

Data File : VW007184.D
Acq On : 04 Dec 2018 13:20
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Dec 05 00:49:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 00:43:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	174986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	81437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109592	104.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.08%	
35) Dibromofluoromethane	7.88	113	106558	106.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.70%	
50) Toluene-d8	10.33	98	446814	101.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.46%	
62) 4-Bromofluorobenzene	12.62	95	162059	97.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	106450	86.410	ug/l	98
3) Chloromethane	2.22	50	135917	87.122	ug/l	99
4) Vinyl Chloride	2.36	62	89666	91.796	ug/l	98
5) Bromomethane	2.75	94	45536	93.031	ug/l	96
6) Chloroethane	2.91	64	51357	93.706	ug/l	95
7) Trichlorofluoromethane	3.26	101	187998	98.718	ug/l	99
8) Diethyl Ether	3.69	74	54588	102.834	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111642	97.045	ug/l	98
10) Methyl Iodide	4.27	142	105748	107.906	ug/l	99
11) Tert butyl alcohol	5.17	59	46120	376.934	ug/l	98
12) 1,1-Dichloroethene	4.04	96	105577	97.929	ug/l	99
13) Acrolein	3.90	56	37208	506.529	ug/l	99
14) Allyl chloride	4.67	41	171044	98.978	ug/l	99
15) Acrylonitrile	5.37	53	116448	524.741	ug/l	98
16) Acetone	4.12	43	129544	521.979	ug/l	99
17) Carbon Disulfide	4.39	76	357320	100.548	ug/l	100
18) Methyl Acetate	4.68	43	58148	102.646	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	258839	101.973	ug/l	99
20) Methylene Chloride	4.92	84	117754	79.788	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	120912	100.442	ug/l	98
22) Diisopropyl ether	6.32	45	300879	96.988	ug/l	95
23) Vinyl Acetate	6.26	43	841540	497.155	ug/l	97
24) 1,1-Dichloroethane	6.22	63	198738	99.952	ug/l	100
25) 2-Butanone	7.18	43	145971	507.391	ug/l	98
26) 2,2-Dichloropropane	7.17	77	183969	96.281	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	128564	99.625	ug/l	99
28) Bromochloromethane	7.52	49	69483	96.914	ug/l	99
29) Tetrahydrofuran	7.53	42	93428	525.527	ug/l	99
30) Chloroform	7.68	83	208226	100.766	ug/l	98
31) Cyclohexane	7.96	56	185459	89.147	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	189537	97.465	ug/l	99
36) 1,1-Dichloropropene	8.09	75	164236	96.459	ug/l	99
37) Ethyl Acetate	7.26	43	62466	101.424	ug/l	98
38) Carbon Tetrachloride	8.07	117	168745	97.100	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	218271	95.763	ug/l	96
40) Benzene	8.33	78	464174	99.419	ug/l	100
41) Methacrylonitrile	7.49	41	35719	96.825	ug/l	91
42) 1,2-Dichloroethane	8.40	62	131139	100.501	ug/l	99
43) Isopropyl Acetate	8.43	43	124950	104.458	ug/l	99
44) Trichloroethene	9.09	130	129067	98.346	ug/l	98
45) 1,2-Dichloropropane	9.37	63	106471	97.996	ug/l	92
46) Dibromomethane	9.46	93	57364	101.607	ug/l	99
47) Bromodichloromethane	9.65	83	147690	99.451	ug/l	99
48) Methyl methacrylate	9.44	41	63549	102.362	ug/l	97
49) 1,4-Dioxane	9.45	88	19498	1977.003	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	307353	521.396	ug/l	100
52) Toluene	10.39	92	313371	96.489	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	153398	102.741	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	176576	100.915	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	81563	101.566	ug/l	97
56) Ethyl methacrylate	10.65	69	107902	103.006	ug/l	99
57) 1,3-Dichloropropane	10.93	76	135191	99.714	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	214300	509.322	ug/l	99
59) 2-Hexanone	10.97	43	229345	536.700	ug/l	98
60) Dibromochloromethane	11.13	129	103012	104.370	ug/l	94
61) 1,2-Dibromoethane	11.24	107	78160	101.475	ug/l	98
64) Tetrachloroethene	10.87	164	110341	94.632	ug/l	95
65) Chlorobenzene	11.66	112	342486	96.089	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	109602	99.568	ug/l	98
67) Ethyl Benzene	11.74	91	622279	95.791	ug/l	98
68) m/p-Xylenes	11.84	106	481852	189.073	ug/l	97
69) o-Xylene	12.17	106	227711	95.635	ug/l	99
70) Styrene	12.18	104	375792	96.414	ug/l	99
71) Bromoform	12.35	173	57629	104.582	ug/l #	99
73) Isopropylbenzene	12.47	105	636273	96.062	ug/l	100
74) N-amyl acetate	12.27	43	114549	97.543	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	85205	99.051	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	122624	112.031	ug/l #	100
77) Bromobenzene	12.75	156	136298	95.332	ug/l	99
78) n-propylbenzene	12.81	91	727457	92.187	ug/l	99
79) 2-Chlorotoluene	12.90	91	416456	93.457	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	534966	94.412	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	29809	101.890	ug/l	98
82) 4-Chlorotoluene	12.99	91	446095	94.101	ug/l	97
83) tert-Butylbenzene	13.21	119	472723	95.466	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	536774	92.803	ug/l	97
85) sec-Butylbenzene	13.39	105	671505	94.991	ug/l	99
86) p-Isopropyltoluene	13.51	119	606293	96.345	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	280298	95.502	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	277703	93.671	ug/l	97
89) n-Butylbenzene	13.83	91	553836	94.181	ug/l	99
90) Hexachloroethane	14.10	117	93526	97.528	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	243612	95.879	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16970	101.837	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Wed Dec 05 00:43:04 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	171792	97.563	ug/l	99
94) Hexachlorobutadiene	15.24	225	89602	94.364	ug/l	99
95) Naphthalene	15.38	128	321384	101.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	146773	98.853	ug/l	100

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

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ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

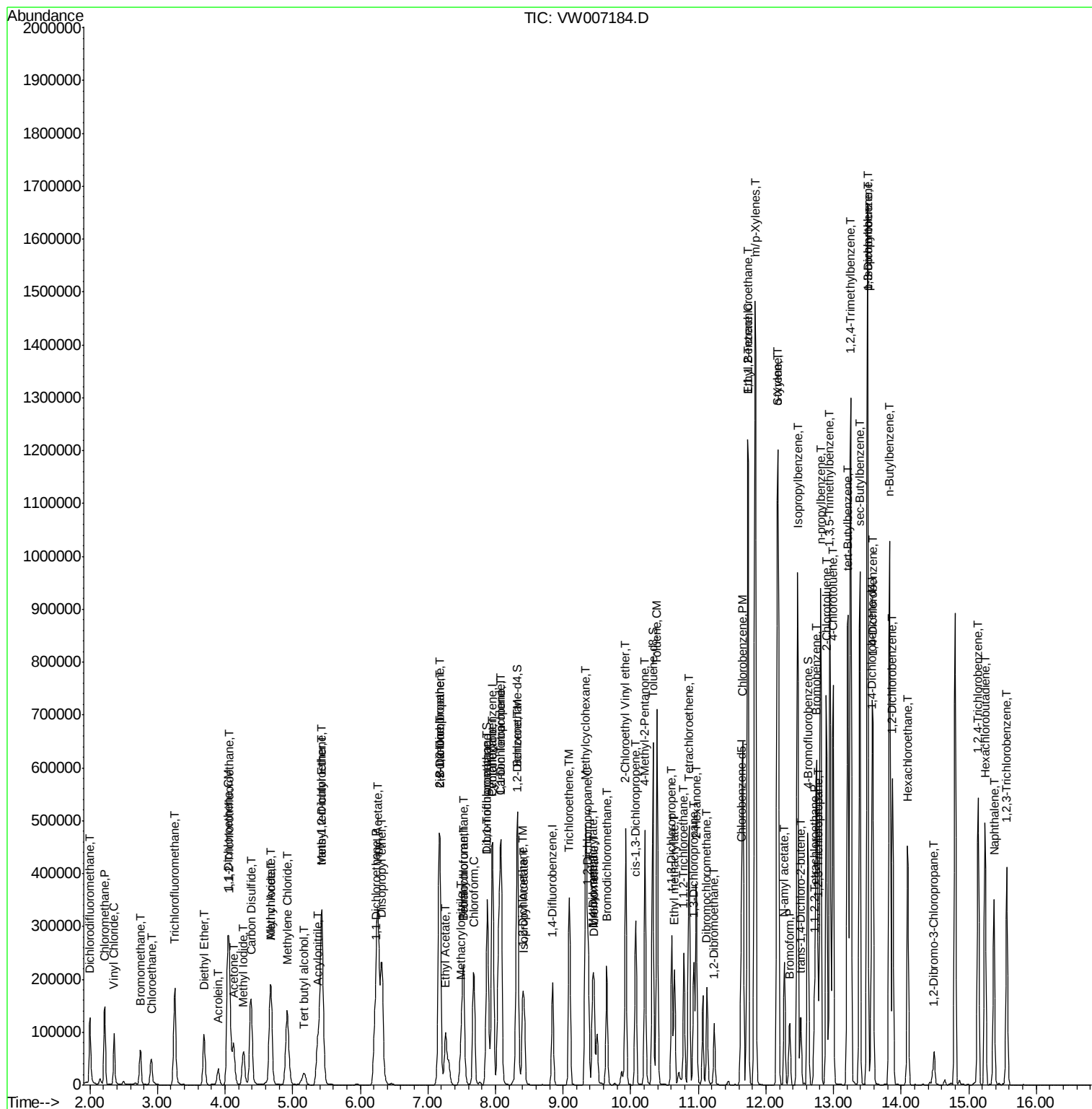
Quant Time: Dec 05 00:49:32 2018

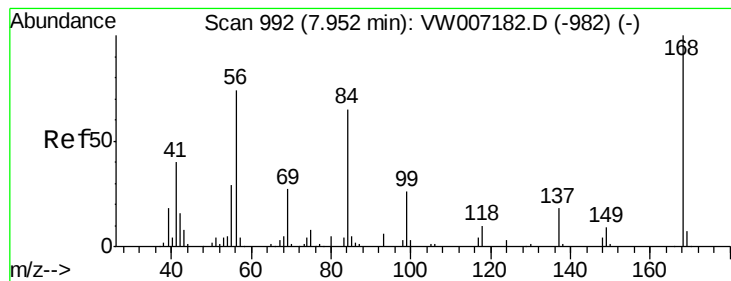
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Quant Title : SW846 8260

QLast Update : Wed Dec 05 00:43:04 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

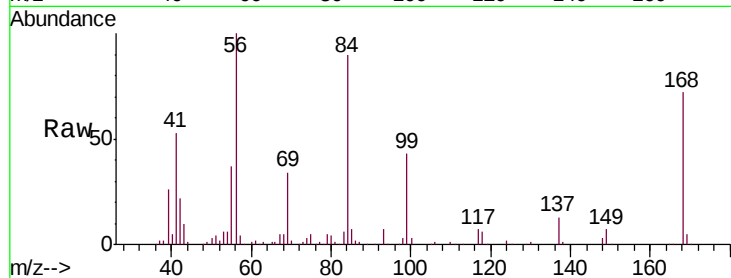
VSTDIC100

Tgt Ion:168 Resp: 112599

Ion Ratio Lower Upper

168 100

99 59.7 47.8 71.8

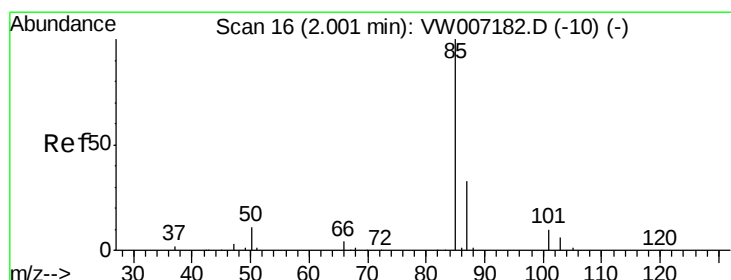
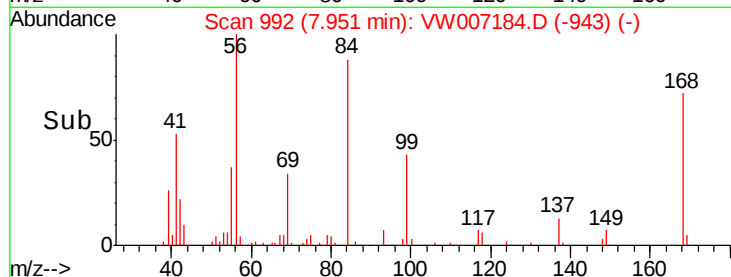


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->



#2

Dichlorodifluoromethane

Concen: 86.410 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007184.D

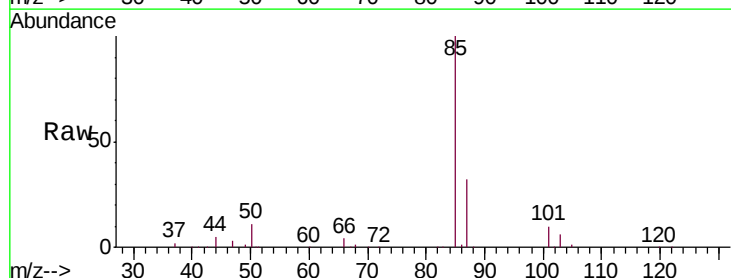
Acq: 04 Dec 2018 13:20

Tgt Ion: 85 Resp: 106450

Ion Ratio Lower Upper

85 100

87 32.0 16.5 49.5

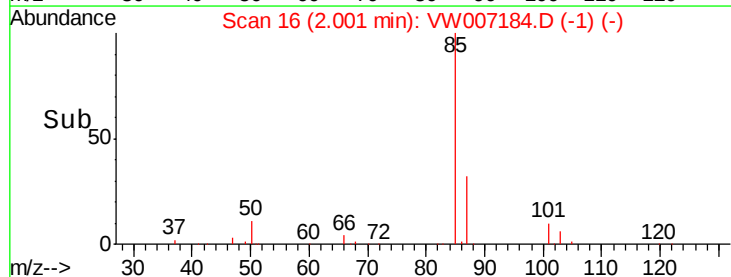


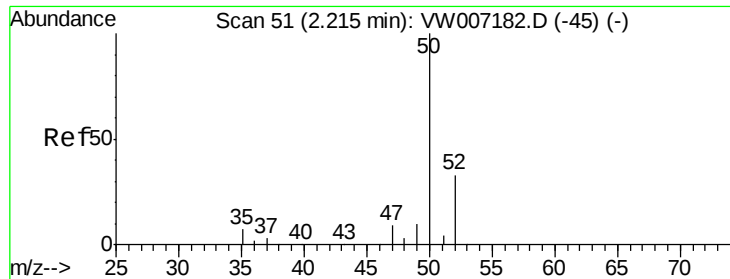
Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

Time-->





#3

Chloromethane

Concen: 87.122 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

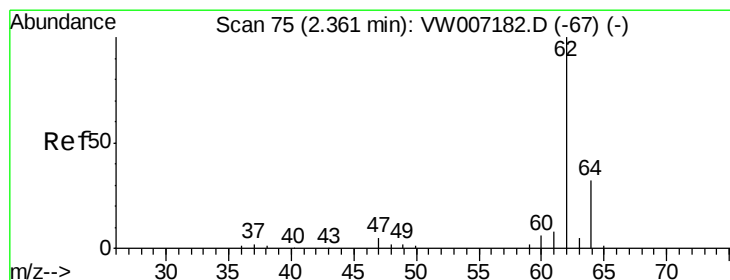
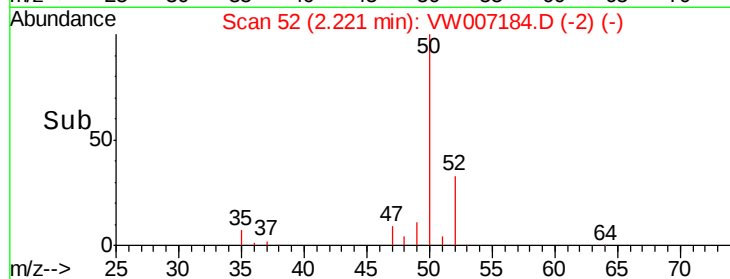
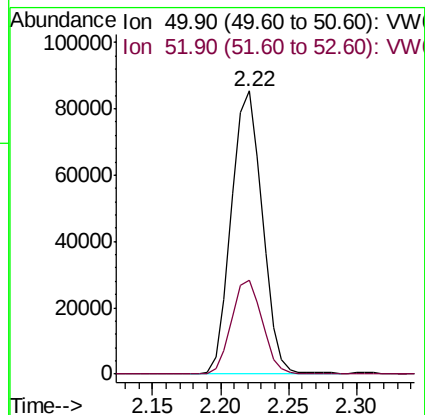
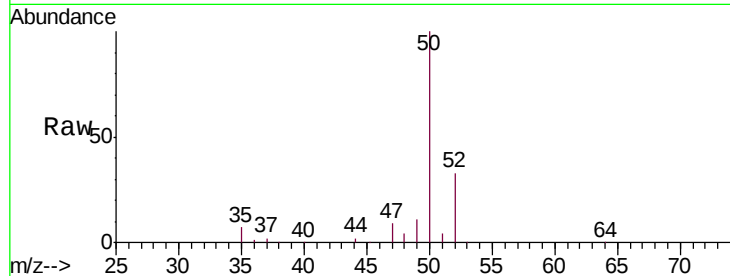
VSTDIC100

Tgt Ion: 50 Resp: 135917

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



#4

Vinyl Chloride

Concen: 91.796 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007184.D

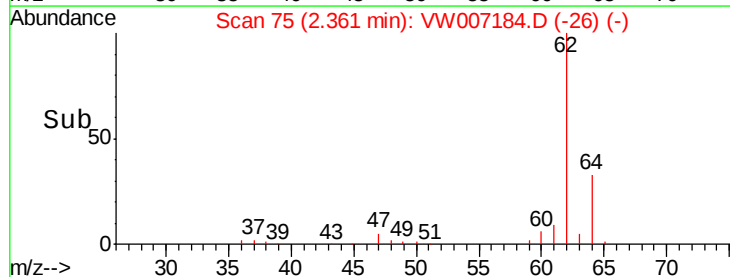
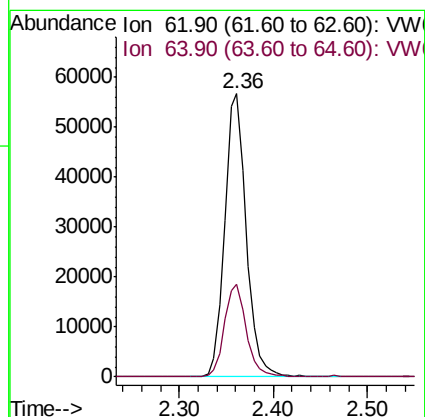
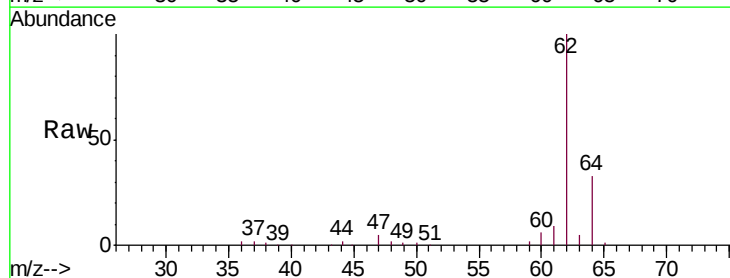
Acq: 04 Dec 2018 13:20

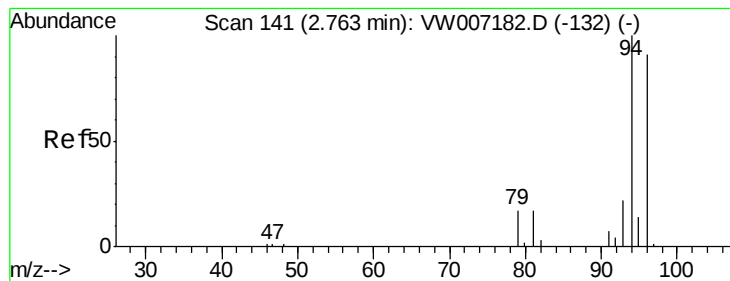
Tgt Ion: 62 Resp: 89666

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 93.031 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

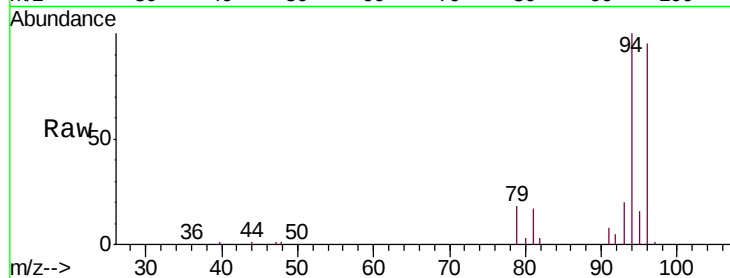
VSTDIC100

Tgt Ion: 94 Resp: 45536

Ion Ratio Lower Upper

94 100

96 94.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.75

25000

20000

15000

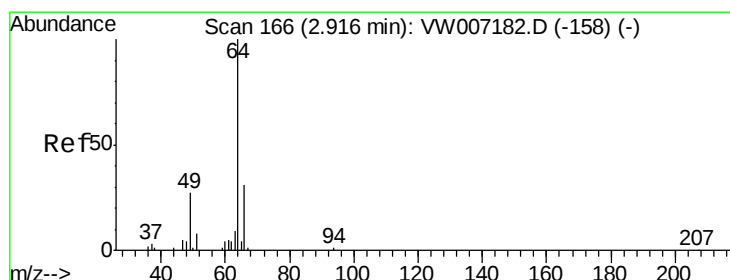
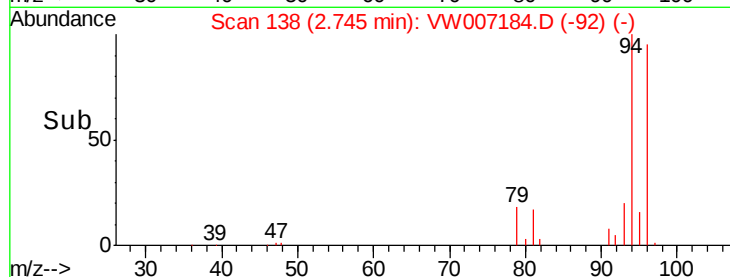
10000

5000

0

Time-->

2.65 2.70 2.75 2.80



#6

Chloroethane

Concen: 93.706 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007184.D

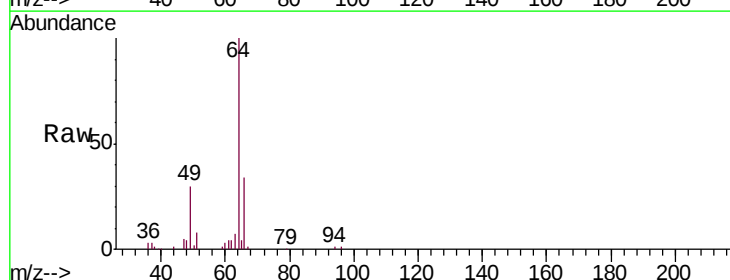
Acq: 04 Dec 2018 13:20

Tgt Ion: 64 Resp: 51357

Ion Ratio Lower Upper

64 100

66 34.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

25000

20000

15000

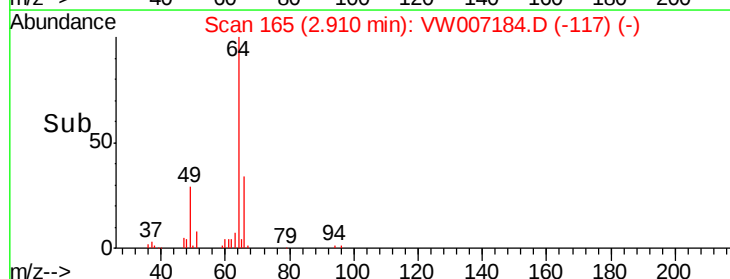
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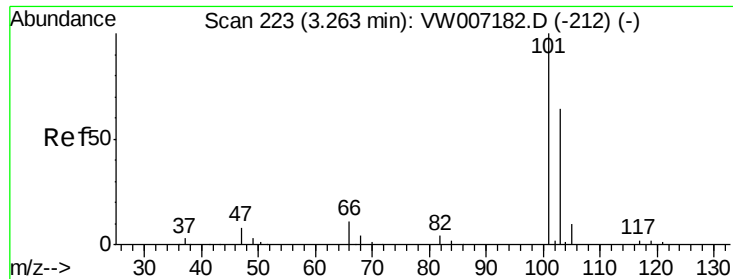
5000

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Time-->

2.80 2.90 3.00



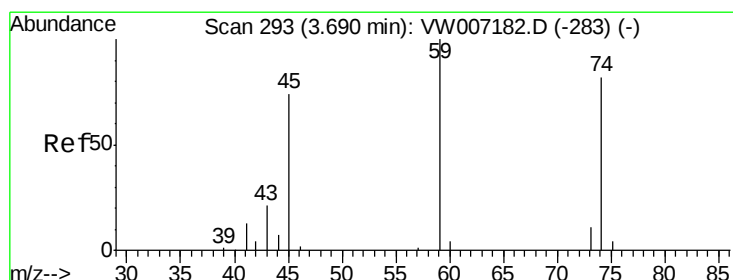
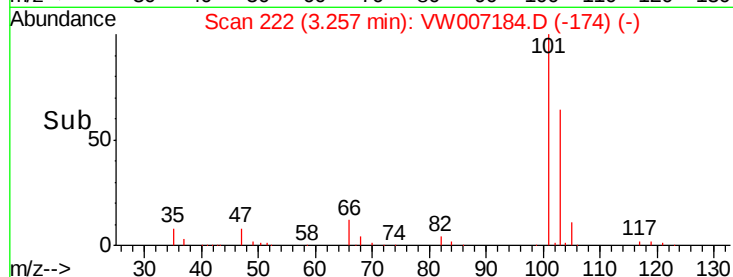
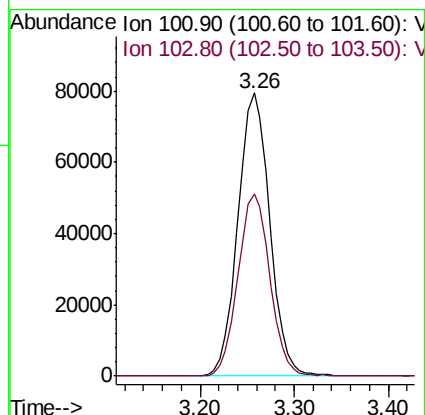
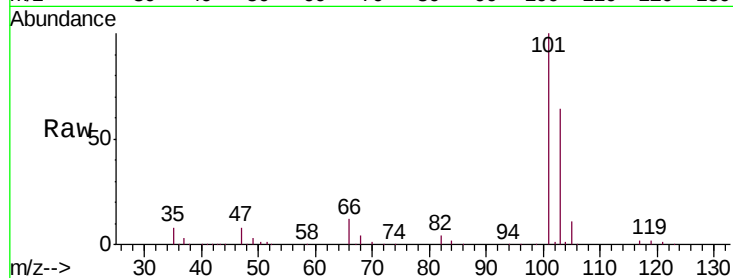


#7

Trichlorofluoromethane
 Concen: 98.718 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

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 VSTDIC100

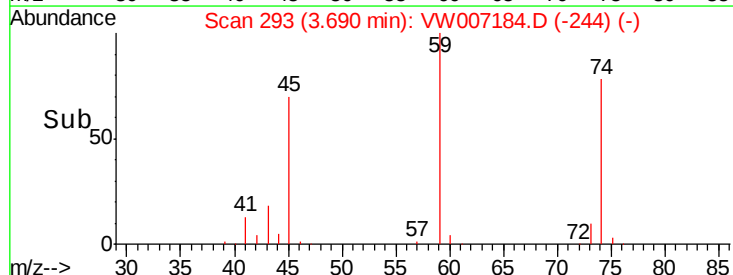
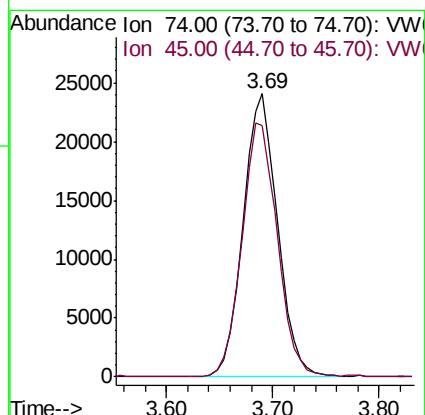
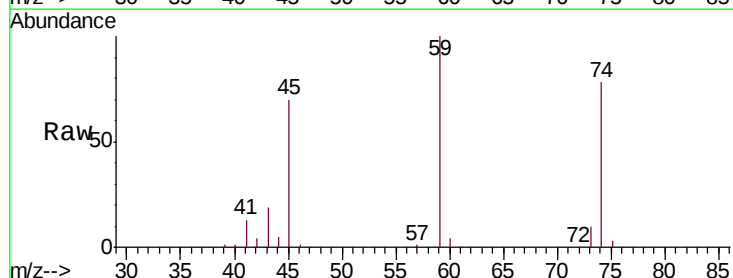
Tgt Ion:101 Resp: 187998
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.9 76.3

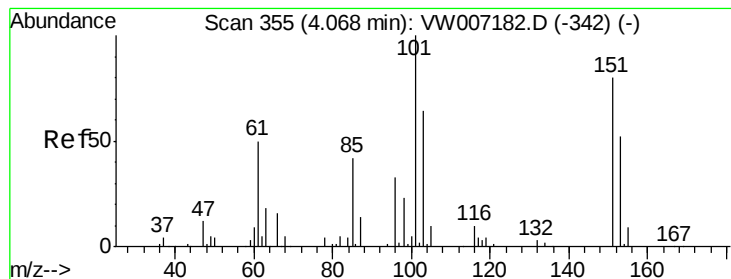


#8

Diethyl Ether
 Concen: 102.834 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion: 74 Resp: 54588
 Ion Ratio Lower Upper
 74 100
 45 92.6 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.045 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

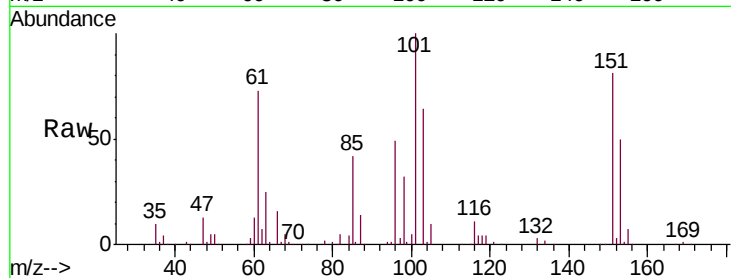
Tgt Ion:101 Resp: 111642

Ion Ratio Lower Upper

101 100

85 42.5 33.4 50.2

151 81.7 63.9 95.9

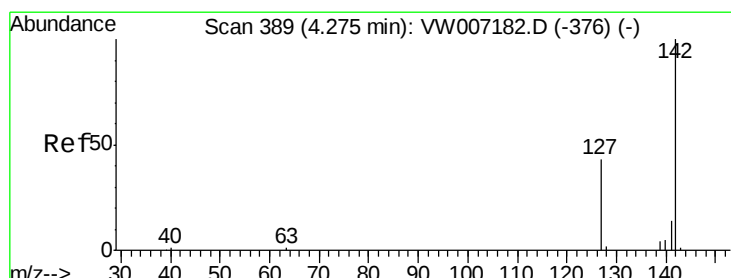
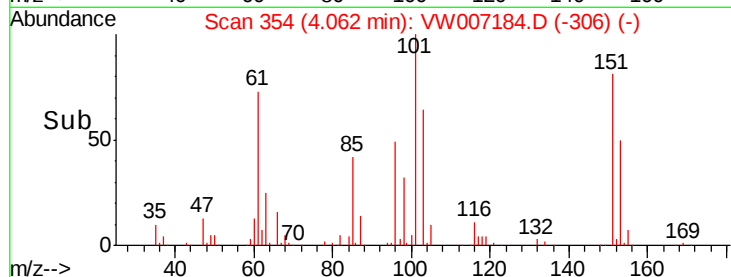
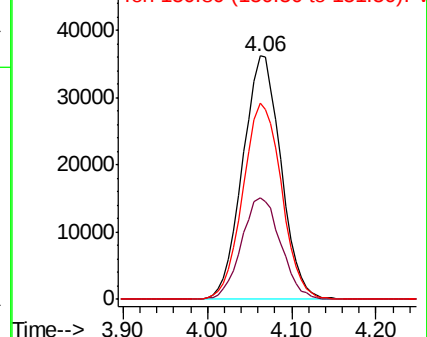


Abundance

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: 107.906 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

