

Data File : VW006787.D
Acq On : 09 Nov 2018 14:23
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Nov 09 14:46:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 09 13:58:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	318754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	420540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	412454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	237222	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	215011	78.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.94%	
35) Dibromofluoromethane	7.89	113	231226	87.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.22%	
50) Toluene-d8	10.33	98	970019	96.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.10%	
62) 4-Bromofluorobenzene	12.62	95	357214	98.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	250374	151.520	ug/l	98
3) Chloromethane	2.21	50	298242	145.874	ug/l	100
4) Vinyl Chloride	2.35	62	317740	111.302	ug/l	100
5) Bromomethane	2.78	94	201510	84.110	ug/l	98
6) Chloroethane	2.92	64	202788	101.666	ug/l	99
7) Trichlorofluoromethane	3.26	101	407877	161.795	ug/l	96
8) Diethyl Ether	3.69	74	121637	88.268	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	259661	96.458	ug/l	100
10) Methyl Iodide	4.28	142	406889	83.362	ug/l	99
11) Tert butyl alcohol	5.21	59	82714	560.284	ug/l	98
12) 1,1-Dichloroethene	4.04	96	236229	90.857	ug/l	99
13) Acrolein	3.90	56	84787	456.638	ug/l	99
14) Allyl chloride	4.67	41	320745	94.508	ug/l	99
15) Acrylonitrile	5.38	53	259481	525.149	ug/l	99
16) Acetone	4.15	43	168422	380.726	ug/l	100
17) Carbon Disulfide	4.39	76	792709	107.140	ug/l	100
18) Methyl Acetate	4.68	43	119636	94.050	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	586398	151.519	ug/l	99
20) Methylene Chloride	4.92	84	274465	79.685	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	273701	93.031	ug/l	99
22) Diisopropyl ether	6.32	45	677860	95.806	ug/l	99
23) Vinyl Acetate	6.26	43	1987671	506.592	ug/l	100
24) 1,1-Dichloroethane	6.22	63	427938	89.243	ug/l	99
25) 2-Butanone	7.18	43	290657	460.451	ug/l	100
26) 2,2-Dichloropropane	7.17	77	385277	133.380	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	298051	90.553	ug/l	99
28) Bromochloromethane	7.52	49	159800	83.925	ug/l	100
29) Tetrahydrofuran	7.54	42	196388	494.632	ug/l	99
30) Chloroform	7.68	83	464997	88.447	ug/l	99
31) Cyclohexane	7.96	56	405167	92.836	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	426612	95.896	ug/l	99
36) 1,1-Dichloropropene	8.09	75	377043	101.952	ug/l	100
37) Ethyl Acetate	7.26	43	138981	108.444	ug/l	99
38) Carbon Tetrachloride	8.07	117	396059	102.490	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	521185	111.052	ug/l	98
40) Benzene	8.33	78	1090396	103.804	ug/l	100
41) Methacrylonitrile	7.49	41	86678	110.295	ug/l	91
42) 1,2-Dichloroethane	8.40	62	288071	95.625	ug/l	99
43) Isopropyl Acetate	8.43	43	276187	107.994	ug/l	99
44) Trichloroethene	9.10	130	329257	101.576	ug/l	97
45) 1,2-Dichloropropane	9.37	63	251037	102.692	ug/l	99
46) Dibromomethane	9.46	93	142321	99.040	ug/l	98
47) Bromodichloromethane	9.65	83	342496	102.648	ug/l	99
48) Methyl methacrylate	9.44	41	134254	108.959	ug/l	98
49) 1,4-Dioxane	9.48	88	45348	2156.307	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	711059	541.370	ug/l	99
52) Toluene	10.39	92	781135	110.871	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	364506	113.511	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	416202	109.680	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	216264	106.069	ug/l	99
56) Ethyl methacrylate	10.65	69	263890	113.872	ug/l	97
57) 1,3-Dichloropropane	10.94	76	344221	103.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	635526	564.151	ug/l	100
59) 2-Hexanone	10.98	43	494323	554.124	ug/l	98
60) Dibromochloromethane	11.13	129	270528	111.986	ug/l	100
61) 1,2-Dibromoethane	11.24	107	211849	104.630	ug/l	100
64) Tetrachloroethene	10.87	164	318350	96.826	ug/l	99
65) Chlorobenzene	11.66	112	892575	102.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	297901	97.653	ug/l	100
67) Ethyl Benzene	11.74	91	1559191	107.478	ug/l	100
68) m/p-Xylenes	11.85	106	1273505	219.726	ug/l	99
69) o-Xylene	12.17	106	596763	108.152	ug/l	100
70) Styrene	12.19	104	988273	109.858	ug/l	100
71) Bromoform	12.35	173	174516	107.920	ug/l #	100
73) Isopropylbenzene	12.47	105	1648190	105.471	ug/l	100
74) N-amyl acetate	12.28	43	280391	103.834	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	239956	97.221	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	316313	170.899	ug/l #	100
77) Bromobenzene	12.75	156	405070	100.115	ug/l	99
78) n-propylbenzene	12.81	91	1922615	106.963	ug/l	99
79) 2-Chlorotoluene	12.90	91	1062093	102.960	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1388343	105.749	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	75475	118.419	ug/l	98
82) 4-Chlorotoluene	12.99	91	1130844	103.620	ug/l	100
83) tert-Butylbenzene	13.21	119	1224548	104.593	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1419088	105.382	ug/l	100
85) sec-Butylbenzene	13.39	105	1727353	105.342	ug/l	100
86) p-Isopropyltoluene	13.51	119	1587153	106.375	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	812685	101.991	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	795401	100.704	ug/l	99
89) n-Butylbenzene	13.83	91	1442718	108.929	ug/l	99
90) Hexachloroethane	14.10	117	252640	103.025	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	703038	98.087	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	38662	96.537	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110918\
Quantitation Report (Not Reviewed)

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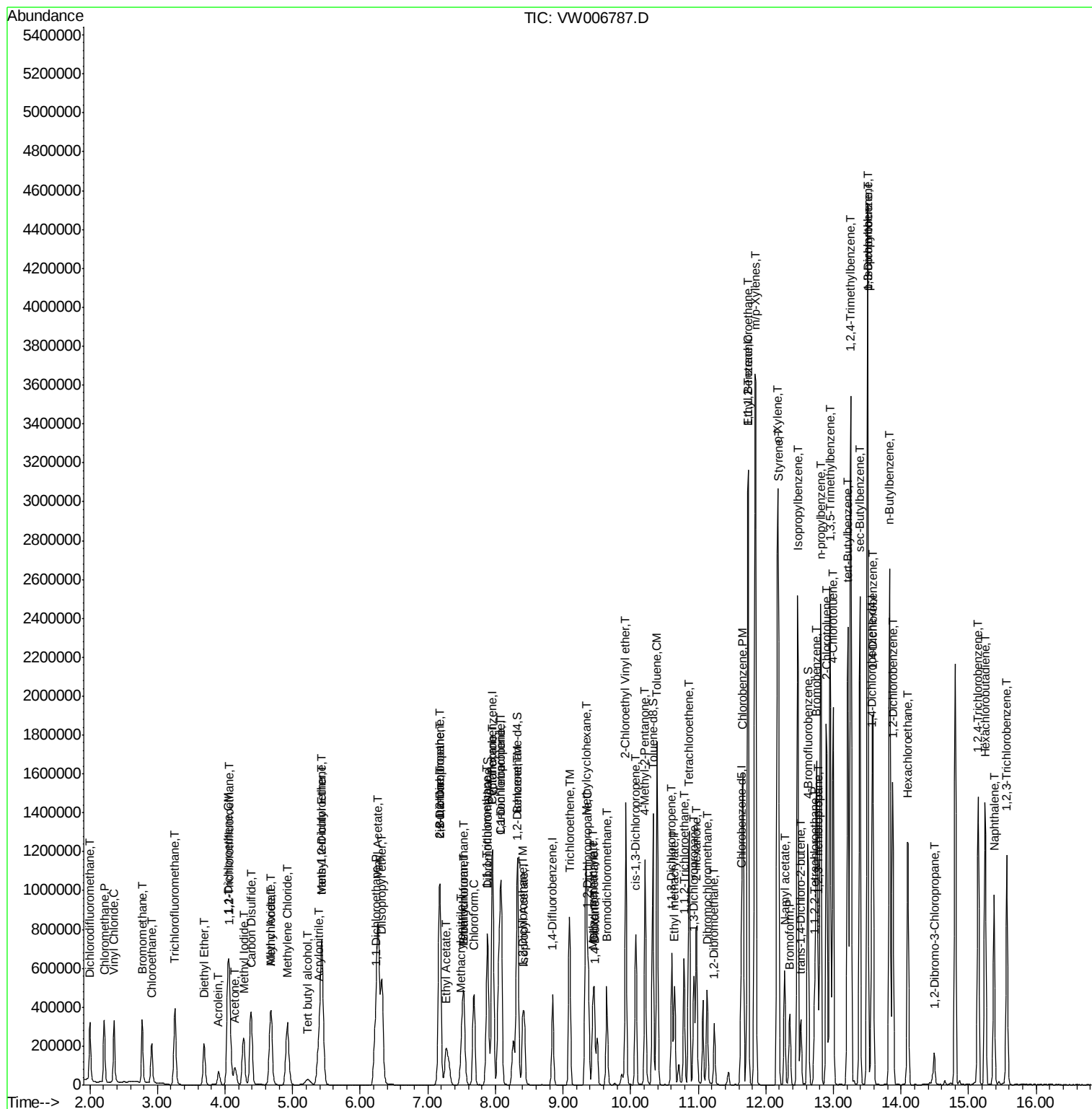
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	523600	98.245	ug/l	100
94) Hexachlorobutadiene	15.24	225	310918	93.604	ug/l	99
95) Naphthalene	15.38	128	890116	103.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	451409	96.372	ug/l	99

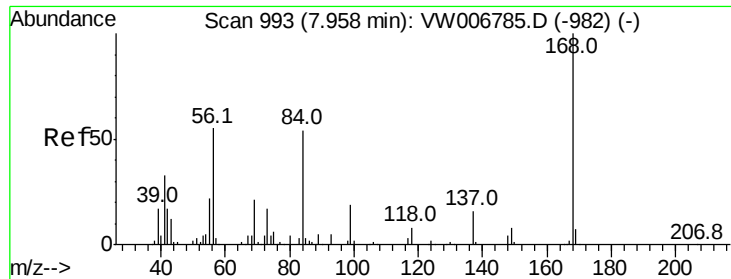
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

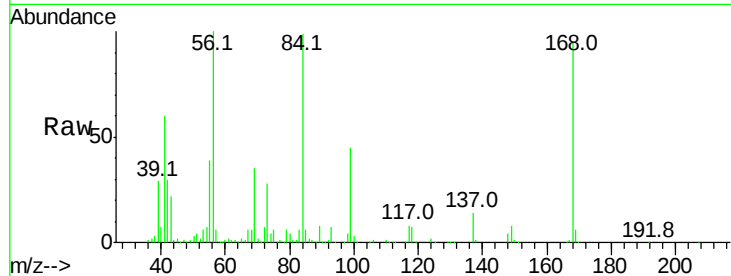
VSTDIC100

Tgt Ion:168 Resp: 318754

Ion Ratio Lower Upper

168 100

99 47.7 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

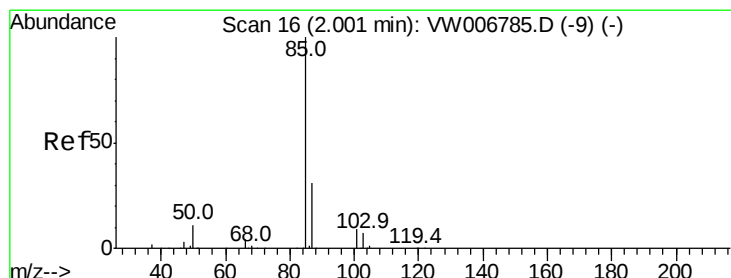
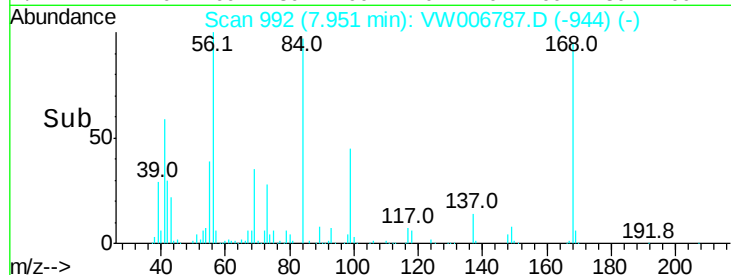
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 151.520 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006787.D

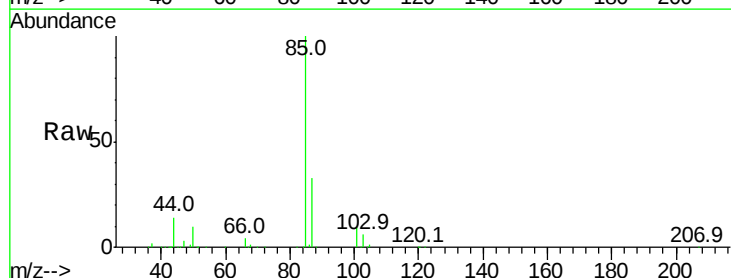
Acq: 09 Nov 2018 14:23

Tgt Ion: 85 Resp: 250374

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200000

150000

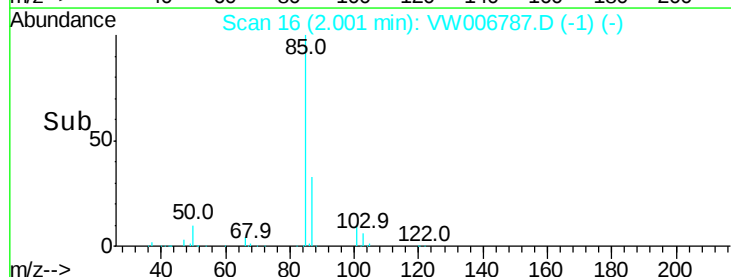
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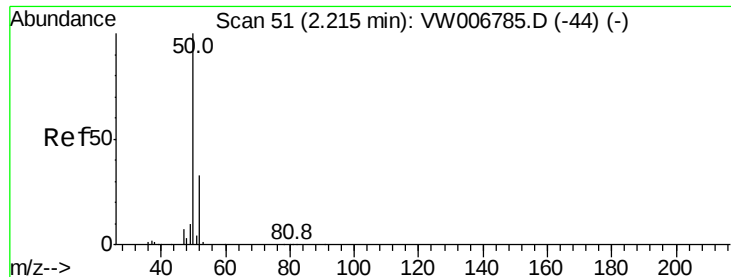
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 145.874 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

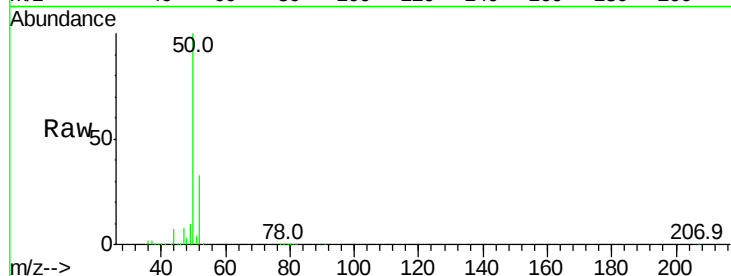
VSTDIC100

Tgt Ion: 50 Resp: 298242

Ion Ratio Lower Upper

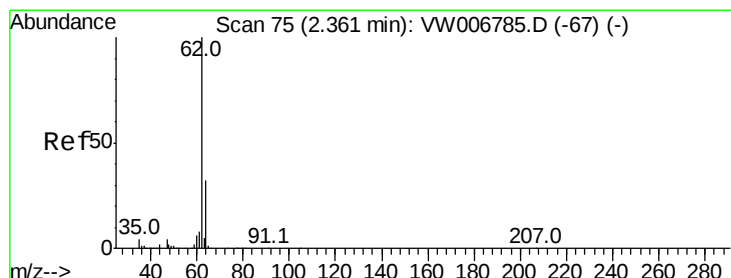
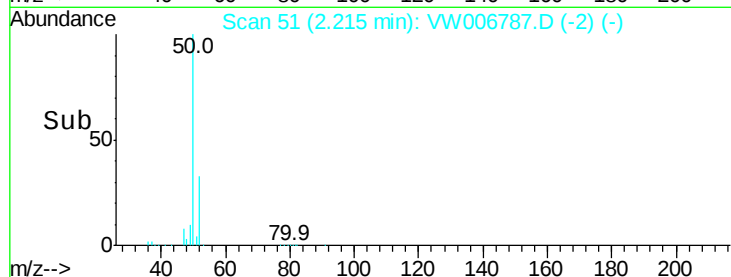
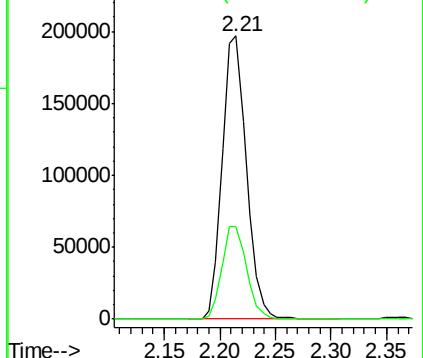
50 100

52 32.9 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 111.302 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006787.D

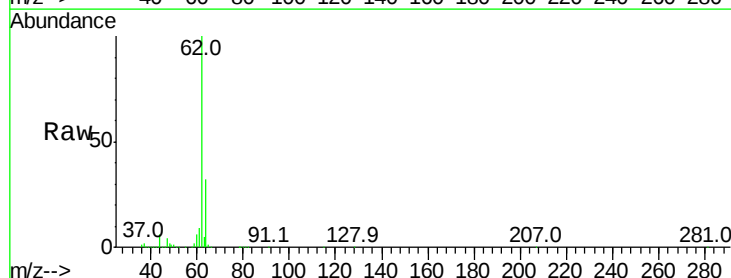
Acq: 09 Nov 2018 14:23

Tgt Ion: 62 Resp: 317740

Ion Ratio Lower Upper

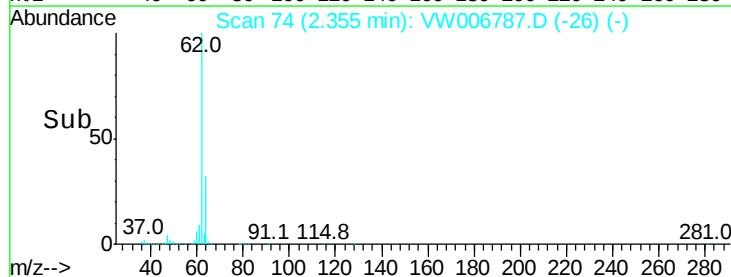
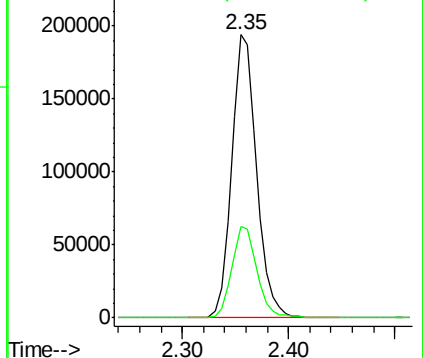
62 100

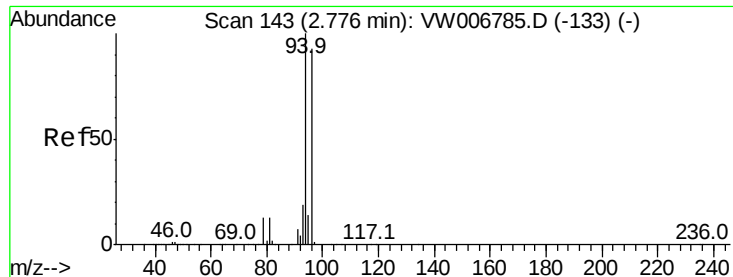
64 32.2 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 84.110 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006787.D

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Instrument :

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ClientSampleId :

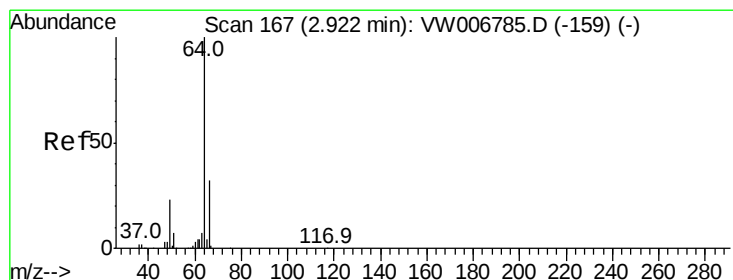
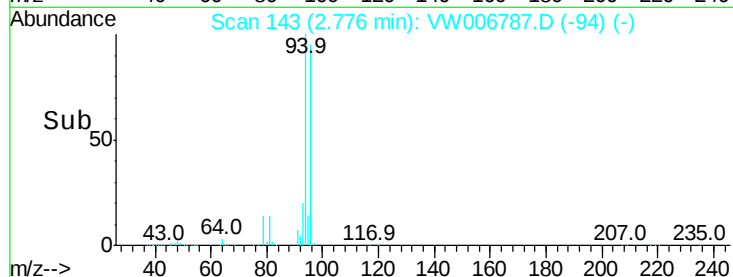
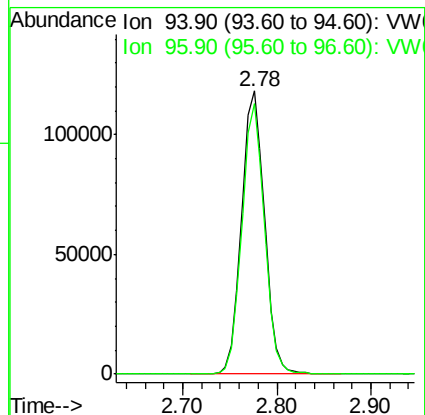
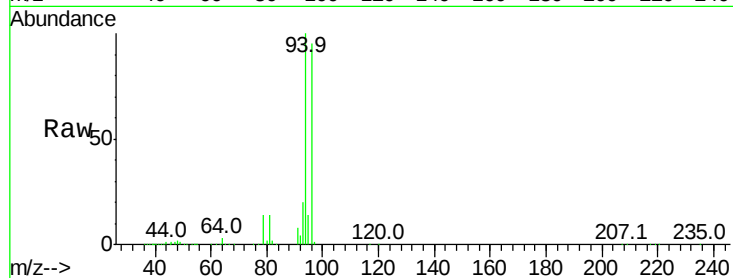
VSTDIC100

Tgt Ion: 94 Resp: 201510

Ion Ratio Lower Upper

94 100

96 95.5 74.5 111.7



#6

Chloroethane

Concen: 101.666 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006787.D

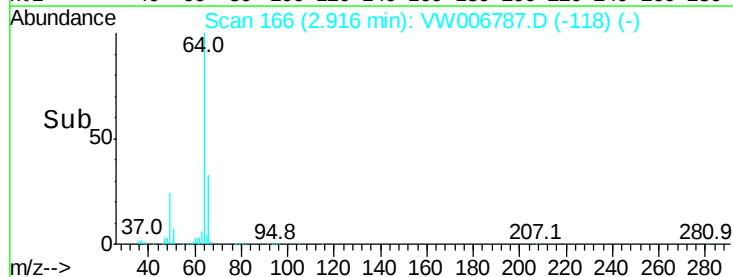
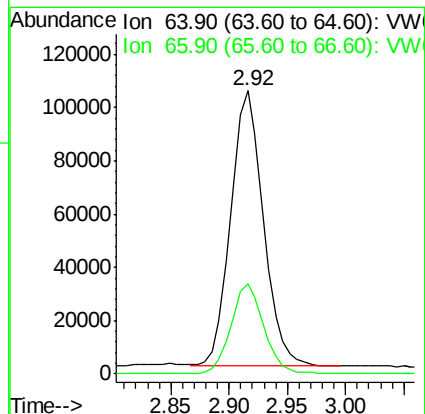
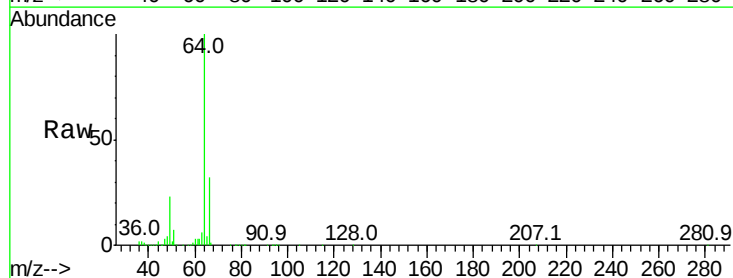
Acq: 09 Nov 2018 14:23

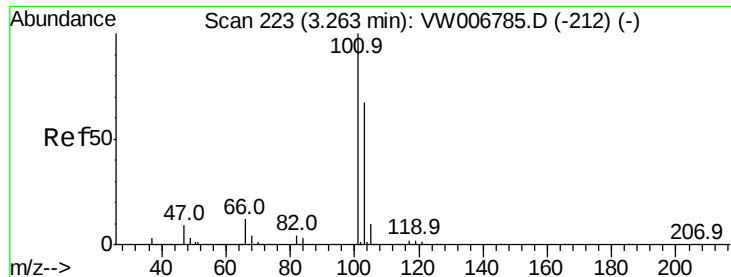
Tgt Ion: 64 Resp: 202788

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2



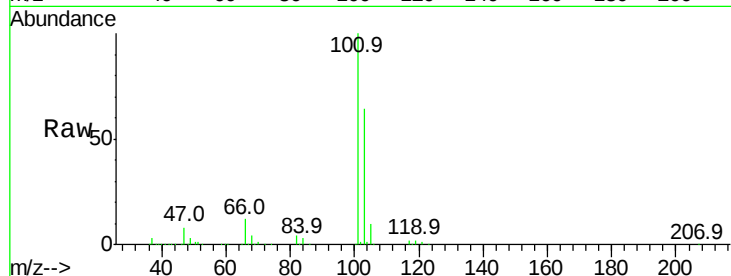


#7

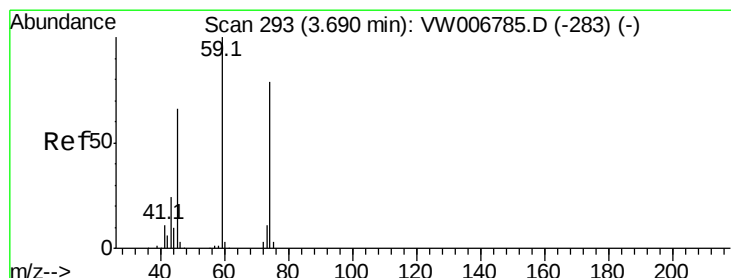
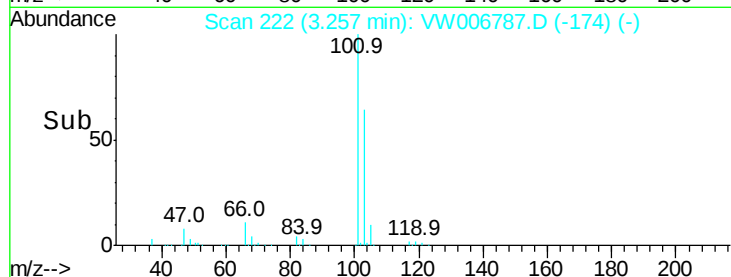
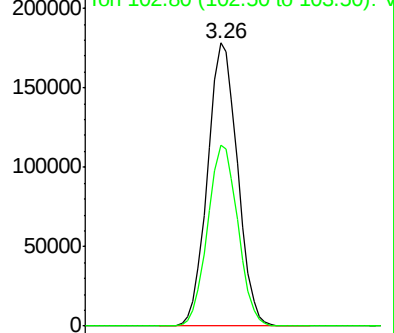
Trichlorofluoromethane
 Concen: 161.795 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006787.D
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Instrument :
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Tgt Ion: 101 Resp: 407877
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.4 80.0



