

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006934.D
 Acq On : 17 Nov 2018 01:00
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 17 04:27:18 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	110466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	184983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114784	128.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.94%	
35) Dibromofluoromethane	7.89	113	107611	96.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.92%	
50) Toluene-d8	10.33	98	456660	98.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.38%	
62) 4-Bromofluorobenzene	12.62	95	173635	100.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	94548	100.746	ug/l	99
3) Chloromethane	2.21	50	86216	84.596	ug/l	96
4) Vinyl Chloride	2.36	62	83757	78.228	ug/l	97
5) Bromomethane	2.78	94	40583	58.085	ug/l	99
6) Chloroethane	2.92	64	46503	67.924	ug/l	91
7) Trichlorofluoromethane	3.26	101	163391	108.408	ug/l	100
8) Diethyl Ether	3.69	74	56975	123.448	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	99152	97.652	ug/l	98
10) Methyl Iodide	4.28	142	140756	102.102	ug/l	99
11) Tert butyl alcohol	5.21	59	40381	693.261	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	95757	110.475	ug/l	98
13) Acrolein	3.90	56	42325	695.573	ug/l	99
14) Allyl chloride	4.68	41	171624	141.336	ug/l	98
15) Acrylonitrile	5.38	53	119289	677.513	ug/l	98
16) Acetone	4.15	43	87987	685.080	ug/l	97
17) Carbon Disulfide	4.38	76	315199	115.008	ug/l	97
18) Methyl Acetate	4.68	43	60715	137.719	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	274362	127.809	ug/l	100
20) Methylene Chloride	4.93	84	119503	89.196	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	112212	109.651	ug/l	96
22) Diisopropyl ether	6.32	45	338422	135.297	ug/l	99
23) Vinyl Acetate	6.26	43	941390	668.341	ug/l	100
24) 1,1-Dichloroethane	6.23	63	201319	124.942	ug/l	99
25) 2-Butanone	7.18	43	140178	649.851	ug/l	99
26) 2,2-Dichloropropane	7.17	77	161604	102.756	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	127765	116.230	ug/l	99
28) Bromochloromethane	7.52	49	71112	125.342	ug/l #	99
29) Tetrahydrofuran	7.54	42	93382	676.239	ug/l	99
30) Chloroform	7.68	83	208265	119.243	ug/l	98
31) Cyclohexane	7.96	56	173933	106.659	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	179851	108.466	ug/l	99
36) 1,1-Dichloropropene	8.09	75	159430	91.990	ug/l	98
37) Ethyl Acetate	7.26	43	65065	109.908	ug/l	100
38) Carbon Tetrachloride	8.07	117	155644	84.048	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199938	89.974	ug/l	99
40) Benzene	8.33	78	468167	96.693	ug/l	100
41) Methacrylonitrile	7.49	41	38775	106.165	ug/l	92
42) 1,2-Dichloroethane	8.40	62	134121	101.812	ug/l	100
43) Isopropyl Acetate	8.43	43	134744	116.856	ug/l	99
44) Trichloroethene	9.10	130	124492	83.460	ug/l	98
45) 1,2-Dichloropropane	9.37	63	115165	100.881	ug/l	99
46) Dibromomethane	9.46	93	58057	92.740	ug/l	99
47) Bromodichloromethane	9.65	83	152051	97.143	ug/l	98
48) Methyl methacrylate	9.44	41	64550	115.076	ug/l	97
49) 1,4-Dioxane	9.47	88	17805	1874.547	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	318663	553.118	ug/l	99
52) Toluene	10.39	92	309686	91.158	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	160546	104.148	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	185049	101.158	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	85525	92.036	ug/l	97
56) Ethyl methacrylate	10.65	69	112797	108.701	ug/l	97
57) 1,3-Dichloropropane	10.93	76	147658	99.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	267095	522.493	ug/l	99
59) 2-Hexanone	10.97	43	219850	556.345	ug/l	99
60) Dibromochloromethane	11.13	129	105039	93.444	ug/l	98
61) 1,2-Dibromoethane	11.24	107	81945	93.287	ug/l	100
64) Tetrachloroethene	10.87	164	105705	79.186	ug/l	99
65) Chlorobenzene	11.66	112	343874	90.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	112267	91.267	ug/l	99
67) Ethyl Benzene	11.74	91	622895	95.453	ug/l	98
68) m/p-Xylenes	11.84	106	477428	180.468	ug/l	100
69) o-Xylene	12.17	106	227336	92.098	ug/l	100
70) Styrene	12.18	104	371939	93.933	ug/l	99
71) Bromoform	12.35	173	54367	82.965	ug/l #	100
73) Isopropylbenzene	12.47	105	618992	106.380	ug/l	100
74) N-amyl acetate	12.28	43	125474	134.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	89147	109.785	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	124391	200.712	ug/l #	100
77) Bromobenzene	12.75	156	132161	92.337	ug/l	99
78) n-propylbenzene	12.81	91	739347	107.347	ug/l	100
79) 2-Chlorotoluene	12.90	91	432696	111.128	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	536194	107.260	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28790	116.167	ug/l	98
82) 4-Chlorotoluene	12.99	91	455430	109.743	ug/l	100
83) tert-Butylbenzene	13.21	119	450361	102.715	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	540304	106.353	ug/l	99
85) sec-Butylbenzene	13.39	105	638659	102.609	ug/l	100
86) p-Isopropyltoluene	13.51	119	559308	99.523	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	261183	89.869	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	261721	90.915	ug/l	100
89) n-Butylbenzene	13.83	91	542940	104.808	ug/l	99
90) Hexachloroethane	14.10	117	95994	106.185	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	233044	91.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16013	119.884	ug/l	99

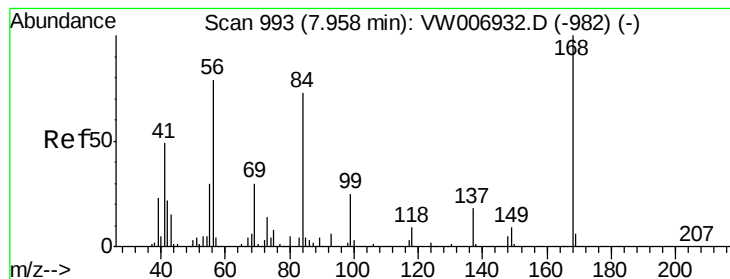
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
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Quant Title : SW846 8260
QLast Update : Sat Nov 17 01:21:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	152794	81.771	ug/l	100
94) Hexachlorobutadiene	15.24	225	77571	67.265	ug/l	100
95) Naphthalene	15.38	128	305218	104.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	131270	81.816	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

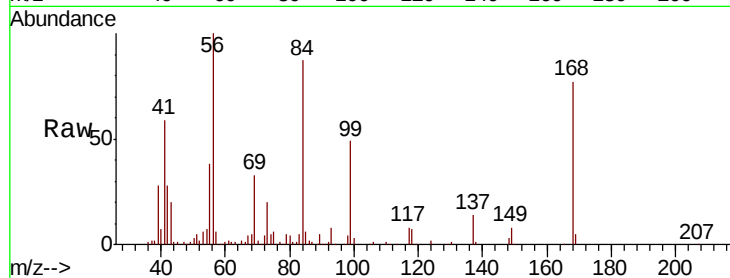
VSTDIC100

Tgt Ion:168 Resp: 110466

Ion Ratio Lower Upper

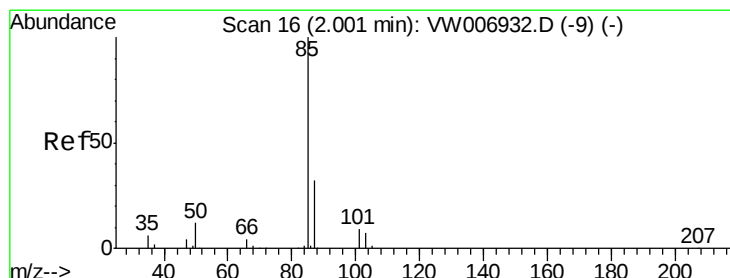
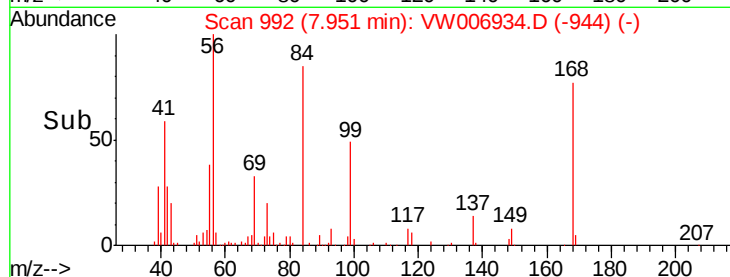
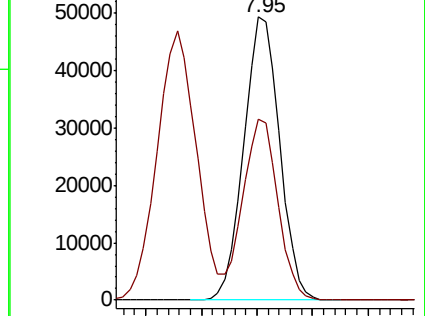
168 100

99 63.6 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 100.746 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006934.D

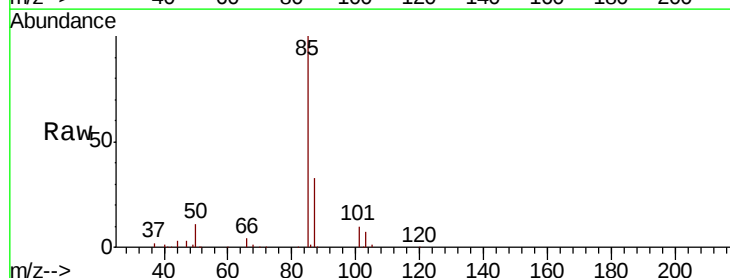
Acq: 17 Nov 2018 01:00

Tgt Ion: 85 Resp: 94548

Ion Ratio Lower Upper

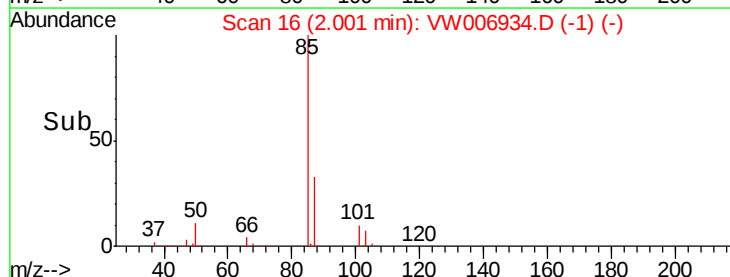
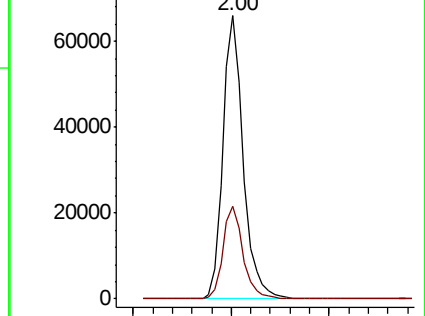
85 100

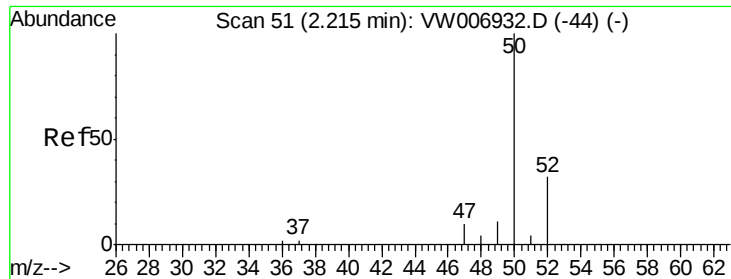
87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

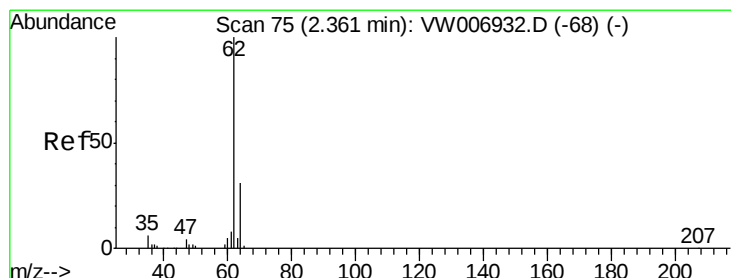
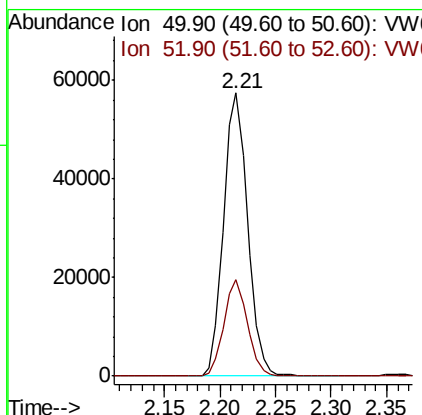
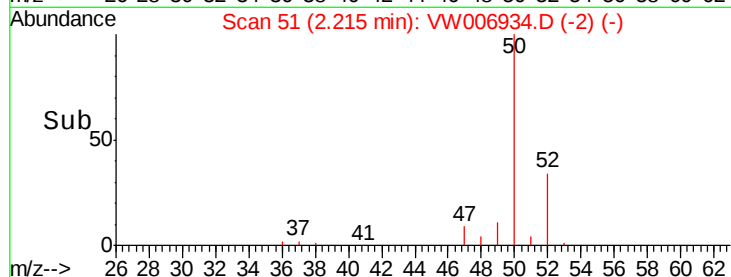
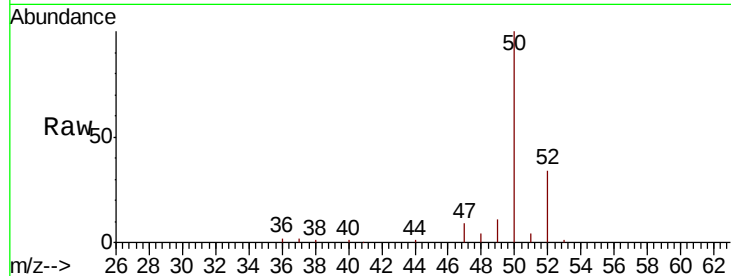




#3
 Chloromethane
 Concen: 84.596 ug/l
 RT: 2.21 min Scan# 51
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

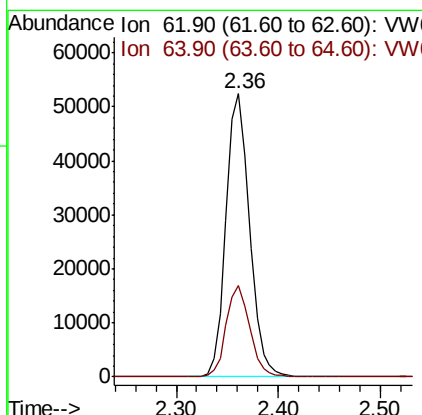
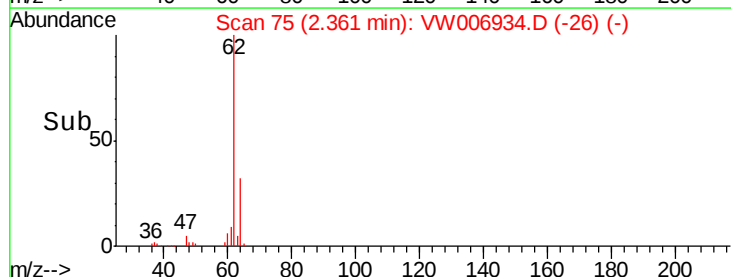
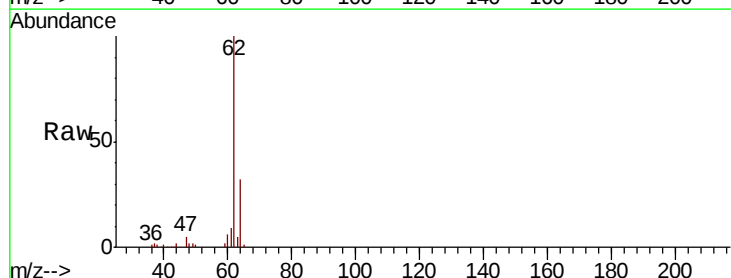
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

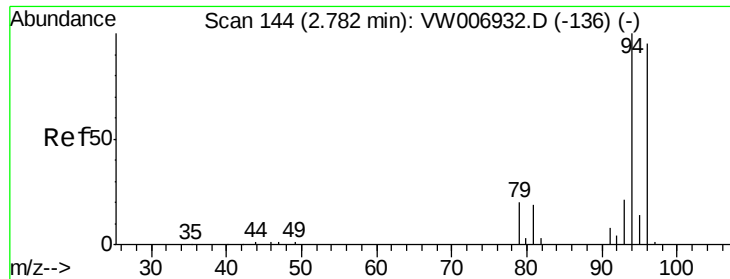
Tgt Ion: 50 Resp: 86216
 Ion Ratio Lower Upper
 50 100
 52 34.2 25.4 38.2



#4
 Vinyl Chloride
 Concen: 78.228 ug/l
 RT: 2.36 min Scan# 75
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 62 Resp: 83757
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.6 37.0





#5

Bromomethane

Concen: 58.085 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

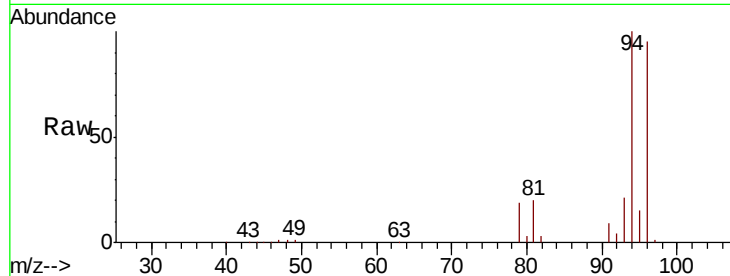
VSTDIC100

Tgt Ion: 94 Resp: 40583

Ion Ratio Lower Upper

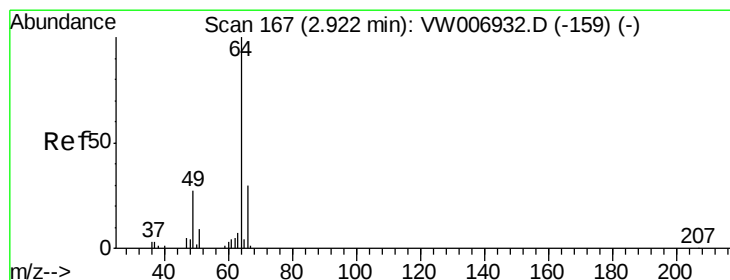
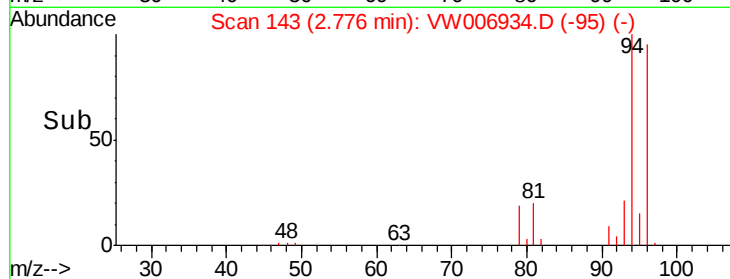
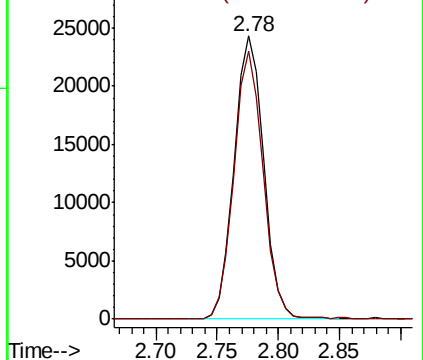
94 100

96 94.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 67.924 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006934.D

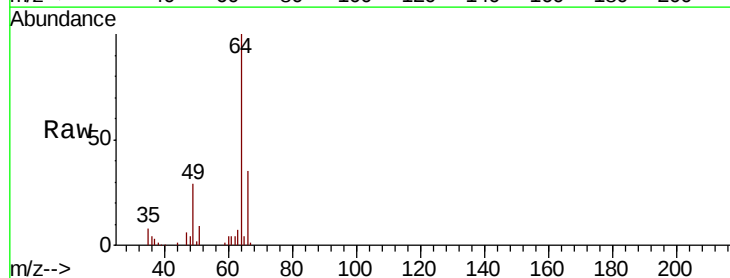
Acq: 17 Nov 2018 01:00

Tgt Ion: 64 Resp: 46503

Ion Ratio Lower Upper

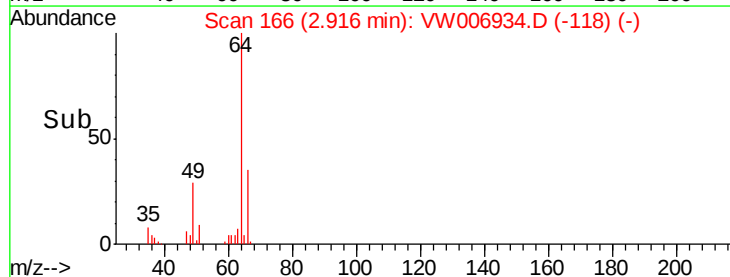
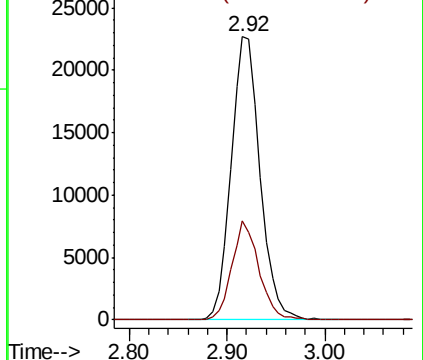
64 100

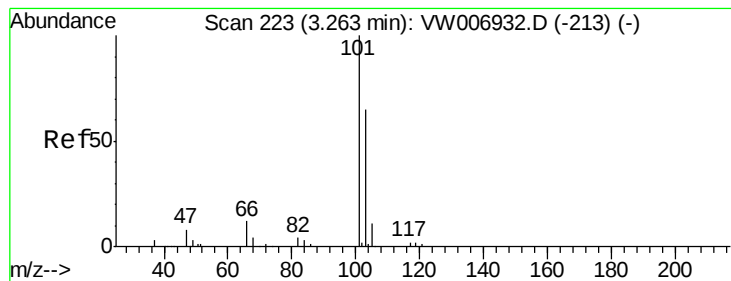
66 34.9 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



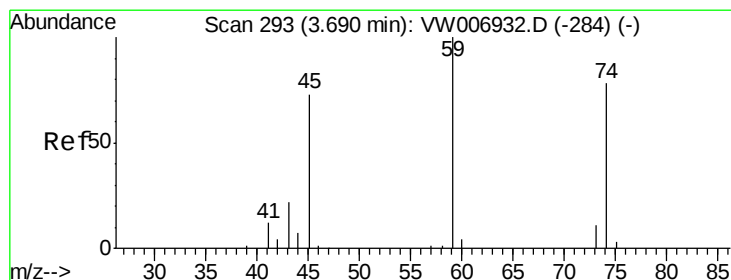
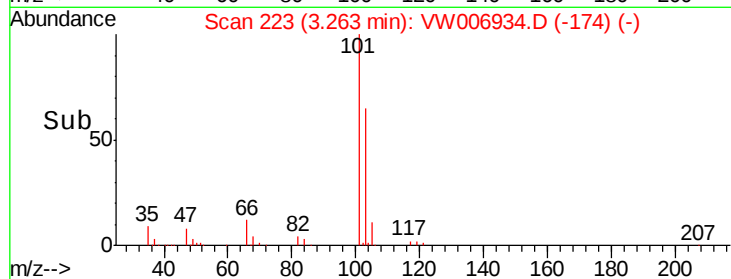
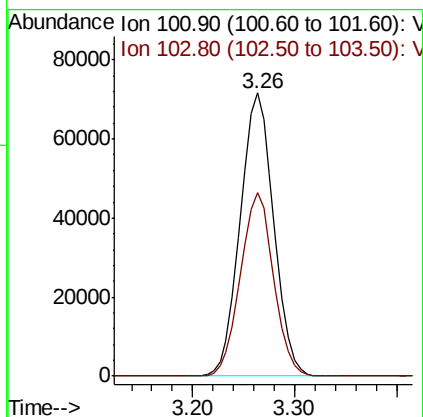
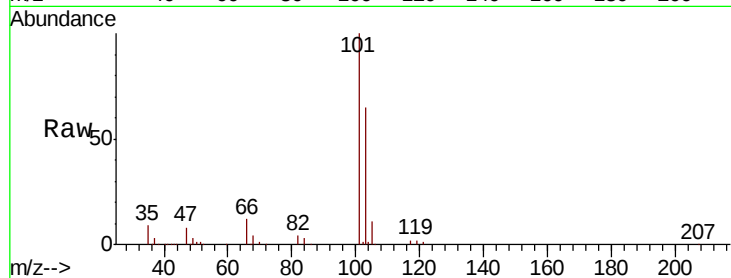


#7

Trichlorofluoromethane
 Concen: 108.408 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

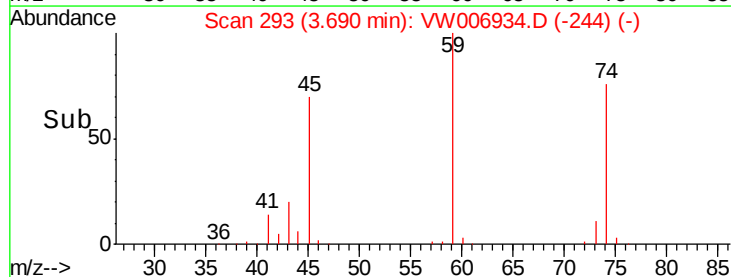
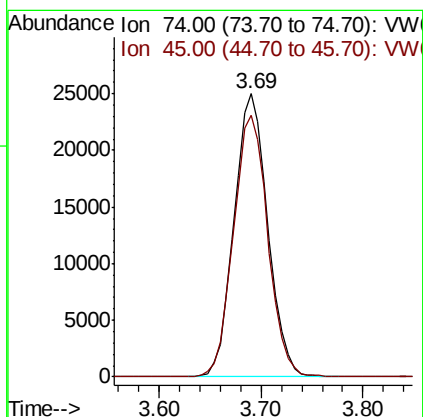
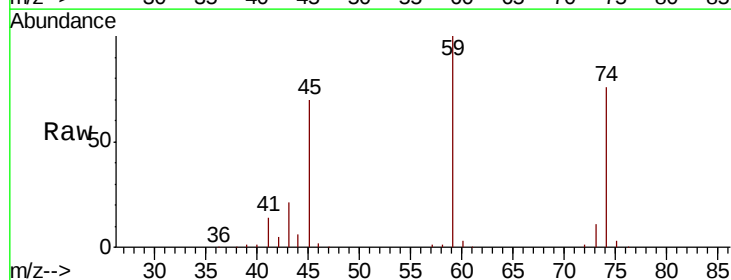
Tgt Ion: 101 Resp: 163391
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.2

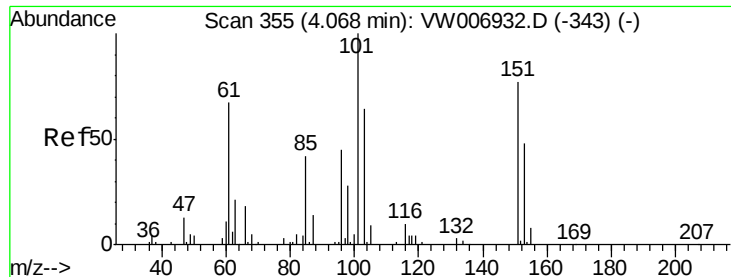


#8

Diethyl Ether
 Concen: 123.448 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 74 Resp: 56975
 Ion Ratio Lower Upper
 74 100
 45 94.6 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.652 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

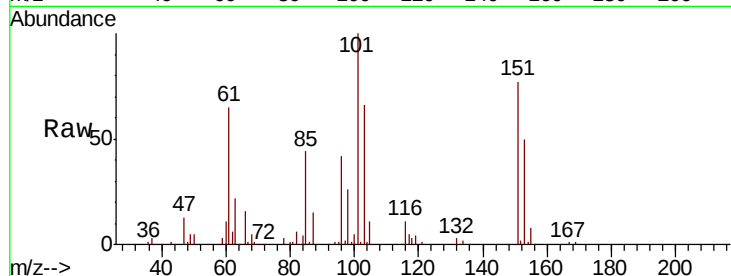
Tgt Ion:101 Resp: 99152

Ion Ratio Lower Upper

101 100

85 44.0 34.5 51.7

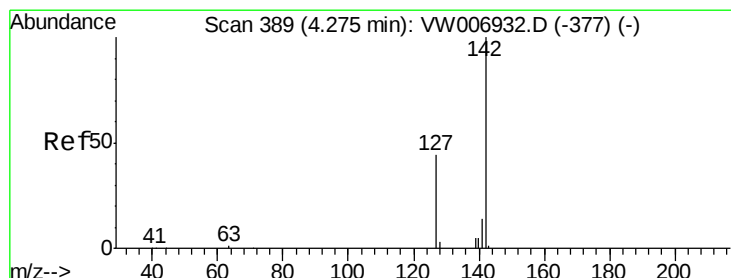
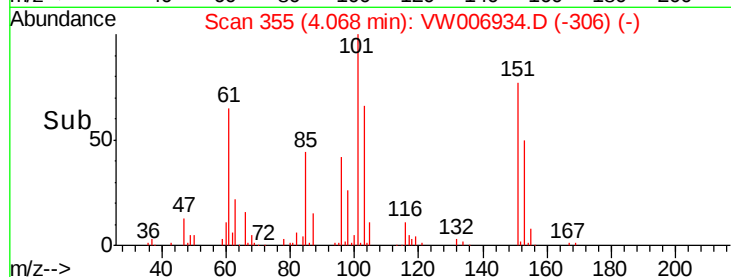
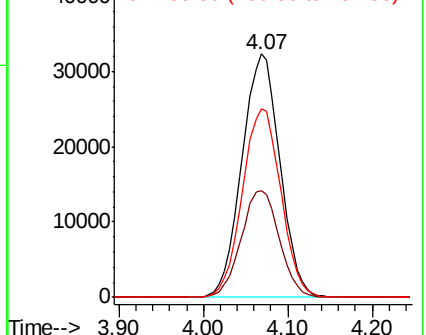
151 78.4 61.5 92.3



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: 102.102 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

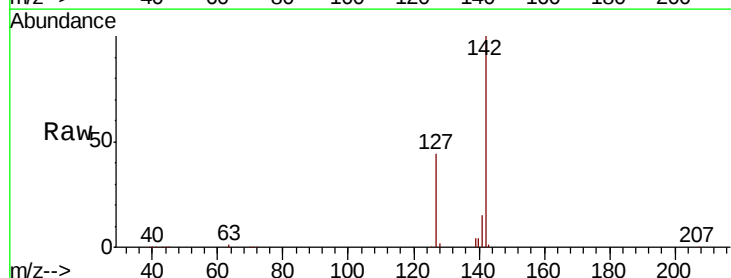
Tgt Ion:142 Resp: 140756

Ion Ratio Lower Upper

142 100

127 43.4 34.4 51.6

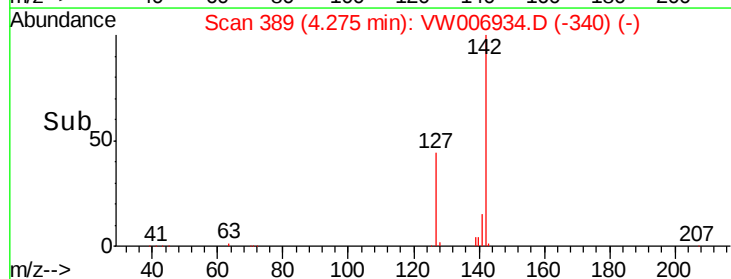
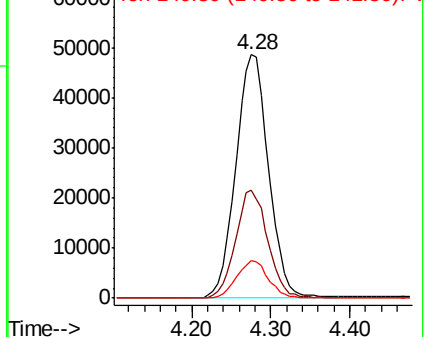
141 14.6 11.5 17.3