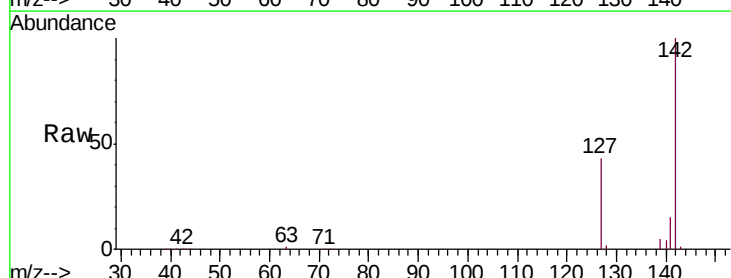
Tgt Ion:142 Resp: 105748

Ion Ratio Lower Upper

142 100

127 42.8 34.9 52.3

141 14.8 11.7 17.5

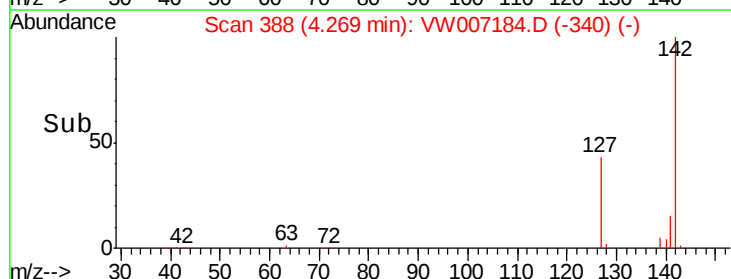
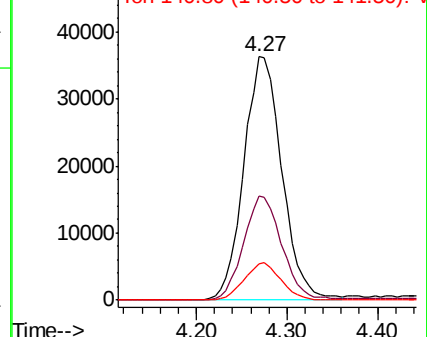


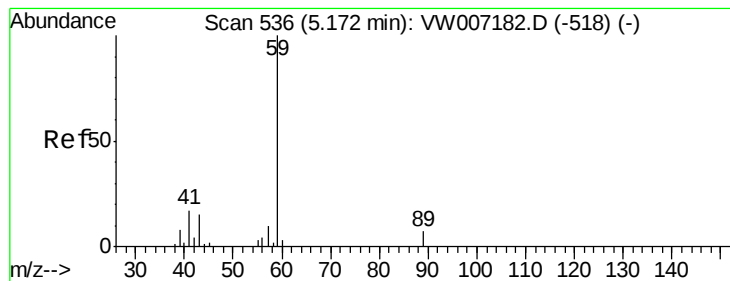
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



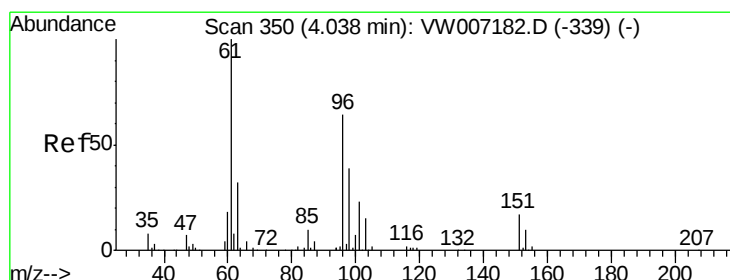
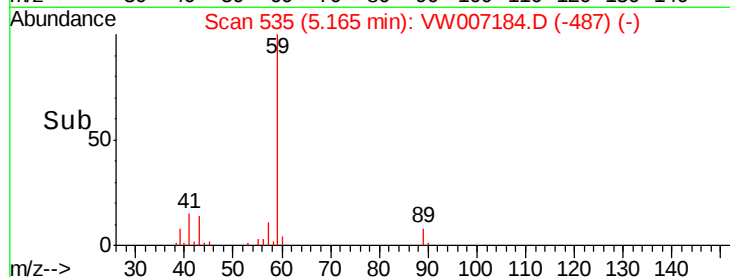
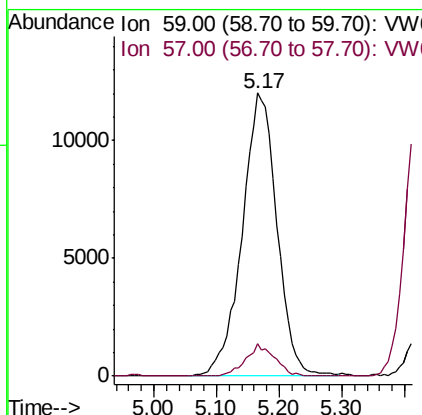
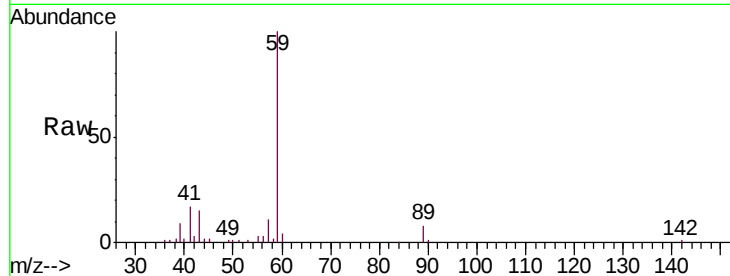


#11

Tert butyl alcohol
 Concen: 376.934 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

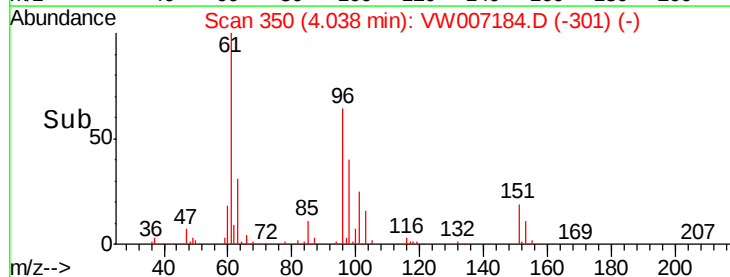
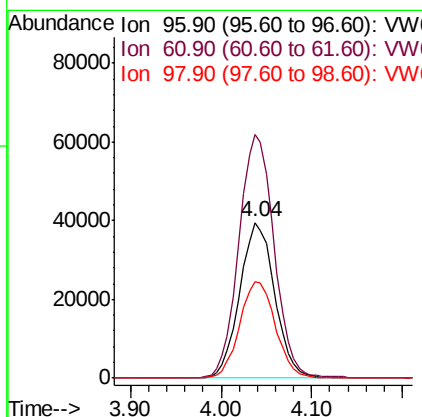
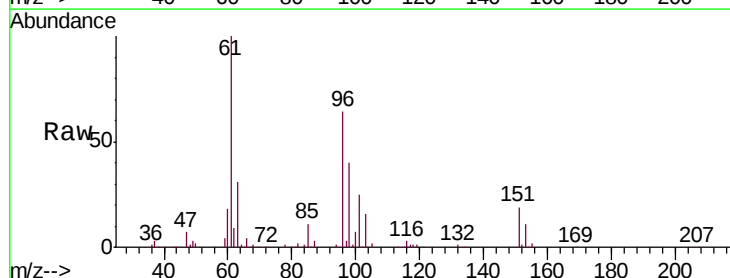
Tgt Ion: 59 Resp: 46120
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.1 10.7

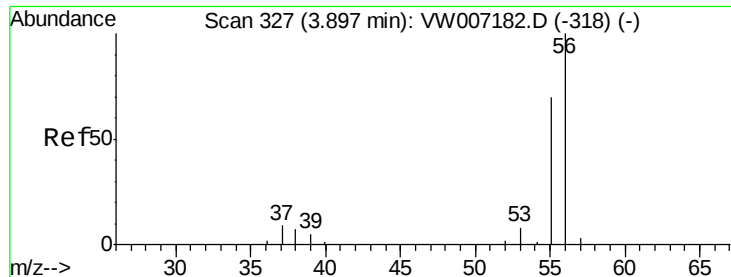


#12

1,1-Dichloroethene
 Concen: 97.929 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion: 96 Resp: 105577
 Ion Ratio Lower Upper
 96 100
 61 156.4 124.1 186.1
 98 62.1 48.6 72.8





#13

Acrolein

Concen: 506.529 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

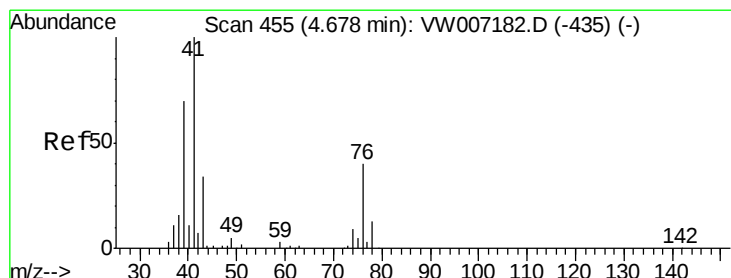
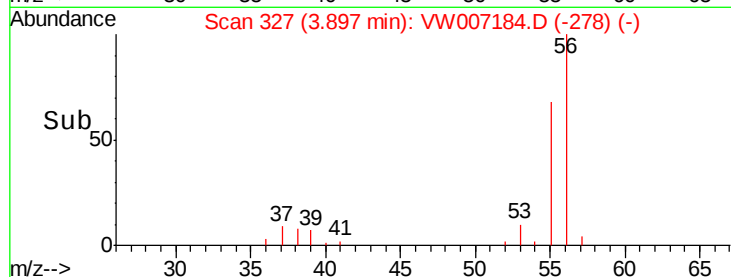
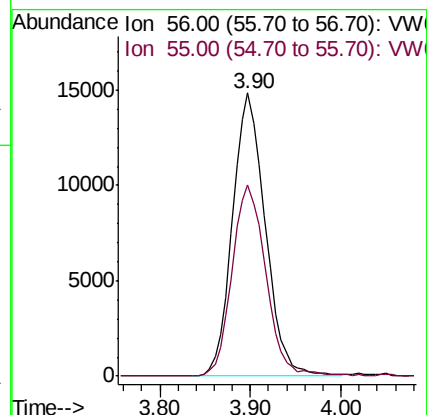
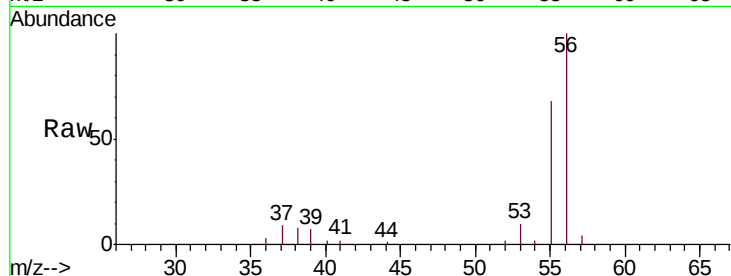
VSTDIC100

Tgt Ion: 56 Resp: 37208

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 98.978 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

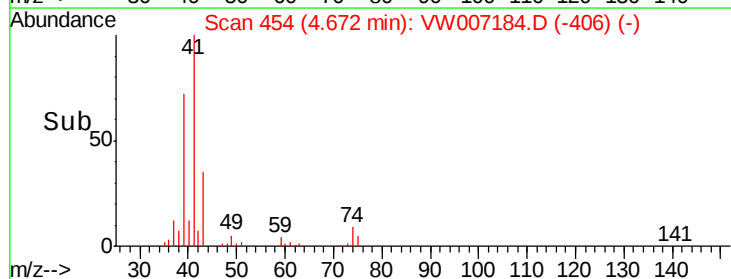
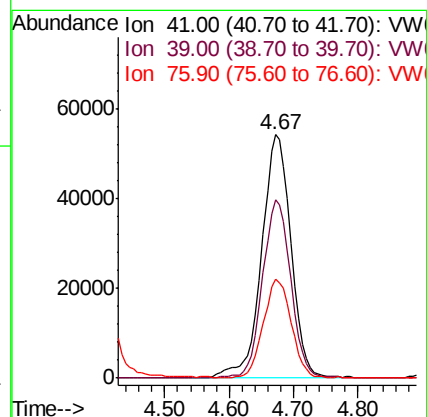
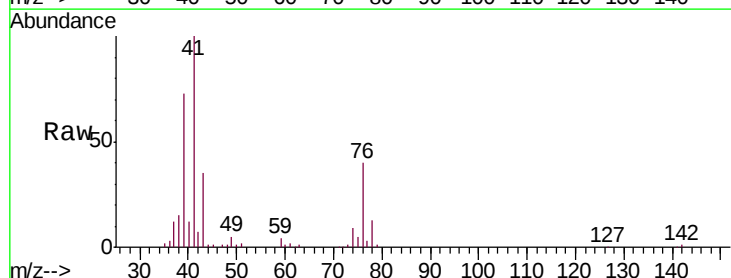
Tgt Ion: 41 Resp: 171044

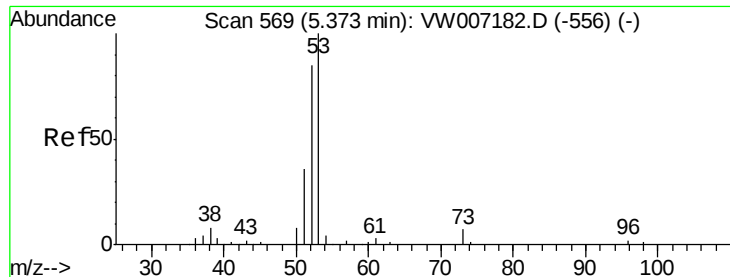
Ion Ratio Lower Upper

41 100

39 70.6 55.9 83.9

76 39.0 30.8 46.2





#15

Acrylonitrile

Concen: 524.741 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

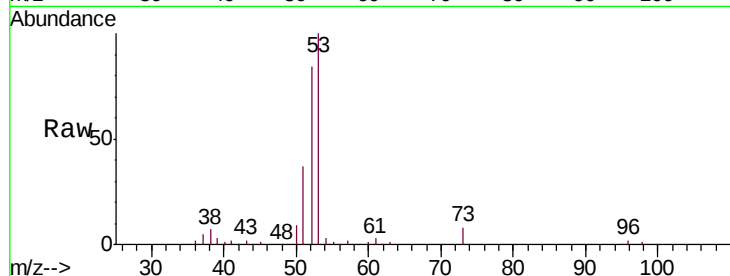
Tgt Ion: 53 Resp: 116448

Ion Ratio Lower Upper

53 100

52 81.0 66.1 99.1

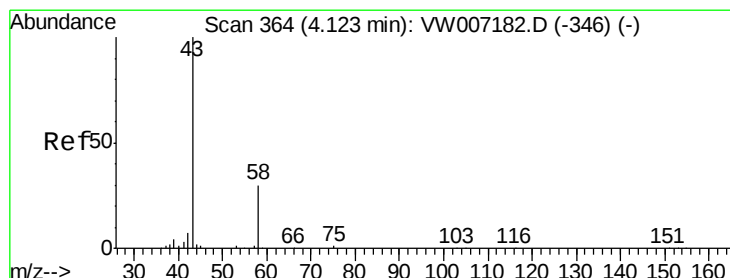
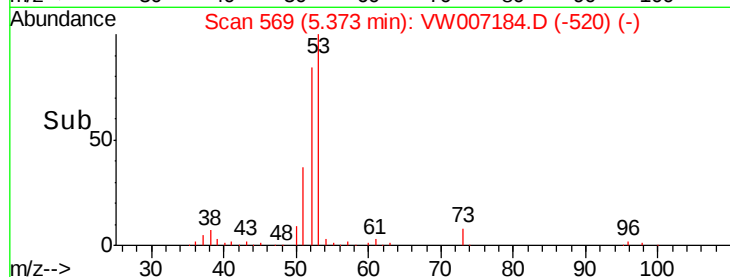
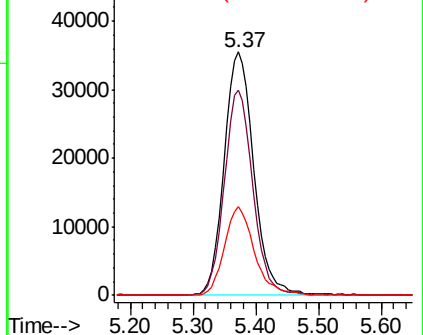
51 36.7 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 521.979 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007184.D

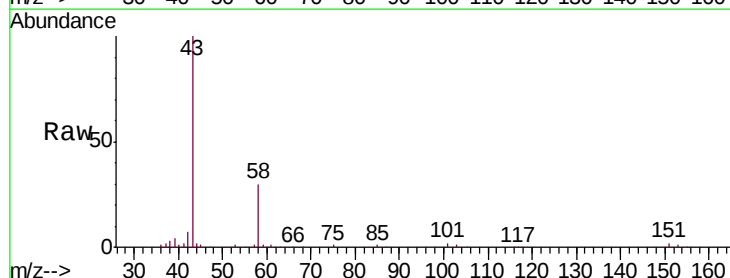
Acq: 04 Dec 2018 13:20

Tgt Ion: 43 Resp: 129544

Ion Ratio Lower Upper

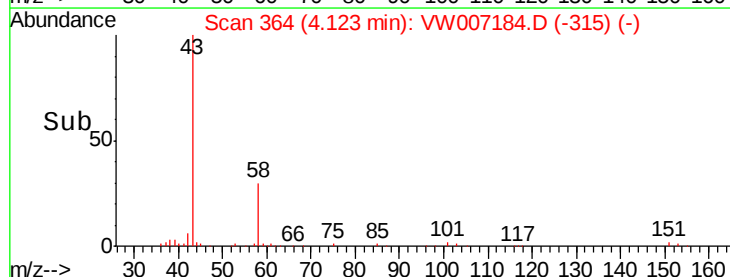
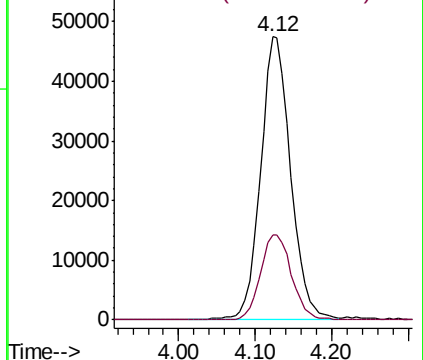
43 100

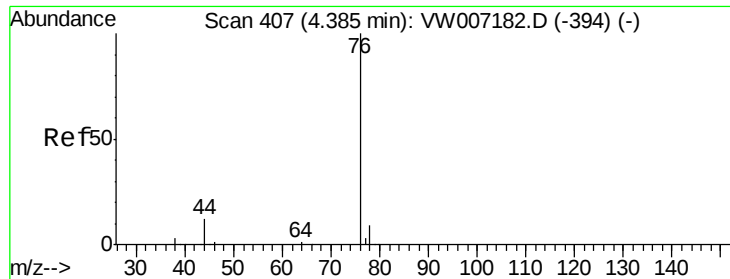
58 30.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

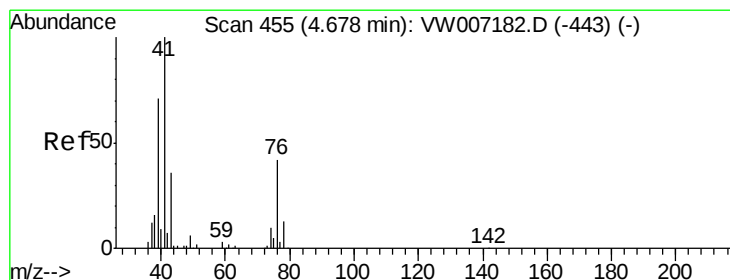
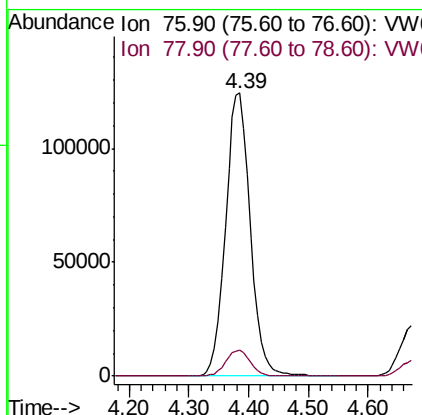
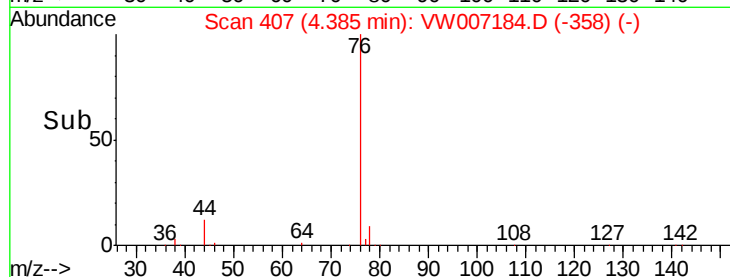
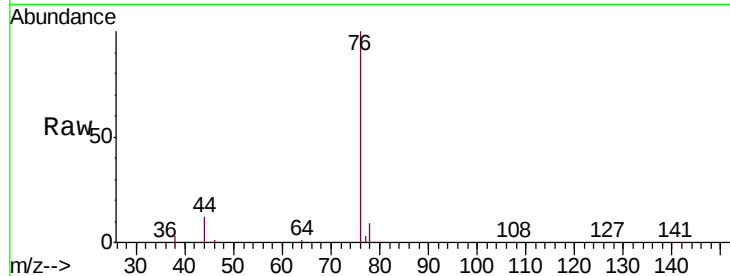




#17
Carbon Disulfide
Concen: 100.548 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

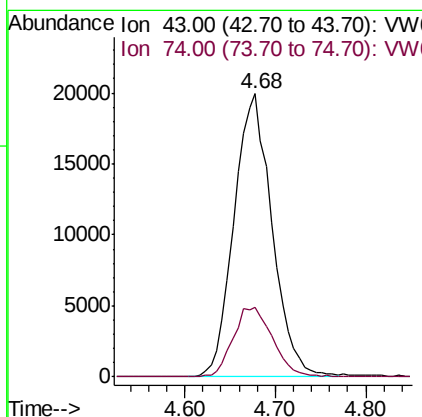
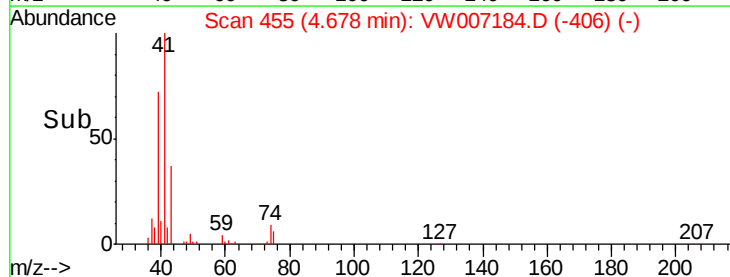
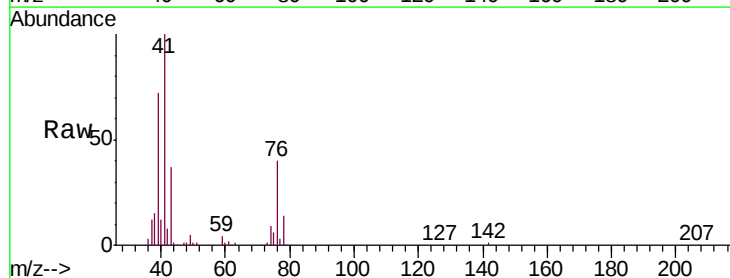
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

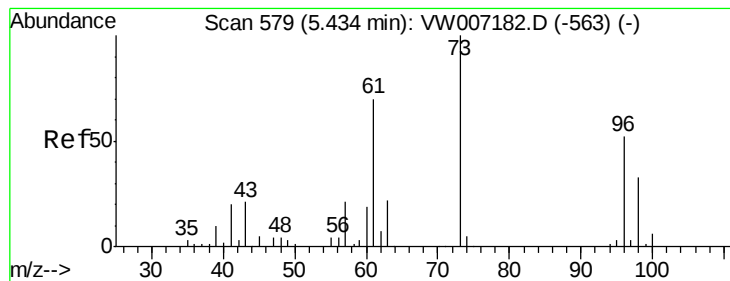
Tgt Ion: 76 Resp: 357320
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 102.646 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion: 43 Resp: 58148
Ion Ratio Lower Upper
43 100
74 25.6 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 101.973 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

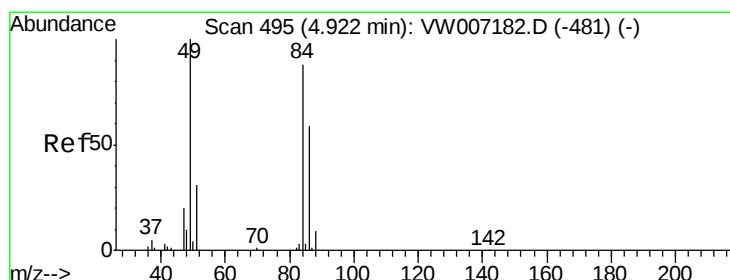
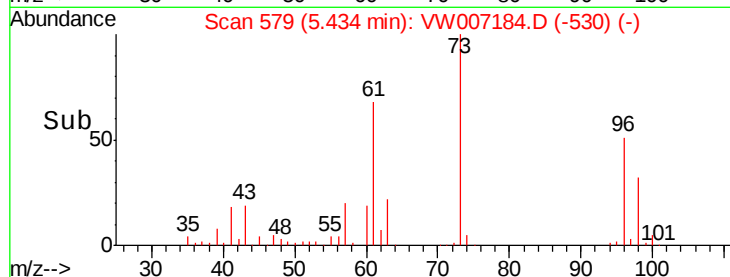
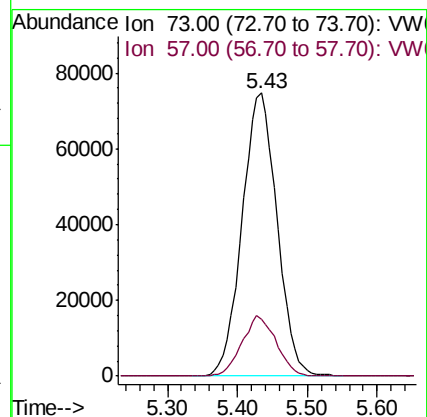
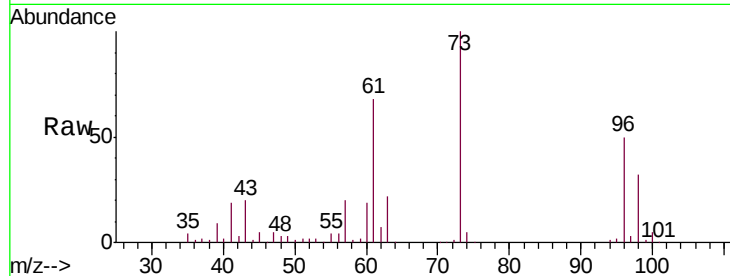
VSTDIC100

Tgt Ion: 73 Resp: 258839

Ion Ratio Lower Upper

73 100

57 20.1 16.6 25.0



#20

Methylene Chloride

Concen: 79.788 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Tgt Ion: 84 Resp: 117754

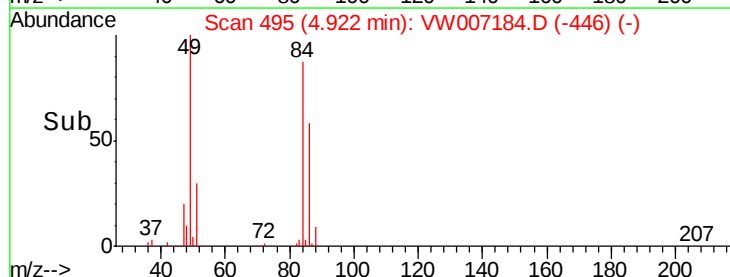
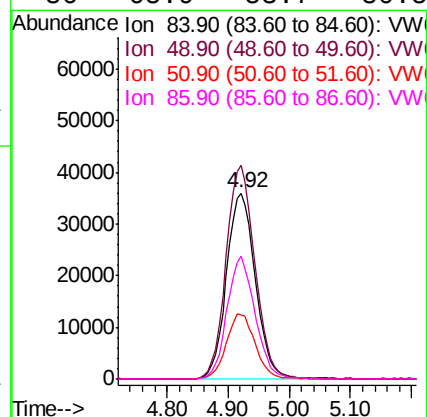
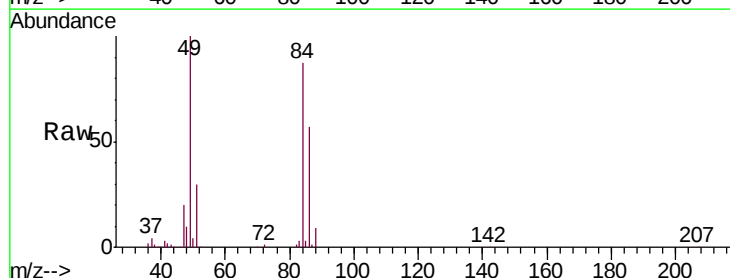
Ion Ratio Lower Upper

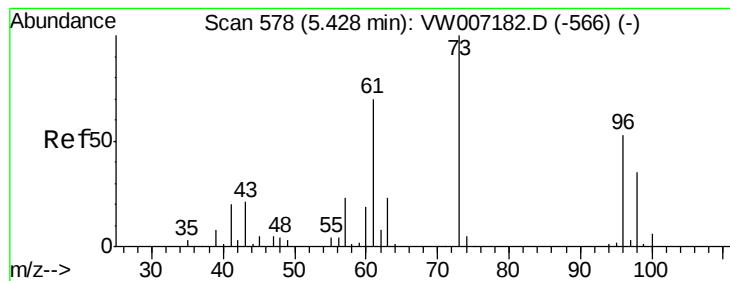
84 100

49 114.6 90.6 135.8

51 34.5 27.6 41.4

86 65.9 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 100.442 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

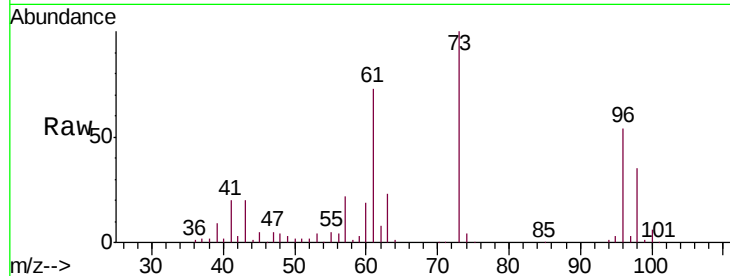
Tgt Ion: 96 Resp: 120912

Ion Ratio Lower Upper

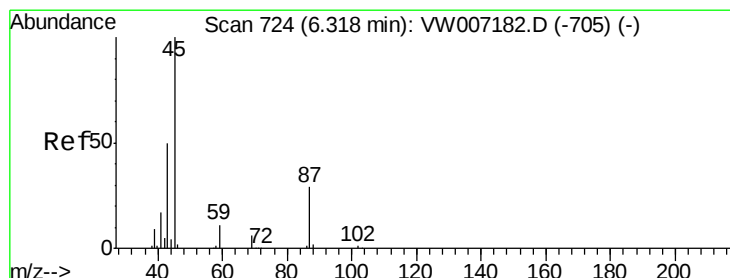
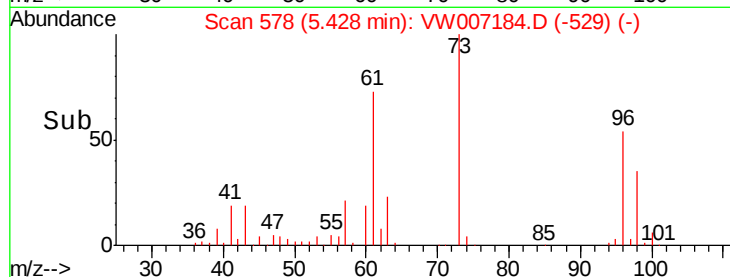
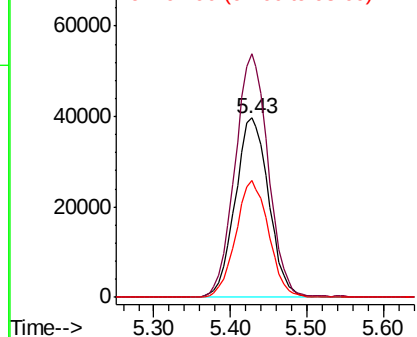
96 100

61 135.7 105.5 158.3

98 65.2 52.6 79.0



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



#22

Diisopropyl ether

Concen: 96.988 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.01 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Tgt Ion: 45 Resp: 300879

