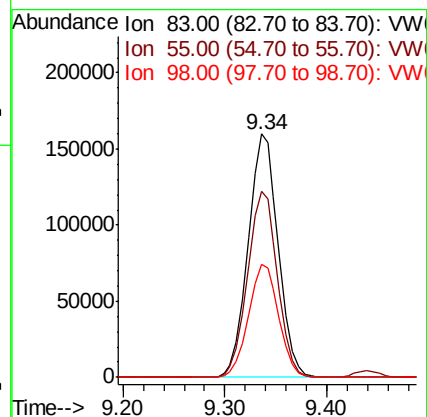
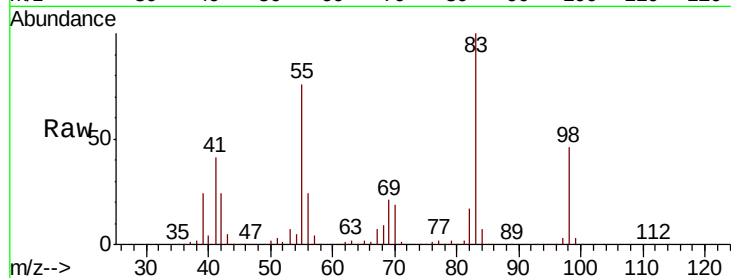
Tgt Ion: 83 Resp: 325754

Ion Ratio Lower Upper

83 100

55 76.4 60.2 90.4

98 46.4 37.3 55.9



#40

Benzene

Concen: 147.428 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006935.D

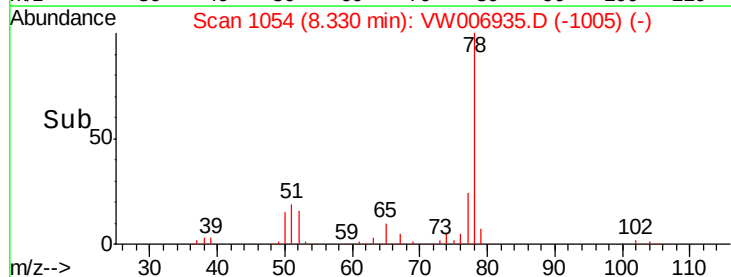
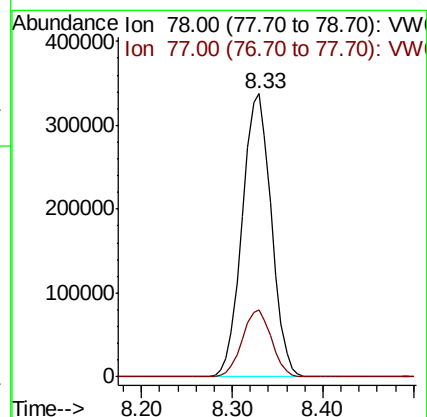
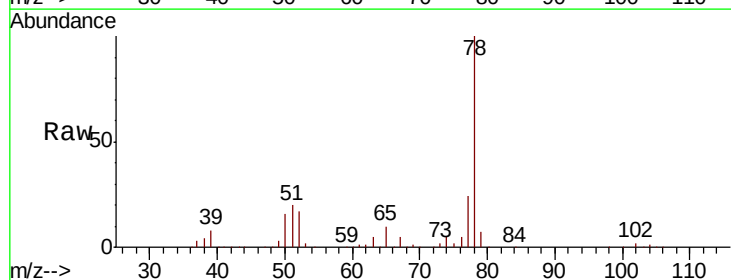
Acq: 17 Nov 2018 01:26

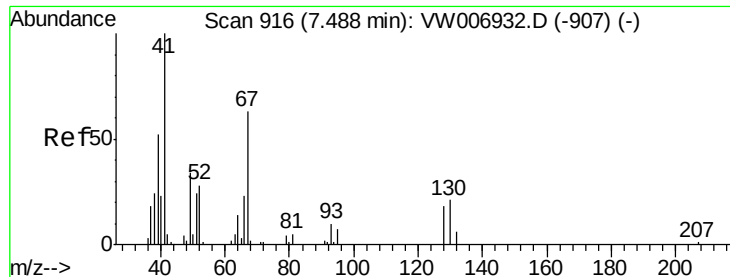
Tgt Ion: 78 Resp: 751385

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

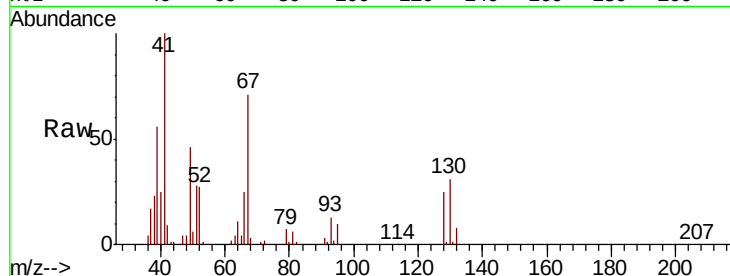




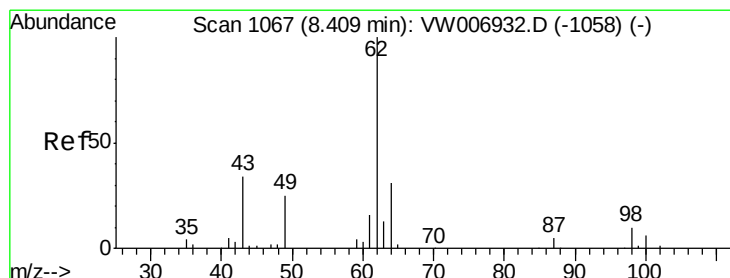
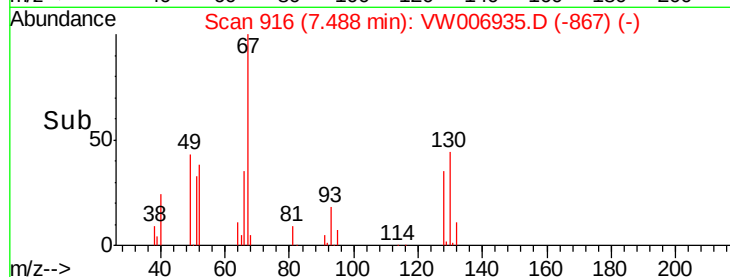
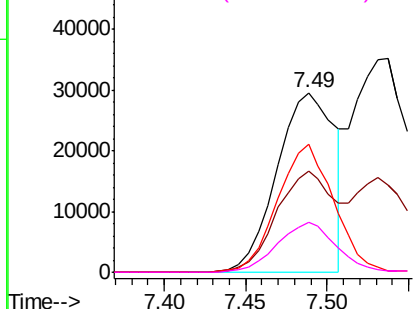
#41
Methacrylonitrile
Concen: 188.921 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	72632
Ion	Ratio	Lower	Upper
41	100		
39	60.4	41.8	62.6
67	69.5	54.7	82.1
52	28.2	23.8	35.8

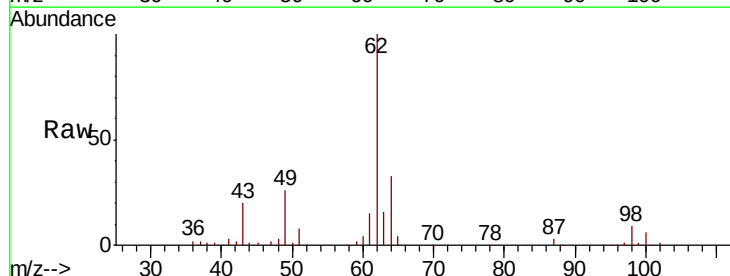


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

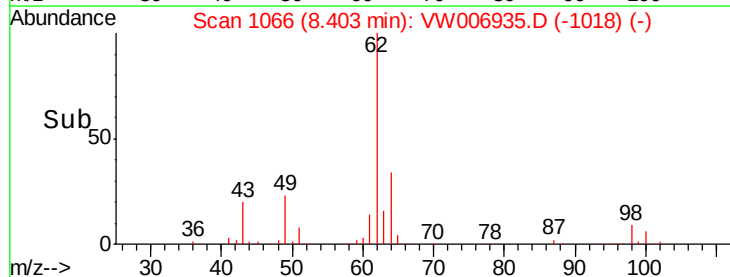
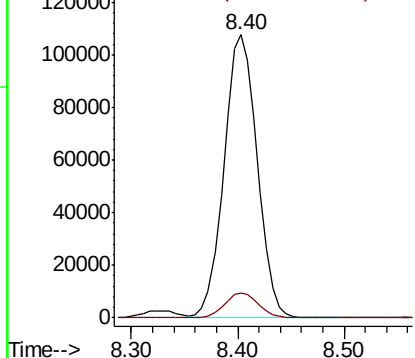


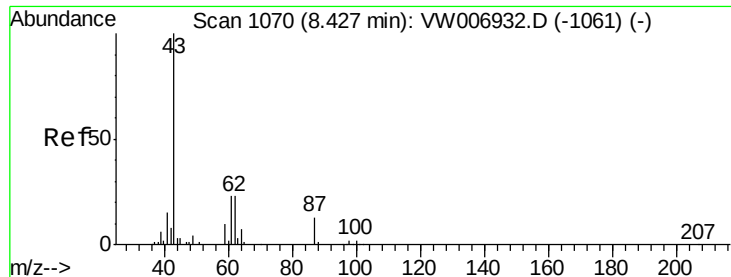
#42
1,2-Dichloroethane
Concen: 168.741 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion:	62	Resp:	233989
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 195.891 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

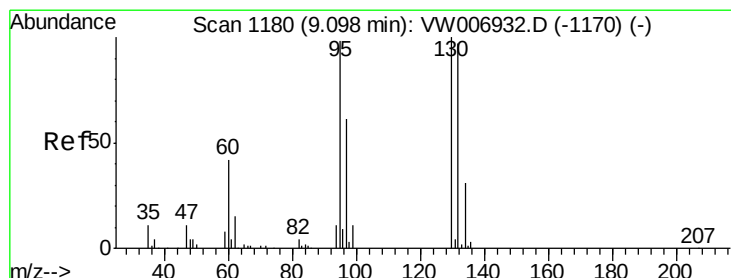
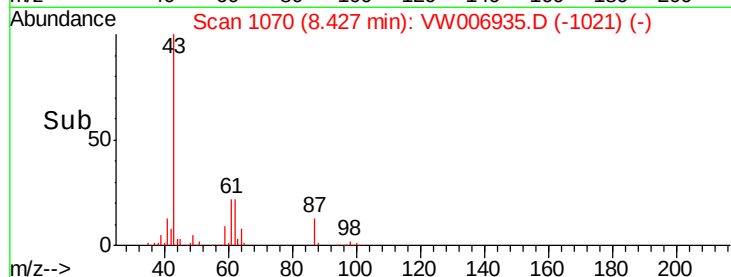
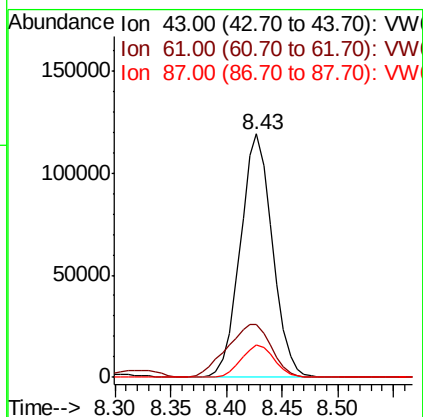
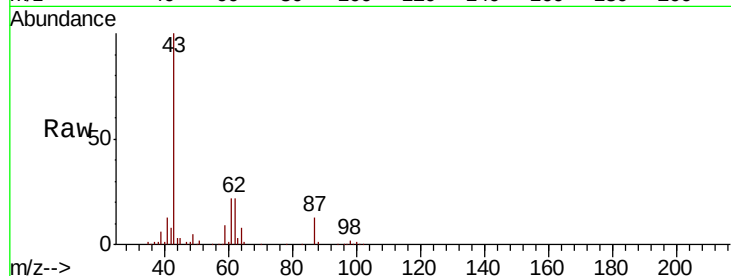
Tgt Ion: 43 Resp: 237766

Ion Ratio Lower Upper

43 100

61 30.3 24.6 37.0

87 13.7 11.0 16.6



#44

Trichloroethene

Concen: 129.613 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006935.D

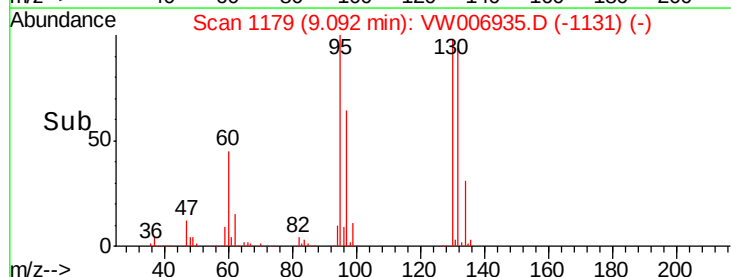
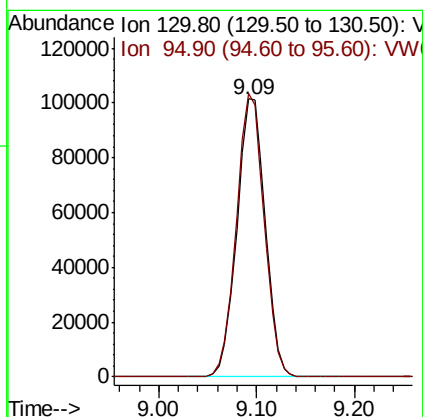
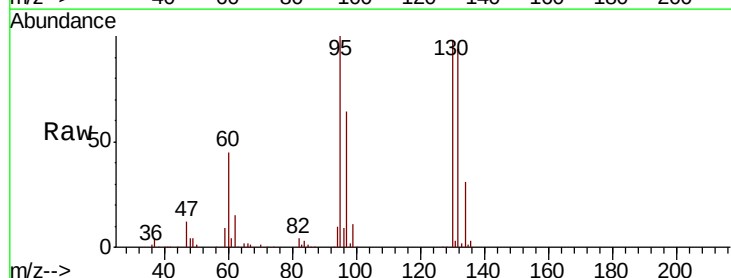
Acq: 17 Nov 2018 01:26

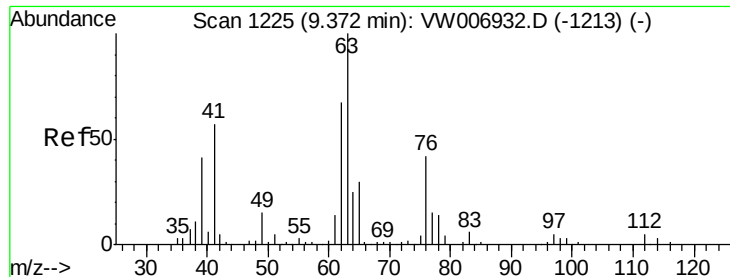
Tgt Ion: 130 Resp: 203510

Ion Ratio Lower Upper

130 100

95 101.8 0.0 196.4





#45

1,2-Dichloropropane

Concen: 157.952 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

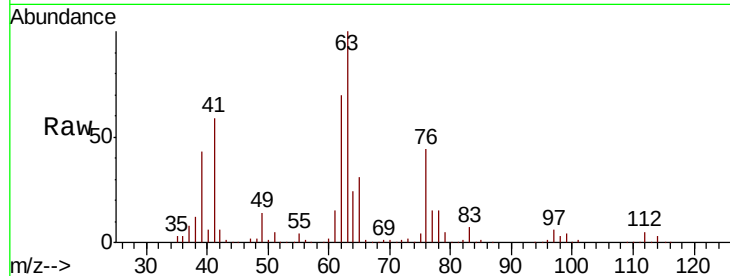
VSTDIC150

Tgt Ion: 63 Resp: 189807

Ion Ratio Lower Upper

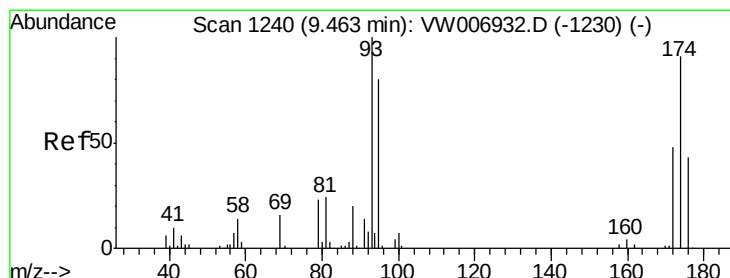
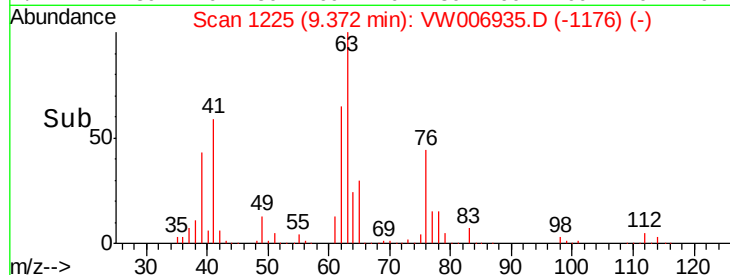
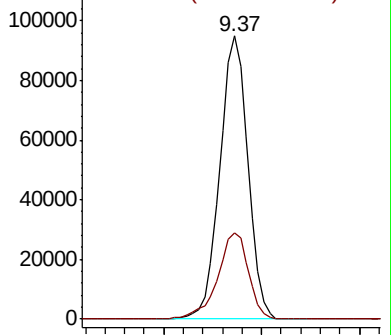
63 100

65 30.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 154.205 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

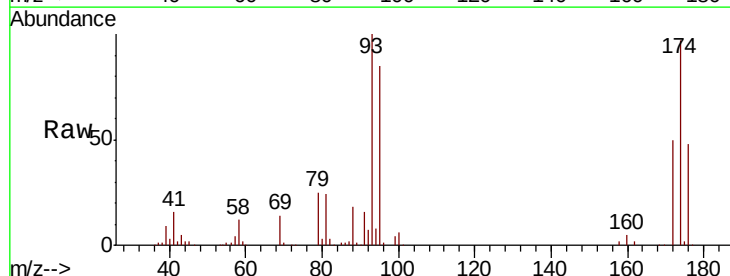
Tgt Ion: 93 Resp: 101616

Ion Ratio Lower Upper

93 100

95 83.0 65.7 98.5

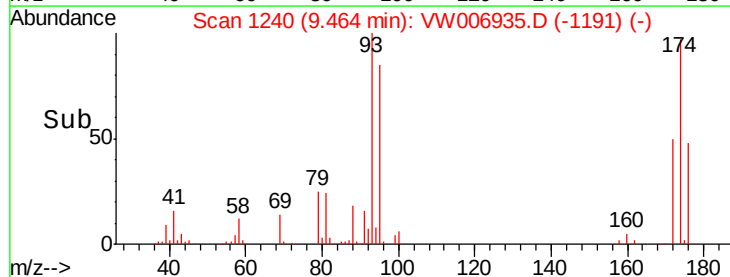
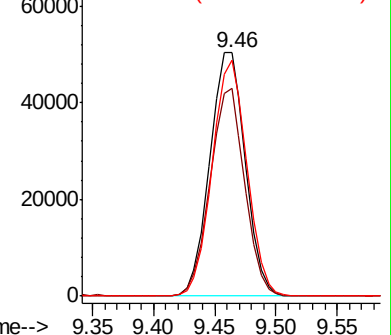
174 94.8 75.0 112.4