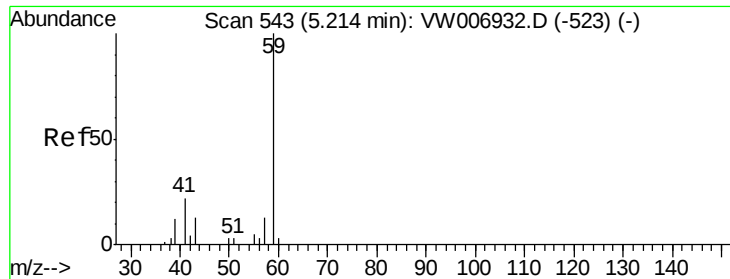


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

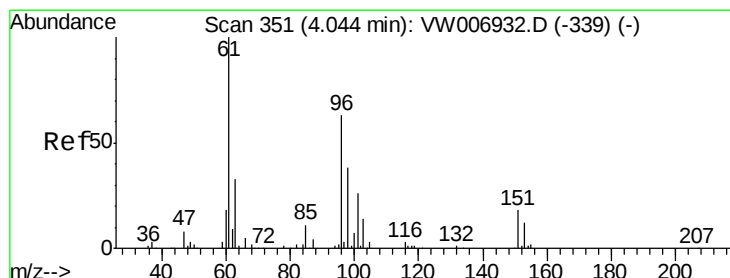
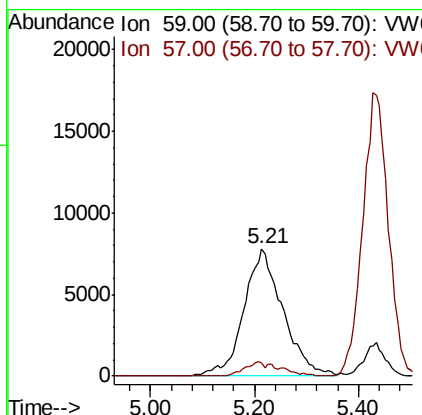
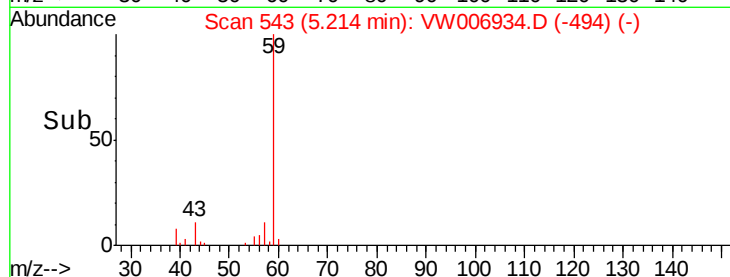
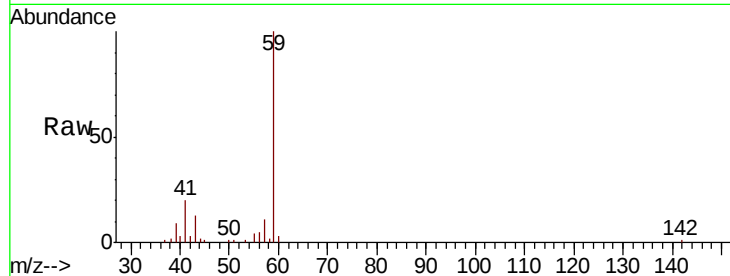




#11
Tert butyl alcohol
Concen: 693.261 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

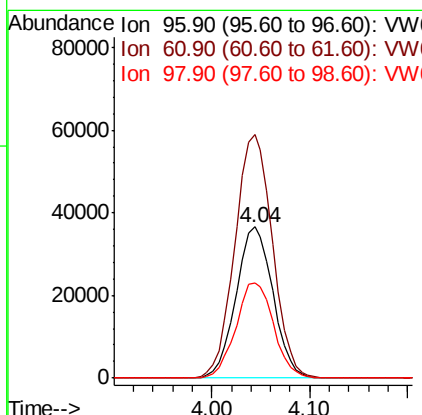
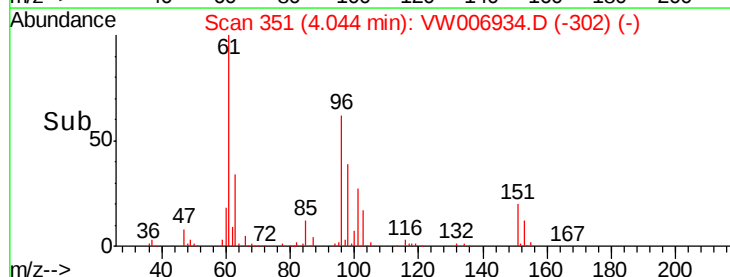
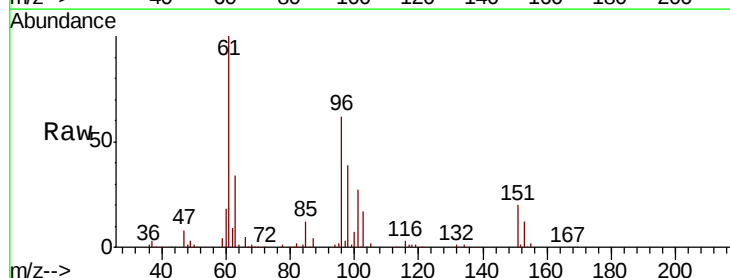
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

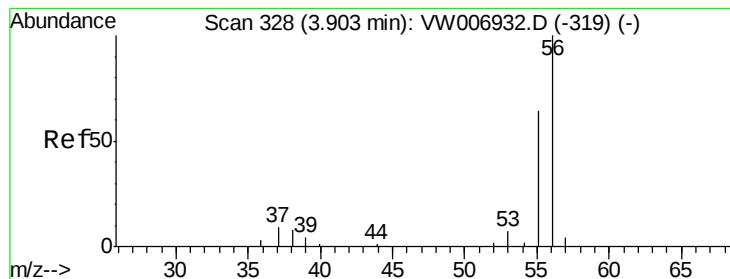
Tgt Ion: 59 Resp: 40381
Ion Ratio Lower Upper
59 100
57 5.5 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 110.475 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 96 Resp: 95757
Ion Ratio Lower Upper
96 100
61 161.0 127.8 191.8
98 63.0 48.3 72.5





#13

Acrolein

Concen: 695.573 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

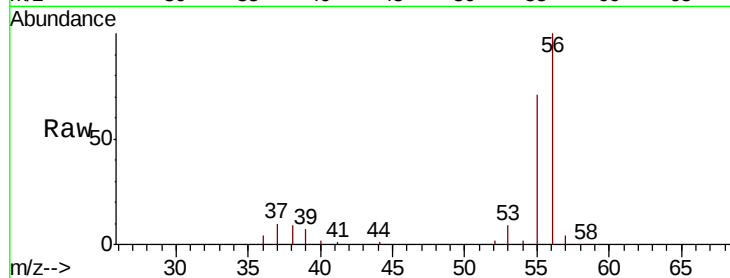
VSTDIC100

Tgt Ion: 56 Resp: 42325

Ion Ratio Lower Upper

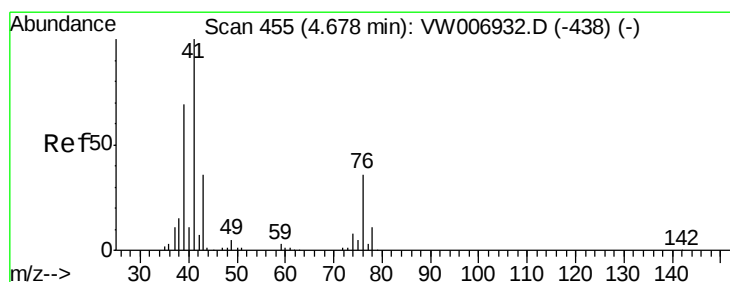
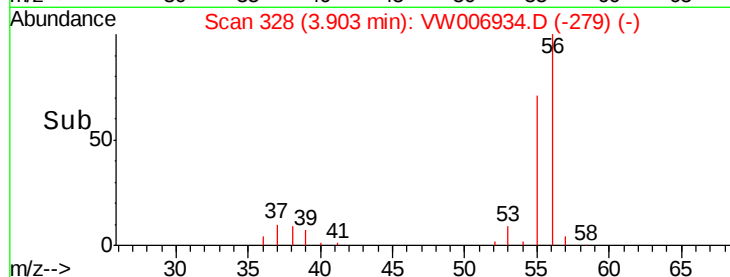
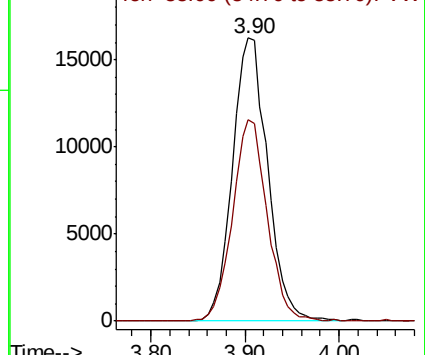
56 100

55 70.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 141.336 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

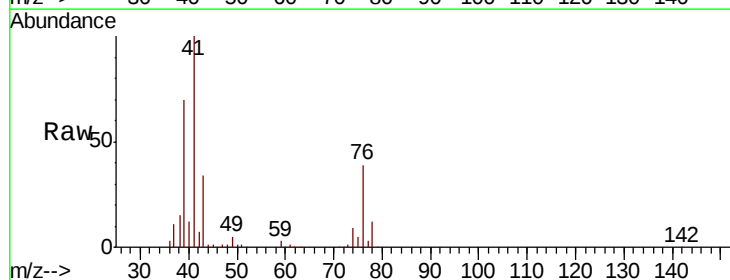
Tgt Ion: 41 Resp: 171624

Ion Ratio Lower Upper

41 100

39 69.7 55.0 82.4

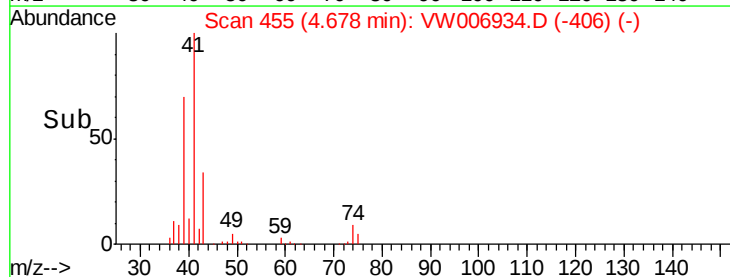
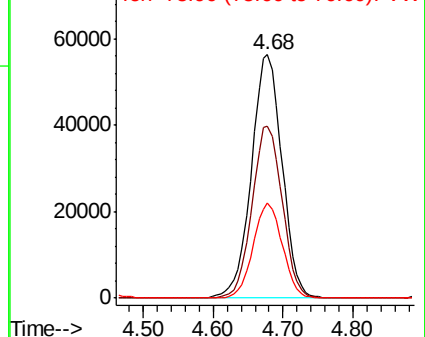
76 37.3 28.0 42.0

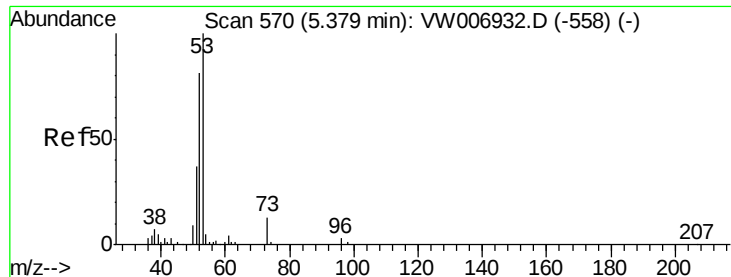


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 677.513 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

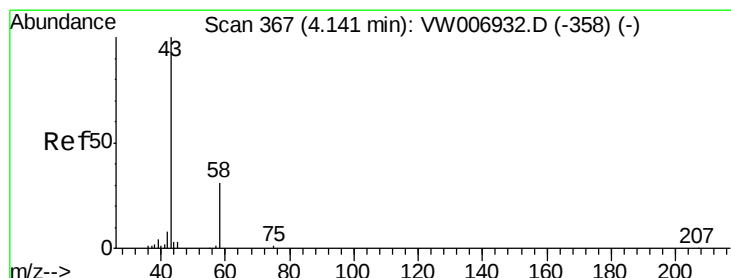
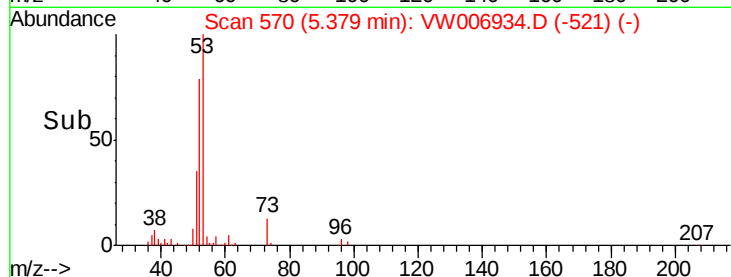
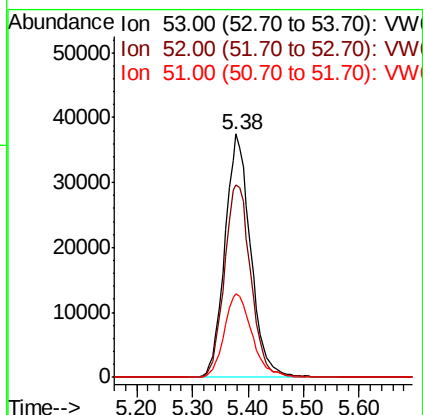
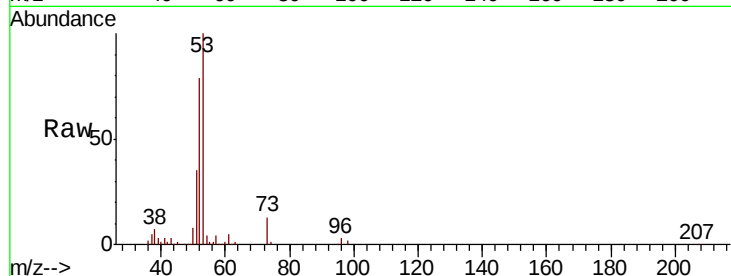
Tgt Ion: 53 Resp: 119289

Ion Ratio Lower Upper

53 100

52 81.2 67.0 100.6

51 36.9 29.8 44.6



#16

Acetone

Concen: 685.080 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006934.D

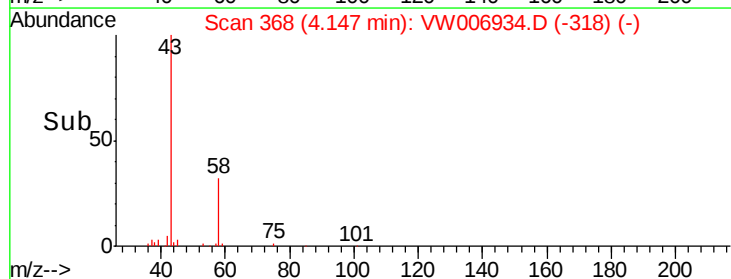
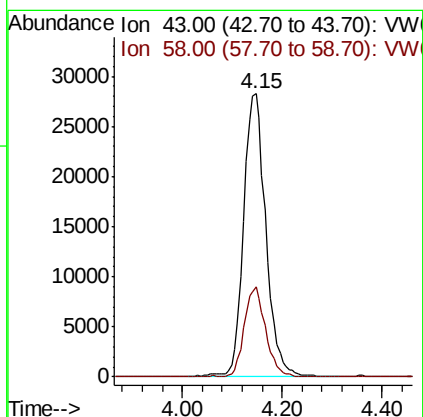
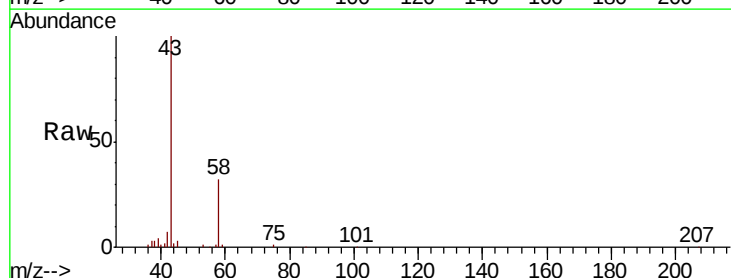
Acq: 17 Nov 2018 01:00

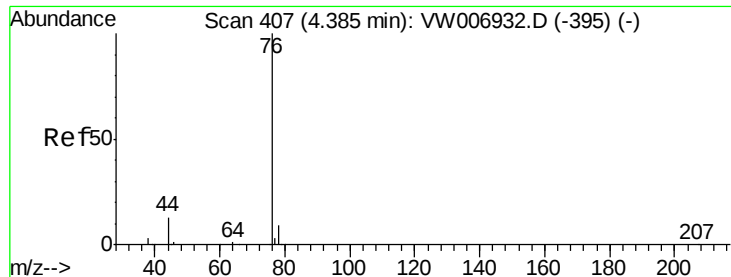
Tgt Ion: 43 Resp: 87987

Ion Ratio Lower Upper

43 100

58 31.8 24.2 36.4

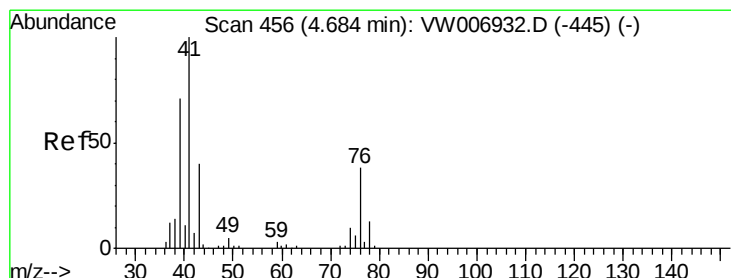
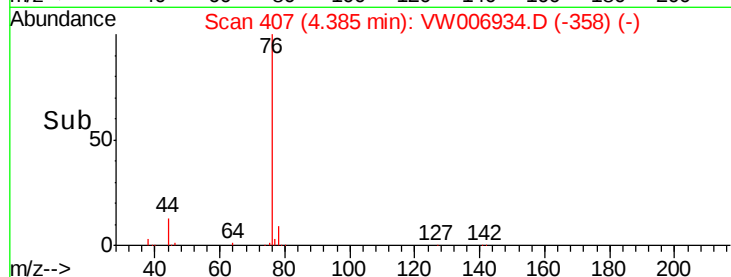
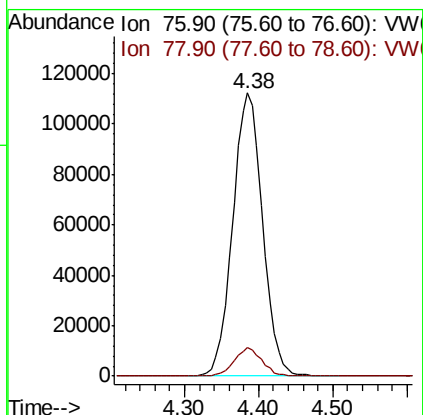
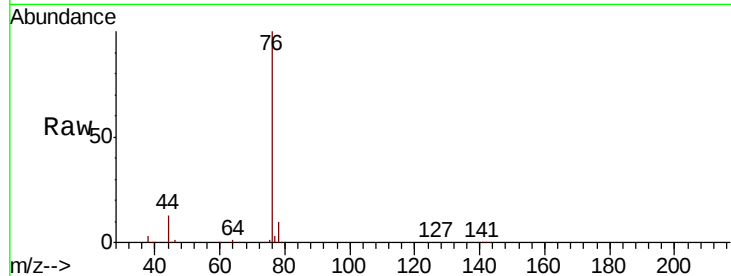




#17
Carbon Disulfide
Concen: 115.008 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

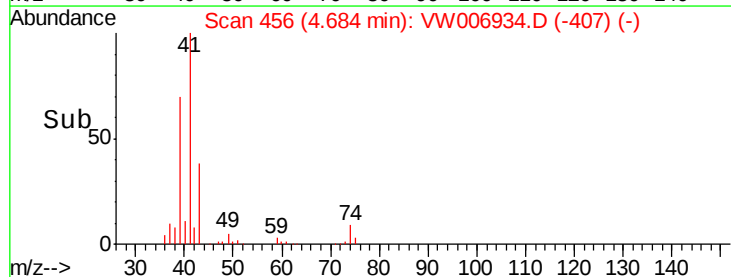
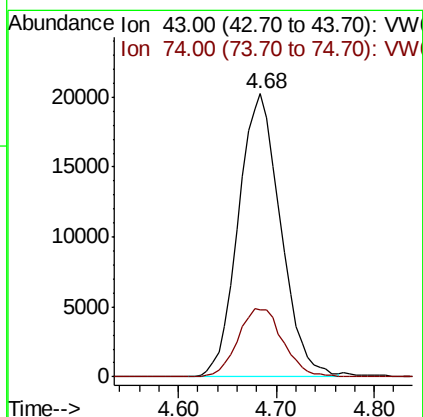
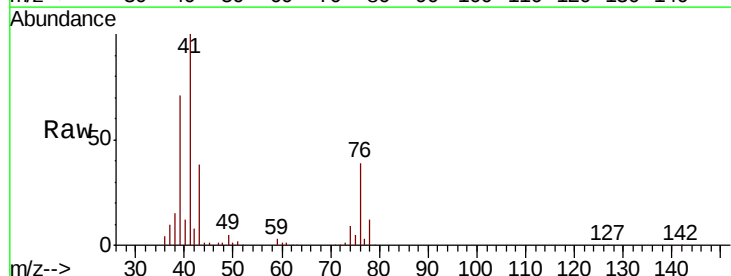
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

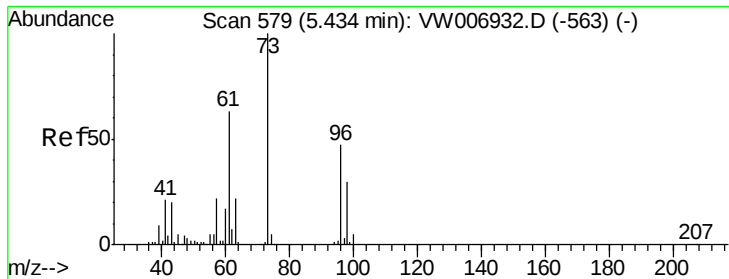
Tgt Ion: 76 Resp: 315199
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7



#18
Methyl Acetate
Concen: 137.719 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 43 Resp: 60715
Ion Ratio Lower Upper
43 100
74 25.5 20.3 30.5

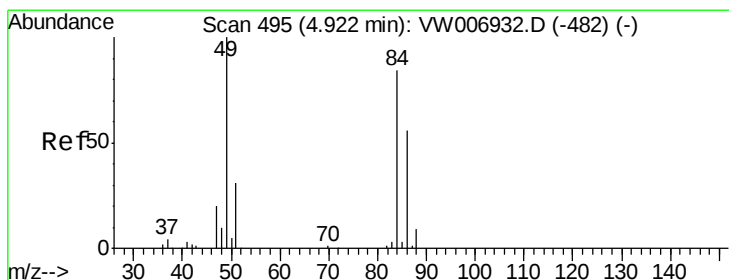
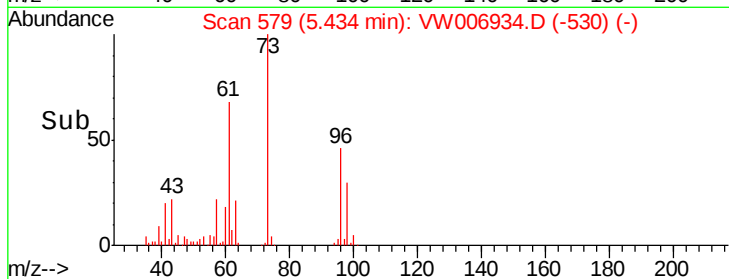
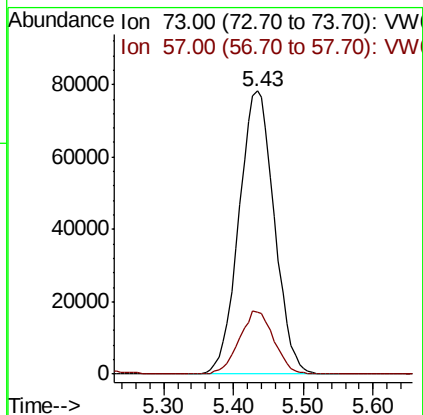
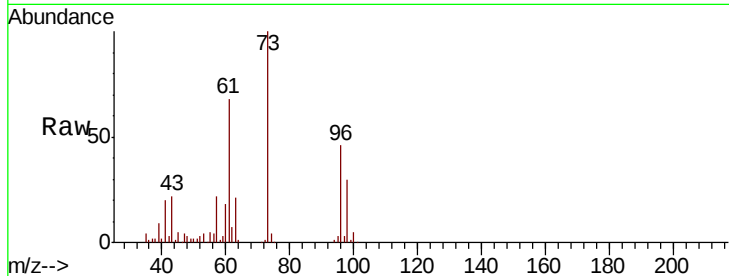




#19
Methyl tert-butyl Ether
Concen: 127.809 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

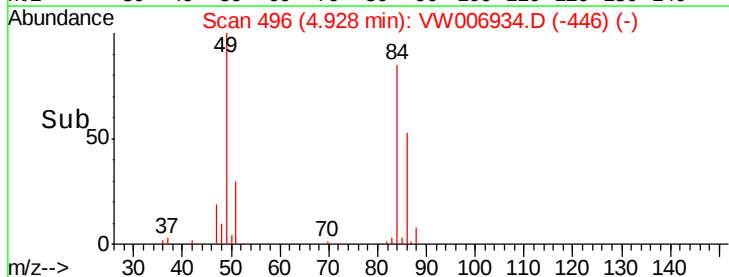
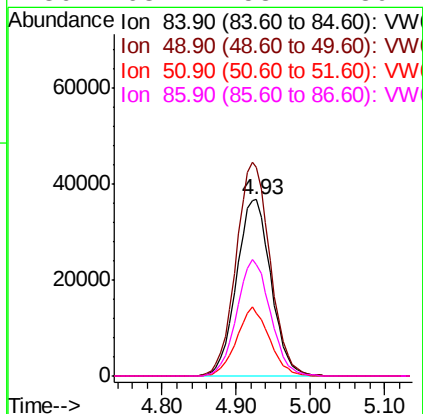
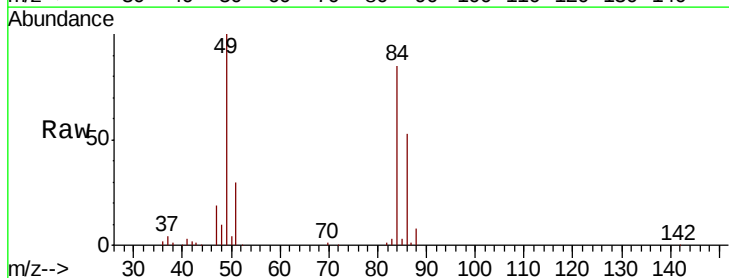
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

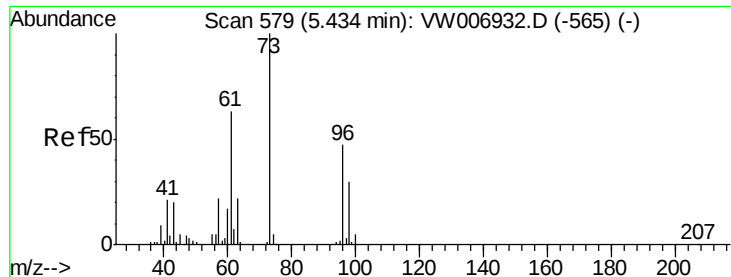
Tgt Ion: 73 Resp: 274362
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3



#20
Methylene Chloride
Concen: 89.196 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 84 Resp: 119503
Ion Ratio Lower Upper
84 100
49 118.3 95.4 143.2
51 35.4 29.5 44.3
86 63.2 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 109.651 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

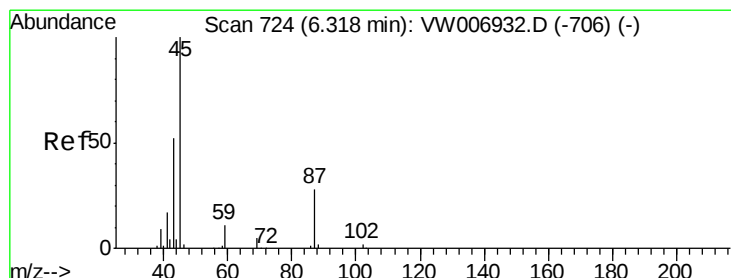
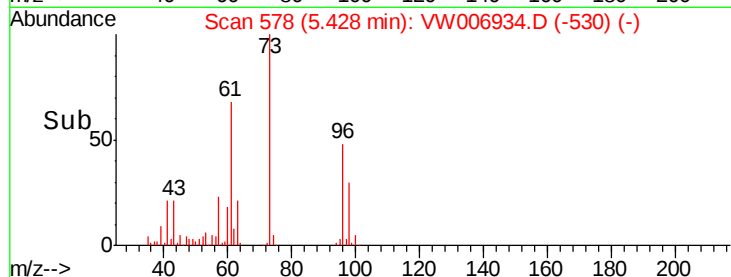
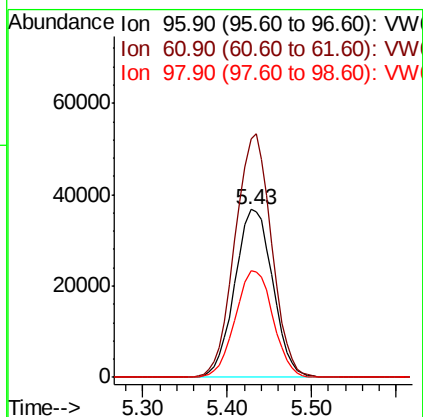
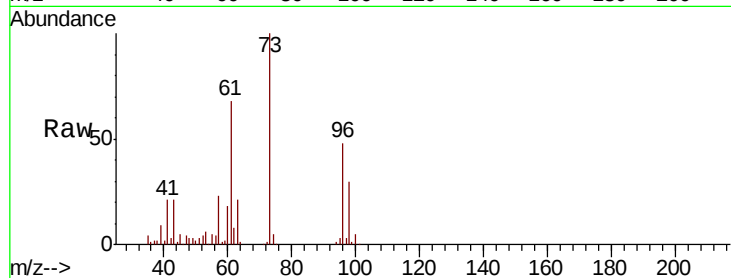
Tgt Ion: 96 Resp: 112212

Ion Ratio Lower Upper

96 100

61 141.8 108.2 162.4

98 63.5 50.6 76.0



#22

Diisopropyl ether

Concen: 135.297 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion: 45 Resp: 338422

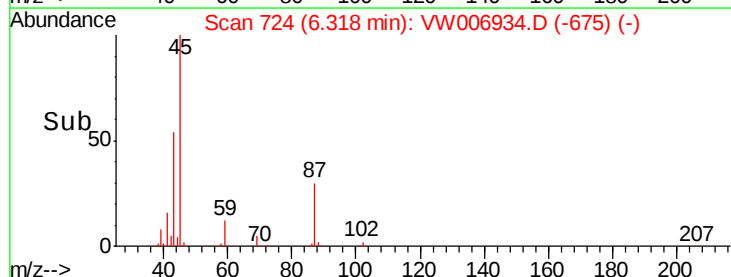
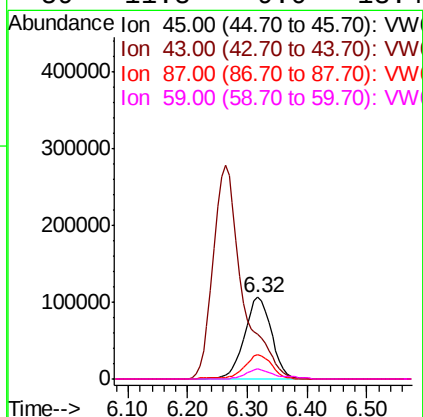
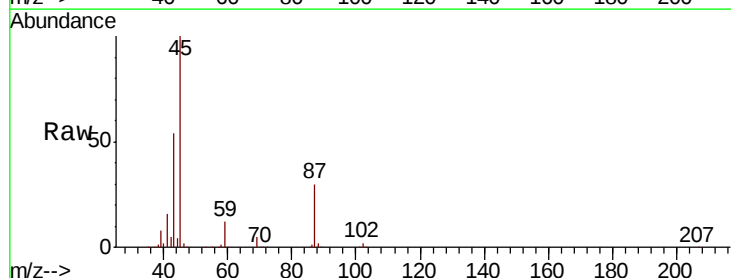
Ion Ratio Lower Upper