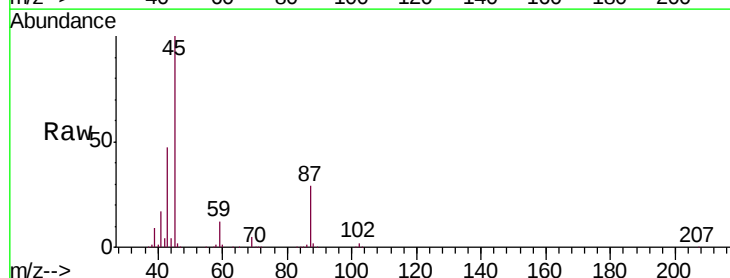
Ion Ratio Lower Upper

45 100

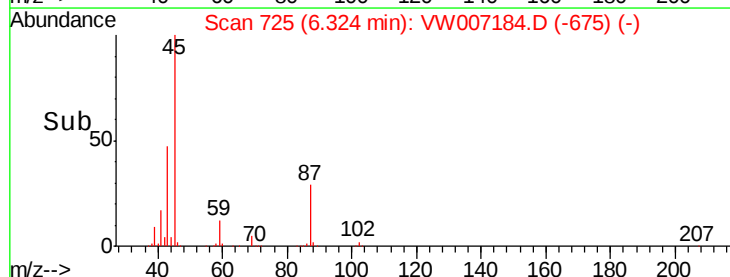
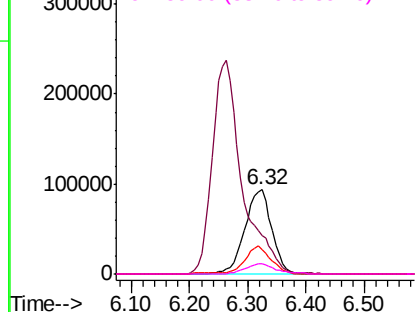
43 45.9 40.8 61.2

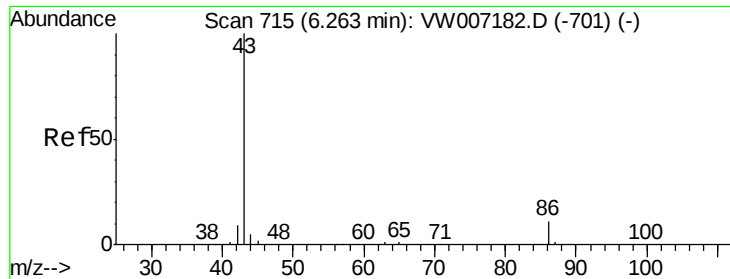
87 29.2 24.0 36.0

59 11.8 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

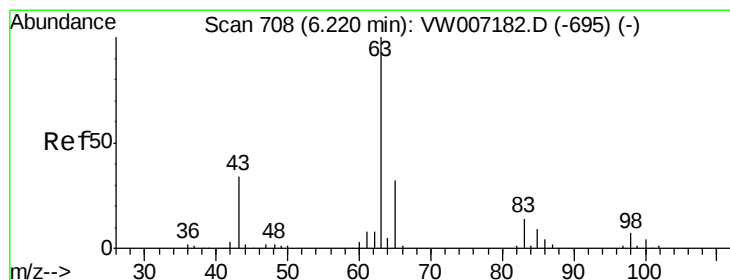
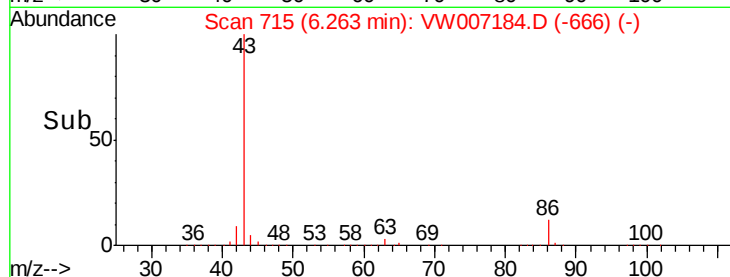
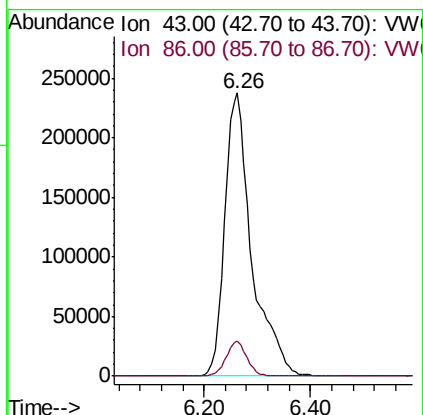
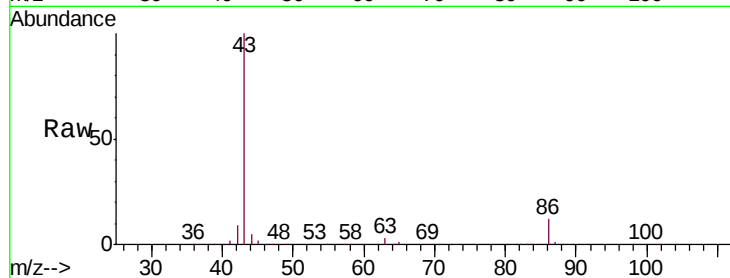




#23
 Vinyl Acetate
 Concen: 497.155 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

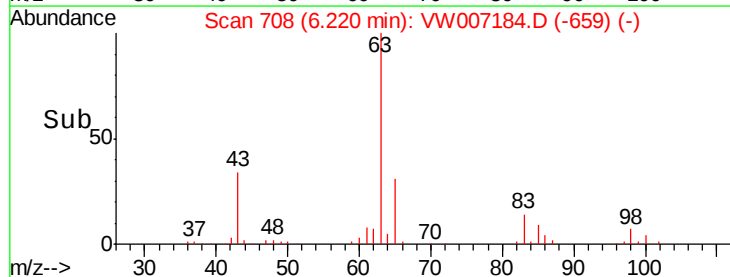
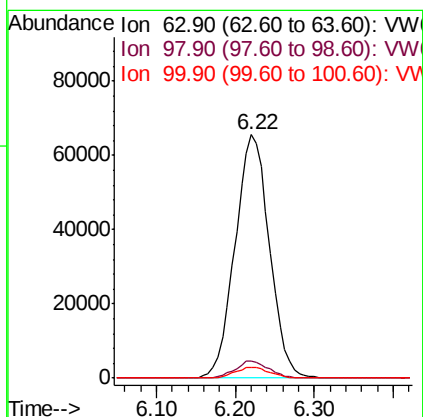
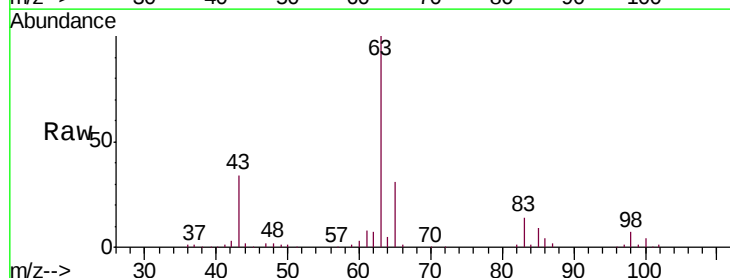
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

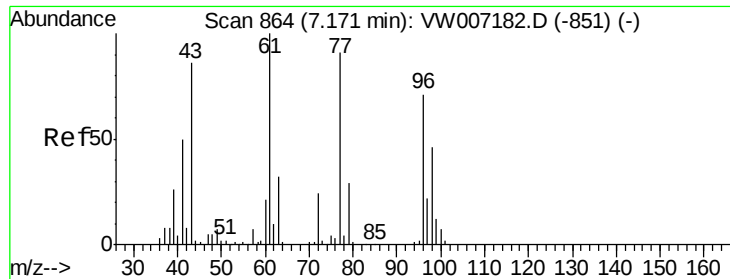
Tgt Ion: 43 Resp: 841540
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 99.952 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion: 63 Resp: 198738
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 507.391 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

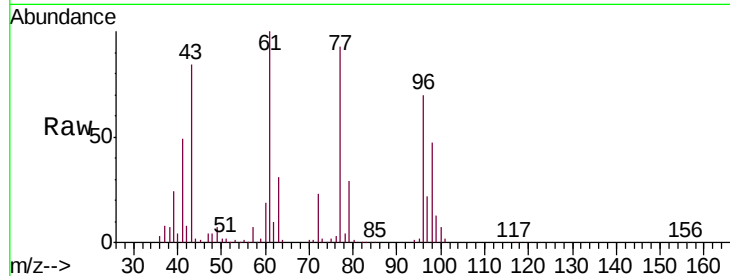
VSTDIC100

Tgt Ion: 43 Resp: 145971

Ion Ratio Lower Upper

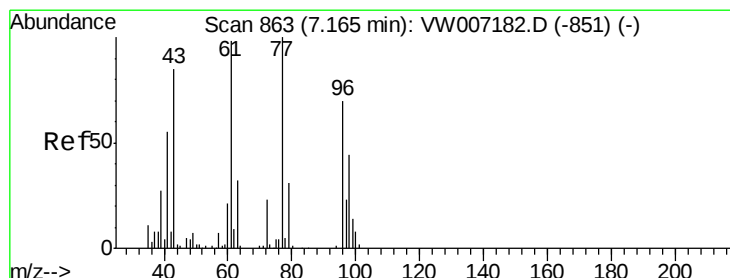
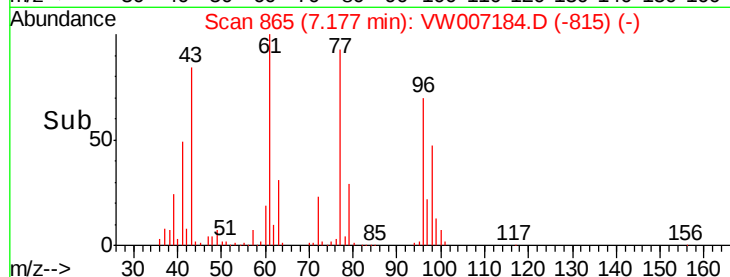
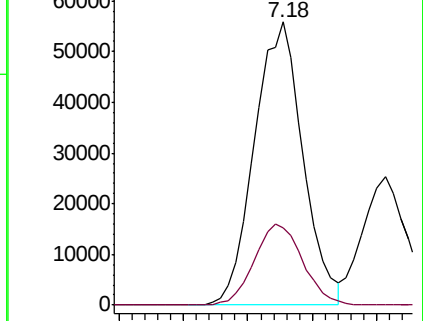
43 100

72 27.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 96.281 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007184.D

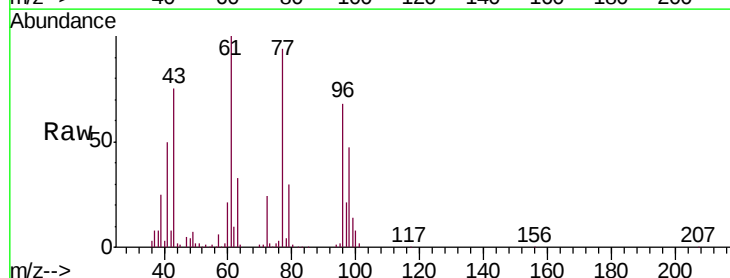
Acq: 04 Dec 2018 13:20

Tgt Ion: 77 Resp: 183969

Ion Ratio Lower Upper

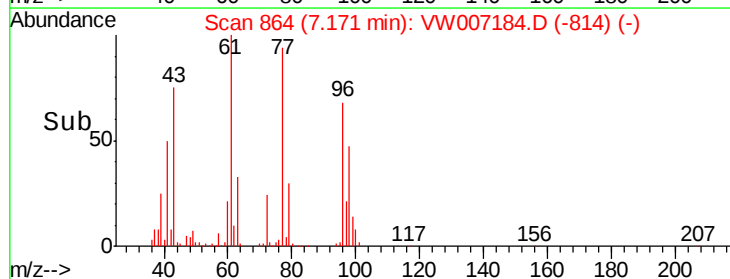
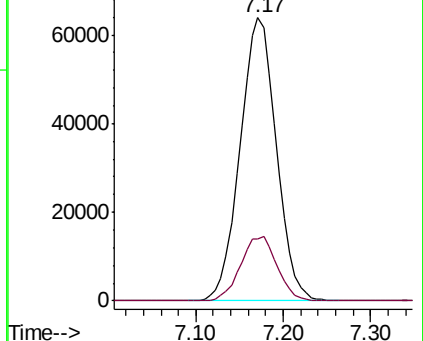
77 100

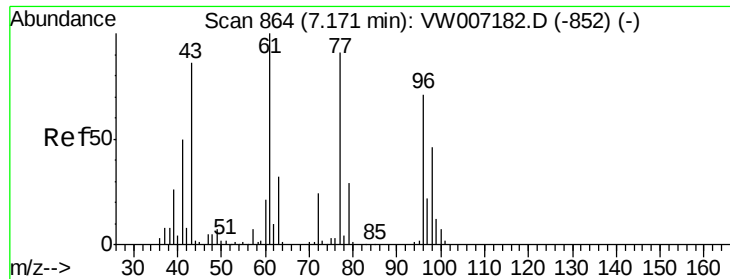
97 23.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



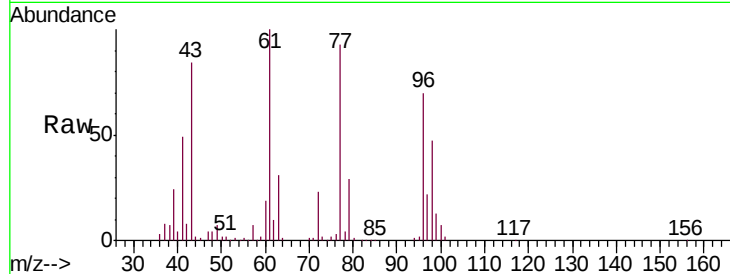


#27

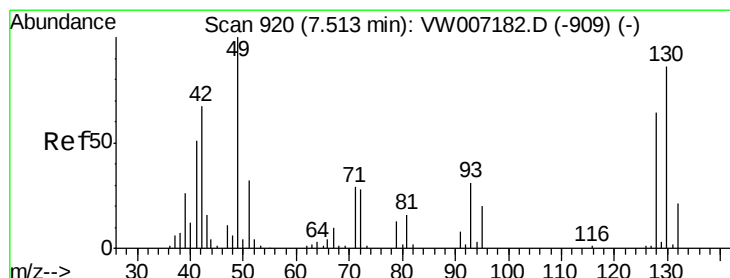
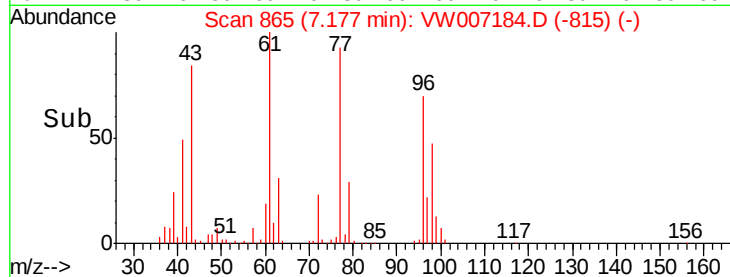
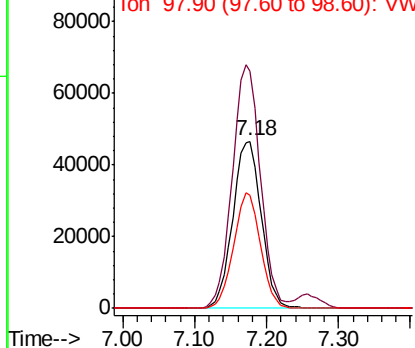
cis-1,2-Dichloroethene
Concen: 99.625 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 128564
Ion Ratio Lower Upper
96 100
61 142.9 0.0 282.4
98 65.3 0.0 129.8



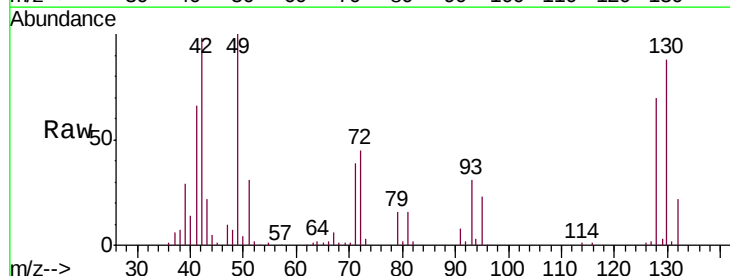
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



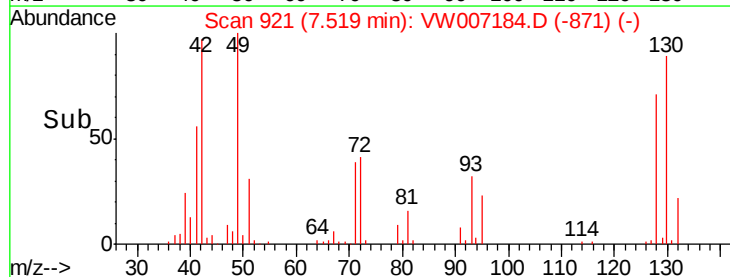
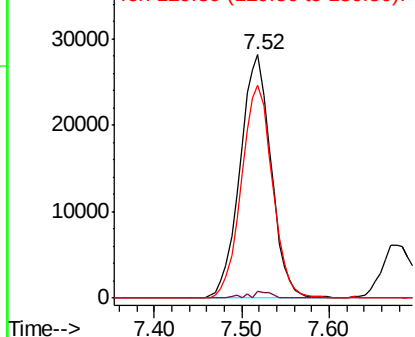
#28

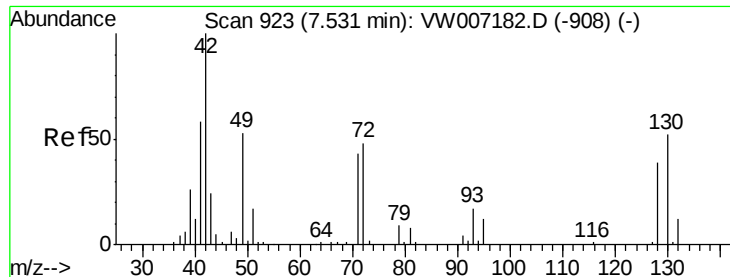
Bromochloromethane
Concen: 96.914 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion: 49 Resp: 69483
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 87.3 70.3 105.5



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

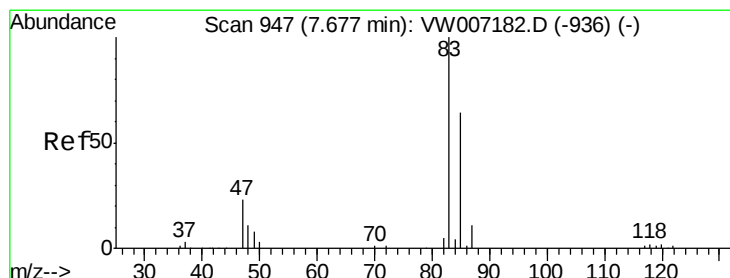
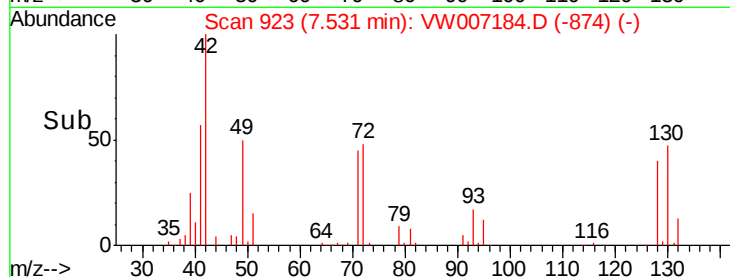
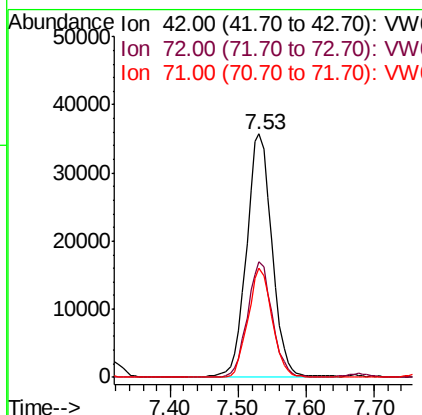
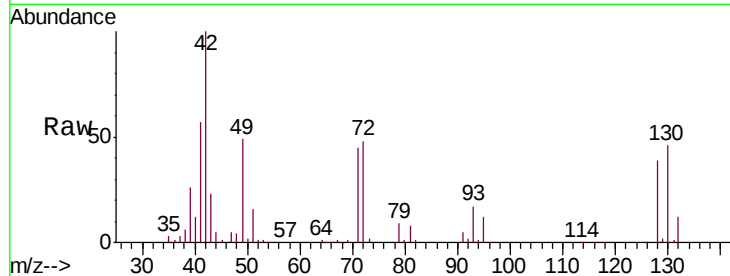




#29
Tetrahydrofuran
Concen: 525.527 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

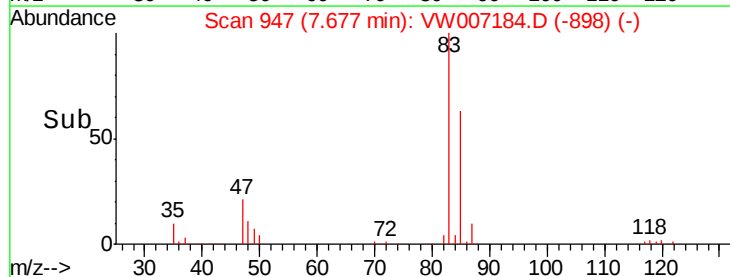
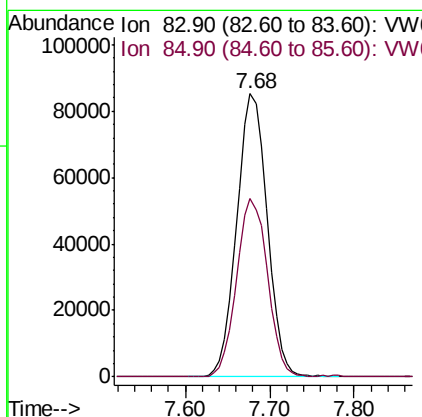
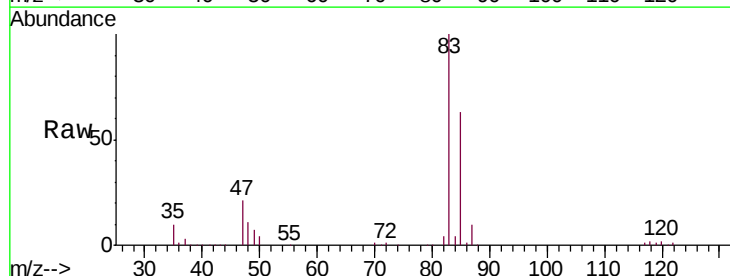
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

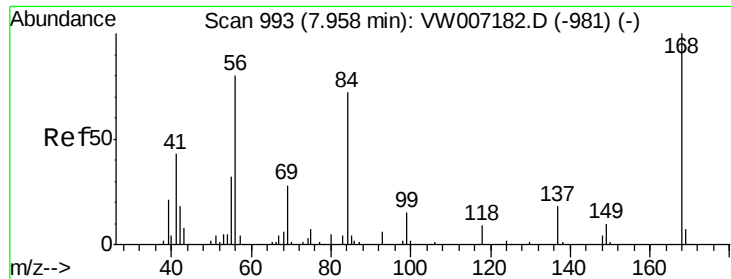
Tgt Ion: 42 Resp: 93428
Ion Ratio Lower Upper
42 100
72 45.9 36.6 55.0
71 42.6 34.8 52.2



#30
Chloroform
Concen: 100.766 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion: 83 Resp: 208226
Ion Ratio Lower Upper
83 100
85 63.1 51.5 77.3

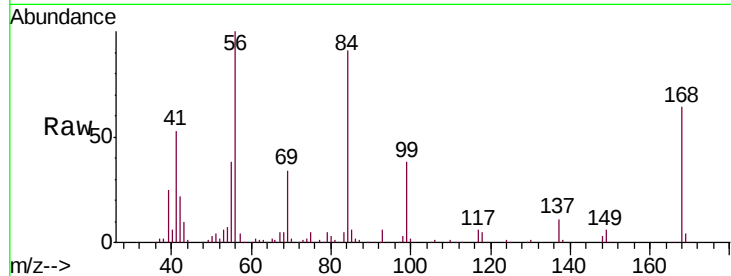




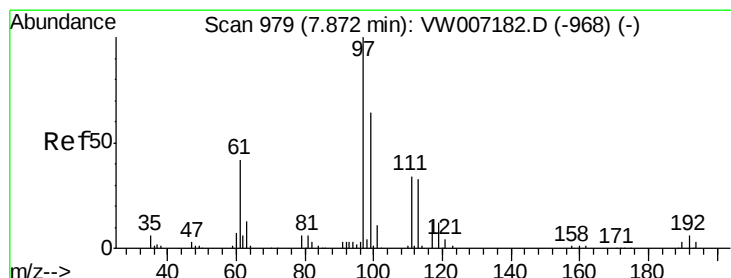
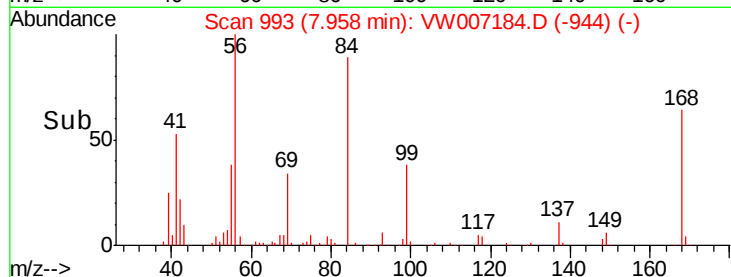
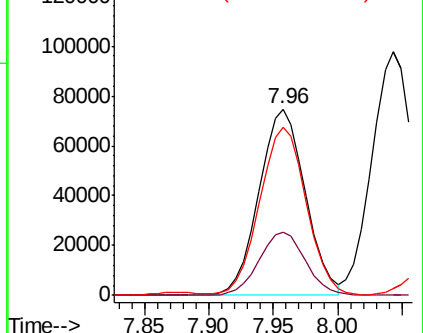
#31
Cyclohexane
Concen: 89.147 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 185459
Ion Ratio Lower Upper
56 100
69 34.0 28.2 42.2
84 89.3 72.1 108.1

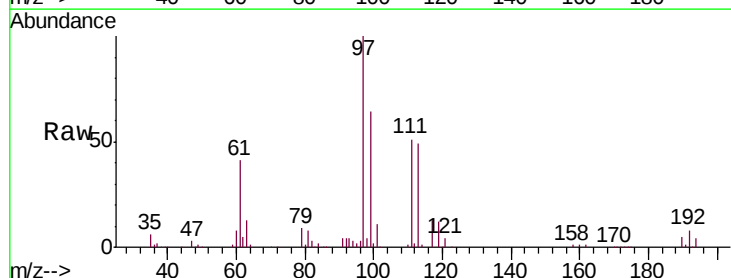


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

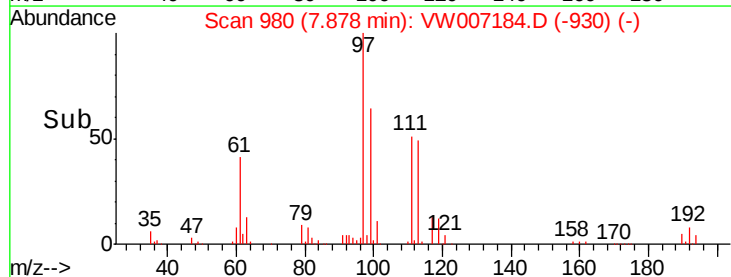
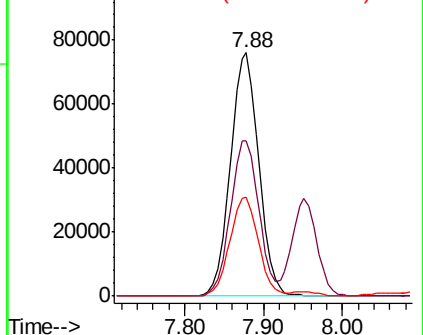


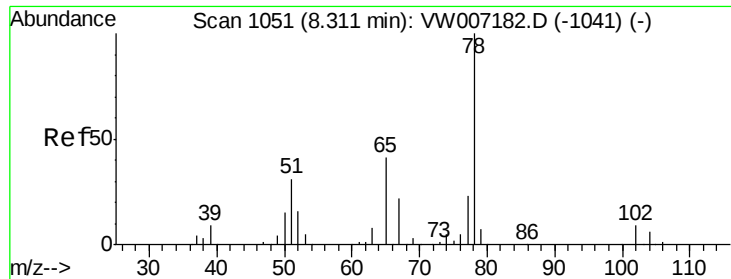
#32
1,1,1-Trichloroethane
Concen: 97.465 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion: 97 Resp: 189537
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 41.0 33.2 49.8



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

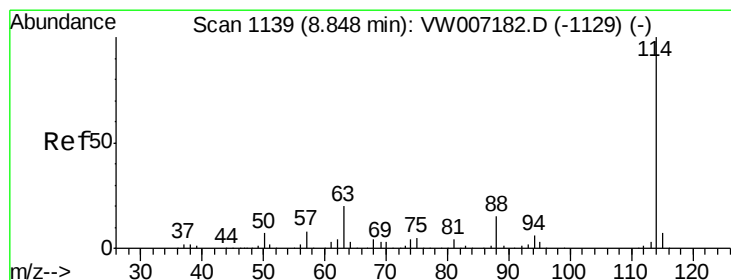
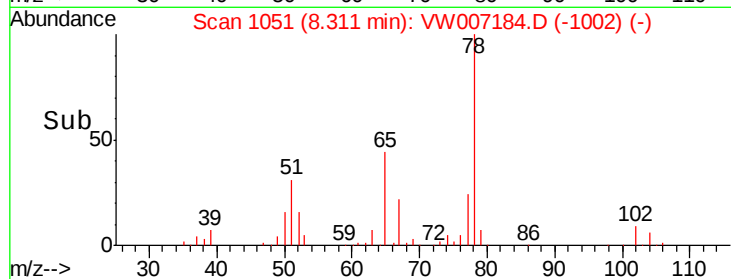
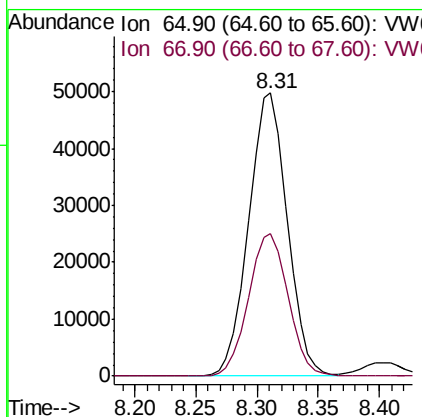
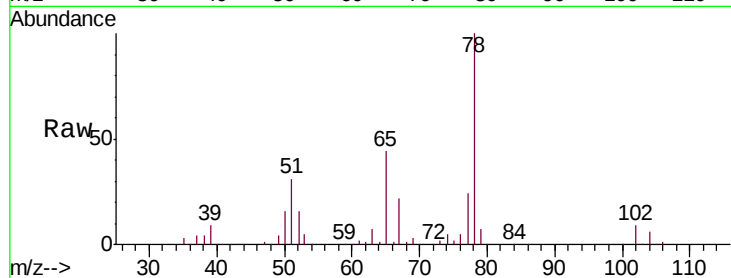




#33
 1,2-Dichloroethane-d4
 Concen: 104.538 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

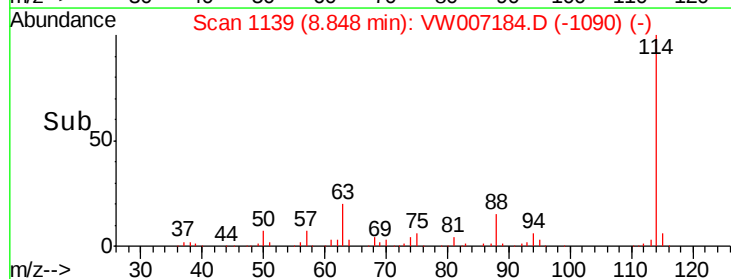
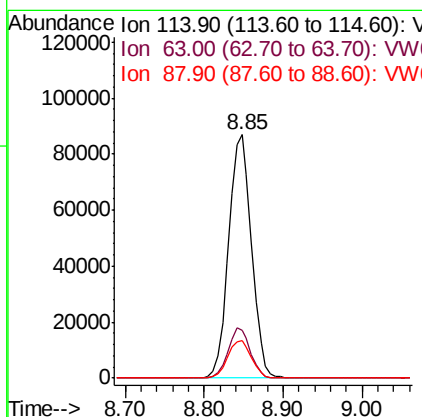
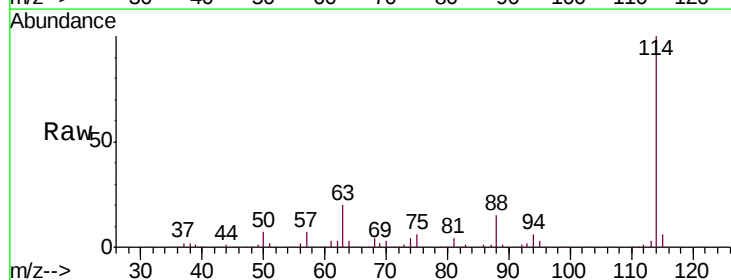
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