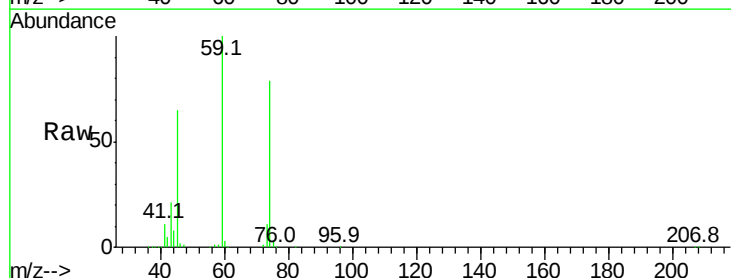
Abundance Ion 100.90 (100.60 to 101.60): V



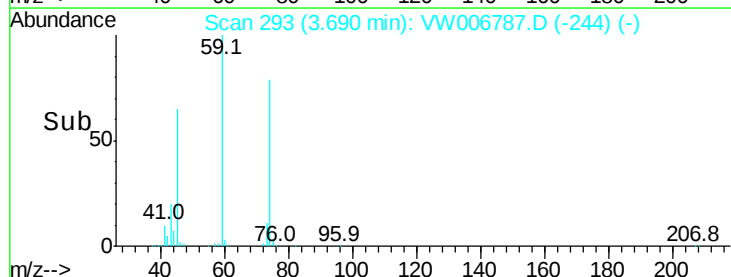
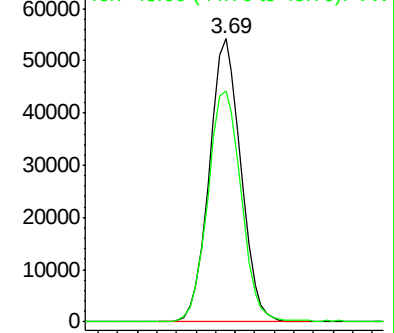
#8

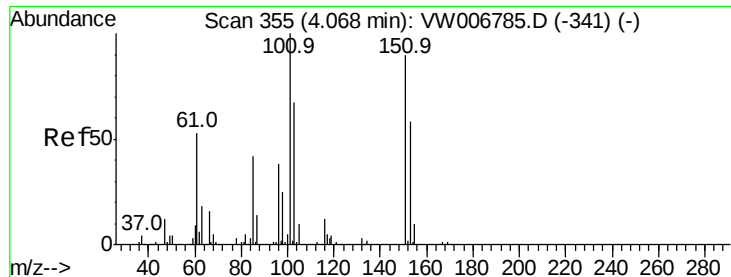
Diethyl Ether
 Concen: 88.268 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006787.D
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Tgt Ion: 74 Resp: 121637
 Ion Ratio Lower Upper
 74 100
 45 86.5 44.0 132.1



Abundance Ion 74.00 (73.70 to 74.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.458 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

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VSTDIC100

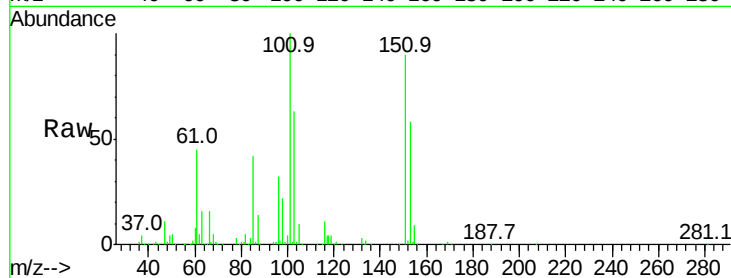
Tgt Ion:101 Resp: 259661

Ion Ratio Lower Upper

101 100

85 42.4 34.0 51.0

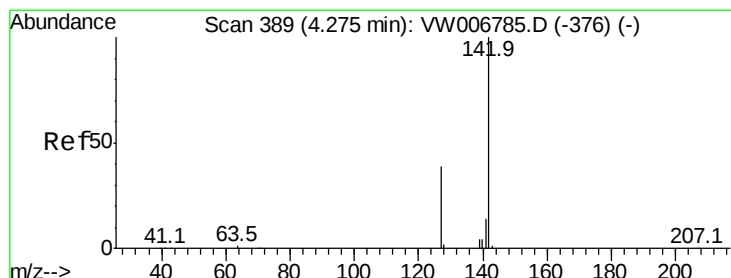
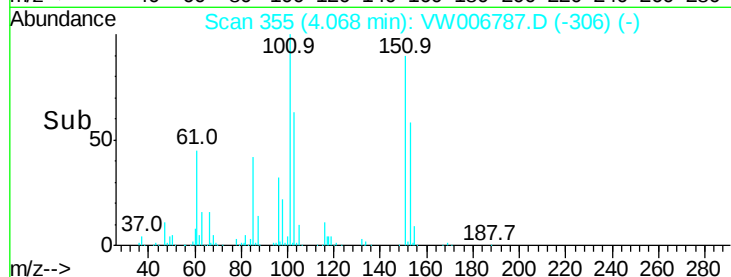
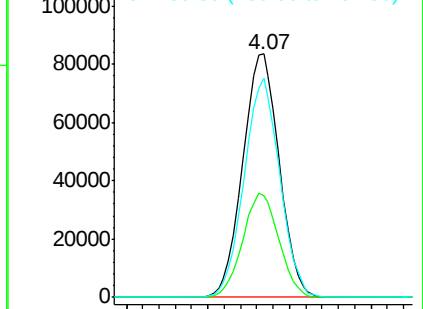
151 88.2 70.7 106.1



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: 83.362 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

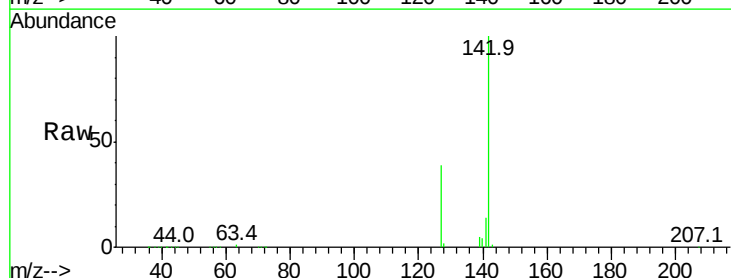
Tgt Ion:142 Resp: 406889

Ion Ratio Lower Upper

142 100

127 39.8 32.3 48.5

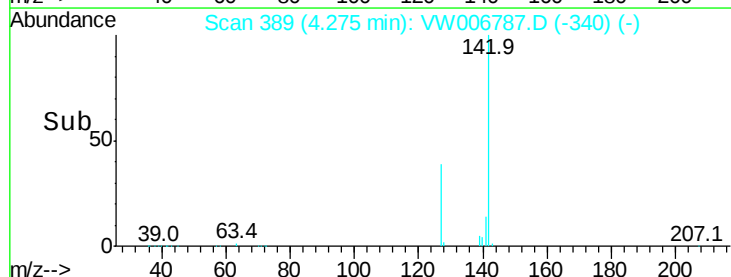
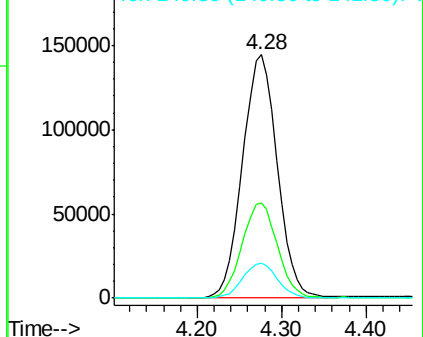
141 14.3 11.4 17.0

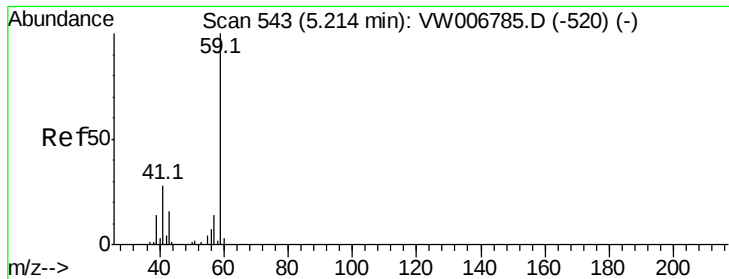


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



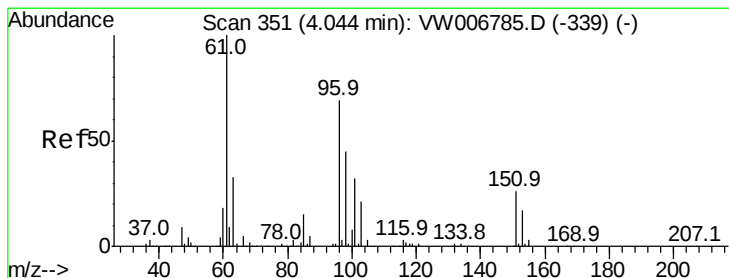
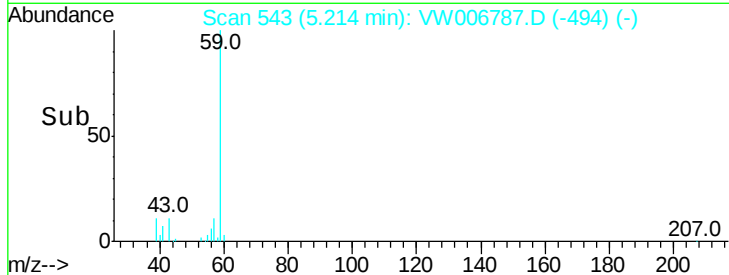
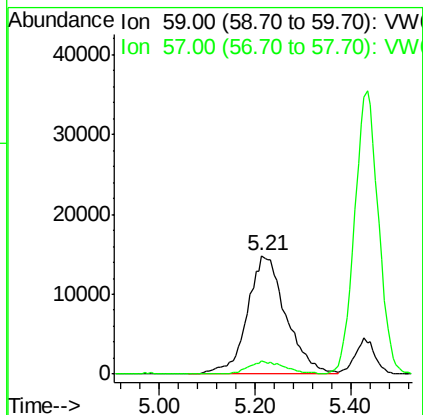
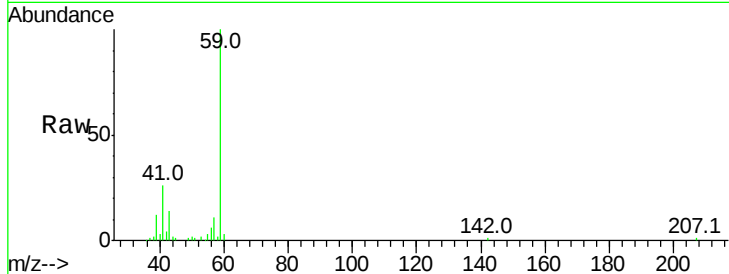


#11

Tert butyl alcohol
 Concen: 560.284 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

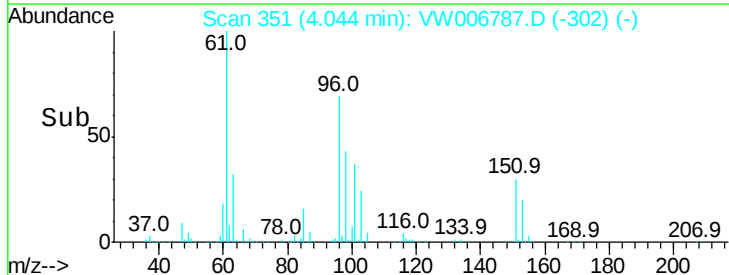
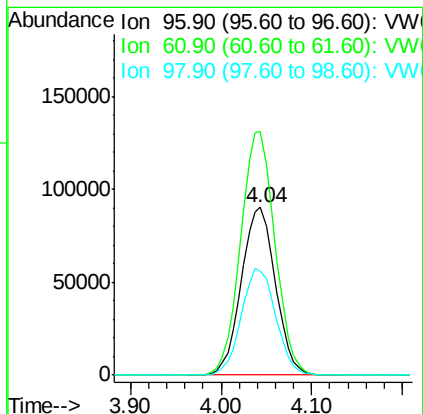
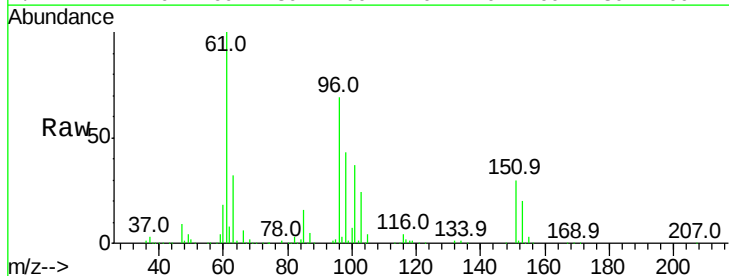
Tgt Ion: 59 Resp: 82714
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.7 13.1

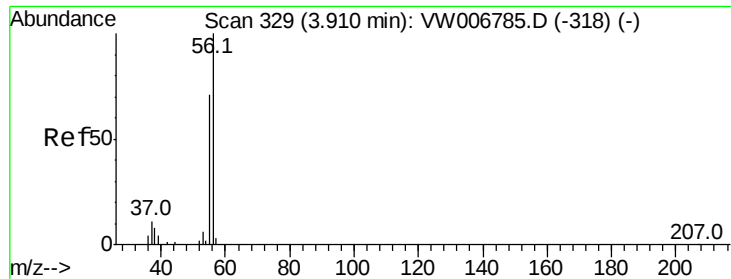


#12

1,1-Dichloroethene
 Concen: 90.857 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion: 96 Resp: 236229
 Ion Ratio Lower Upper
 96 100
 61 145.4 116.0 174.0
 98 62.0 52.0 78.0





#13

Acrolein

Concen: 456.638 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

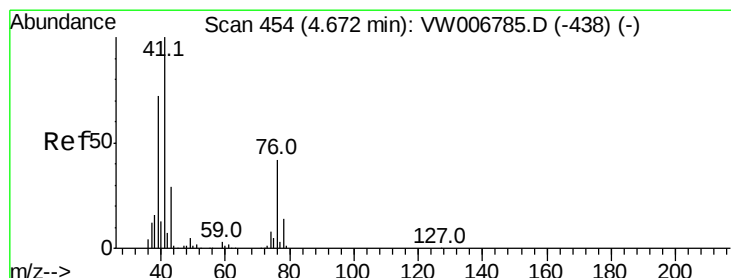
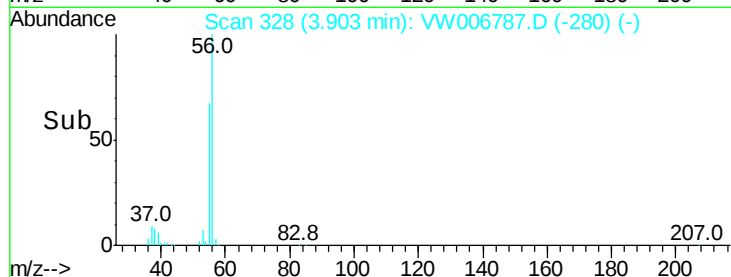
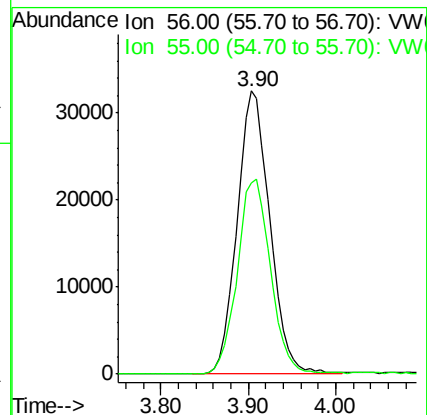
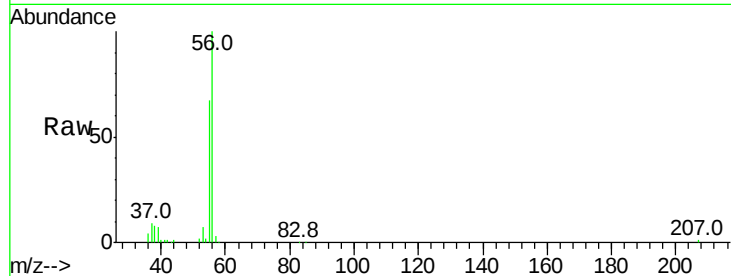
VSTDIC100

Tgt Ion: 56 Resp: 84787

Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3



#14

Allyl chloride

Concen: 94.508 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

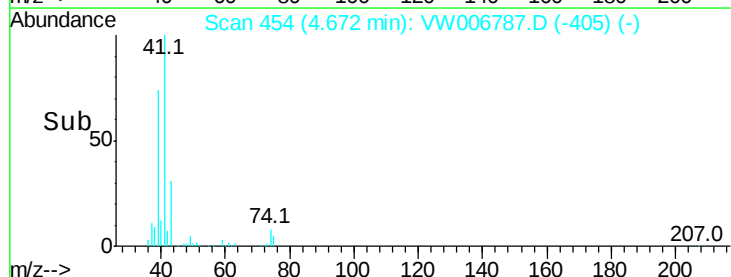
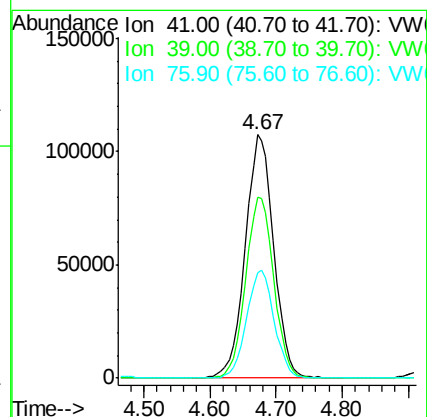
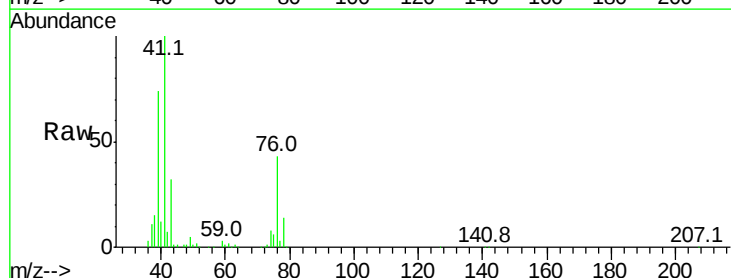
Tgt Ion: 41 Resp: 320745

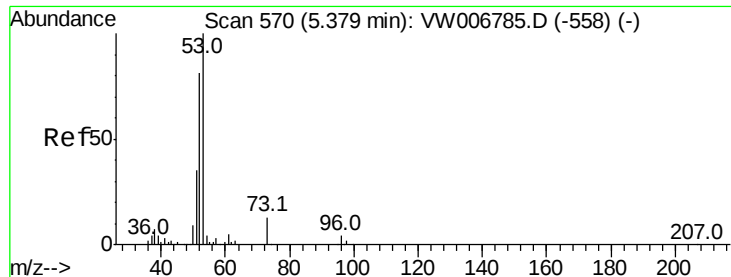
Ion Ratio Lower Upper

41 100

39 73.7 60.0 90.0

76 43.1 34.2 51.4





#15

Acrylonitrile

Concen: 525.149 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

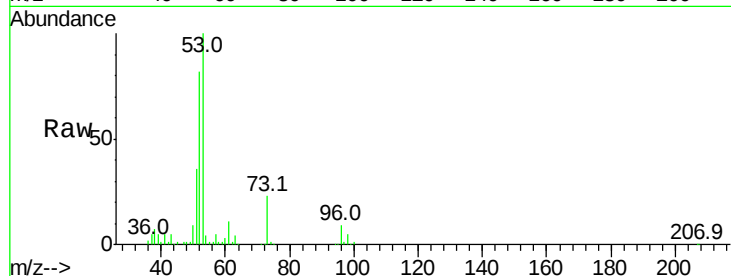
Tgt Ion: 53 Resp: 259481

Ion Ratio Lower Upper

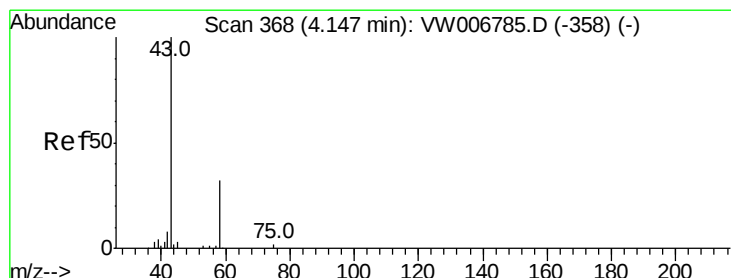
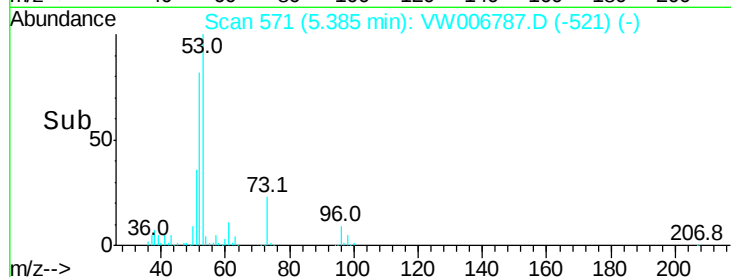
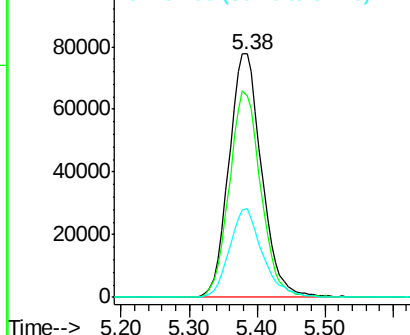
53 100

52 81.8 65.2 97.8

51 36.8 30.2 45.4



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: 380.726 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.00 min

Lab File: VW006787.D

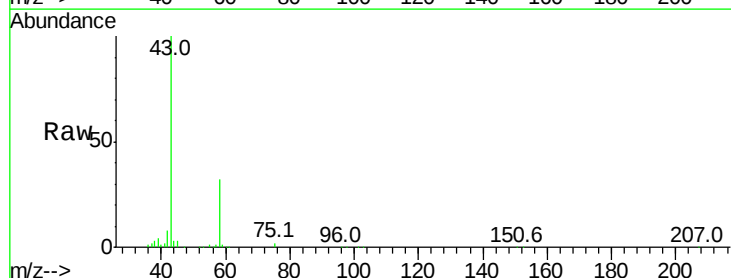
Acq: 09 Nov 2018 14:23

Tgt Ion: 43 Resp: 168422

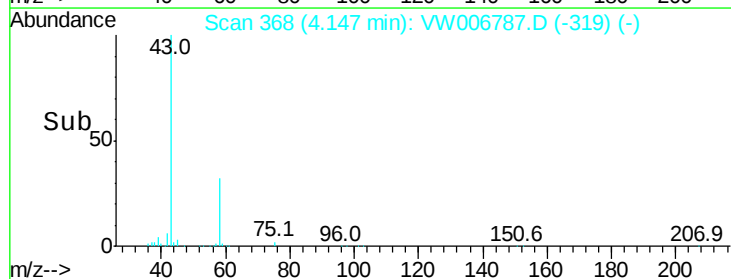
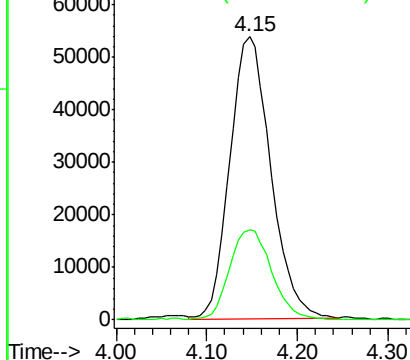
Ion Ratio Lower Upper

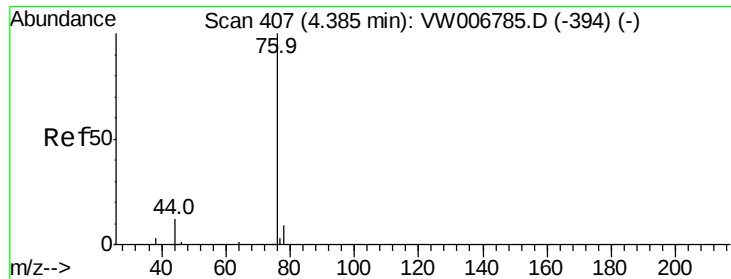
43 100

58 31.8 25.4 38.0



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

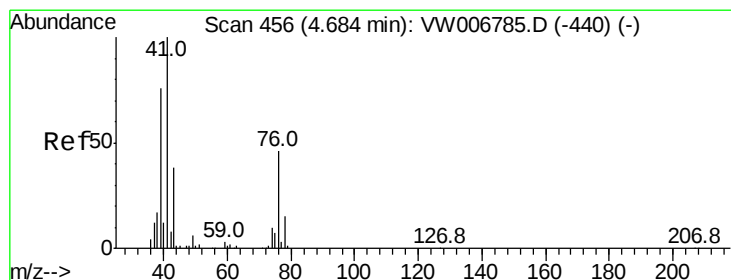
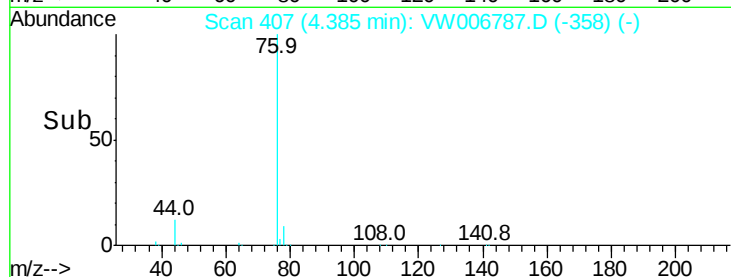
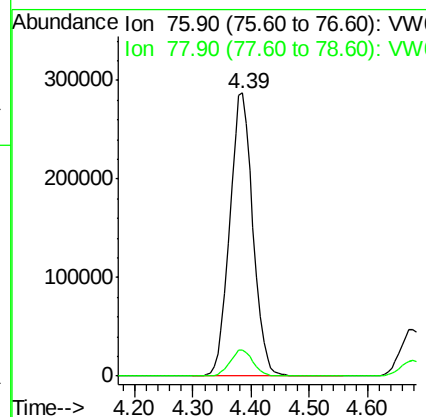
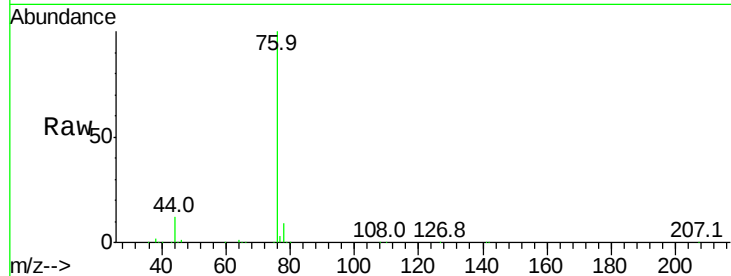