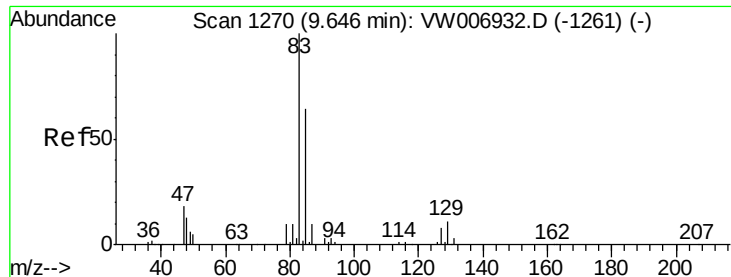


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

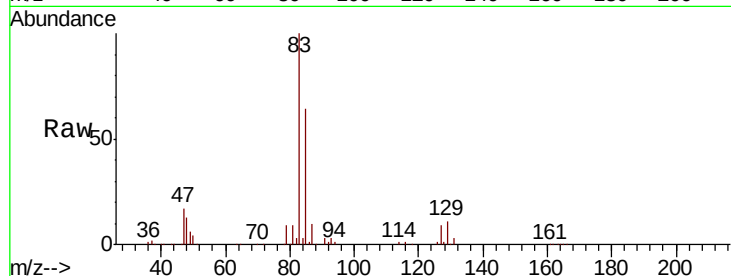




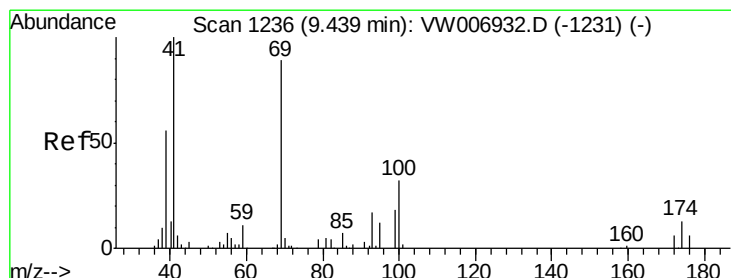
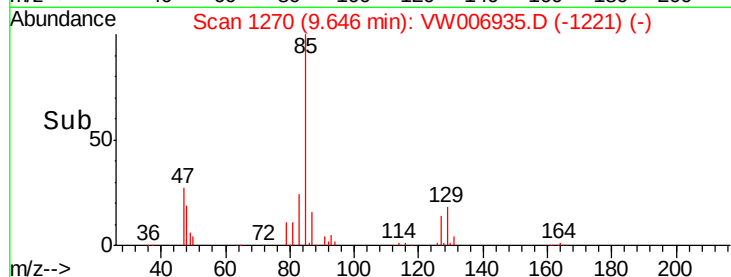
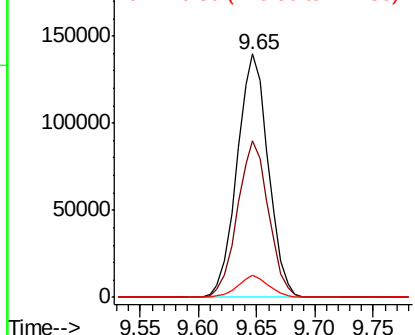
#47
 Bromodichloromethane
 Concen: 158.253 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 83 Resp: 260740
 Ion Ratio Lower Upper
 83 100
 85 64.2 50.8 76.2
 127 8.9 6.6 10.0

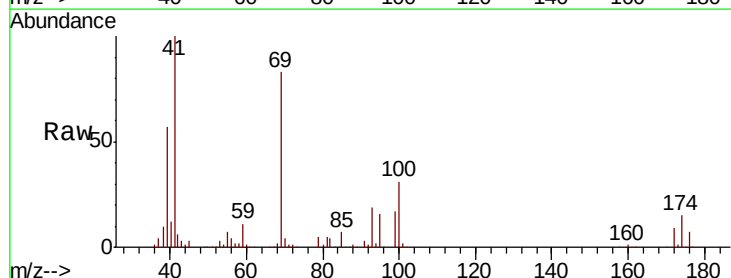


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): VW

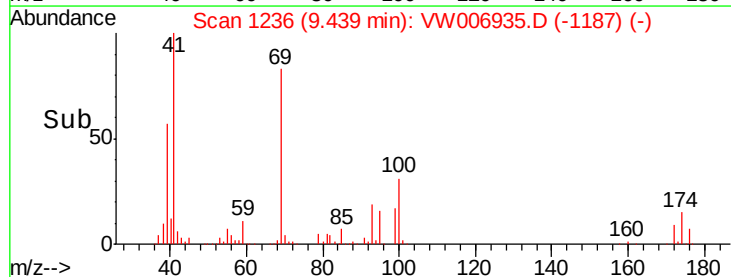
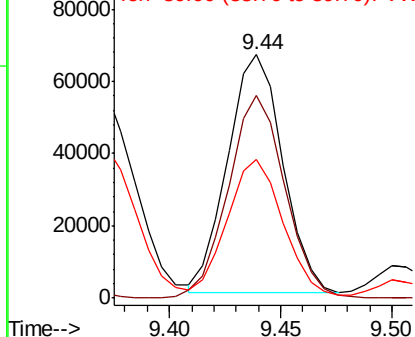


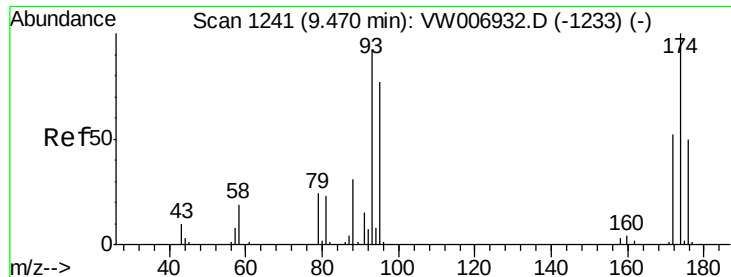
#48
 Methyl methacrylate
 Concen: 192.079 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion: 41 Resp: 113414
 Ion Ratio Lower Upper
 41 100
 69 88.1 73.4 110.0
 39 57.3 46.1 69.1



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

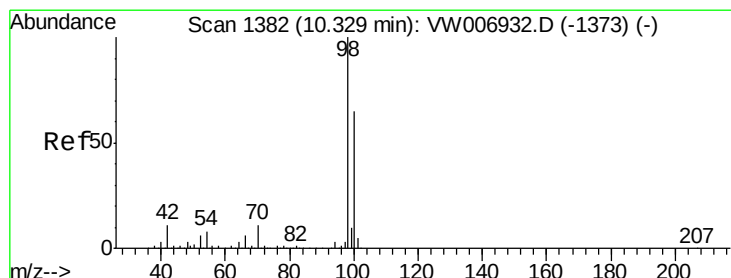
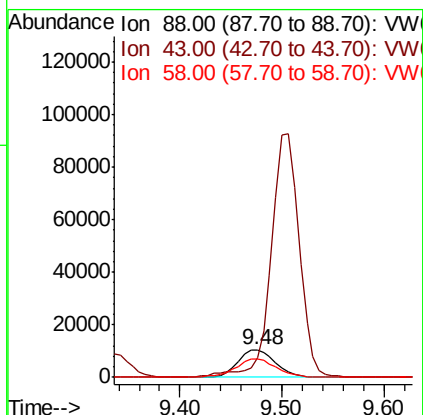
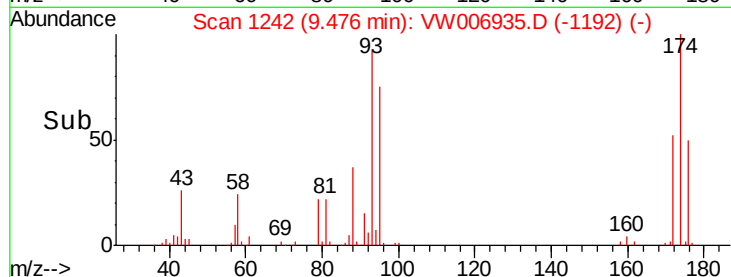
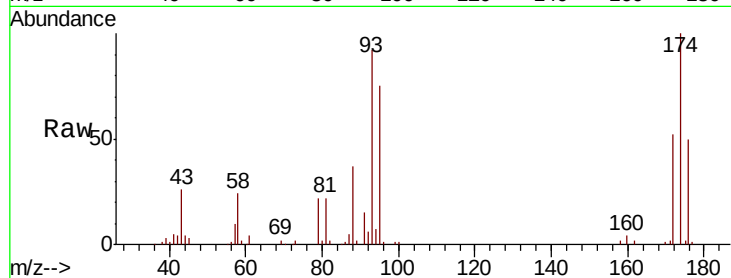




#49
1,4-Dioxane
Concen: 2684.281 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

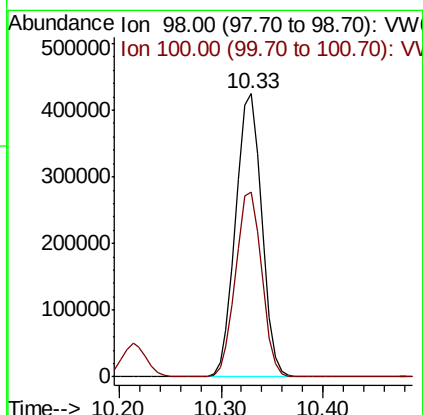
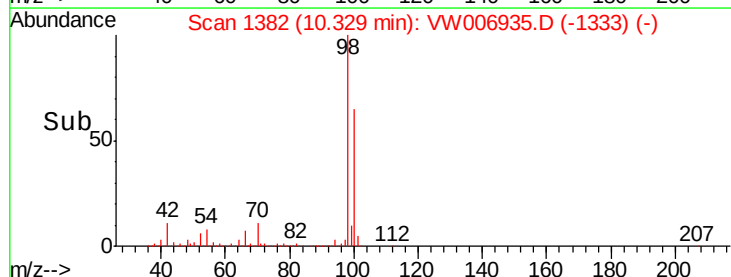
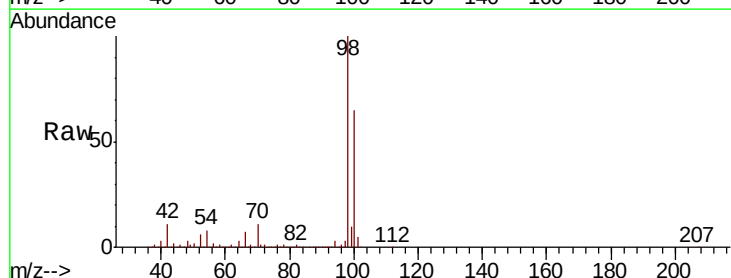
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

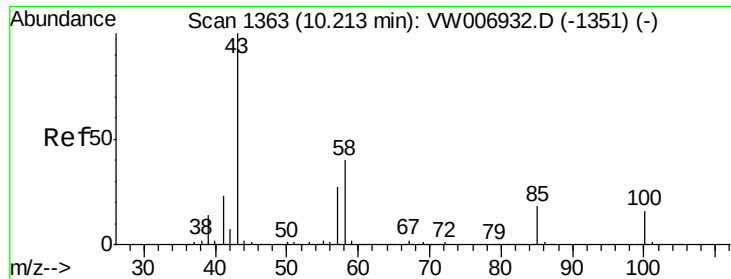
Tgt Ion: 88 Resp: 26838
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.0 57.4 86.2



#50
Toluene-d8
Concen: 153.197 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 98 Resp: 749977
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

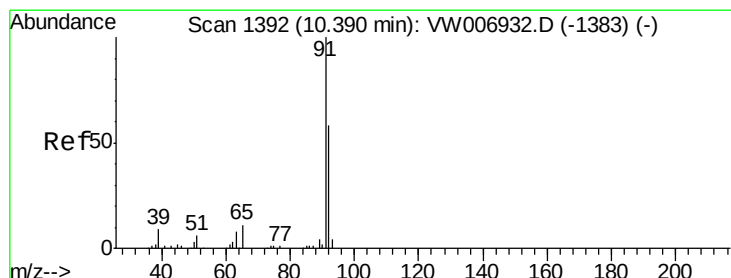
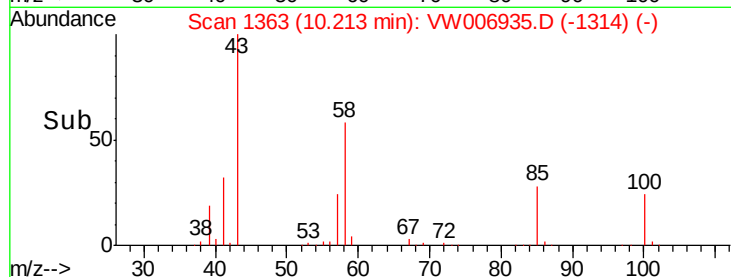
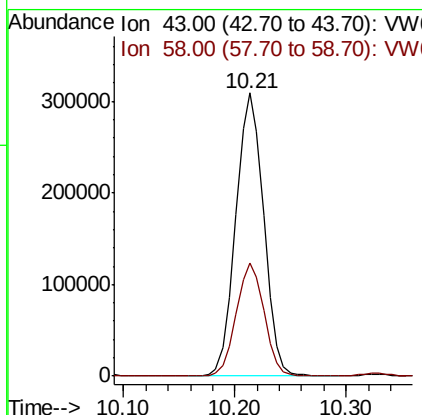
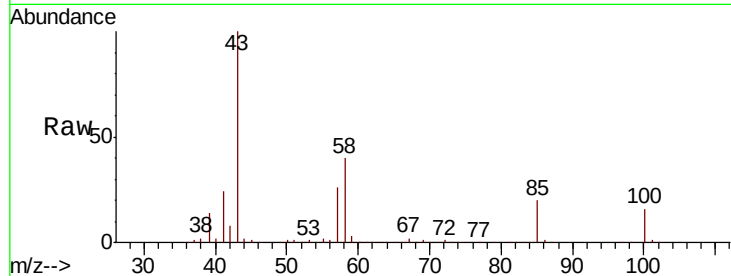




#51
 4-Methyl-2-Pentanone
 Concen: 883.793 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

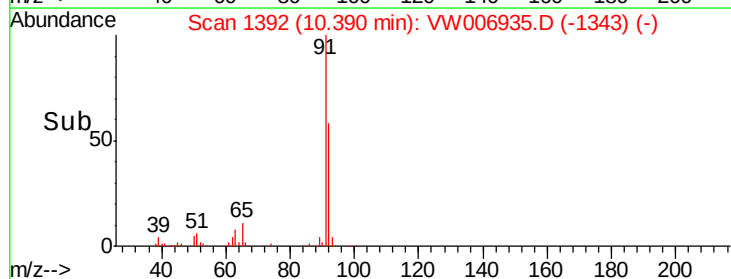
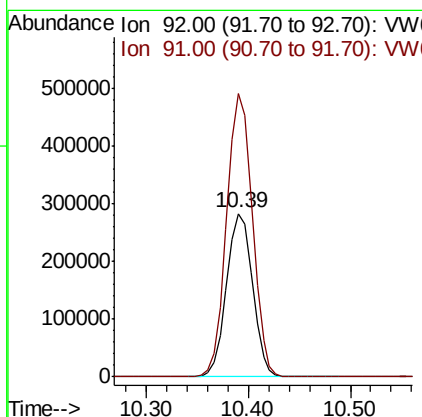
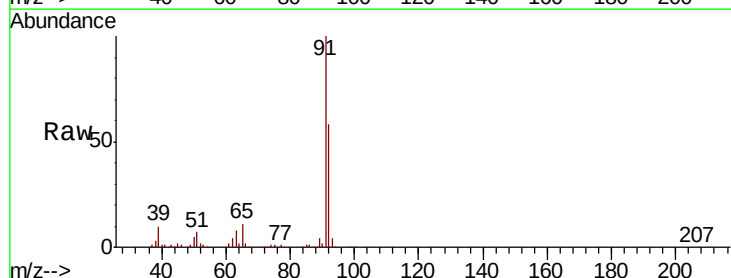
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

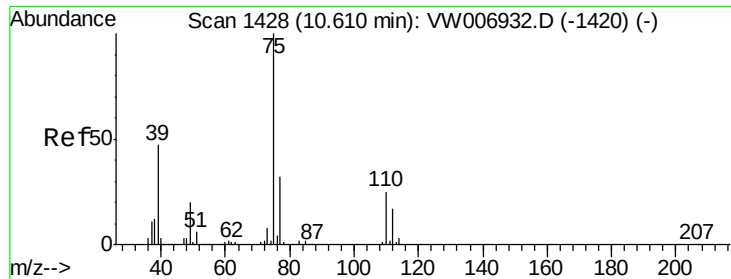
Tgt Ion: 43 Resp: 535971
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.0 46.4



#52
 Toluene
 Concen: 139.872 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion: 92 Resp: 500190
 Ion Ratio Lower Upper
 92 100
 91 171.8 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 167.713 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

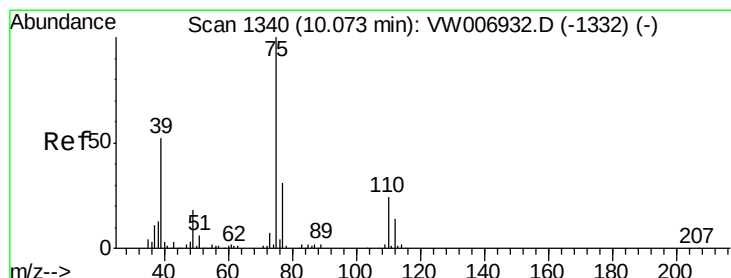
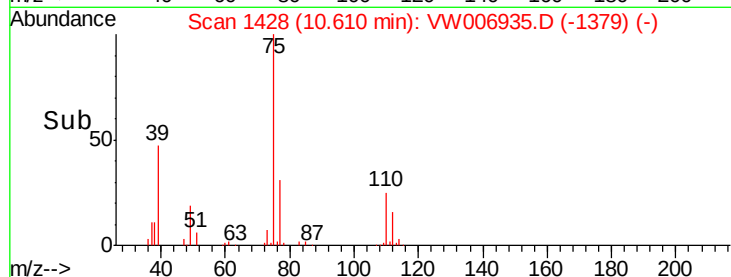
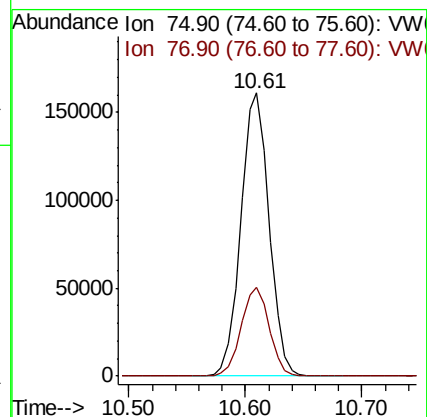
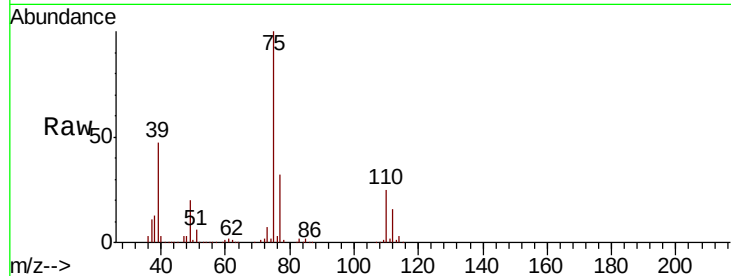
VSTDIC150