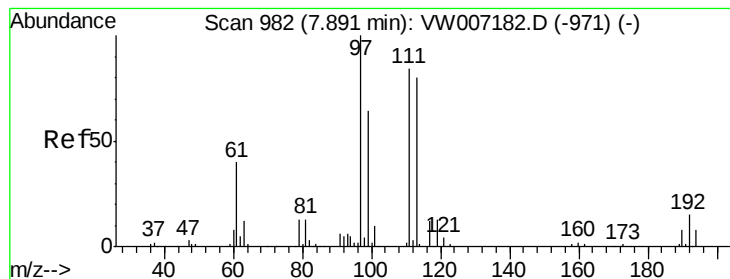
Tgt Ion: 65 Resp: 109592
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion: 114 Resp: 174986
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.2
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 106.349 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

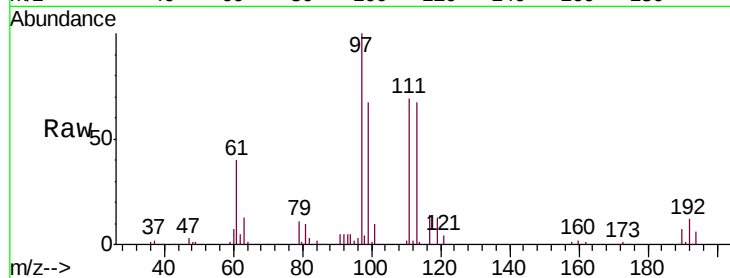
Tgt Ion:113 Resp: 106558

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

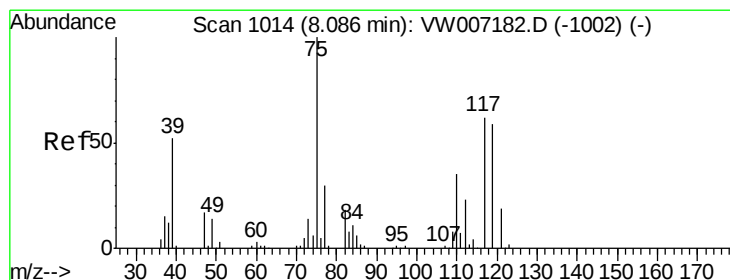
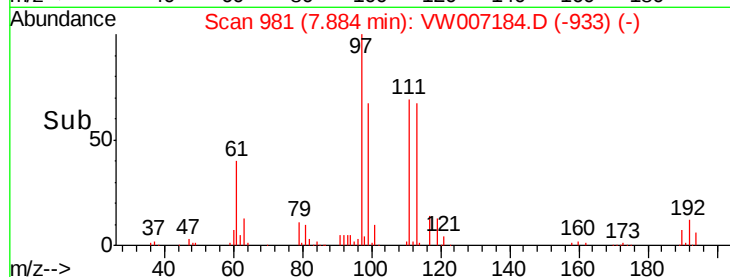
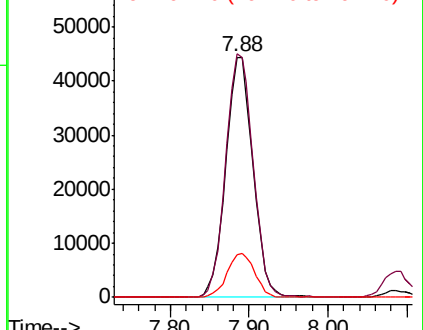
192 18.5 14.4 21.6



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: 96.459 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

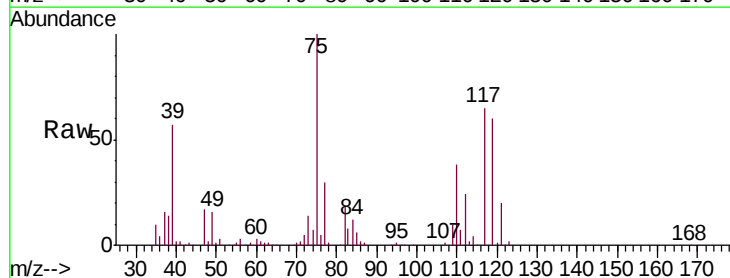
Tgt Ion: 75 Resp: 164236

Ion Ratio Lower Upper

75 100

110 37.0 18.3 54.9

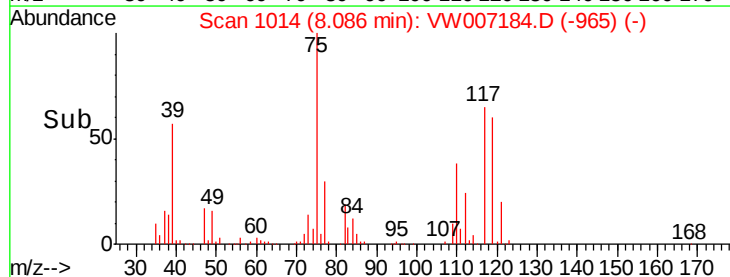
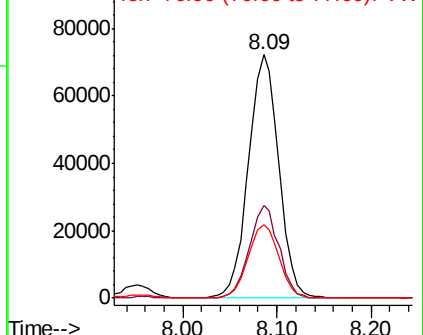
77 30.9 24.9 37.3

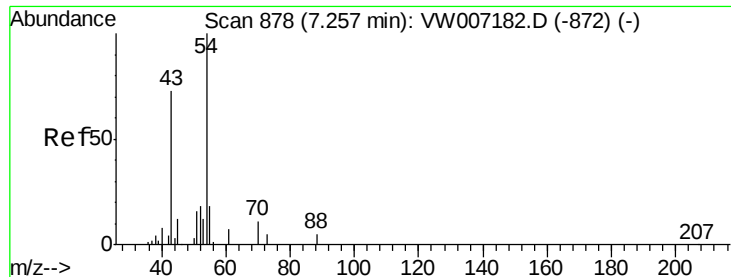


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

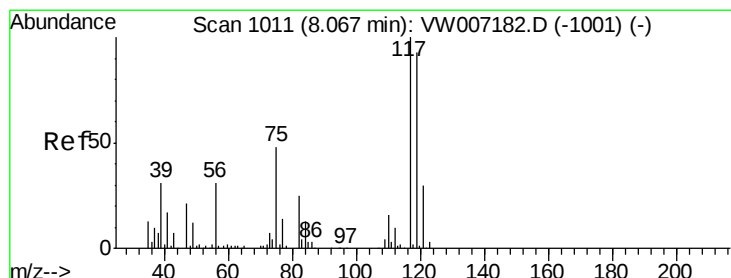
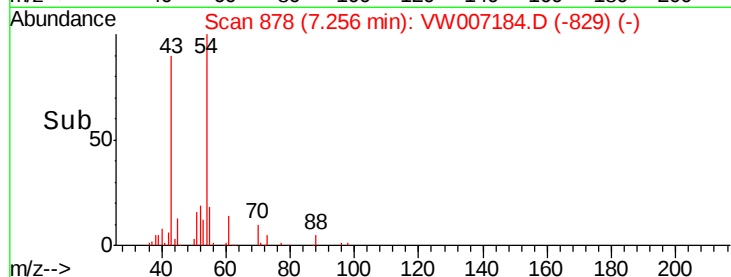
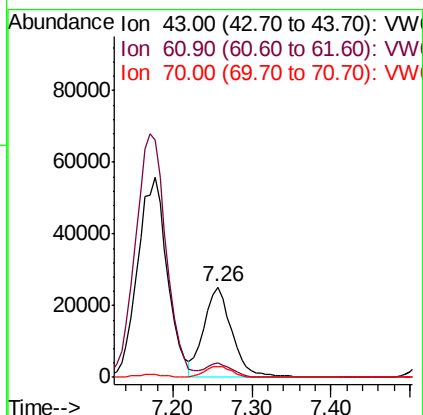
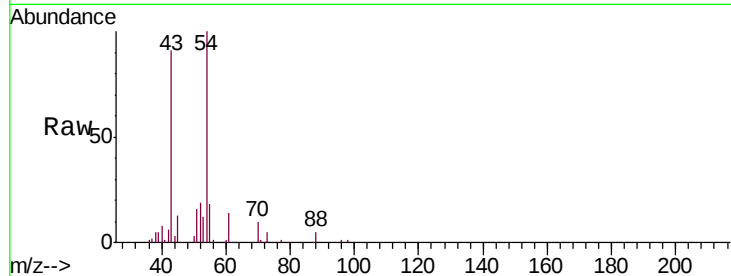




#37
Ethyl Acetate
Concen: 101.424 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

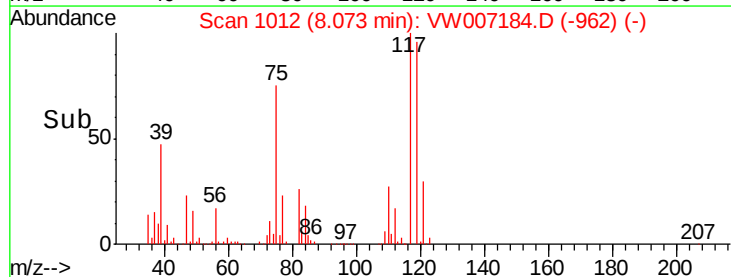
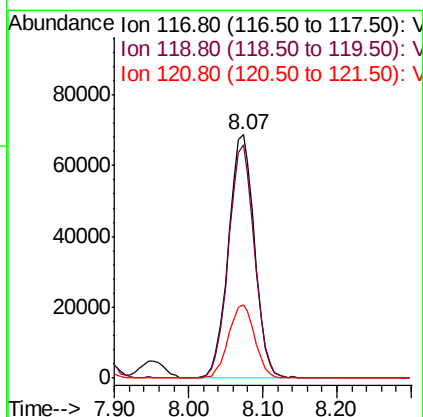
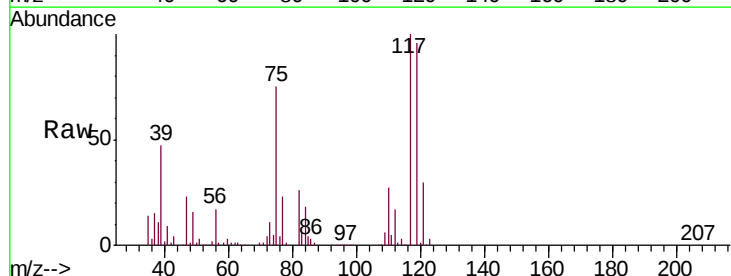
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

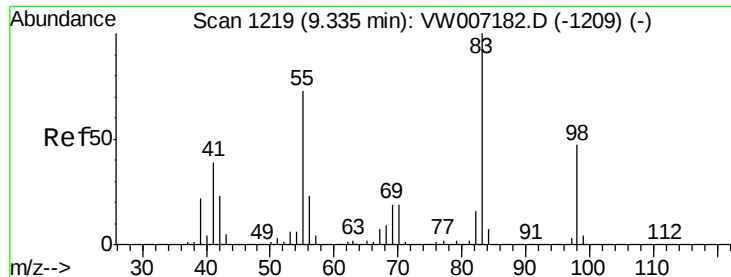
Tgt Ion: 43 Resp: 62466
Ion Ratio Lower Upper
43 100
61 14.2 12.1 18.1
70 12.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 97.100 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion: 117 Resp: 168745
Ion Ratio Lower Upper
117 100
119 96.1 74.1 111.1
121 29.9 23.9 35.9

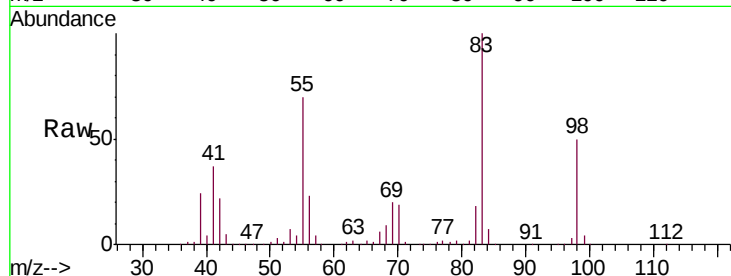




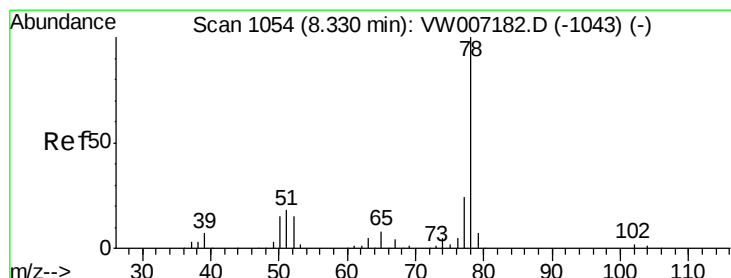
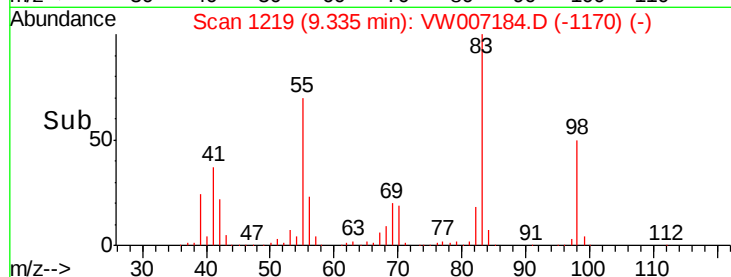
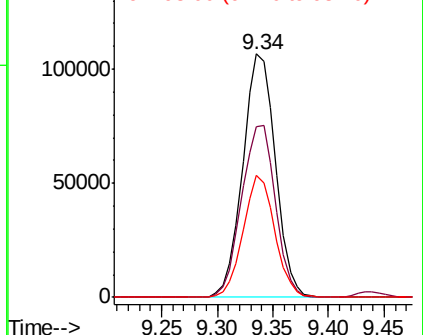
#39
Methylcyclohexane
Concen: 95.763 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 218271
Ion Ratio Lower Upper
83 100
55 70.3 58.1 87.1
98 50.2 37.3 55.9

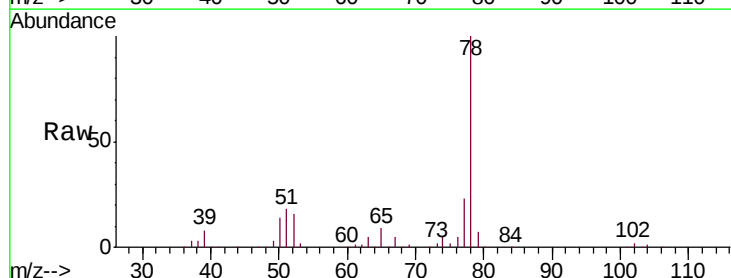


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

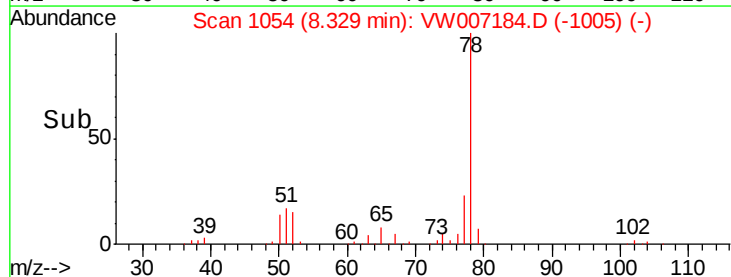
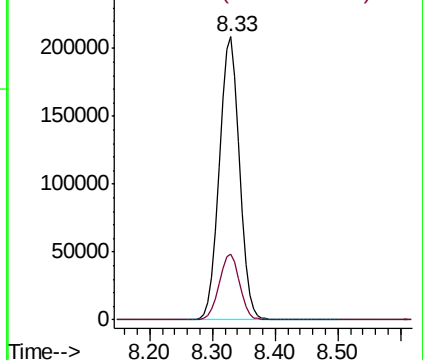


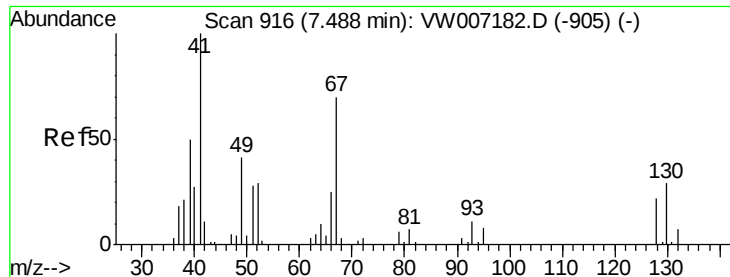
#40
Benzene
Concen: 99.419 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion: 78 Resp: 464174
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



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

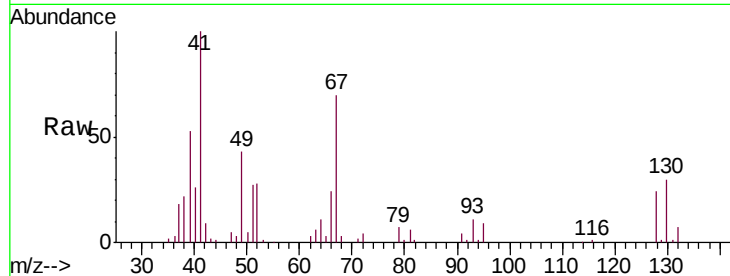




#41
Methacrylonitrile
Concen: 96.825 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	35719
Ion	Ratio	Lower	Upper
41	100		
39	61.3	43.4	65.0
67	80.0	57.4	86.0
52	32.6	23.3	34.9



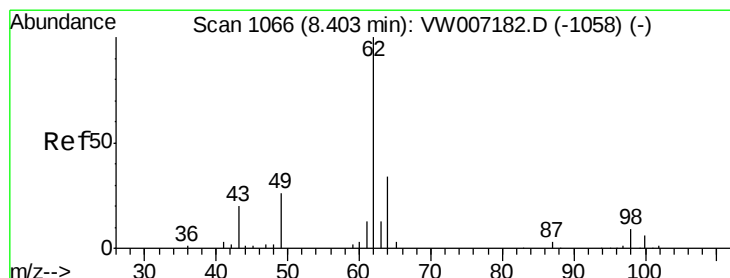
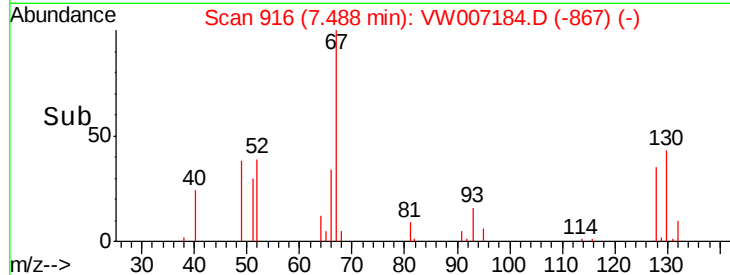
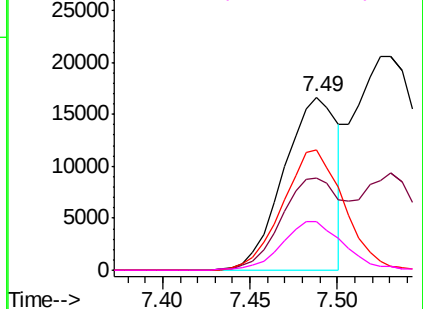
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

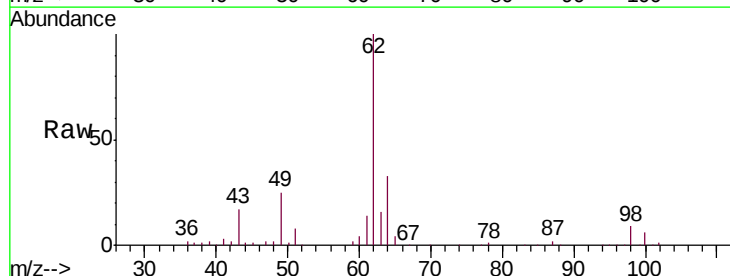
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 100.501 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

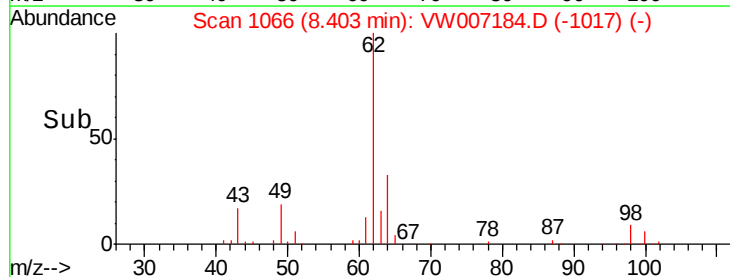
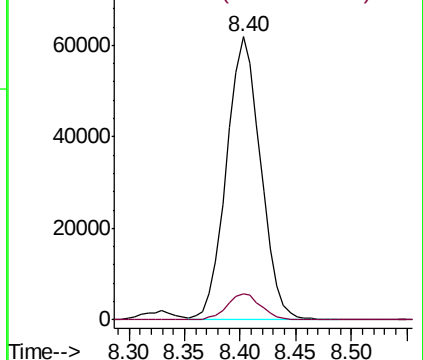
Tgt Ion:	62	Resp:	131139
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8

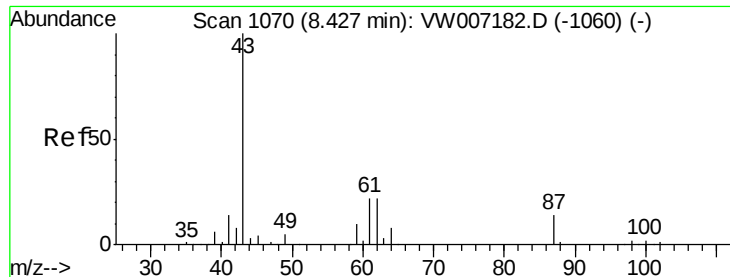


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 104.458 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

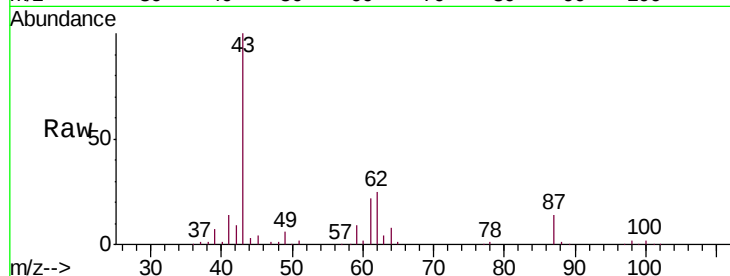
Tgt Ion: 43 Resp: 124950

Ion Ratio Lower Upper

43 100

61 31.2 25.4 38.0

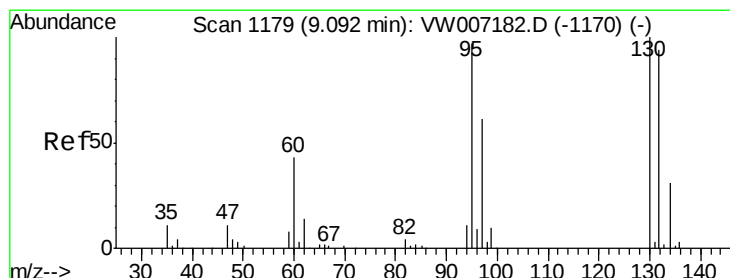
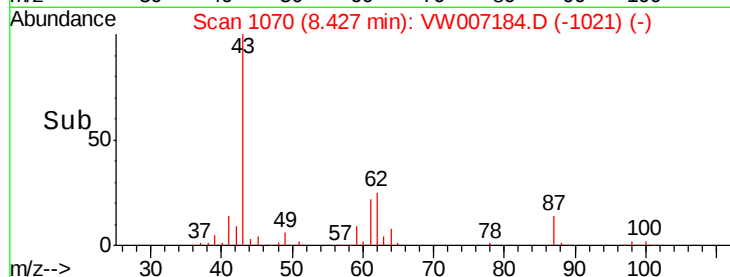
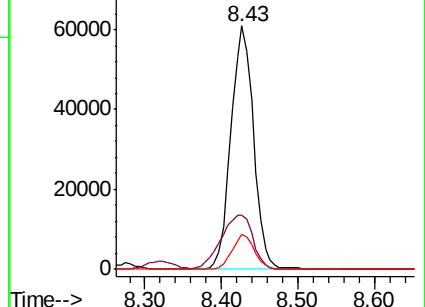
87 14.0 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 98.346 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007184.D

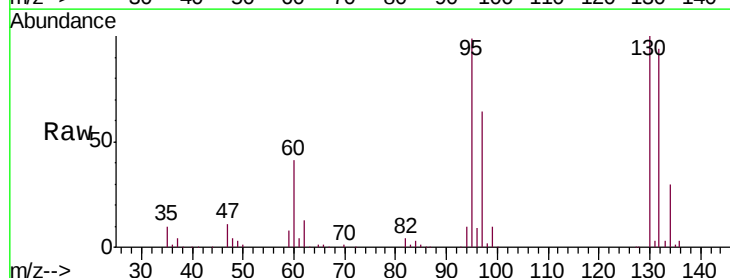
Acq: 04 Dec 2018 13:20

Tgt Ion: 130 Resp: 129067

Ion Ratio Lower Upper

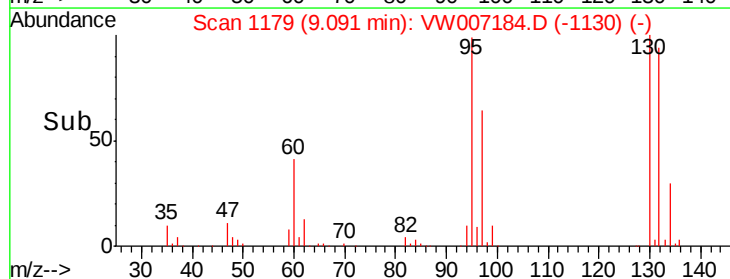
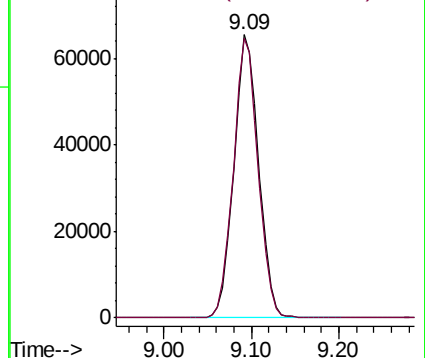
130 100

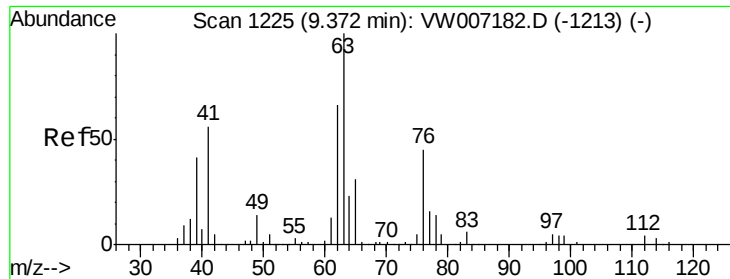
95 98.7 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 97.996 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

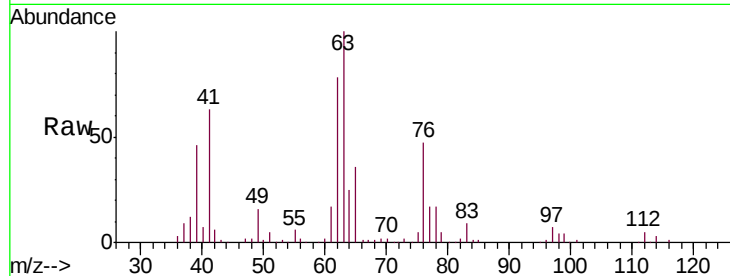
VSTDIC100

Tgt Ion: 63 Resp: 106471

Ion Ratio Lower Upper

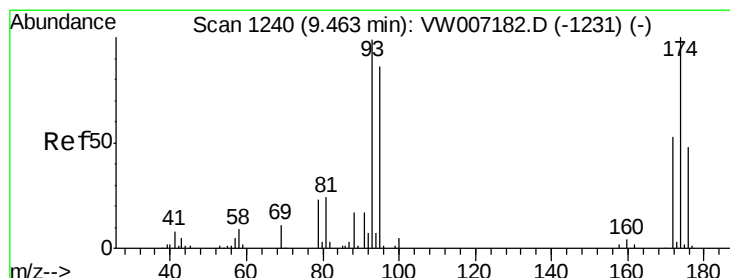
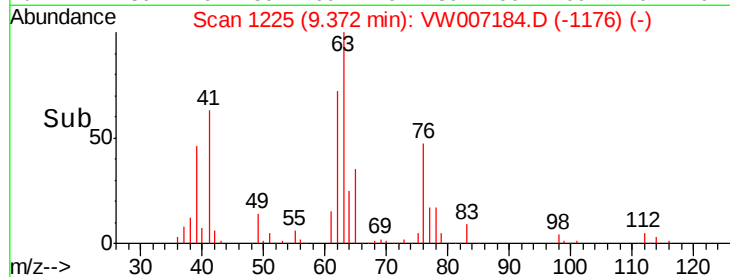
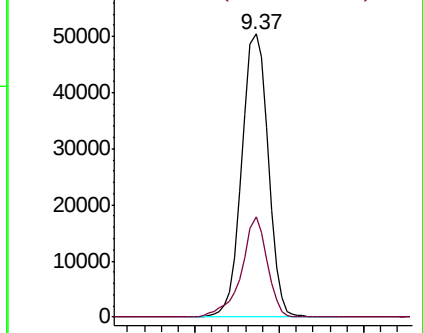
63 100

65 35.5 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 101.607 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

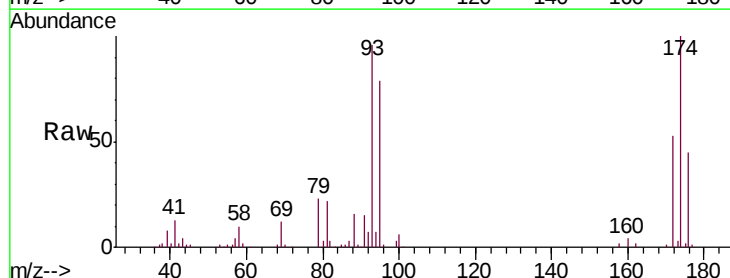
Tgt Ion: 93 Resp: 57364

Ion Ratio Lower Upper

93 100

95 84.6 68.7 103.1

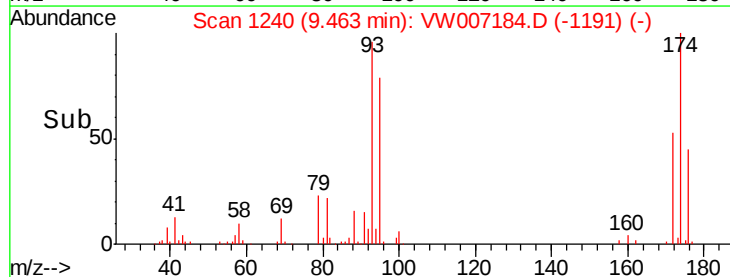
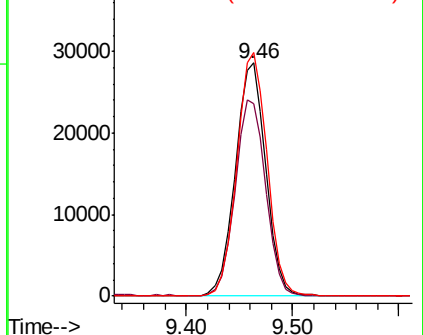
174 103.6 82.9 124.3

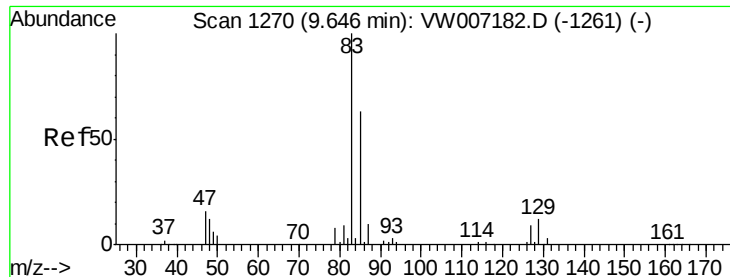


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 99.451 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