#17
Carbon Disulfide
Concen: 107.140 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

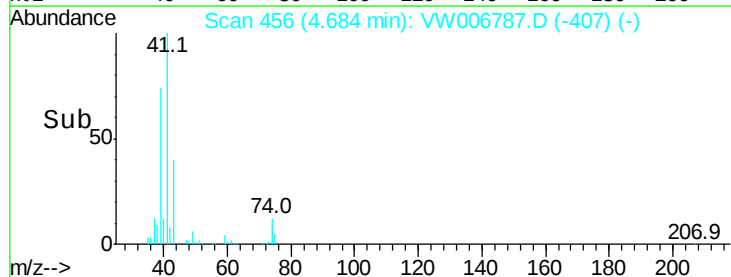
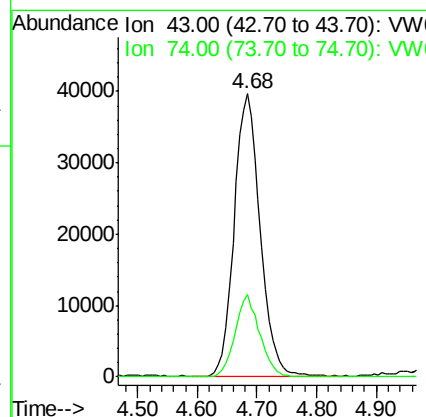
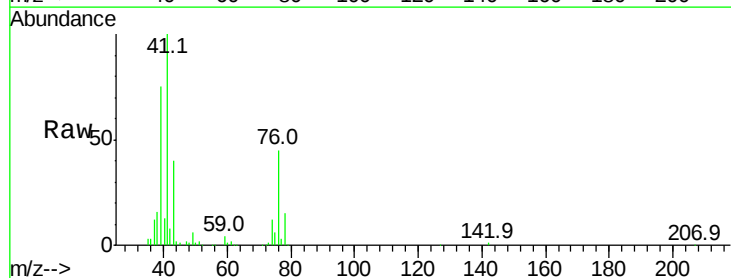
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

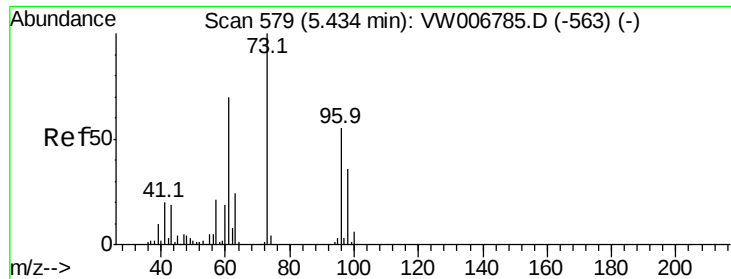
Tgt Ion: 76 Resp: 792709
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 94.050 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion: 43 Resp: 119636
Ion Ratio Lower Upper
43 100
74 27.6 21.8 32.8

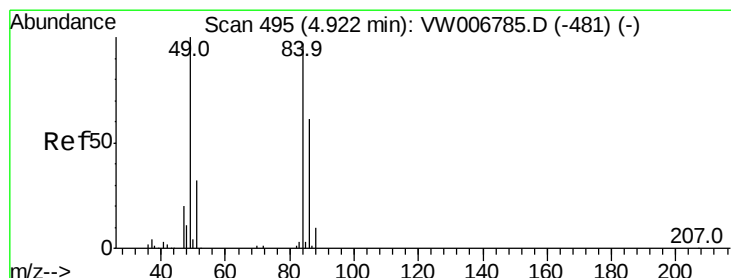
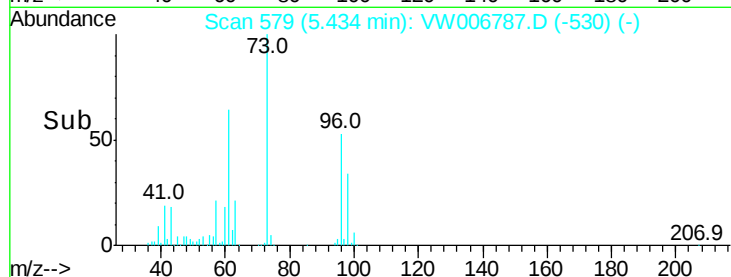
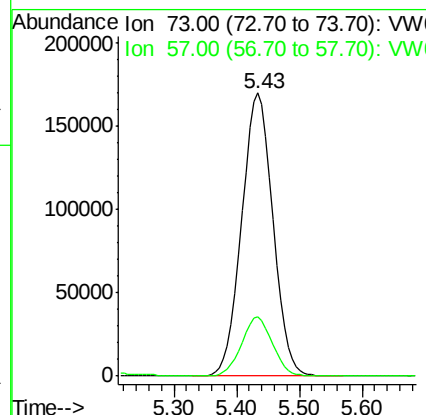
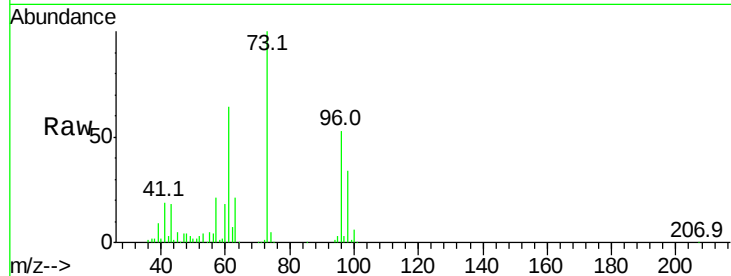




#19
Methyl tert-butyl Ether
Concen: 151.519 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

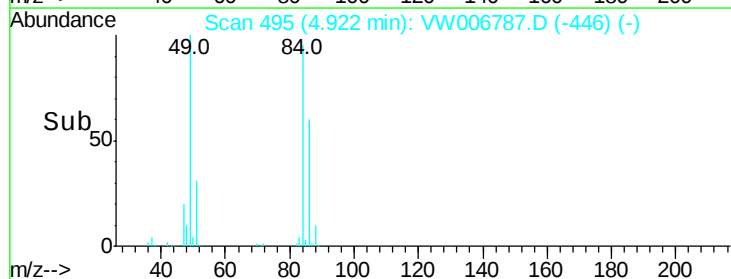
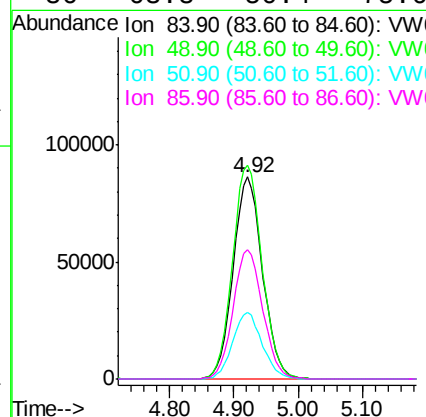
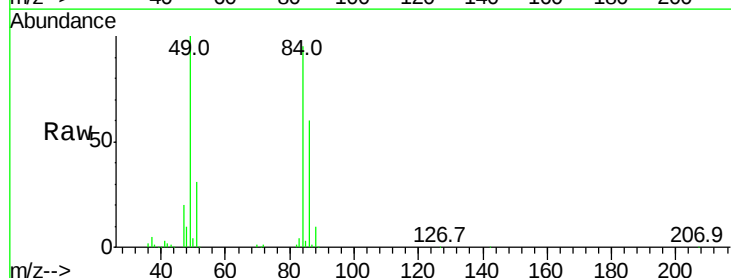
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

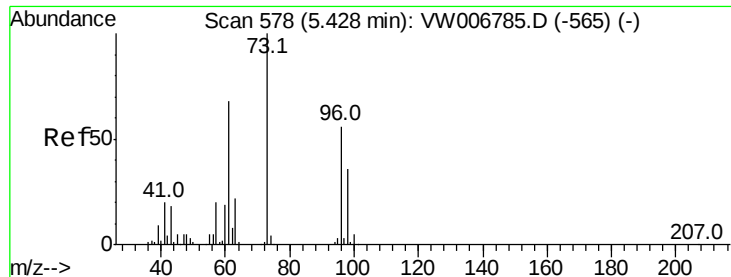
Tgt Ion: 73 Resp: 586398
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.6



#20
Methylene Chloride
Concen: 79.685 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion: 84 Resp: 274465
Ion Ratio Lower Upper
84 100
49 105.7 82.4 123.6
51 33.2 26.7 40.1
86 63.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 93.031 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

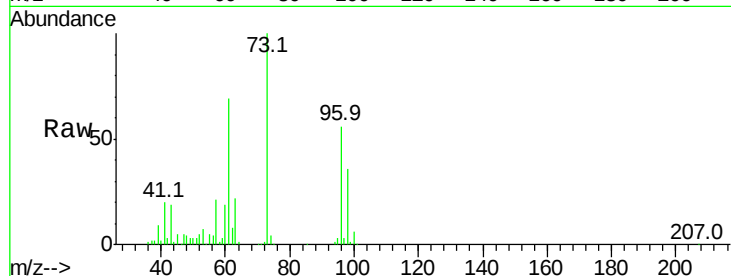
Tgt Ion: 96 Resp: 273701

Ion Ratio Lower Upper

96 100

61 124.0 97.6 146.4

98 63.7 51.6 77.4

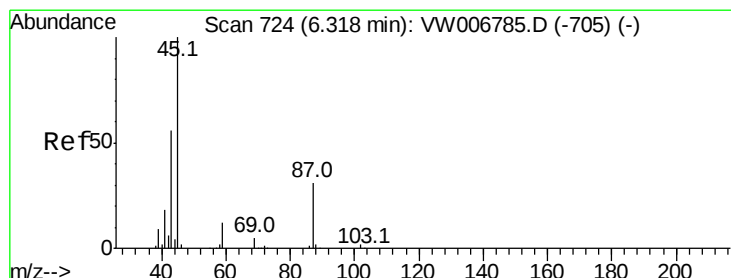
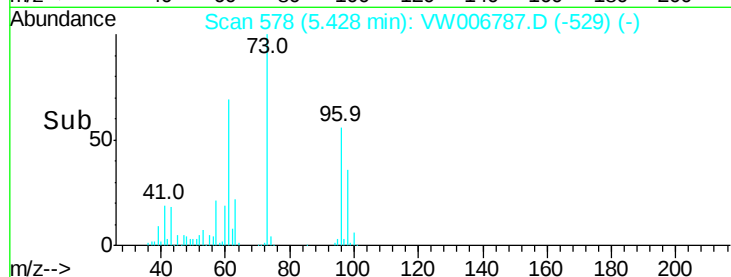
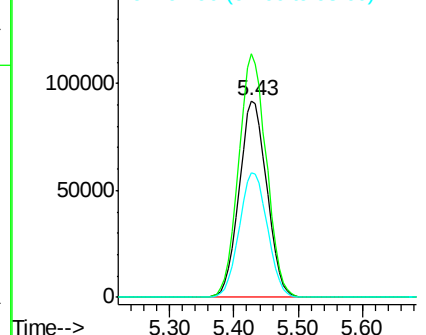


Abundance

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: 95.806 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Tgt Ion: 45 Resp: 677860

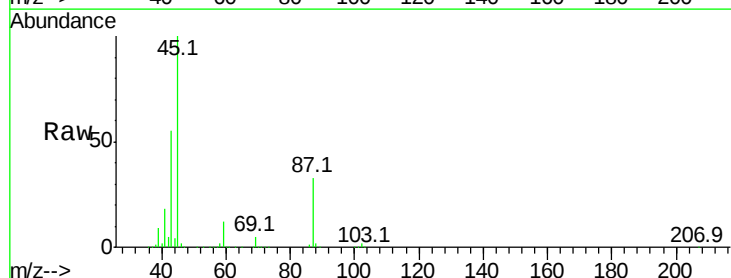
Ion Ratio Lower Upper

45 100

43 54.6 44.6 66.8

87 33.0 25.5 38.3

59 12.1 9.7 14.5



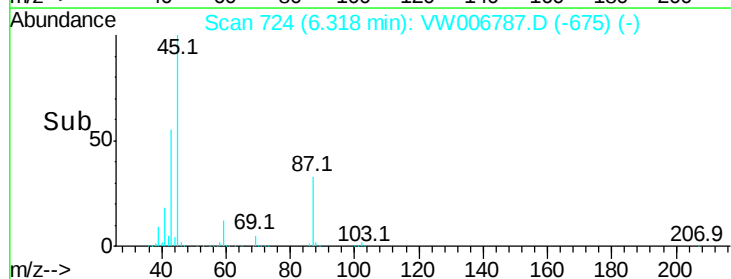
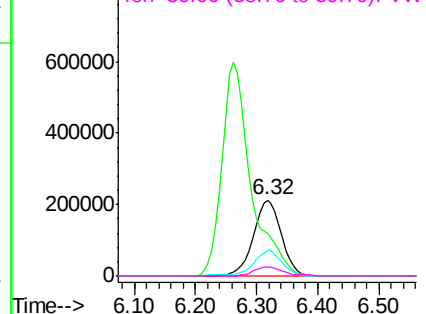
Abundance

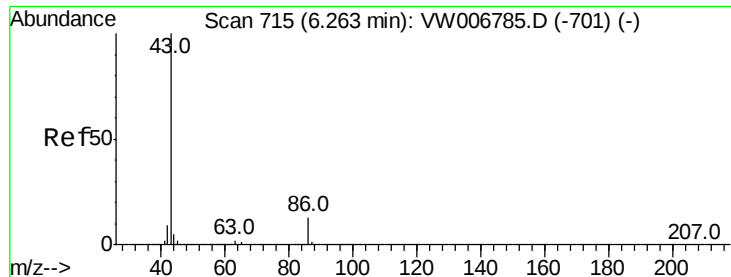
Ion 45.00 (44.70 to 45.70): VW

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: 506.592 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

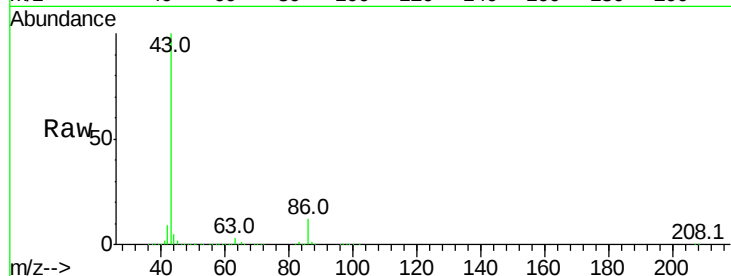
VSTDIC100

Tgt Ion: 43 Resp: 1987671

Ion Ratio Lower Upper

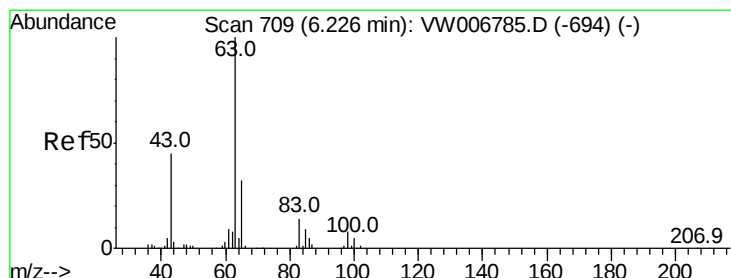
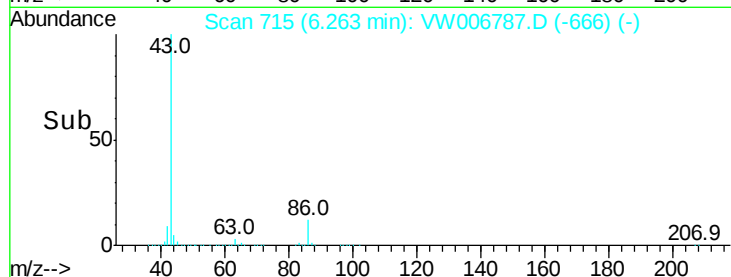
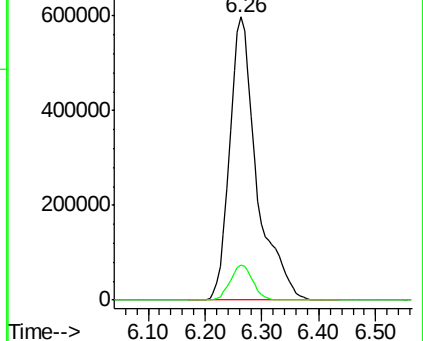
43 100

86 12.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 89.243 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

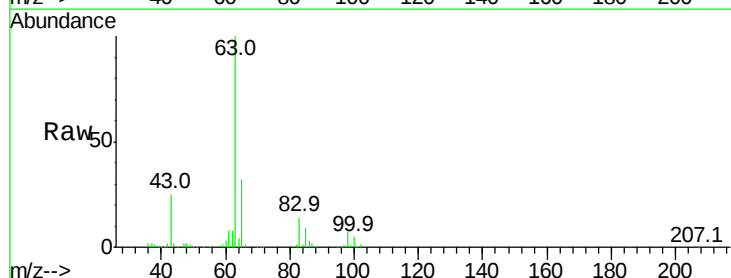
Tgt Ion: 63 Resp: 427938

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.2

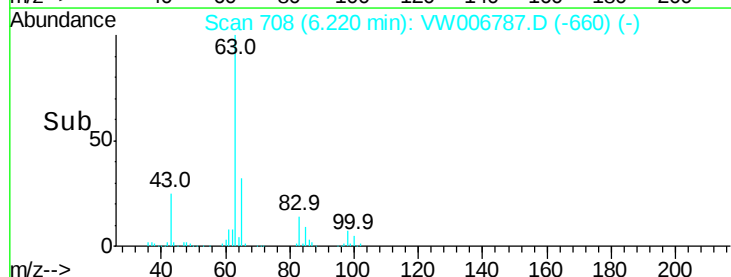
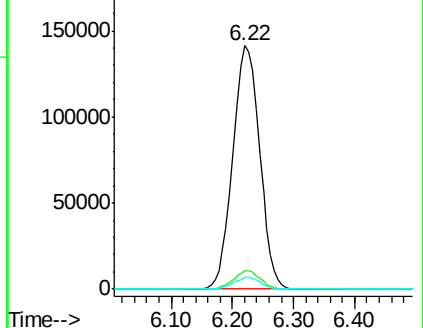
100 4.9 2.3 6.9

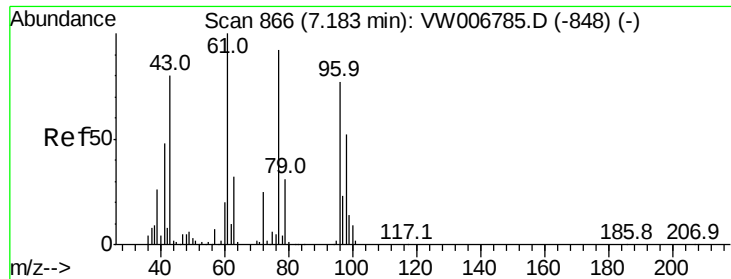


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

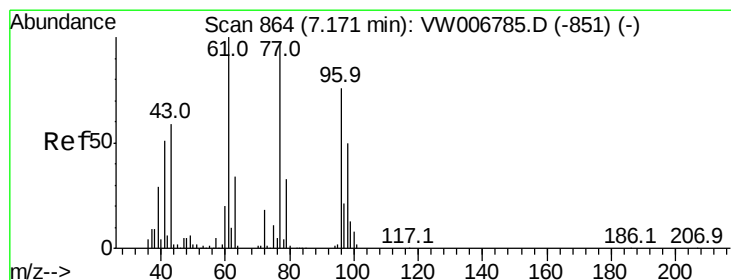
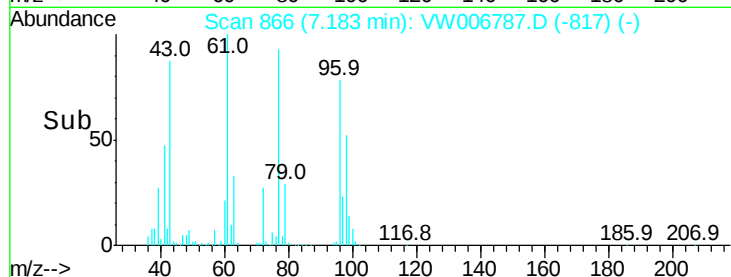
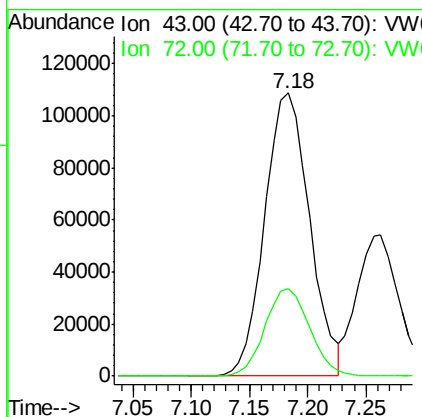
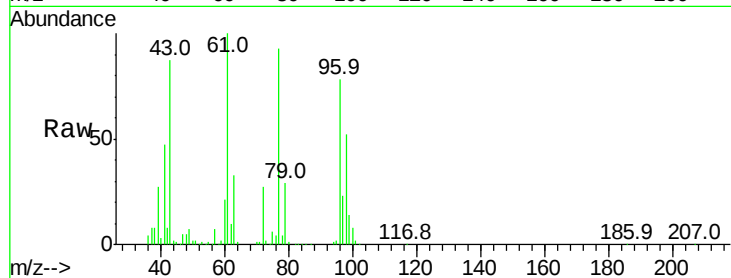




#25
 2-Butanone
 Concen: 460.451 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

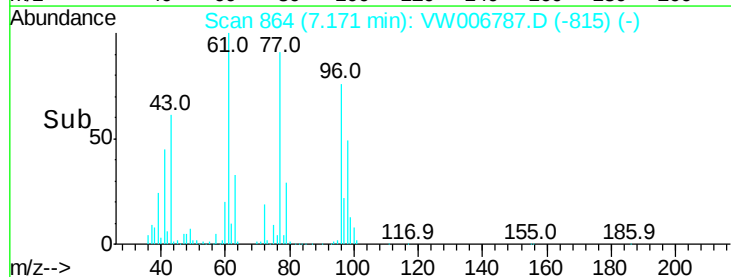
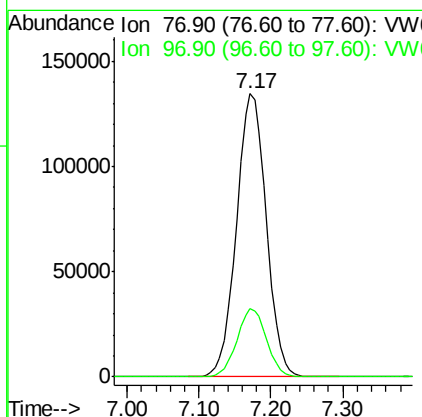
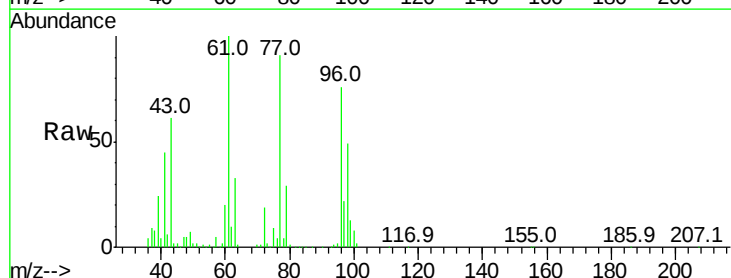
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

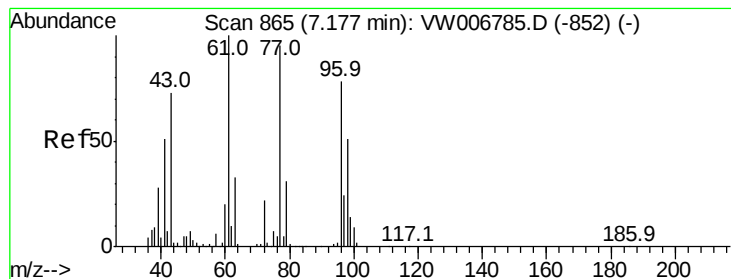
Tgt Ion: 43 Resp: 290657
 Ion Ratio Lower Upper
 43 100
 72 30.8 24.5 36.7



#26
 2,2-Dichloropropane
 Concen: 133.380 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion: 77 Resp: 385277
 Ion Ratio Lower Upper
 77 100
 97 23.8 11.9 35.5



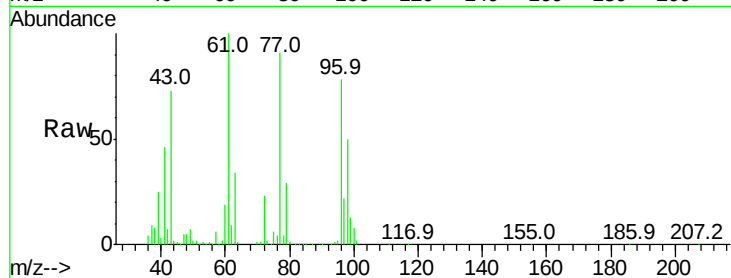


#27

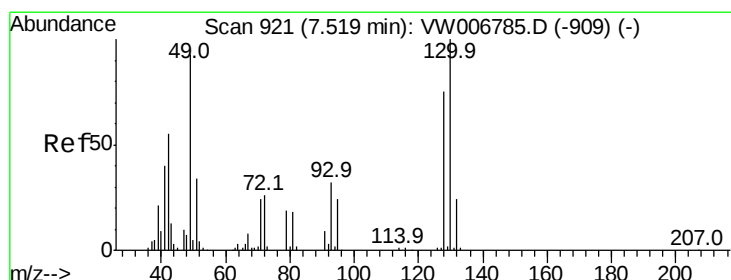
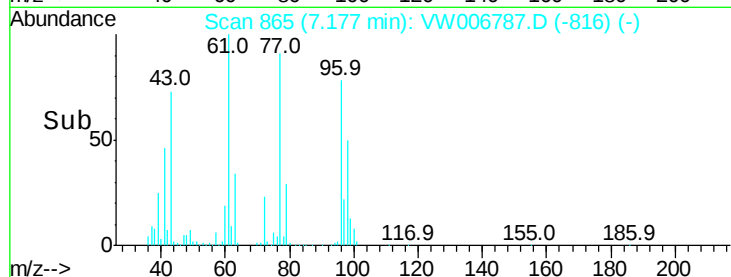
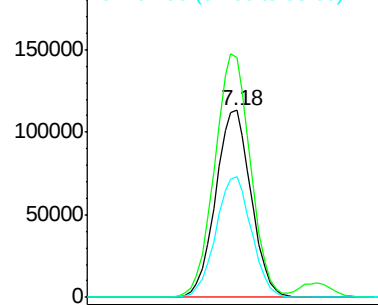
cis-1,2-Dichloroethene
Concen: 90.553 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	264.4
98	64.9	0.0	130.0