Tgt Ion: 75 Resp: 272139

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 160.506 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

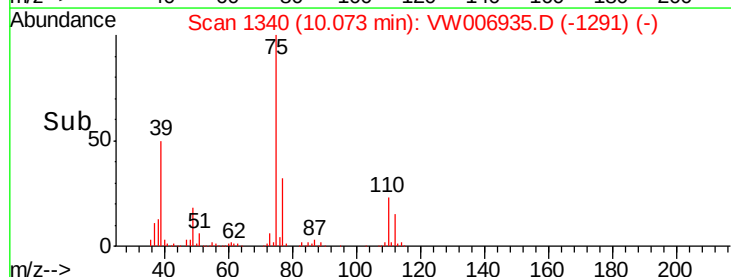
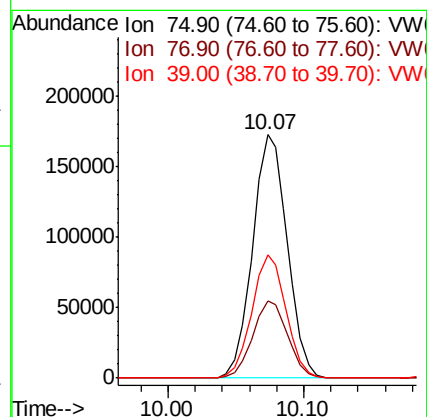
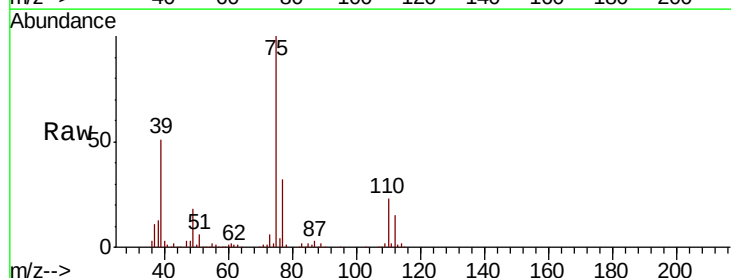
Tgt Ion: 75 Resp: 309066

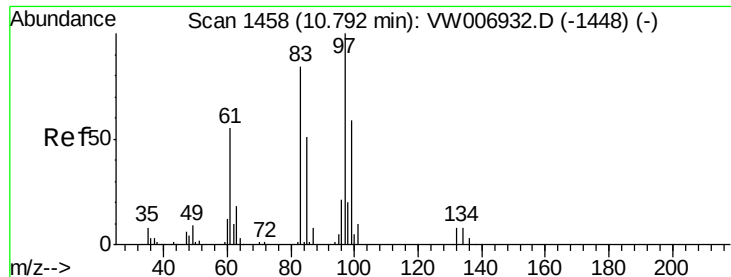
Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 50.6 41.4 62.2

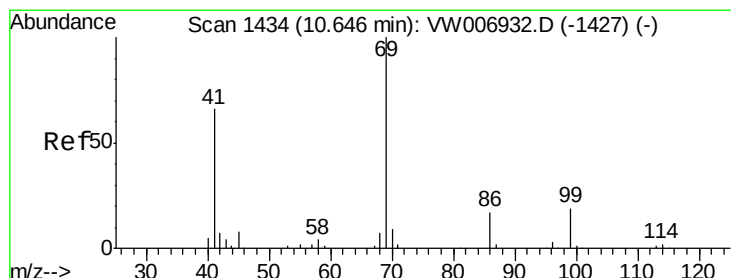
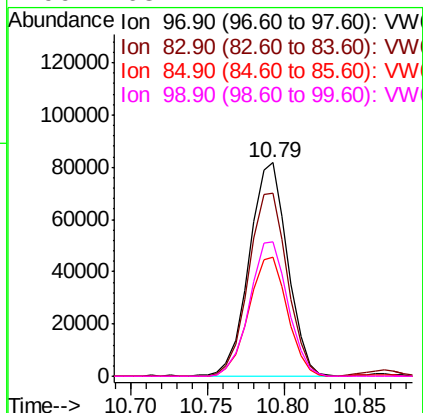
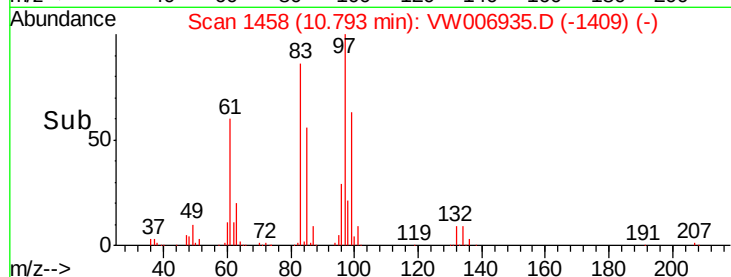
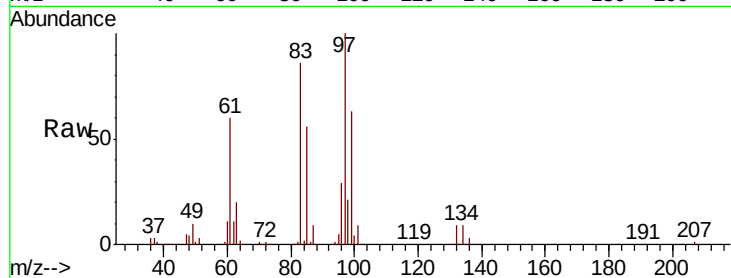




#55
 1,1,2-Trichloroethane
 Concen: 146.141 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

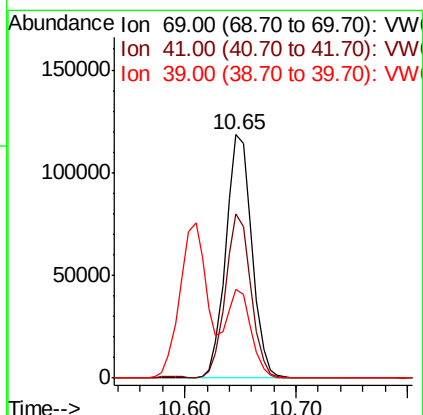
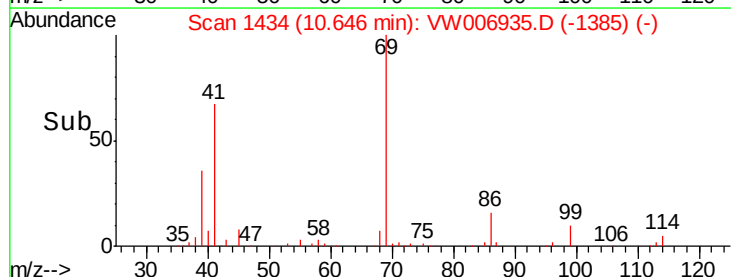
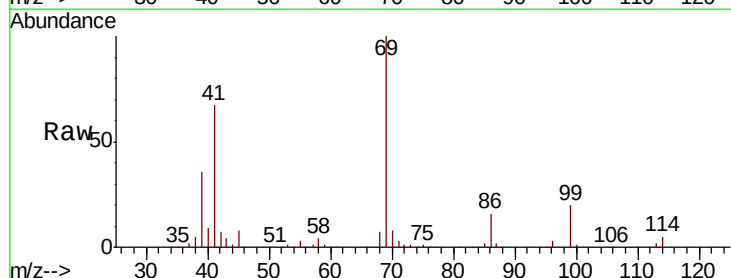
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

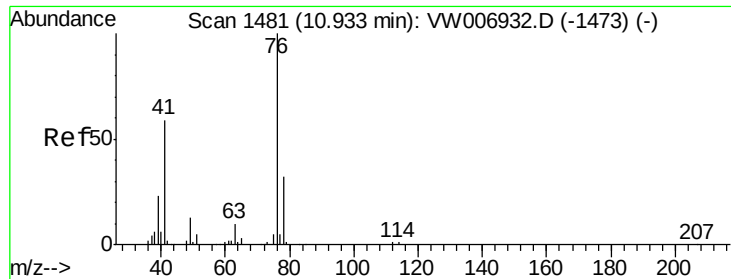
Tgt Ion:	97	Resp:	142951
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.5	101.3
85	55.7	41.0	61.6
99	63.2	47.4	71.2



#56
 Ethyl methacrylate
 Concen: 175.316 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion:	69	Resp:	191497
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.8	80.6
39	35.3	29.0	43.6

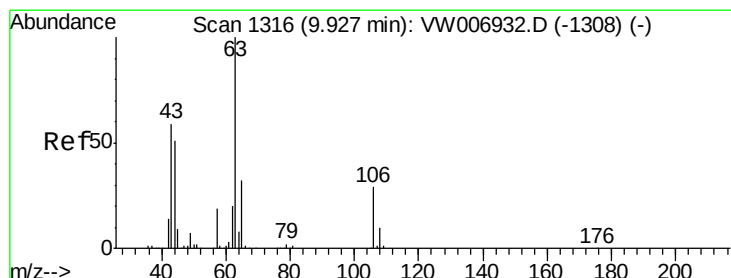
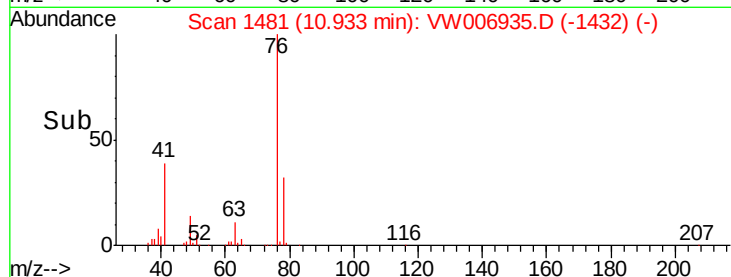
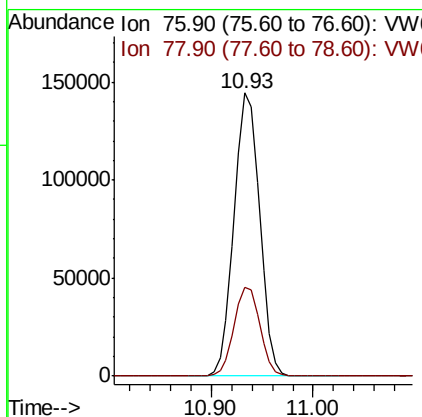
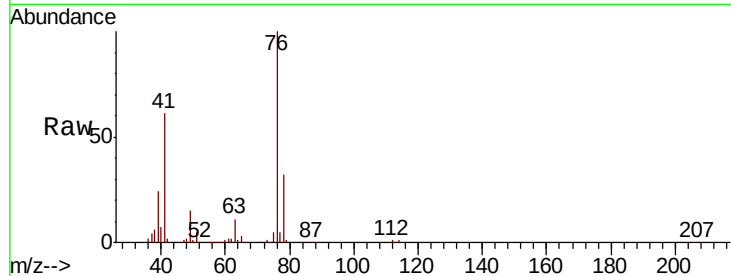




#57
 1,3-Dichloropropane
 Concen: 160.321 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

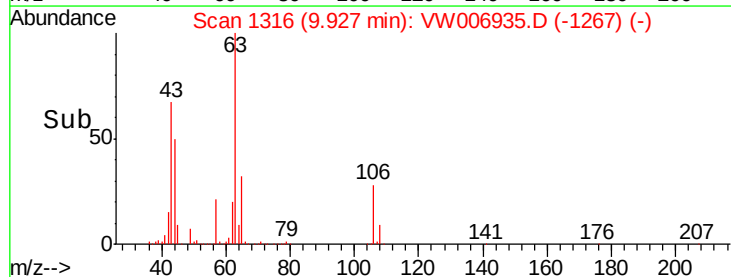
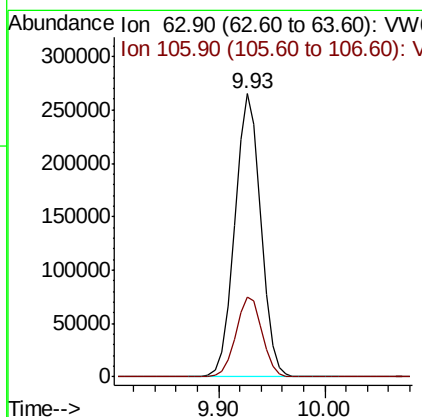
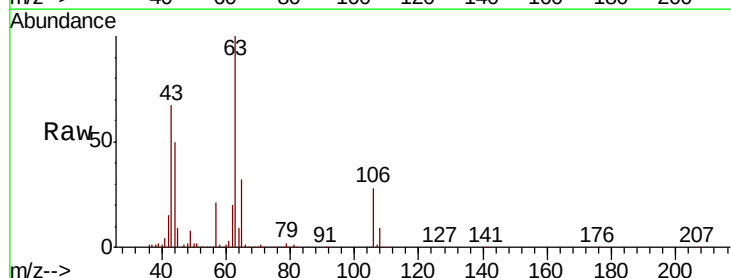
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

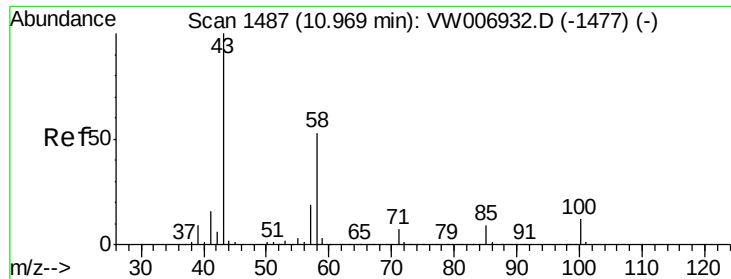
Tgt Ion: 76 Resp: 250934
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 842.283 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion: 63 Resp: 453231
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.6 33.8

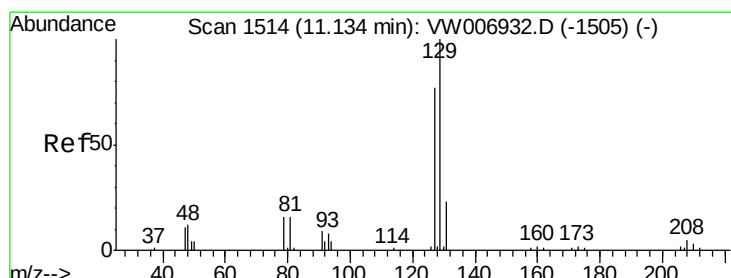
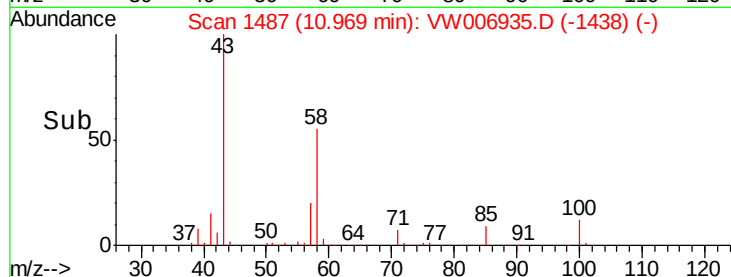
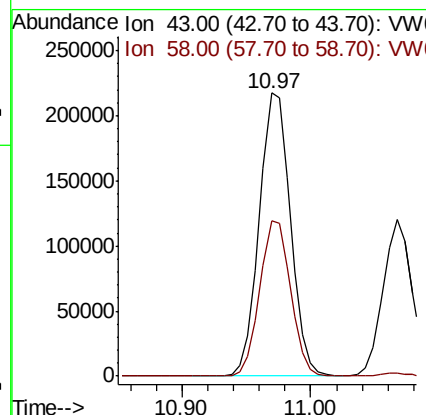
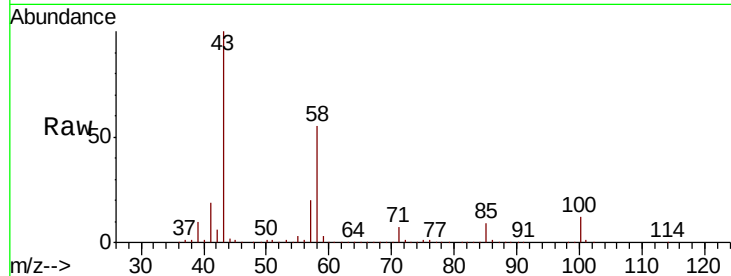




#59
2-Hexanone
Concen: 872.937 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

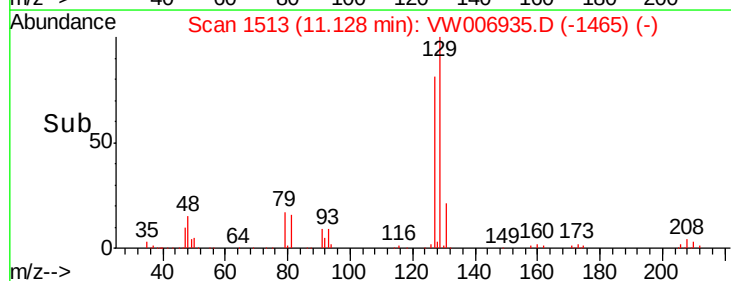
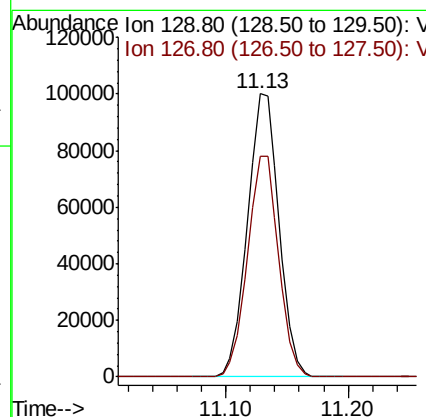
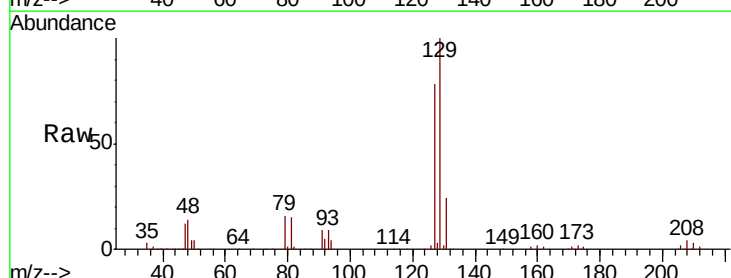
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