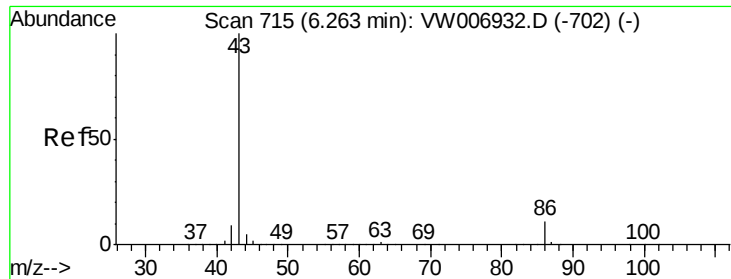
45 100

43 53.8 43.1 64.7

87 29.7 22.7 34.1

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 668.341 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

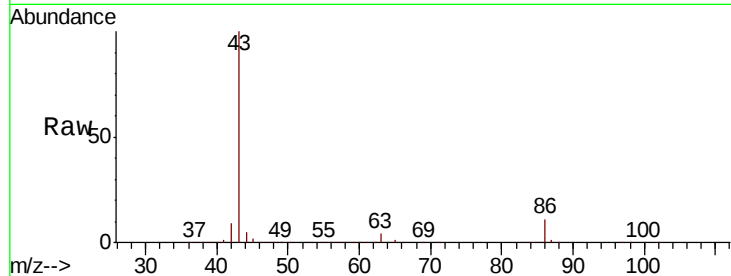
VSTDIC100

Tgt Ion: 43 Resp: 941390

Ion Ratio Lower Upper

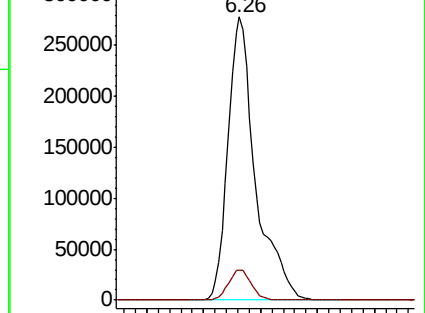
43 100

86 10.7 8.7 13.1

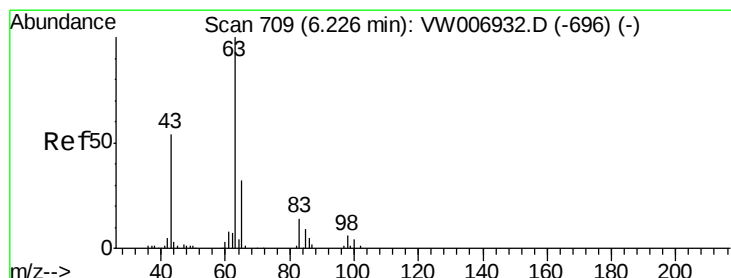
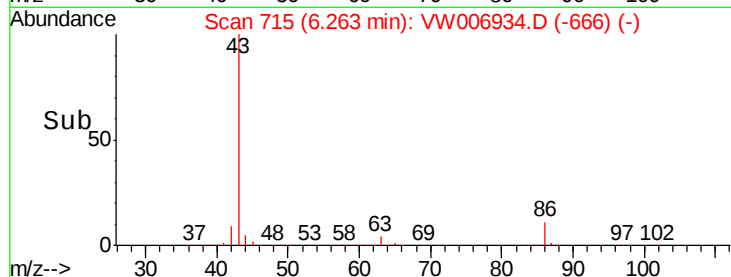


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 124.942 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

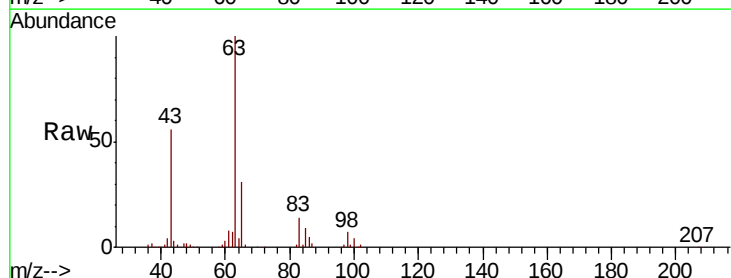
Tgt Ion: 63 Resp: 201319

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

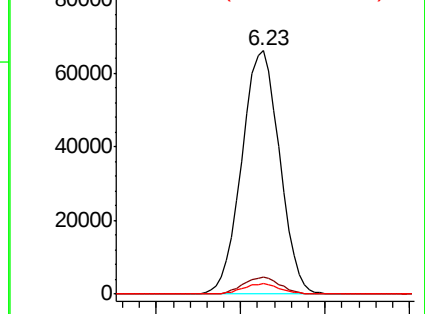
100 4.3 2.1 6.5



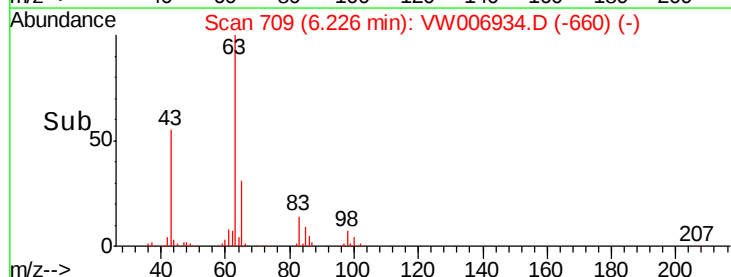
Abundance Ion 62.90 (62.60 to 63.60): VW

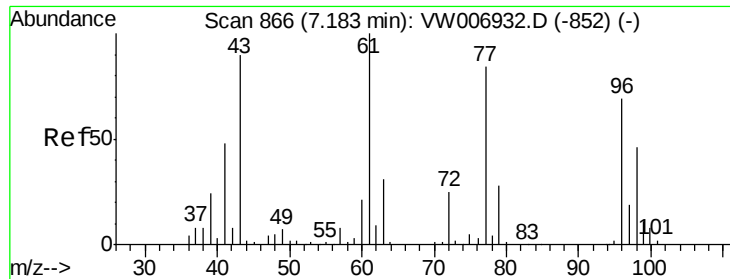
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->

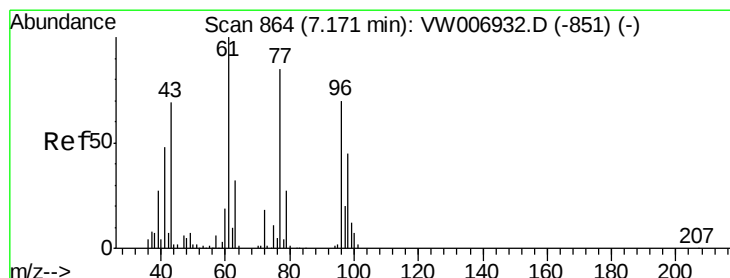
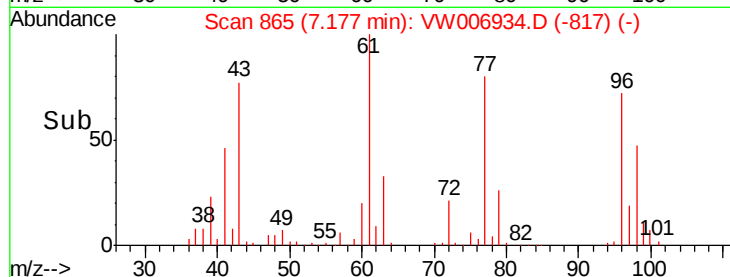
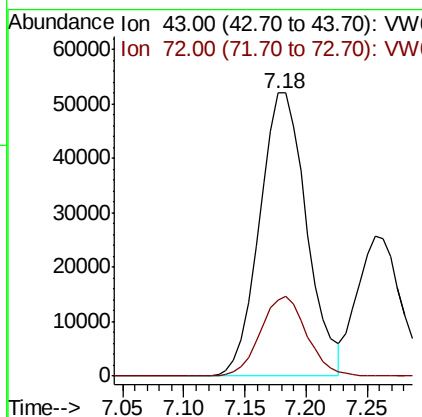
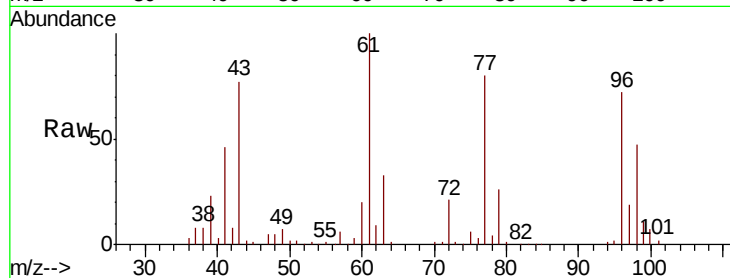




#25
2-Butanone
Concen: 649.851 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

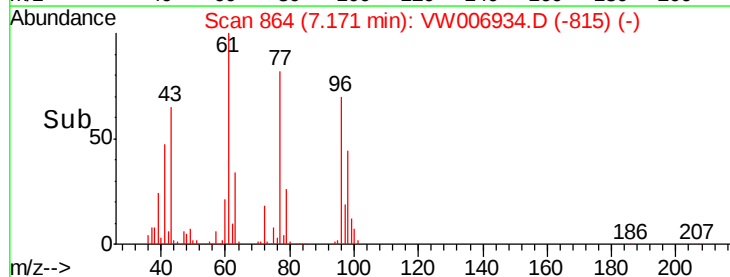
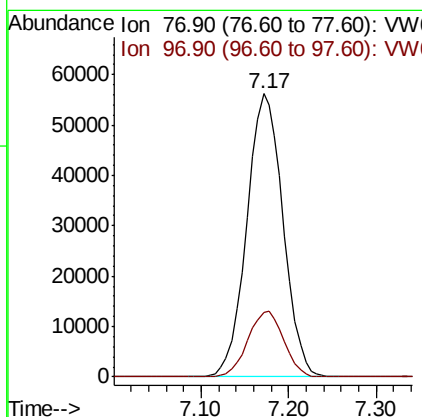
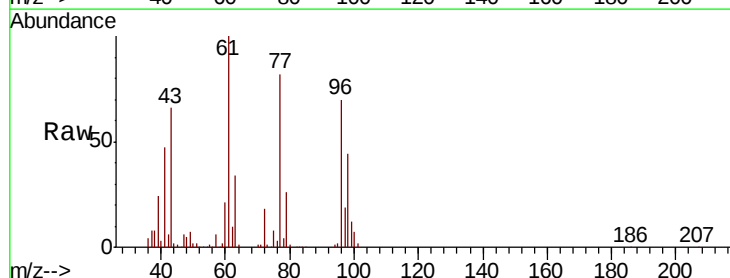
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

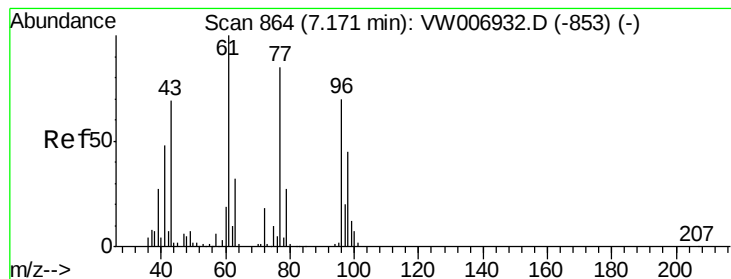
Tgt Ion: 43 Resp: 140178
Ion Ratio Lower Upper
43 100
72 27.0 22.1 33.1



#26
2,2-Dichloropropane
Concen: 102.756 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 77 Resp: 161604
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 116.230 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

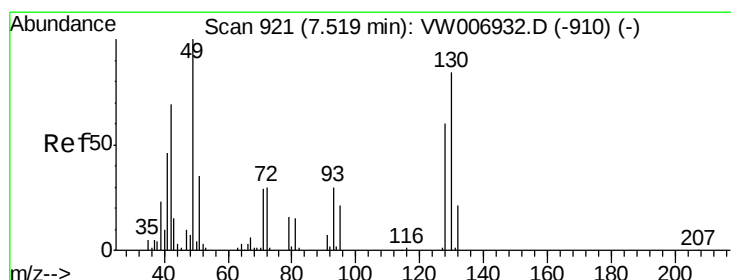
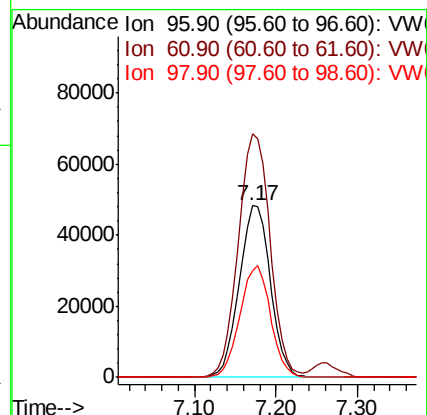
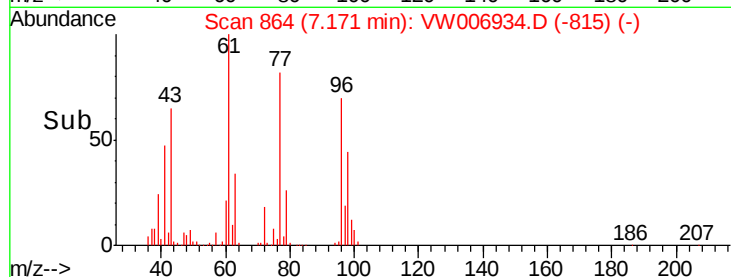
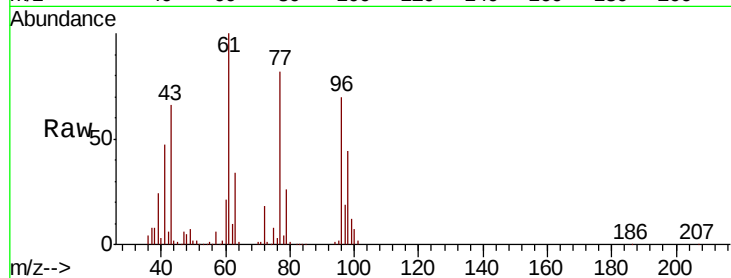
Tgt Ion: 96 Resp: 127765

Ion Ratio Lower Upper

96 100

61 145.3 0.0 293.8

98 64.0 0.0 131.0



#28

Bromochloromethane

Concen: 125.342 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

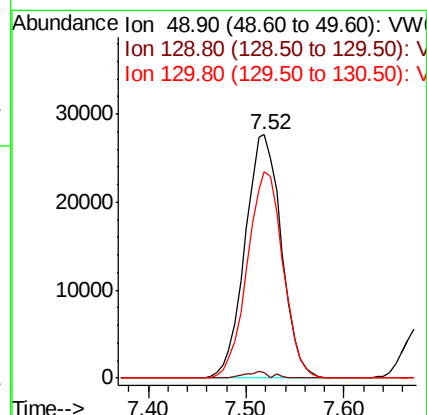
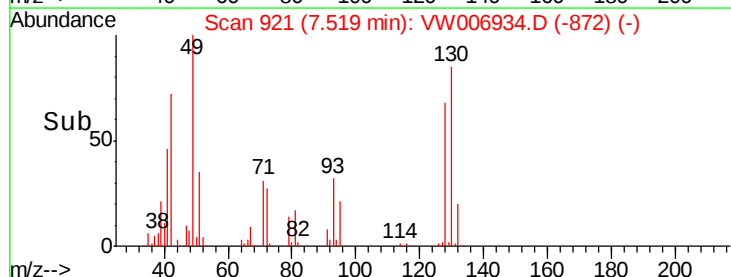
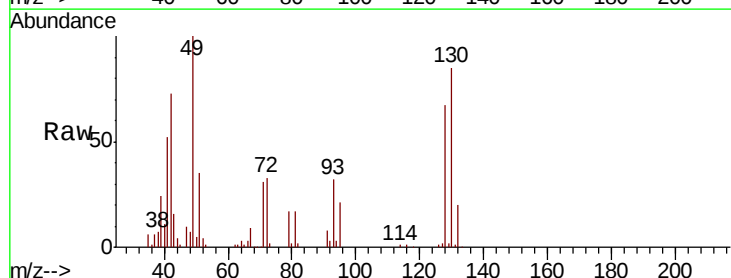
Tgt Ion: 49 Resp: 71112

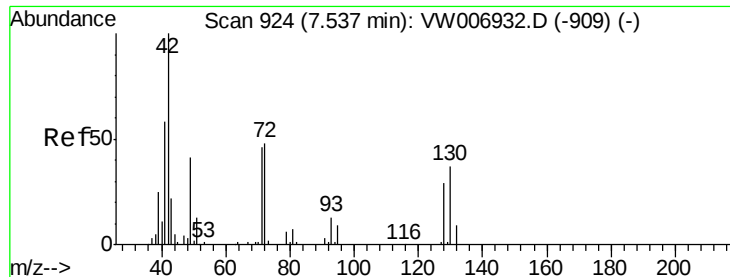
Ion Ratio Lower Upper

49 100

129 1.9 0.0 1.6#

130 83.3 66.1 99.1

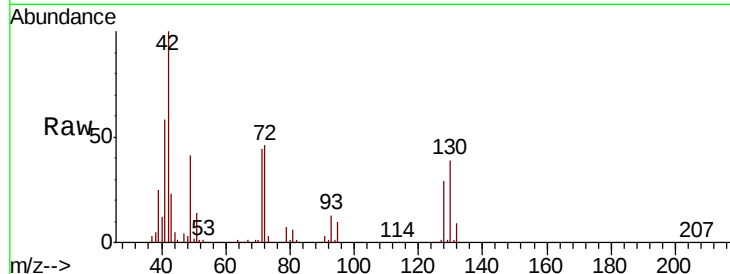




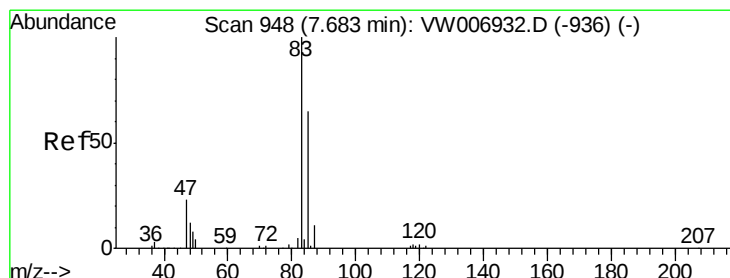
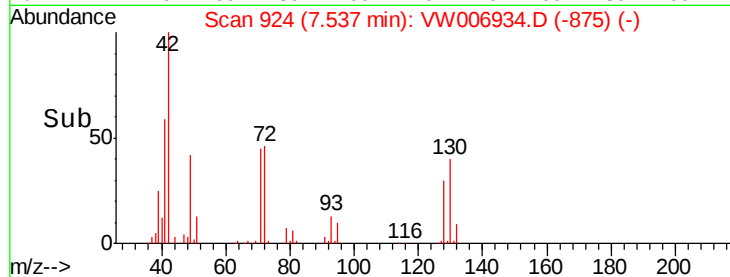
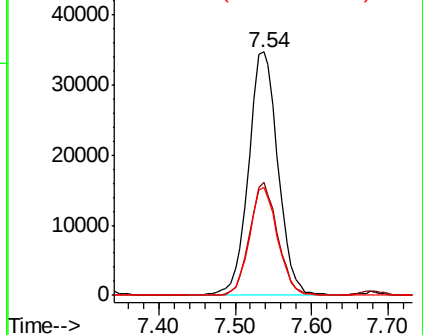
#29
Tetrahydrofuran
Concen: 676.239 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 93382
Ion Ratio Lower Upper
42 100
72 43.9 35.7 53.5
71 42.3 33.7 50.5

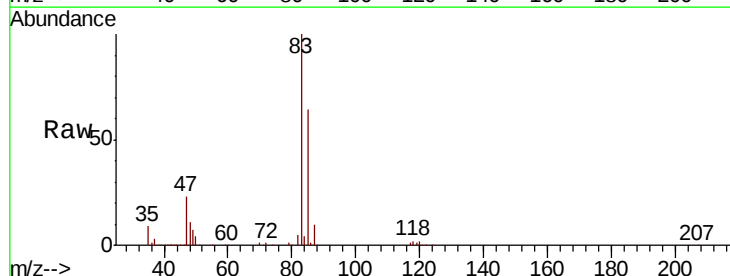


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

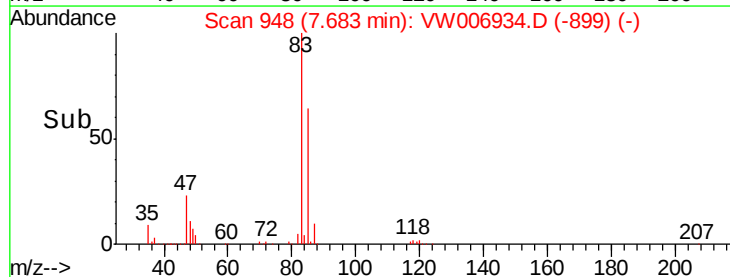
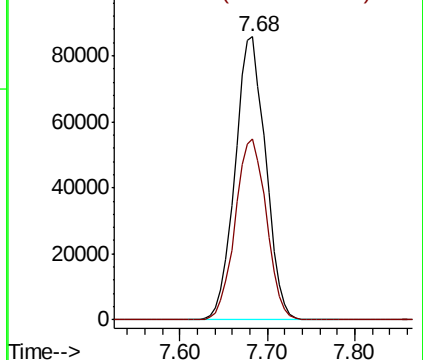


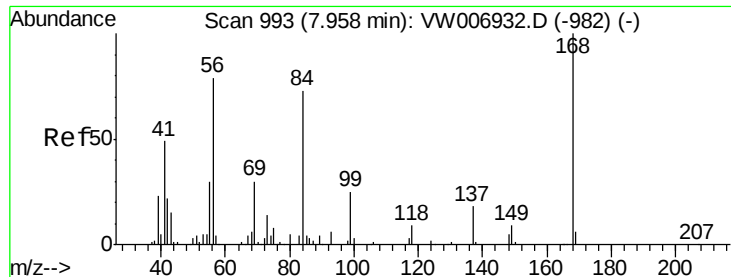
#30
Chloroform
Concen: 119.243 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 83 Resp: 208265
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.4



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

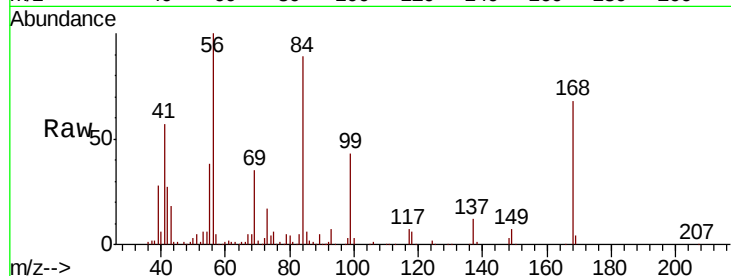




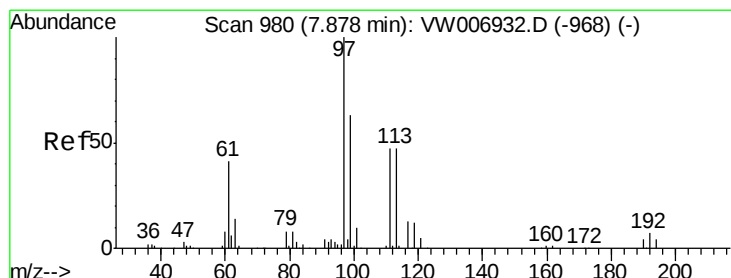
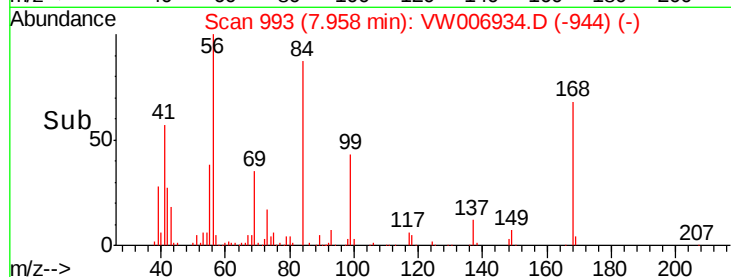
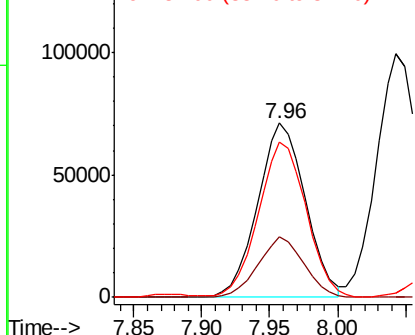
#31
Cyclohexane
Concen: 106.659 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 173933
Ion Ratio Lower Upper
56 100
69 35.0 30.2 45.2
84 87.7 73.6 110.4

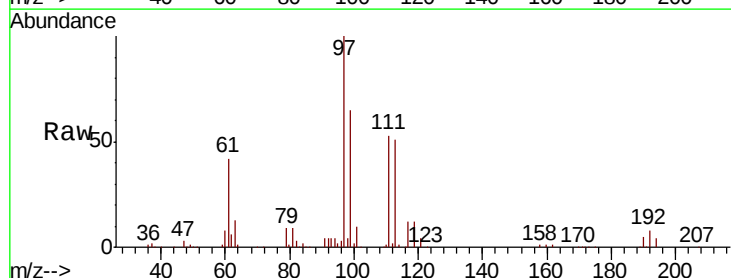


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

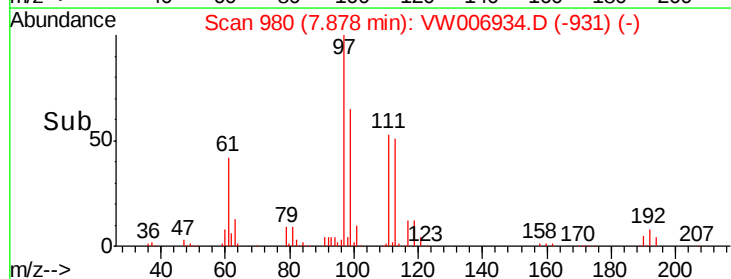
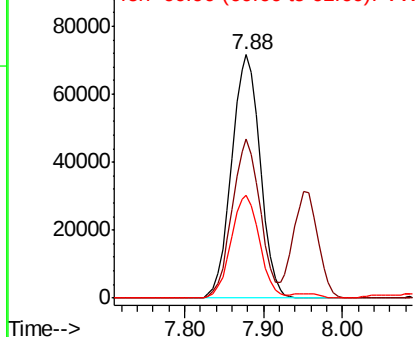


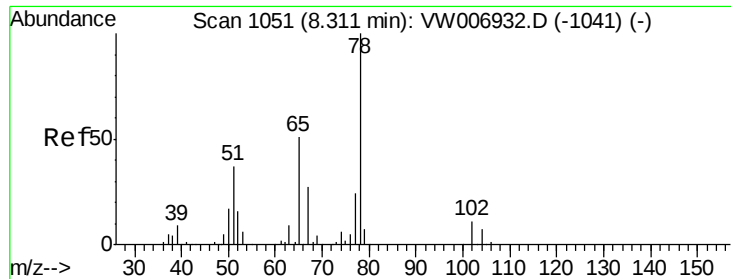
#32
1,1,1-Trichloroethane
Concen: 108.466 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 97 Resp: 179851
Ion Ratio Lower Upper
97 100
99 64.9 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

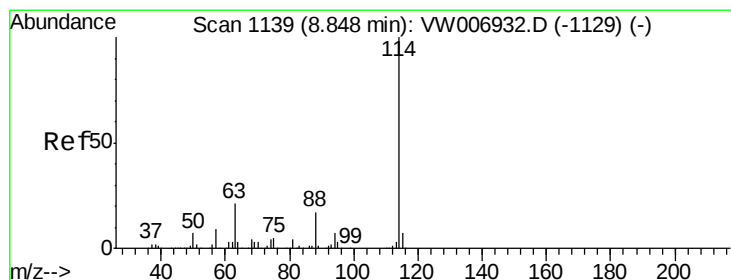
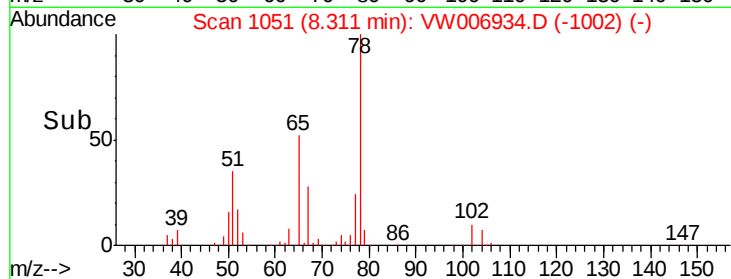
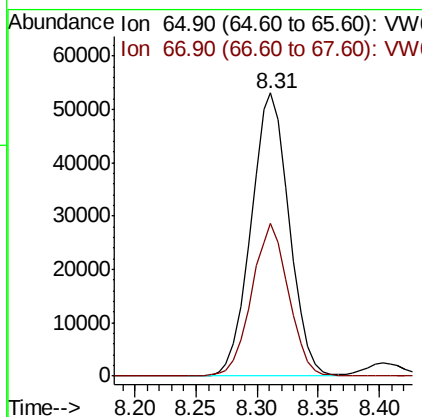
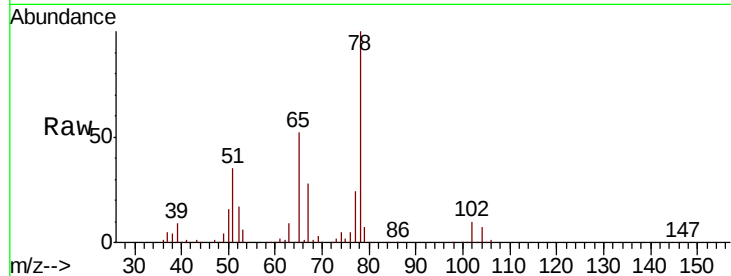




#33
 1,2-Dichloroethane-d4
 Concen: 128.970 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

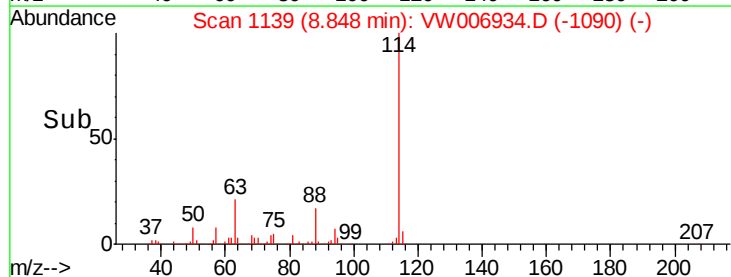
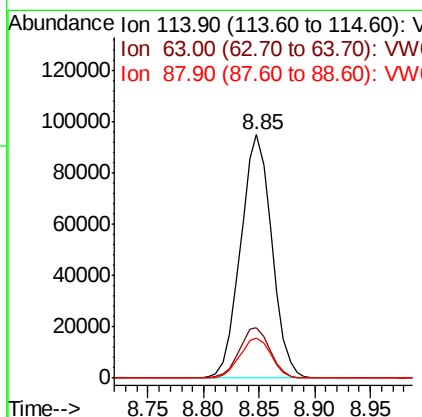
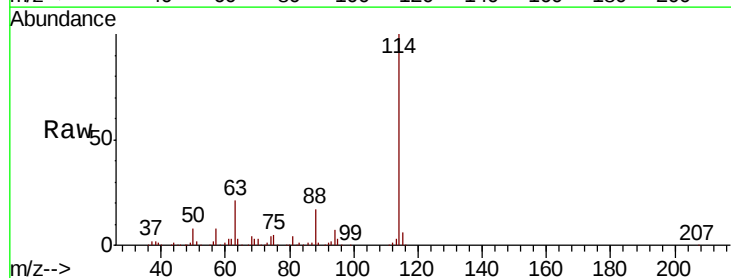
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

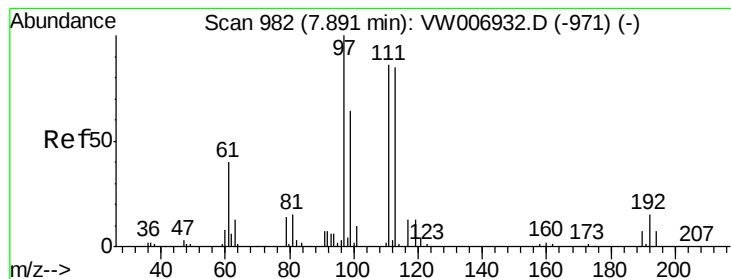
Tgt Ion: 65 Resp: 114784
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 114 Resp: 184983
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 96.458 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