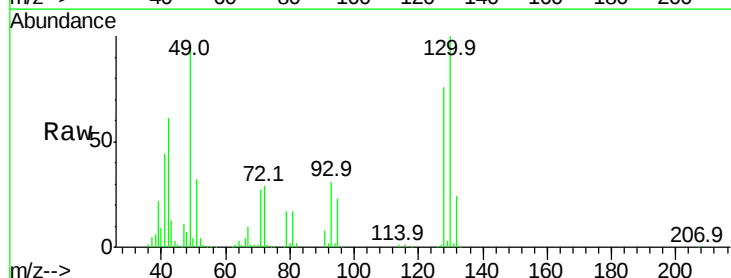
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



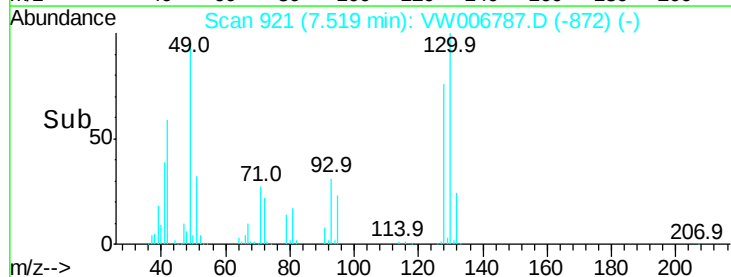
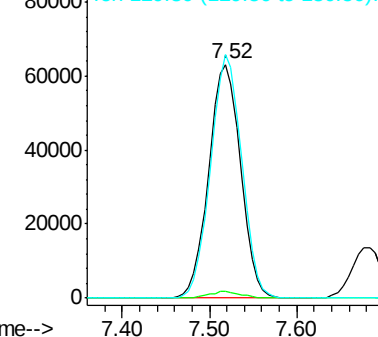
#28

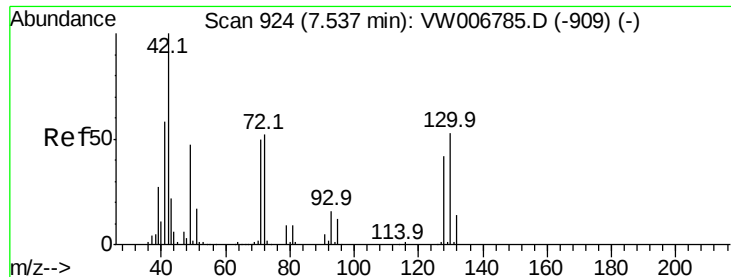
Bromochloromethane
Concen: 83.925 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	101.6	81.5	122.3



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

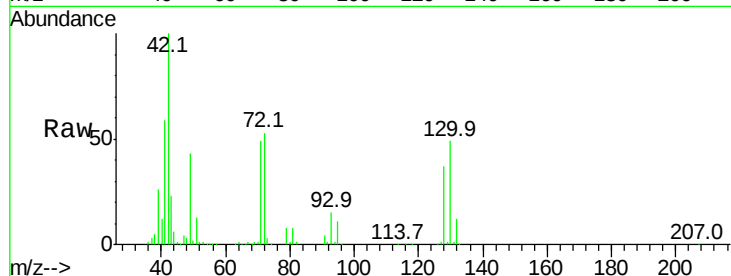




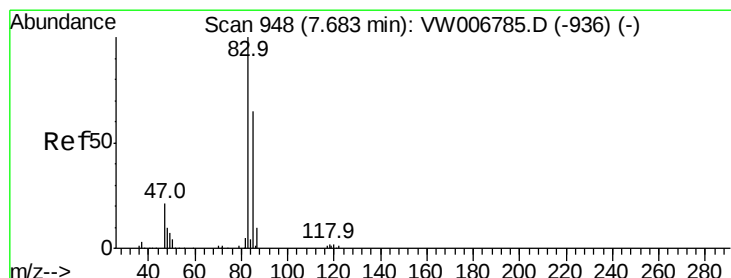
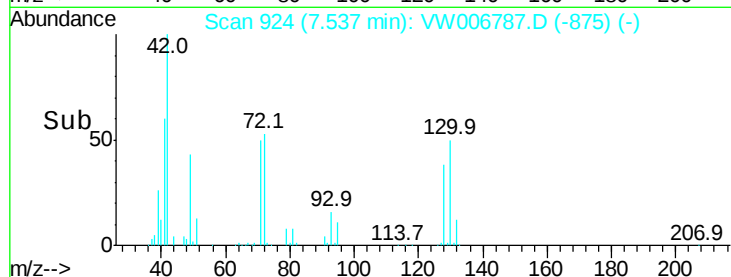
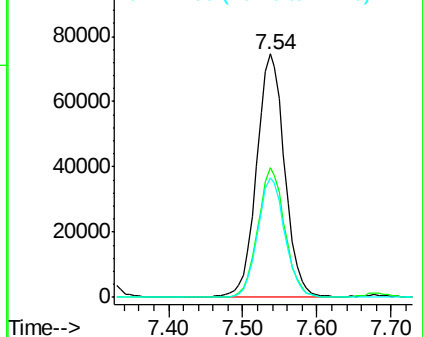
#29
Tetrahydrofuran
Concen: 494.632 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 196388
Ion Ratio Lower Upper
42 100
72 51.2 39.8 59.8
71 47.8 37.8 56.6

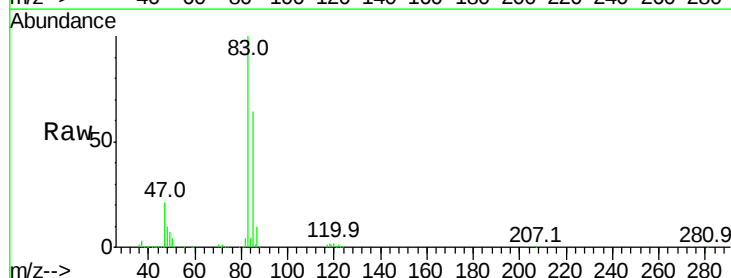


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

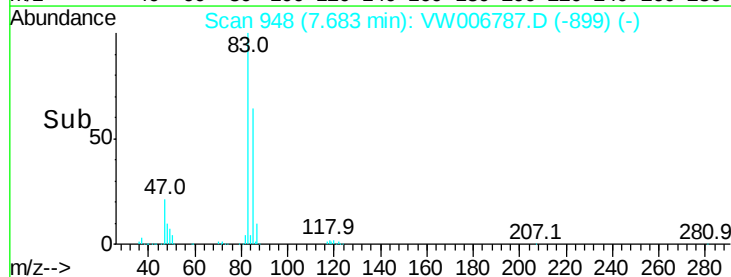
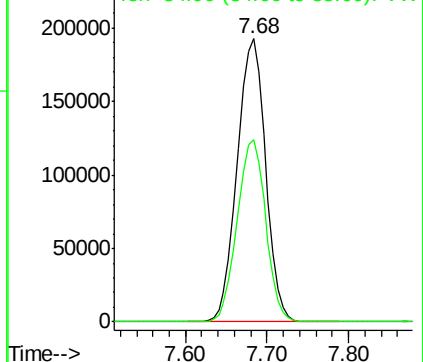


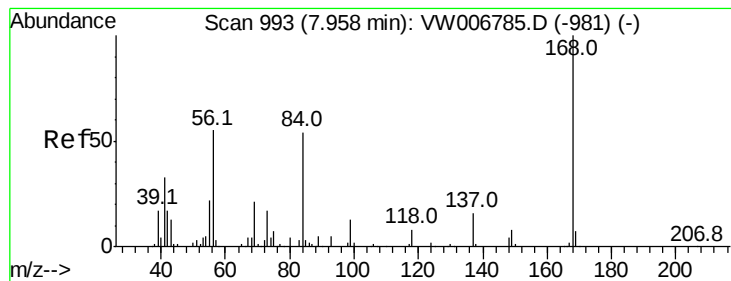
#30
Chloroform
Concen: 88.447 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion: 83 Resp: 464997
Ion Ratio Lower Upper
83 100
85 64.5 52.1 78.1



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





#31

Cyclohexane

Concen: 92.836 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

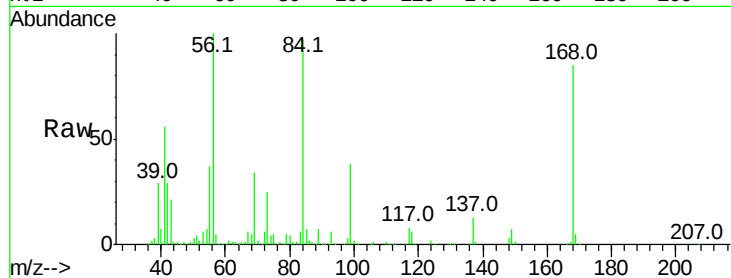
Tgt Ion: 56 Resp: 405167

Ion Ratio Lower Upper

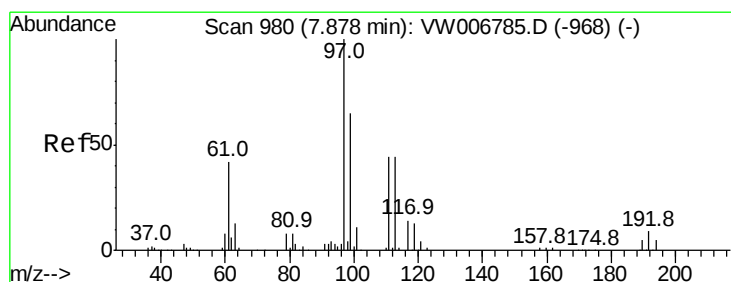
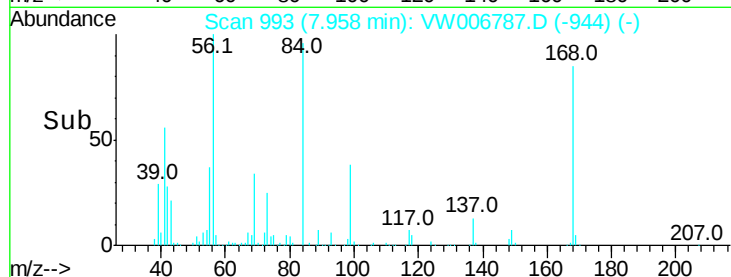
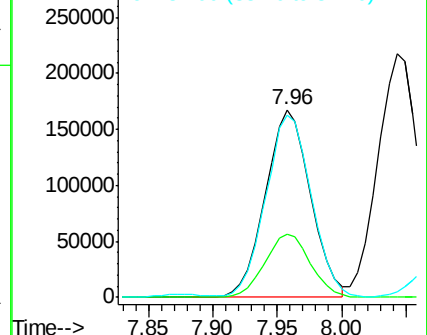
56 100

69 33.9 30.3 45.5

84 95.9 78.2 117.2



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: 95.896 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

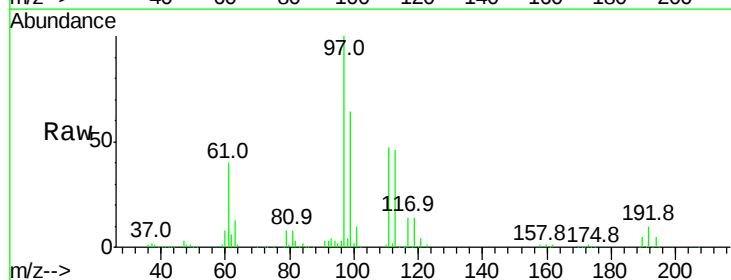
Tgt Ion: 97 Resp: 426612

Ion Ratio Lower Upper

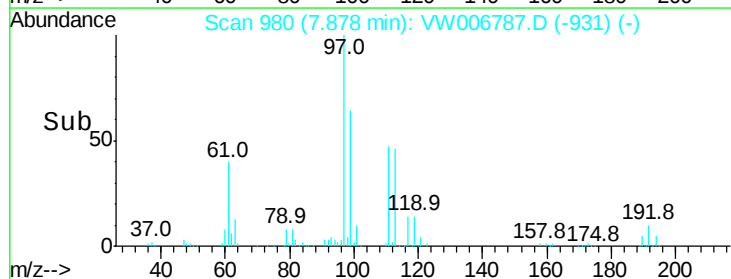
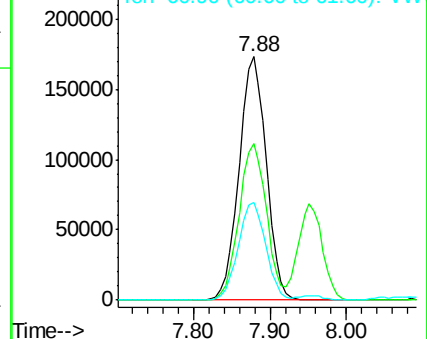
97 100

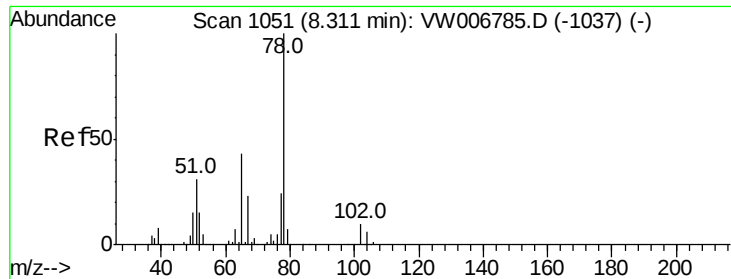
99 65.2 51.4 77.2

61 40.5 32.7 49.1



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

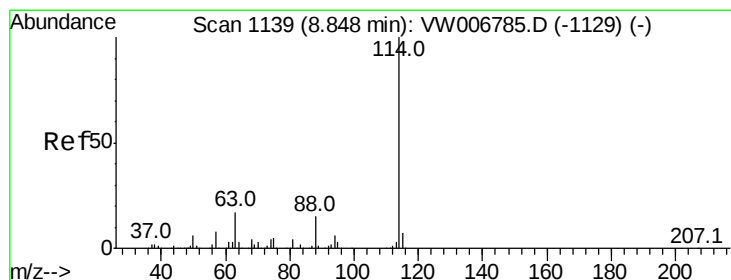
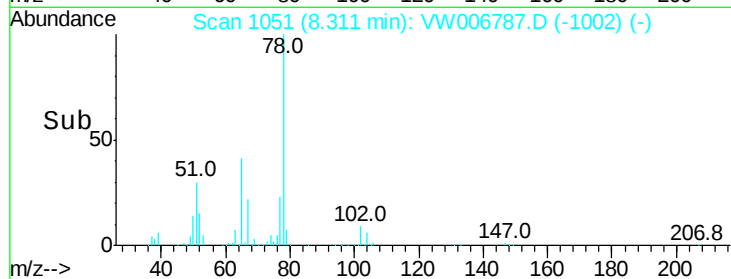
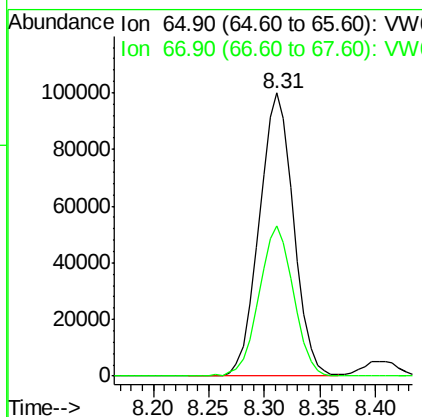
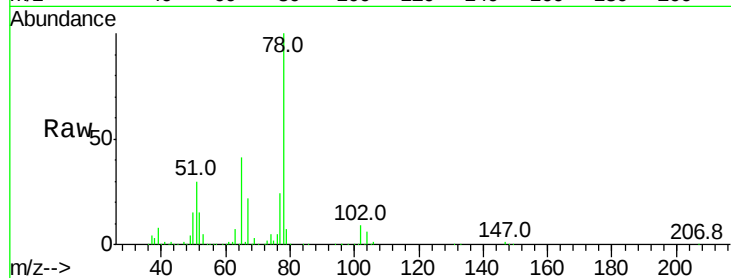




#33
 1,2-Dichloroethane-d4
 Concen: 78.471 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

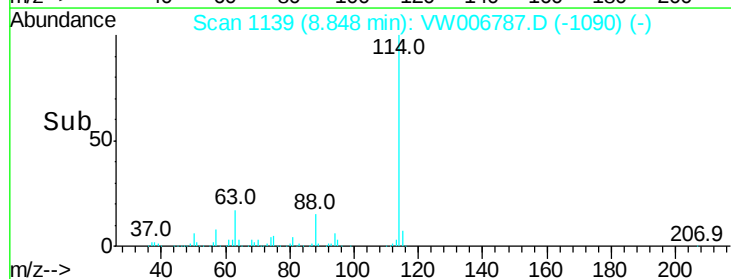
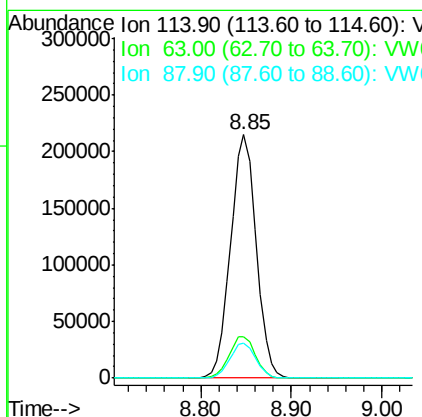
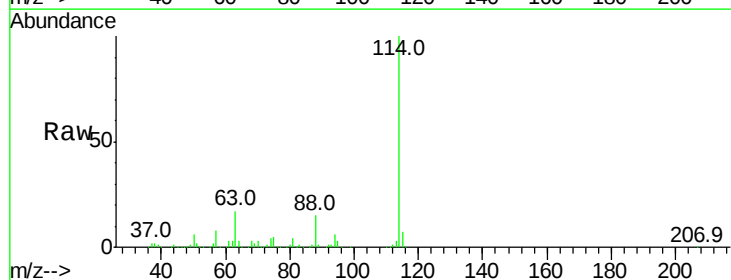
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

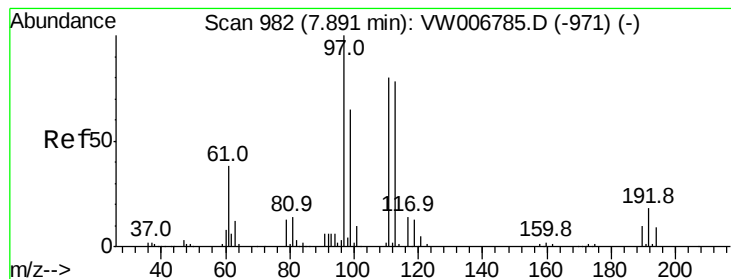
Tgt Ion: 65 Resp: 215011
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion: 114 Resp: 420540
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.0
 88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 87.611 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

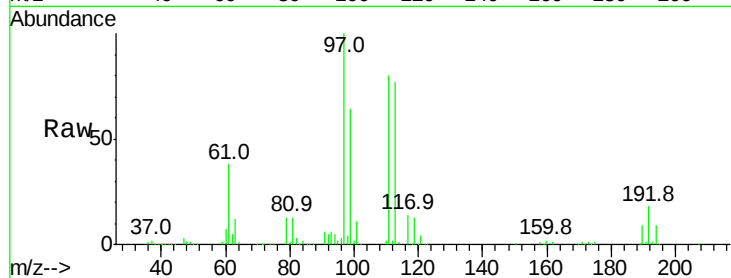
Tgt Ion:113 Resp: 231226

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.2

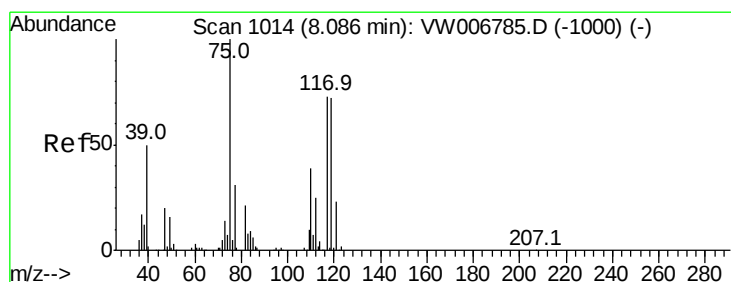
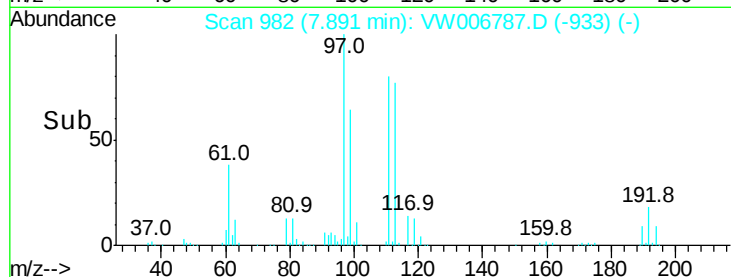
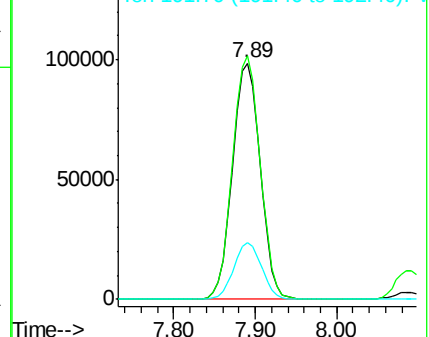
192 23.9 19.1 28.7



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: 101.952 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

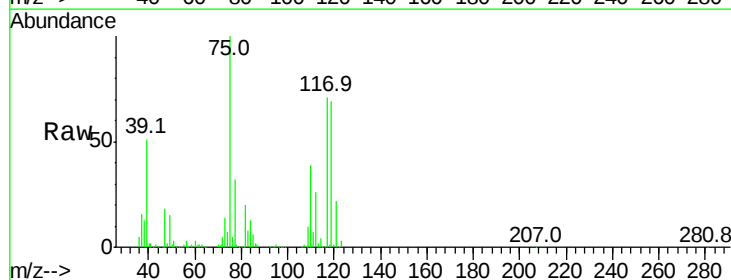
Tgt Ion: 75 Resp: 377043

Ion Ratio Lower Upper

75 100

110 39.0 19.6 58.7

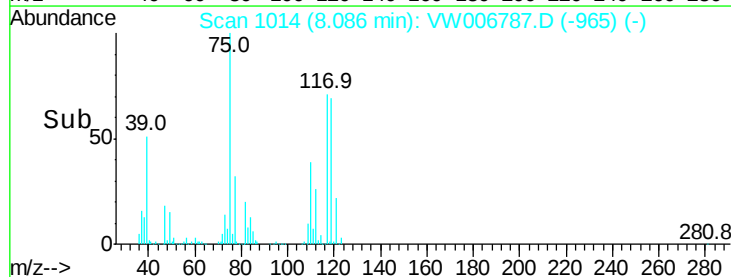
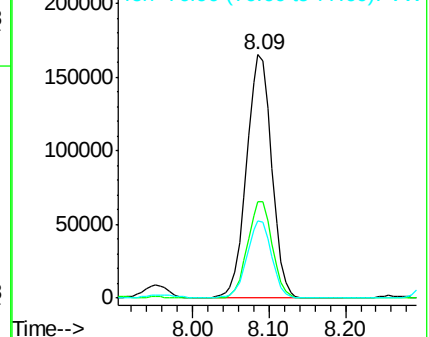
77 31.4 24.9 37.3

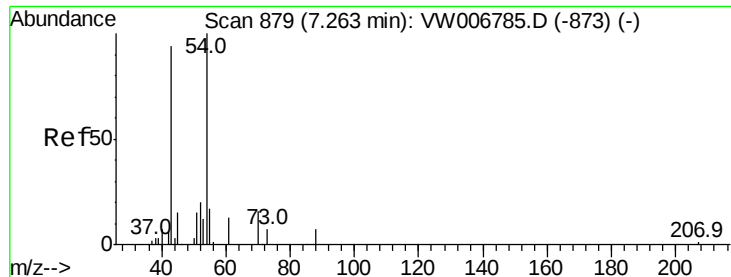


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

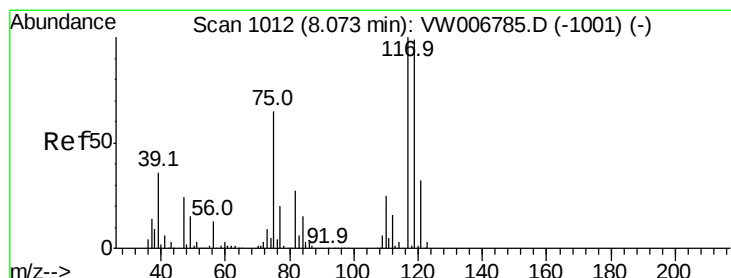
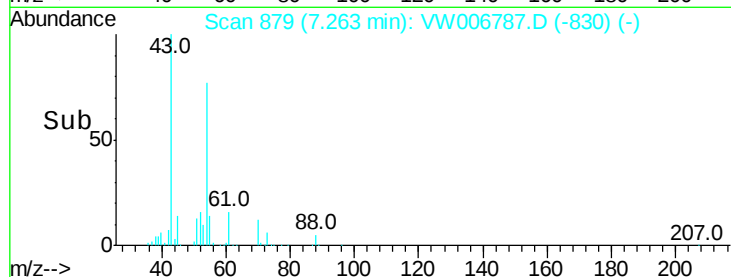
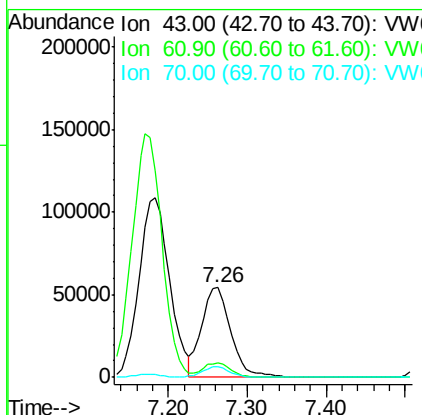
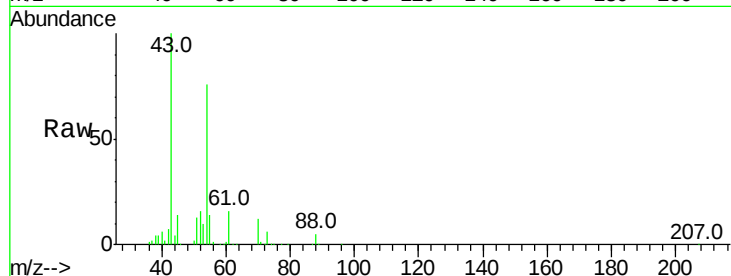




#37
Ethyl Acetate
Concen: 108.444 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

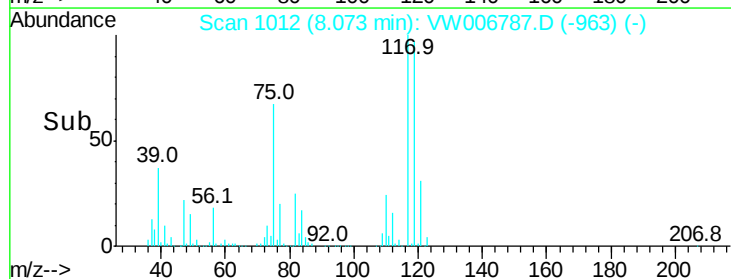
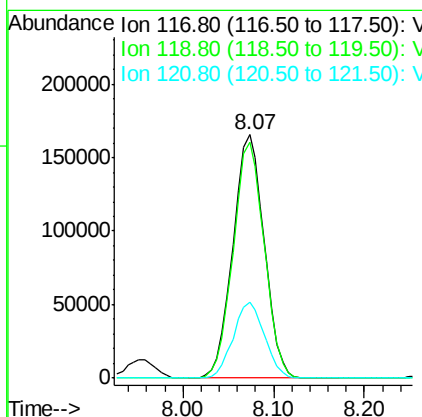
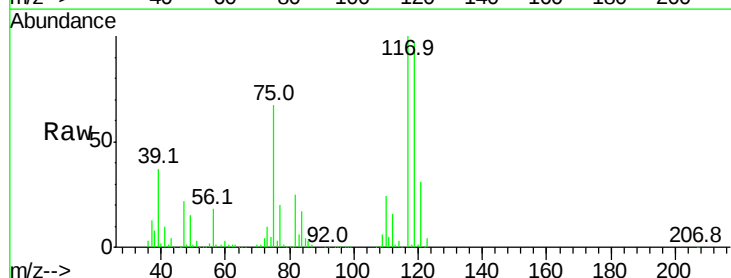
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