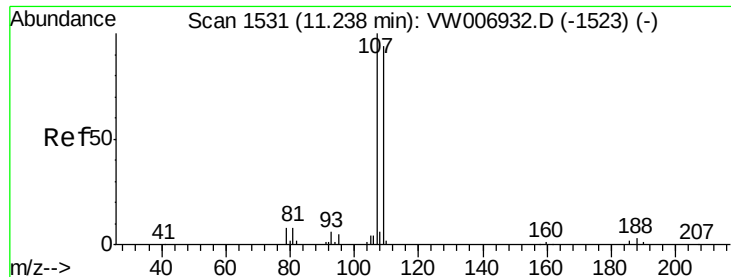
Tgt Ion: 43 Resp: 363113
Ion Ratio Lower Upper
43 100
58 54.4 26.8 80.4



#60
Dibromochloromethane
Concen: 151.272 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 129 Resp: 178991
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3

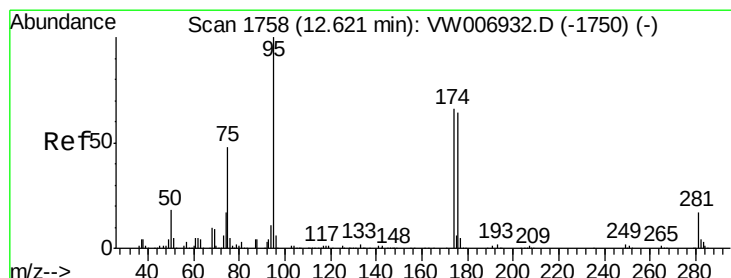
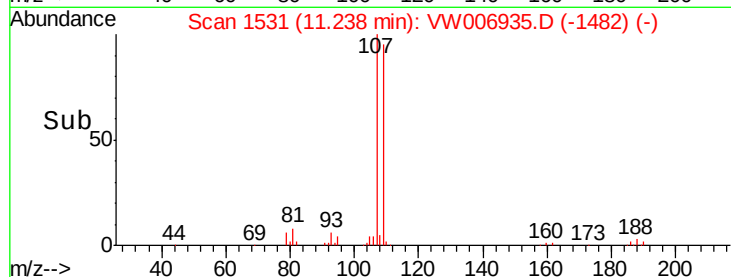
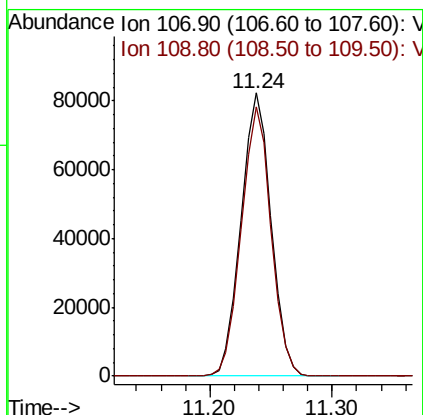
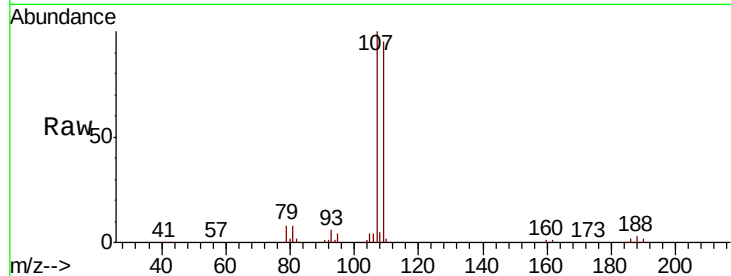




#61
 1,2-Dibromoethane
 Concen: 151.459 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

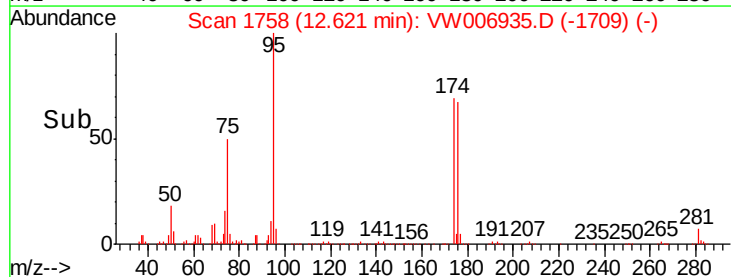
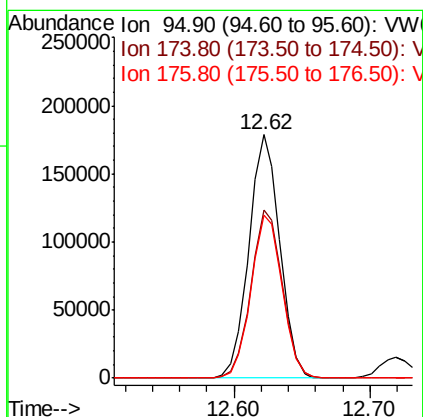
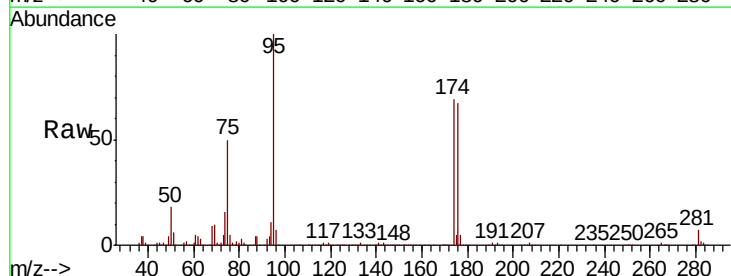
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

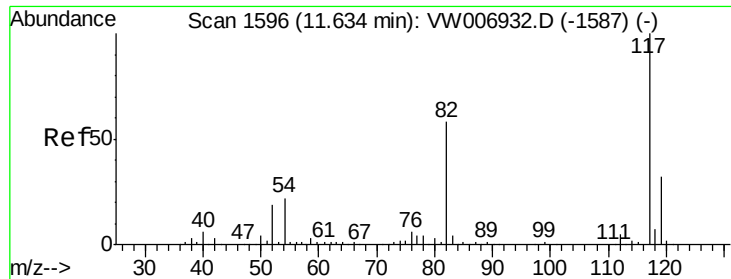
Tgt Ion: 107 Resp: 140047
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 156.332 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion: 95 Resp: 284659
 Ion Ratio Lower Upper
 95 100
 174 70.1 0.0 138.4
 176 67.8 0.0 133.4

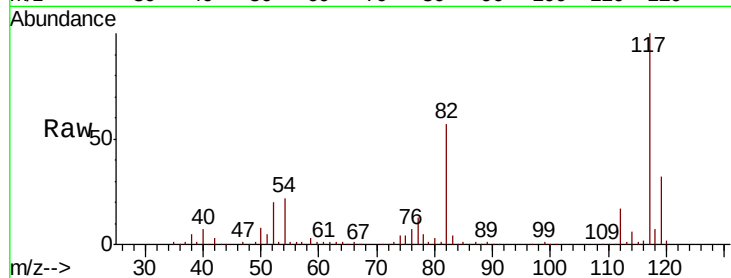




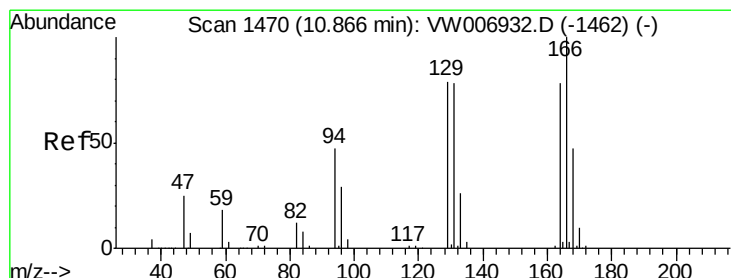
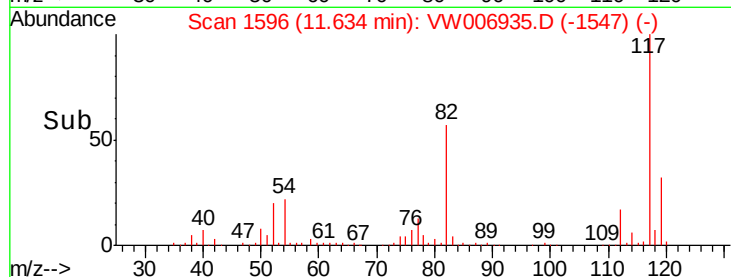
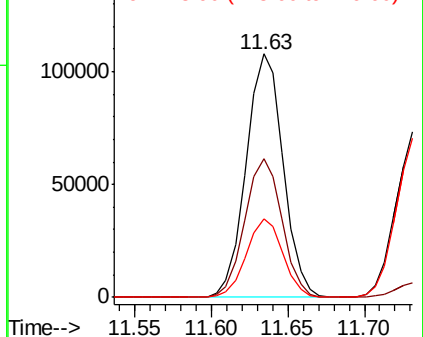
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 181070
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.2
119 32.3 25.5 38.3



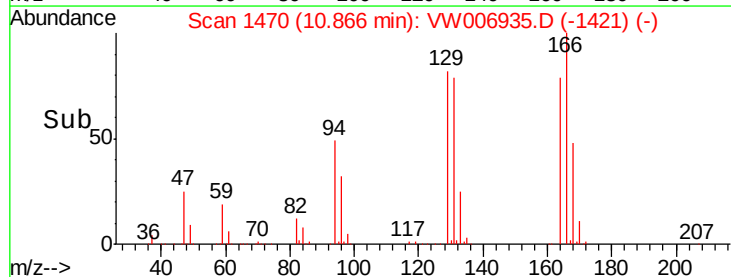
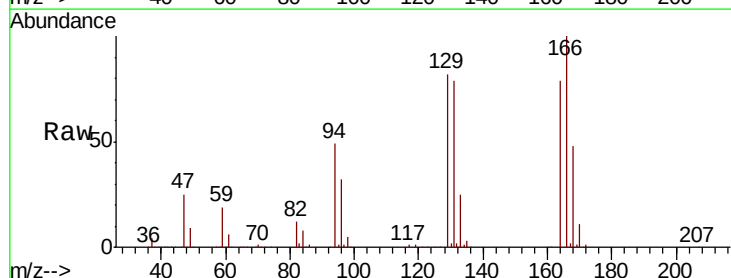
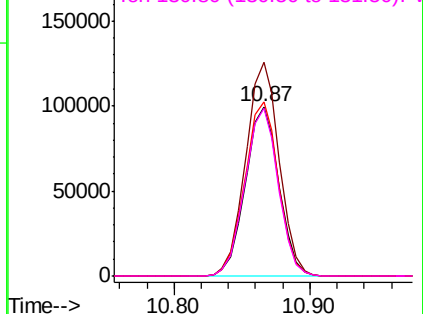
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

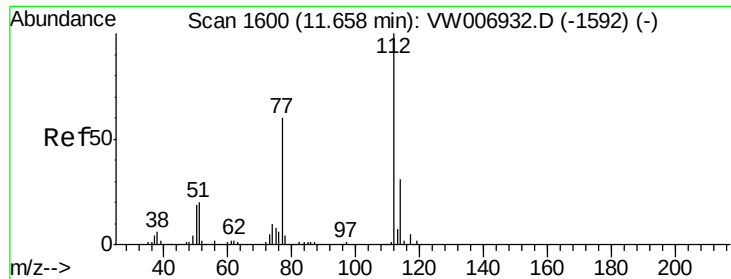


#64
Tetrachloroethene
Concen: 122.212 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion:164 Resp: 171108
Ion Ratio Lower Upper
164 100
166 126.0 102.6 154.0
129 102.7 81.0 121.4
131 99.0 80.2 120.2

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

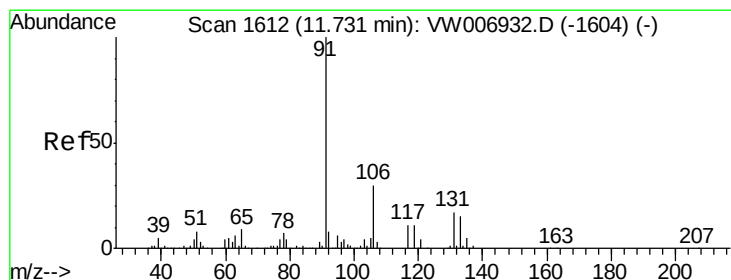
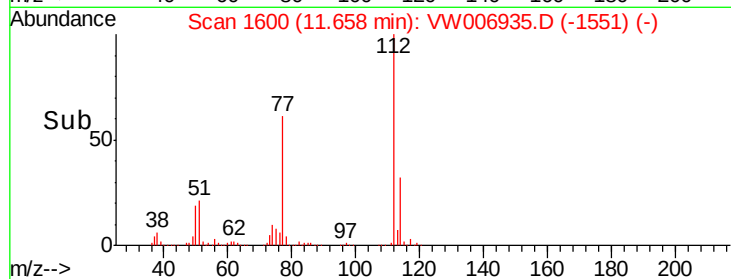
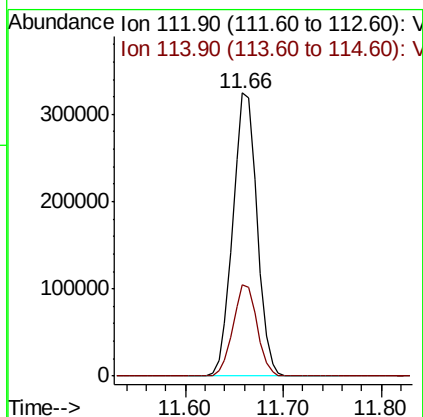
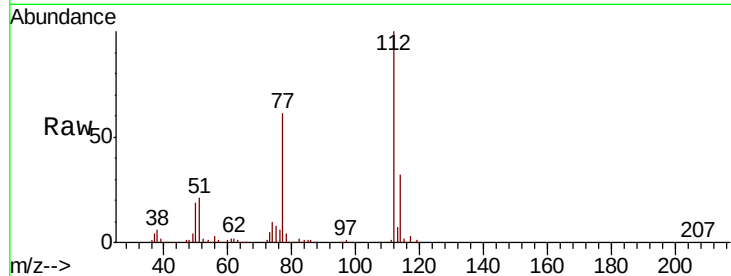




#65
Chlorobenzene
Concen: 139.711 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

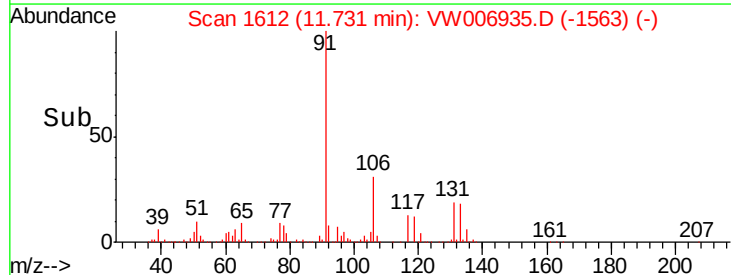
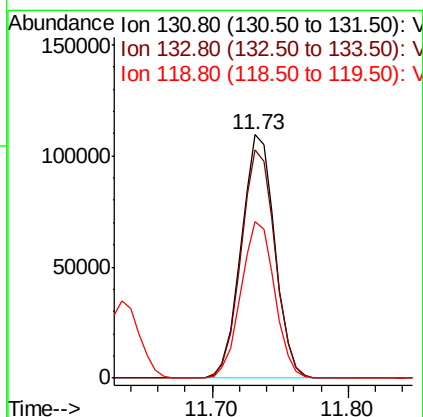
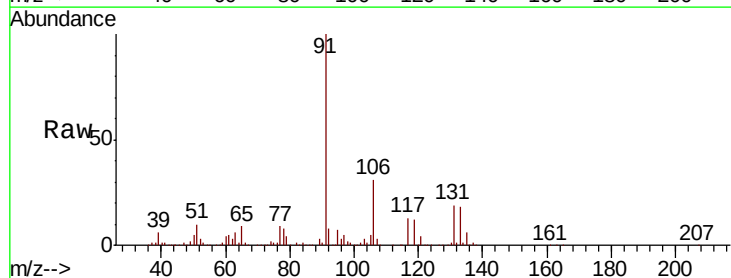
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

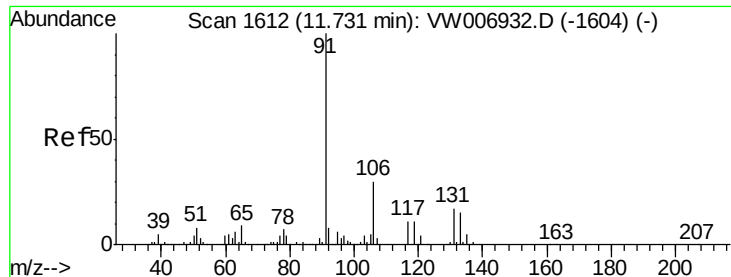
Tgt Ion:112 Resp: 557033
Ion Ratio Lower Upper
112 100
114 32.2 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 146.137 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion:131 Resp: 188542
Ion Ratio Lower Upper
131 100
133 95.2 47.2 141.6
119 64.6 32.5 97.4

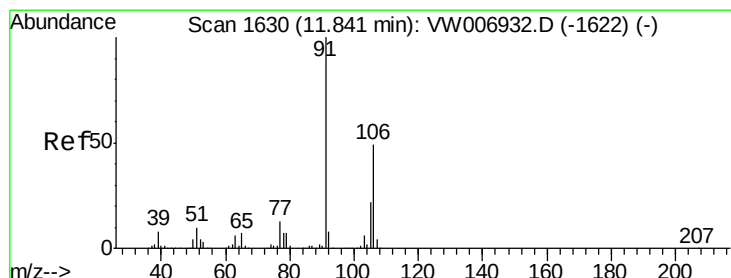
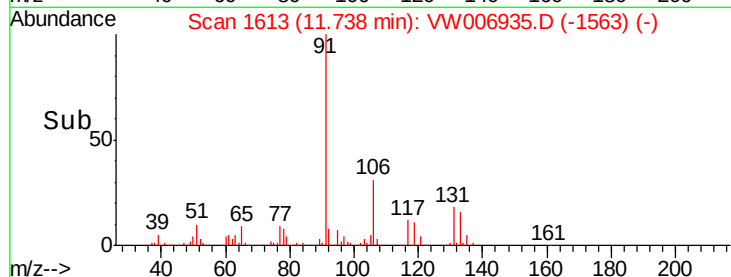
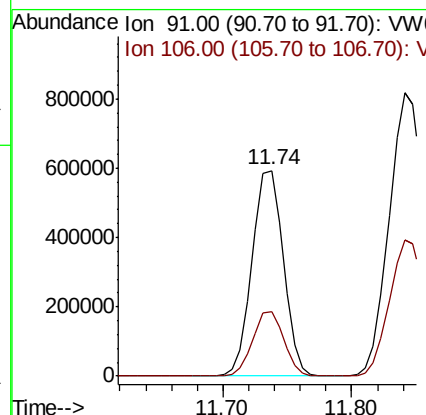
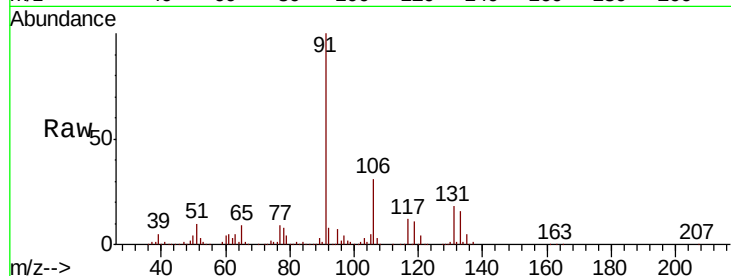