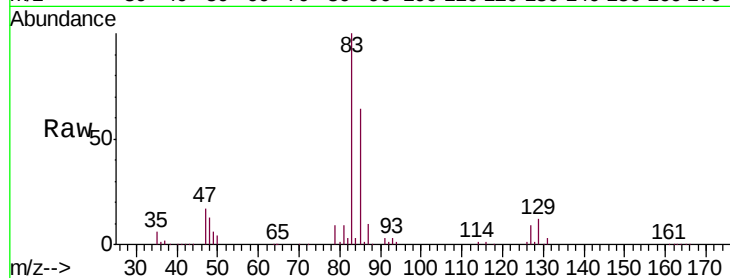
Tgt Ion: 83 Resp: 147690

Ion Ratio Lower Upper

83 100

85 64.0 50.6 76.0

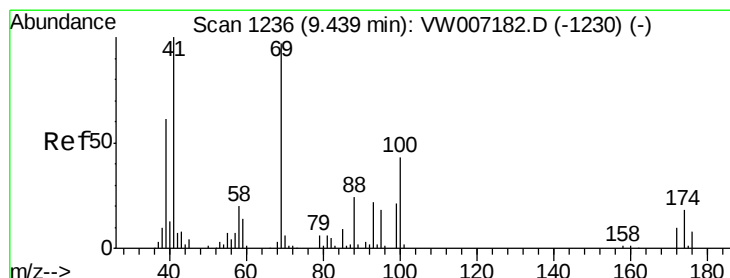
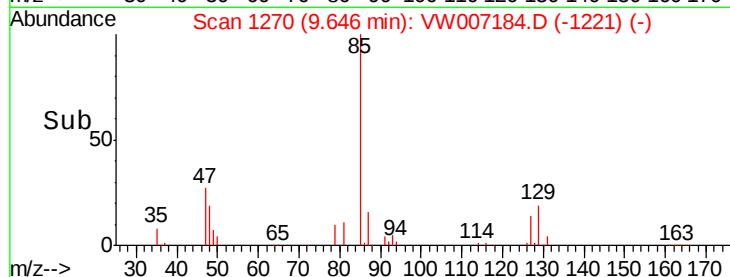
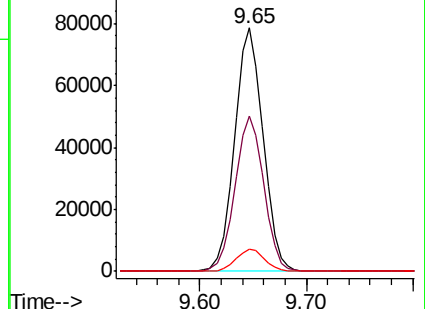
127 9.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 102.362 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

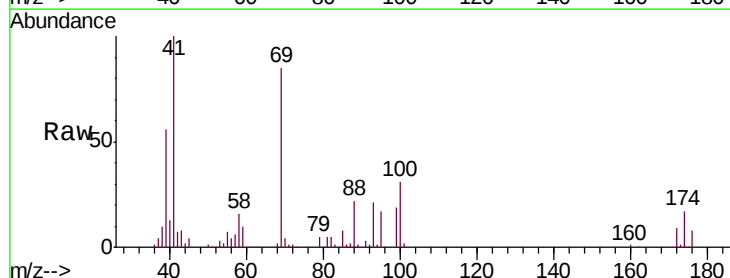
Tgt Ion: 41 Resp: 63549

Ion Ratio Lower Upper

41 100

69 88.5 69.6 104.4

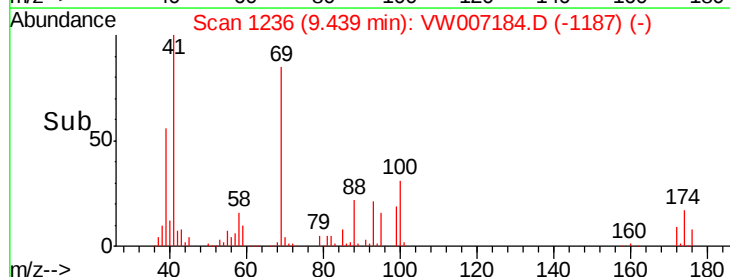
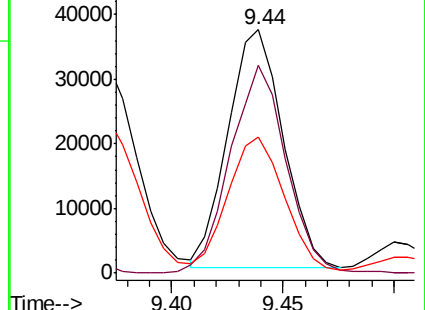
39 56.5 42.4 63.6

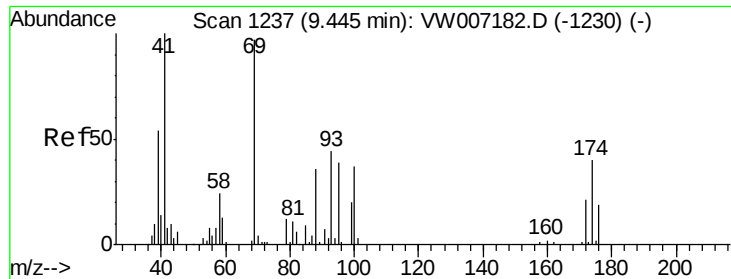


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

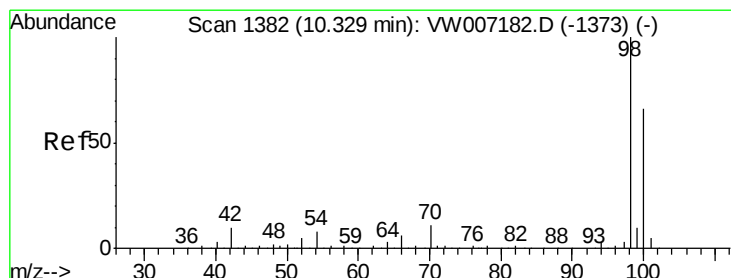
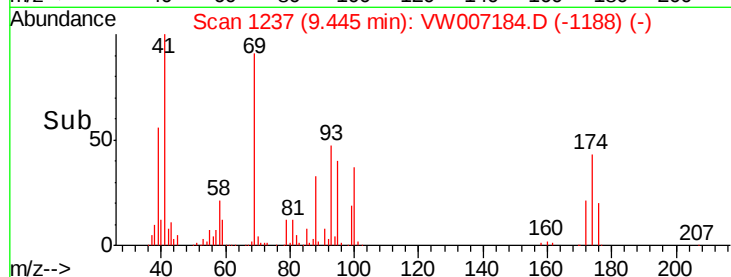
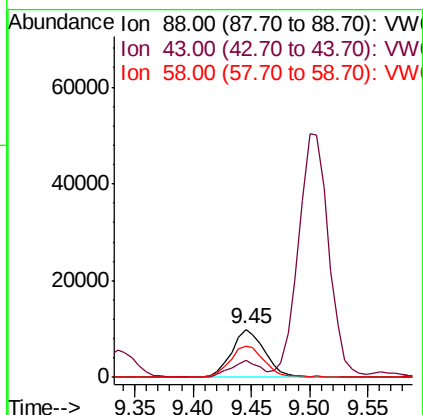
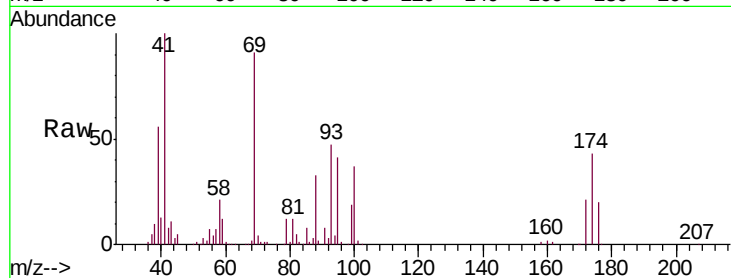




#49
1,4-Dioxane
Concen: 1977.003 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

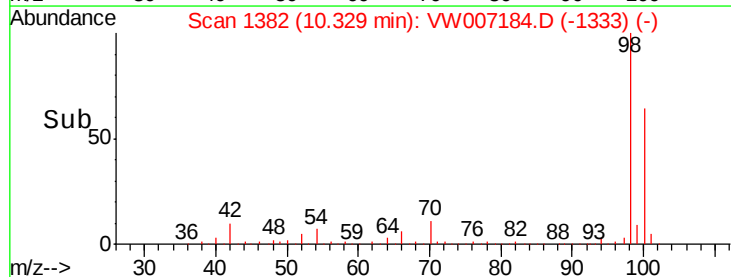
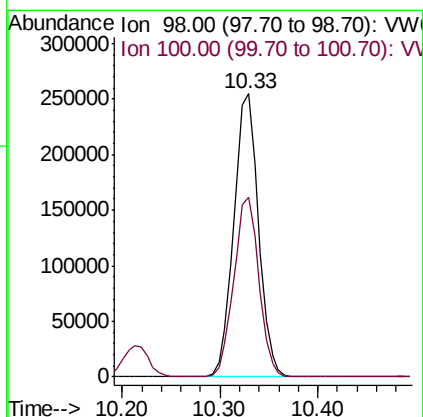
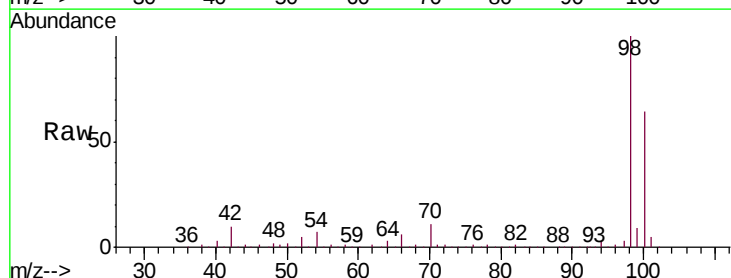
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

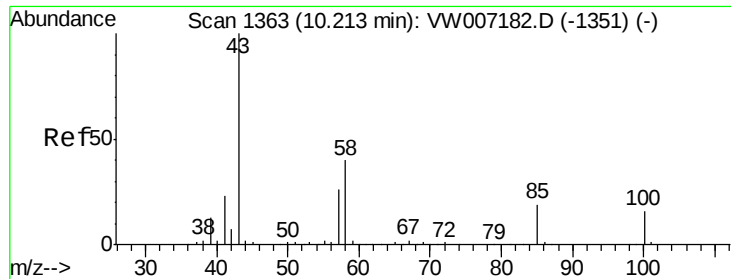
Tgt Ion: 88 Resp: 19498
Ion Ratio Lower Upper
88 100
43 31.5 25.8 38.8
58 69.1 58.9 88.3



#50
Toluene-d8
Concen: 101.235 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion: 98 Resp: 446814
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1

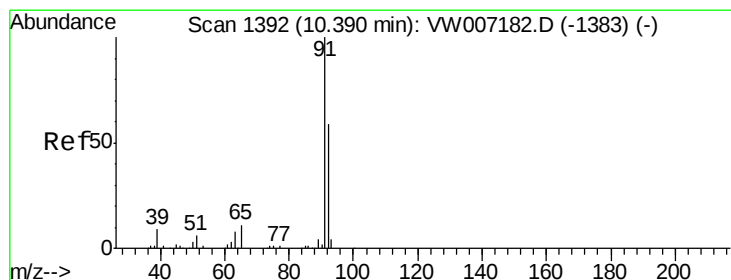
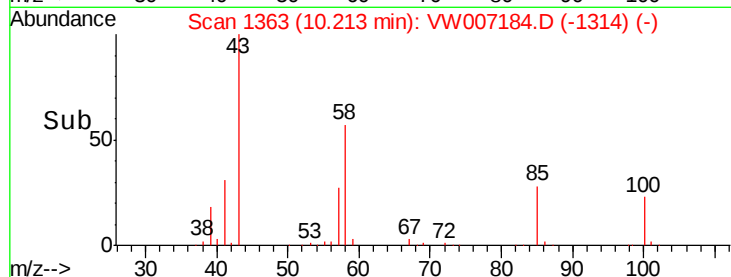
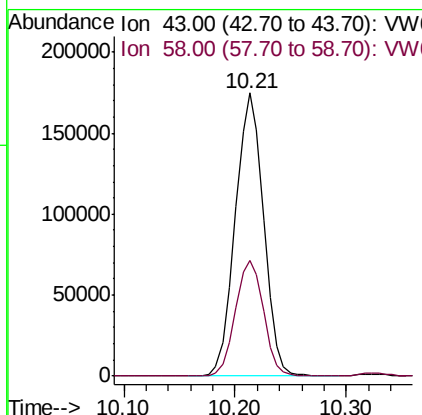
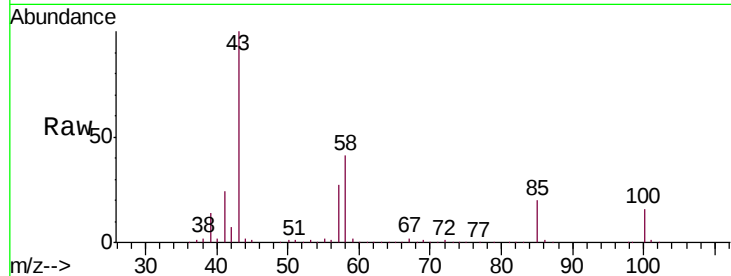




#51
 4-Methyl-2-Pentanone
 Concen: 521.396 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

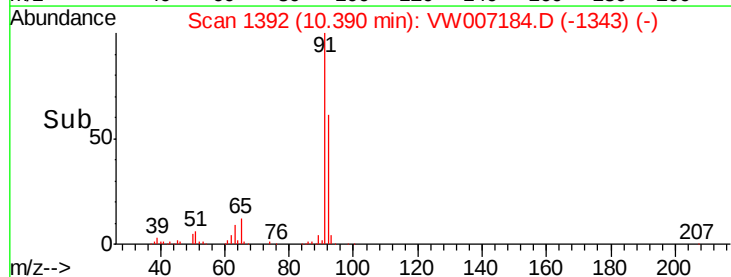
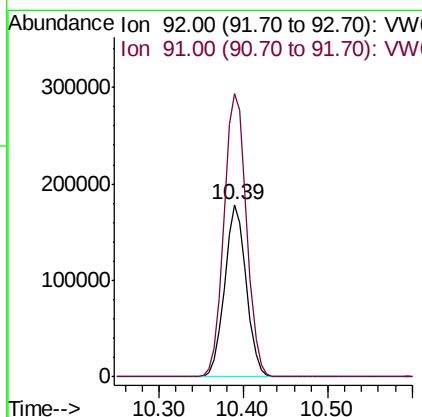
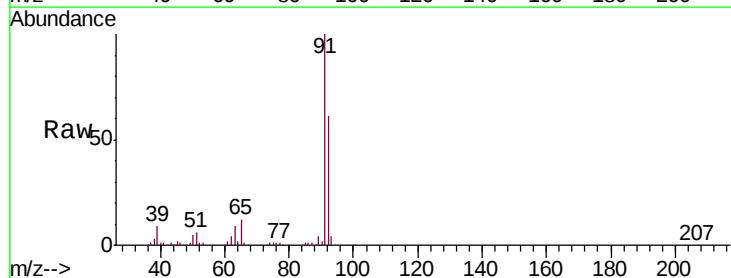
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

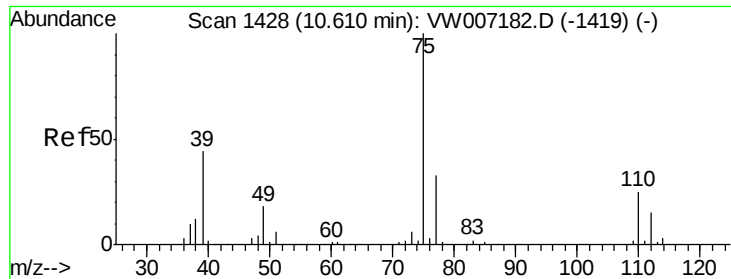
Tgt Ion: 43 Resp: 307353
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.3 48.5



#52
 Toluene
 Concen: 96.489 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion: 92 Resp: 313371
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.0 204.0

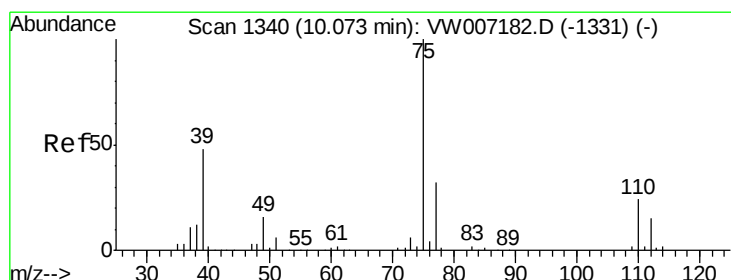
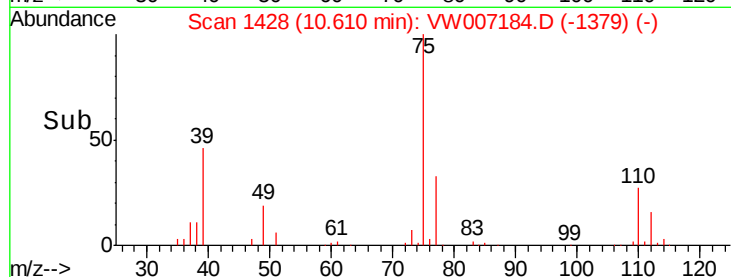
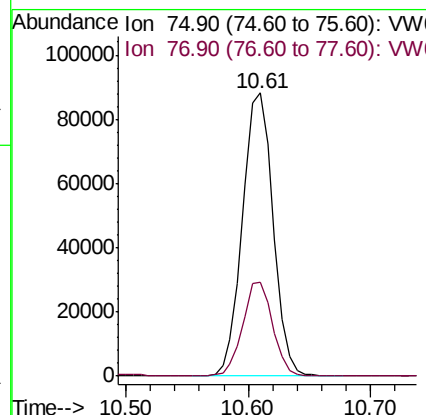
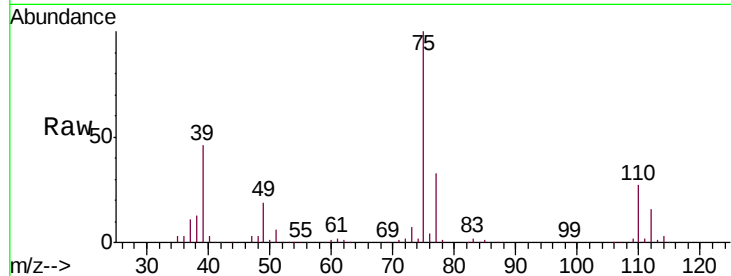




#53
 t-1,3-Dichloropropene
 Concen: 102.741 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

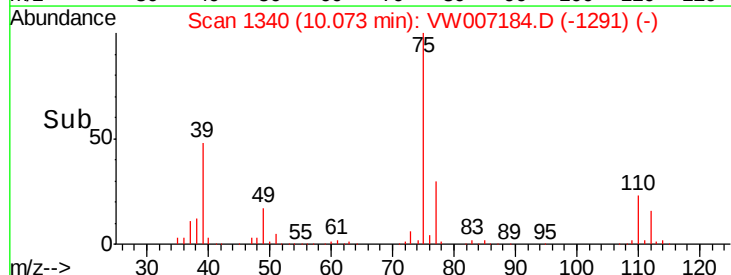
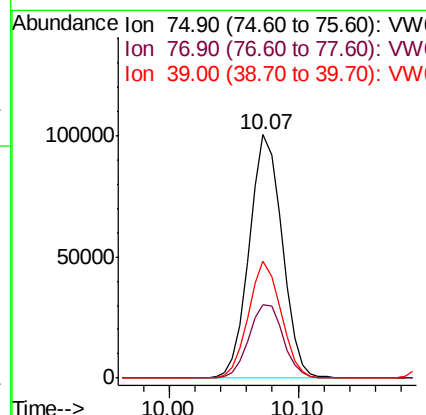
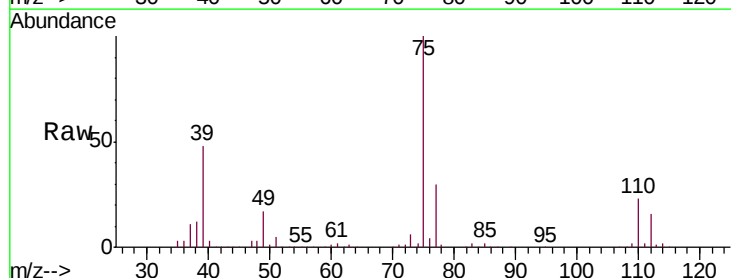
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

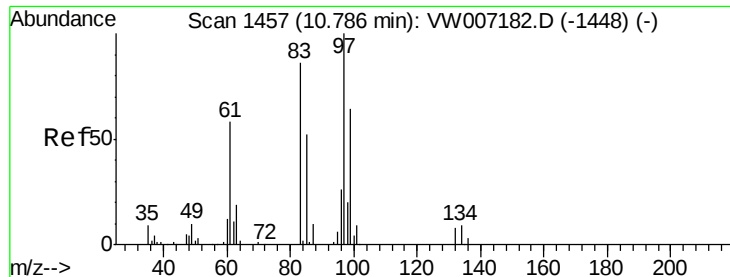
Tgt Ion: 75 Resp: 153398
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 100.915 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion: 75 Resp: 176576
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.0 39.0
 39 47.8 38.0 57.0

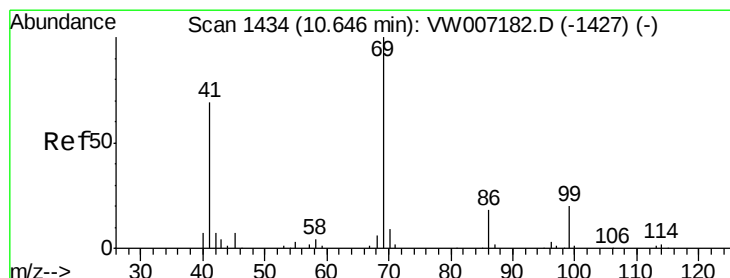
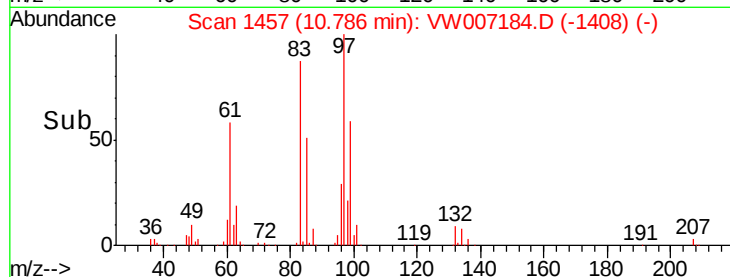
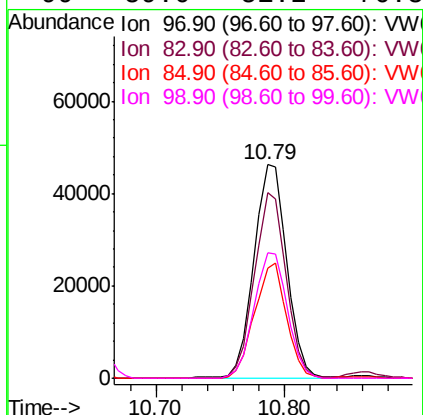
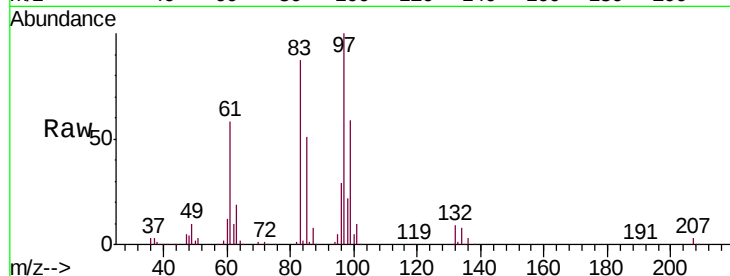




#55
 1,1,2-Trichloroethane
 Concen: 101.566 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

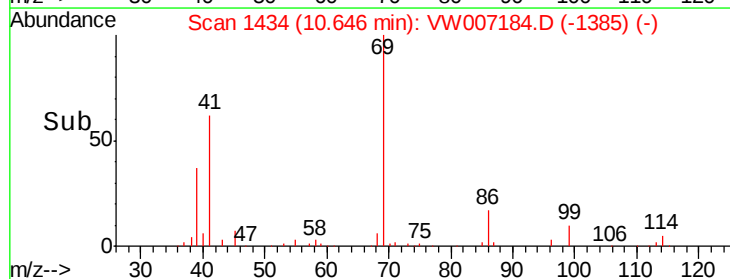
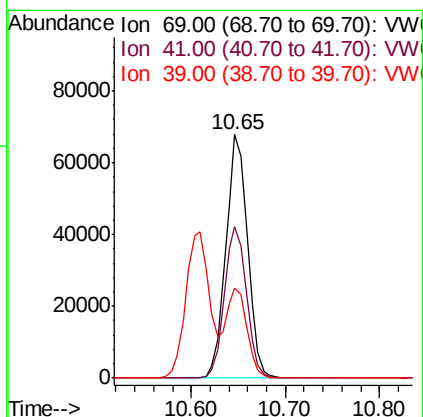
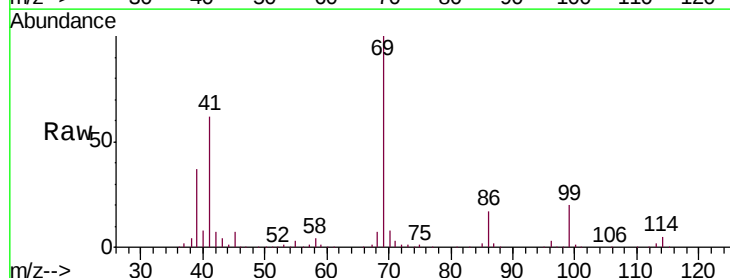
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

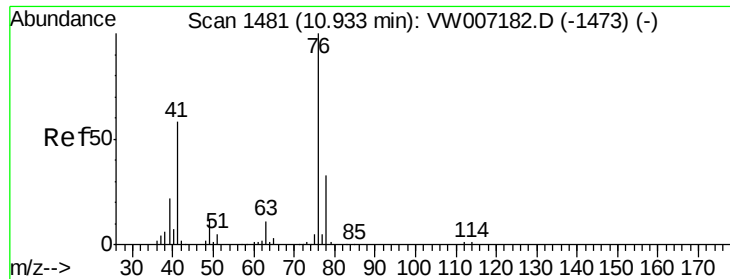
Tgt Ion:	97	Resp:	81563
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.6	102.8
85	51.3	41.4	62.2
99	59.0	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 103.006 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion:	69	Resp:	107902
Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.8	77.6
39	36.0	28.7	43.1

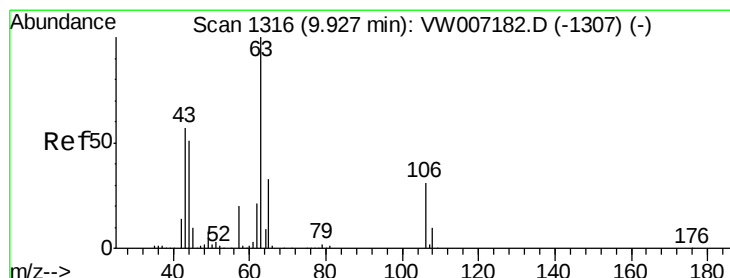
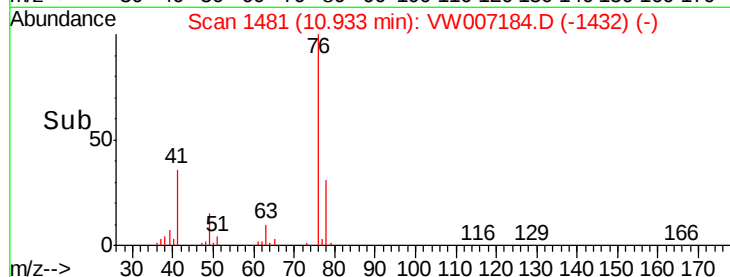
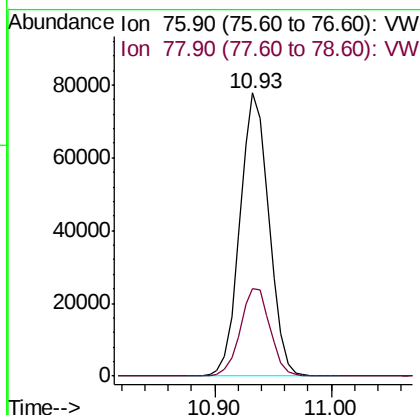
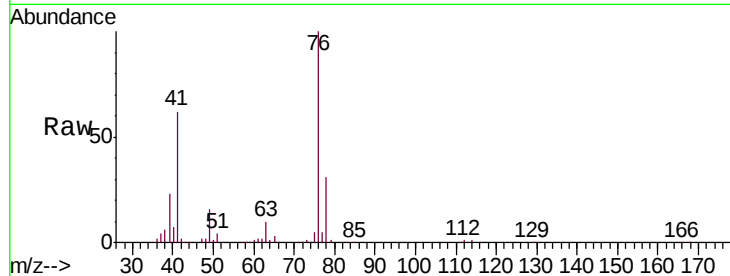




#57
 1,3-Dichloropropane
 Concen: 99.714 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

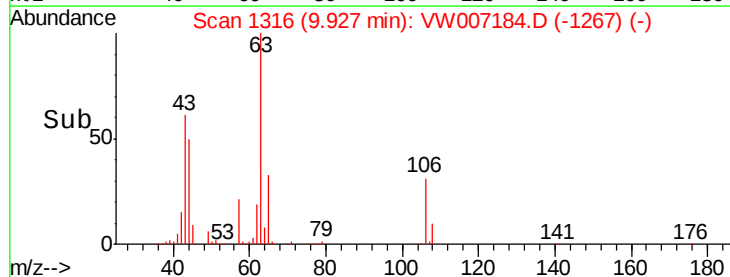
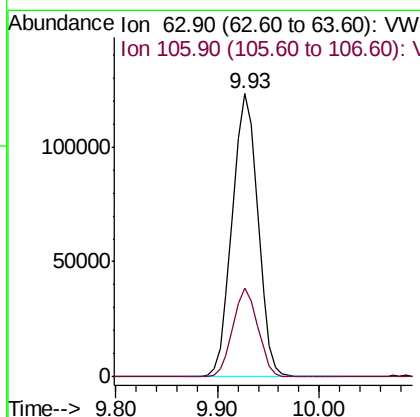
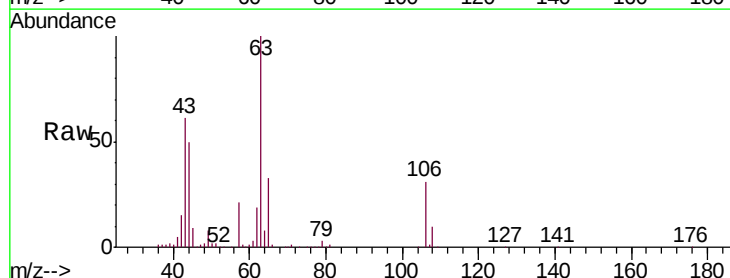
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

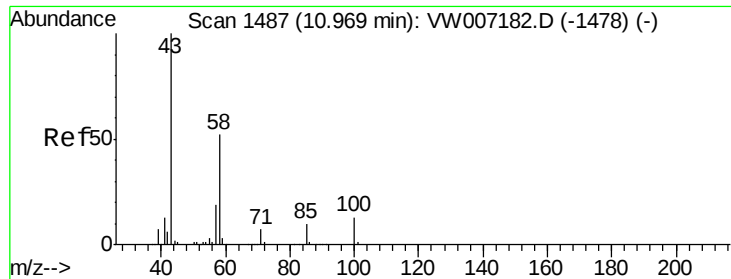
Tgt Ion: 76 Resp: 135191
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 509.322 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion: 63 Resp: 214300
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.1 36.1

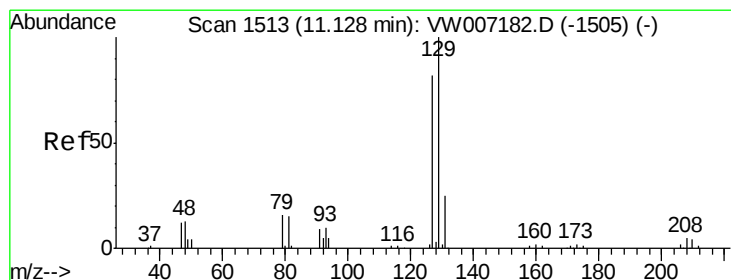
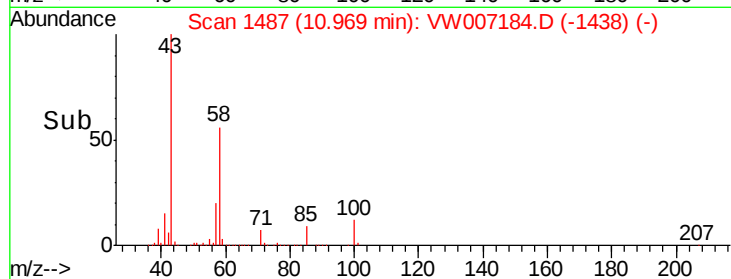
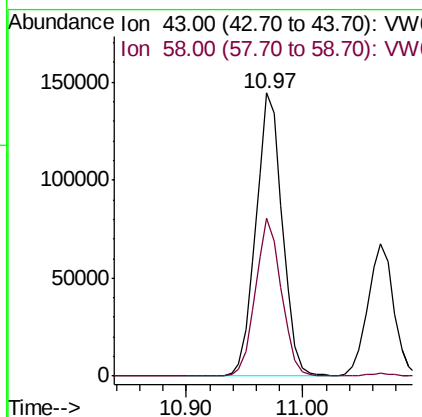
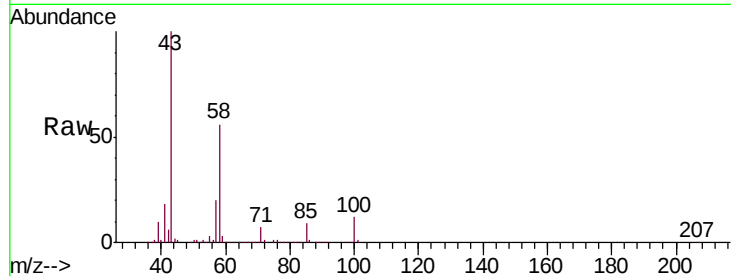