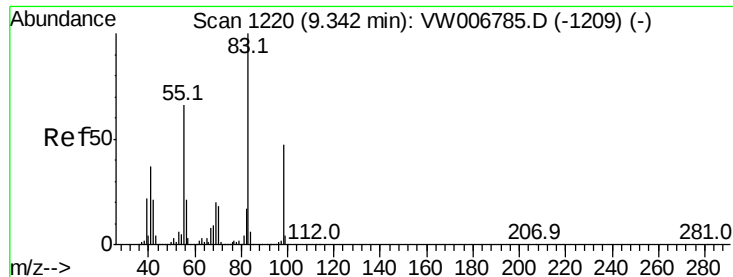
Tgt Ion: 43 Resp: 138981
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 11.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 102.490 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion: 117 Resp: 396059
Ion Ratio Lower Upper
117 100
119 96.8 78.9 118.3
121 31.0 25.3 37.9

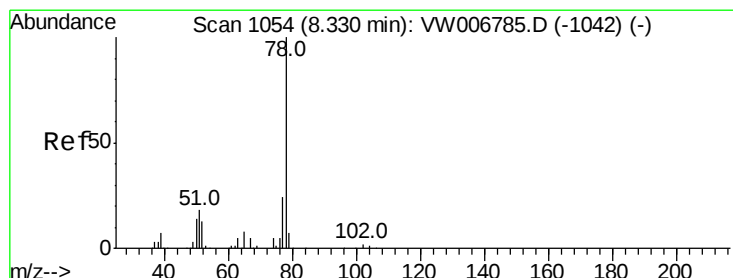
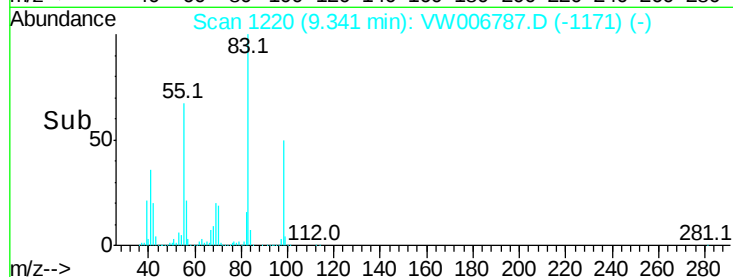
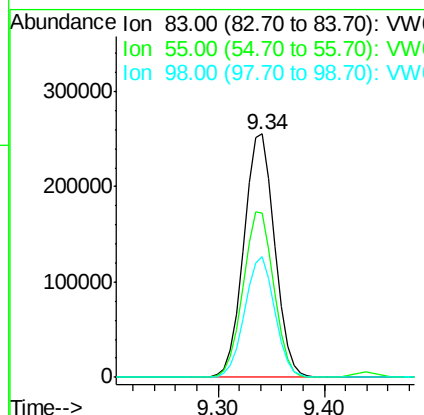
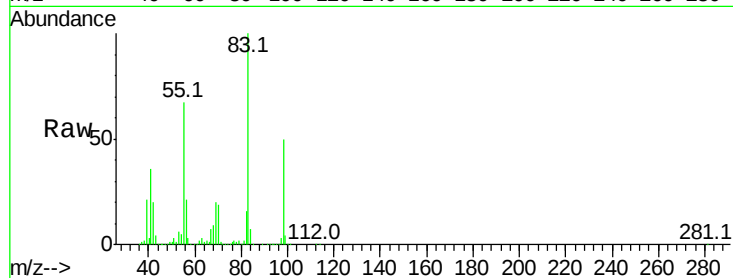




#39
Methylcyclohexane
Concen: 111.052 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

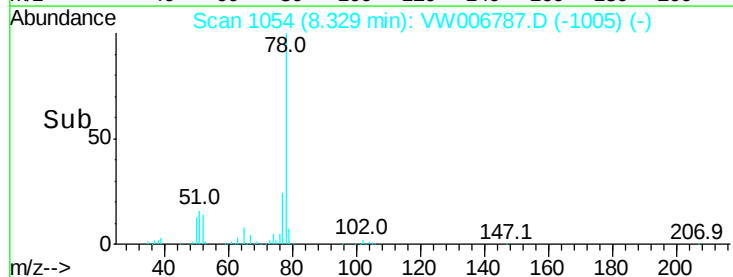
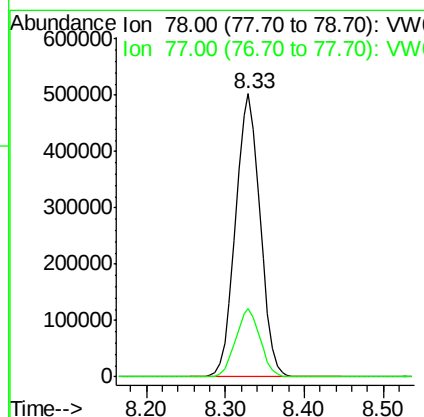
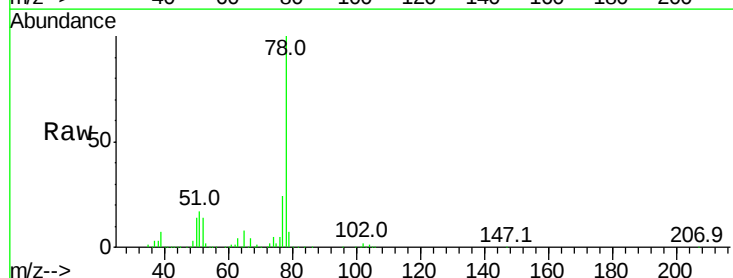
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

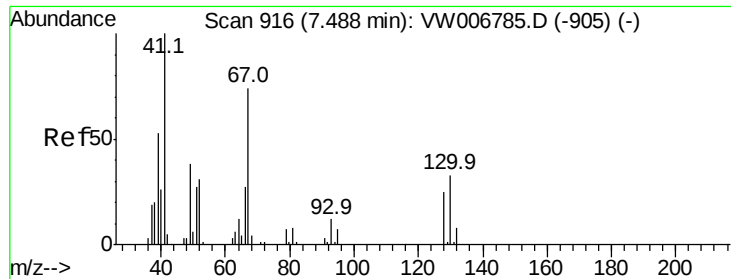
Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.3	53.0	79.4
98	49.5	37.9	56.9



#40
Benzene
Concen: 103.804 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.2





#41

Methacrylonitrile

Concen: 110.295 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 86678

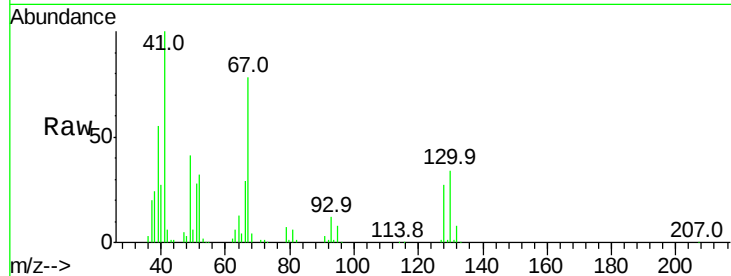
Ion Ratio Lower Upper

41 100

39 54.8 49.3 73.9

67 77.2 69.3 103.9

52 30.9 28.2 42.4

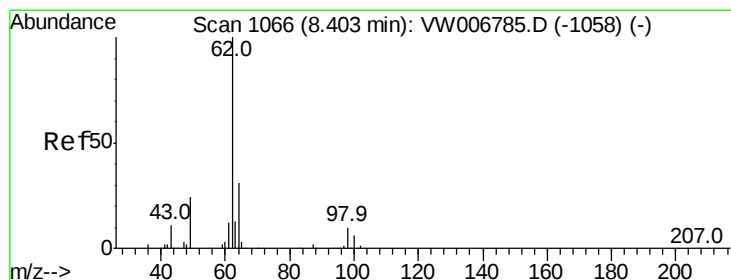
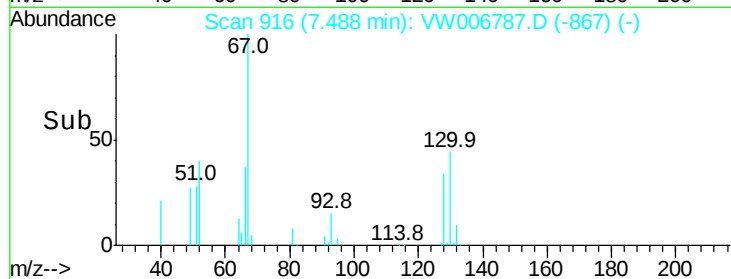
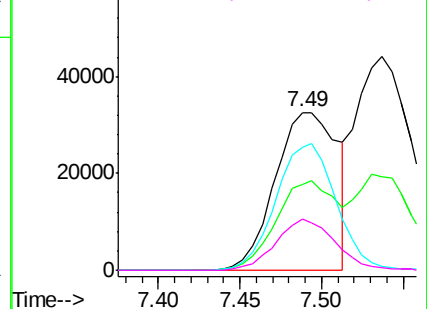


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 95.625 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006787.D

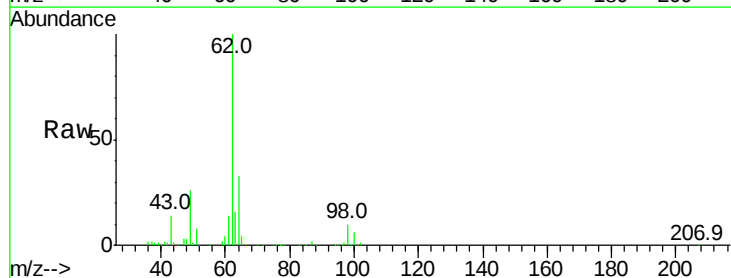
Acq: 09 Nov 2018 14:23

Tgt Ion: 62 Resp: 288071

Ion Ratio Lower Upper

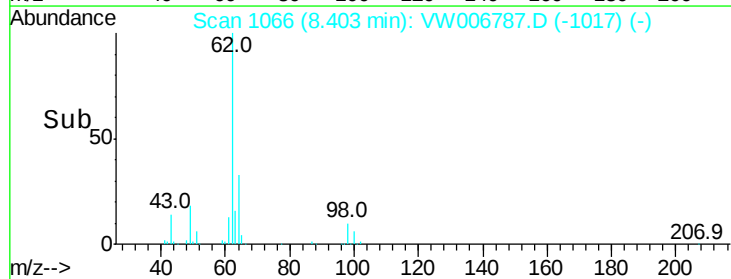
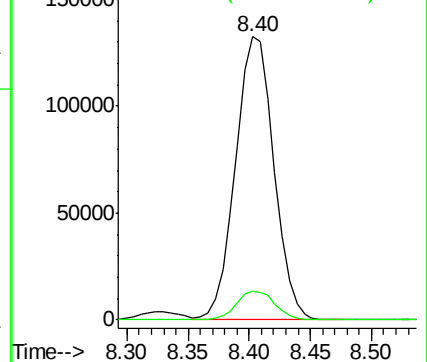
62 100

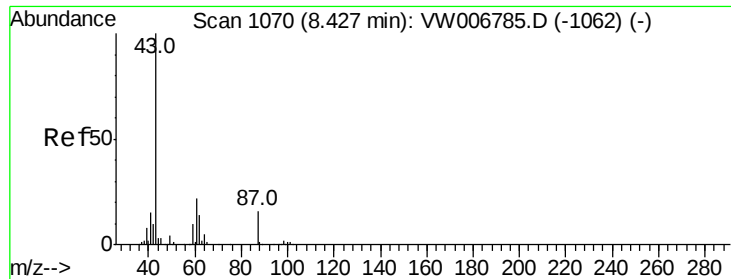
98 10.1 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 107.994 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

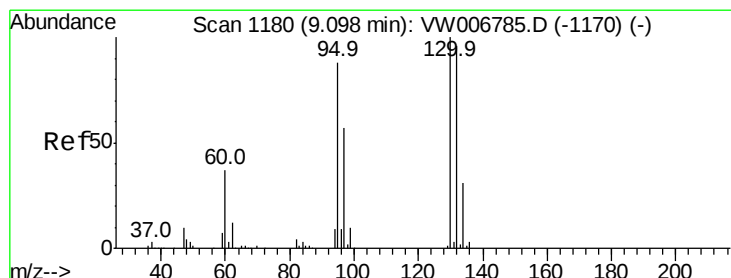
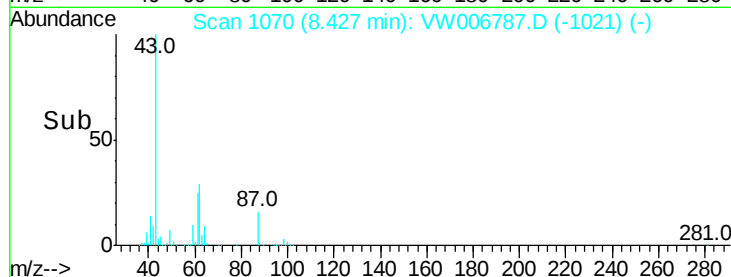
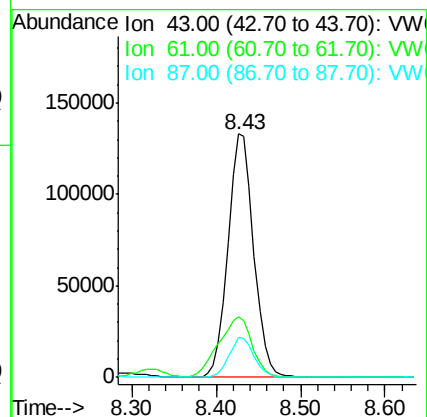
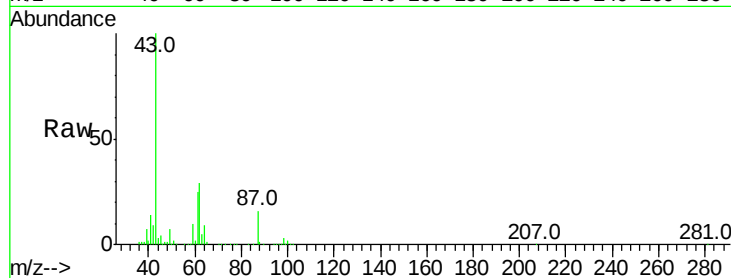
Tgt Ion: 43 Resp: 276187

Ion Ratio Lower Upper

43 100

61 32.6 26.5 39.7

87 15.9 12.8 19.2



#44

Trichloroethene

Concen: 101.576 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006787.D

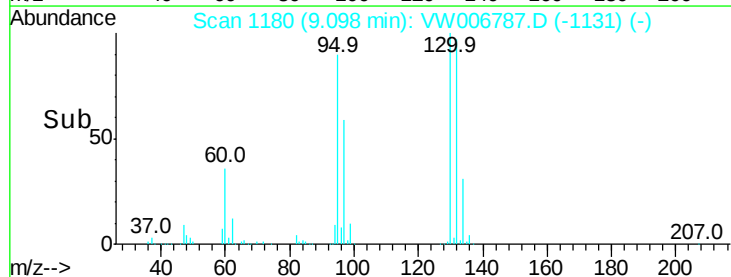
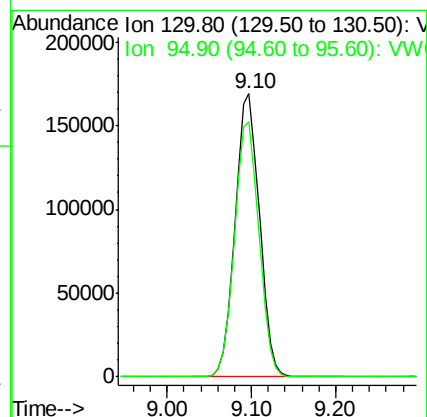
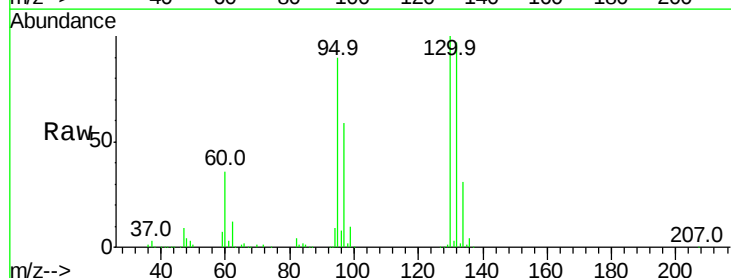
Acq: 09 Nov 2018 14:23

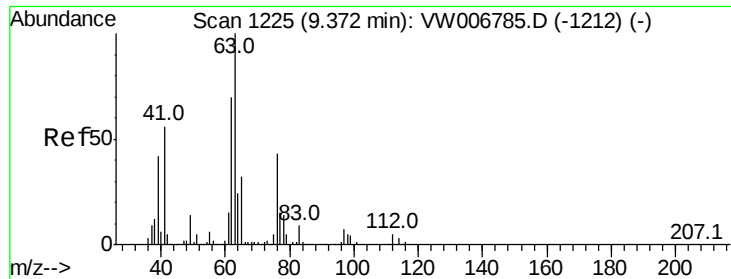
Tgt Ion: 130 Resp: 329257

Ion Ratio Lower Upper

130 100

95 90.0 0.0 175.0

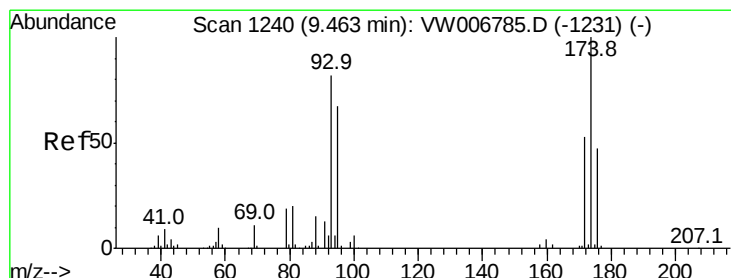
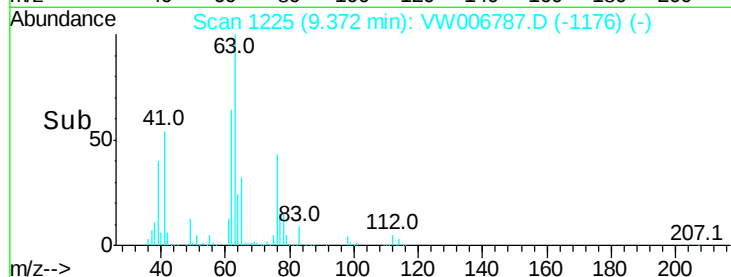
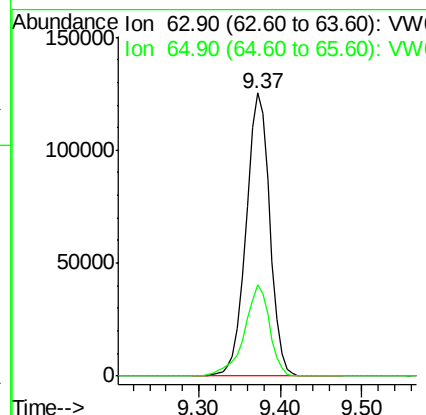
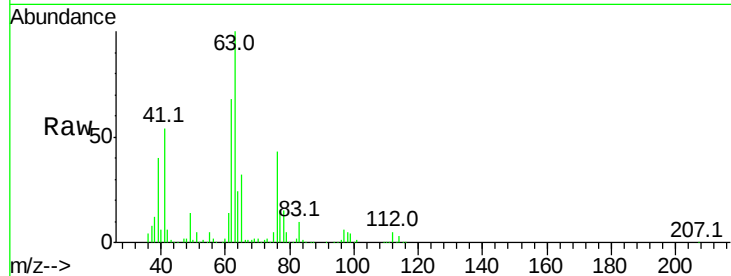




#45
 1,2-Dichloropropane
 Concen: 102.692 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

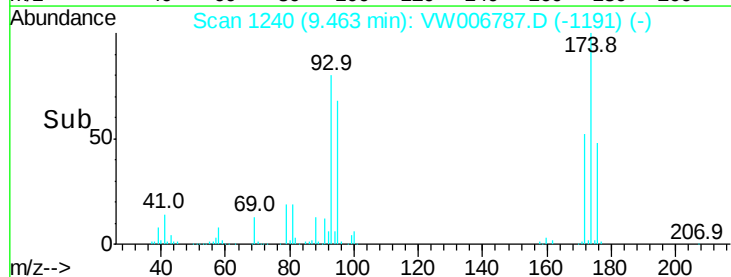
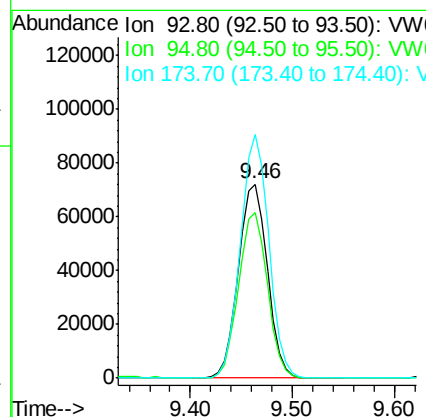
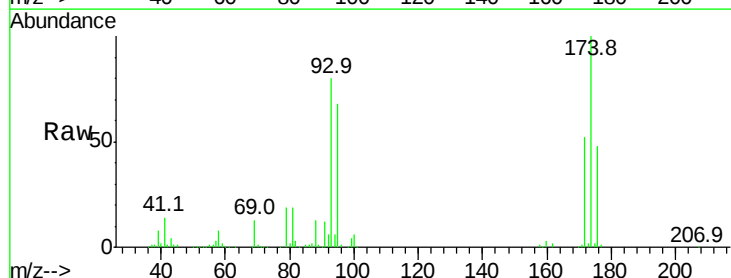
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

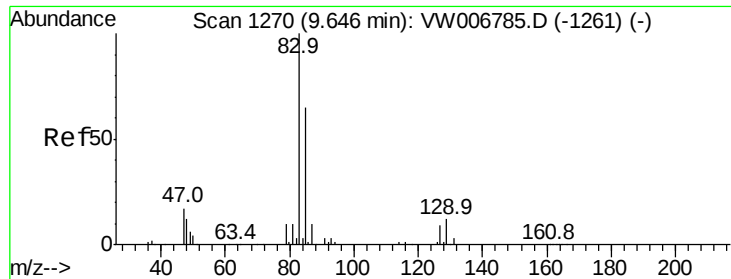
Tgt Ion: 63 Resp: 251037
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.5 38.3



#46
 Dibromomethane
 Concen: 99.040 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion: 93 Resp: 142321
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.4 98.0
 174 122.5 96.4 144.6





#47

Bromodichloromethane

Concen: 102.648 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

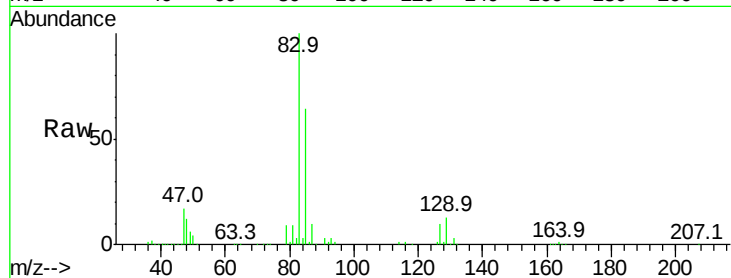
Tgt Ion: 83 Resp: 342496

Ion Ratio Lower Upper

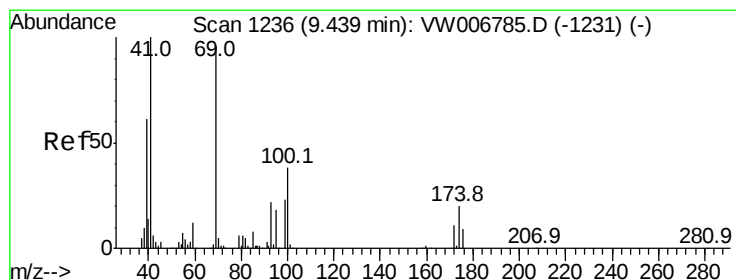
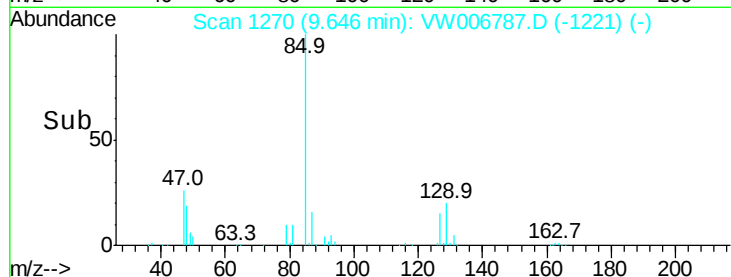
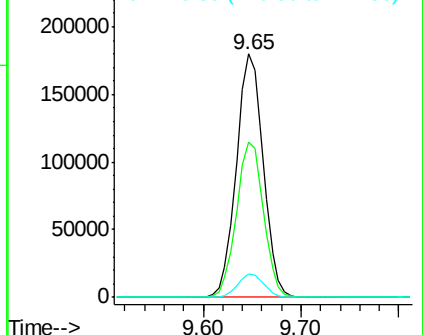
83 100

85 63.9 51.6 77.4

127 9.7 7.4 11.2



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): V



#48

Methyl methacrylate

Concen: 108.959 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

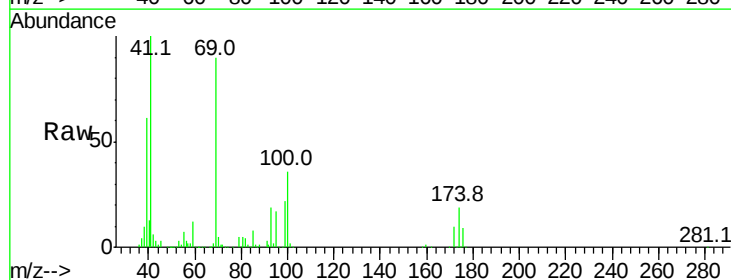
Tgt Ion: 41 Resp: 134254

Ion Ratio Lower Upper

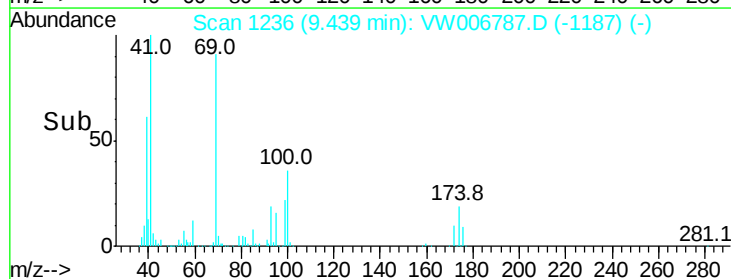
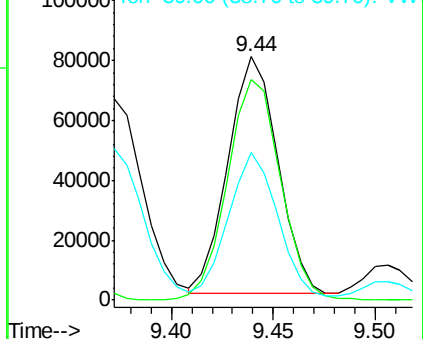
41 100