#67
Ethyl Benzene
Concen: 145.506 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

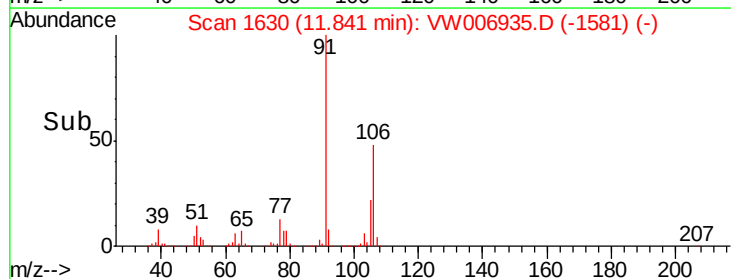
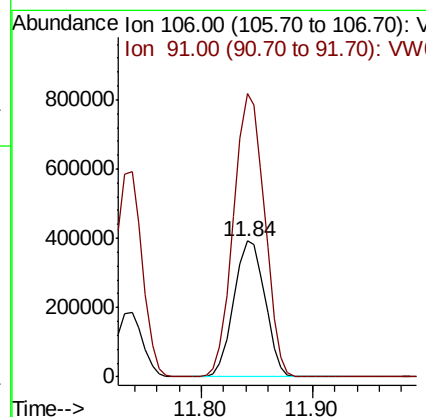
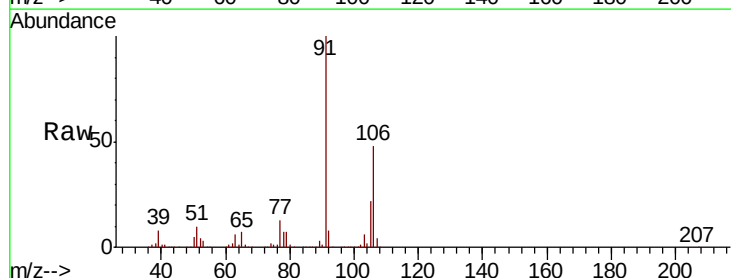
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

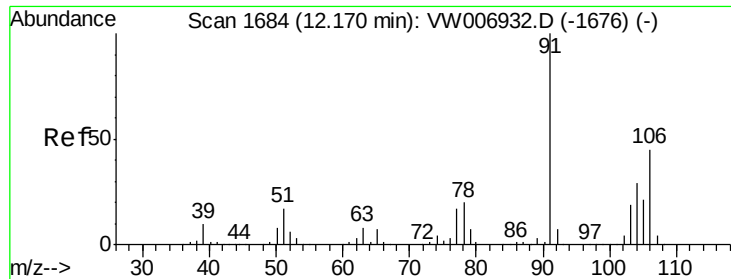
Tgt Ion: 91 Resp: 995906
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0



#68
m/p-Xylenes
Concen: 274.760 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 106 Resp: 762379
Ion Ratio Lower Upper
106 100
91 207.3 165.0 247.4

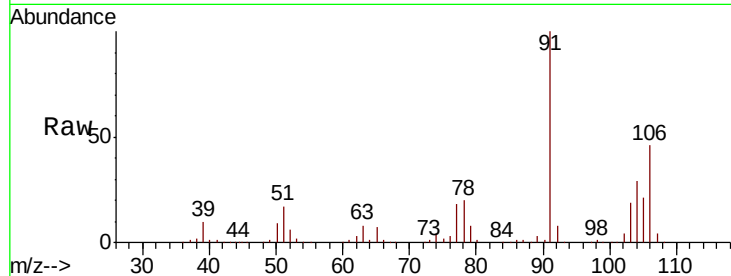




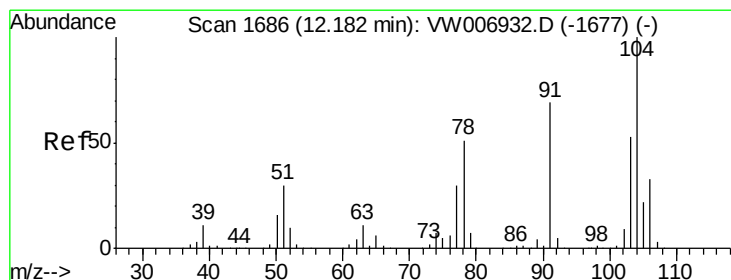
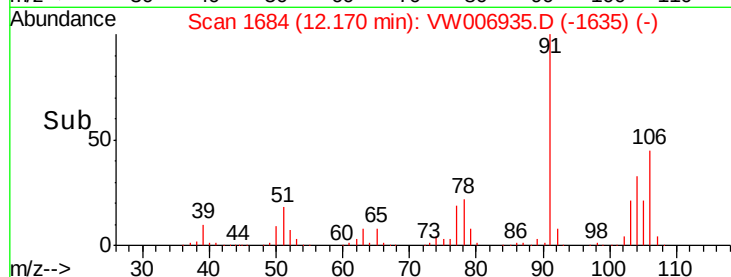
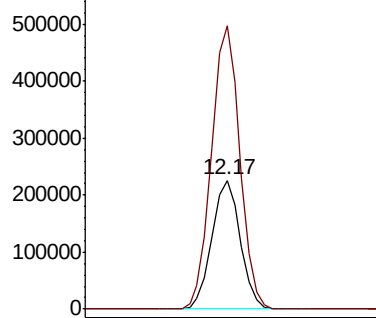
#69
o-Xylene
Concen: 140.001 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 362458
Ion Ratio Lower Upper
106 100
91 219.9 109.2 327.6

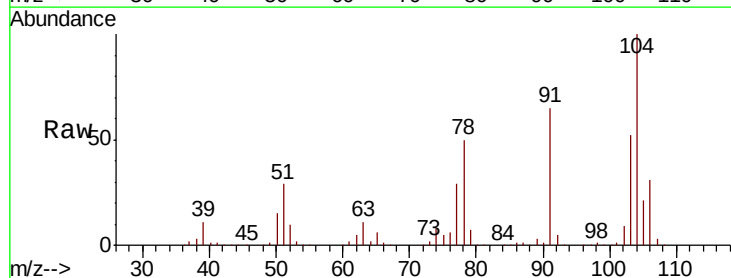


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

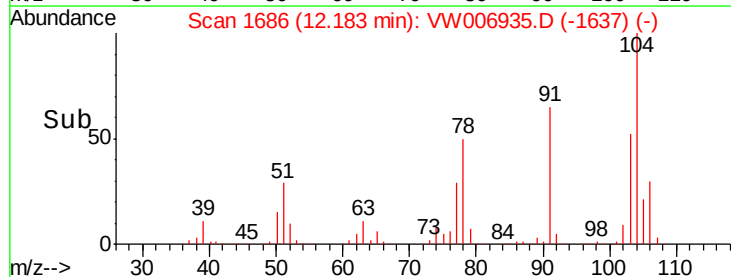
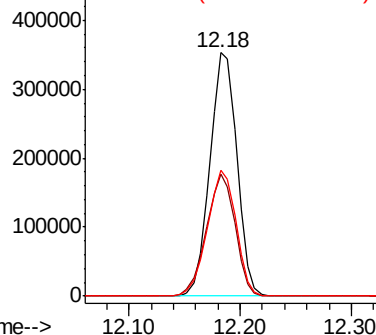


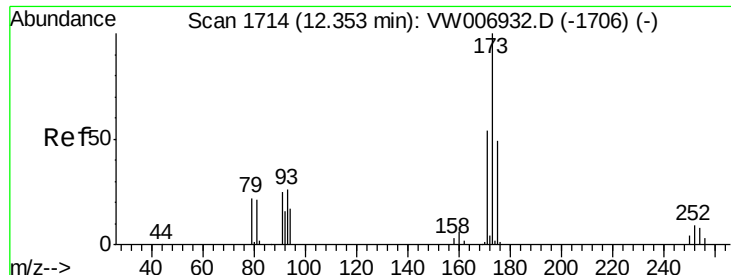
#70
Styrene
Concen: 143.053 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion:104 Resp: 594097
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 54.9 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 137.642 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

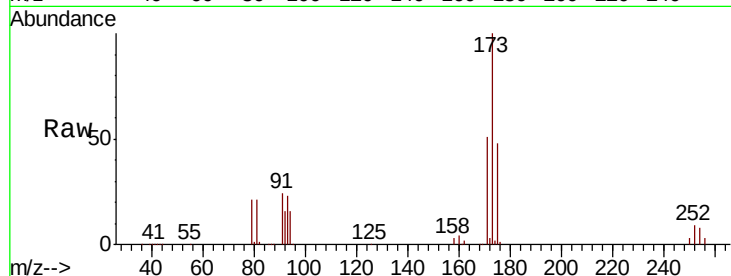
Tgt Ion:173 Resp: 94602

Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

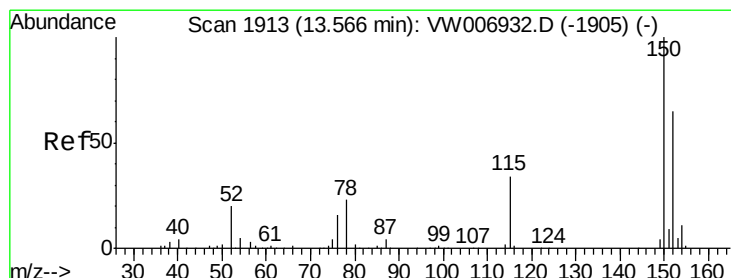
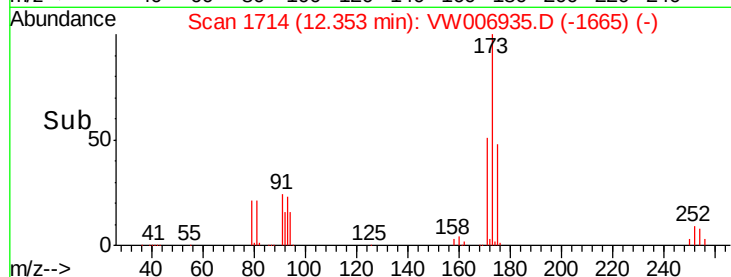
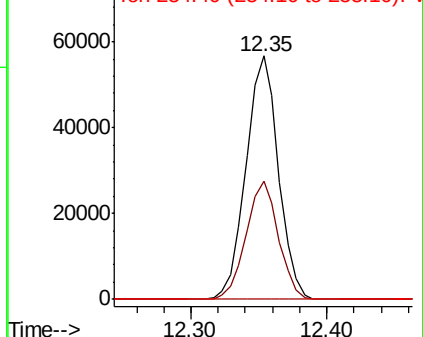
254 0.0 0.0 0.0#



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. -0.01 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

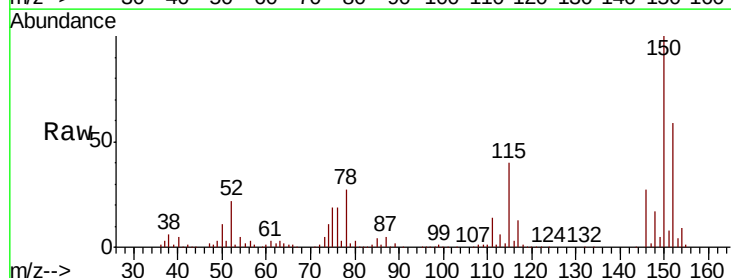
Tgt Ion:152 Resp: 80100

Ion Ratio Lower Upper

152 100

115 64.4 31.6 94.7

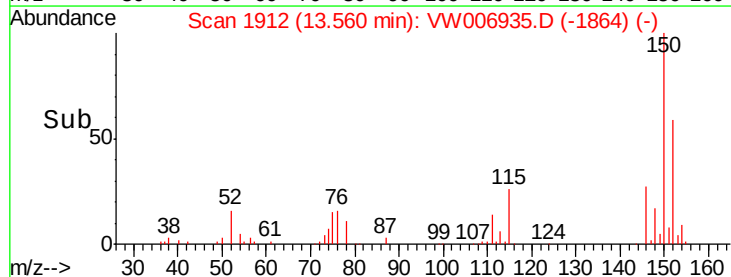
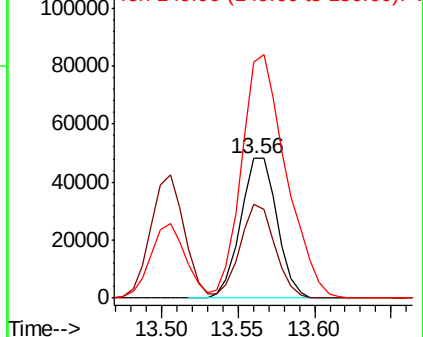
150 211.7 0.0 350.0

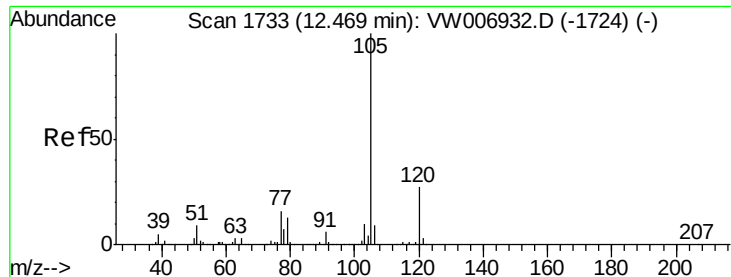


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

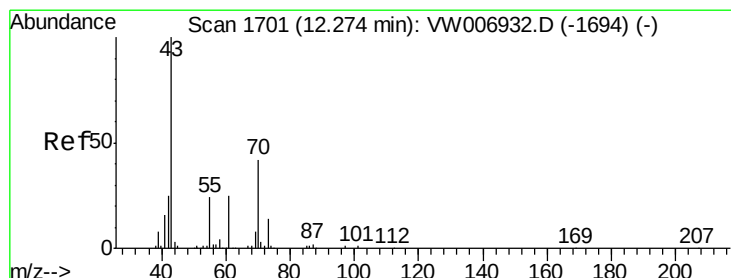
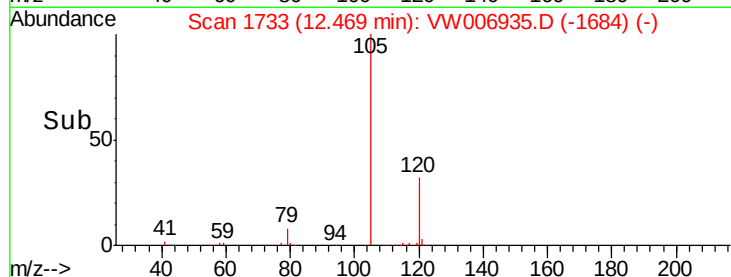
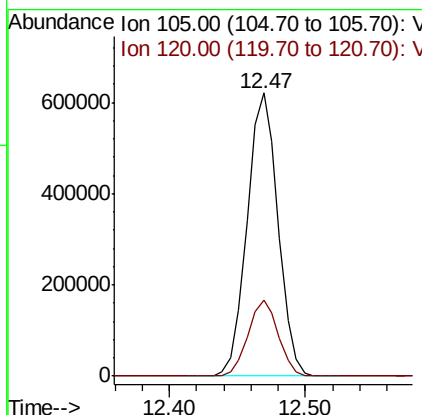
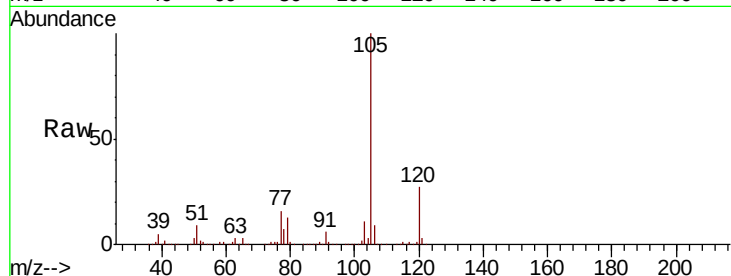




#73
Isopropylbenzene
Concen: 173.564 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

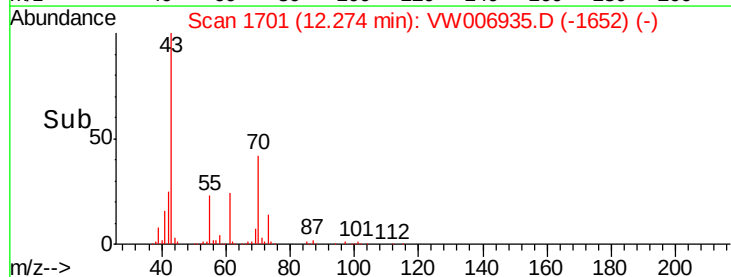
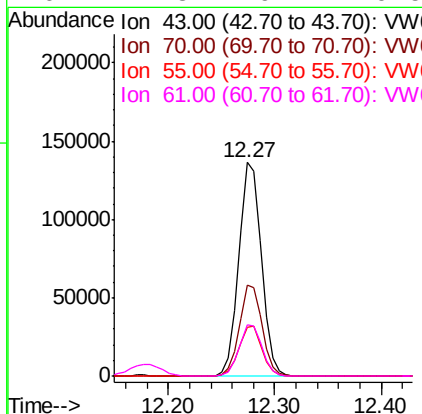
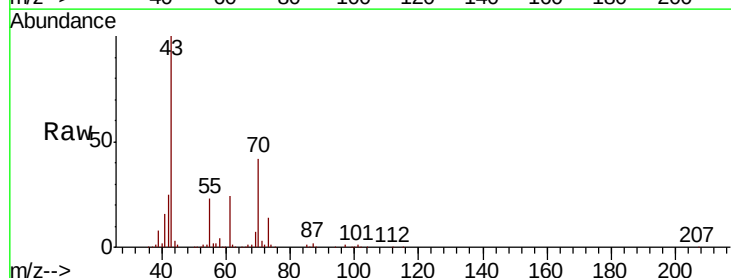
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