#59
2-Hexanone
Concen: 536.700 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

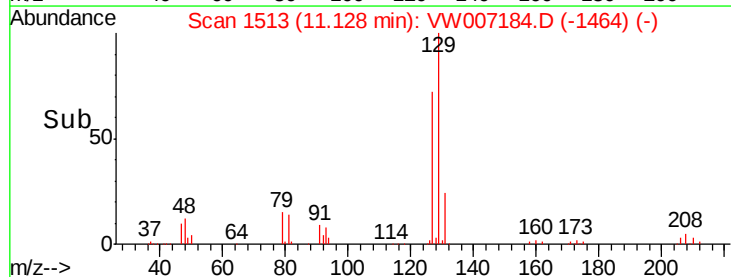
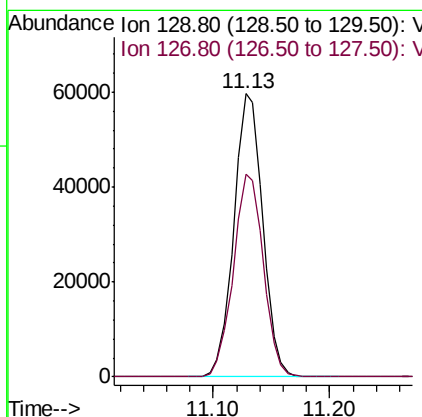
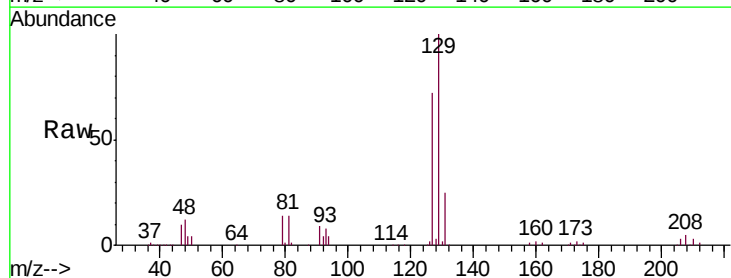
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

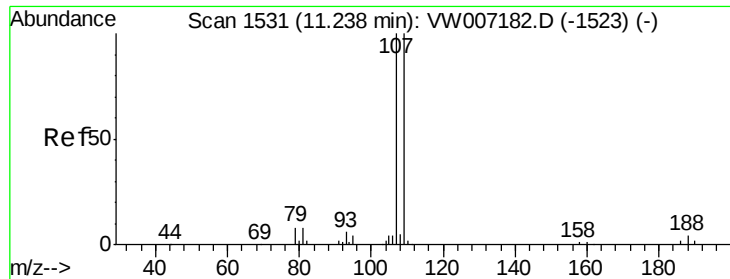
Tgt Ion: 43 Resp: 229345
Ion Ratio Lower Upper
43 100
58 54.5 28.1 84.4



#60
Dibromochloromethane
Concen: 104.370 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion: 129 Resp: 103012
Ion Ratio Lower Upper
129 100
127 74.5 39.8 119.4





#61

1,2-Dibromoethane

Concen: 101.475 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

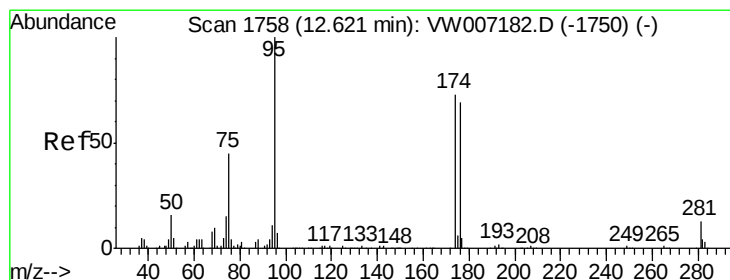
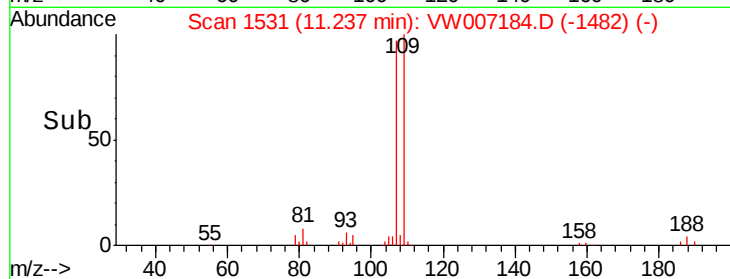
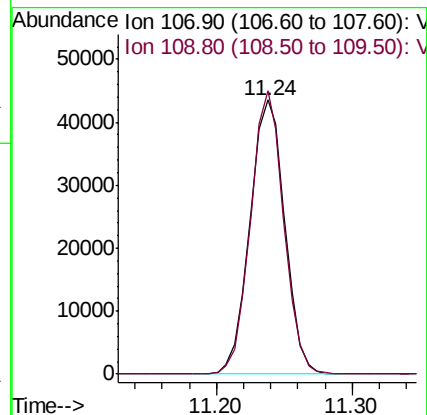
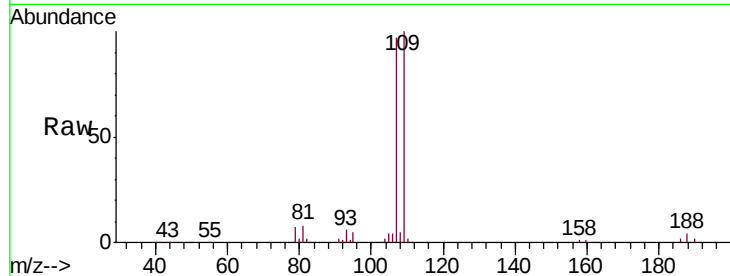
VSTDIC100

Tgt Ion:107 Resp: 78160

Ion Ratio Lower Upper

107 100

109 98.4 77.3 115.9



#62

4-Bromofluorobenzene

Concen: 97.280 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

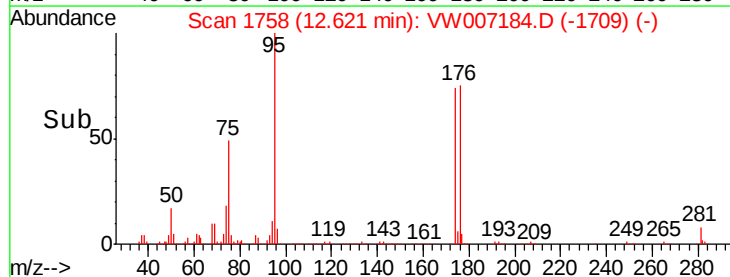
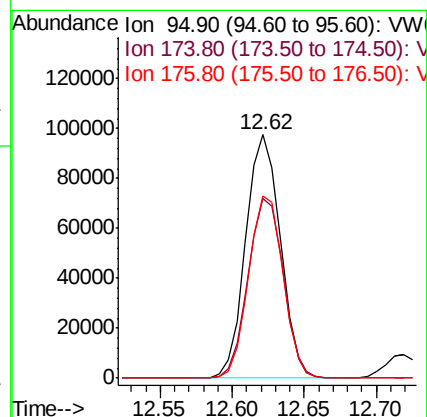
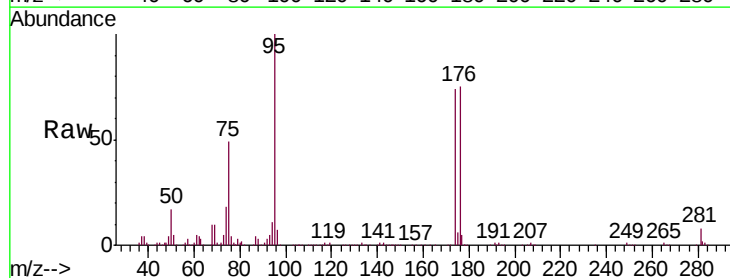
Tgt Ion: 95 Resp: 162059

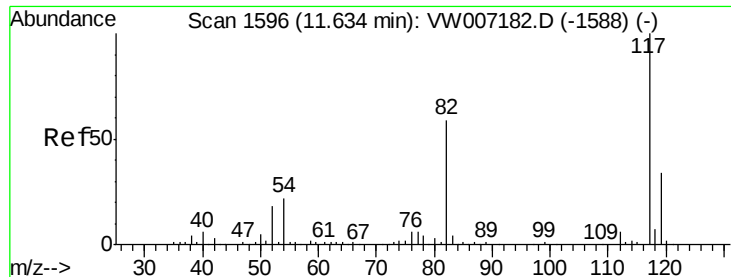
Ion Ratio Lower Upper

95 100

174 75.3 0.0 148.0

176 74.3 0.0 139.4

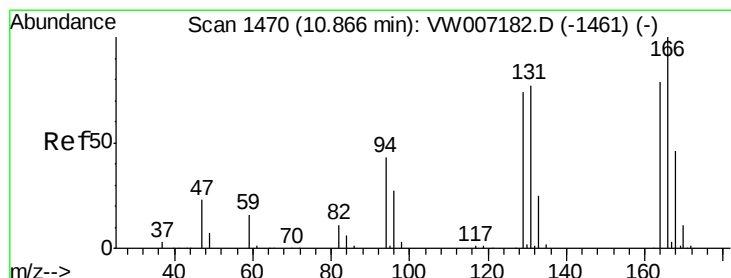
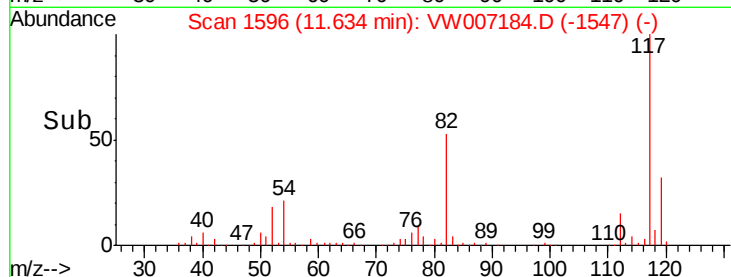
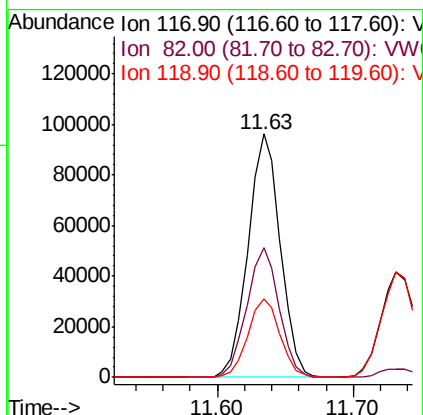
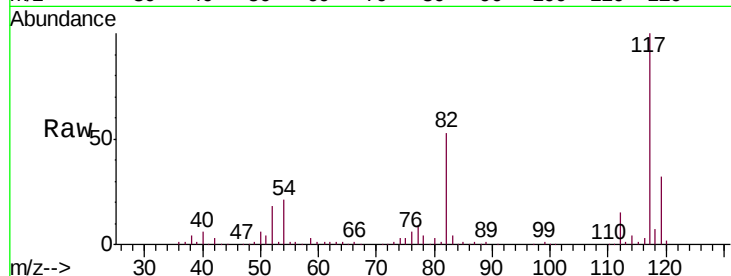




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

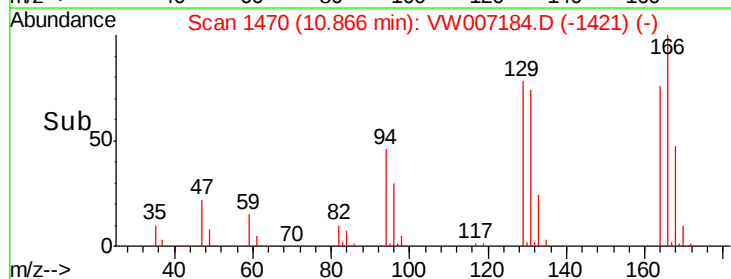
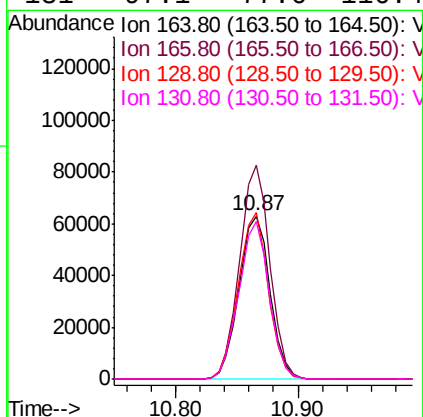
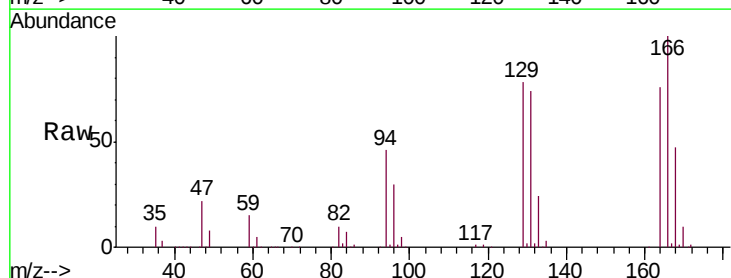
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

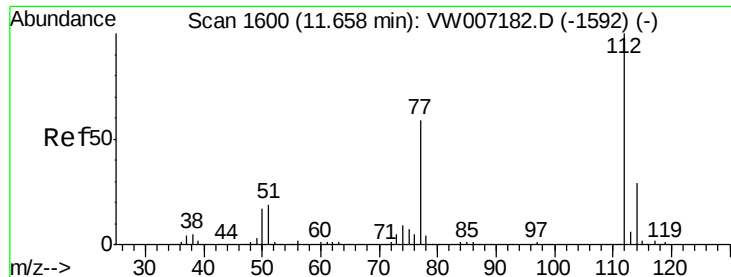
Tgt Ion:117 Resp: 159591
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 32.0 26.8 40.2



#64
Tetrachloroethene
Concen: 94.632 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion:164 Resp: 110341
Ion Ratio Lower Upper
164 100
166 131.2 101.0 151.4
129 102.6 74.6 111.8
131 97.1 77.6 116.4

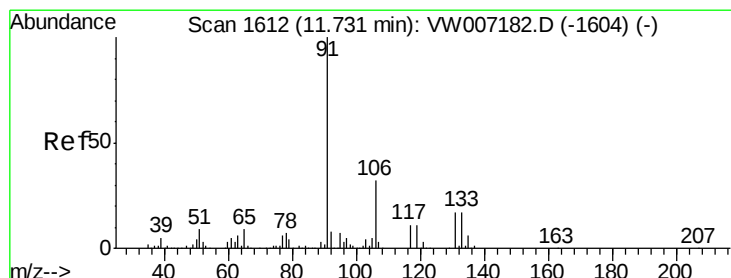
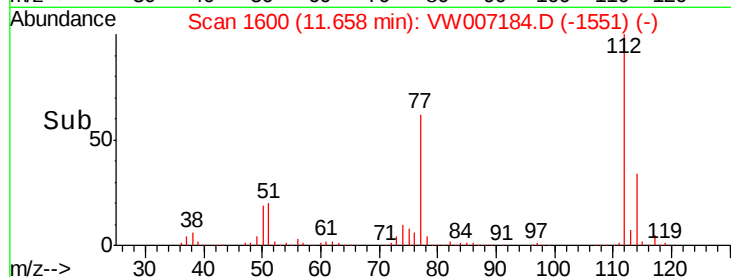
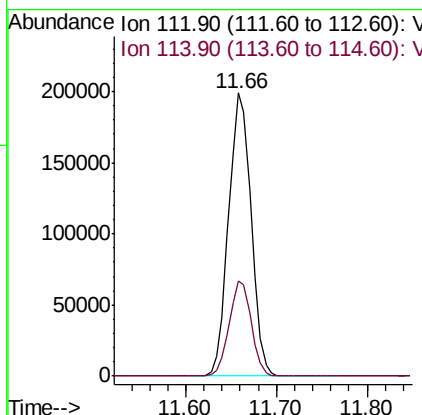
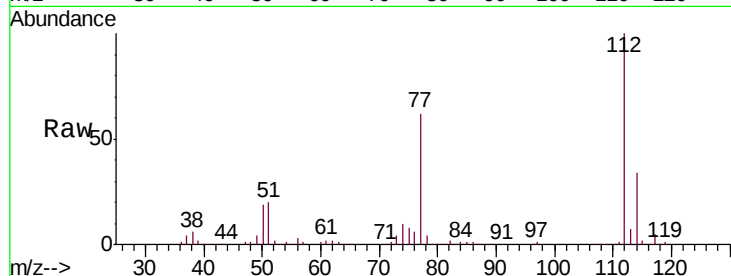




#65
Chlorobenzene
Concen: 96.089 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

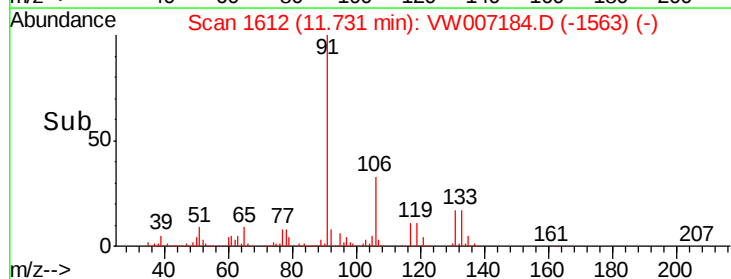
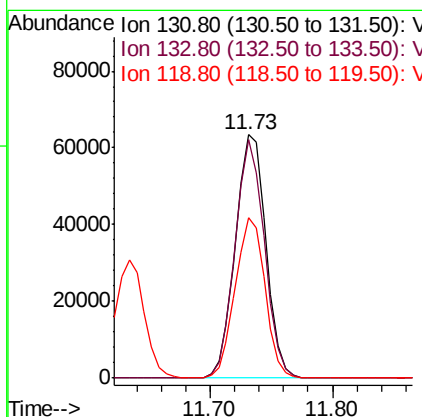
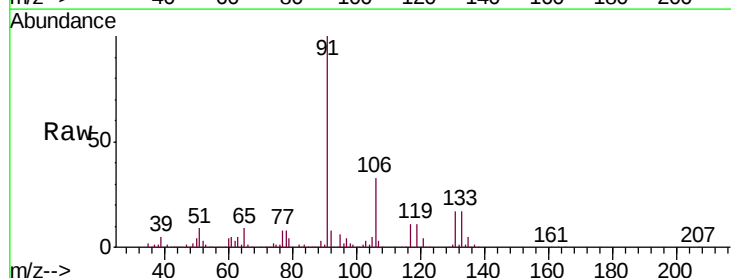
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

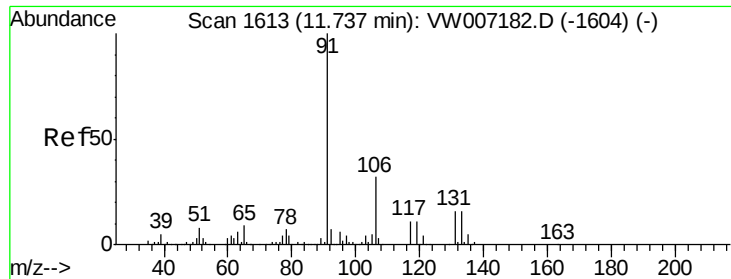
Tgt Ion:112 Resp: 342486
Ion Ratio Lower Upper
112 100
114 33.7 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 99.568 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion:131 Resp: 109602
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.2
119 64.6 32.8 98.4

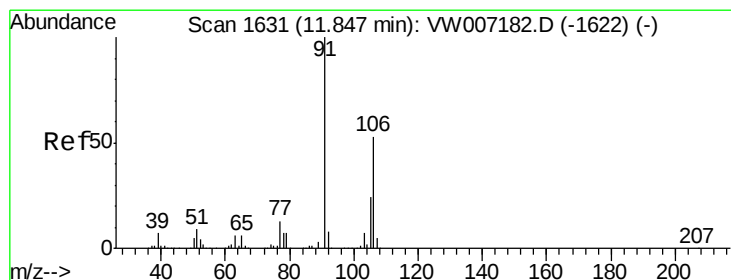
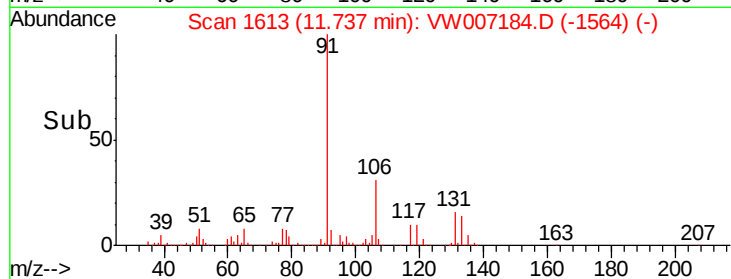
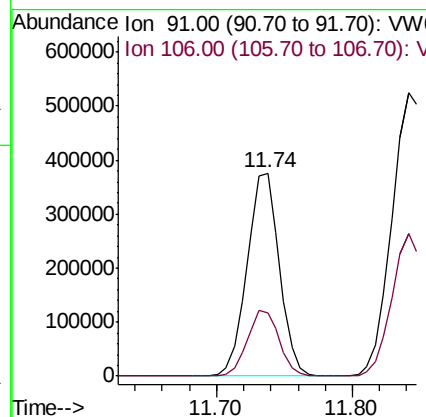
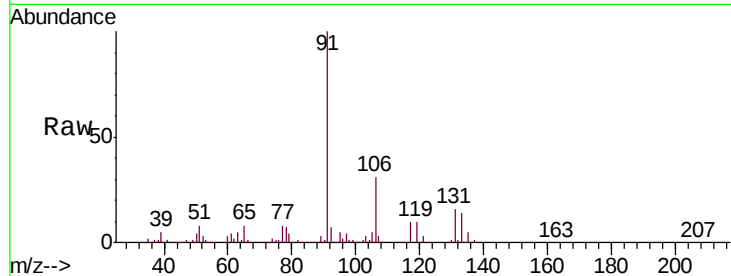




#67
Ethyl Benzene
Concen: 95.791 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

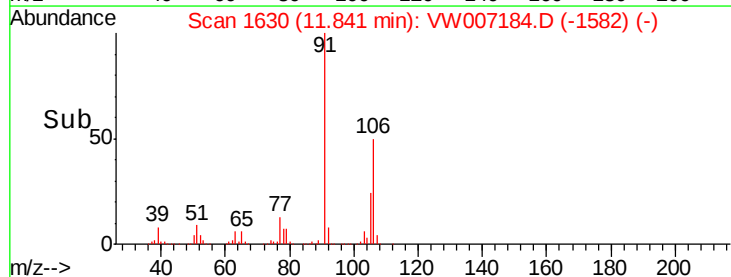
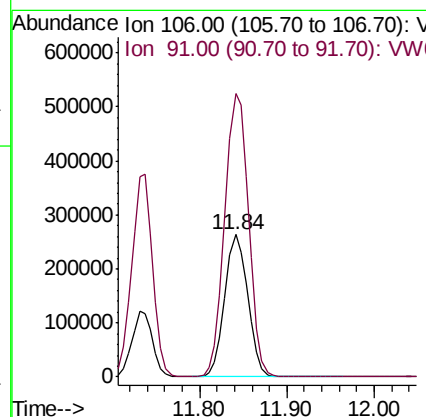
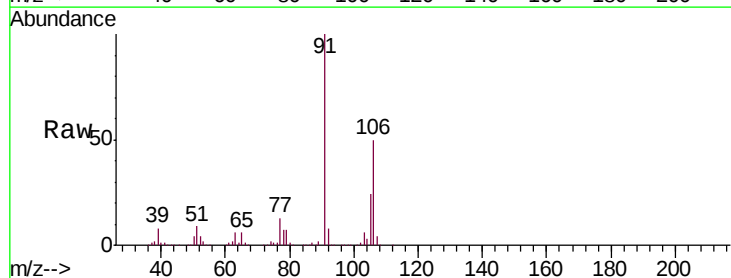
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

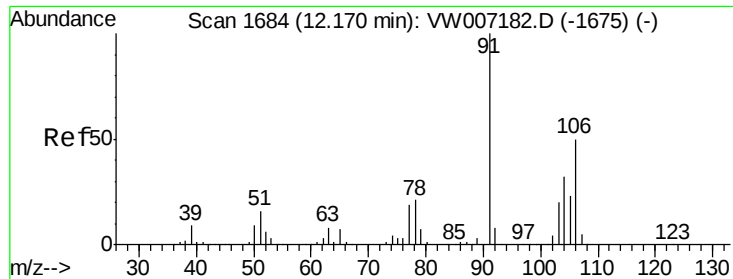
Tgt Ion: 91 Resp: 622279
Ion Ratio Lower Upper
91 100
106 31.4 26.0 39.0



#68
m/p-Xylenes
Concen: 189.073 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion: 106 Resp: 481852
Ion Ratio Lower Upper
106 100
91 205.6 160.2 240.4

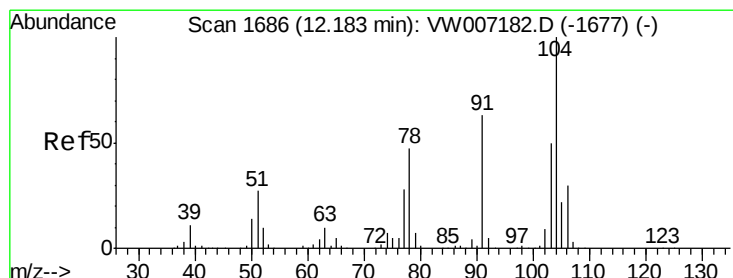
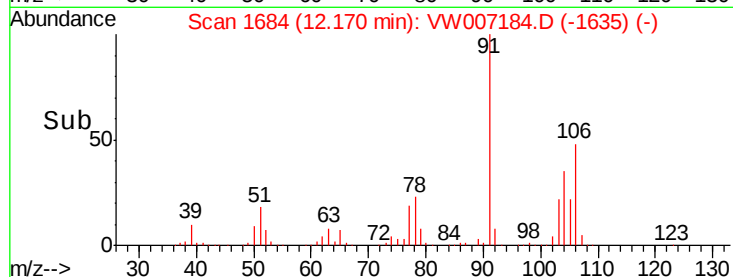
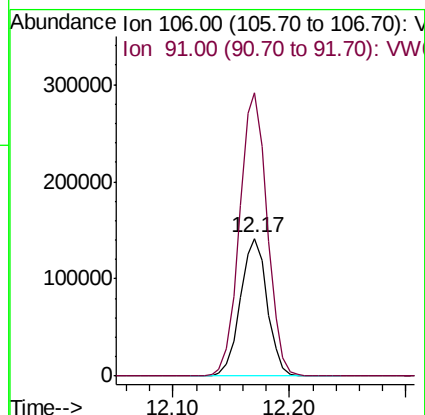
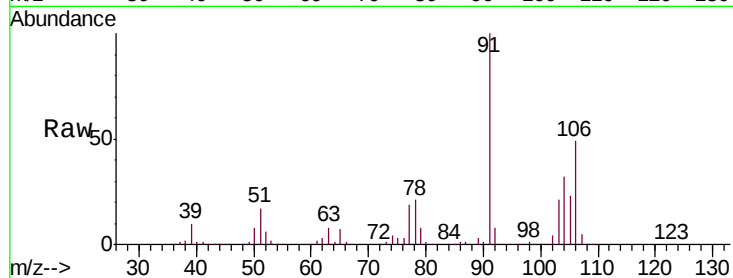




#69
o-Xylene
Concen: 95.635 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

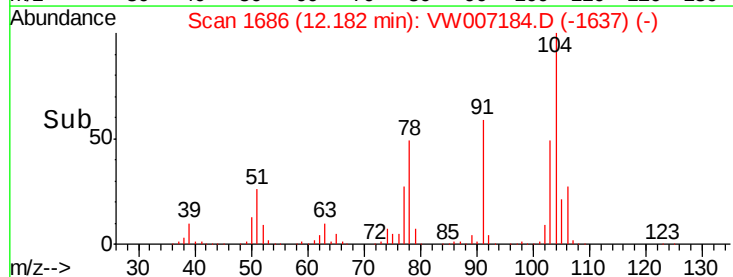
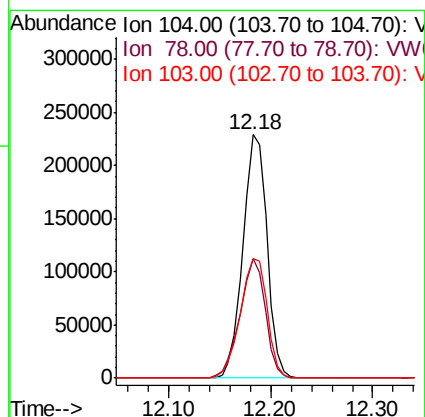
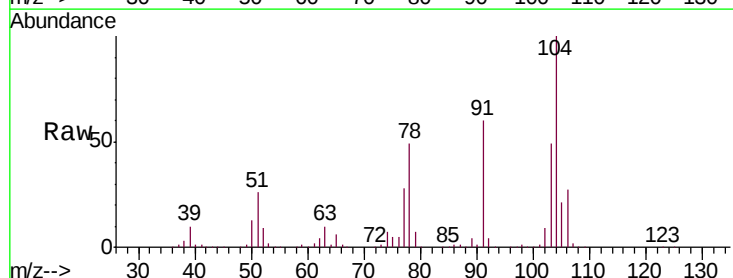
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

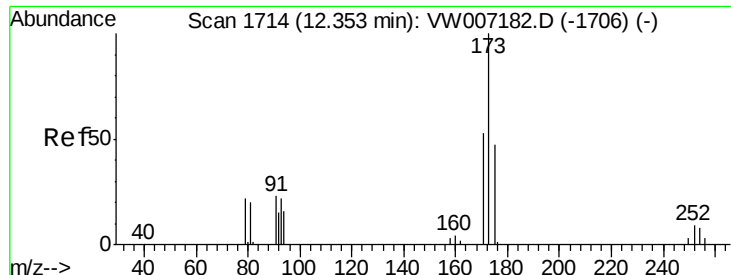
Tgt Ion:106 Resp: 227711
Ion Ratio Lower Upper
106 100
91 212.0 104.9 314.7



#70
Styrene
Concen: 96.414 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007184.D
Acq: 04 Dec 2018 13:20

Tgt Ion:104 Resp: 375792
Ion Ratio Lower Upper
104 100
78 51.4 40.6 60.8
103 54.5 43.0 64.4





#71

Bromoform

Concen: 104.582 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

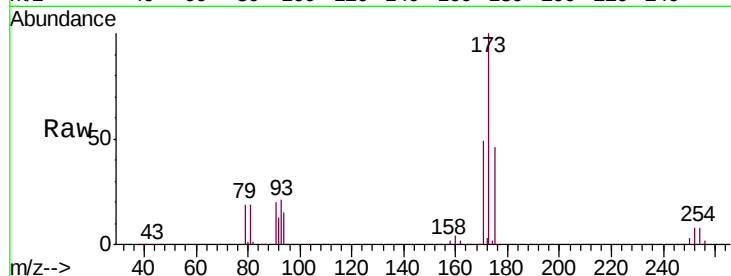
Tgt Ion:173 Resp: 57629

Ion Ratio Lower Upper

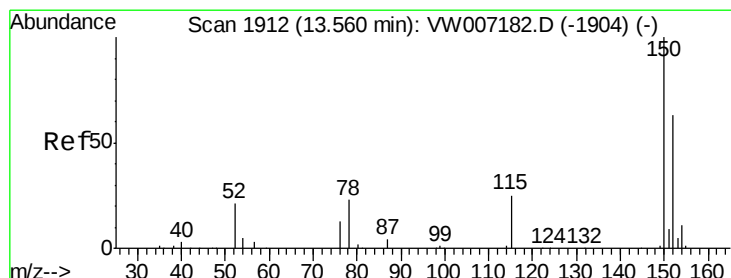
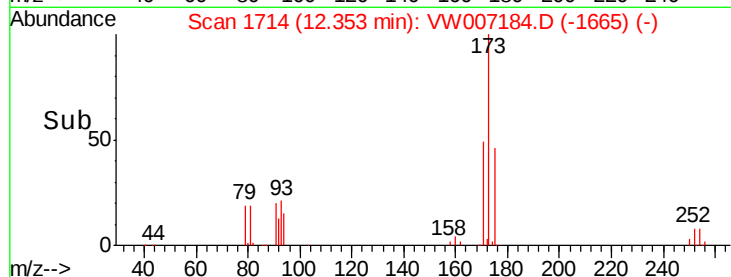
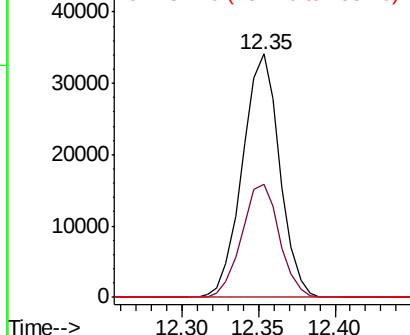
173 100