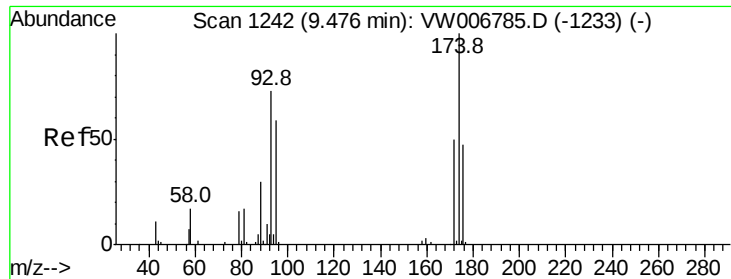
69 99.9 81.5 122.3

39 59.0 48.0 72.0



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

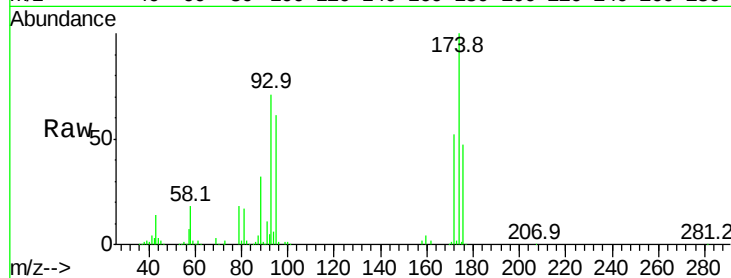




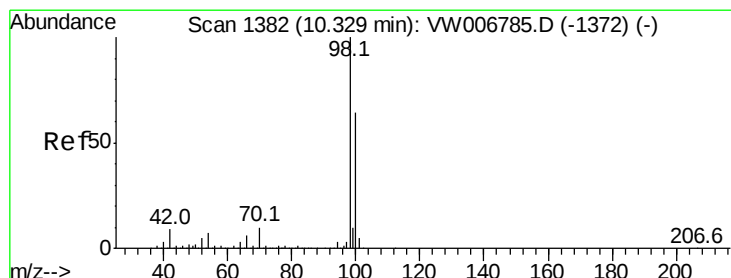
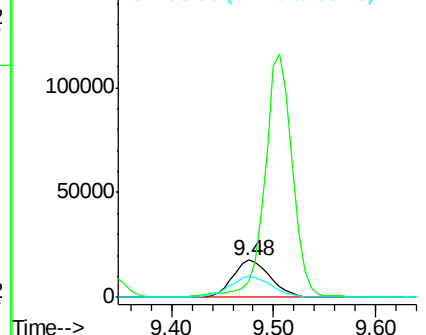
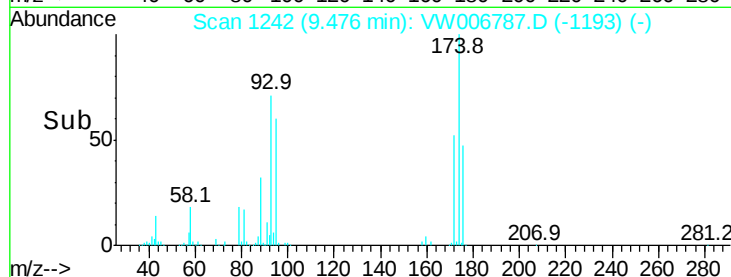
#49
1,4-Dioxane
Concen: 2156.307 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 45348
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 63.8 53.7 80.5

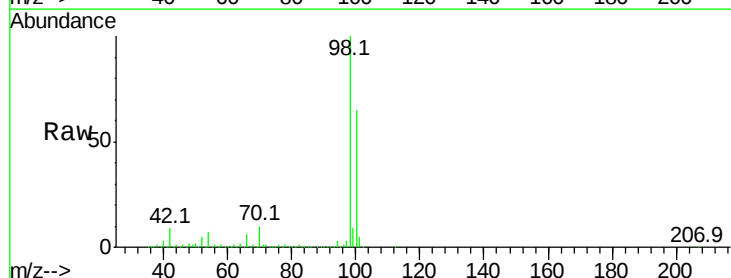


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

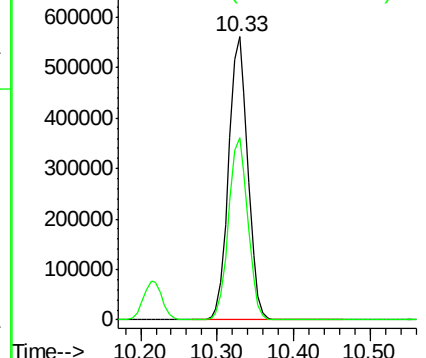
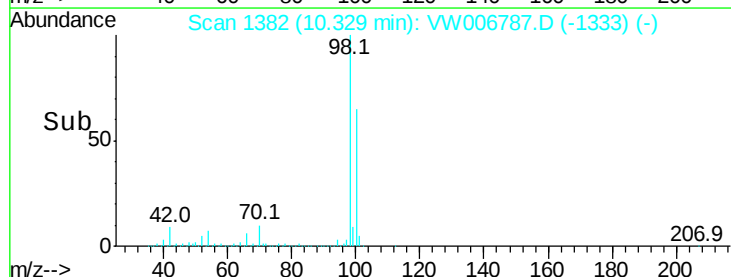


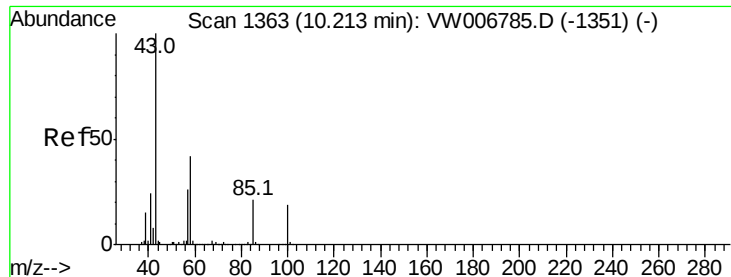
#50
Toluene-d8
Concen: 96.548 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion: 98 Resp: 970019
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



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

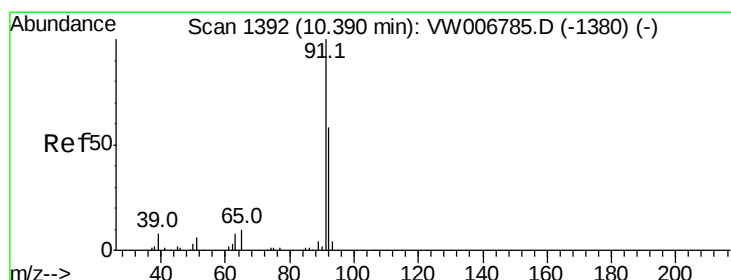
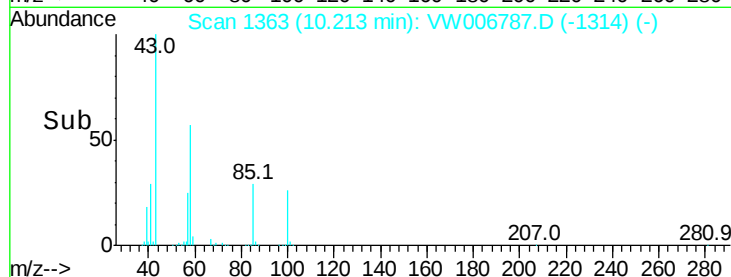
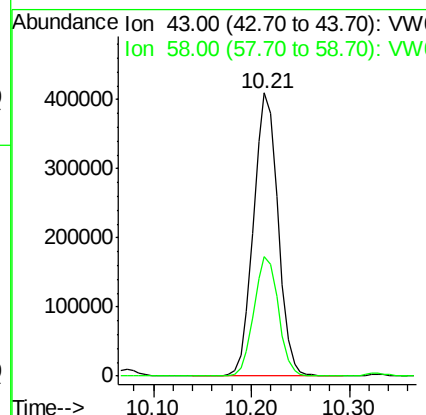
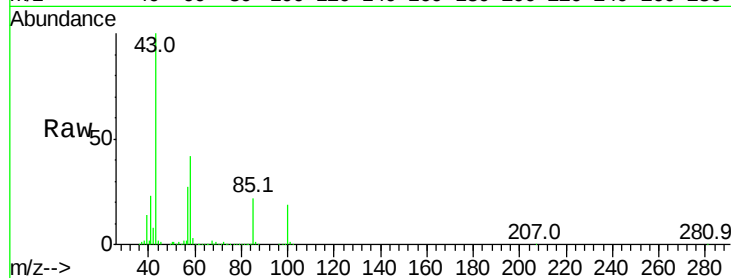




#51
 4-Methyl-2-Pentanone
 Concen: 541.370 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

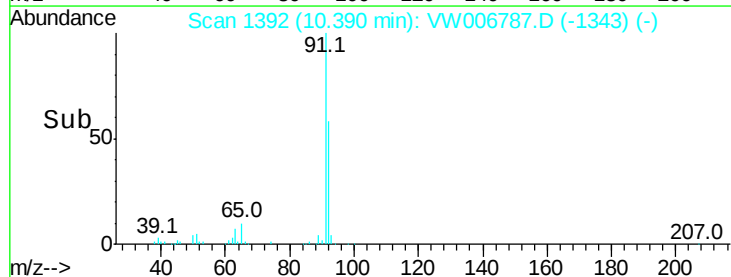
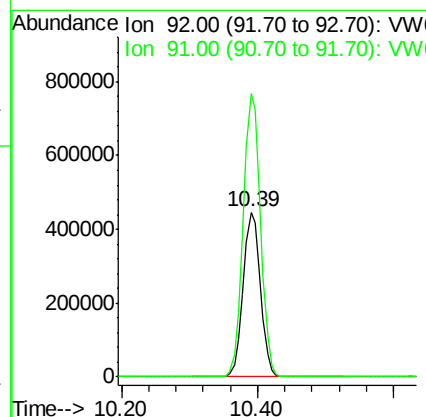
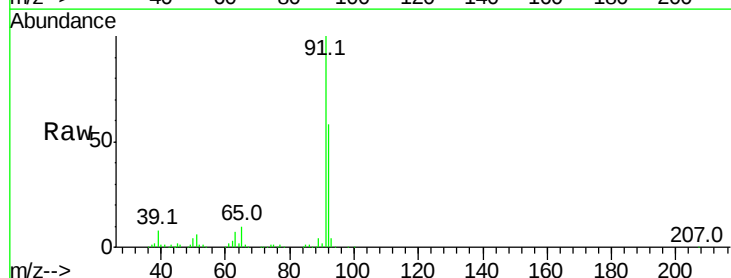
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

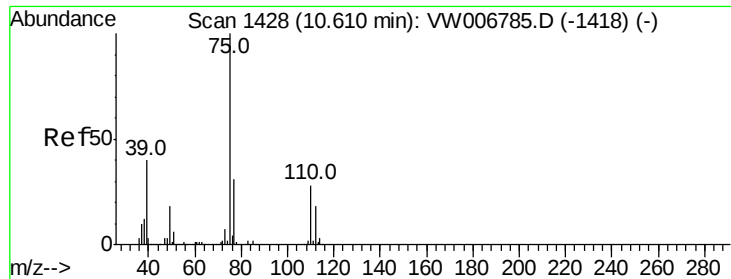
Tgt Ion: 43 Resp: 711059
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.2 49.8



#52
 Toluene
 Concen: 110.871 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion: 92 Resp: 781135
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 113.511 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

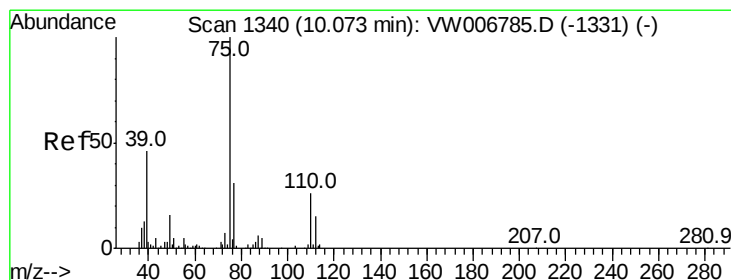
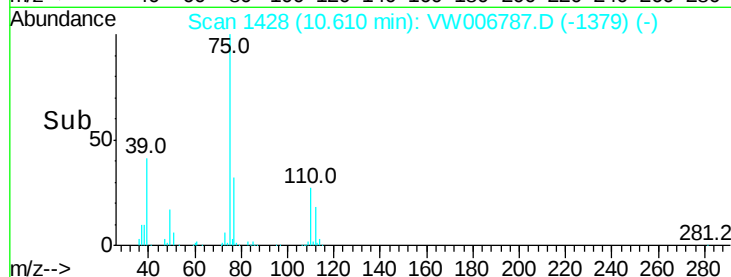
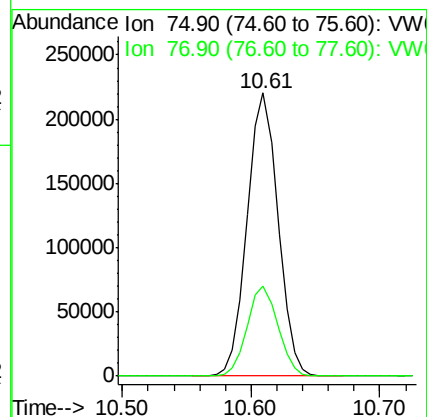
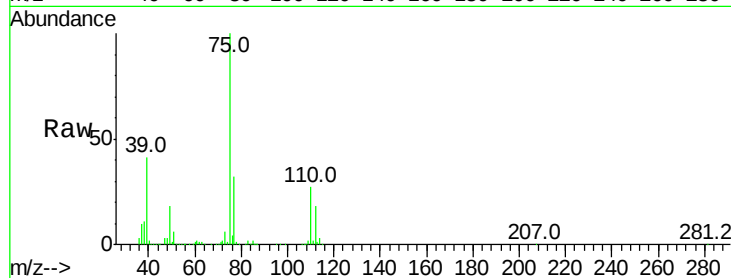
VSTDIC100

Tgt Ion: 75 Resp: 364506

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 109.680 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

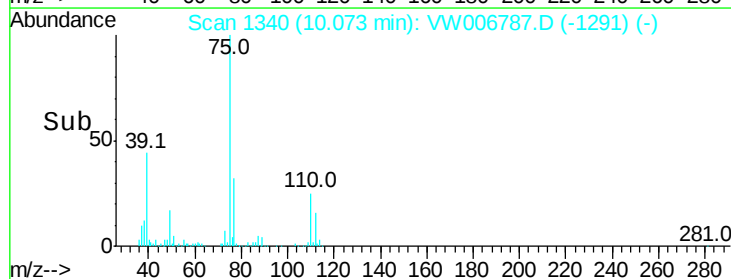
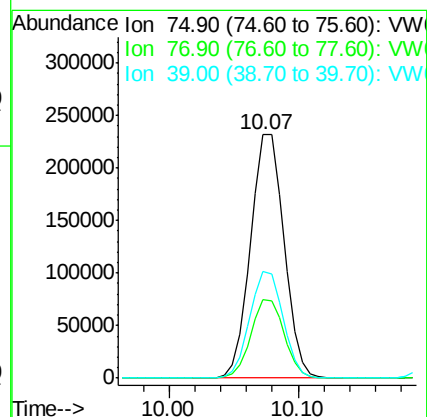
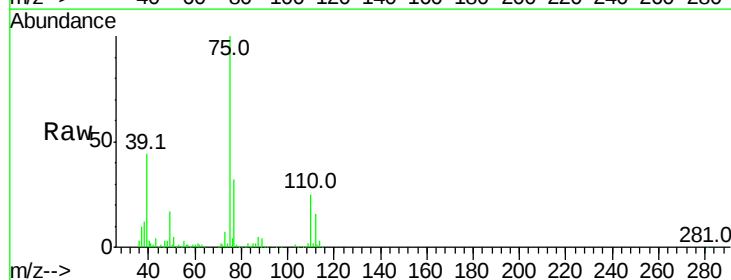
Tgt Ion: 75 Resp: 416202

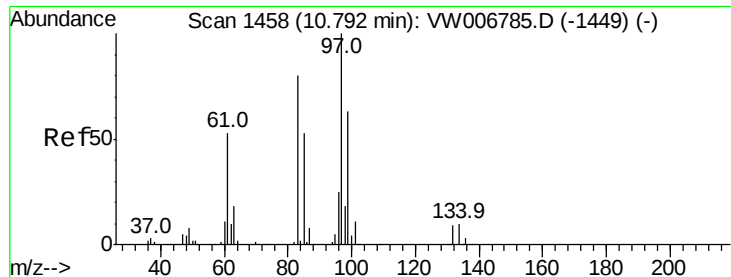
Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0

39 43.9 37.1 55.7

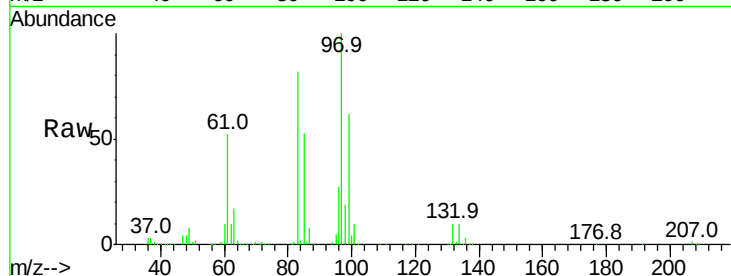




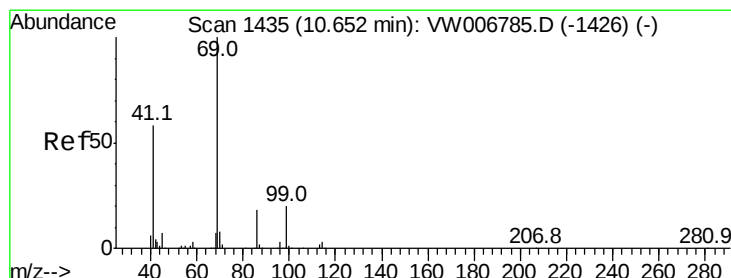
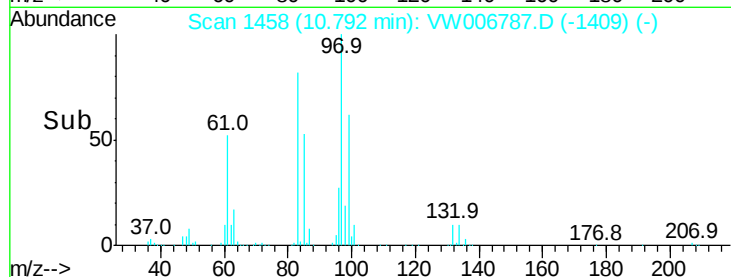
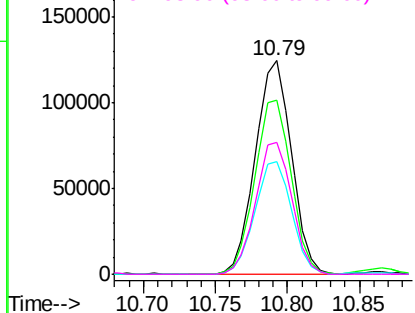
#55
 1,1,2-Trichloroethane
 Concen: 106.069 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	216264
Ion	Ratio	Lower	Upper
97	100		
83	81.6	64.4	96.6
85	52.8	42.6	63.8
99	61.6	50.2	75.2

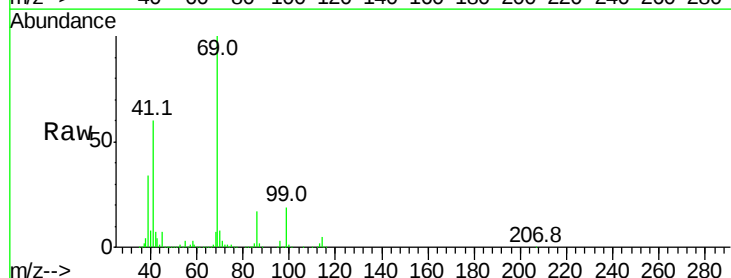


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

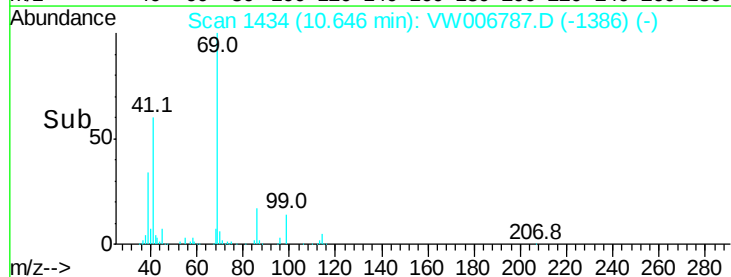
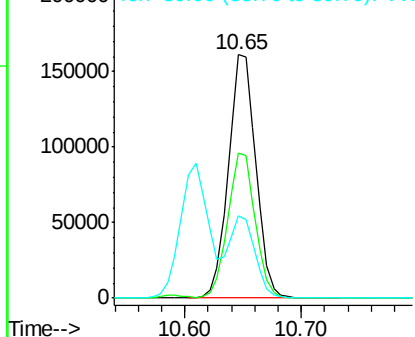


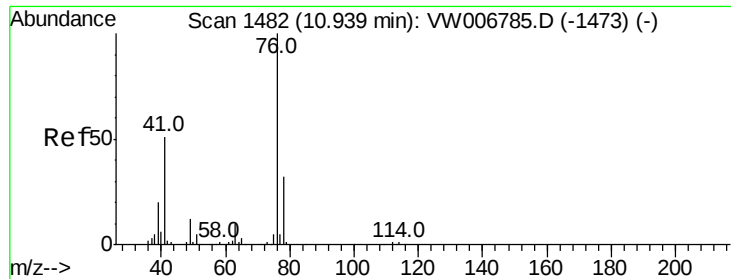
#56
 Ethyl methacrylate
 Concen: 113.872 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion:	69	Resp:	263890
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.2	70.8
39	33.3	23.4	35.0



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





#57

1,3-Dichloropropane

Concen: 103.968 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

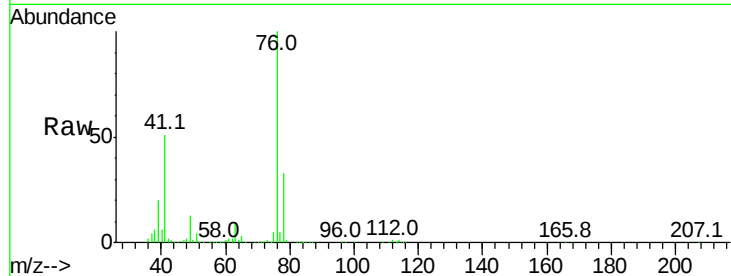
VSTDIC100

Tgt Ion: 76 Resp: 344221

Ion Ratio Lower Upper

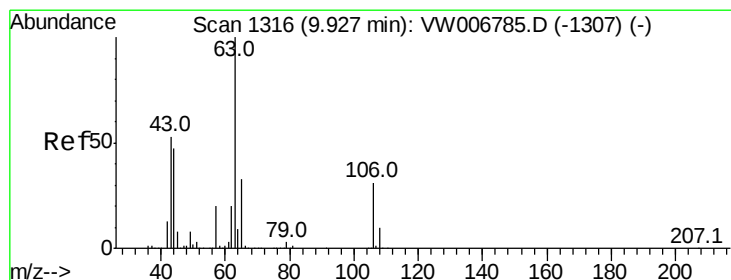
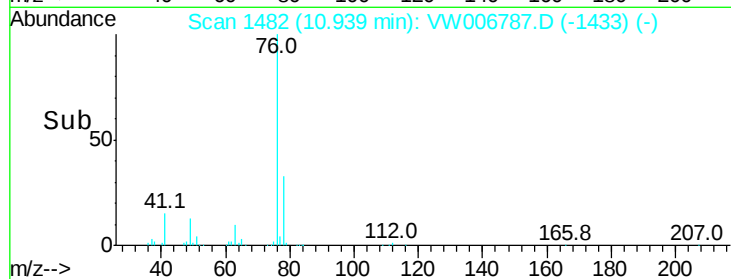
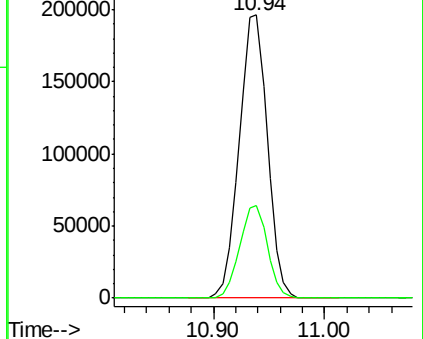
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 564.151 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006787.D

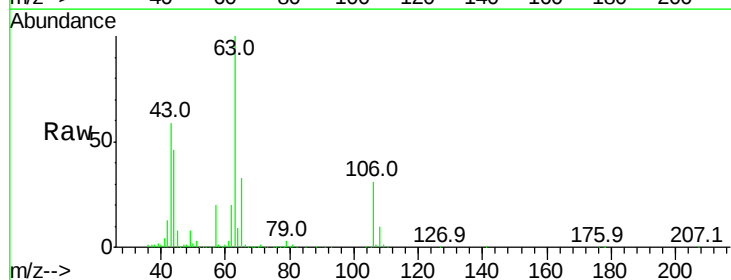
Acq: 09 Nov 2018 14:23

Tgt Ion: 63 Resp: 635526

Ion Ratio Lower Upper

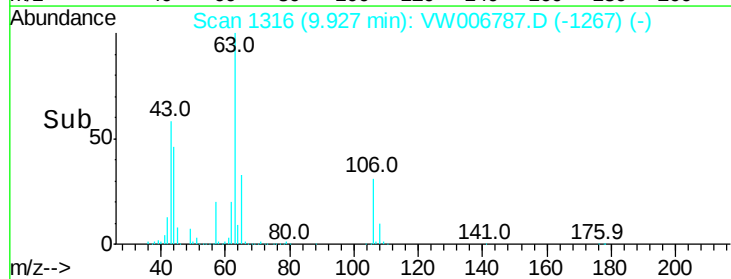
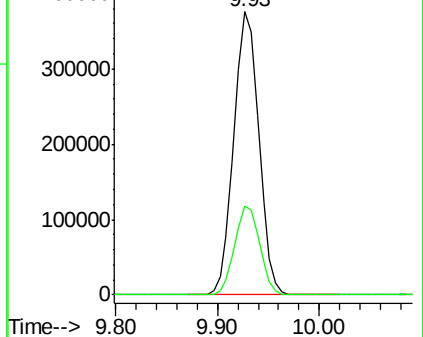
63 100