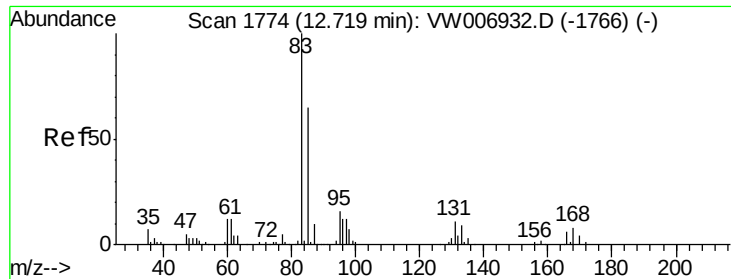
Tgt Ion: 105 Resp: 985130
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 224.979 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion: 43 Resp: 204766
Ion Ratio Lower Upper
43 100
70 42.5 34.2 51.4
55 23.6 19.5 29.3
61 24.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 189.090 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

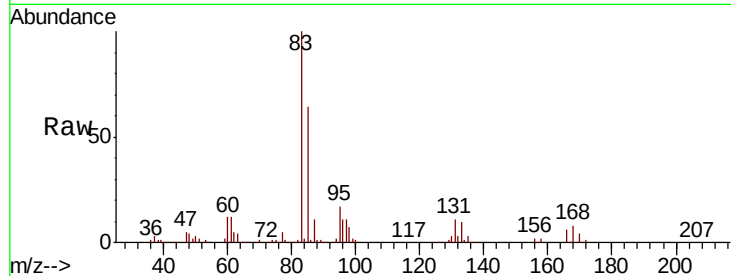
Tgt Ion: 83 Resp: 149776

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

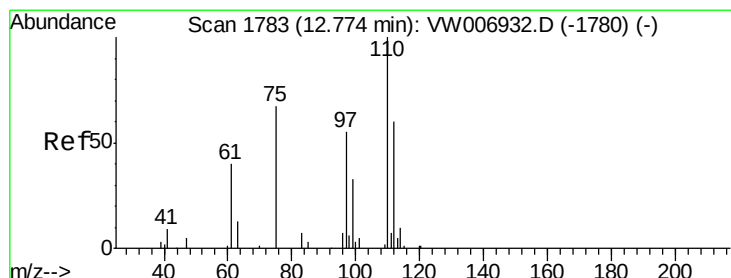
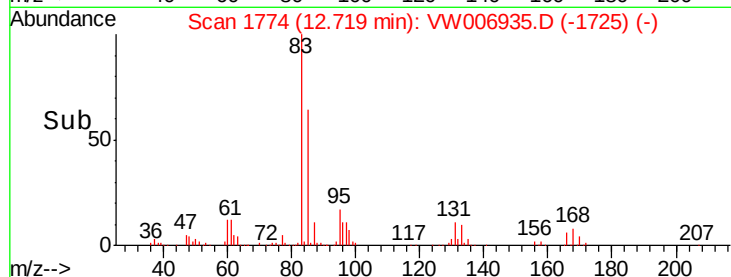
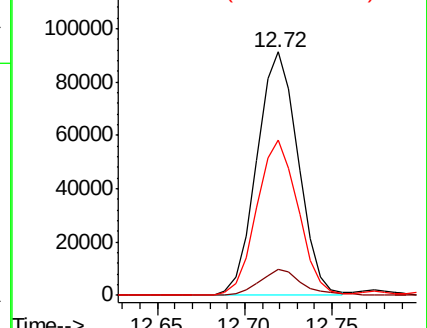
85 63.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 340.157 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006935.D

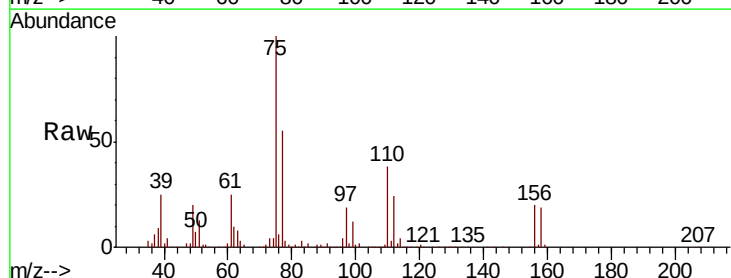
Acq: 17 Nov 2018 01:26

Tgt Ion: 75 Resp: 205639

Ion Ratio Lower Upper

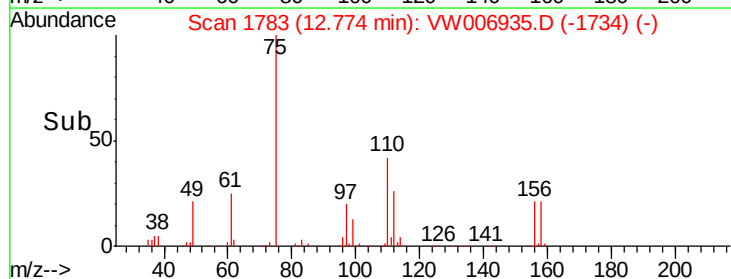
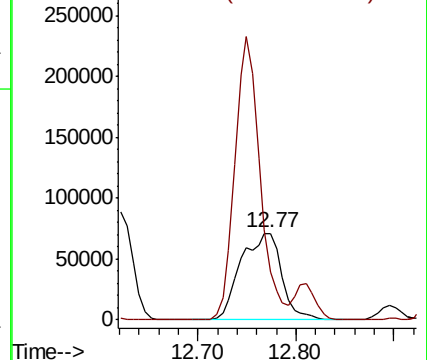
75 100

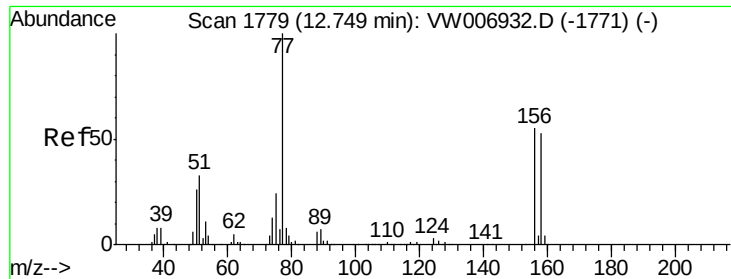
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 150.859 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

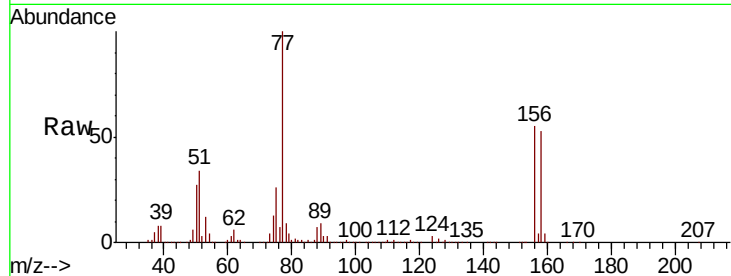
Tgt Ion:156 Resp: 210625

Ion Ratio Lower Upper

156 100

77 198.2 97.8 293.3

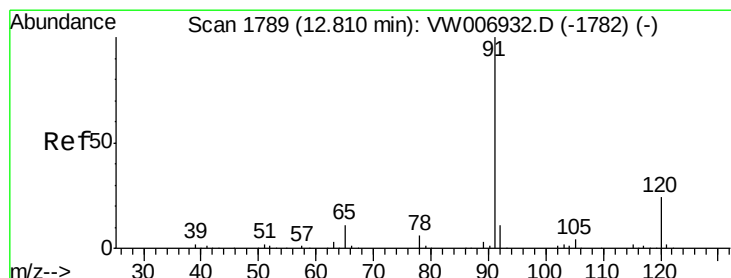
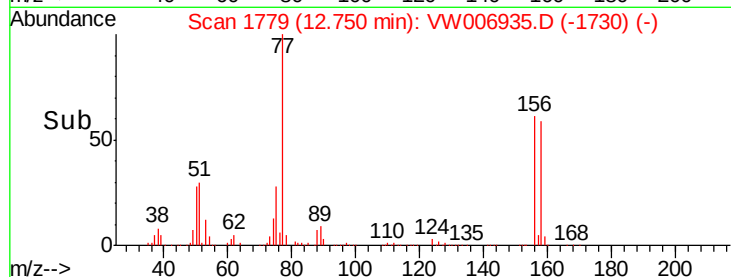
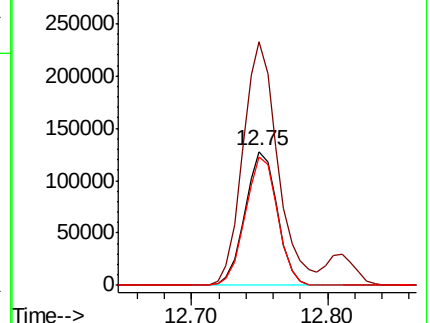
158 96.5 47.9 143.7



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: 173.747 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006935.D

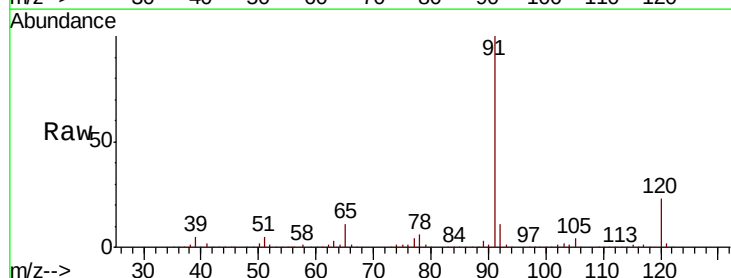
Acq: 17 Nov 2018 01:26

Tgt Ion: 91 Resp: 1167303

Ion Ratio Lower Upper

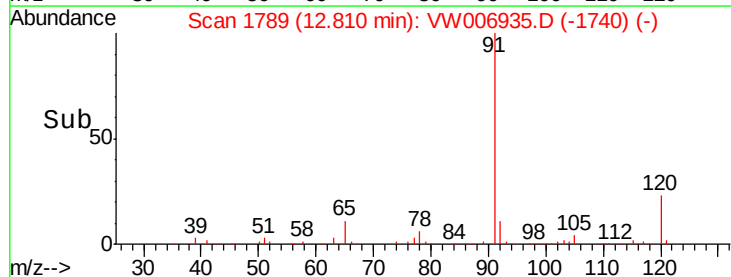
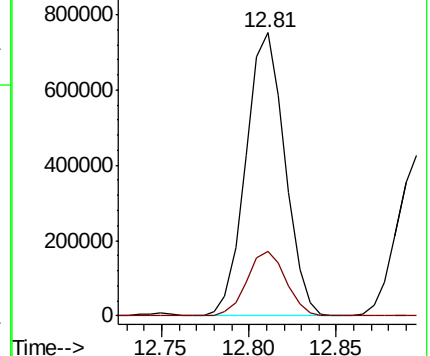
91 100

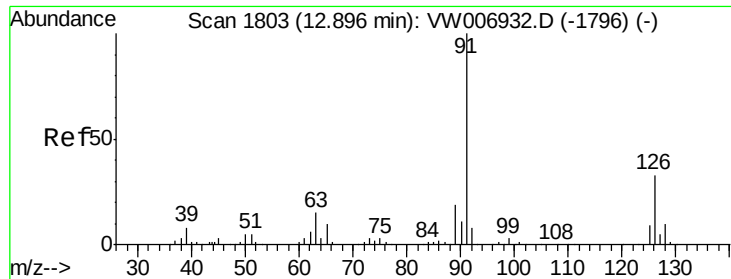
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

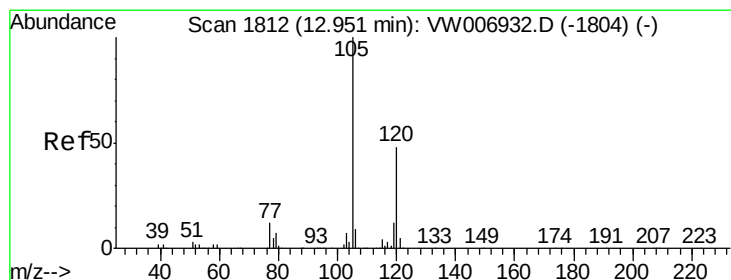
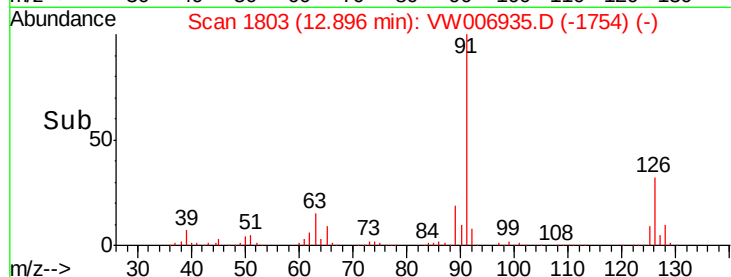
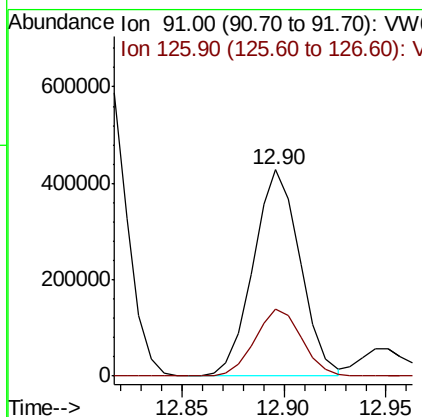
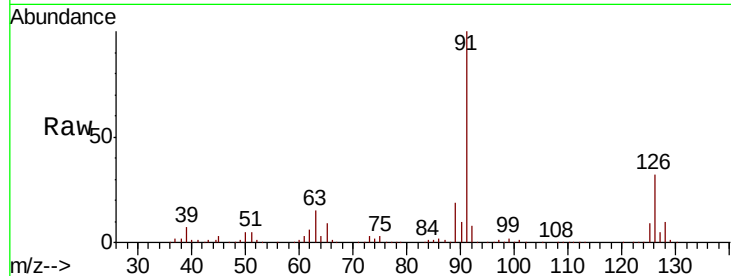




#79
 2-Chlorotoluene
 Concen: 180.102 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

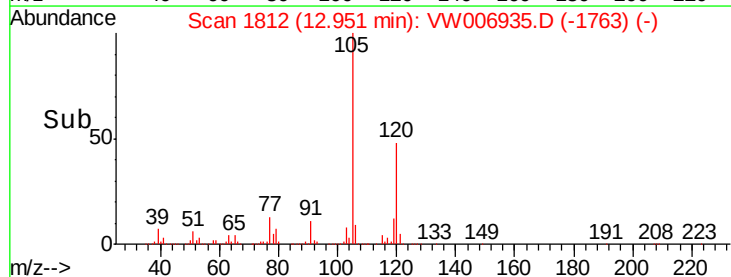
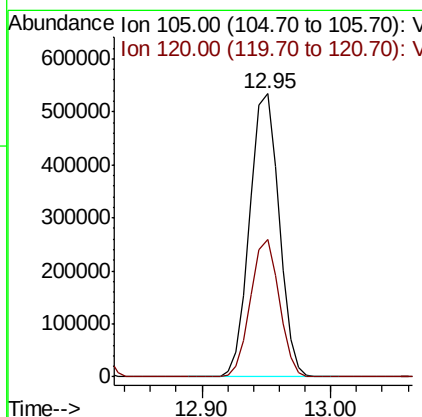
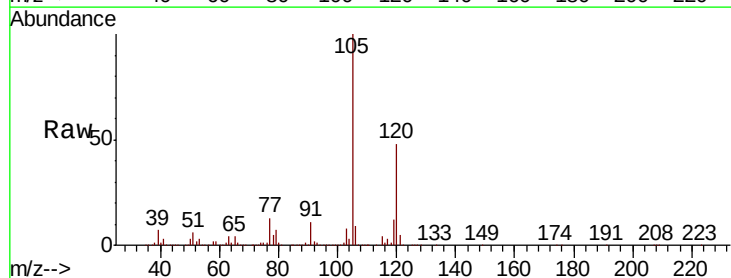
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

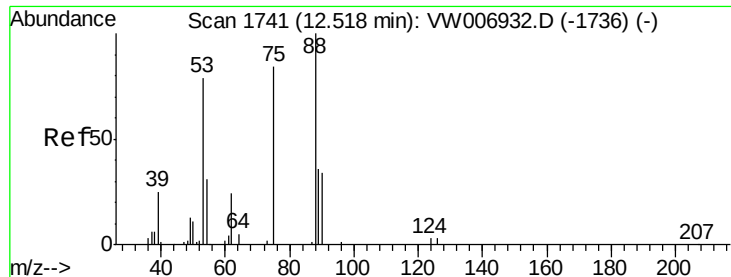
Tgt Ion: 91 Resp: 684050
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 171.904 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion: 105 Resp: 838265
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 205.758 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

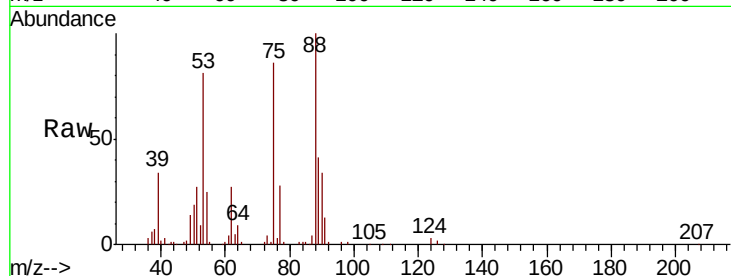
Tgt Ion: 75 Resp: 49742

Ion Ratio Lower Upper

75 100

53 93.3 79.3 118.9

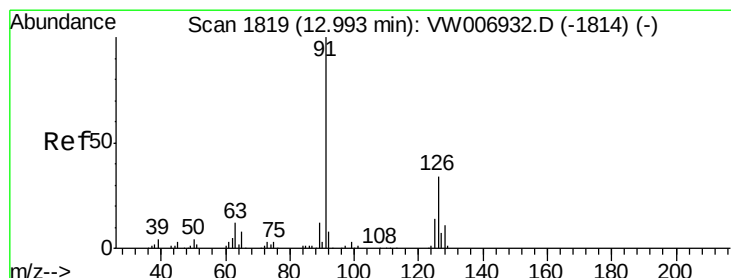
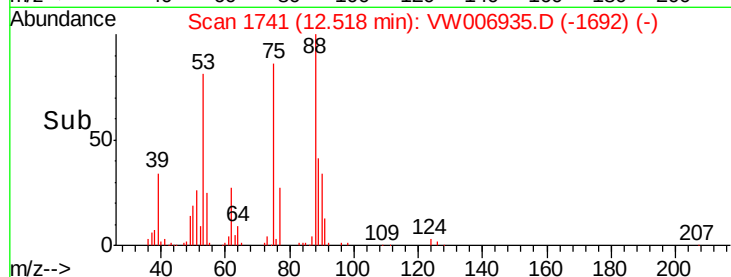
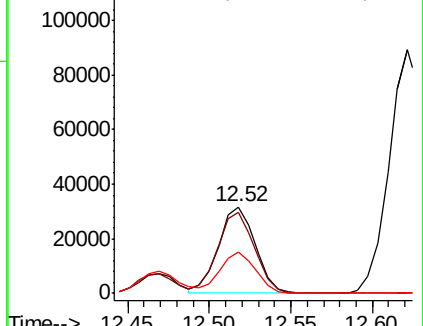
89 45.8 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 177.322 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006935.D