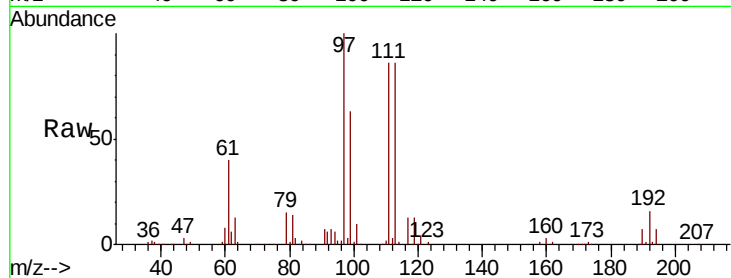
Tgt Ion: 113 Resp: 107611

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

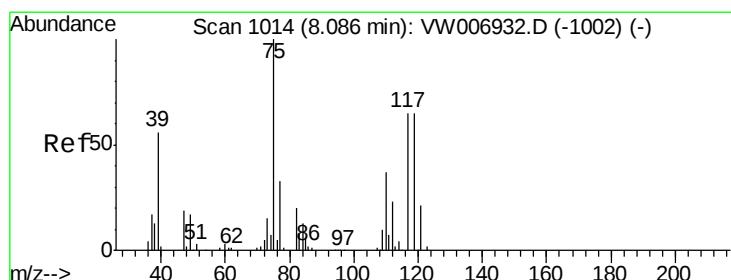
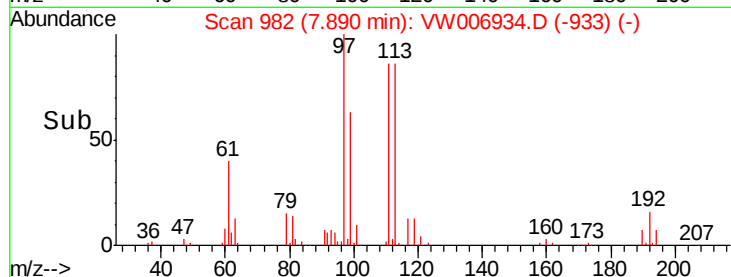
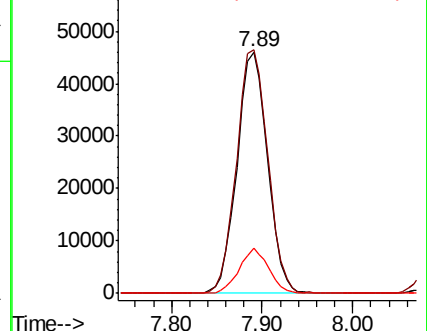
192 17.9 13.9 20.9



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: 91.990 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

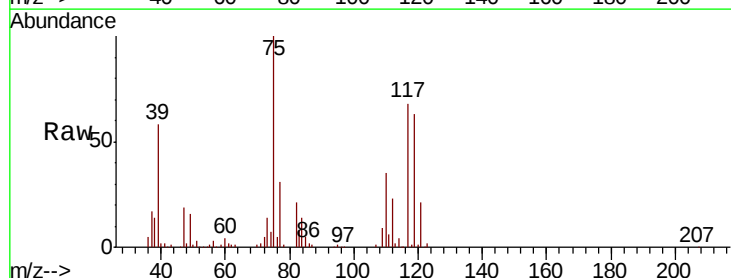
Tgt Ion: 75 Resp: 159430

Ion Ratio Lower Upper

75 100

110 35.3 18.1 54.1

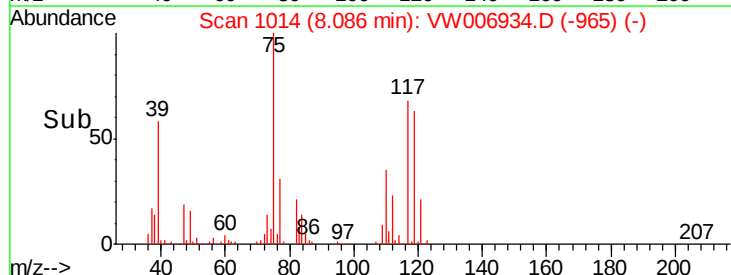
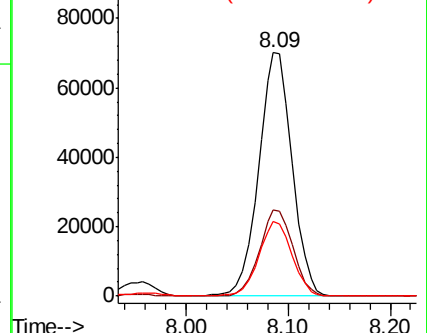
77 30.7 25.4 38.0

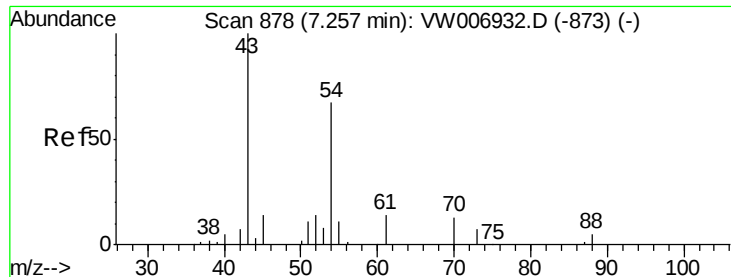


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

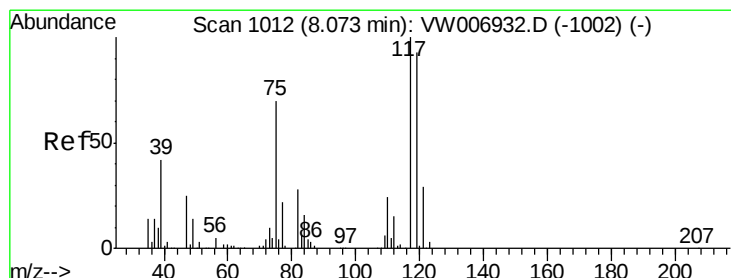
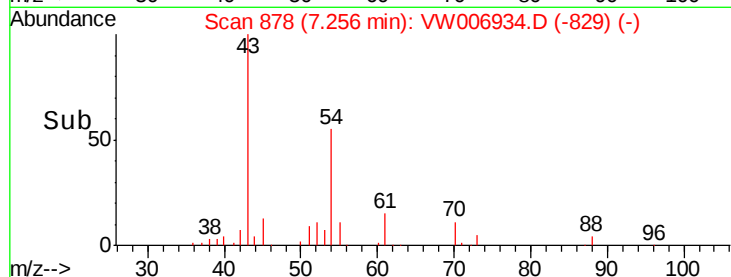
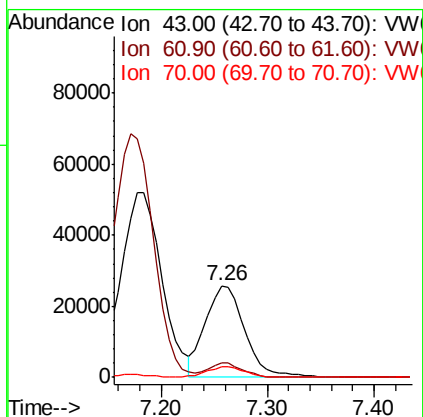
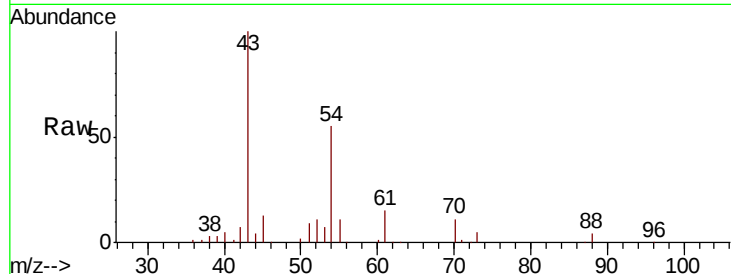




#37
Ethyl Acetate
Concen: 109.908 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

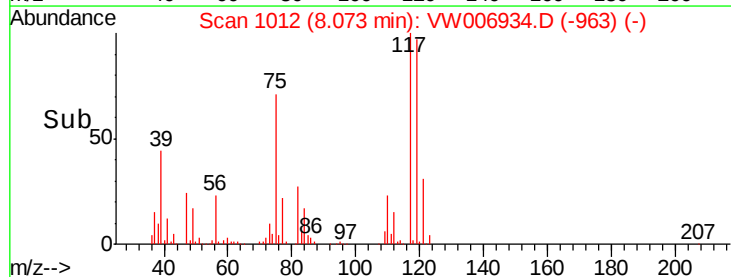
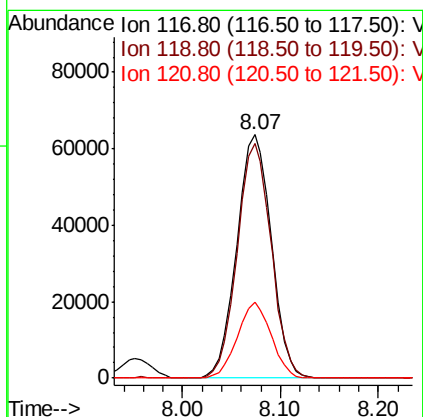
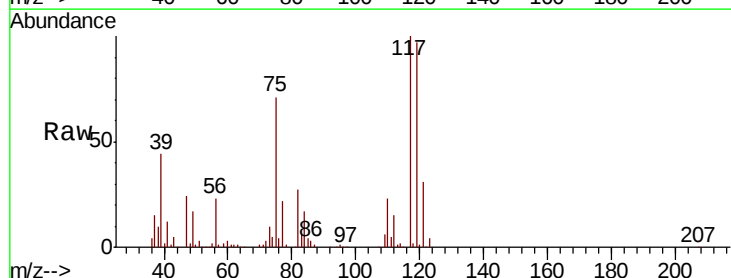
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

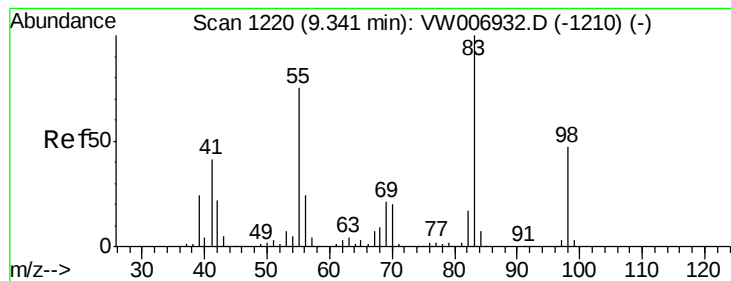
Tgt Ion: 43 Resp: 65065
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 11.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 84.048 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 117 Resp: 155644
Ion Ratio Lower Upper
117 100
119 96.6 74.2 111.4
121 31.4 23.5 35.3





#39

Methylcyclohexane

Concen: 89.974 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

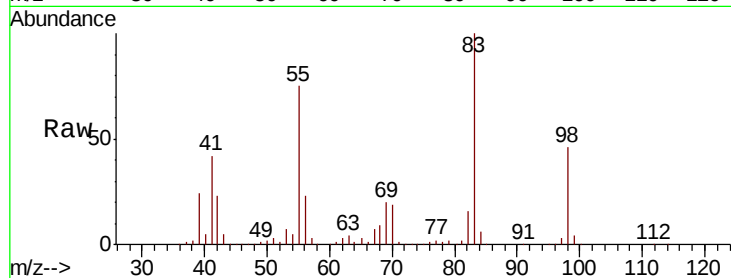
Tgt Ion: 83 Resp: 199938

Ion Ratio Lower Upper

83 100

55 75.1 60.2 90.4

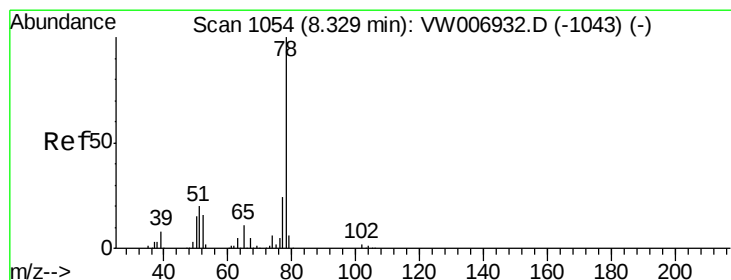
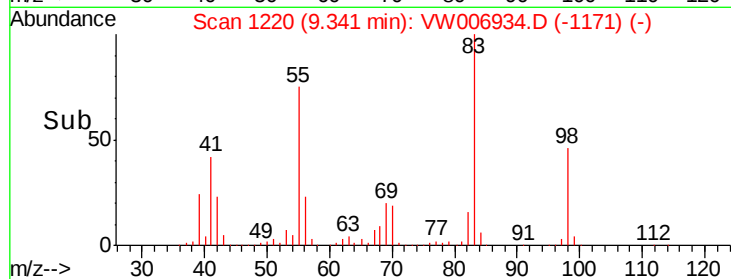
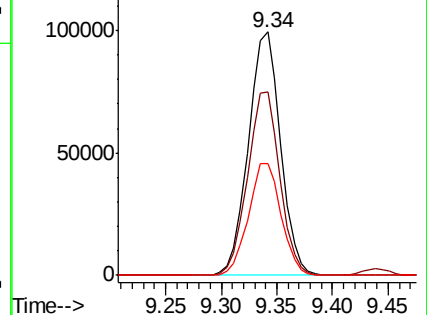
98 46.0 37.3 55.9



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 96.693 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW006934.D

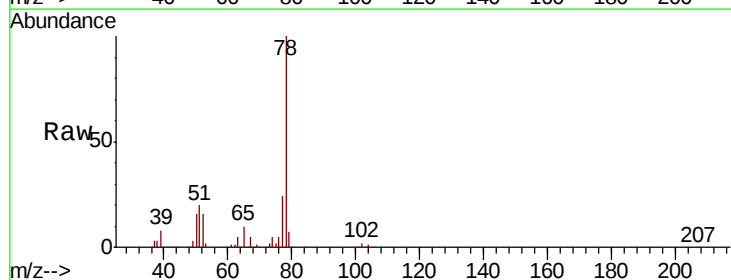
Acq: 17 Nov 2018 01:00

Tgt Ion: 78 Resp: 468167

Ion Ratio Lower Upper

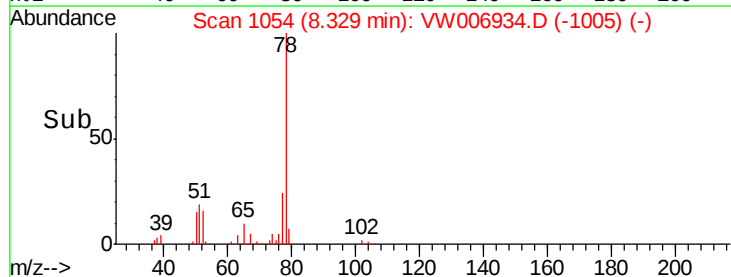
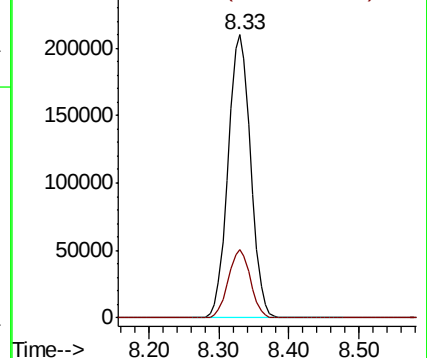
78 100

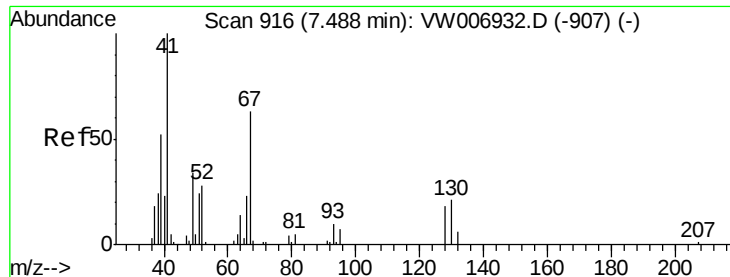
77 24.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

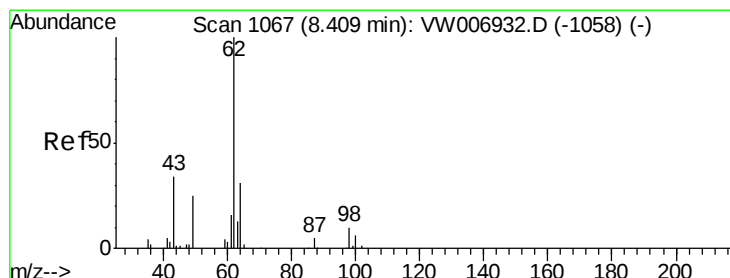
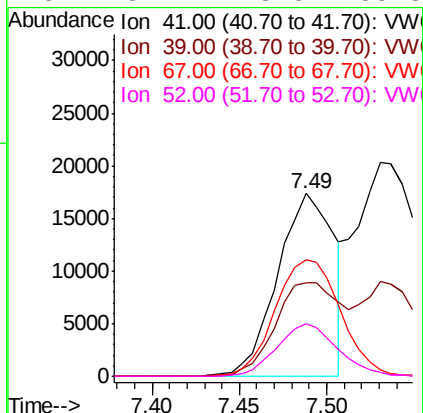
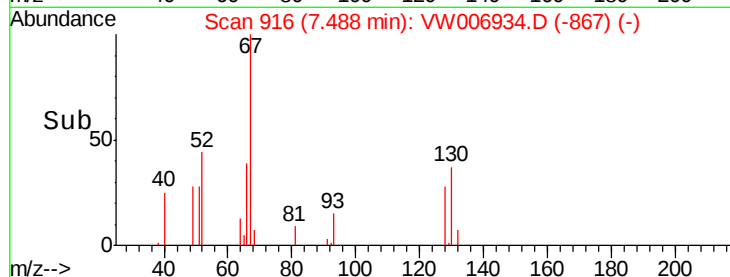
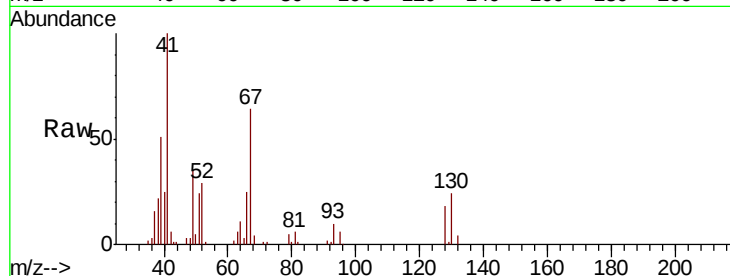




#41
Methacrylonitrile
Concen: 106.165 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

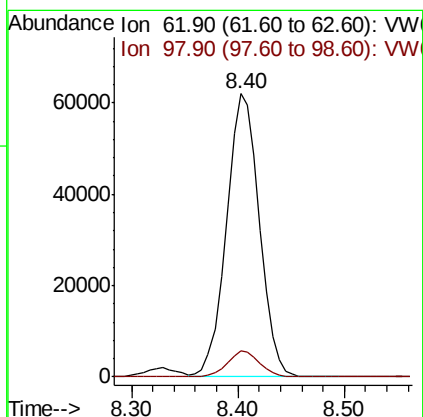
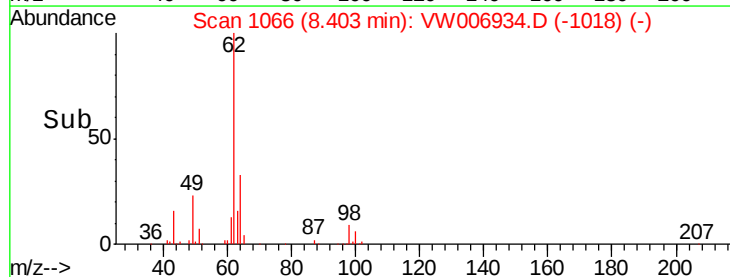
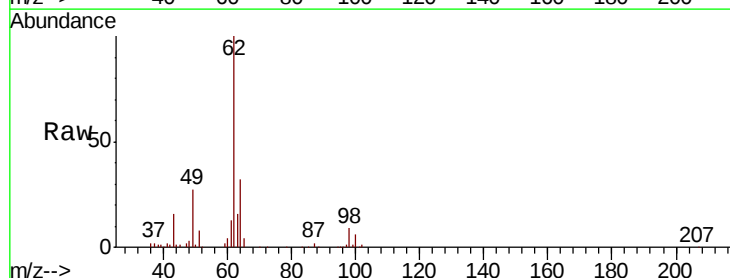
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

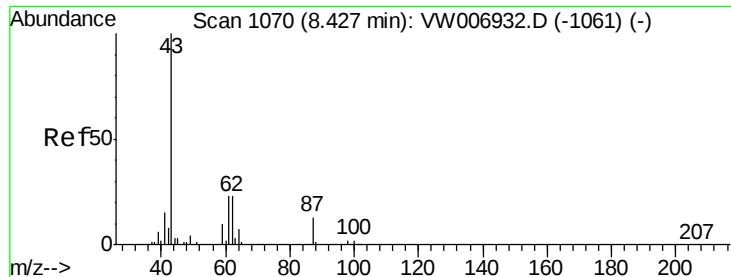
Tgt Ion:	41	Resp:	38775
Ion	Ratio	Lower	Upper
41	100		
39	60.8	41.8	62.6
67	74.6	54.7	82.1
52	31.2	23.8	35.8



#42
1,2-Dichloroethane
Concen: 101.812 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion:	62	Resp:	134121
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 116.856 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

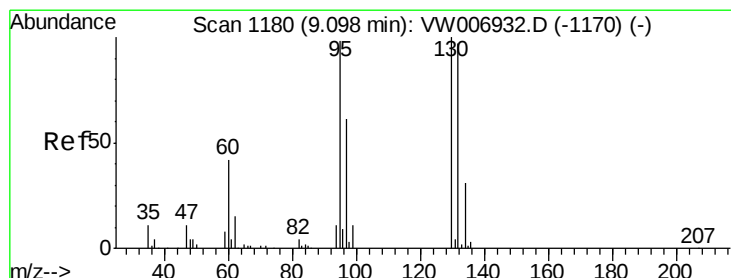
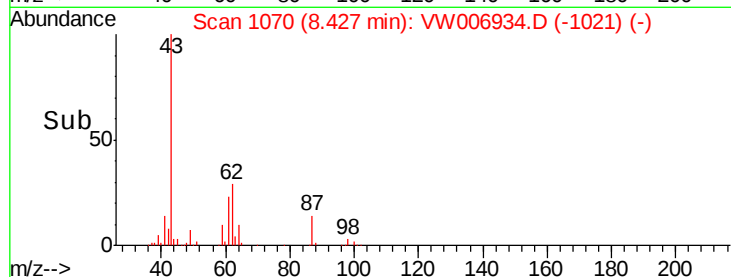
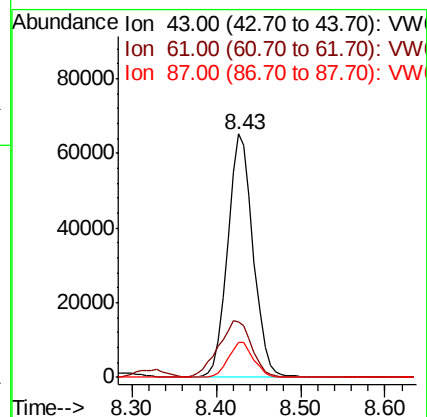
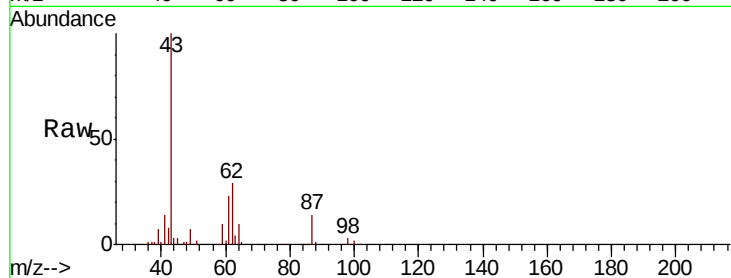
Tgt Ion: 43 Resp: 134744

Ion Ratio Lower Upper

43 100

61 30.2 24.6 37.0

87 14.1 11.0 16.6



#44

Trichloroethene

Concen: 83.460 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006934.D

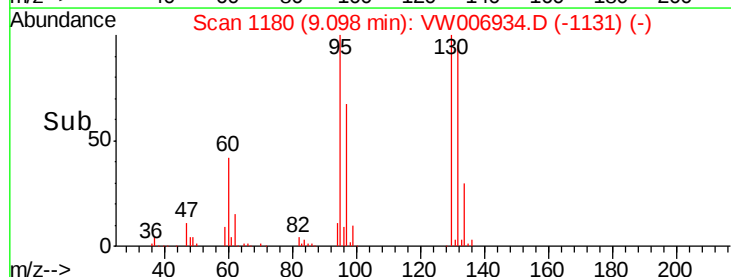
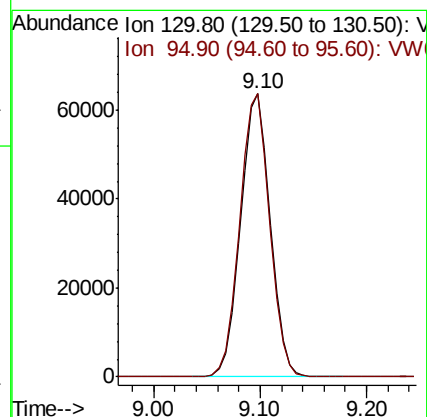
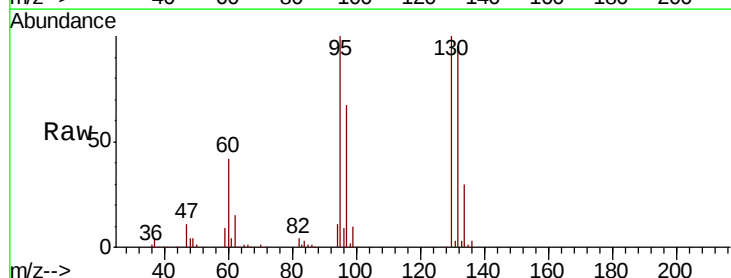
Acq: 17 Nov 2018 01:00

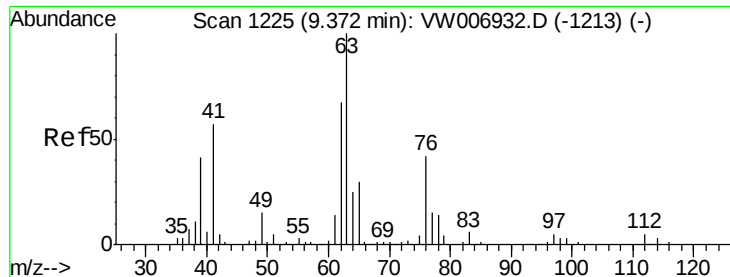
Tgt Ion: 130 Resp: 124492

Ion Ratio Lower Upper

130 100

95 100.1 0.0 196.4





#45

1,2-Dichloropropane

Concen: 100.881 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

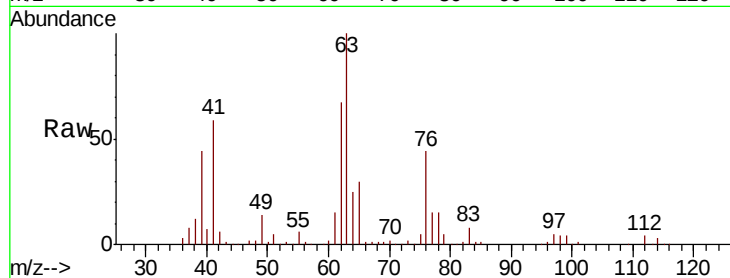
VSTDIC100

Tgt Ion: 63 Resp: 115165

Ion Ratio Lower Upper

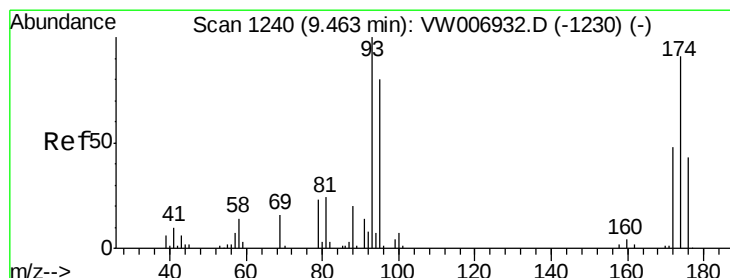
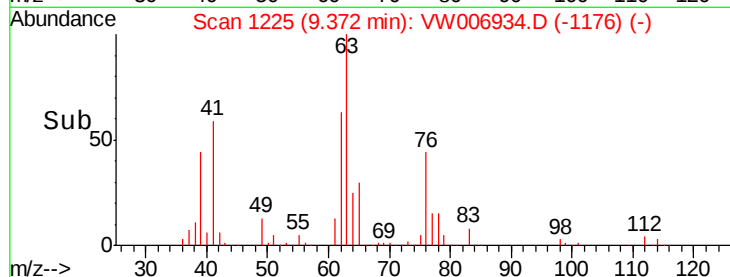
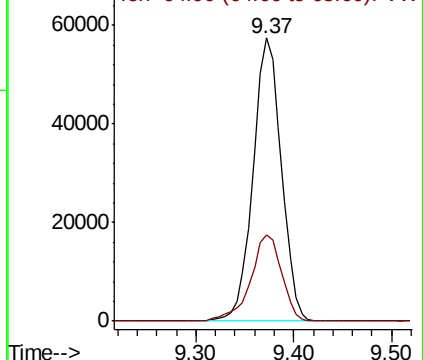
63 100

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: 92.740 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

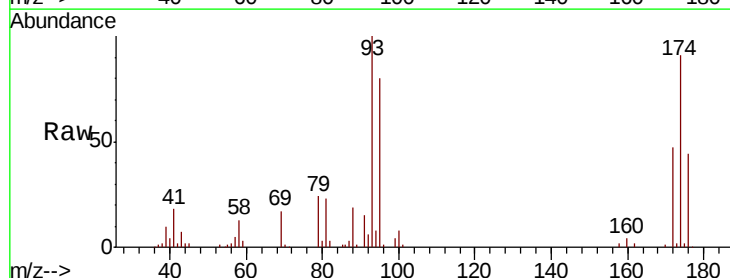
Tgt Ion: 93 Resp: 58057

Ion Ratio Lower Upper

93 100

95 83.3 65.7 98.5

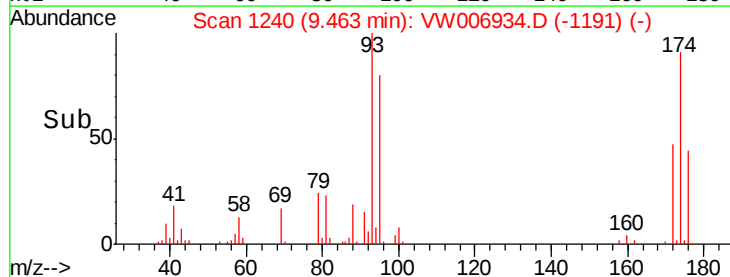
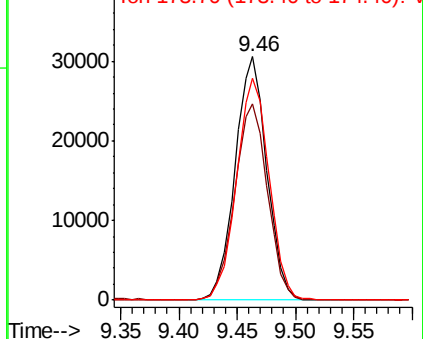
174 93.5 75.0 112.4