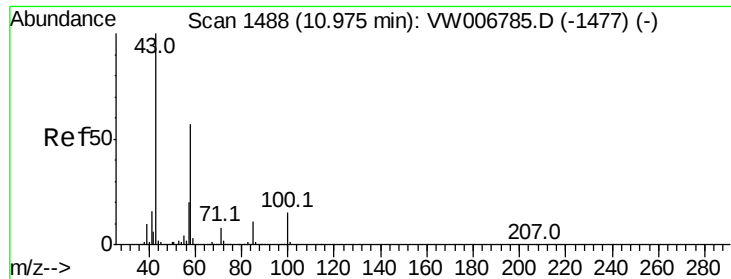
106 31.4 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

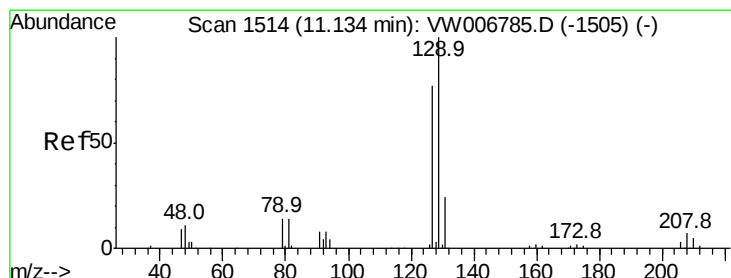
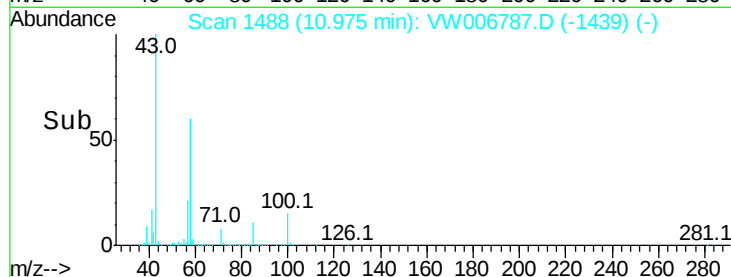
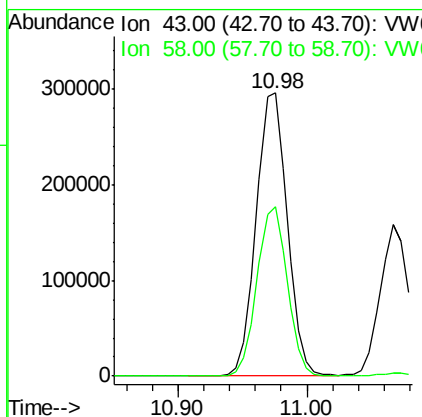
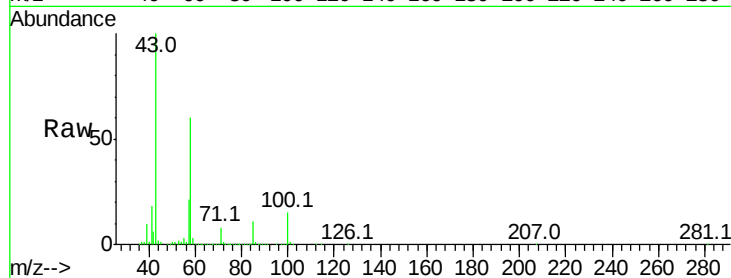




#59
2-Hexanone
Concen: 554.124 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

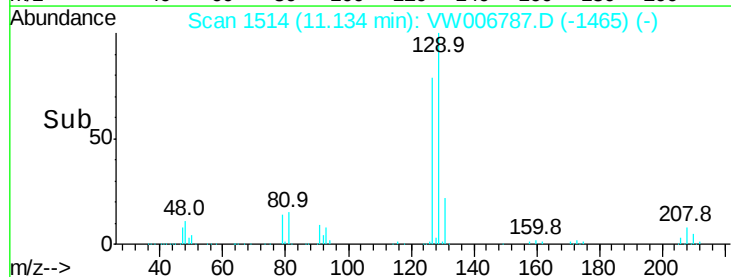
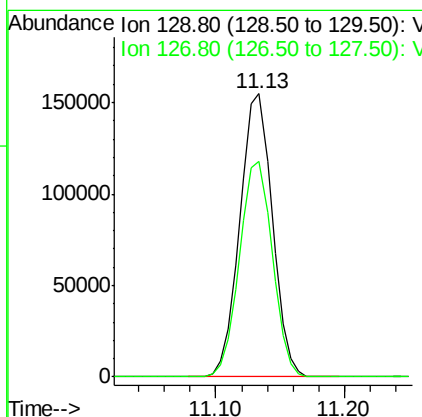
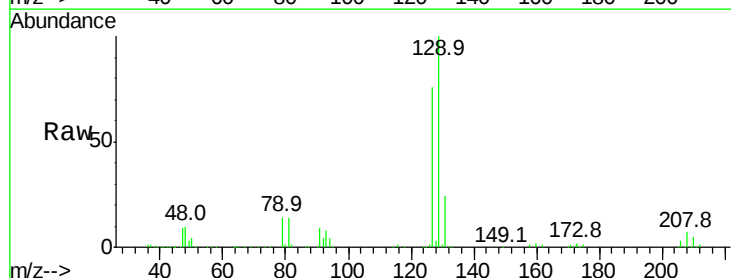
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

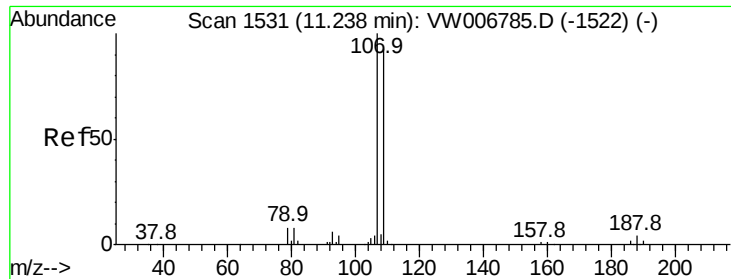
Tgt Ion: 43 Resp: 494323
Ion Ratio Lower Upper
43 100
58 58.4 28.5 85.5



#60
Dibromochloromethane
Concen: 111.986 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion: 129 Resp: 270528
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

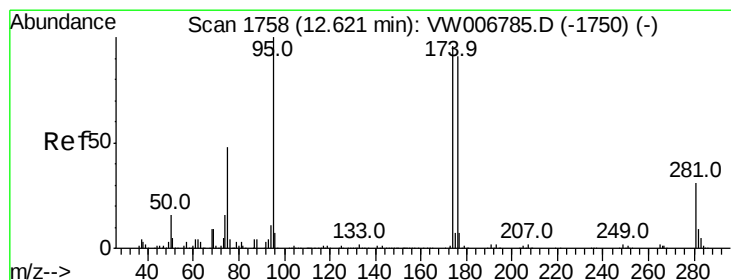
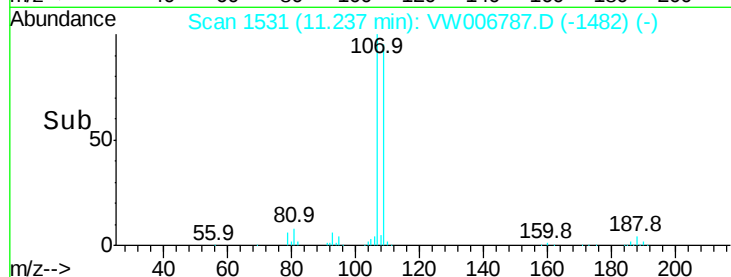
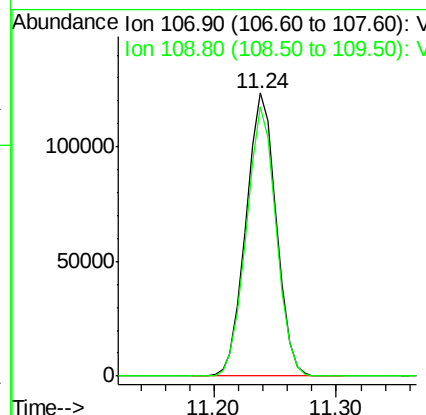
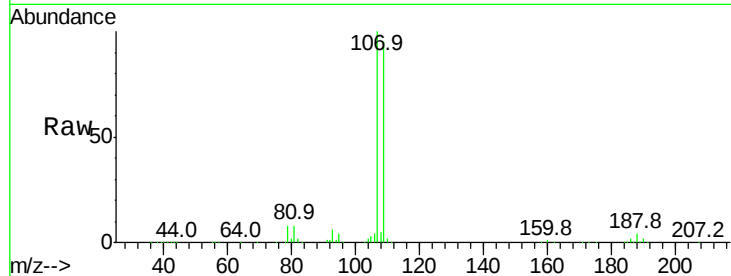




#61
 1,2-Dibromoethane
 Concen: 104.630 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

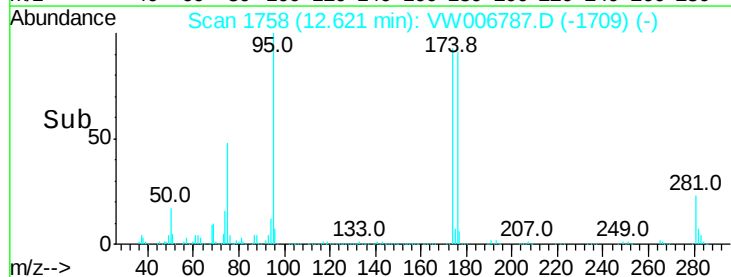
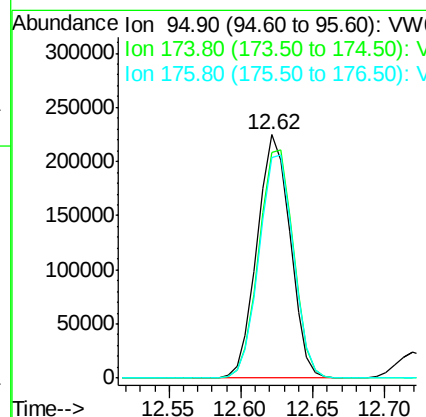
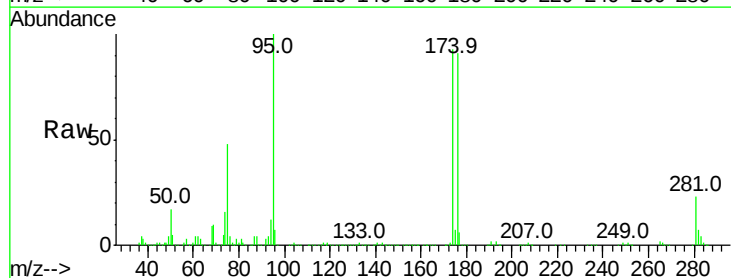
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

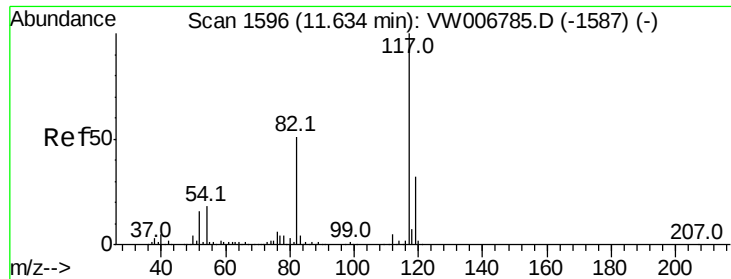
Tgt Ion: 107 Resp: 211849
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 98.070 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion: 95 Resp: 357214
 Ion Ratio Lower Upper
 95 100
 174 97.6 0.0 196.2
 176 94.7 0.0 190.8

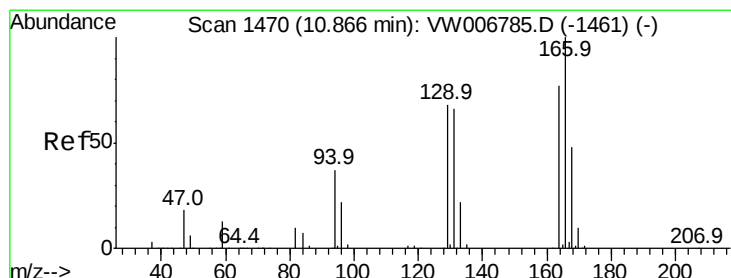
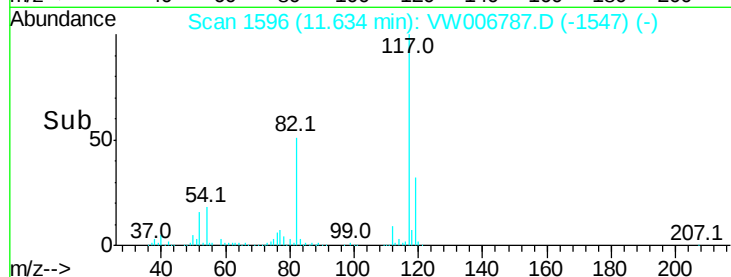
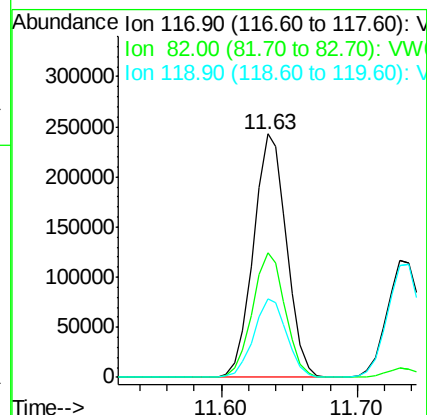
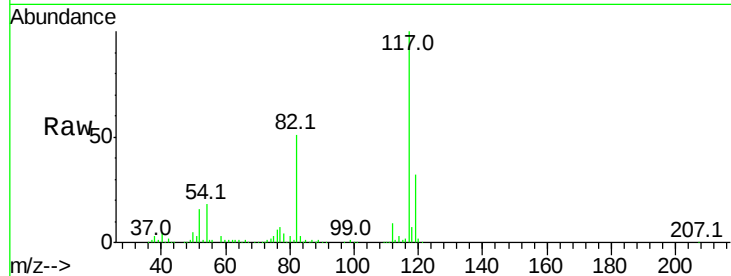




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

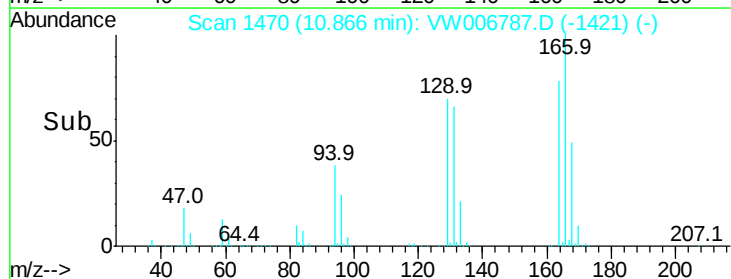
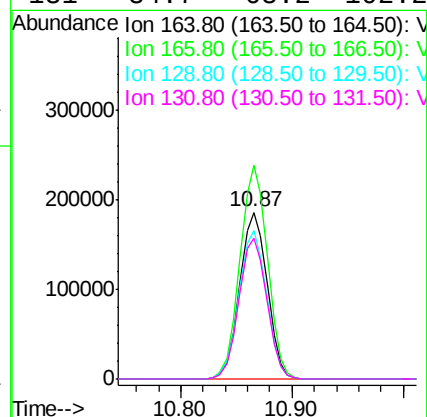
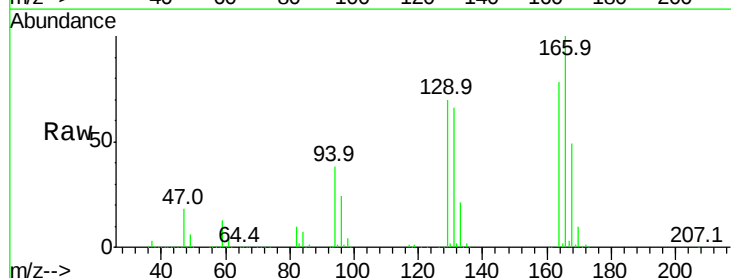
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

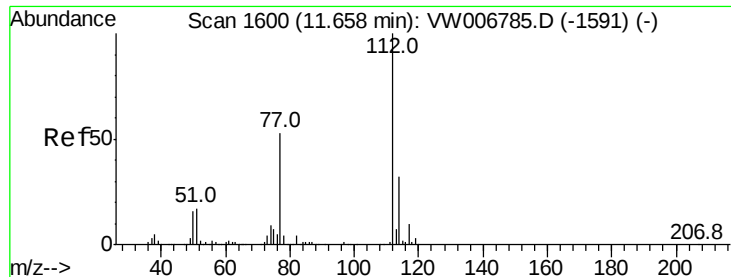
Tgt Ion:117 Resp: 412454
Ion Ratio Lower Upper
117 100
82 51.1 40.9 61.3
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 96.826 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion:164 Resp: 318350
Ion Ratio Lower Upper
164 100
166 127.9 103.7 155.5
129 89.3 70.4 105.6
131 84.7 68.2 102.2

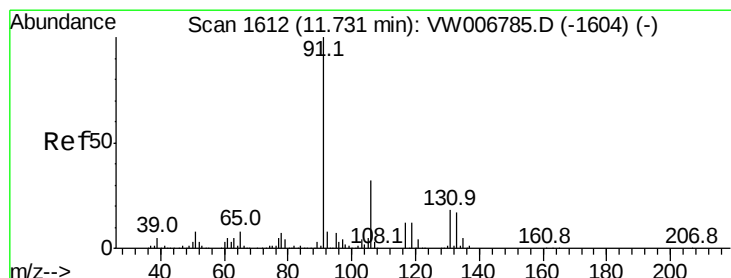
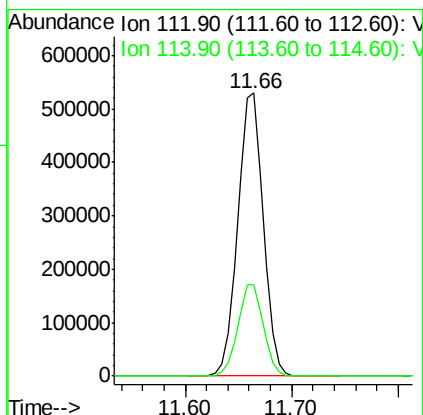
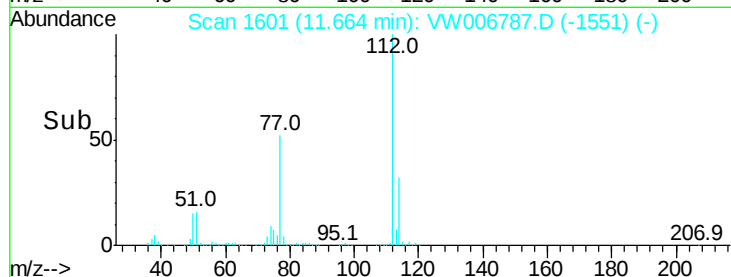
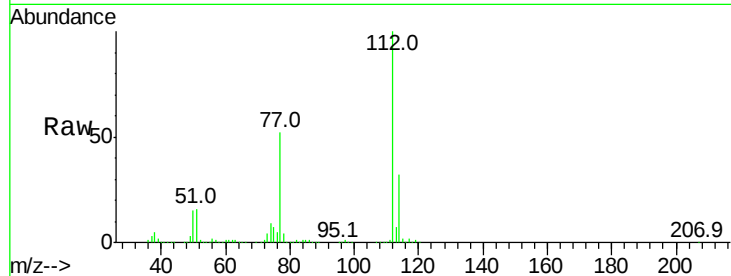




#65
Chlorobenzene
Concen: 102.840 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

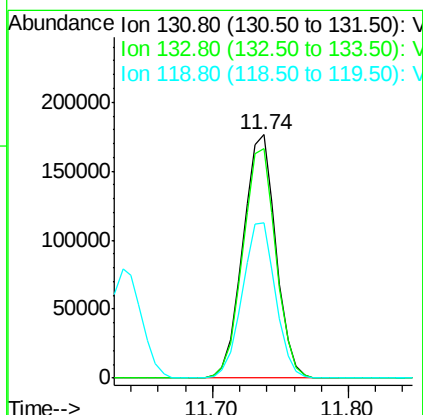
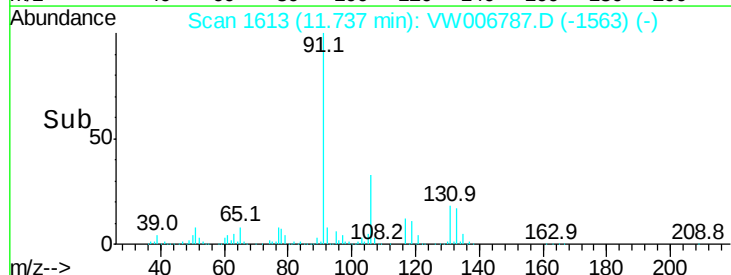
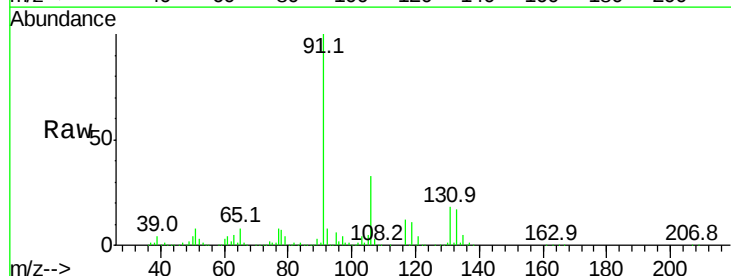
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

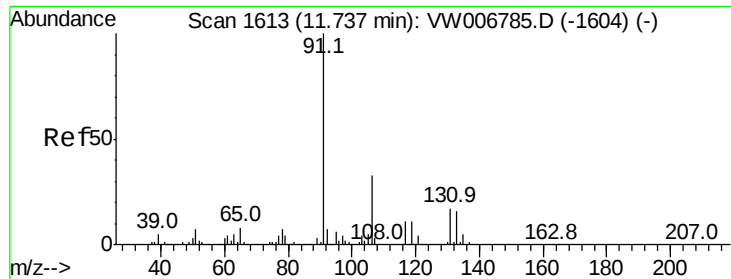
Tgt Ion:112 Resp: 892575
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 97.653 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion:131 Resp: 297901
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 64.6 32.3 96.8

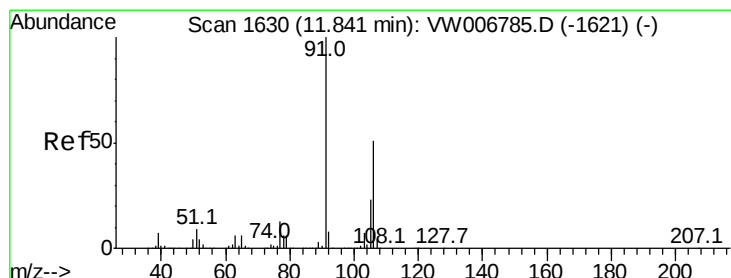
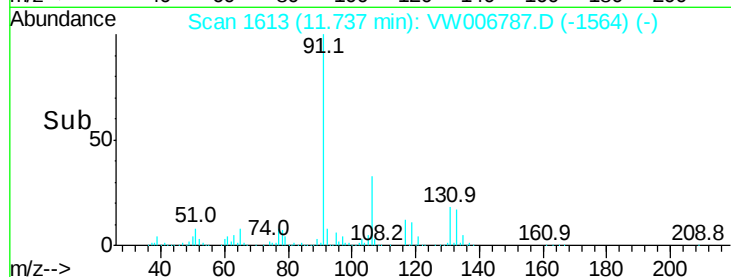
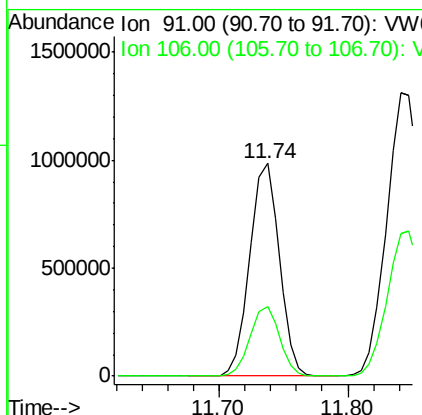
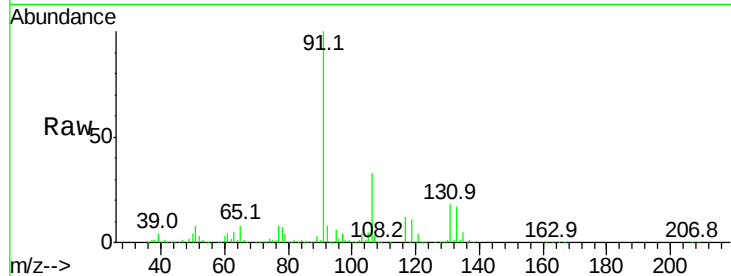




#67
Ethyl Benzene
Concen: 107.478 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

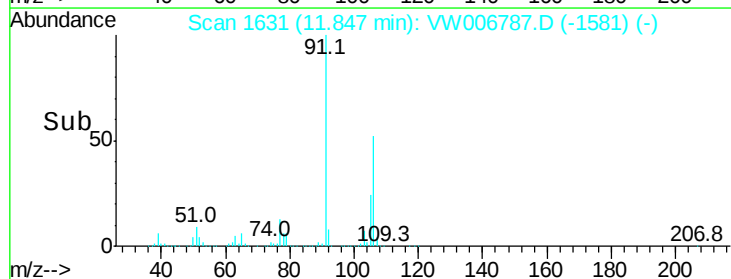
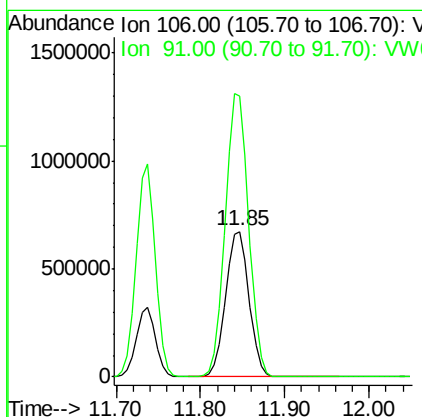
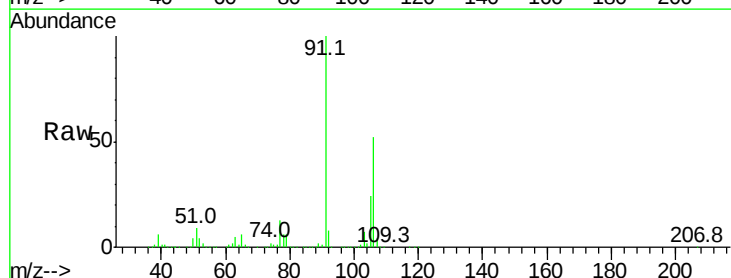
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

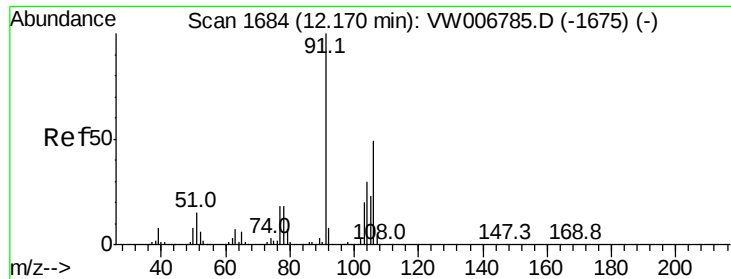
Tgt Ion: 91 Resp: 1559191
Ion Ratio Lower Upper
91 100
106 32.9 26.3 39.5