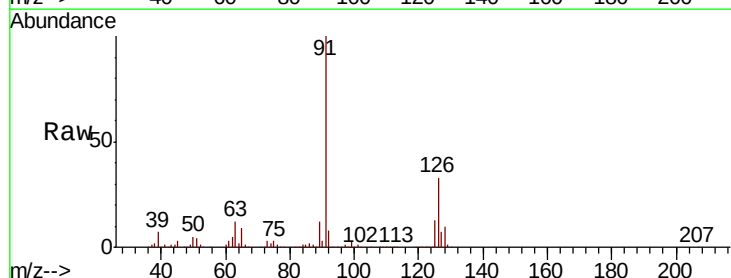
Acq: 17 Nov 2018 01:26

Tgt Ion: 91 Resp: 717826

Ion Ratio Lower Upper

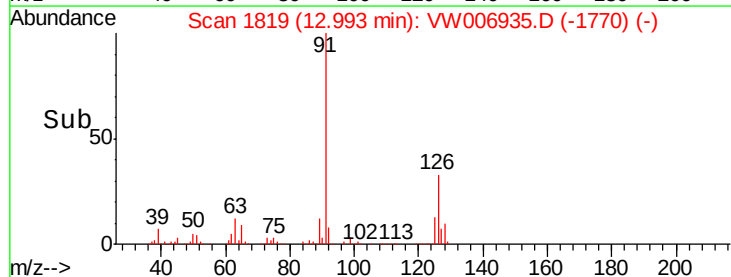
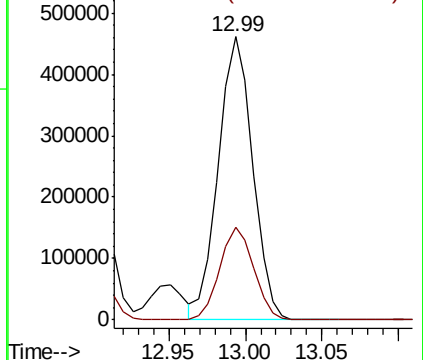
91 100

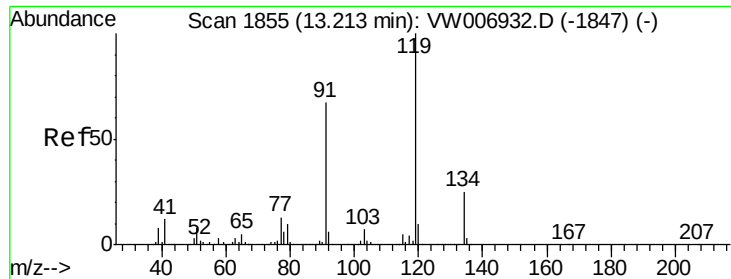
126 32.5 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 165.949 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

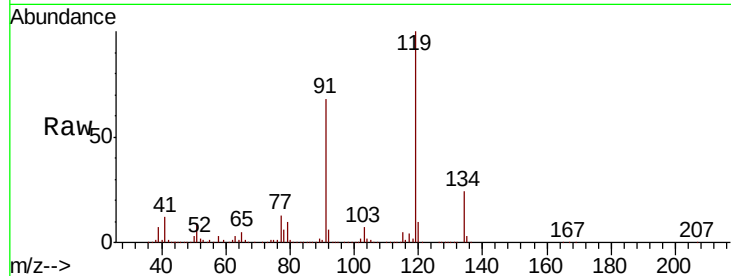
Tgt Ion:119 Resp: 709762

Ion Ratio Lower Upper

119 100

91 68.0 33.8 101.4

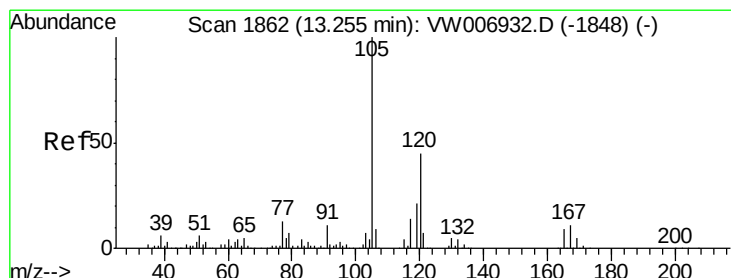
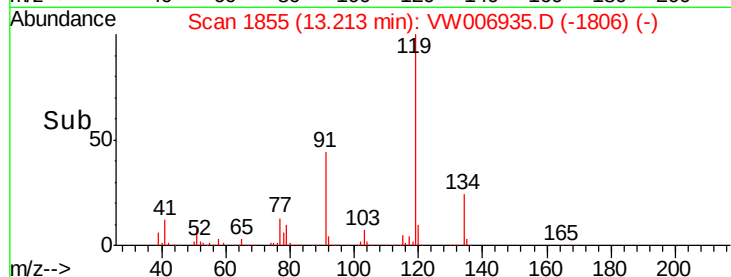
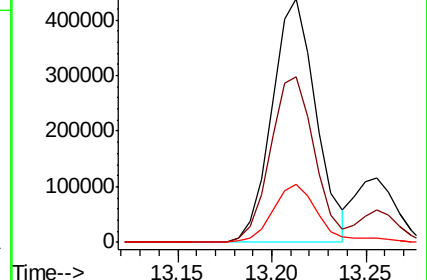
134 25.0 12.6 37.8



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: 168.591 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006935.D

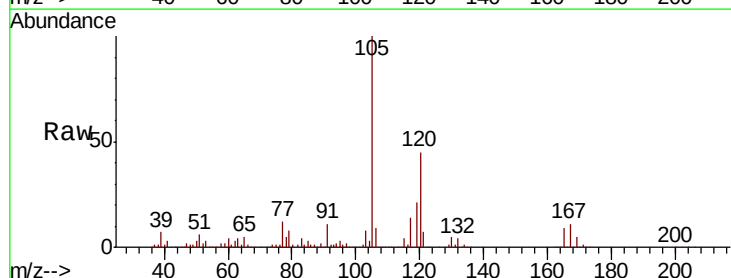
Acq: 17 Nov 2018 01:26

Tgt Ion:105 Resp: 835469

Ion Ratio Lower Upper

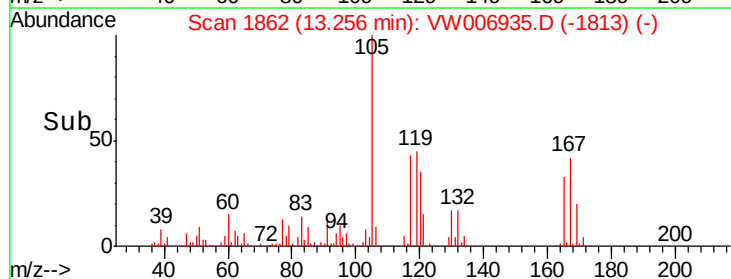
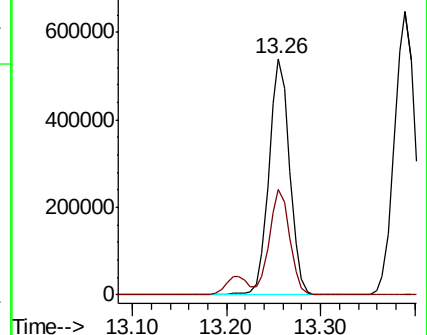
105 100

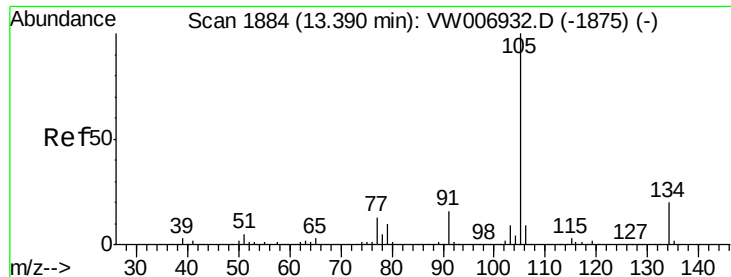
120 43.6 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

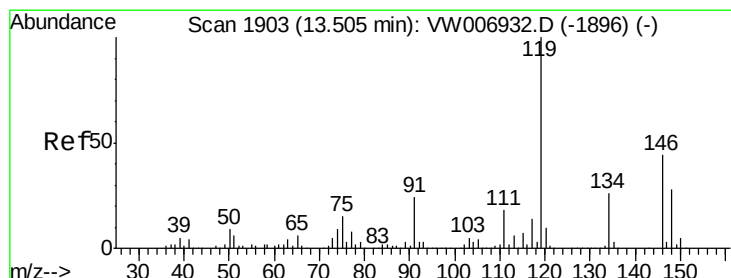
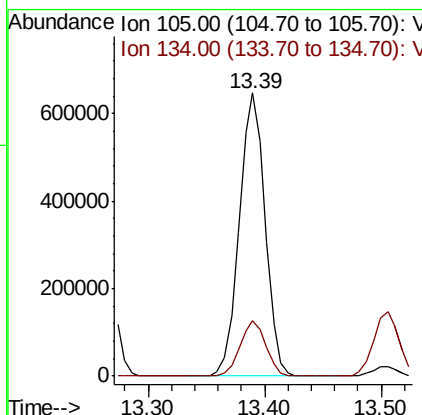
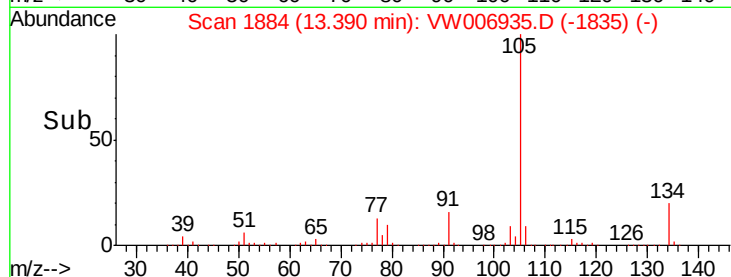
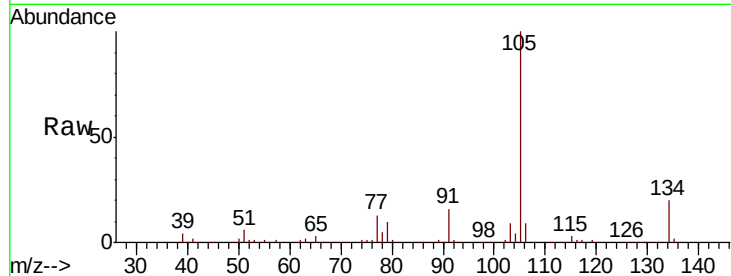




#85
 sec-Butylbenzene
 Concen: 164.160 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

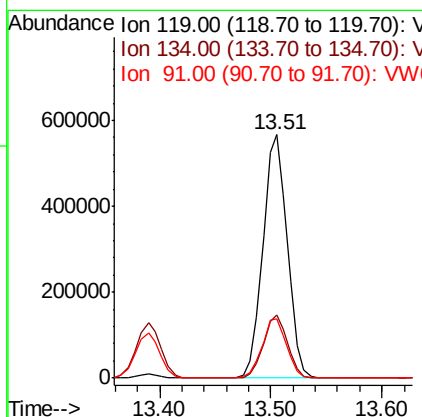
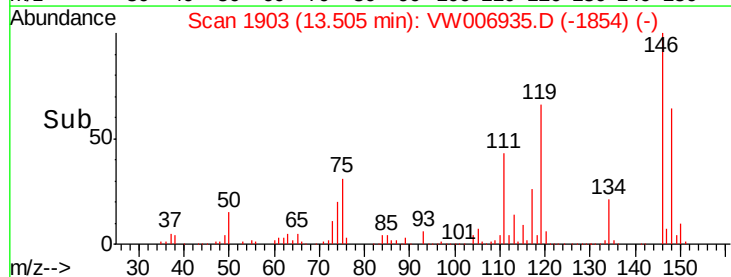
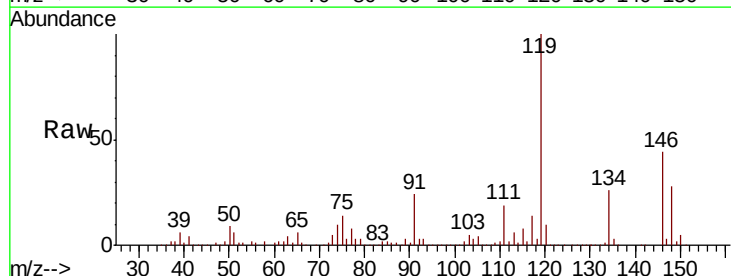
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

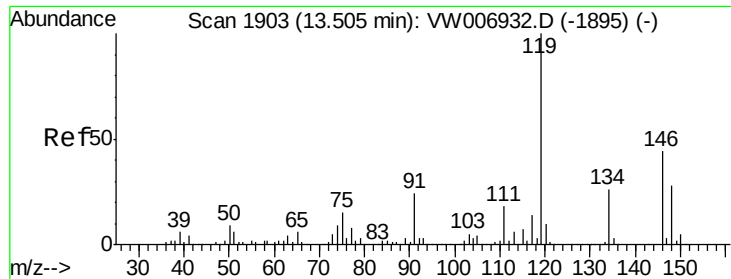
Tgt Ion:105 Resp: 996691
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 157.831 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion:119 Resp: 865233
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 24.5 12.4 37.2

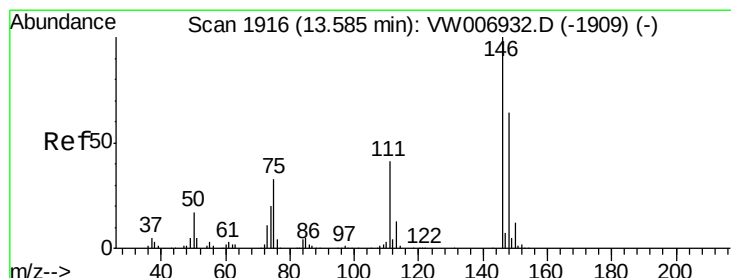
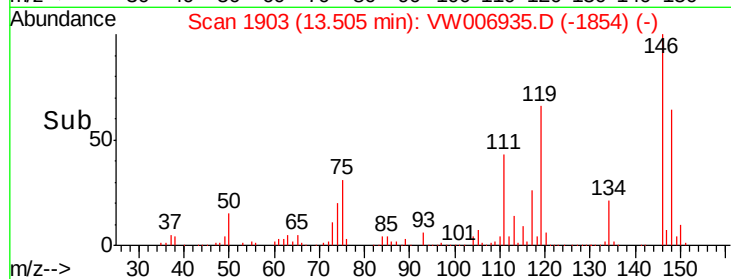
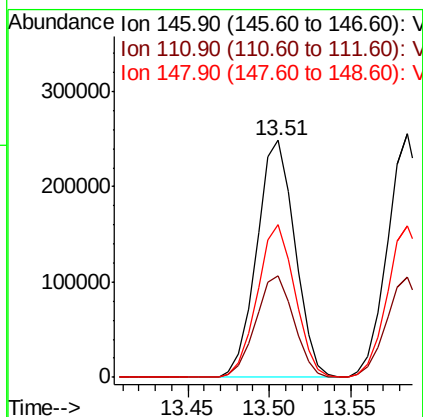
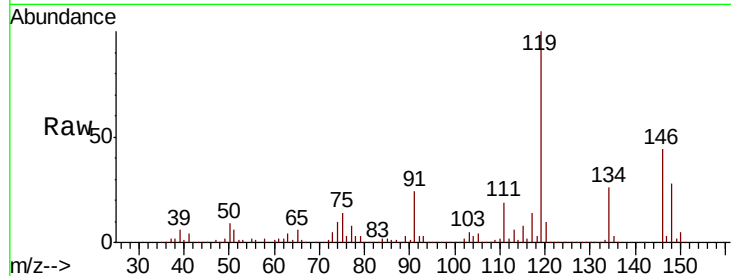




#87
 1,3-Dichlorobenzene
 Concen: 142.457 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

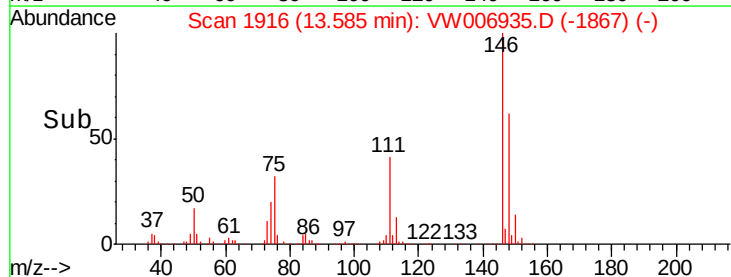
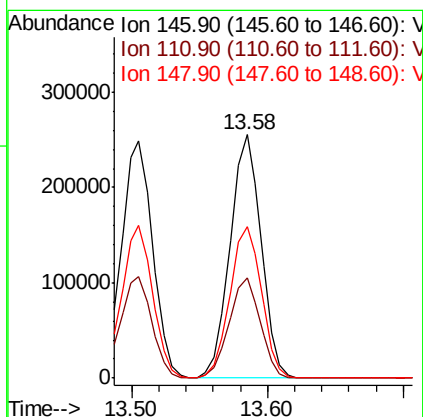
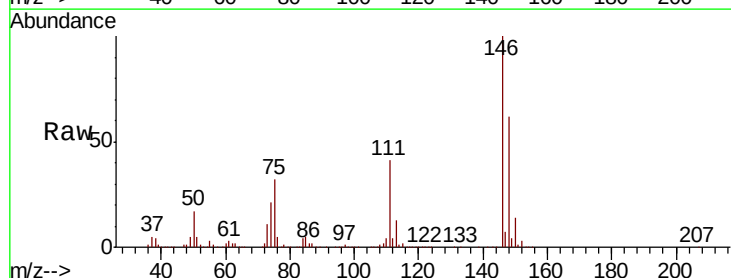
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

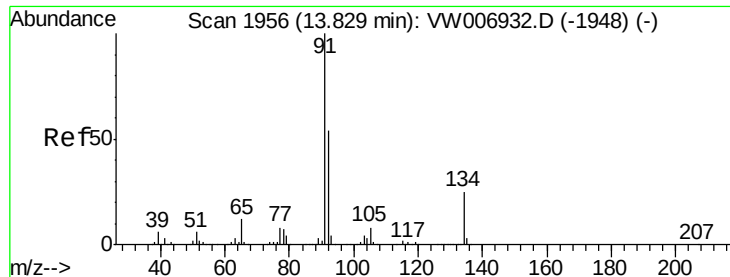
Tgt Ion:146 Resp: 403858
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.9
 148 63.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 144.020 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion:146 Resp: 404425
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 163.897 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006935.D