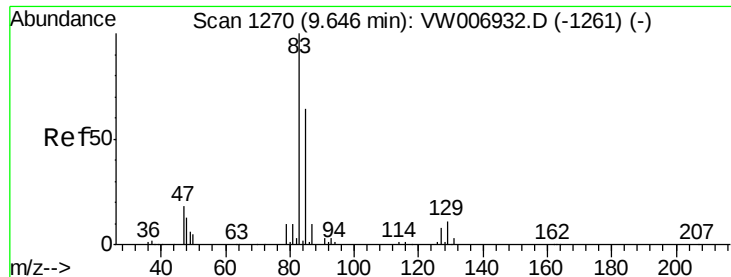


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

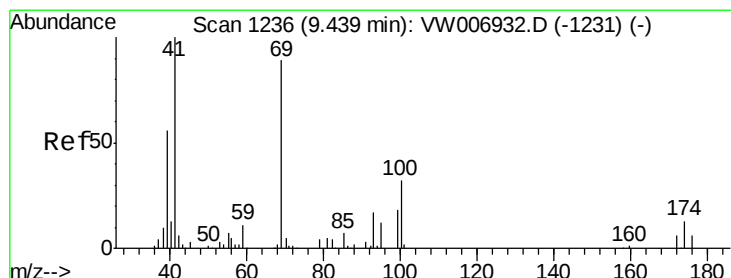
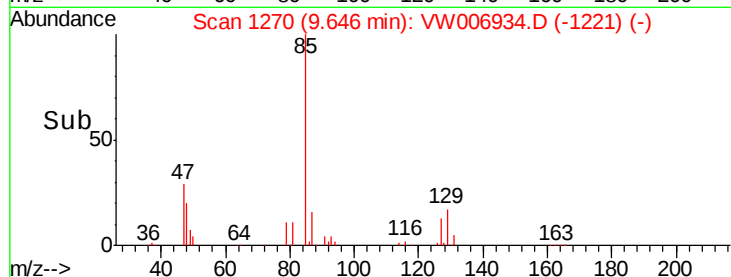
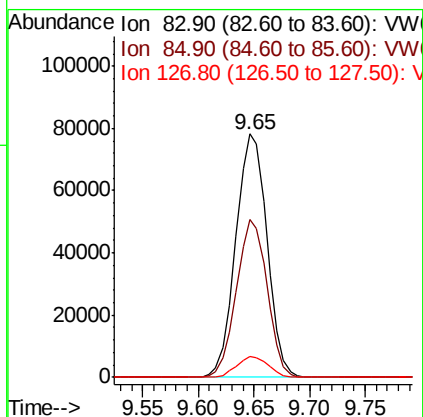
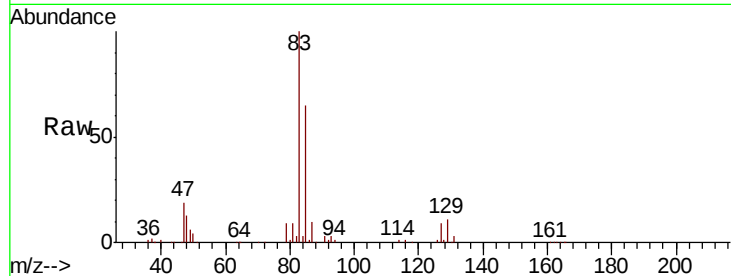




#47
 Bromodichloromethane
 Concen: 97.143 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

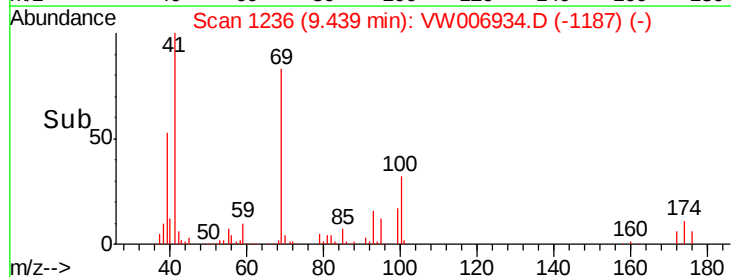
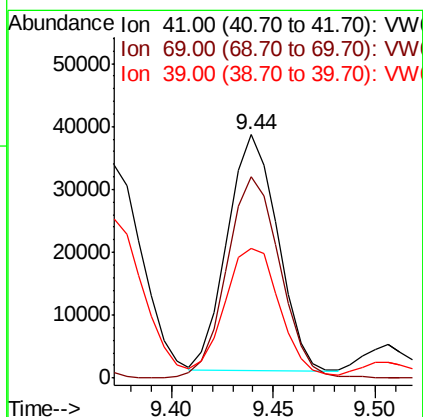
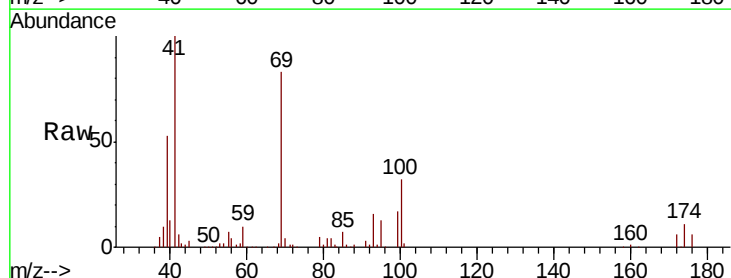
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

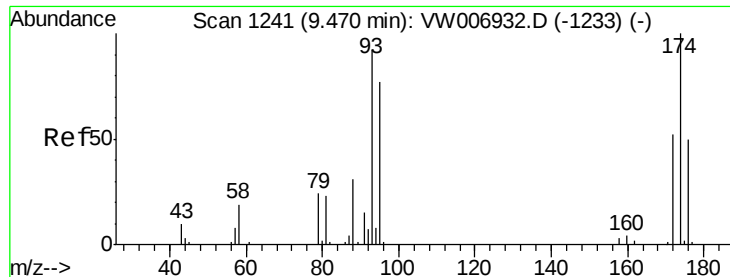
Tgt Ion: 83 Resp: 152051
 Ion Ratio Lower Upper
 83 100
 85 65.1 50.8 76.2
 127 8.6 6.6 10.0



#48
 Methyl methacrylate
 Concen: 115.076 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 41 Resp: 64550
 Ion Ratio Lower Upper
 41 100
 69 90.1 73.4 110.0
 39 60.9 46.1 69.1

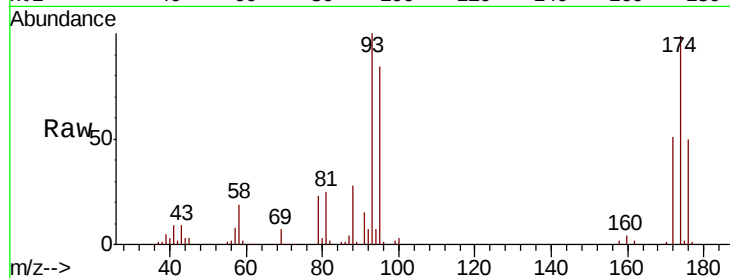




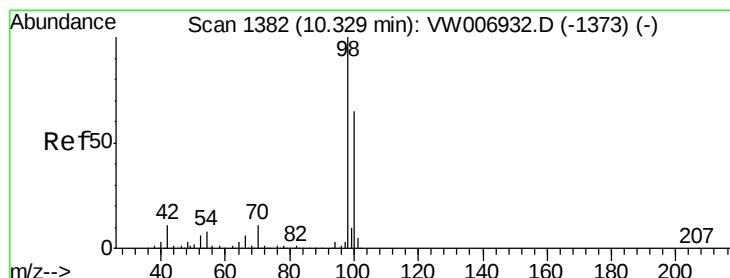
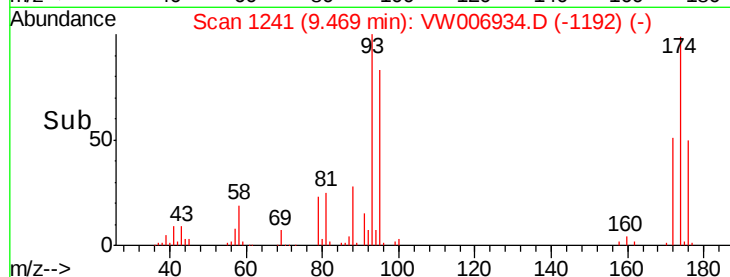
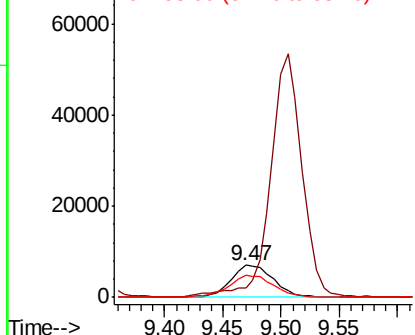
#49
1,4-Dioxane
Concen: 1874.547 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 17805
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.2 57.4 86.2

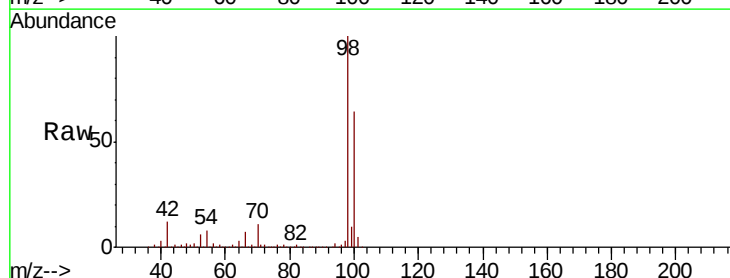


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

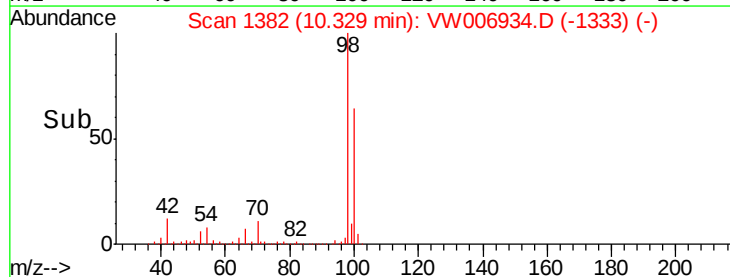
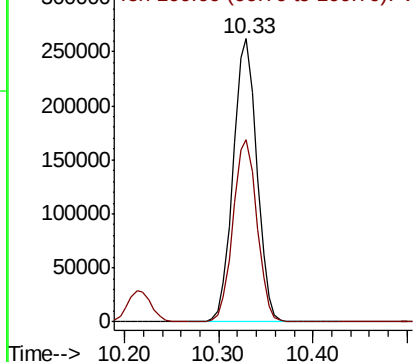


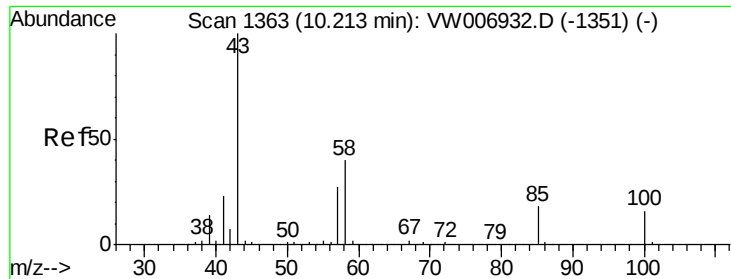
#50
Toluene-d8
Concen: 98.191 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 98 Resp: 456660
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



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

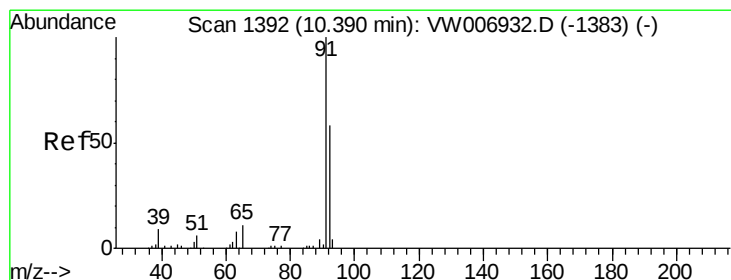
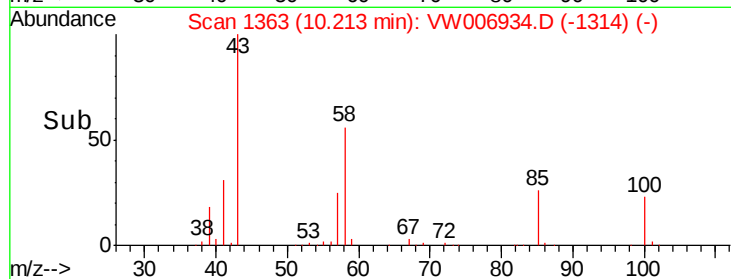
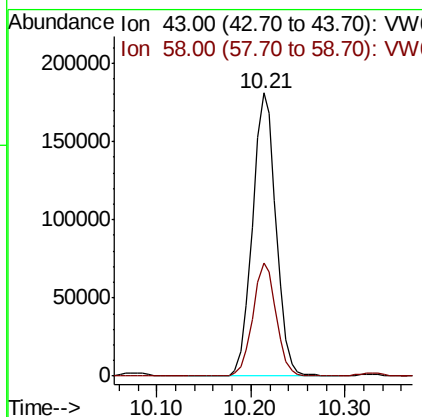
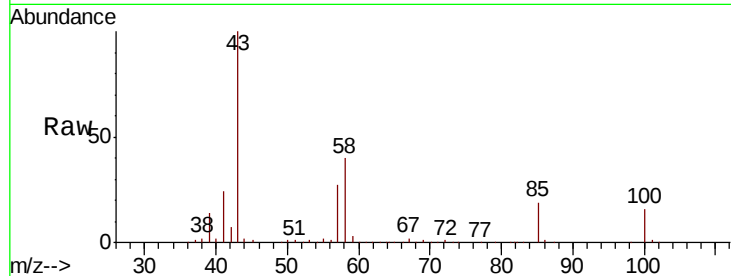




#51
 4-Methyl-2-Pentanone
 Concen: 553.118 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

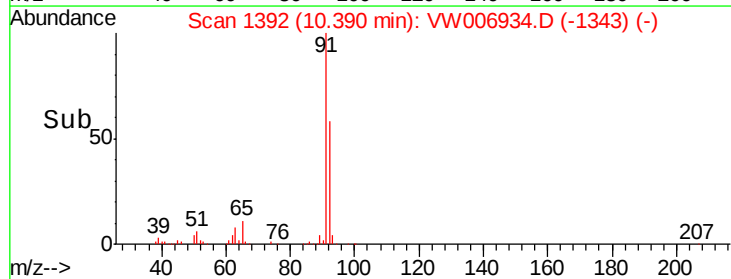
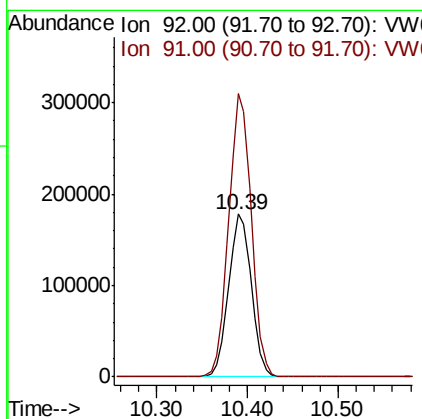
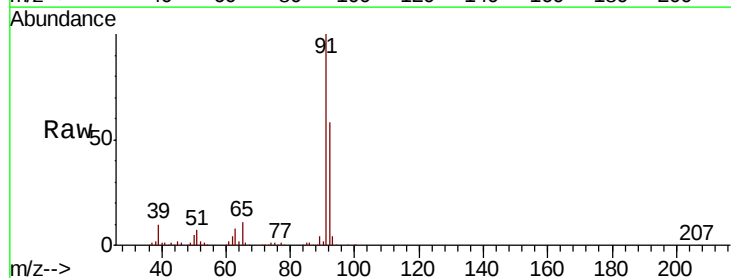
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

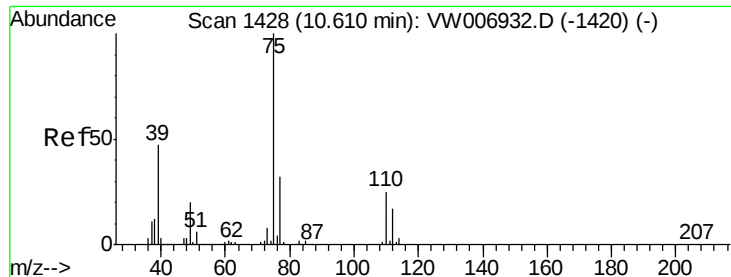
Tgt Ion: 43 Resp: 318663
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.0 46.4



#52
 Toluene
 Concen: 91.158 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 92 Resp: 309686
 Ion Ratio Lower Upper
 92 100
 91 172.8 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 104.148 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampled :

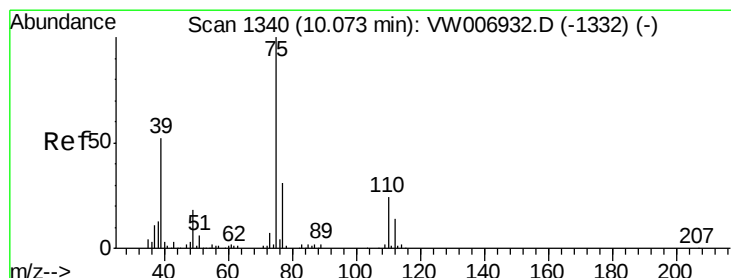
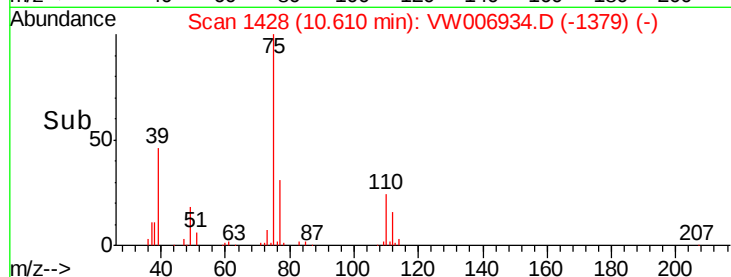
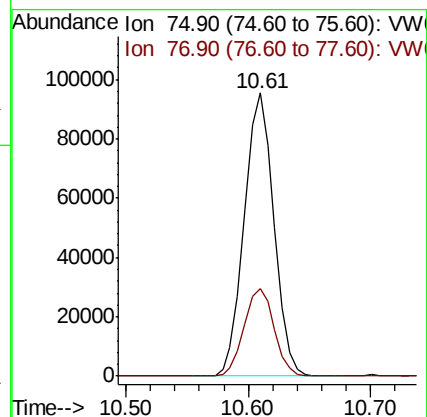
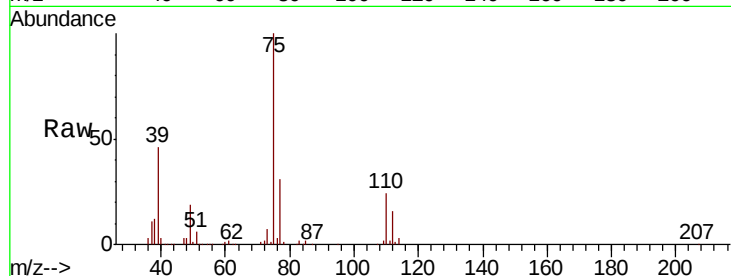
VSTDICC100

Tgt Ion: 75 Resp: 160546

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 101.158 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

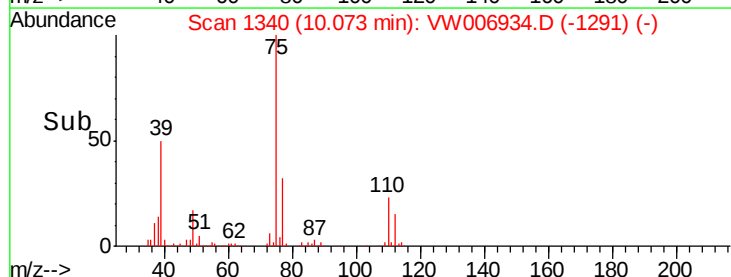
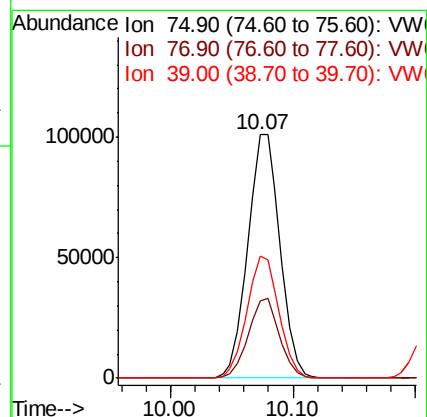
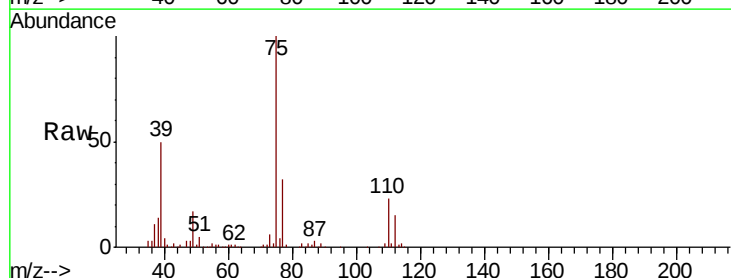
Tgt Ion: 75 Resp: 185049

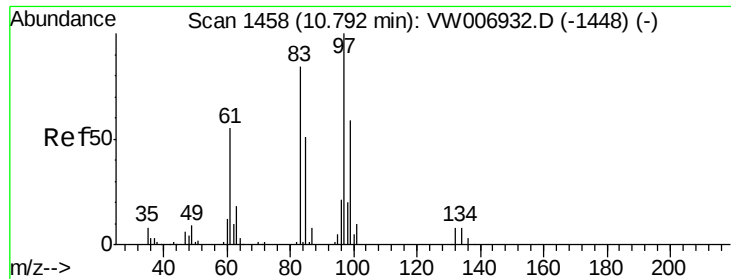
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 50.2 41.4 62.2

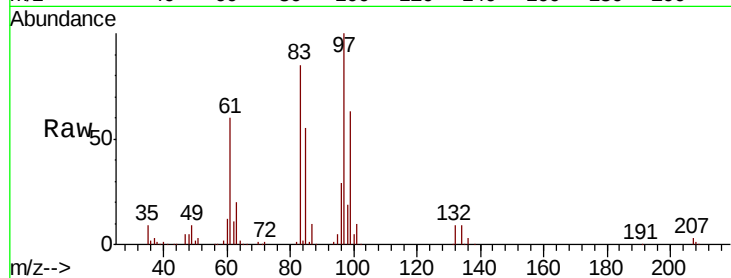




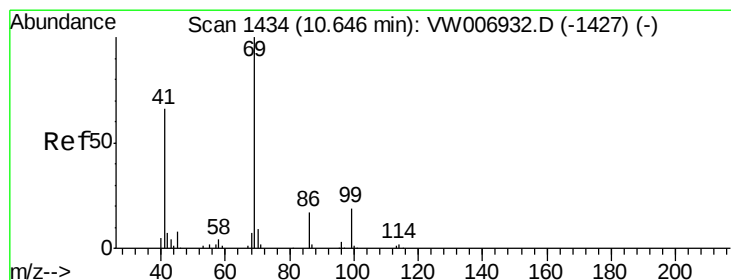
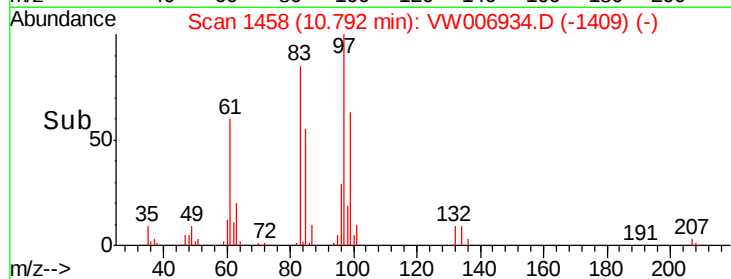
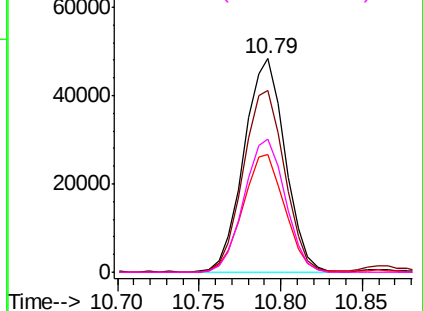
#55
 1,1,2-Trichloroethane
 Concen: 92.036 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	85525
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.5	101.3
85	55.3	41.0	61.6
99	62.6	47.4	71.2

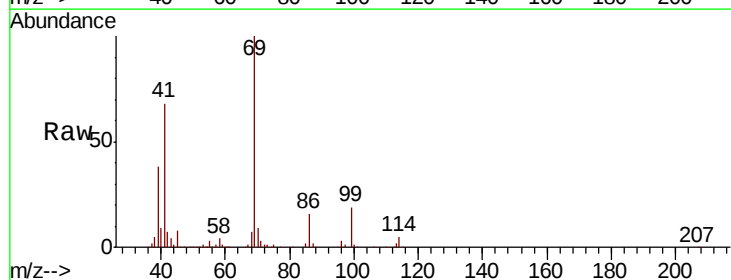


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

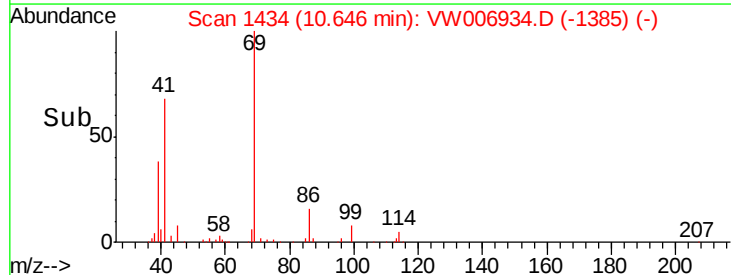
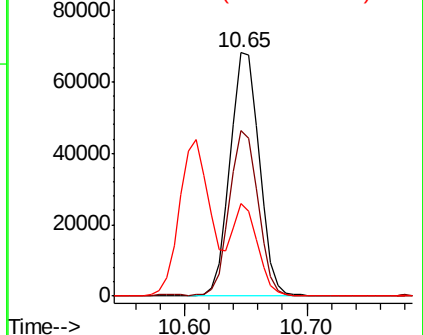


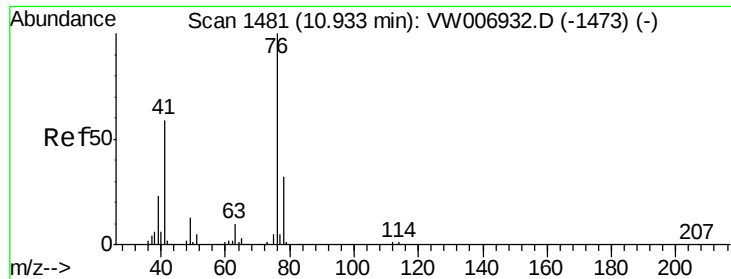
#56
 Ethyl methacrylate
 Concen: 108.701 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion:	69	Resp:	112797
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.8	80.6
39	31.3	29.0	43.6



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

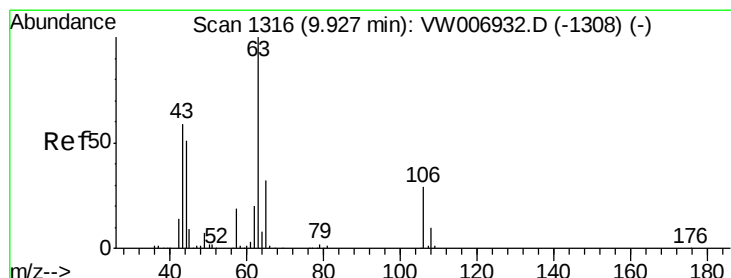
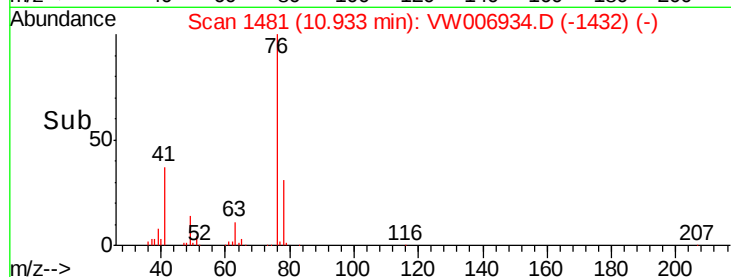
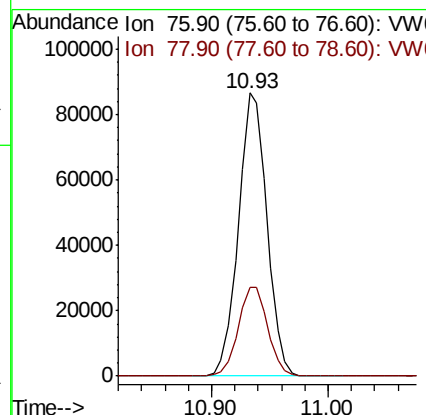
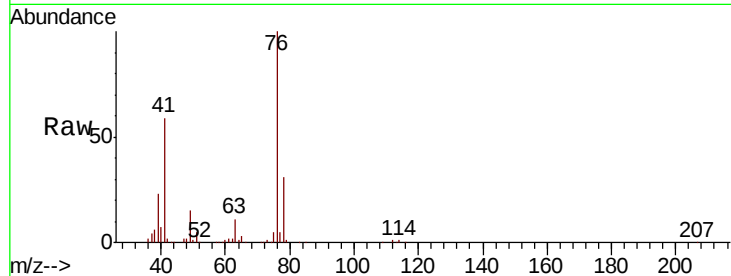




#57
 1,3-Dichloropropane
 Concen: 99.304 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

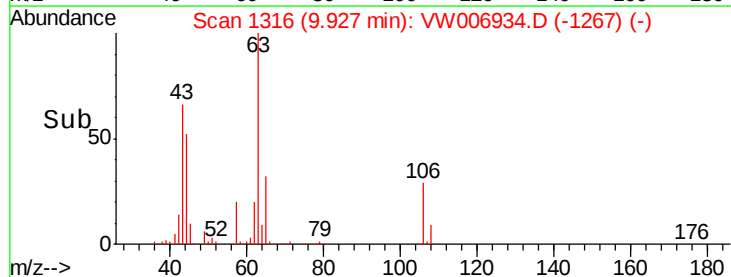
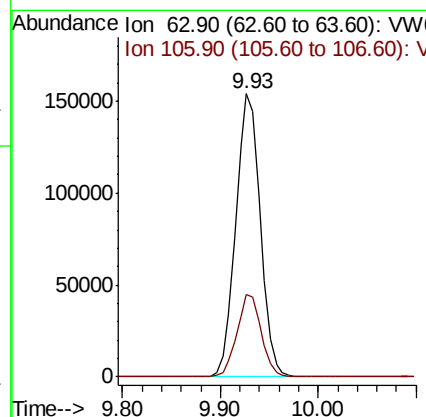
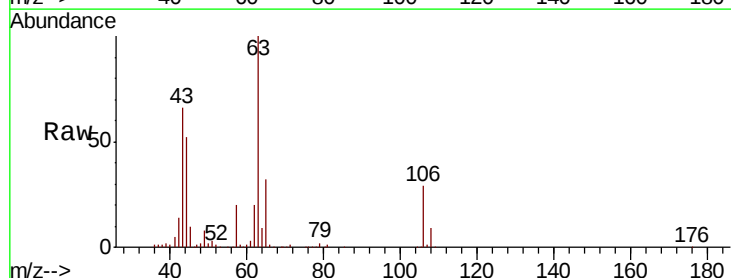
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

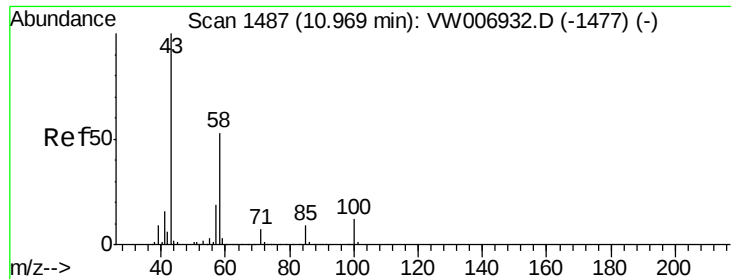
Tgt Ion: 76 Resp: 147658
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 522.493 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 63 Resp: 267095
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.6 33.8