175 47.3 24.0 72.0

254 0.1 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. 0.01 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

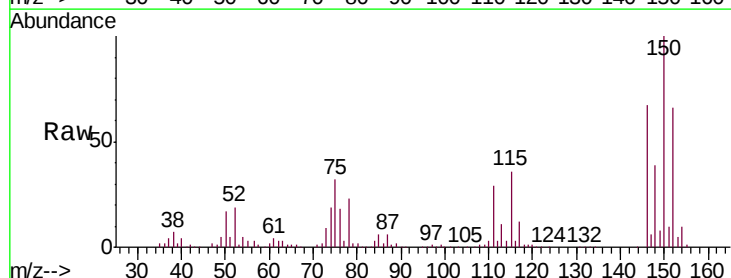
Tgt Ion:152 Resp: 81437

Ion Ratio Lower Upper

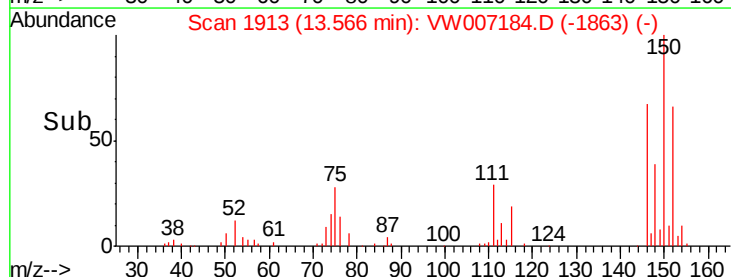
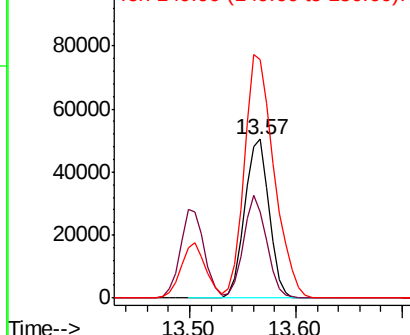
152 100

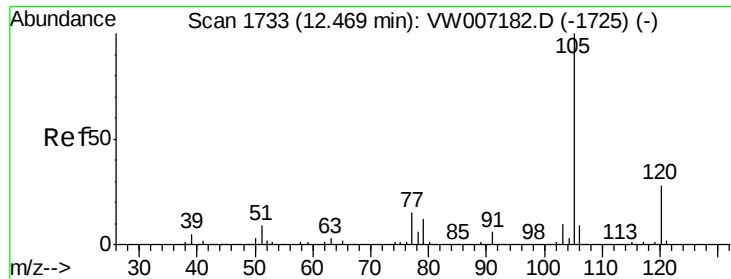
115 61.2 31.3 93.8

150 186.0 0.0 358.0



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: 96.062 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

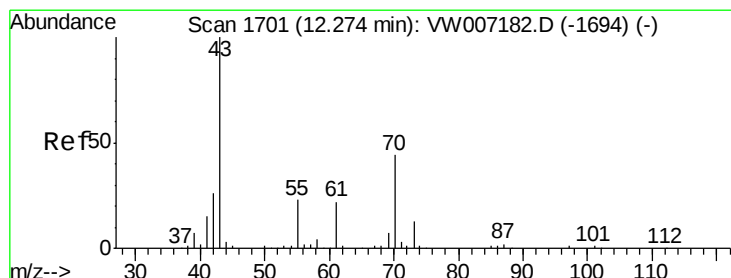
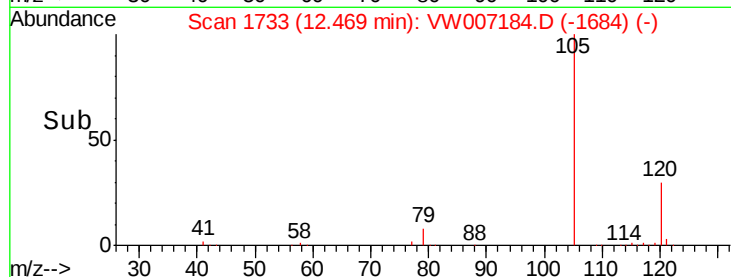
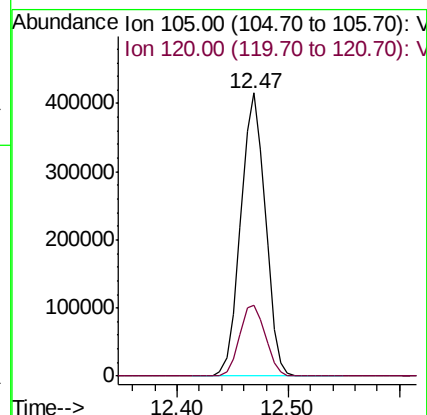
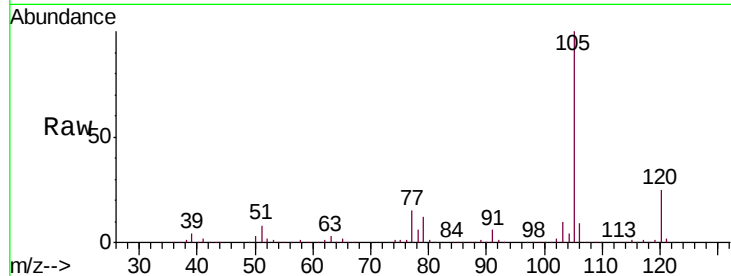
VSTDIC100

Tgt Ion: 105 Resp: 636273

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 97.543 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Tgt Ion: 43 Resp: 114549

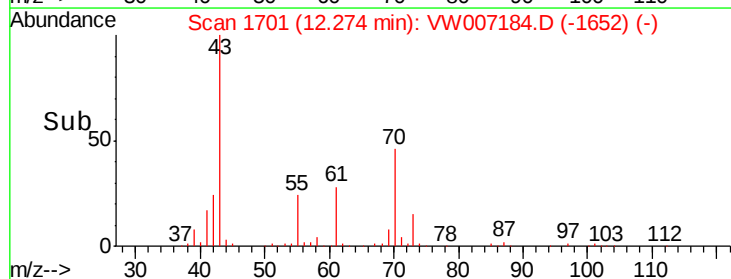
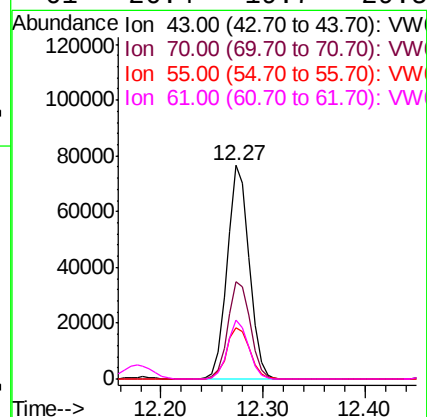
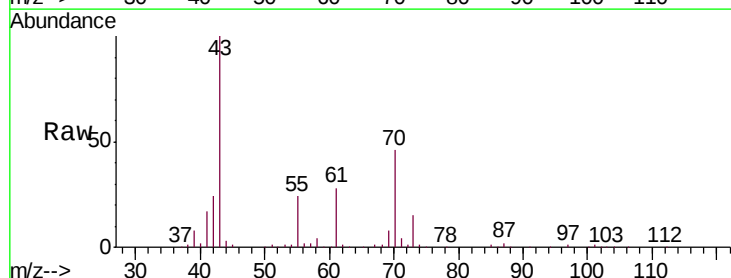
Ion Ratio Lower Upper

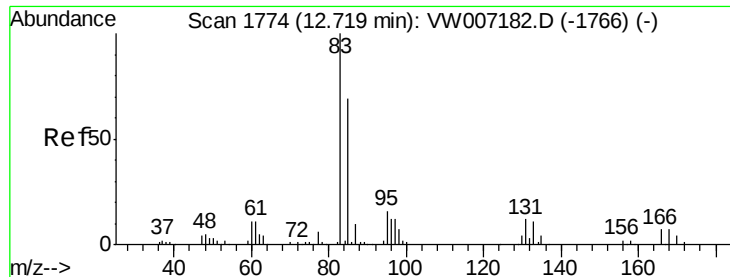
43 100

70 46.1 34.0 51.0

55 25.1 19.0 28.6

61 26.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 99.051 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

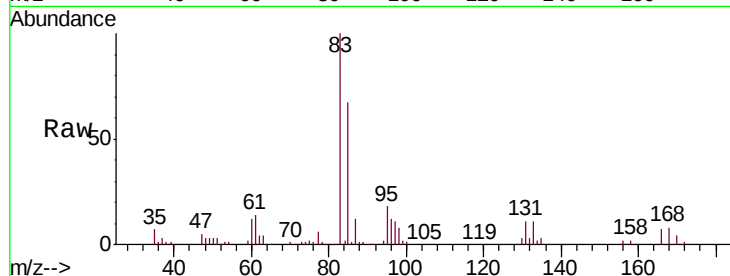
Tgt Ion: 83 Resp: 85205

Ion Ratio Lower Upper

83 100

131 11.8 6.0 18.1

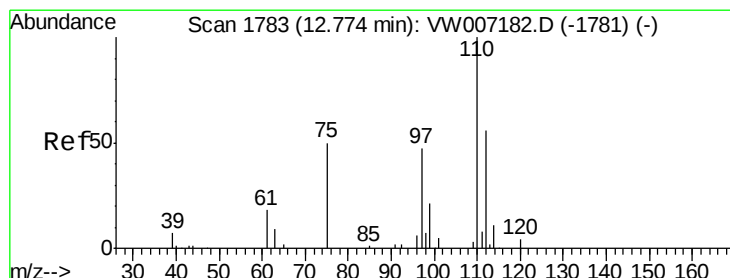
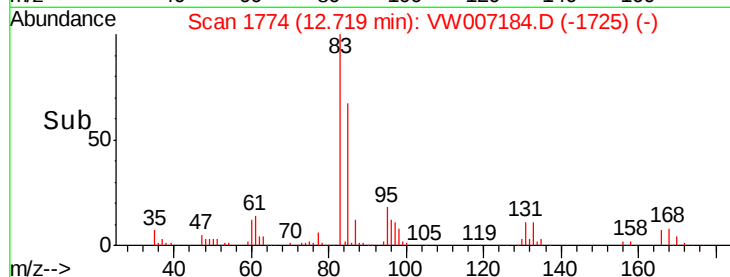
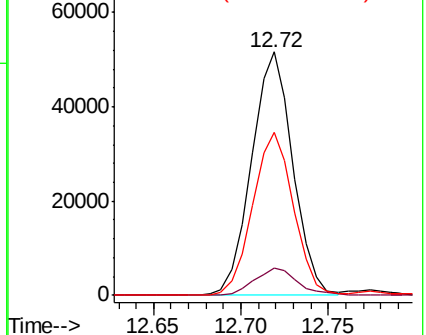
85 66.0 33.0 99.0



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: 112.031 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007184.D

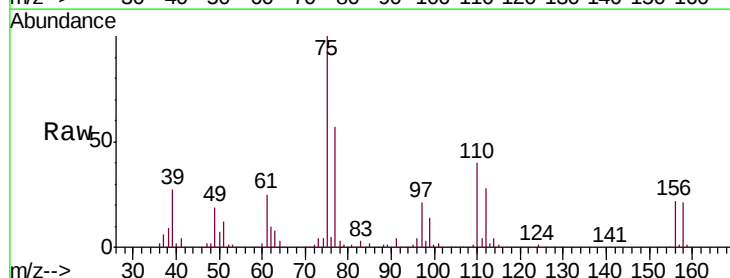
Acq: 04 Dec 2018 13:20

Tgt Ion: 75 Resp: 122624

Ion Ratio Lower Upper

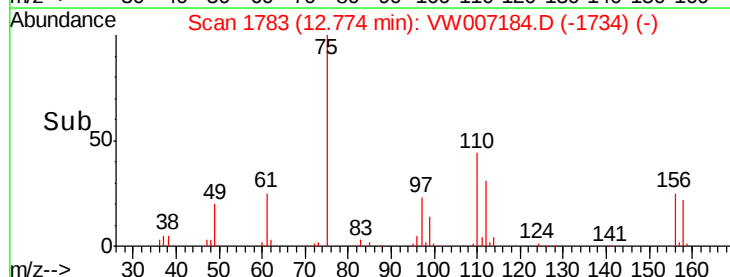
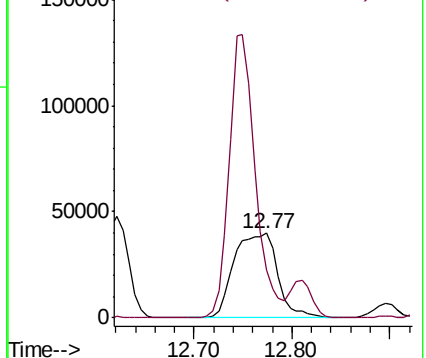
75 100

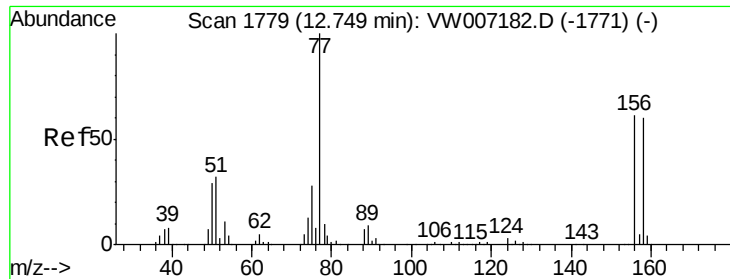
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 95.332 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

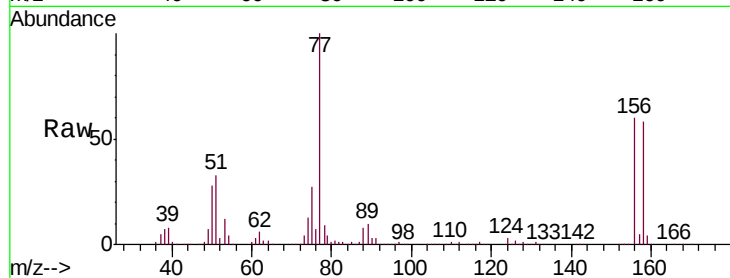
Tgt Ion: 156 Resp: 136298

Ion Ratio Lower Upper

156 100

77 182.8 92.0 276.1

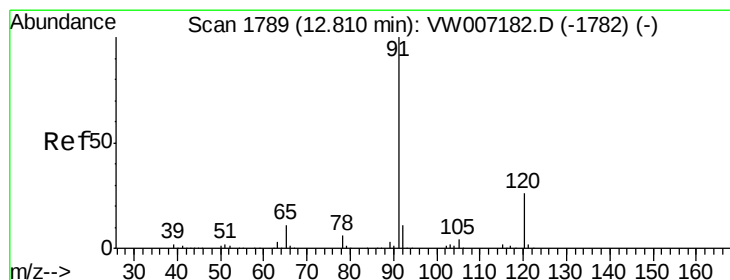
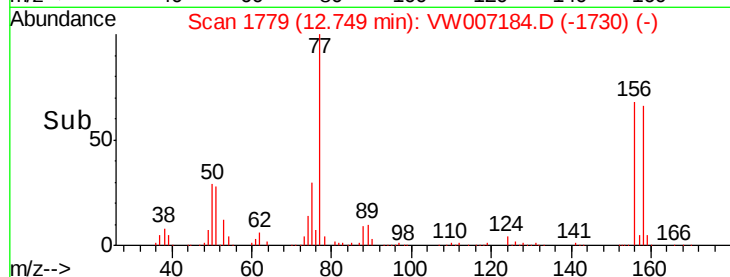
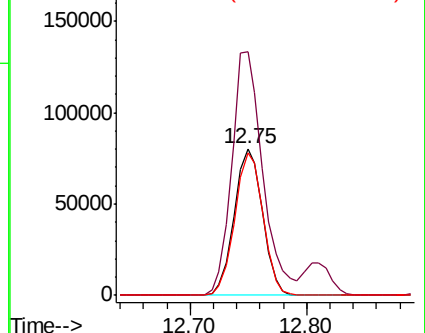
158 96.6 49.0 147.0



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: 92.187 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007184.D

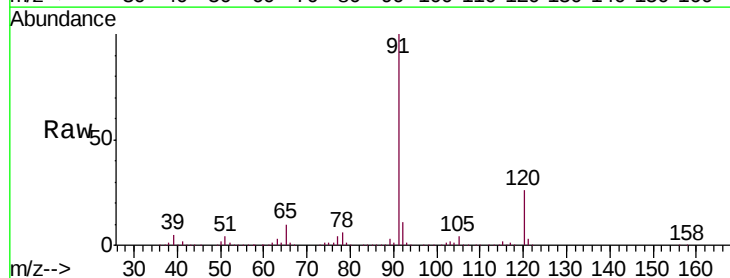
Acq: 04 Dec 2018 13:20

Tgt Ion: 91 Resp: 727457

Ion Ratio Lower Upper

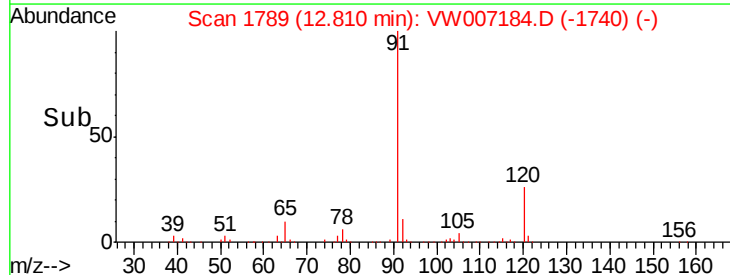
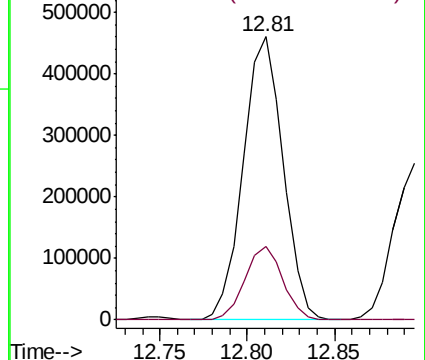
91 100

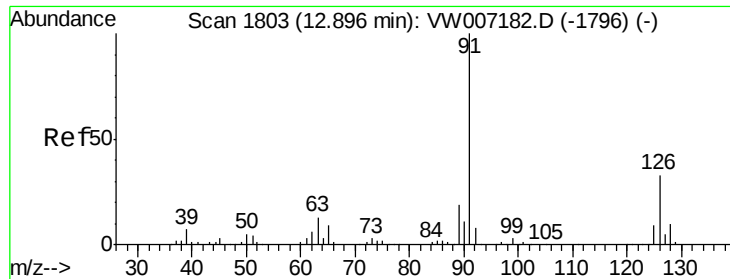
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

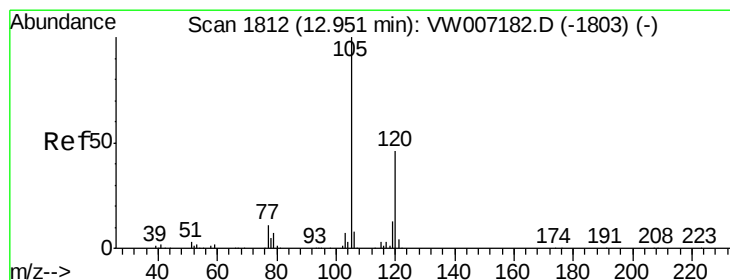
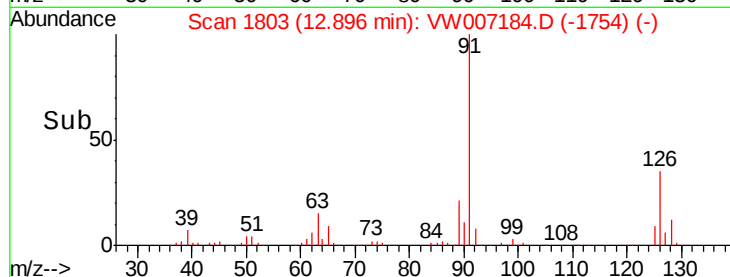
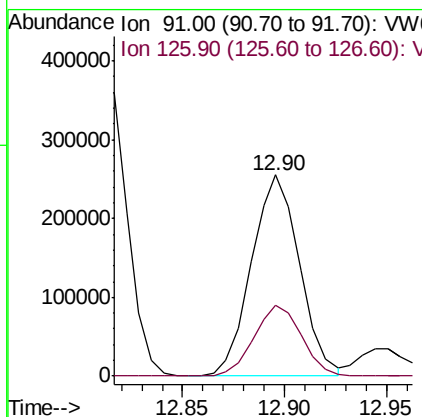
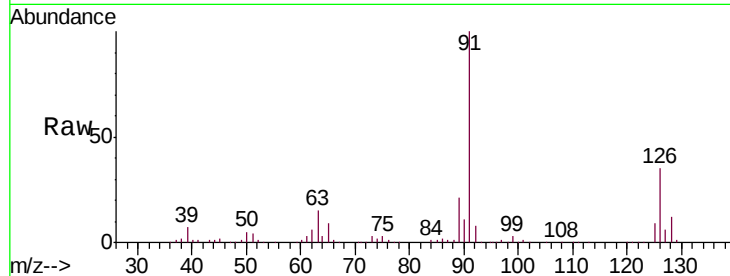




#79
 2-Chlorotoluene
 Concen: 93.457 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

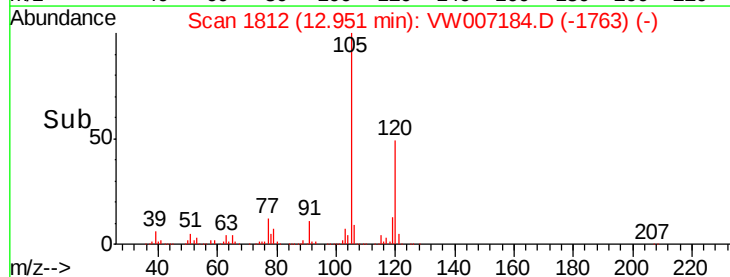
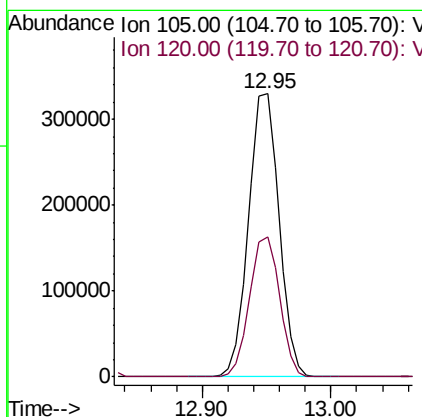
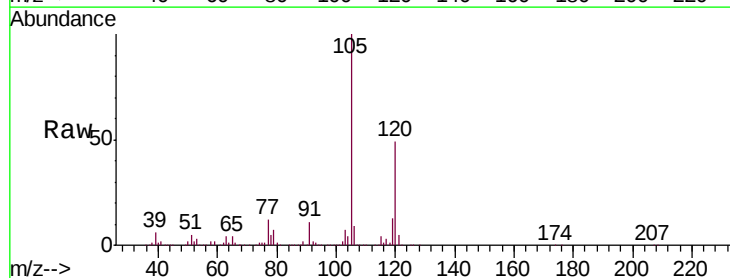
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

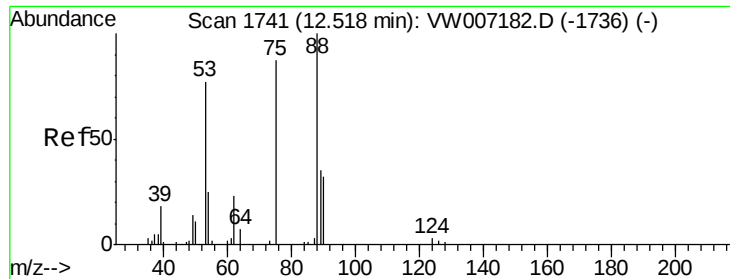
Tgt Ion: 91 Resp: 416456
 Ion Ratio Lower Upper
 91 100
 126 35.0 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 94.412 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion: 105 Resp: 534966
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 101.890 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

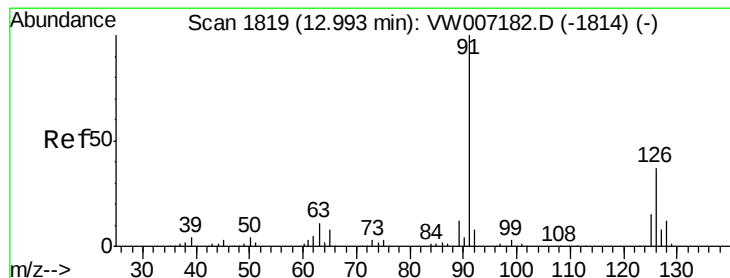
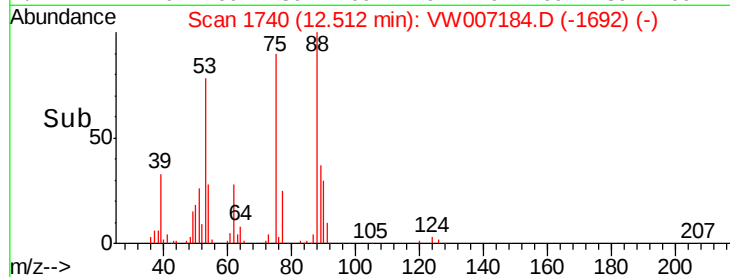
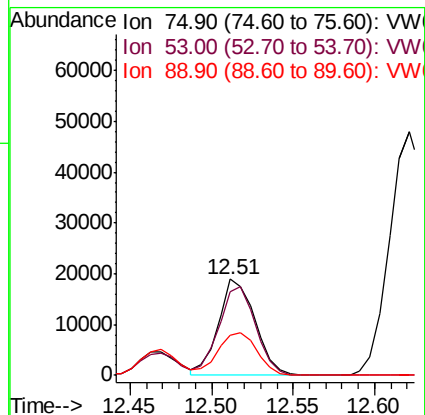
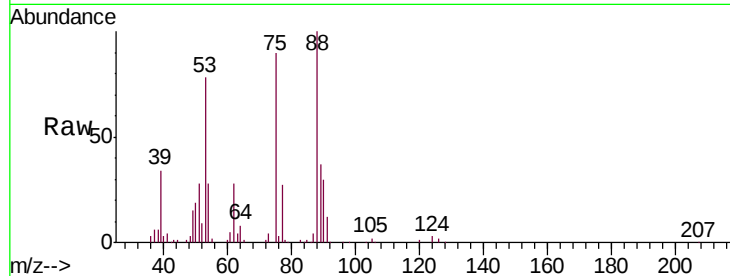
Tgt Ion: 75 Resp: 29809

Ion Ratio Lower Upper

75 100

53 93.0 72.8 109.2

89 47.5 36.4 54.6



#82

4-Chlorotoluene

Concen: 94.101 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007184.D

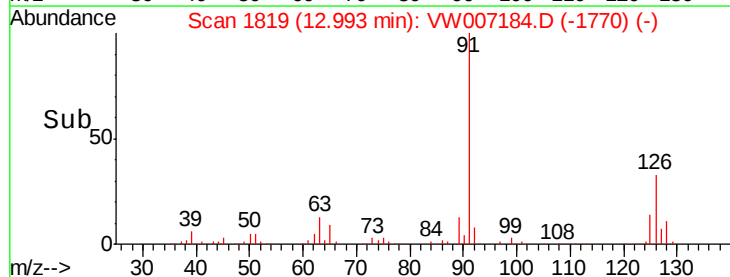
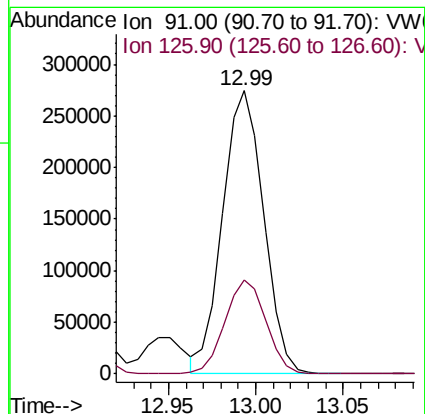
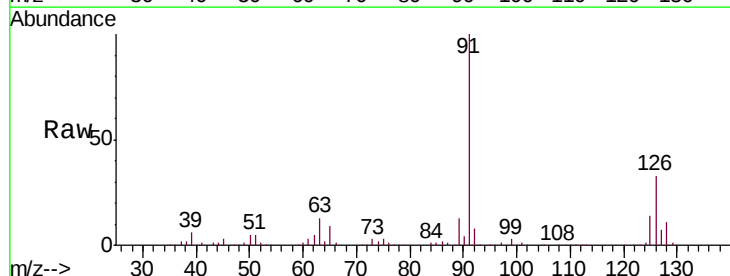
Acq: 04 Dec 2018 13:20

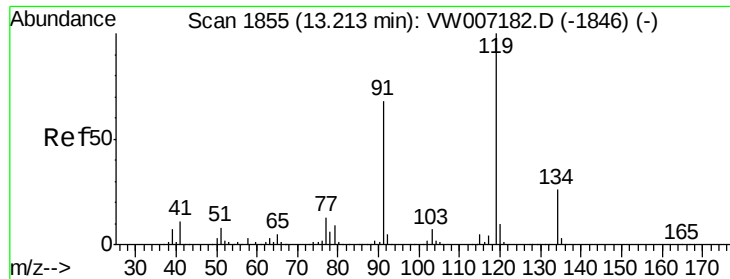
Tgt Ion: 91 Resp: 446095

Ion Ratio Lower Upper

91 100

126 33.2 17.4 52.3





#83

tert-Butylbenzene

Concen: 95.466 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

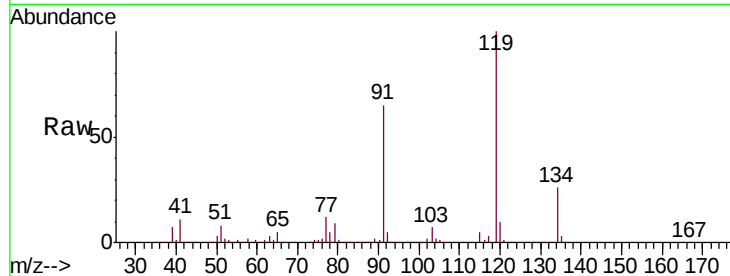
Tgt Ion:119 Resp: 472723

Ion Ratio Lower Upper

119 100

91 64.7 34.0 101.8

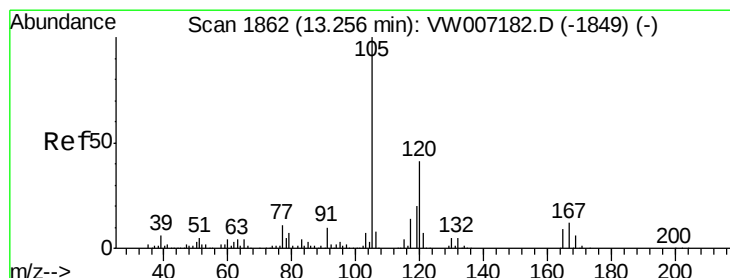
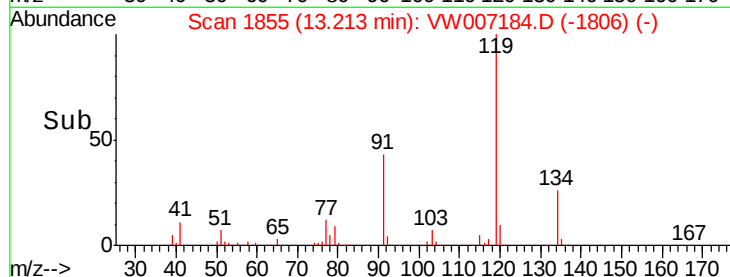
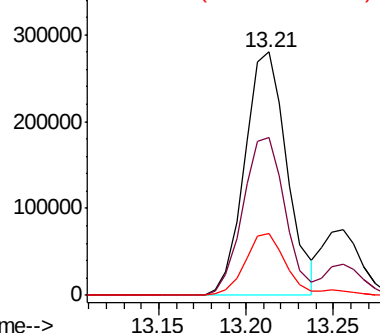
134 24.4 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 92.803 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007184.D