Acq: 17 Nov 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

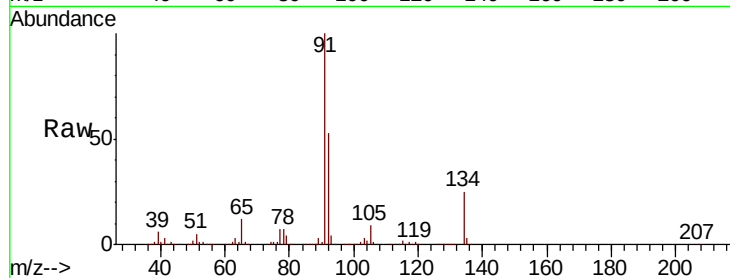
Tgt Ion: 91 Resp: 828202

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

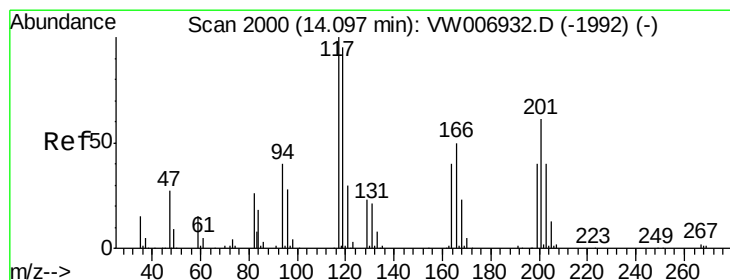
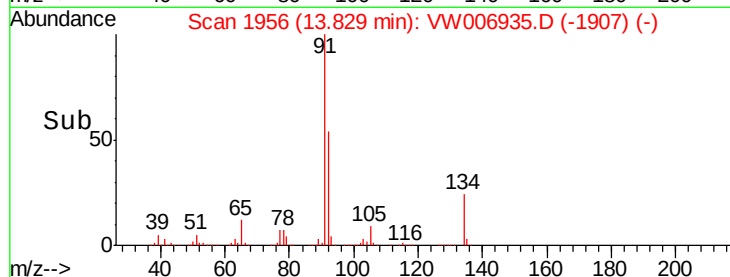
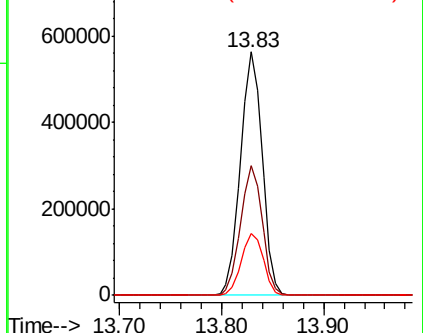
134 25.7 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 175.061 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006935.D

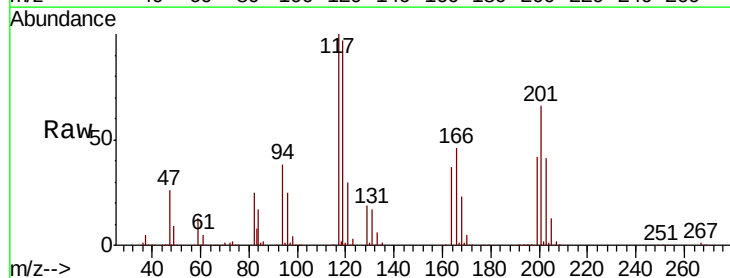
Acq: 17 Nov 2018 01:26

Tgt Ion: 117 Resp: 154376

Ion Ratio Lower Upper

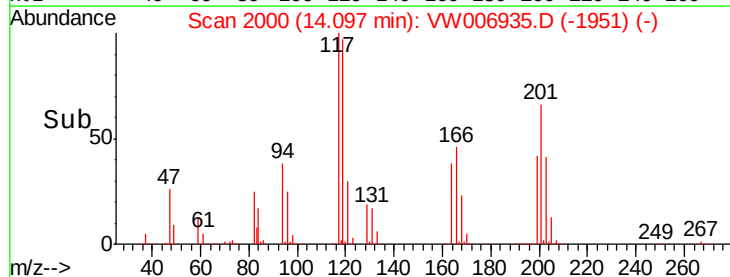
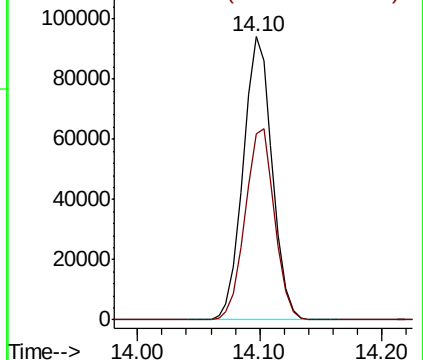
117 100

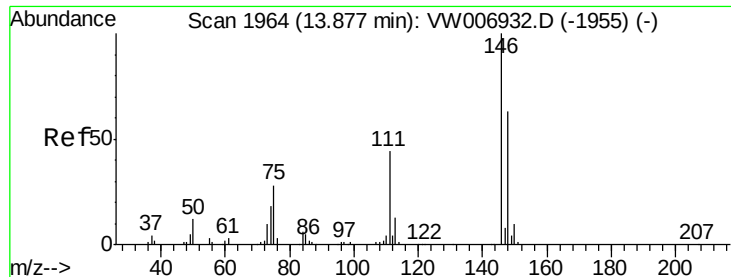
201 68.8 33.8 101.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

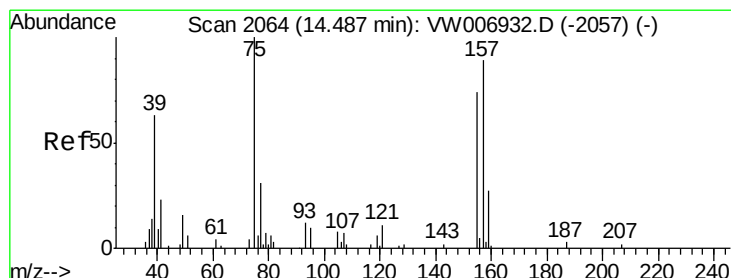
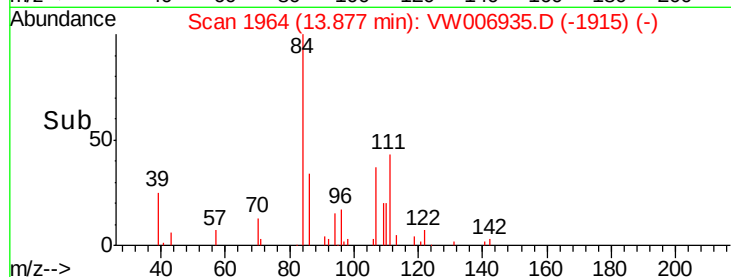
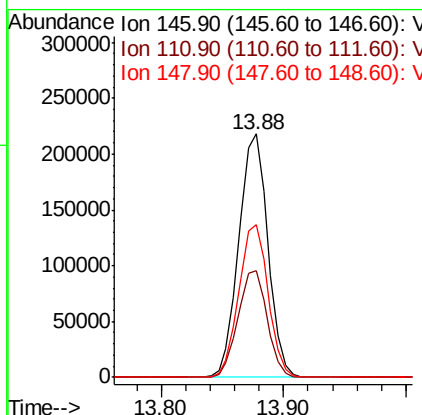
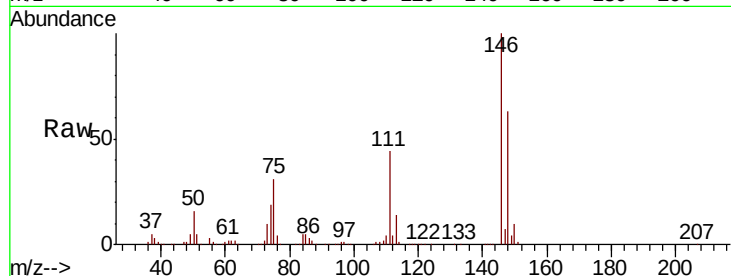




#91
 1,2-Dichlorobenzene
 Concen: 144.398 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

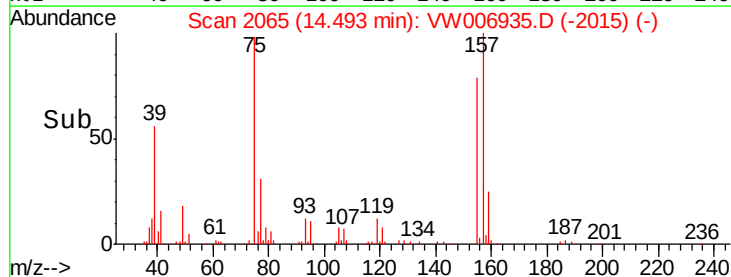
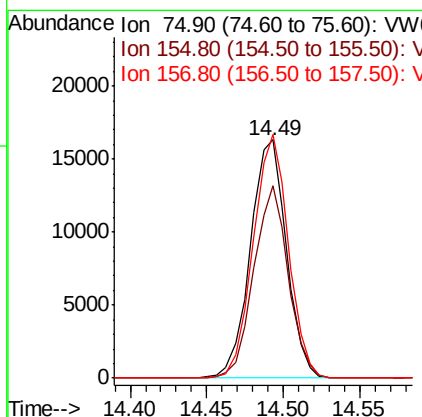
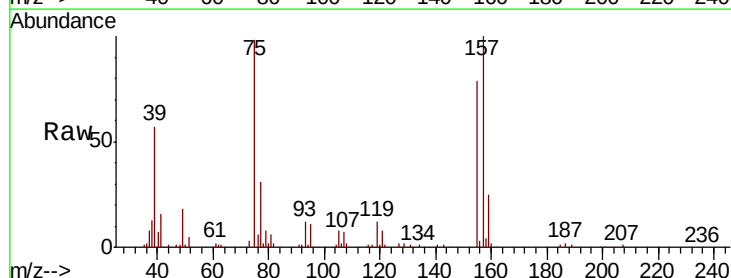
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

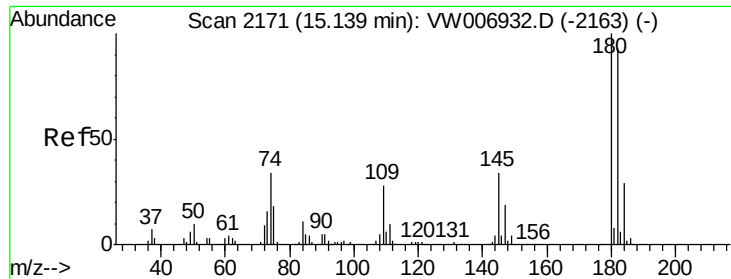
Tgt Ion:146 Resp: 358019
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.6 67.7
 148 63.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 205.184 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion: 75 Resp: 26734
 Ion Ratio Lower Upper
 75 100
 155 77.3 38.6 115.7
 157 99.7 49.7 149.1

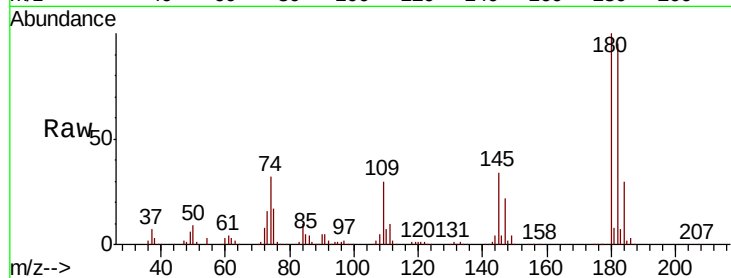




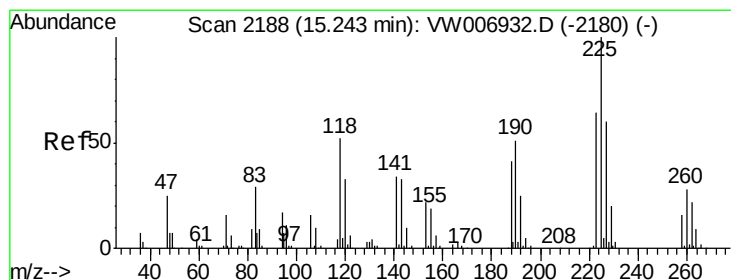
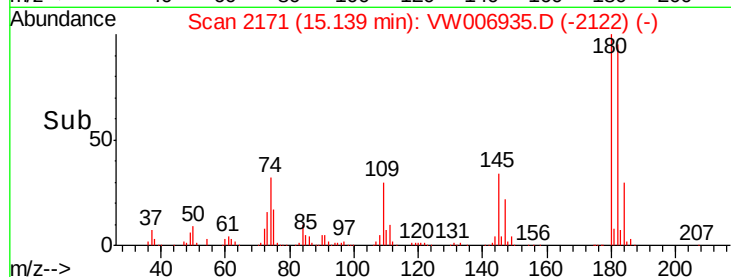
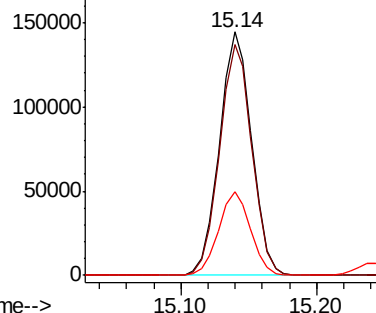
#93
 1,2,4-Trichlorobenzene
 Concen: 131.038 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 238845
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 141.9
 145 34.2 16.8 50.4

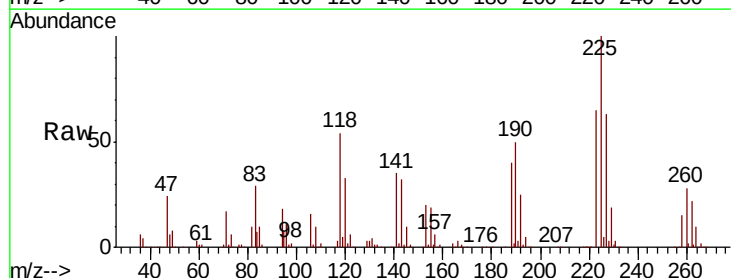


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

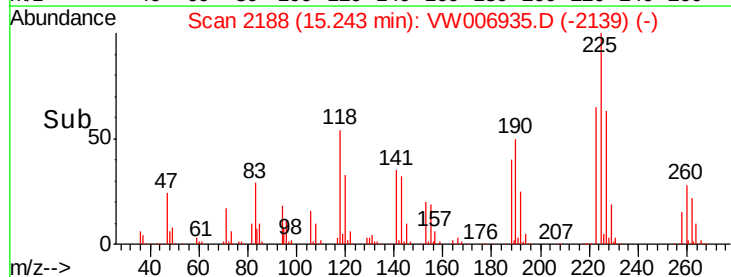
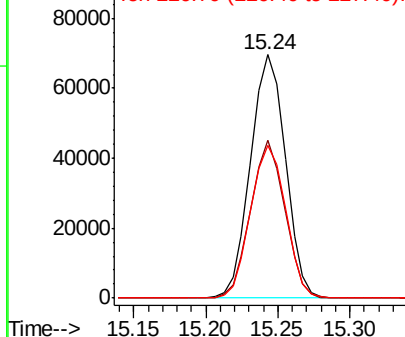


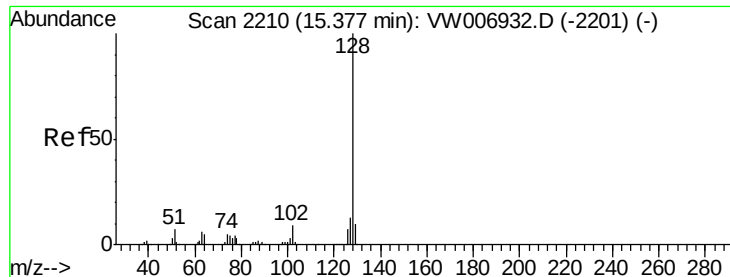
#94
 Hexachlorobutadiene
 Concen: 103.980 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006935.D
 Acq: 17 Nov 2018 01:26

Tgt Ion:225 Resp: 116969
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.1 96.3
 227 63.0 31.6 95.0



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

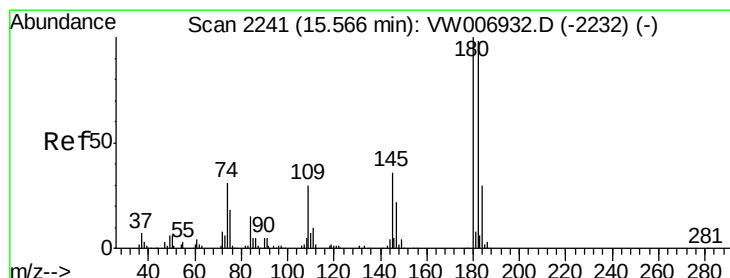
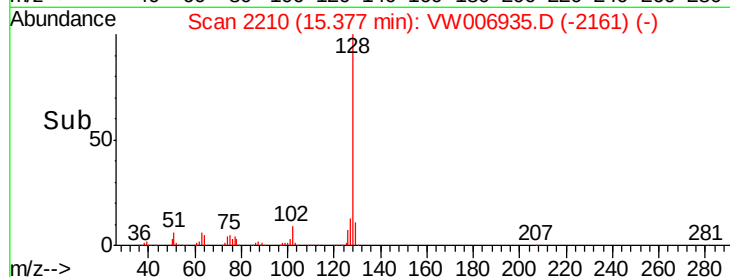
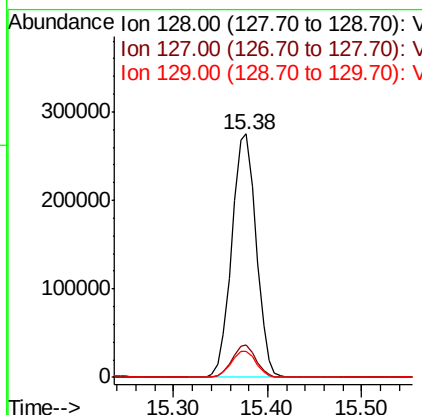
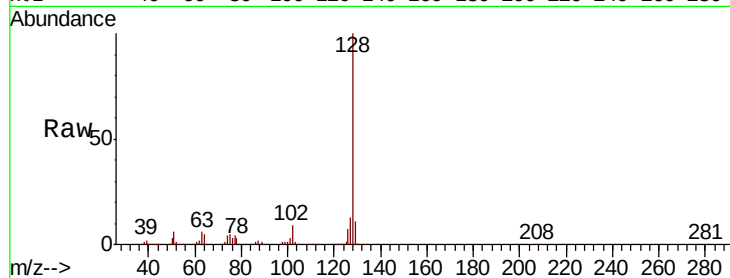




#95
Naphthalene
Concen: 174.009 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.1	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 133.839 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006935.D
Acq: 17 Nov 2018 01:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.4	142.2
145	35.8	17.6	52.9