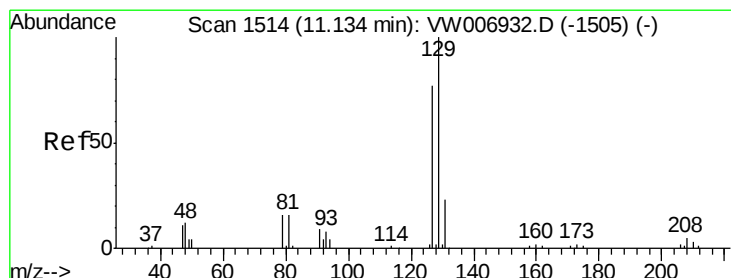
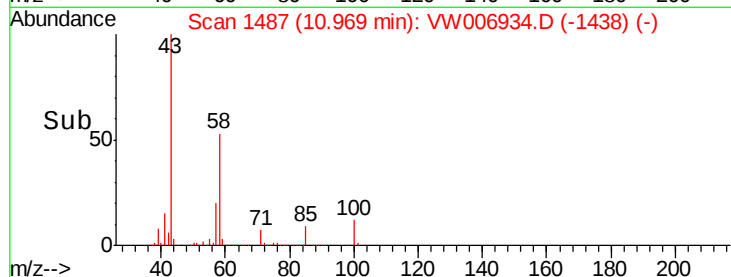
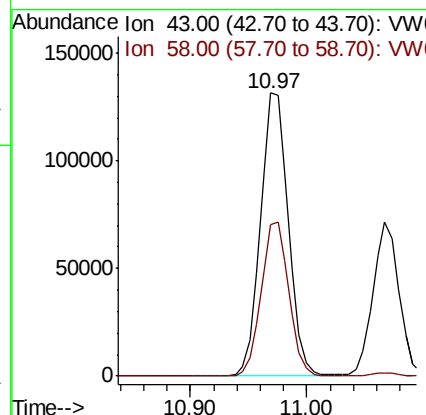
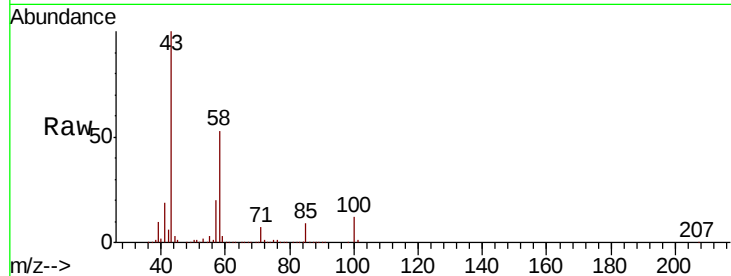




#59
2-Hexanone
Concen: 556.345 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

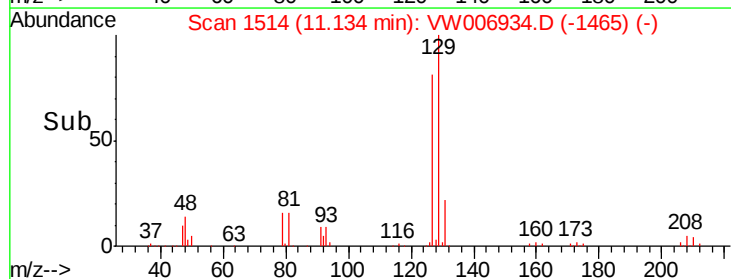
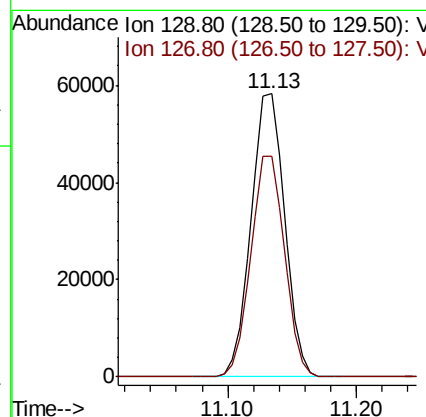
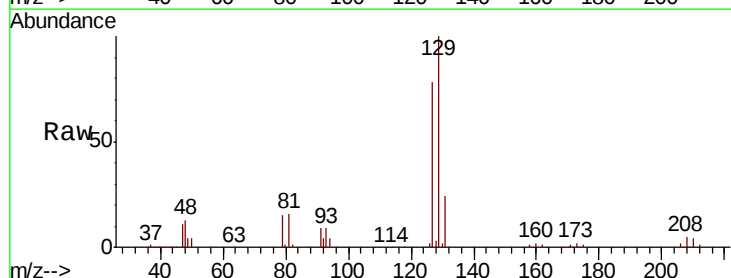
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

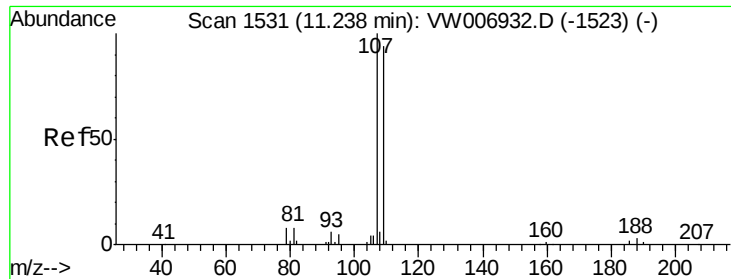
Tgt Ion: 43 Resp: 219850
Ion Ratio Lower Upper
43 100
58 54.1 26.8 80.4



#60
Dibromochloromethane
Concen: 93.444 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 129 Resp: 105039
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.3

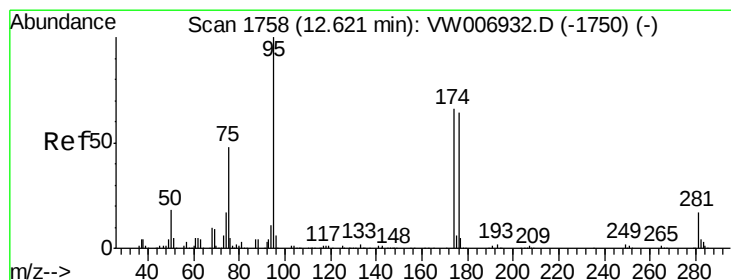
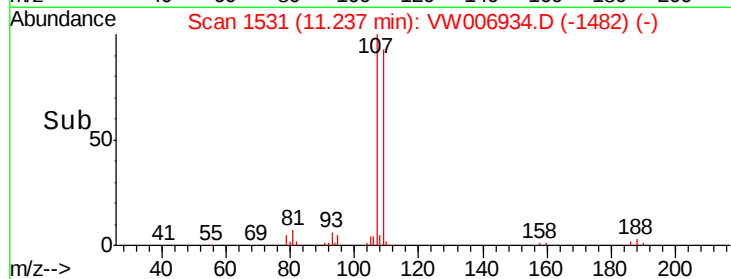
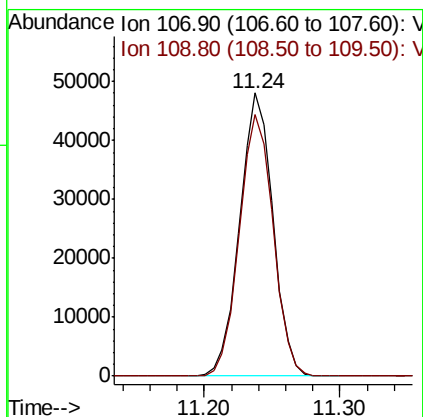
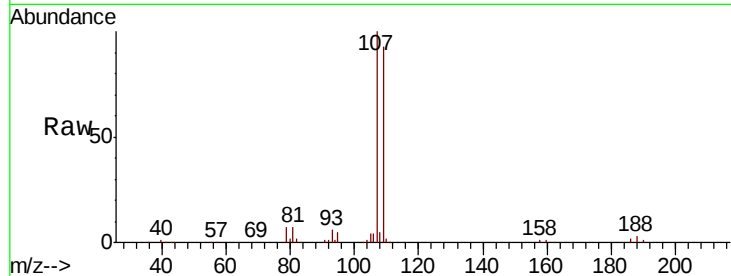




#61
 1,2-Dibromoethane
 Concen: 93.287 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

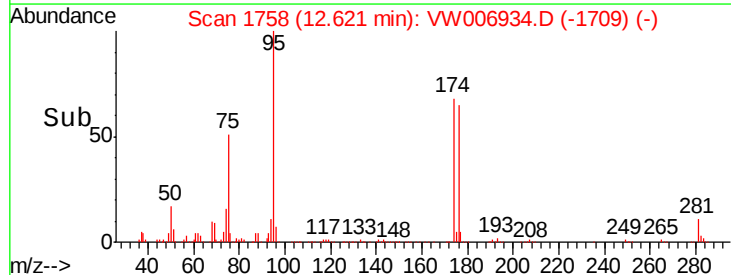
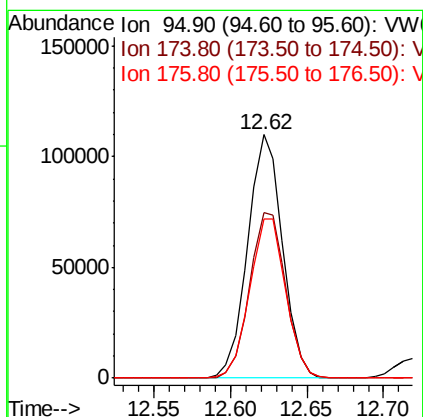
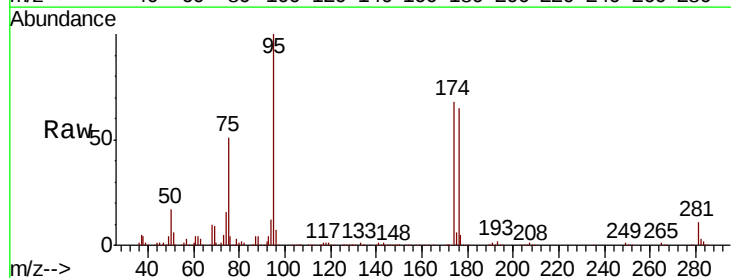
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

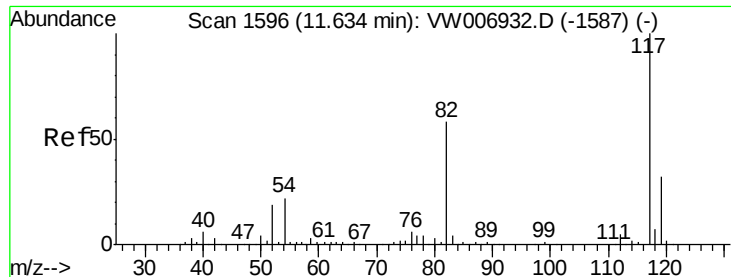
Tgt Ion: 107 Resp: 81945
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 100.378 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 95 Resp: 173635
 Ion Ratio Lower Upper
 95 100
 174 70.5 0.0 138.4
 176 68.3 0.0 133.4

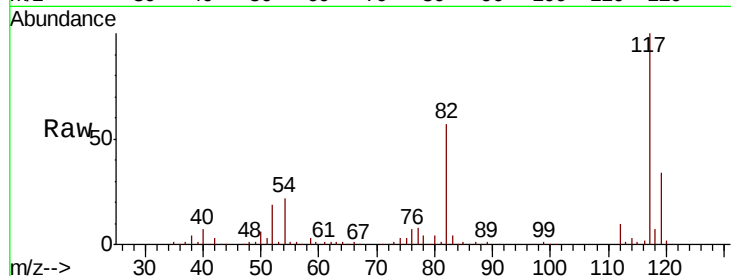




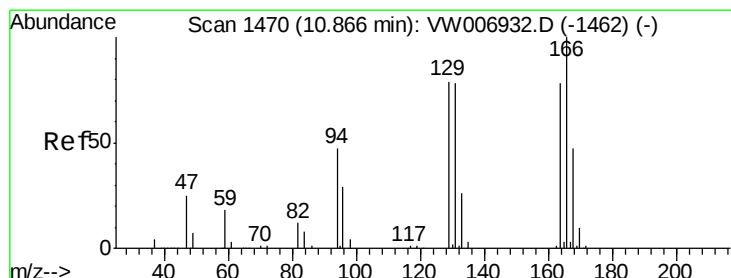
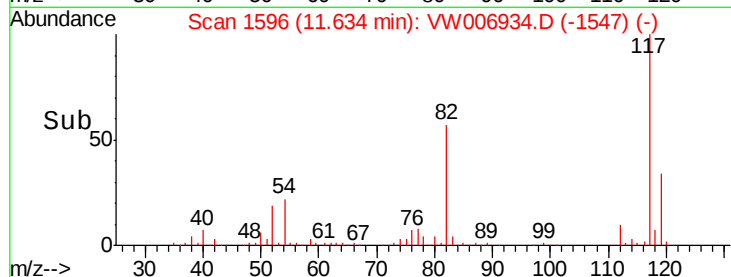
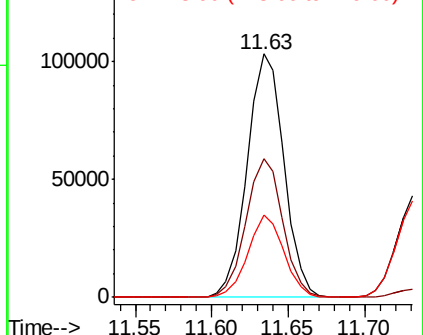
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 172638
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.2
119 33.6 25.5 38.3



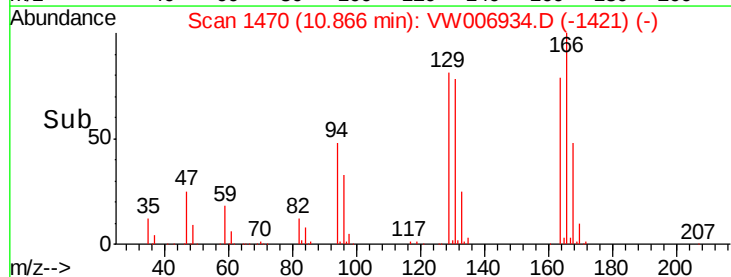
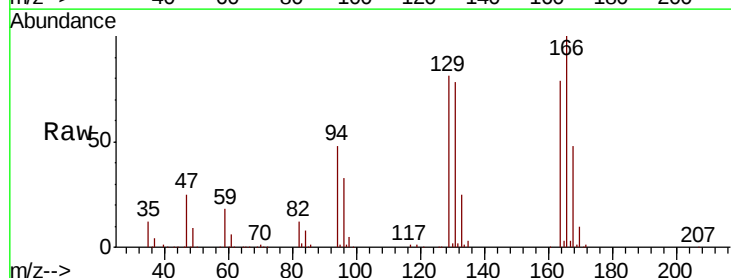
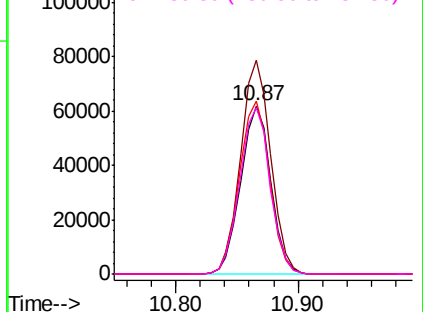
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

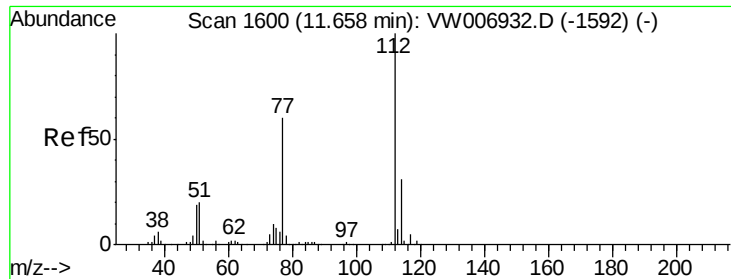


#64
Tetrachloroethene
Concen: 79.186 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion:164 Resp: 105705
Ion Ratio Lower Upper
164 100
166 127.0 102.6 154.0
129 103.1 81.0 121.4
131 99.1 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

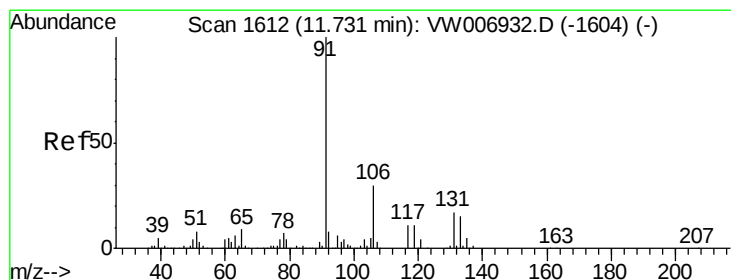
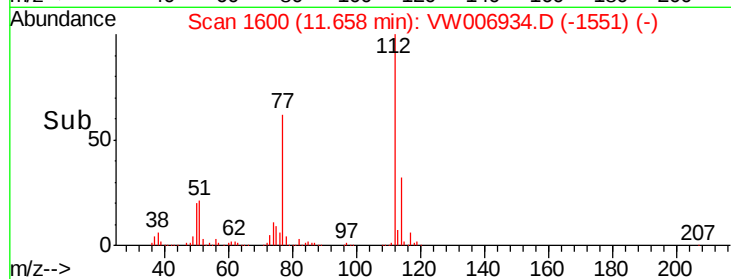
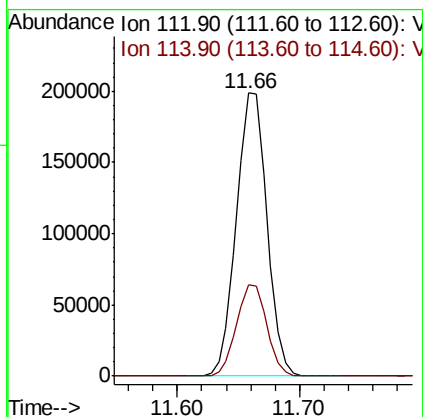
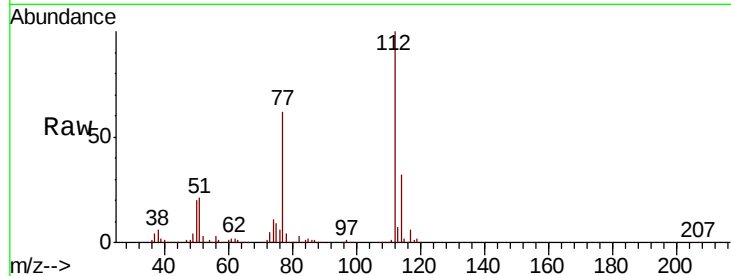




#65
Chlorobenzene
Concen: 90.461 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

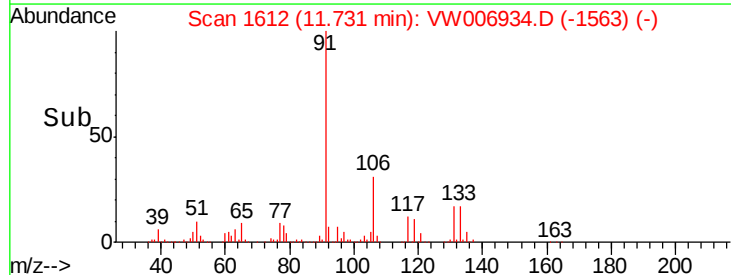
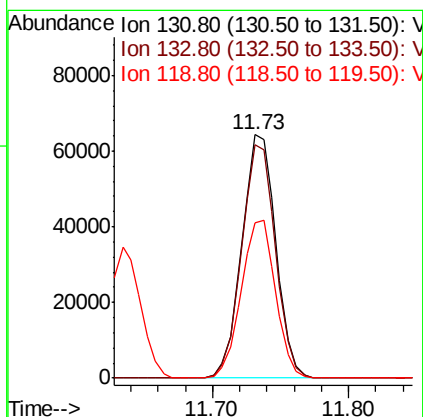
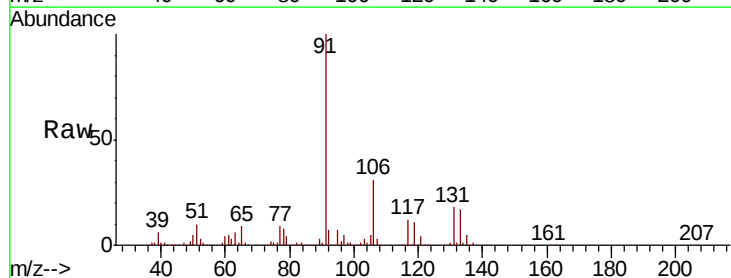
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

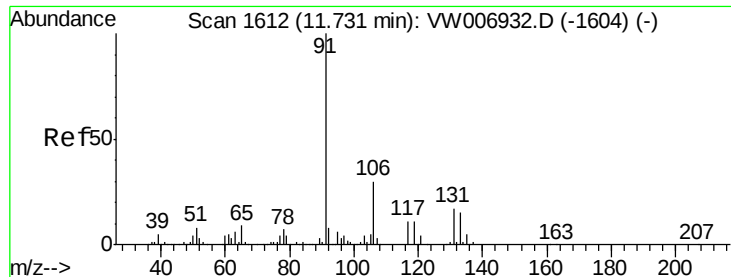
Tgt Ion:112 Resp: 343874
Ion Ratio Lower Upper
112 100
114 32.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 91.267 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion:131 Resp: 112267
Ion Ratio Lower Upper
131 100
133 95.6 47.2 141.6
119 65.3 32.5 97.4

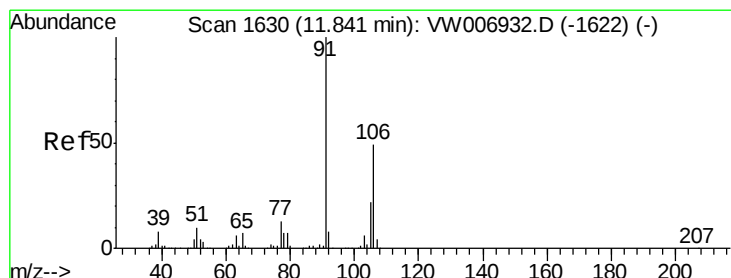
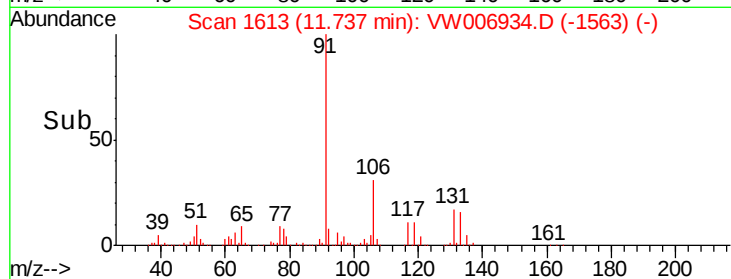
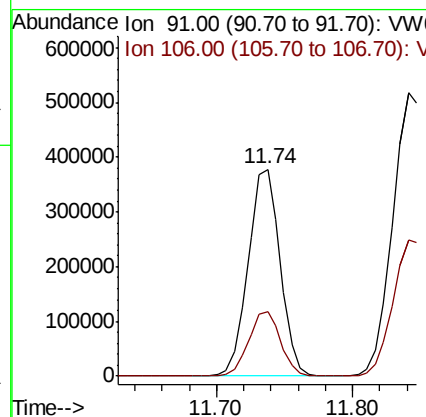
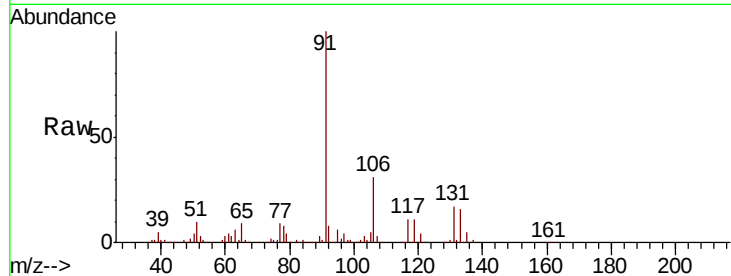




#67
Ethyl Benzene
Concen: 95.453 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

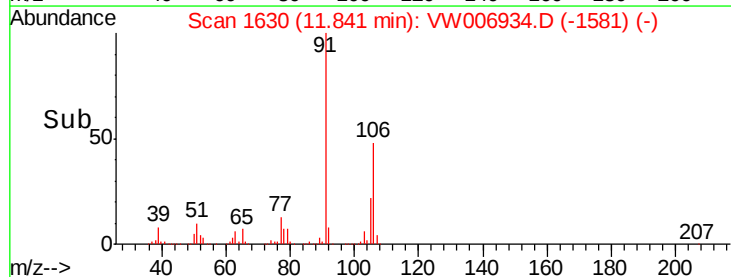
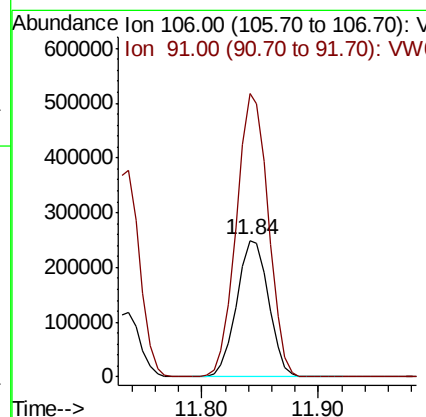
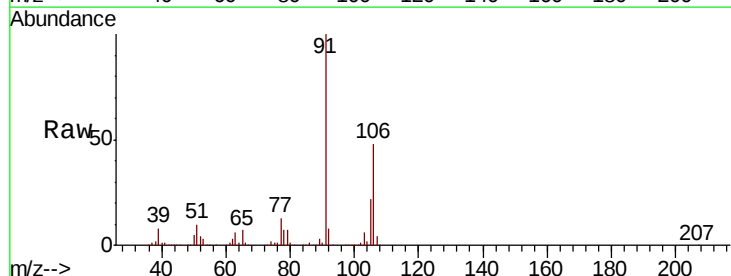
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

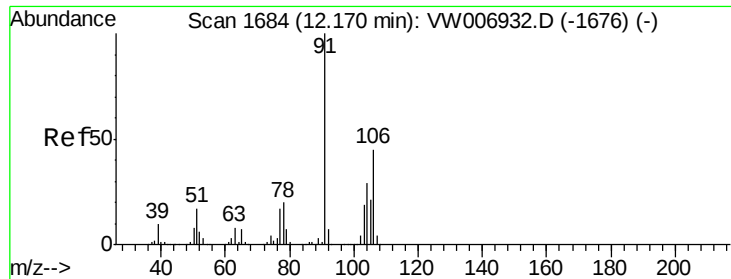
Tgt Ion: 91 Resp: 622895
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0



#68
m/p-Xylenes
Concen: 180.468 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 106 Resp: 477428
Ion Ratio Lower Upper
106 100
91 206.9 165.0 247.4

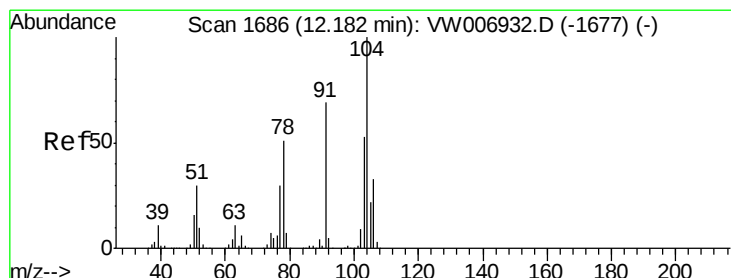
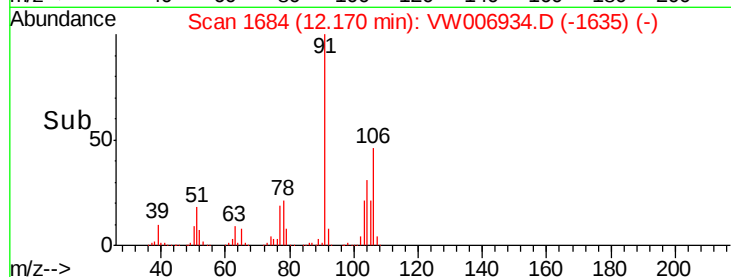
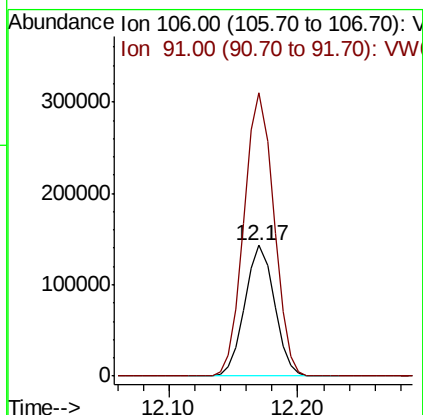
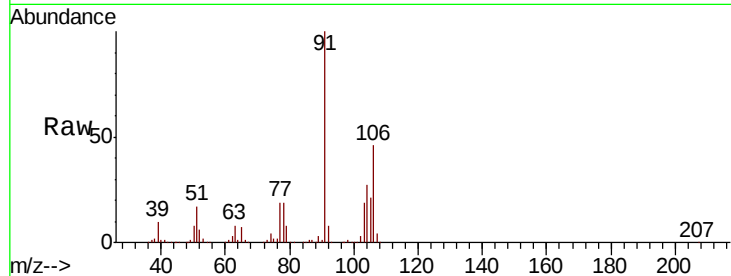




#69
o-Xylene
Concen: 92.098 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

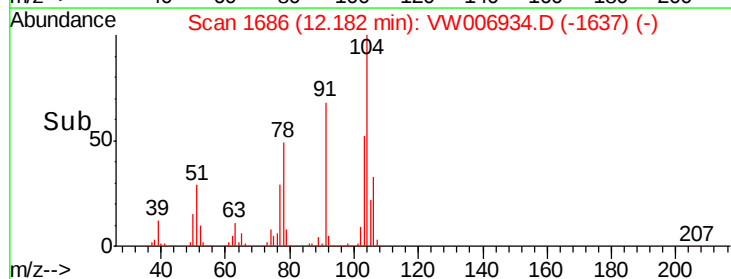
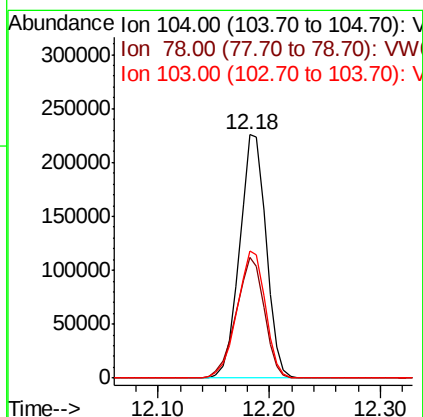
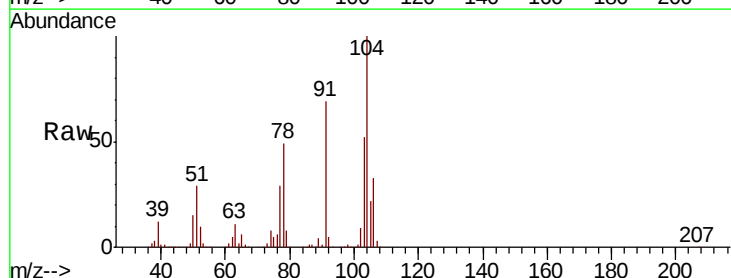
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

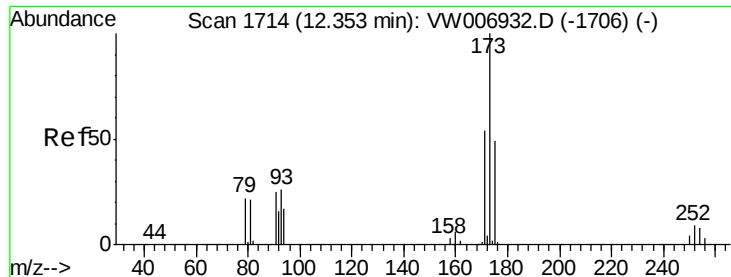
Tgt Ion:106 Resp: 227336
Ion Ratio Lower Upper
106 100
91 219.0 109.2 327.6



#70
Styrene
Concen: 93.933 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion:104 Resp: 371939
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 55.8 44.3 66.5