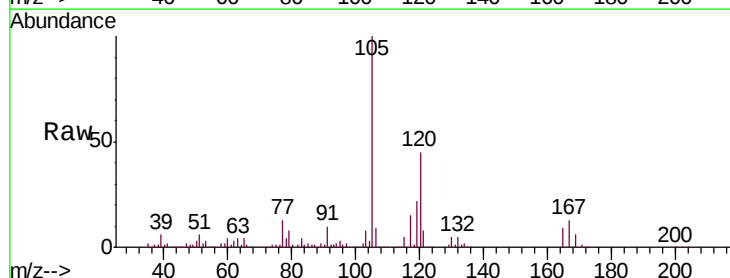
Acq: 04 Dec 2018 13:20

Tgt Ion:105 Resp: 536774

Ion Ratio Lower Upper

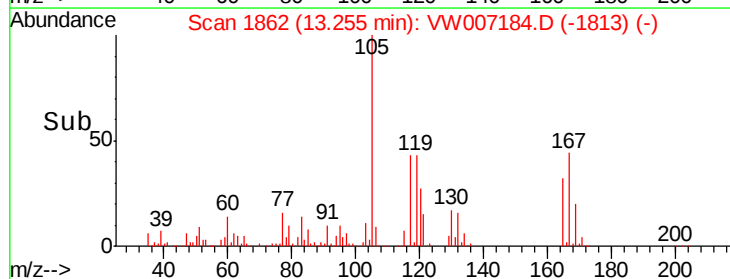
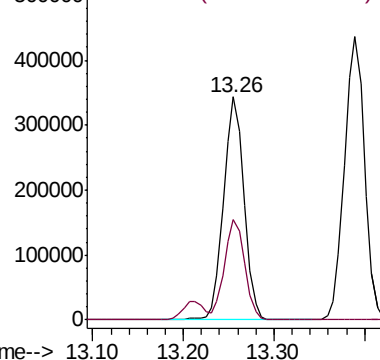
105 100

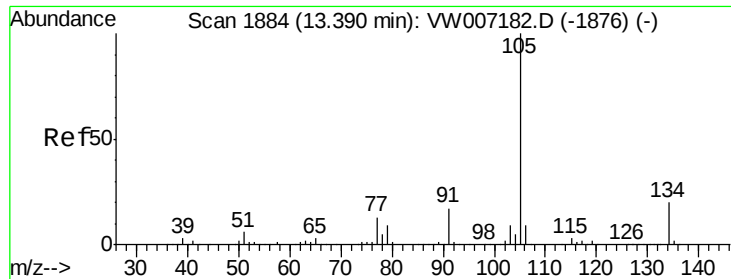
120 44.2 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

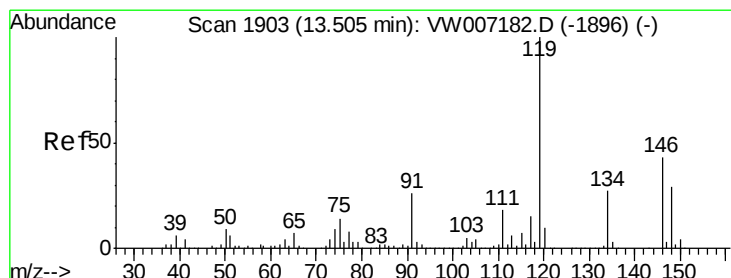
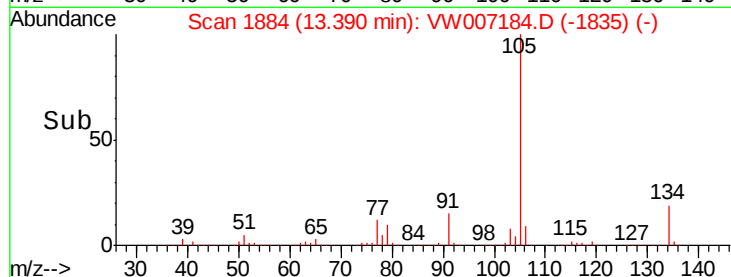
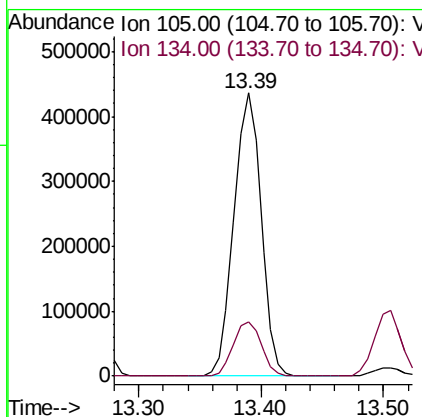
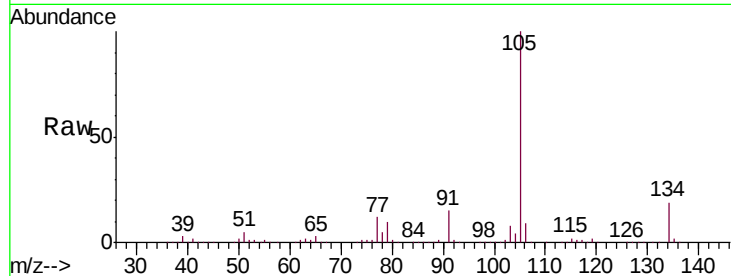




#85
 sec-Butylbenzene
 Concen: 94.991 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

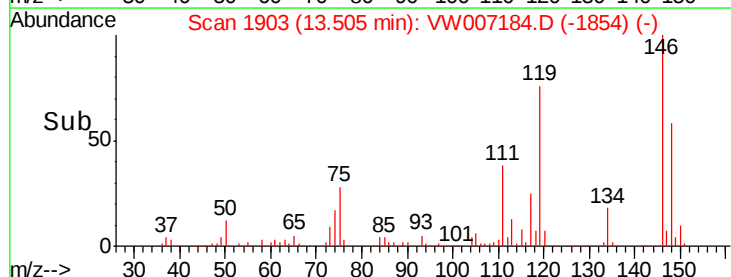
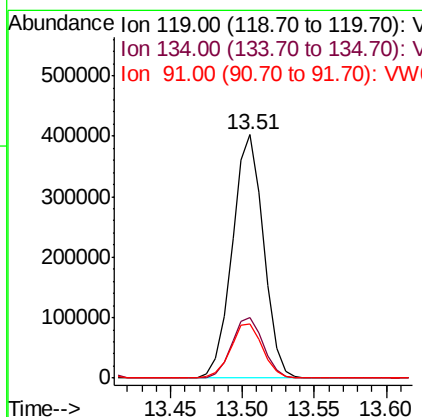
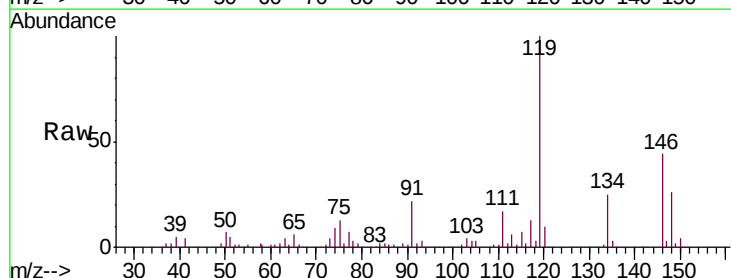
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

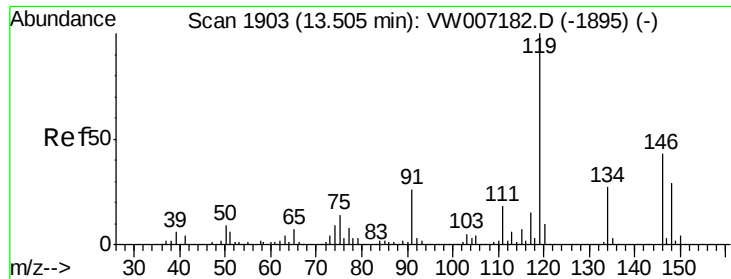
Tgt Ion:105 Resp: 671505
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 96.345 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion:119 Resp: 606293
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.6
 91 23.0 12.4 37.2

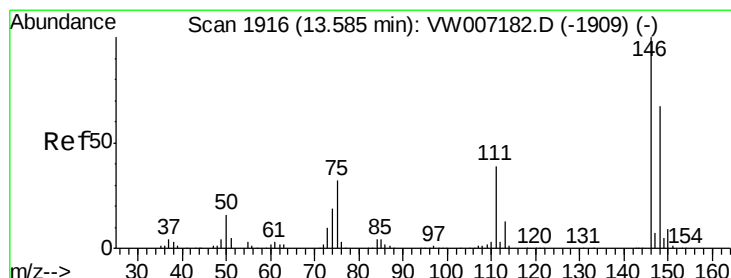
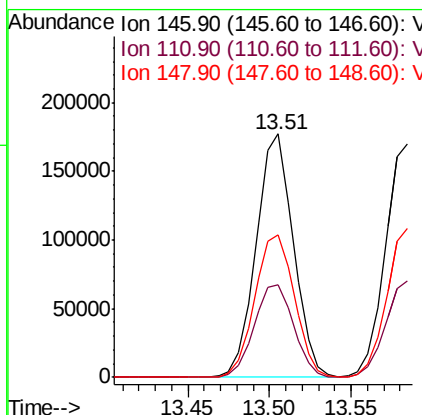
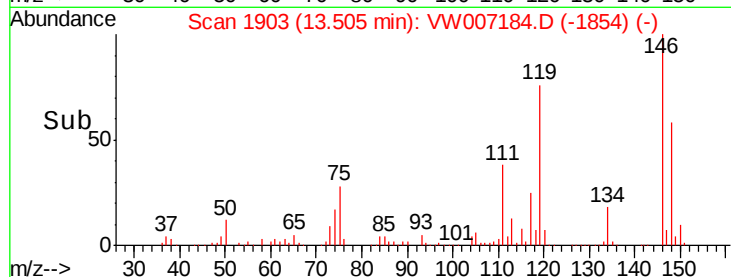
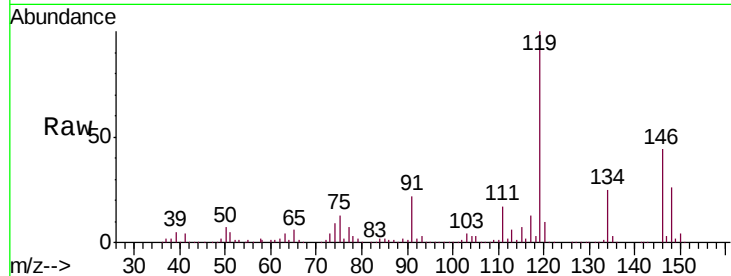




#87
 1,3-Dichlorobenzene
 Concen: 95.502 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

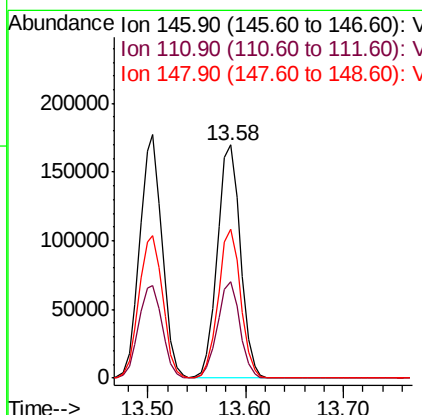
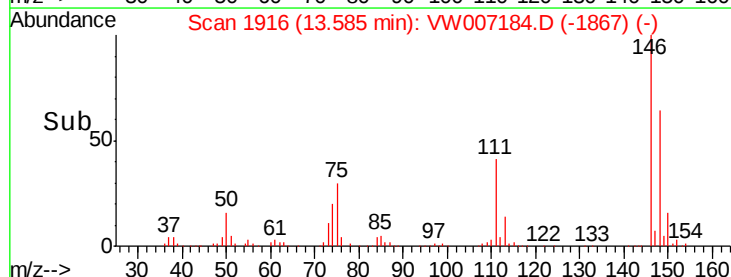
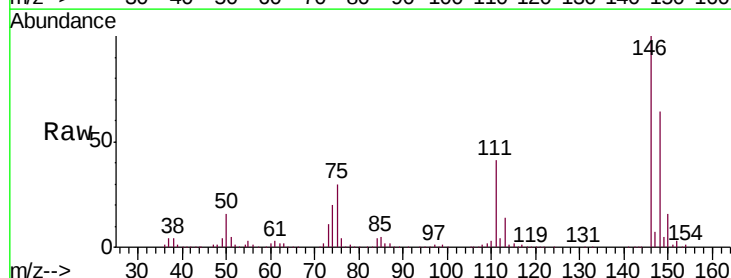
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

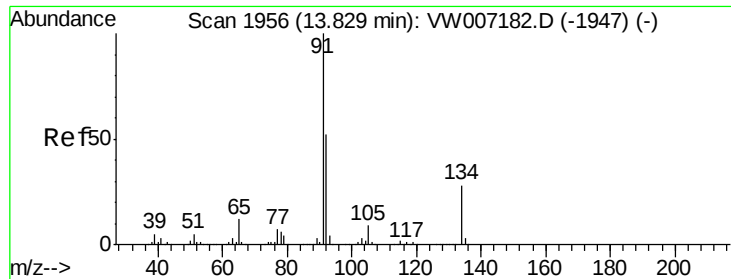
Tgt Ion:146 Resp: 280298
 Ion Ratio Lower Upper
 146 100
 111 40.4 21.1 63.4
 148 62.1 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 93.671 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion:146 Resp: 277703
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.6 58.8
 148 62.6 32.6 98.0





#89

n-Butylbenzene

Concen: 94.181 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

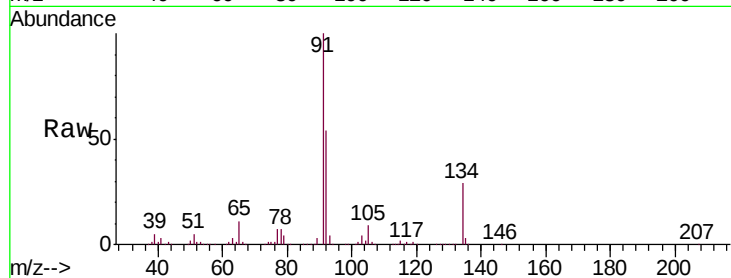
Tgt Ion: 91 Resp: 553836

Ion Ratio Lower Upper

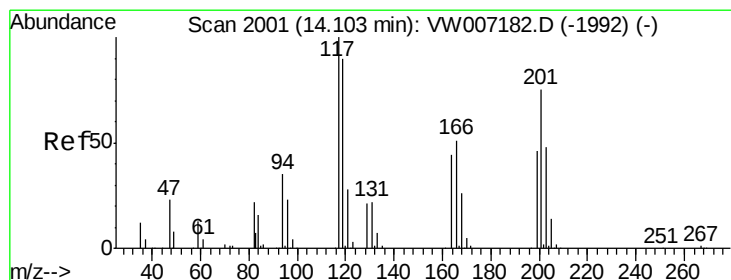
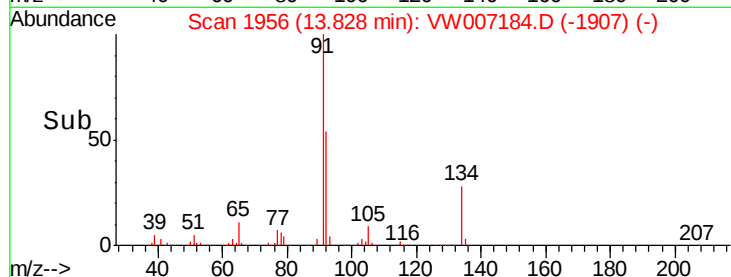
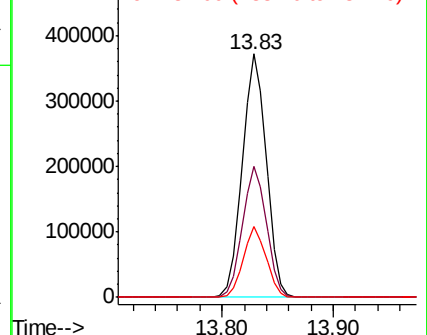
91 100

92 53.8 26.5 79.5

134 27.8 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 97.528 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007184.D

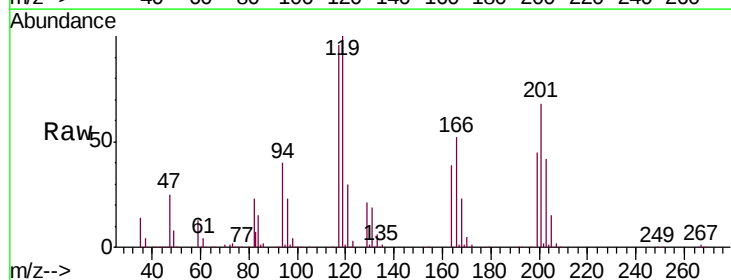
Acq: 04 Dec 2018 13:20

Tgt Ion: 117 Resp: 93526

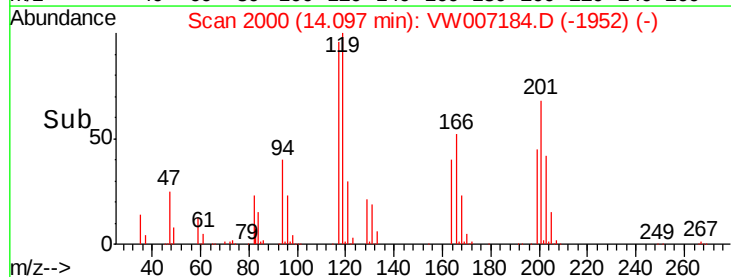
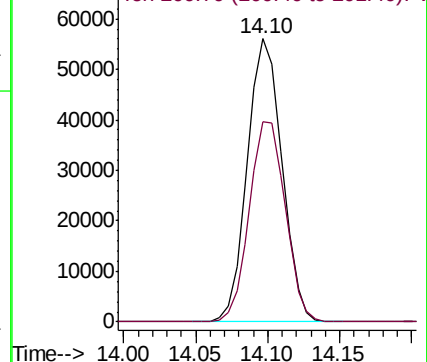
Ion Ratio Lower Upper

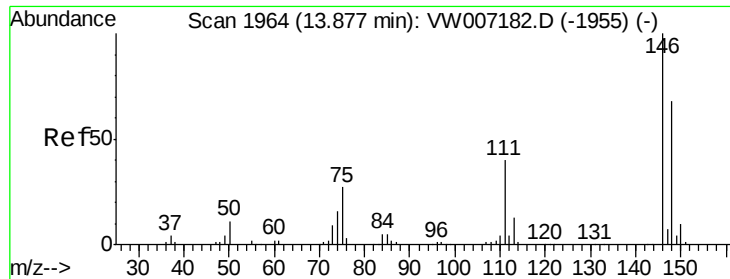
117 100

201 73.1 36.0 108.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

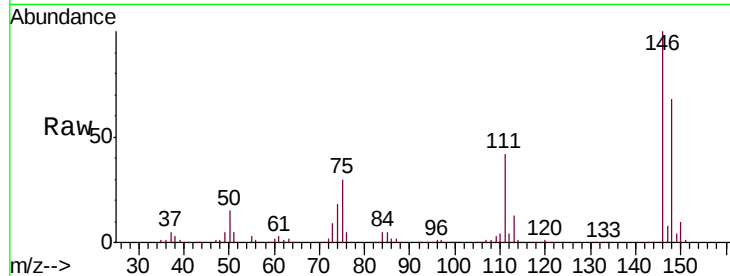




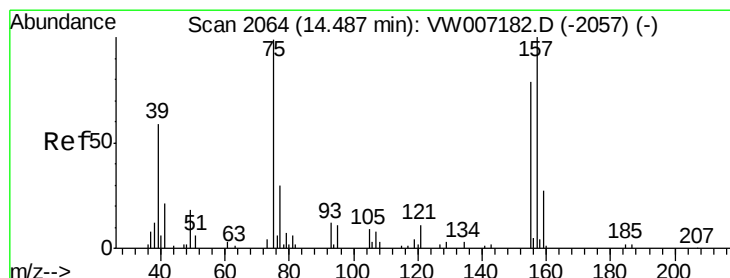
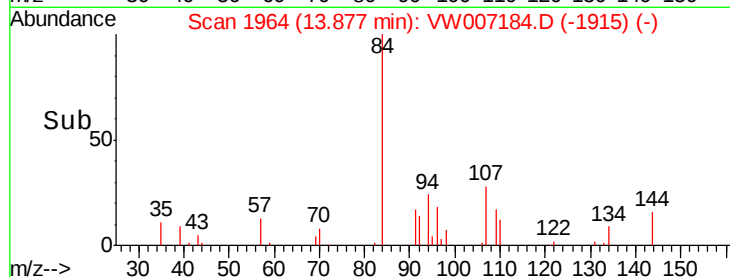
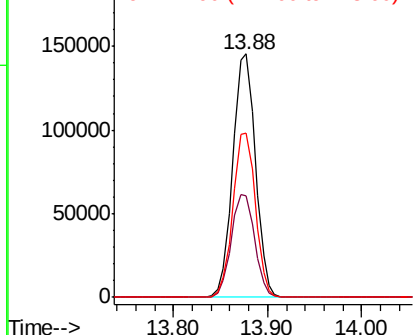
#91
 1,2-Dichlorobenzene
 Concen: 95.879 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 146 Resp: 243612
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 65.0
 148 67.1 32.7 98.1

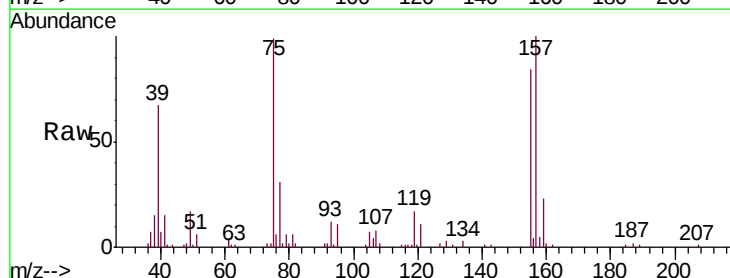


Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

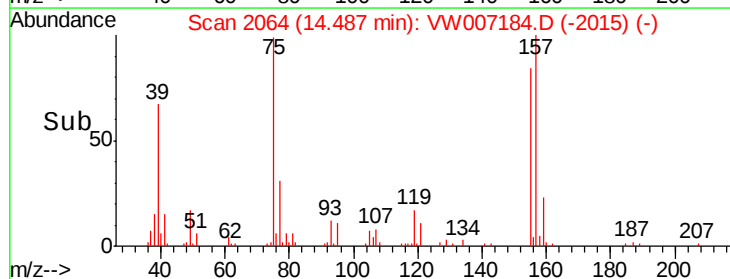
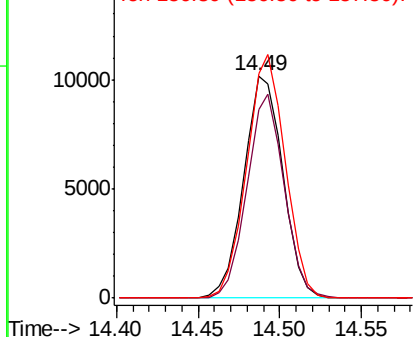


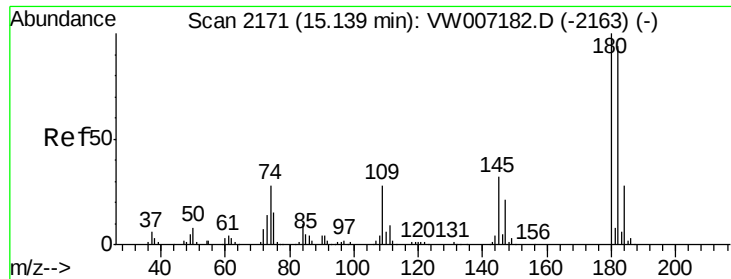
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.837 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion: 75 Resp: 16970
 Ion Ratio Lower Upper
 75 100
 155 87.2 42.4 127.2
 157 108.0 55.3 165.9



Abundance Ion 74.90 (74.60 to 75.60): VW
 15000 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

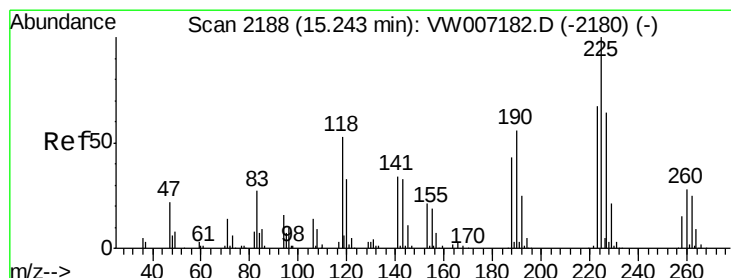
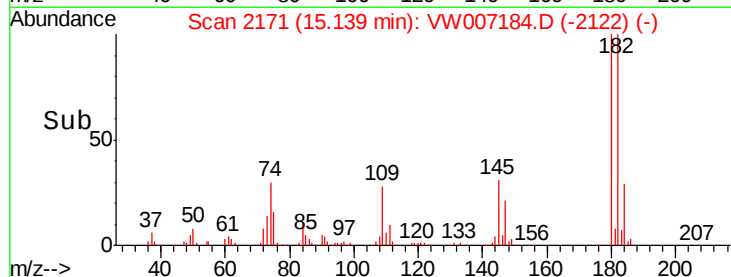
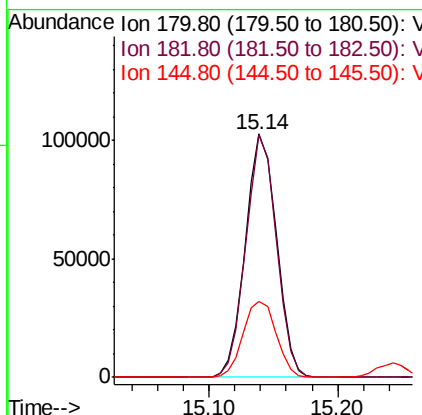
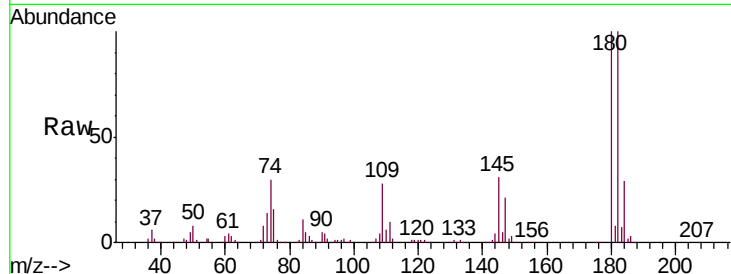




#93
 1,2,4-Trichlorobenzene
 Concen: 97.563 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

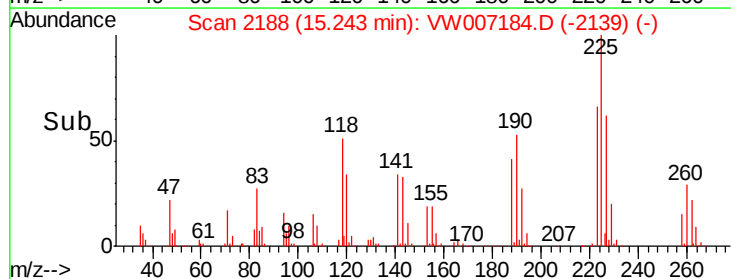
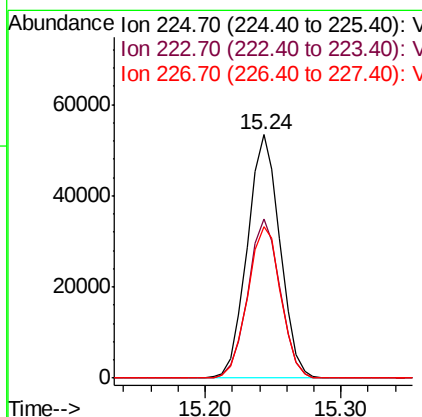
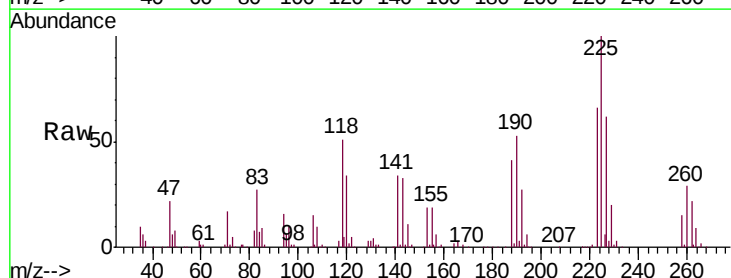
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

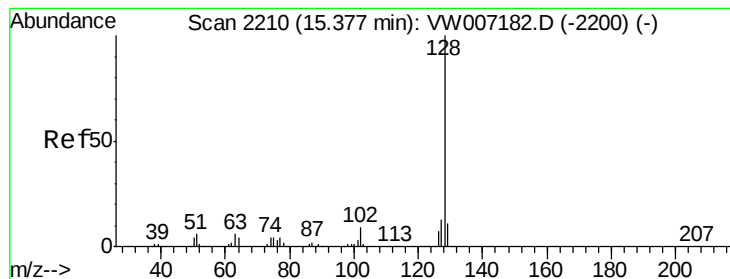
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.9	143.8
145	33.2	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 94.364 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007184.D
 Acq: 04 Dec 2018 13:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.3	96.8
227	63.4	32.1	96.3





#95

Naphthalene

Concen: 101.841 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

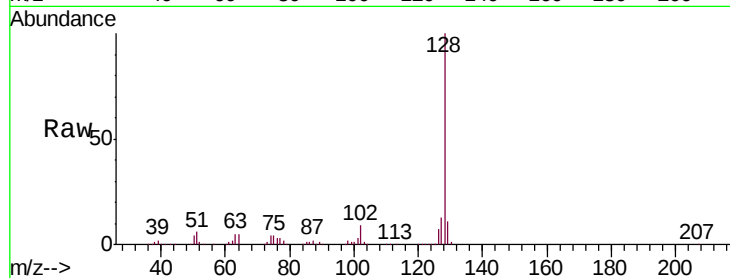
Tgt Ion:128 Resp: 321384

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

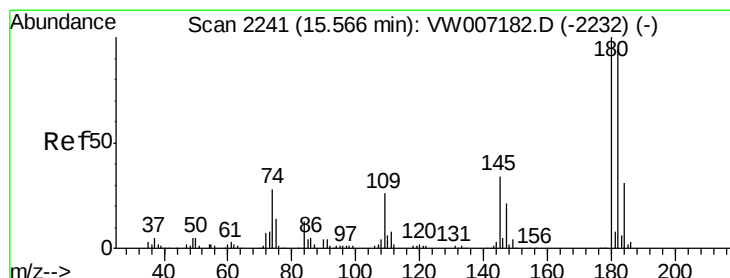
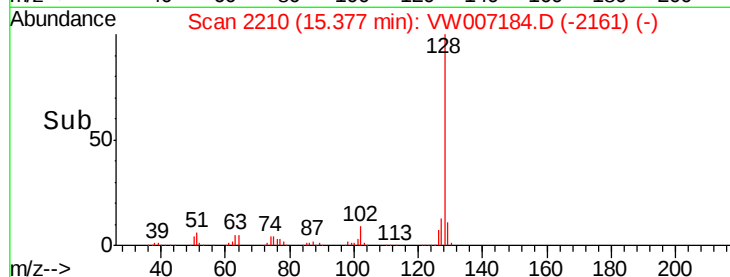
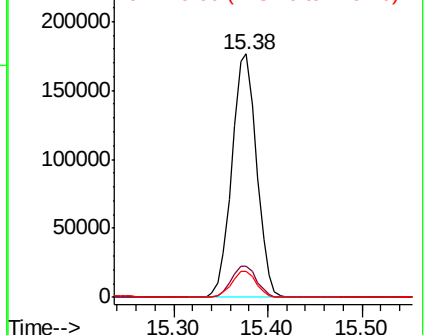
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 98.853 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007184.D

Acq: 04 Dec 2018 13:20

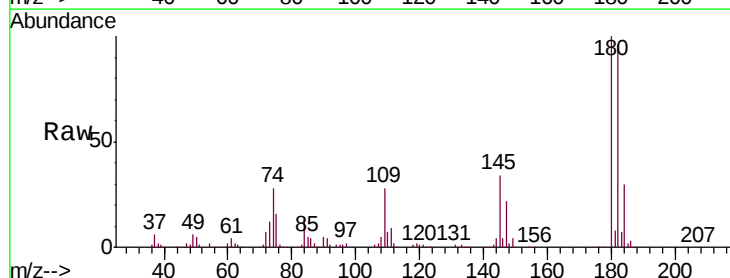
Tgt Ion:180 Resp: 146773

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 34.5 17.6 52.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