#71

Bromoform

Concen: 82.965 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

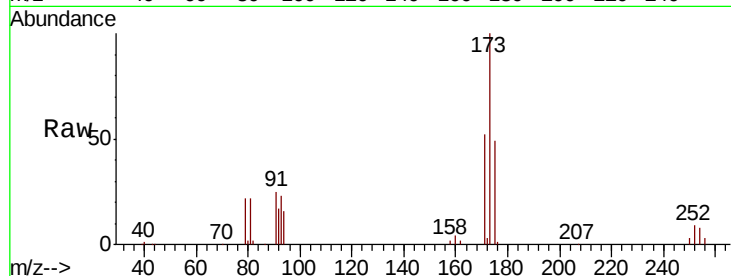
Tgt Ion:173 Resp: 54367

Ion Ratio Lower Upper

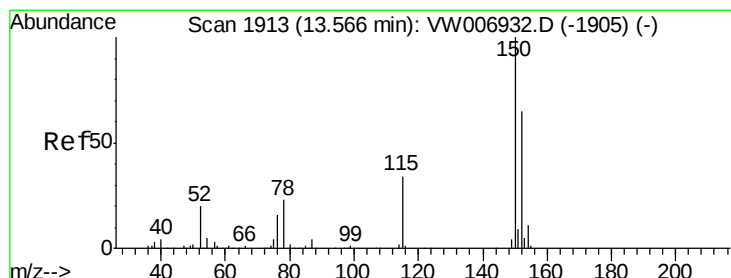
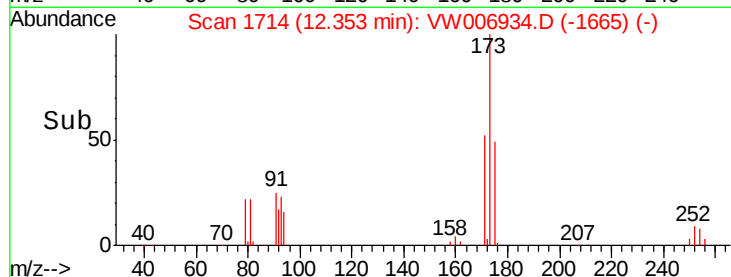
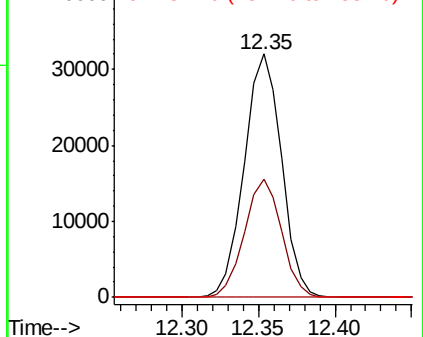
173 100

175 48.2 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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

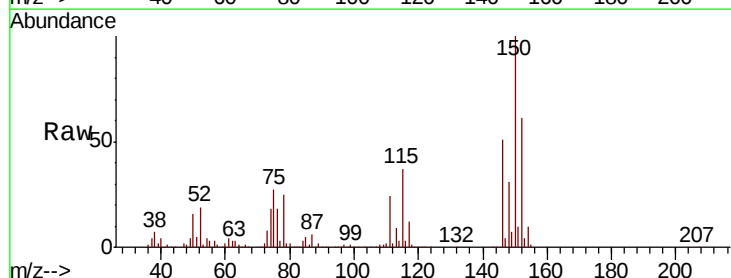
Tgt Ion:152 Resp: 82115

Ion Ratio Lower Upper

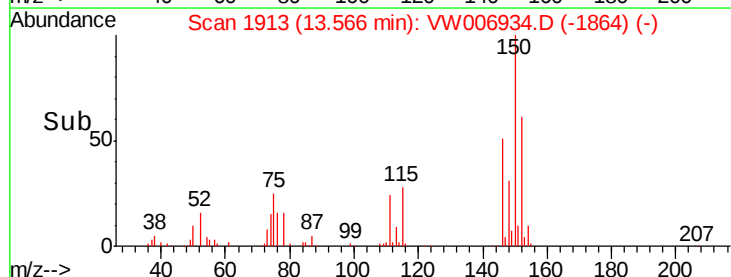
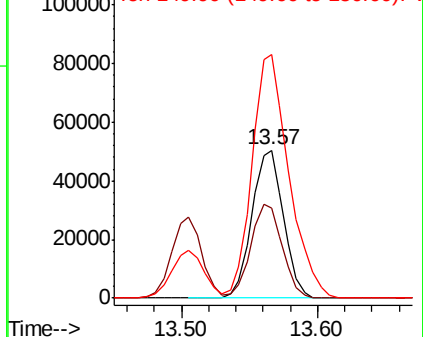
152 100

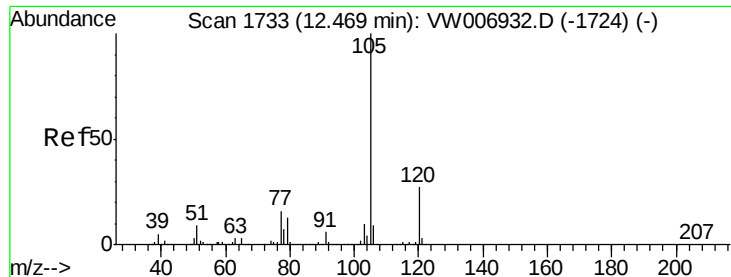
115 63.4 31.6 94.7

150 191.3 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: 106.380 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

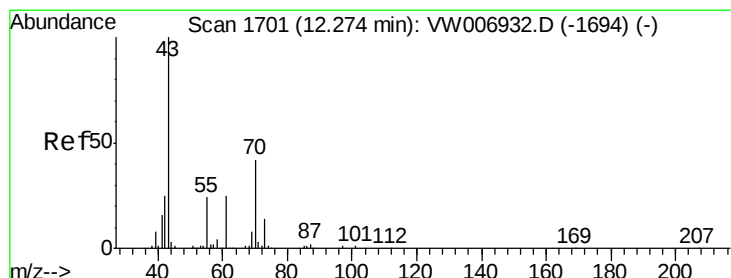
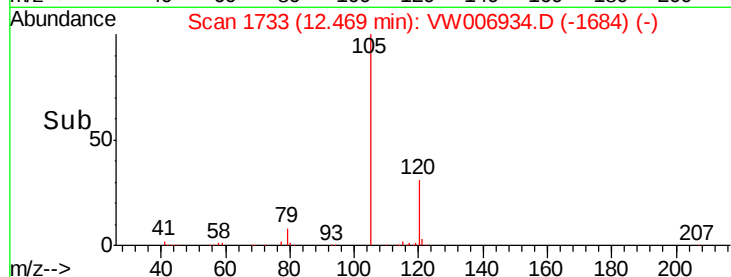
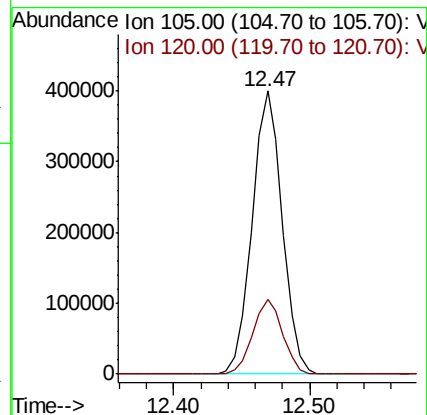
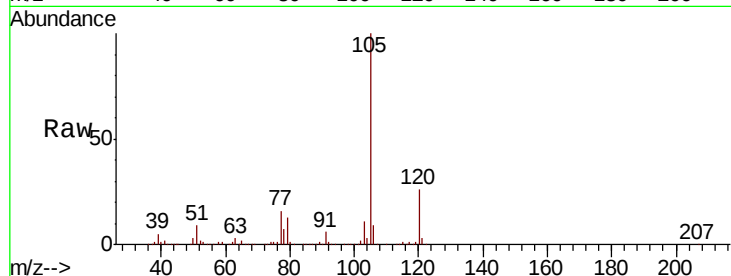
VSTDIC100

Tgt Ion:105 Resp: 618992

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 134.477 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Tgt Ion: 43 Resp: 125474

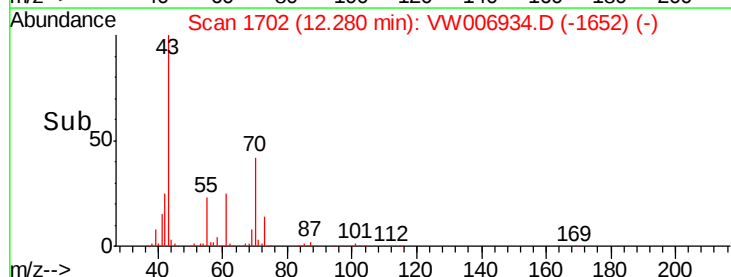
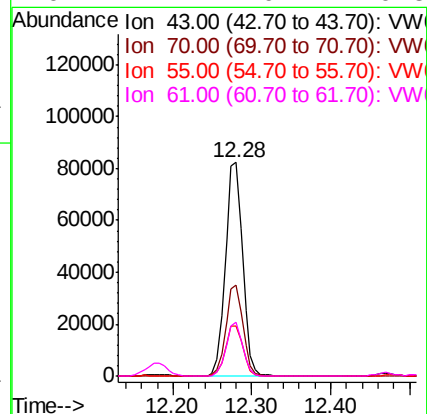
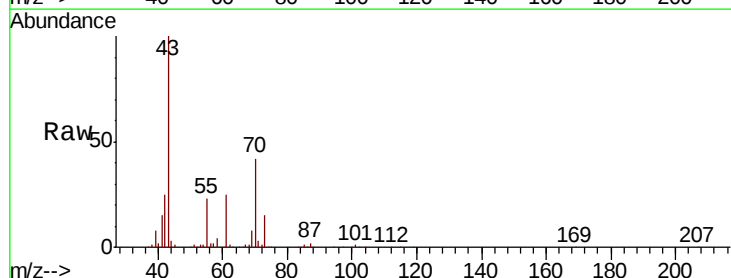
Ion Ratio Lower Upper

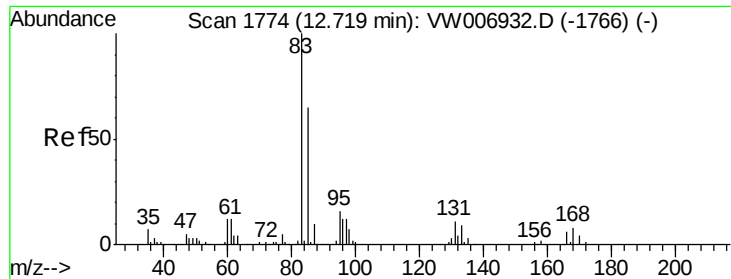
43 100

70 41.7 34.2 51.4

55 23.7 19.5 29.3

61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 109.785 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

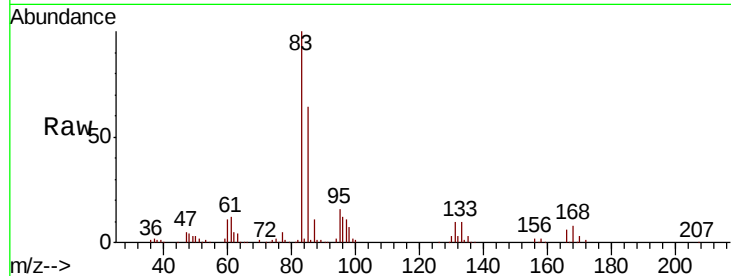
Tgt Ion: 83 Resp: 89147

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

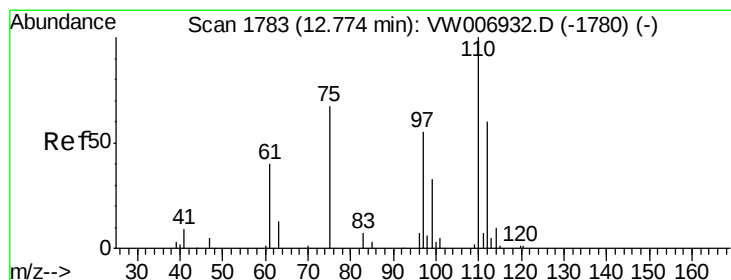
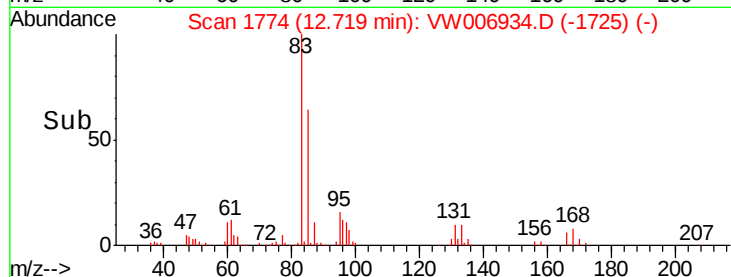
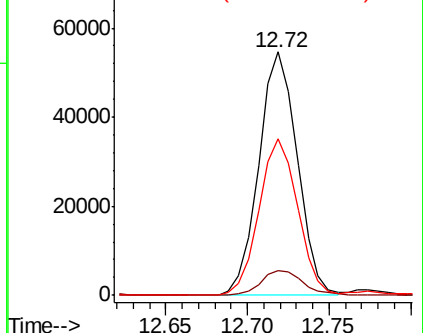
85 64.6 32.5 97.5



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: 200.712 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006934.D

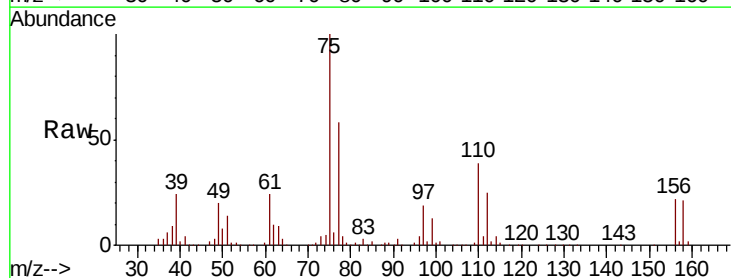
Acq: 17 Nov 2018 01:00

Tgt Ion: 75 Resp: 124391

Ion Ratio Lower Upper

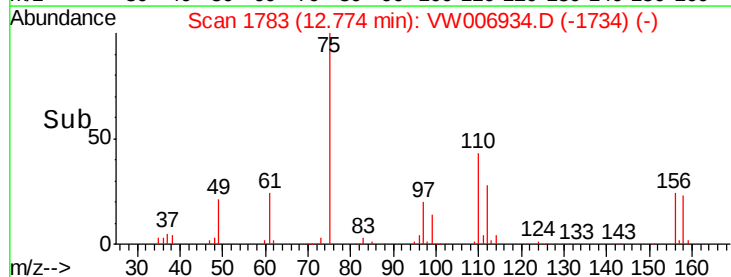
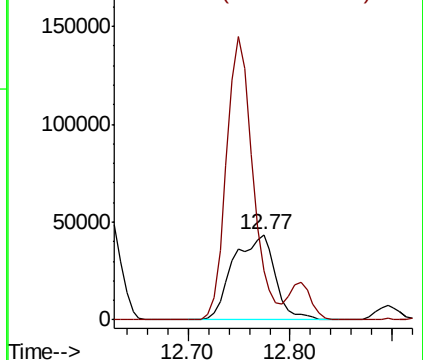
75 100

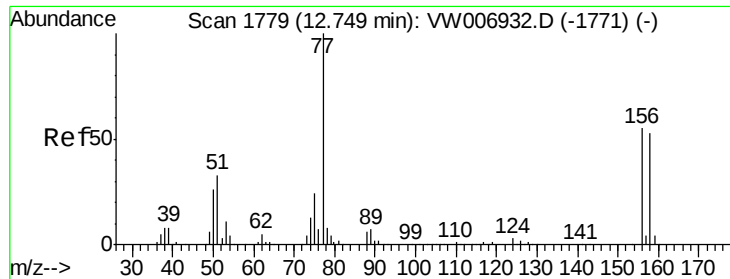
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 92.337 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

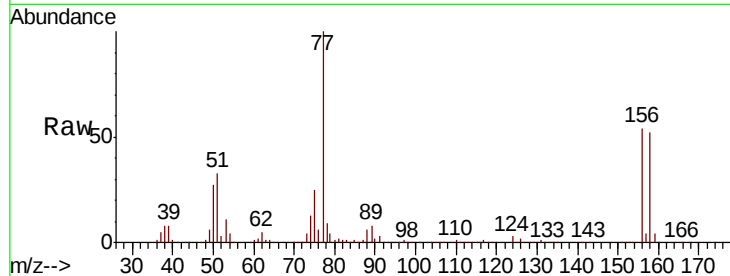
Tgt Ion:156 Resp: 132161

Ion Ratio Lower Upper

156 100

77 197.3 97.8 293.3

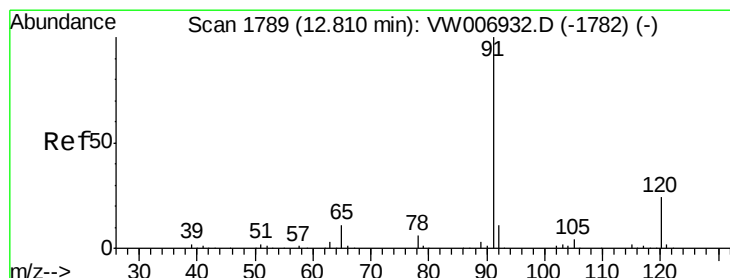
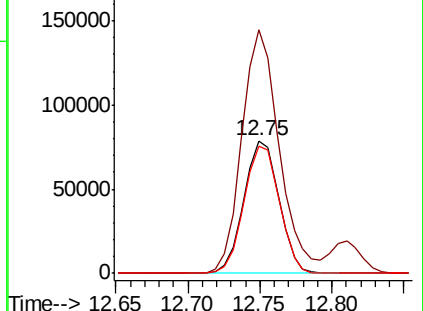
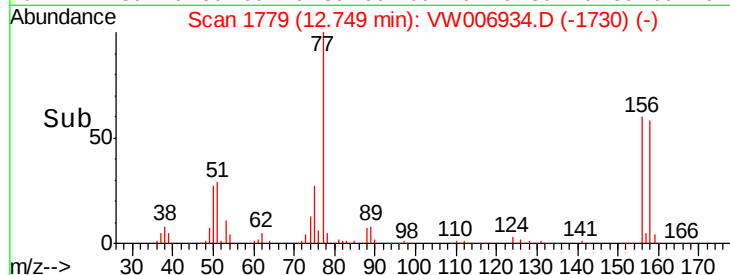
158 97.0 47.9 143.7



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: 107.347 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006934.D

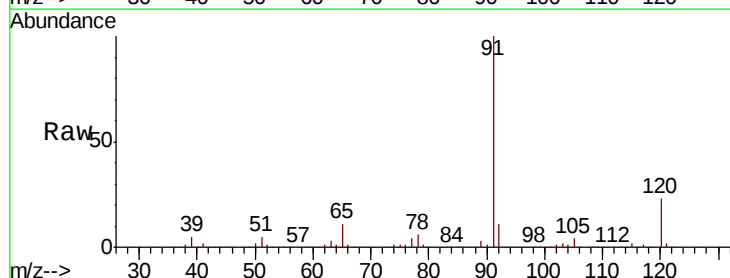
Acq: 17 Nov 2018 01:00

Tgt Ion: 91 Resp: 739347

Ion Ratio Lower Upper

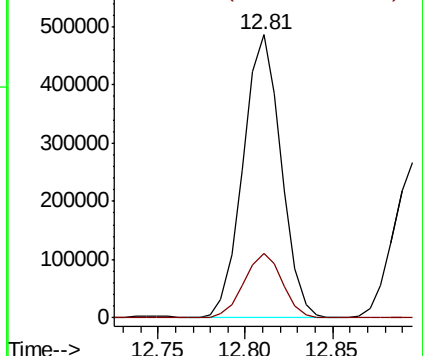
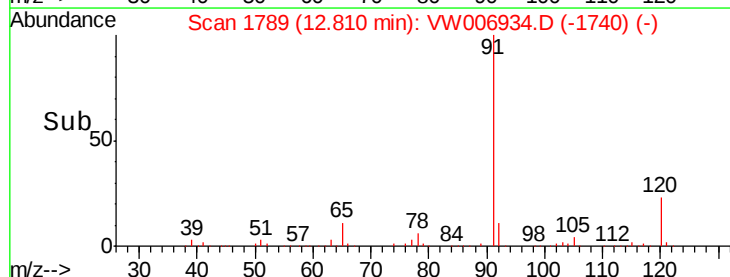
91 100

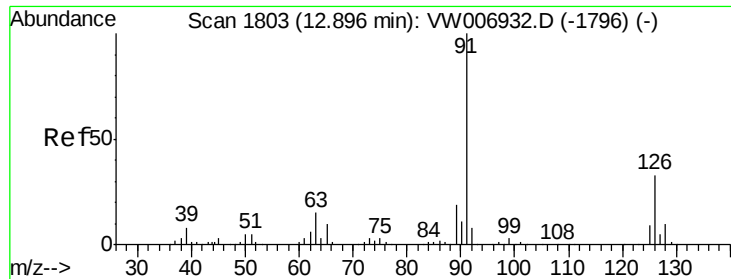
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 111.128 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

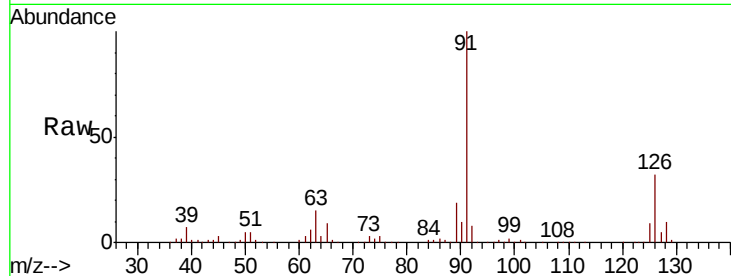
VSTDIC100

Tgt Ion: 91 Resp: 432696

Ion Ratio Lower Upper

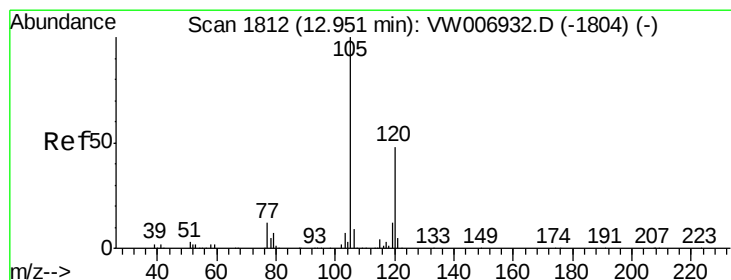
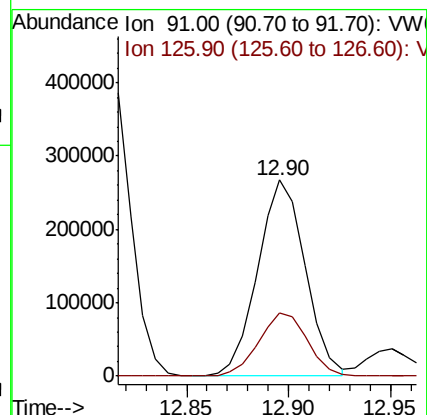
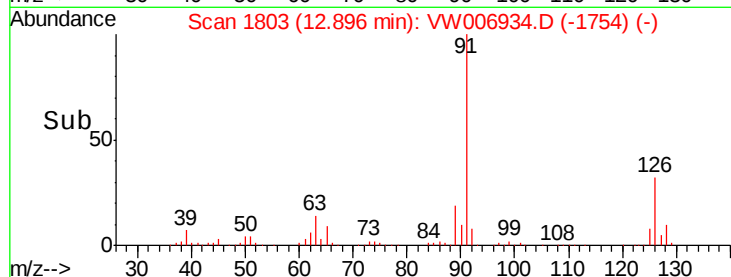
91 100

126 32.8 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 107.260 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006934.D

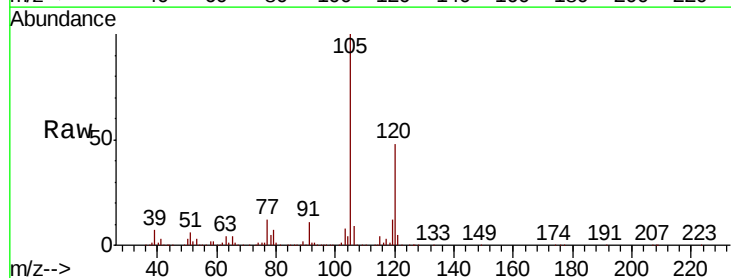
Acq: 17 Nov 2018 01:00

Tgt Ion: 105 Resp: 536194

Ion Ratio Lower Upper

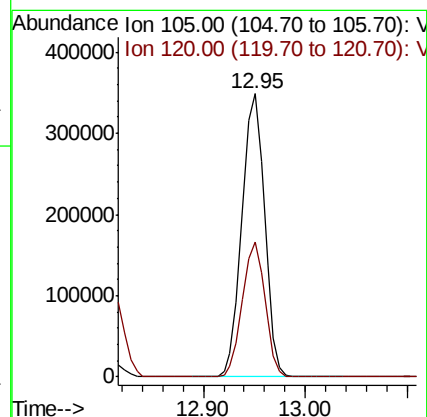
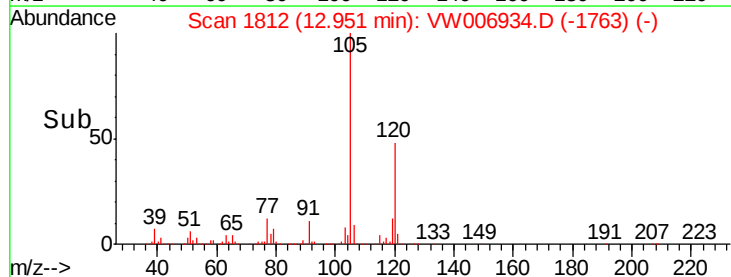
105 100

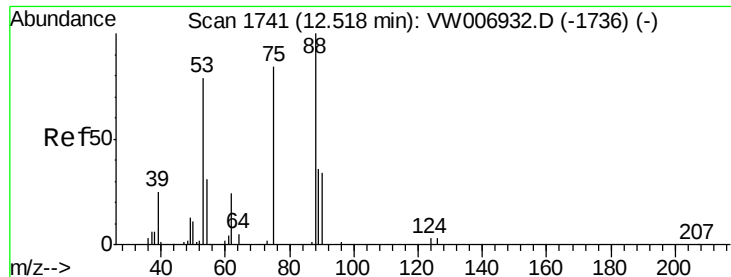
120 47.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

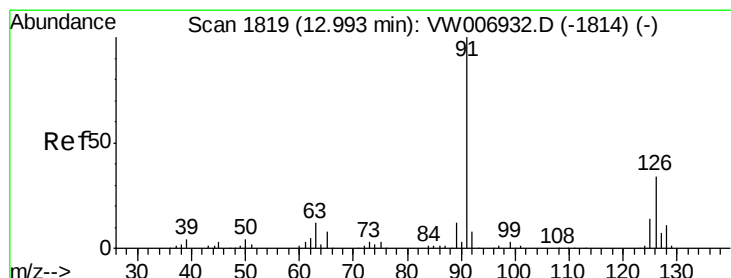
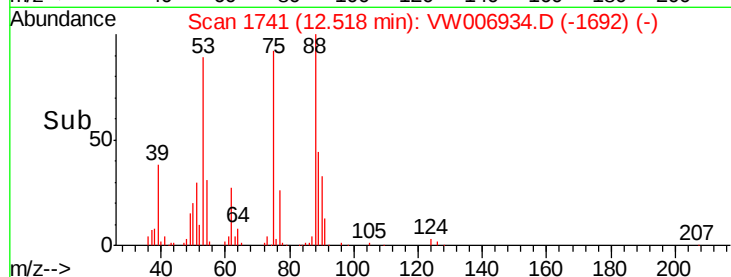
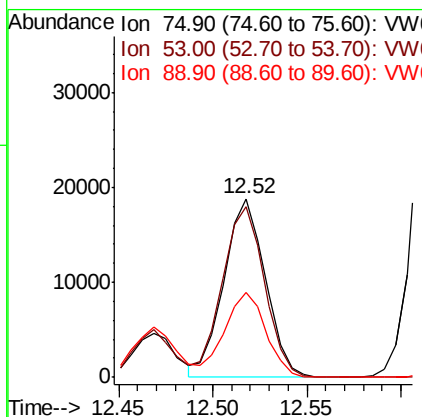
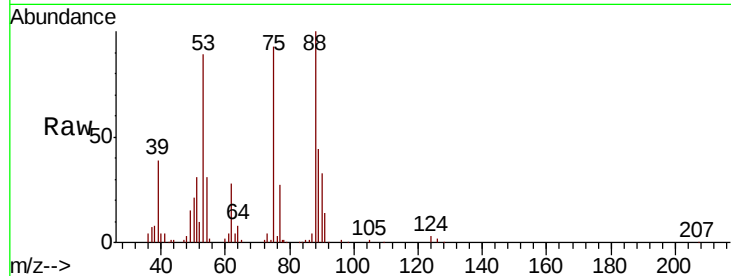




#81
trans-1,4-Dichloro-2-butene
Concen: 116.167 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

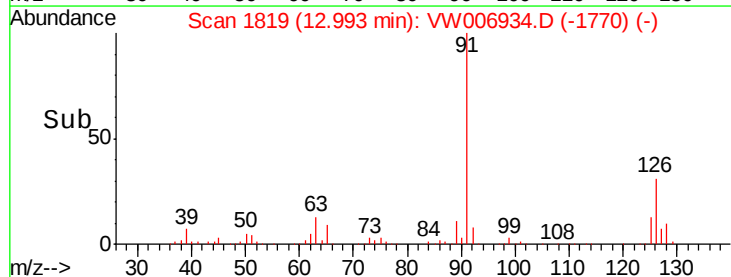
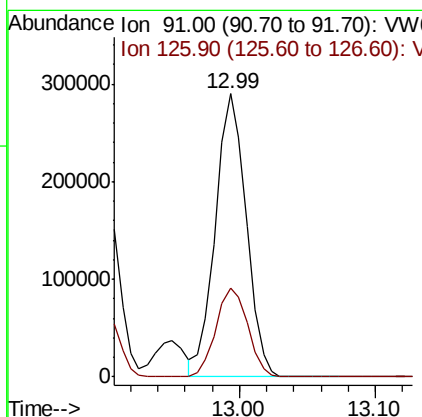
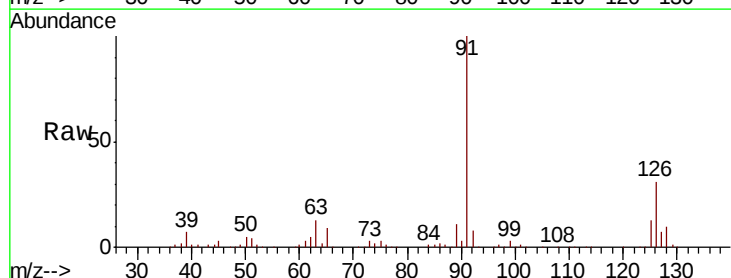
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

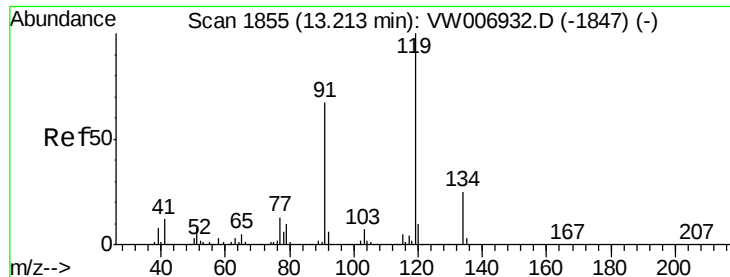
Tgt Ion: 75 Resp: 28790
Ion Ratio Lower Upper
75 100
53 97.5 79.3 118.9
89 47.1 39.5 59.3



#82
4-Chlorotoluene
Concen: 109.743 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion: 91 Resp: 455430
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6





#83

tert-Butylbenzene

Concen: 102.715 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

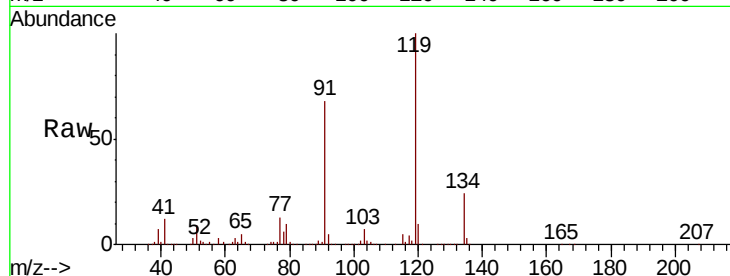
Tgt Ion:119 Resp: 450361

Ion Ratio Lower Upper

119 100

91 67.8 33.8 101.4

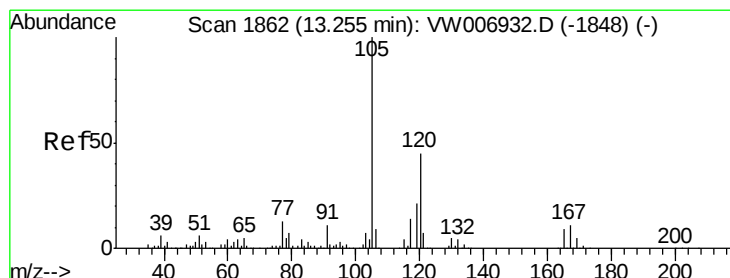
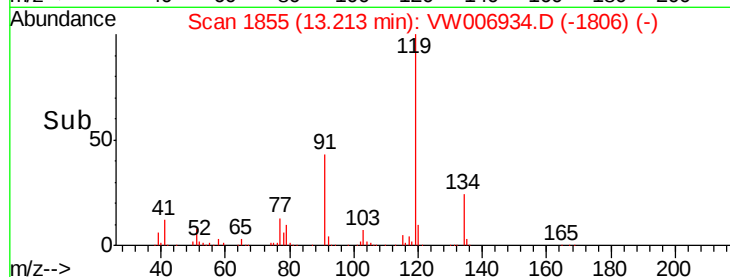
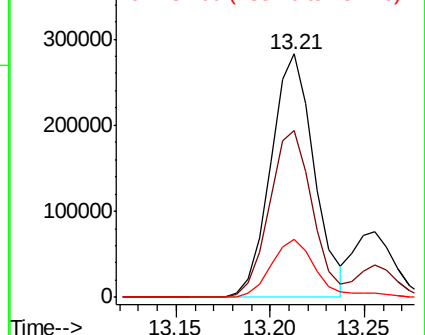
134 25.1 12.6 37.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 106.353 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW006934.D

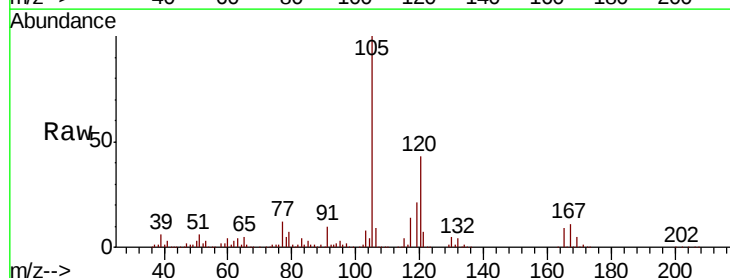
Acq: 17 Nov 2018 01:00

Tgt Ion:105 Resp: 540304

Ion Ratio Lower Upper

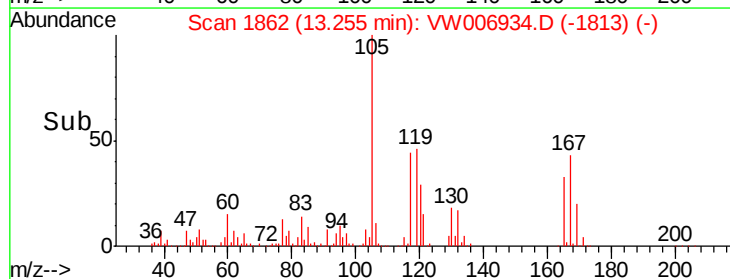
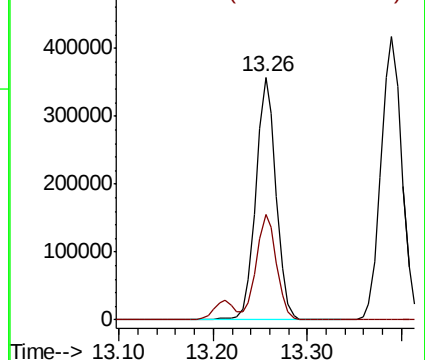
105 100

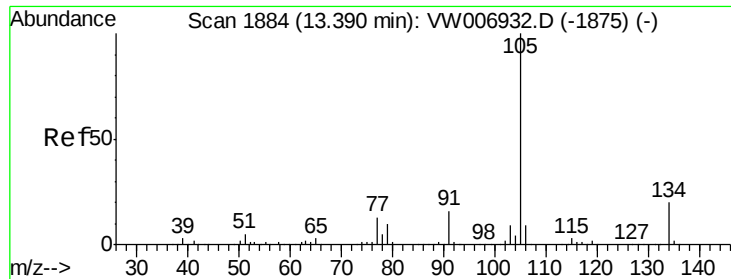
120 43.3 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 102.609 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

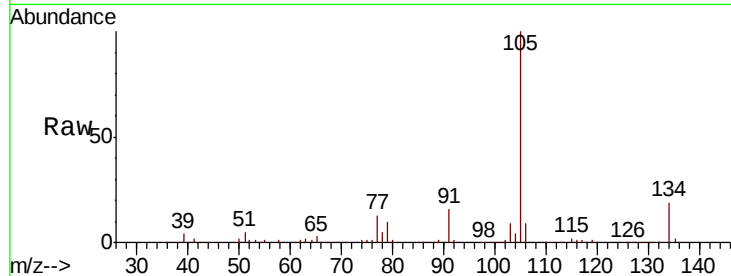
VSTDIC100

Tgt Ion:105 Resp: 638659

Ion Ratio Lower Upper

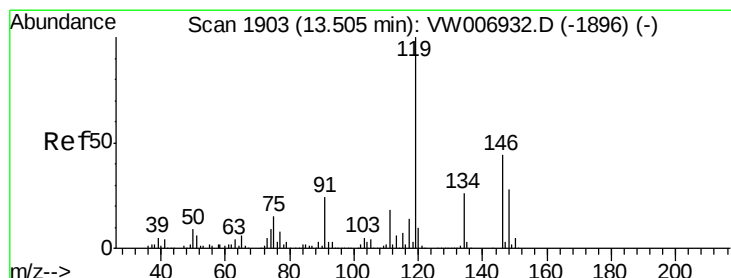
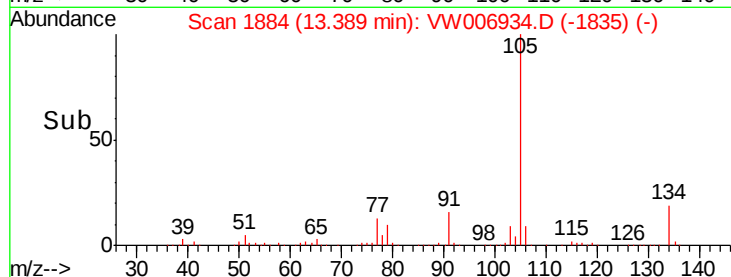
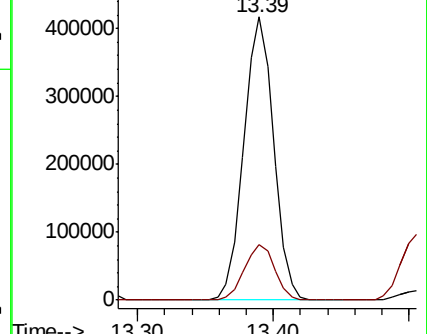
105 100

134 19.8 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 99.523 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

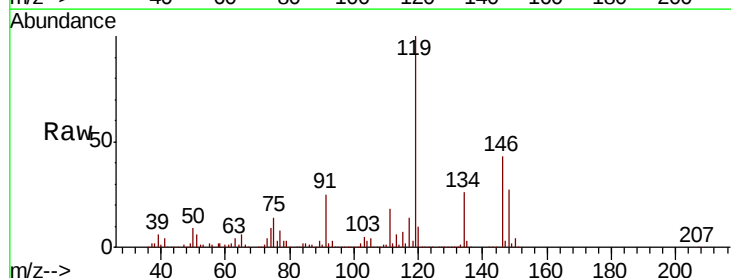
Tgt Ion:119 Resp: 559308

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

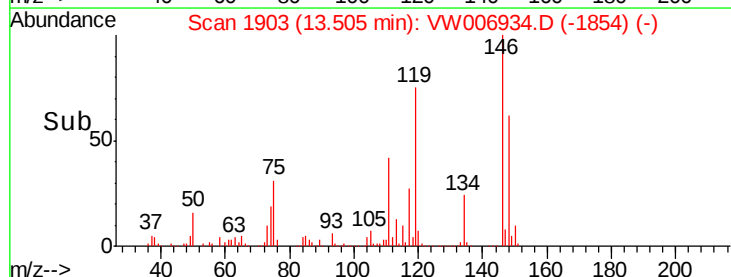
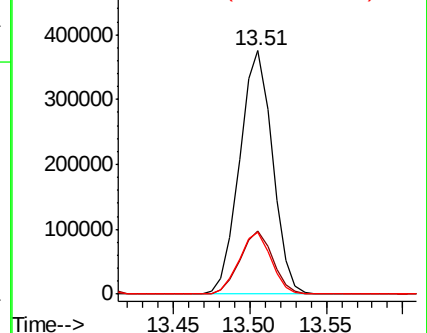
91 25.0 12.4 37.2

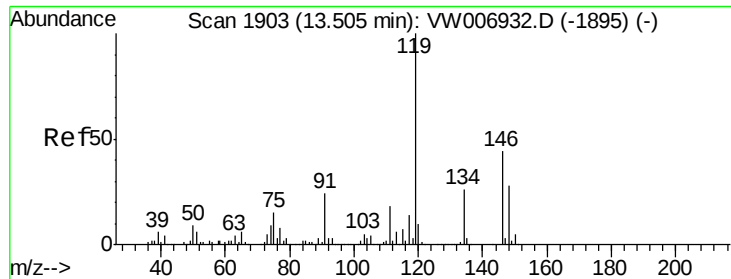


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

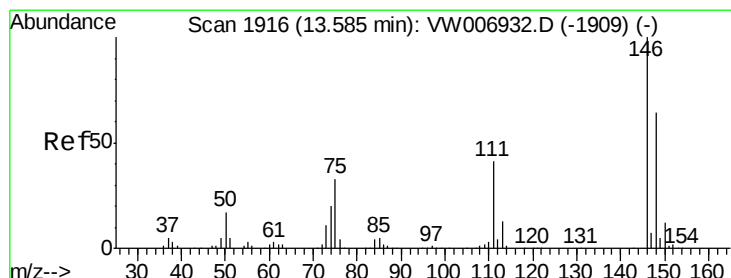
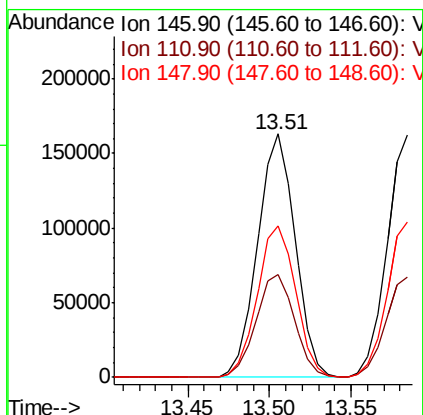
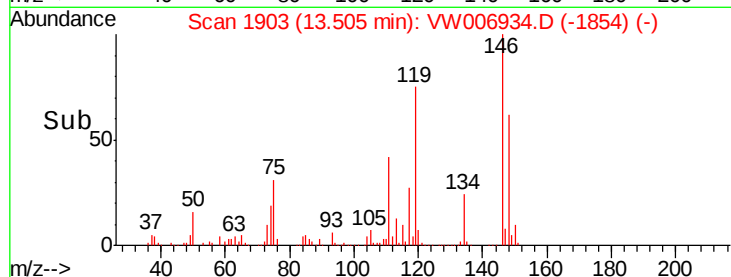
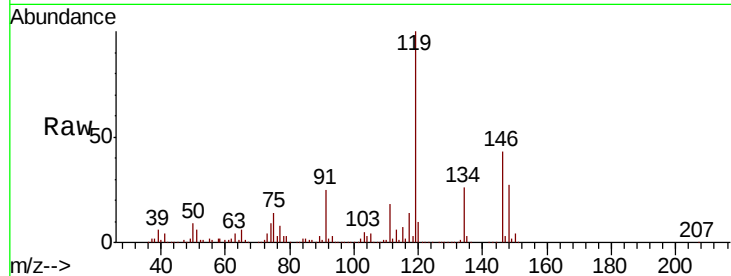




#87
 1,3-Dichlorobenzene
 Concen: 89.869 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

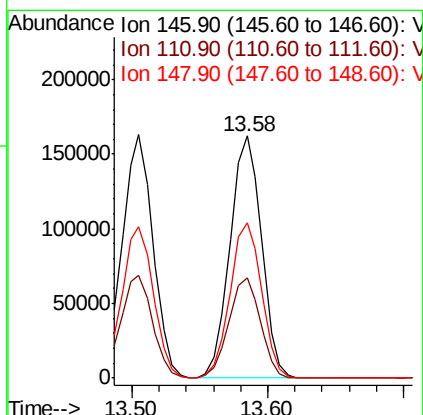
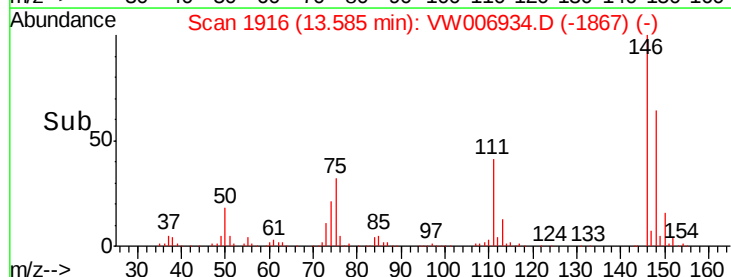
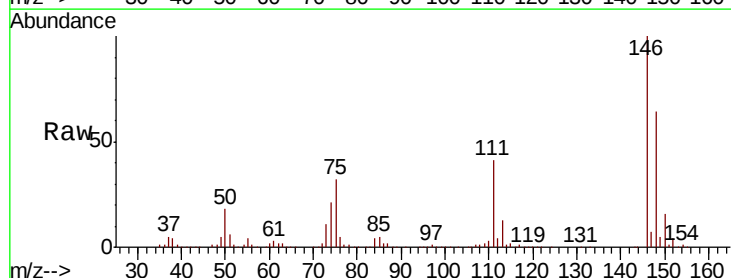
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

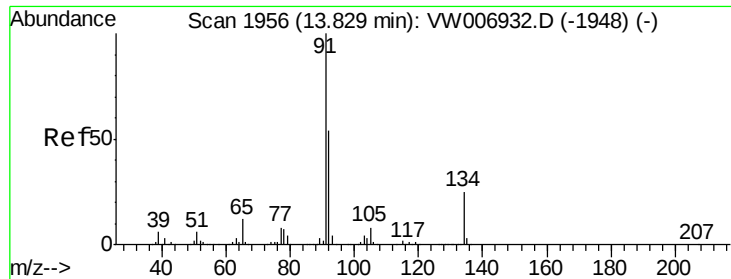
Tgt Ion:146 Resp: 261183
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.3 63.9
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 90.915 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion:146 Resp: 261721
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 104.808 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006934.D

Acq: 17 Nov 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

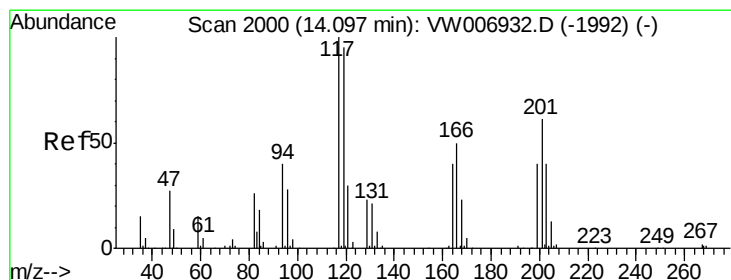
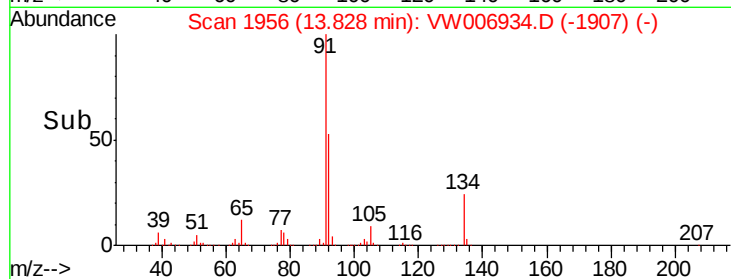
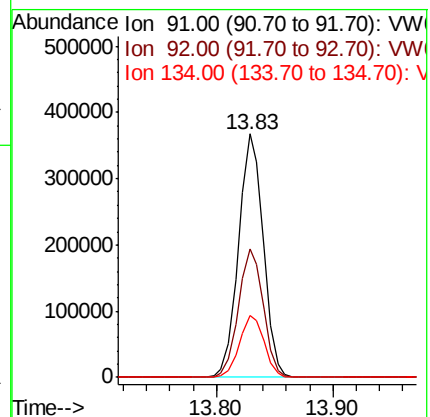
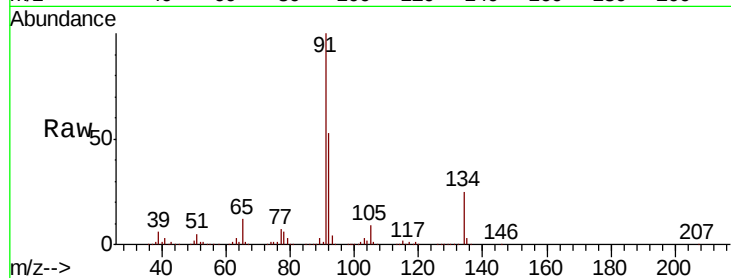
Tgt Ion: 91 Resp: 542940

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 25.5 12.9 38.6



#90

Hexachloroethane

Concen: 106.185 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006934.D

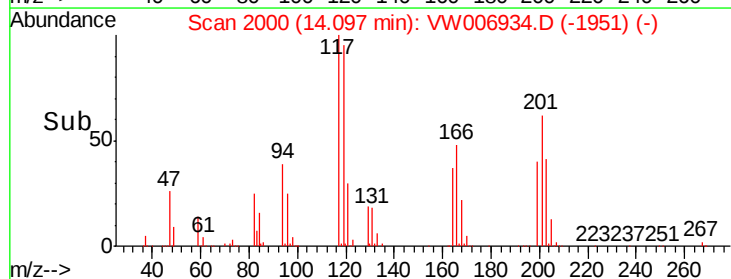
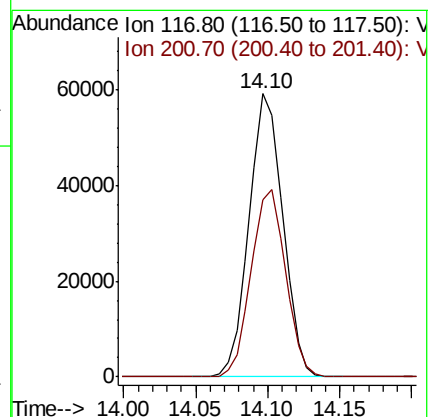
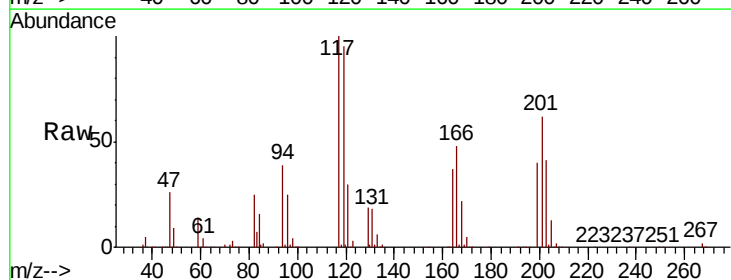
Acq: 17 Nov 2018 01:00

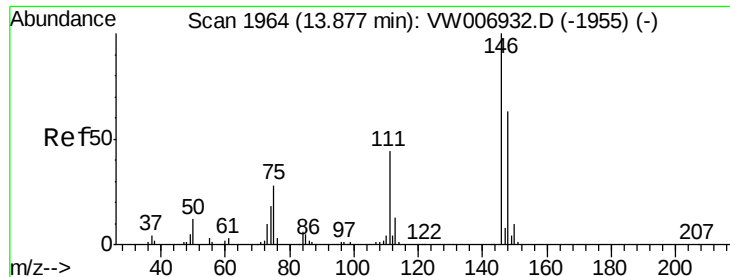
Tgt Ion: 117 Resp: 95994

Ion Ratio Lower Upper

117 100

201 67.4 33.8 101.4

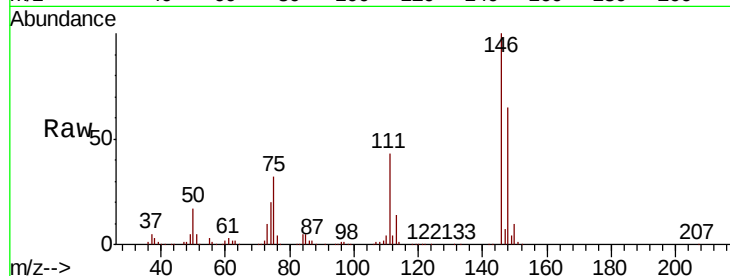




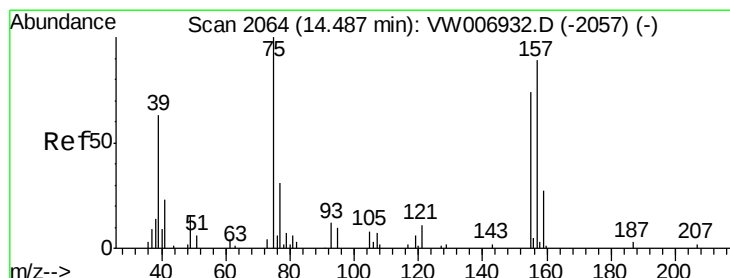
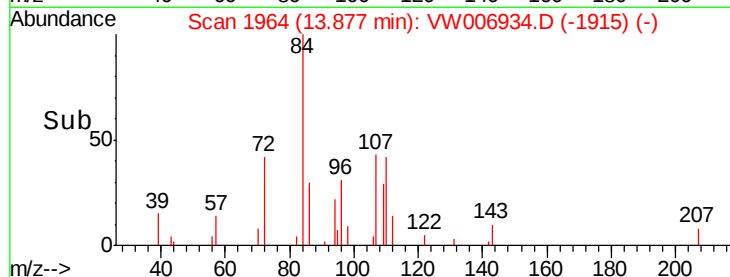
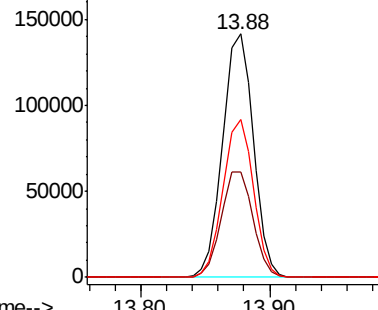
#91
 1,2-Dichlorobenzene
 Concen: 91.686 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 233044
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.6 67.7
 148 64.2 31.7 95.1

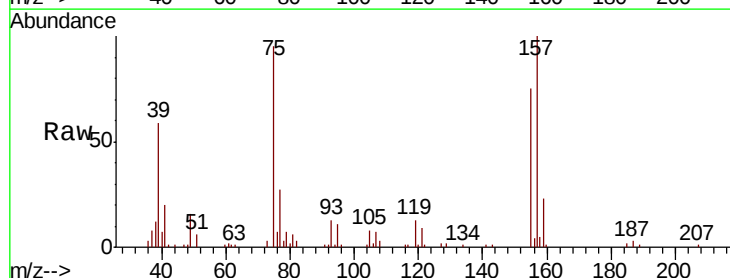


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

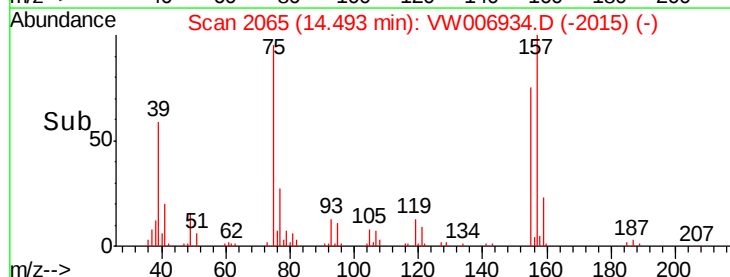
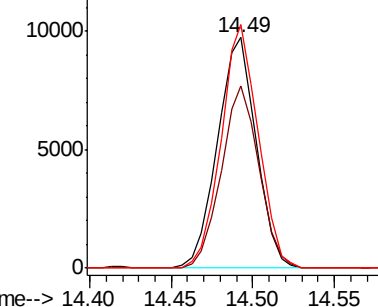


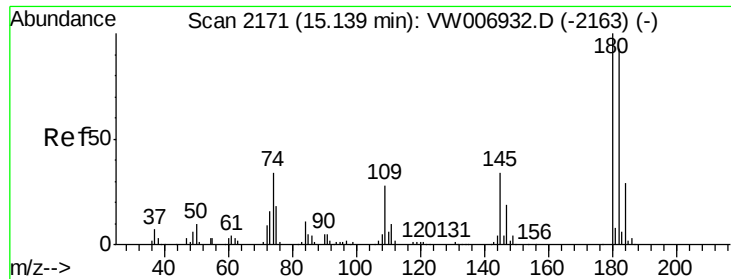
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 119.884 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion: 75 Resp: 16013
 Ion Ratio Lower Upper
 75 100
 155 76.8 38.6 115.7
 157 101.0 49.7 149.1



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

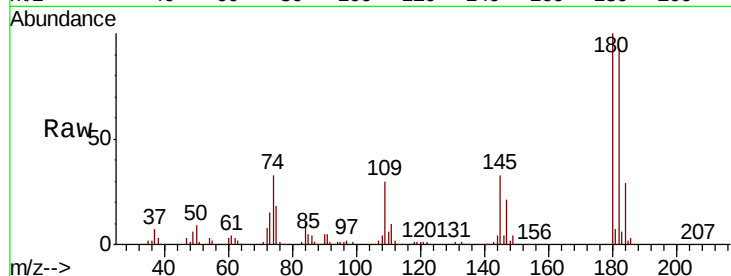




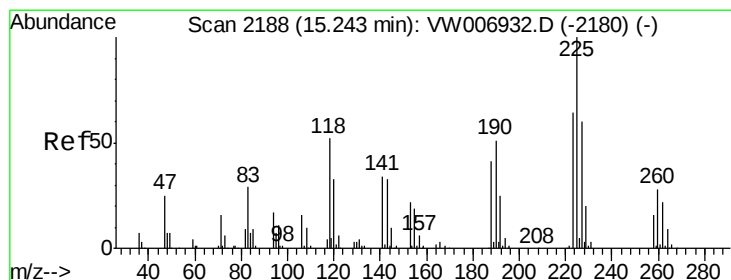
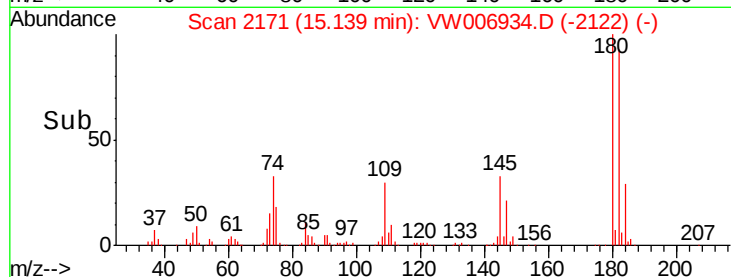
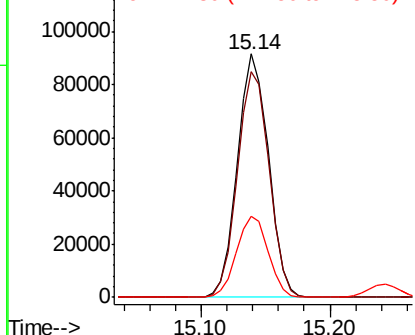
#93
 1,2,4-Trichlorobenzene
 Concen: 81.771 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 152794
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.9
 145 33.9 16.8 50.4

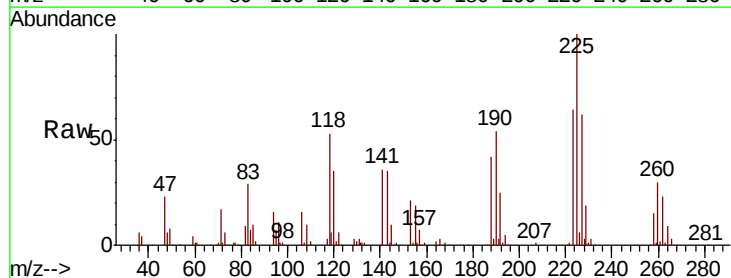


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

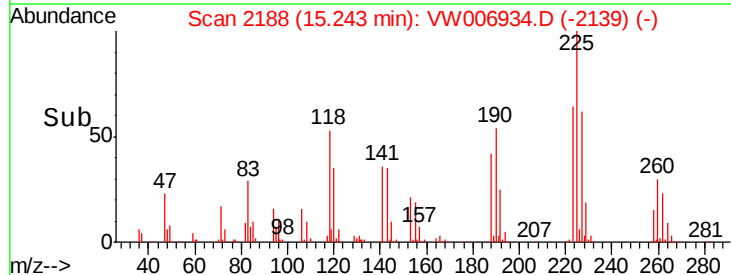
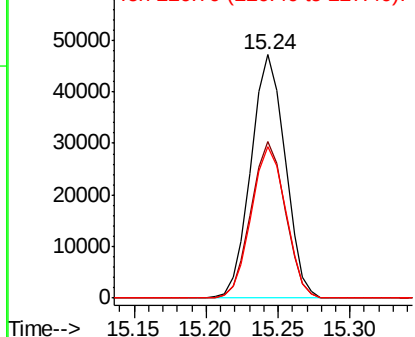


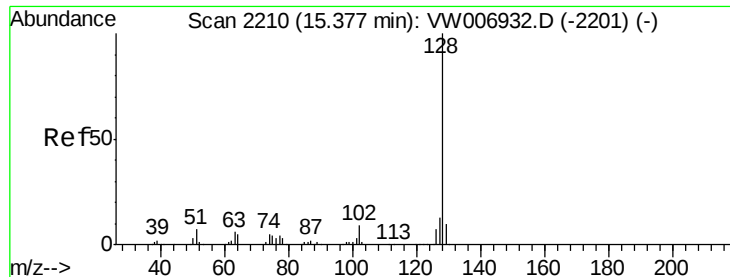
#94
 Hexachlorobutadiene
 Concen: 67.265 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006934.D
 Acq: 17 Nov 2018 01:00

Tgt Ion:225 Resp: 77571
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.1 96.3
 227 62.8 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

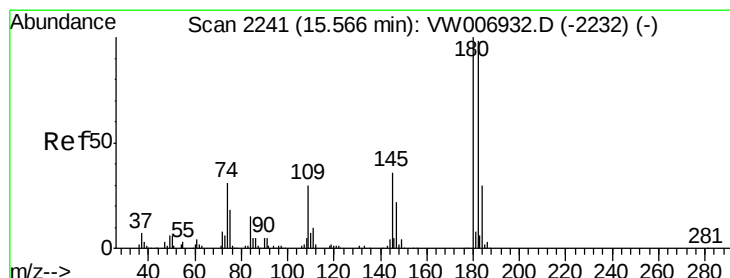
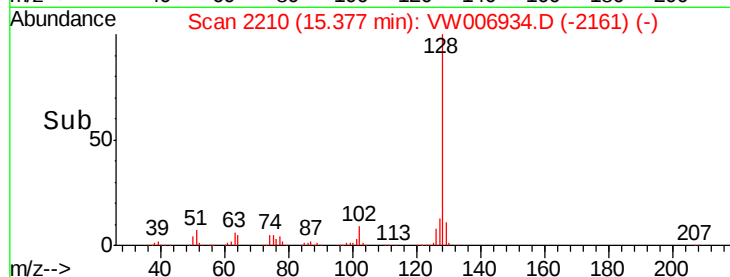
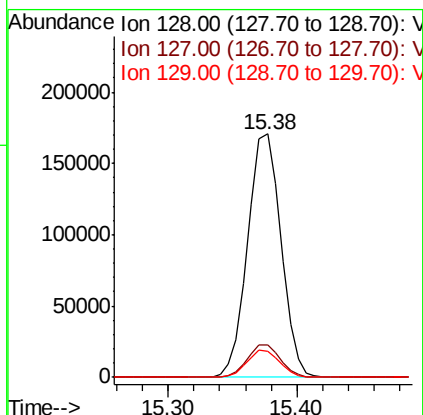
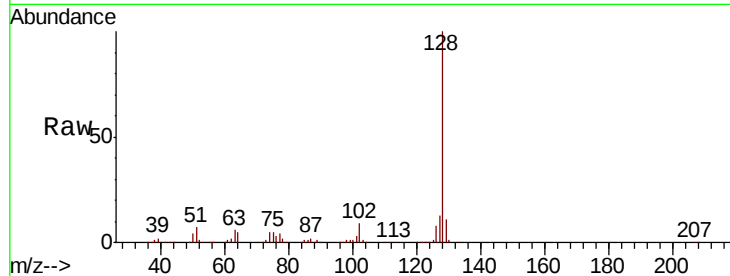




#95
Naphthalene
Concen: 104.800 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.0	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 81.816 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006934.D
Acq: 17 Nov 2018 01:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.2
145	36.1	17.6	52.9