#68
m/p-Xylenes
Concen: 219.726 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion: 106 Resp: 1273505
Ion Ratio Lower Upper
106 100
91 194.9 155.3 232.9

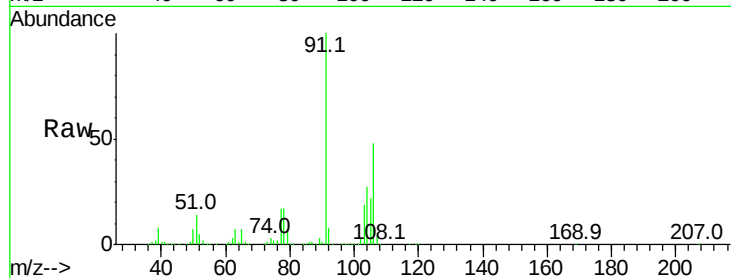




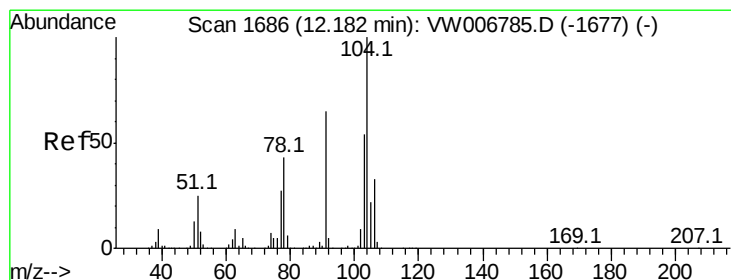
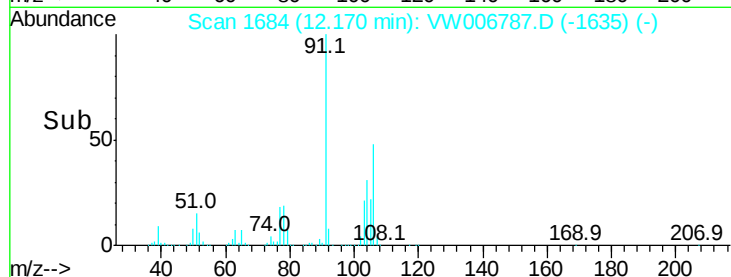
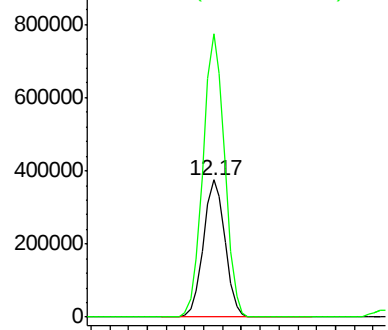
#69
o-Xylene
Concen: 108.152 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 596763
Ion Ratio Lower Upper
106 100
91 206.2 103.0 308.9

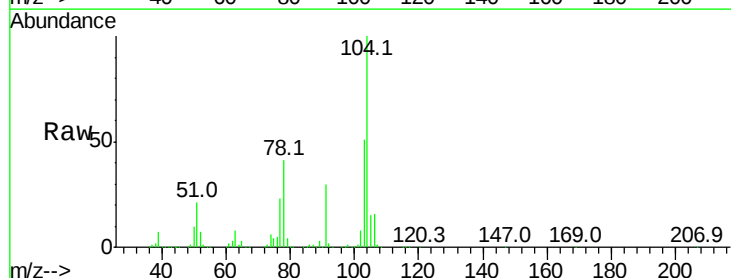


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

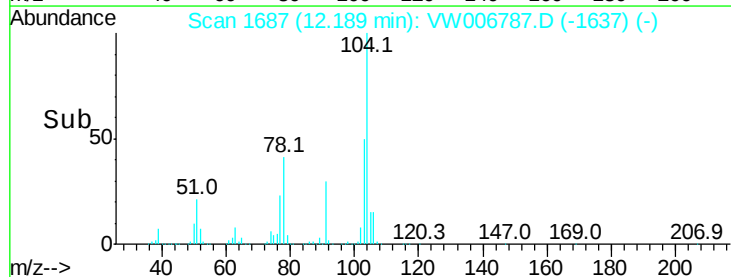
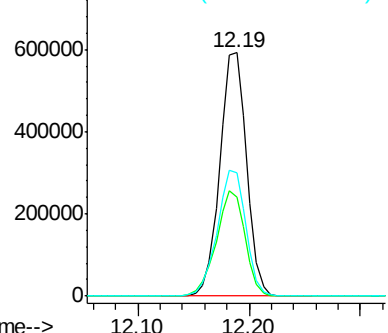


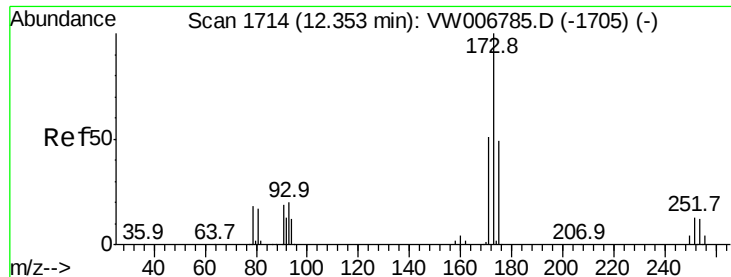
#70
Styrene
Concen: 109.858 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion:104 Resp: 988273
Ion Ratio Lower Upper
104 100
78 46.4 37.1 55.7
103 55.4 44.4 66.6



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

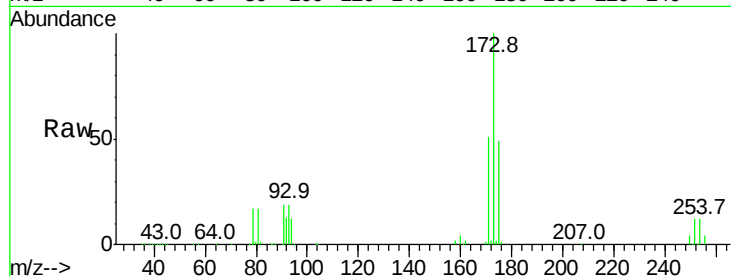




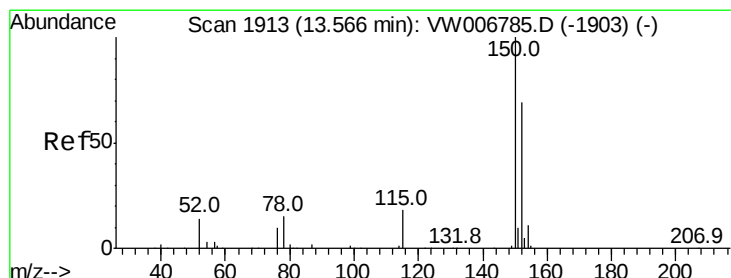
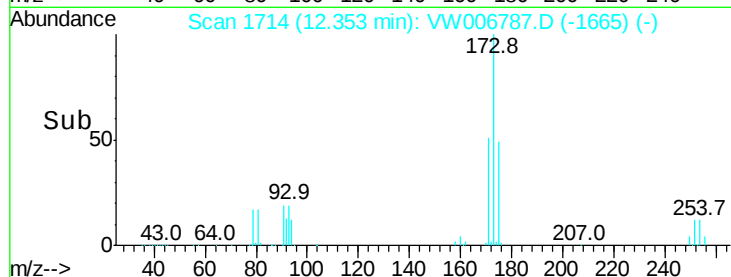
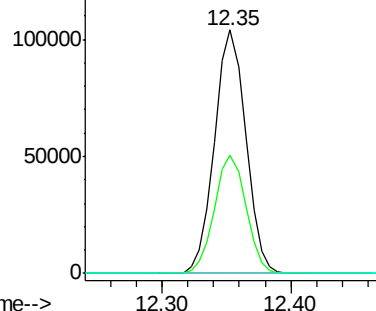
#71
Bromoform
Concen: 107.920 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 174516
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.1 0.1 0.1#

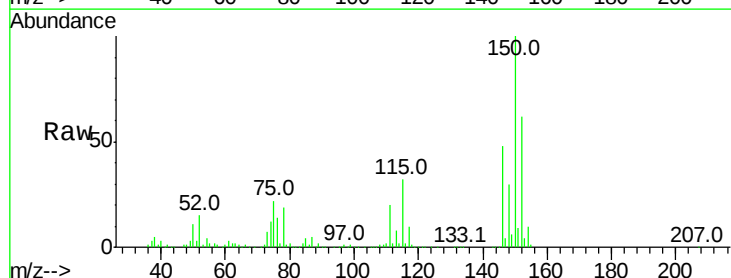


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

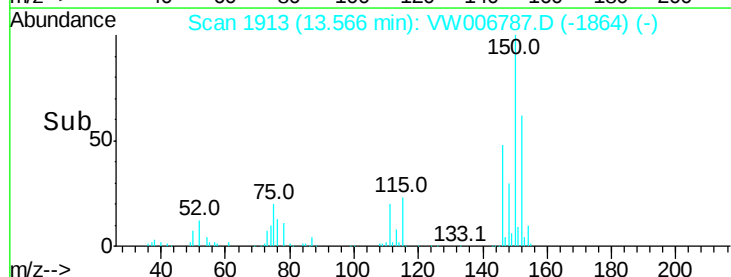
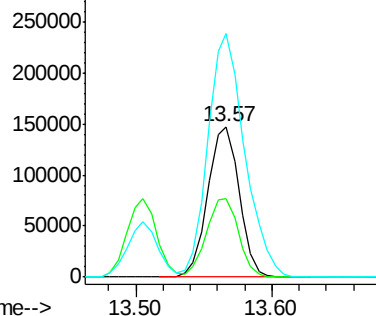


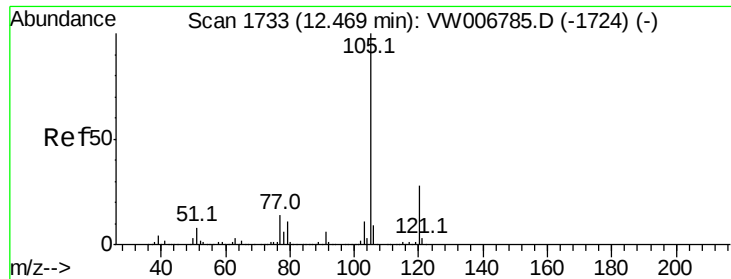
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion:152 Resp: 237222
Ion Ratio Lower Upper
152 100
115 52.7 26.7 80.0
150 189.5 0.0 348.0



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: 105.471 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

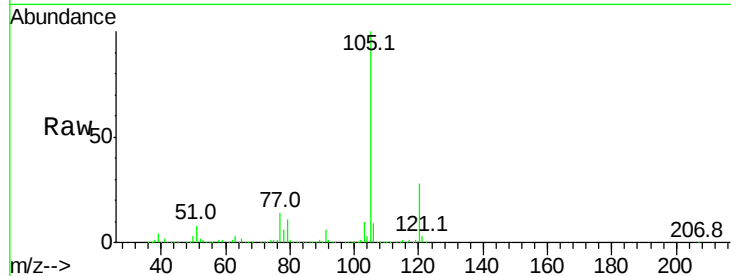
VSTDIC100

Tgt Ion:105 Resp: 1648190

Ion Ratio Lower Upper

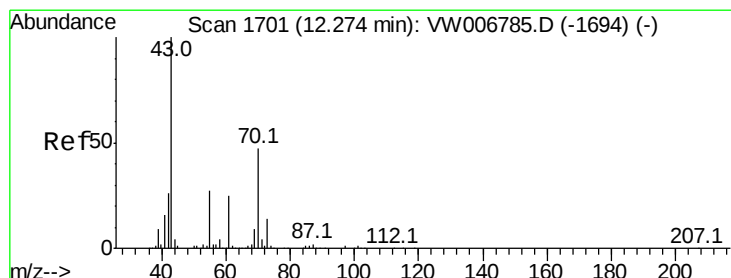
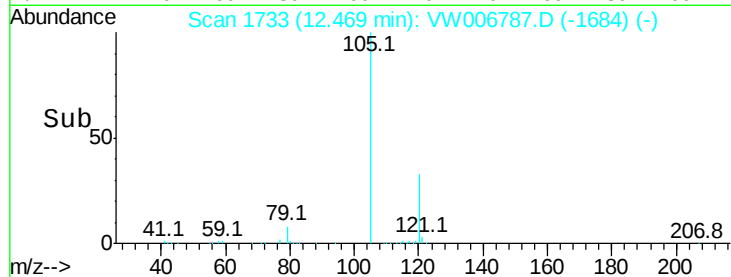
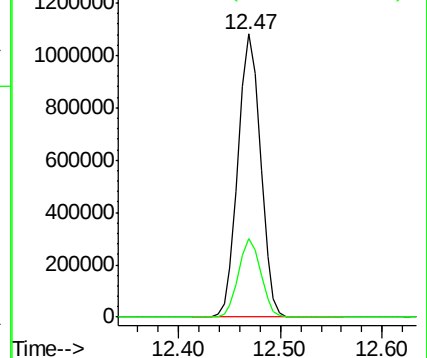
105 100

120 27.4 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 103.834 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Tgt Ion: 43 Resp: 280391

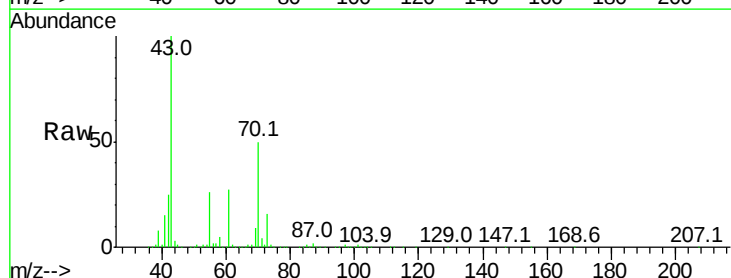
Ion Ratio Lower Upper

43 100

70 48.2 38.3 57.5

55 26.8 22.3 33.5

61 26.5 20.1 30.1

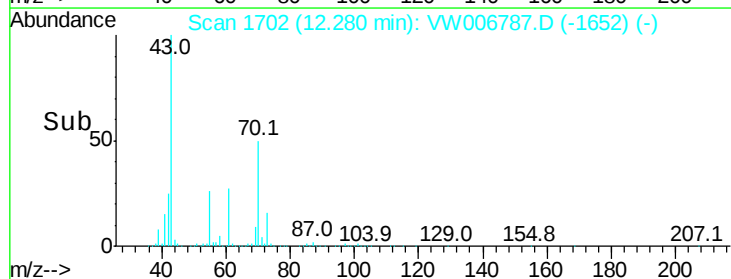
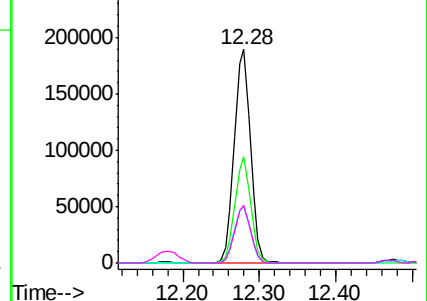


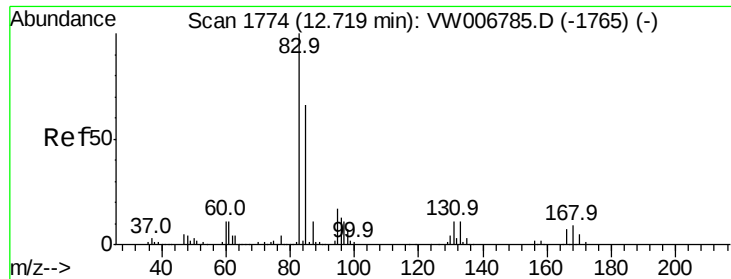
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 97.221 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

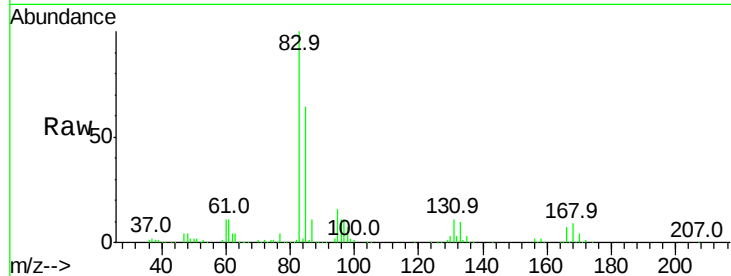
Tgt Ion: 83 Resp: 239956

Ion Ratio Lower Upper

83 100

131 11.9 6.0 18.0

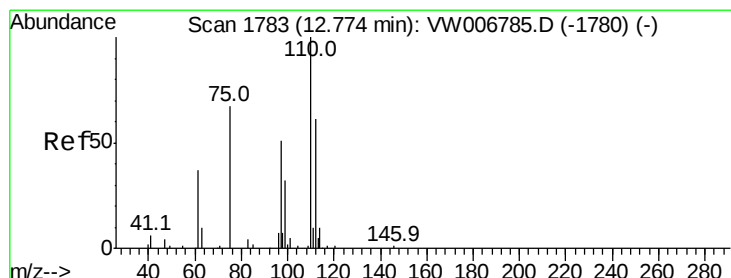
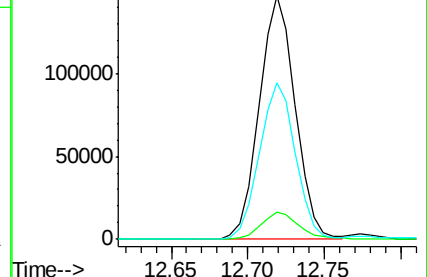
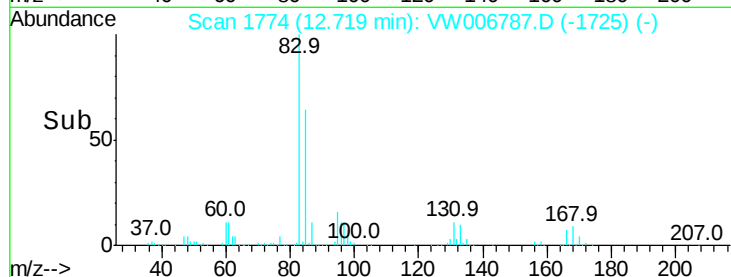
85 64.2 32.3 96.8



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: 170.899 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006787.D

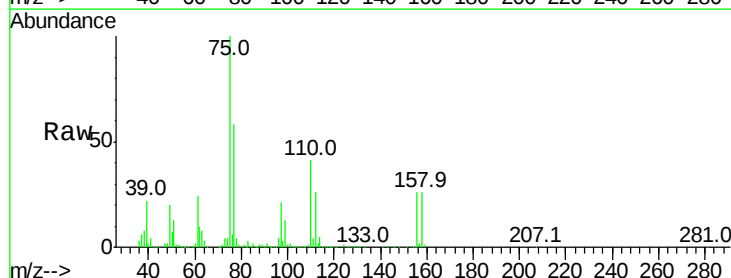
Acq: 09 Nov 2018 14:23

Tgt Ion: 75 Resp: 316313

Ion Ratio Lower Upper

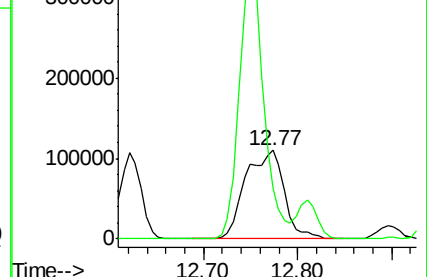
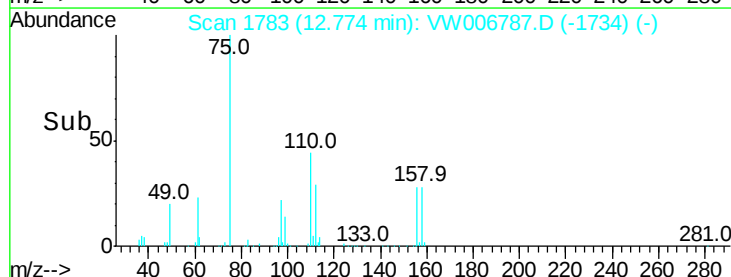
75 100

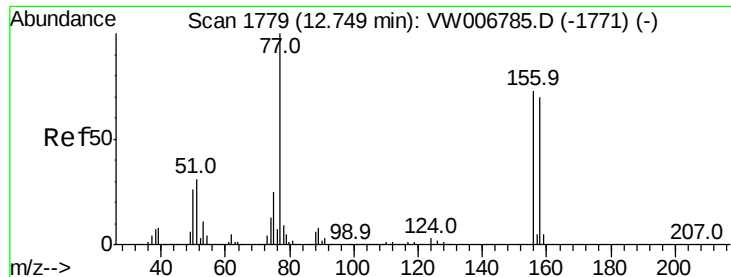
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 100.115 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

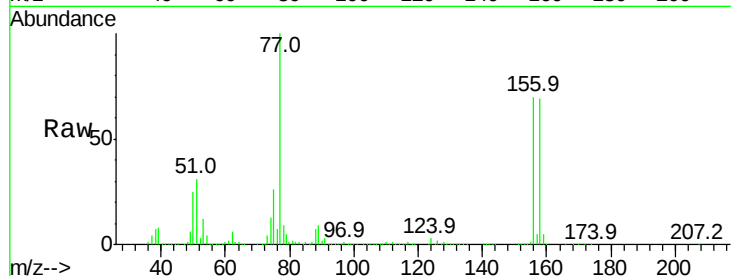
Tgt Ion:156 Resp: 405070

Ion Ratio Lower Upper

156 100

77 153.0 75.4 226.3

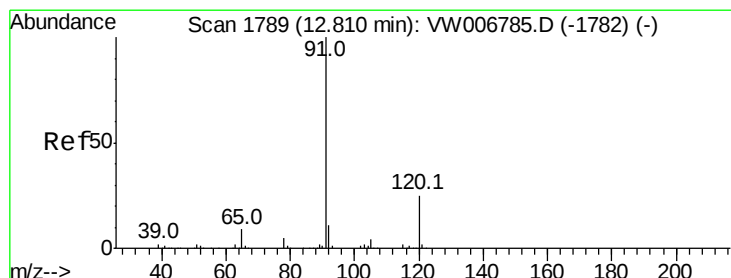
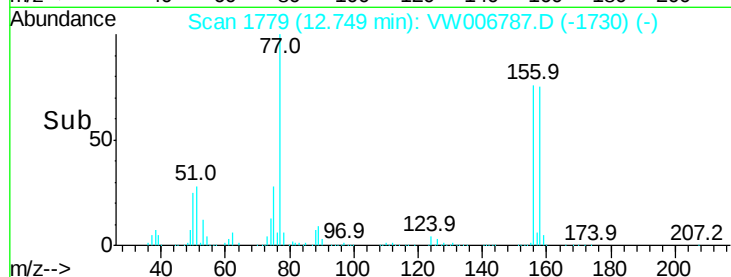
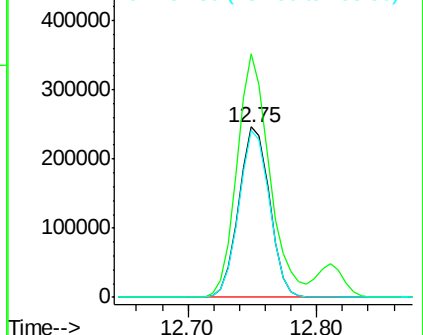
158 97.6 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 106.963 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006787.D

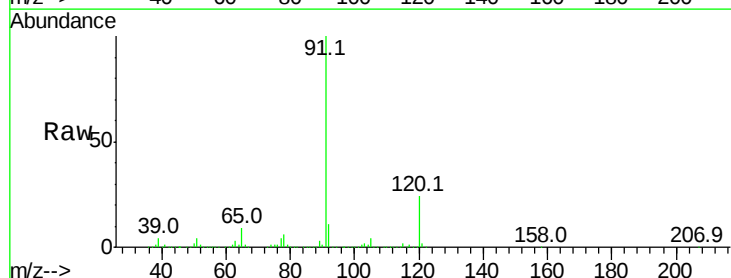
Acq: 09 Nov 2018 14:23

Tgt Ion: 91 Resp: 1922615

Ion Ratio Lower Upper

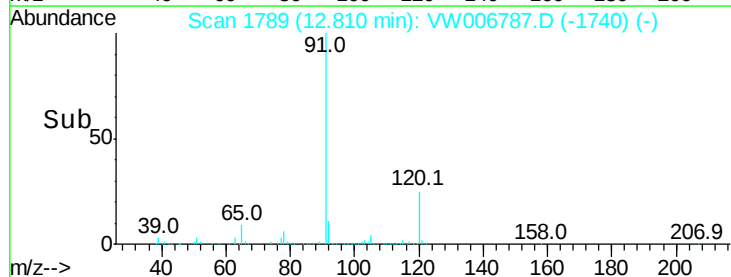
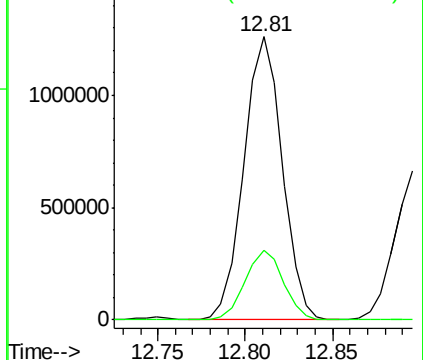
91 100

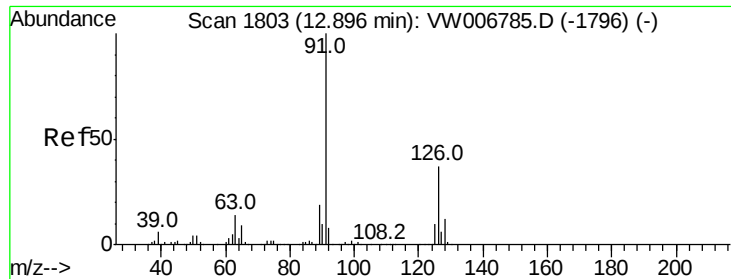
120 24.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 102.960 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

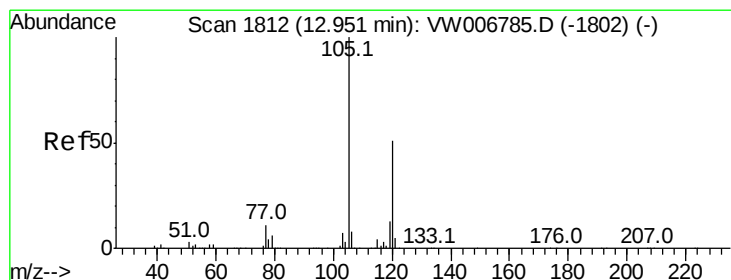
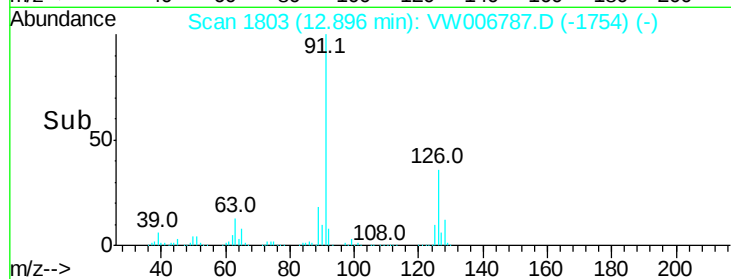
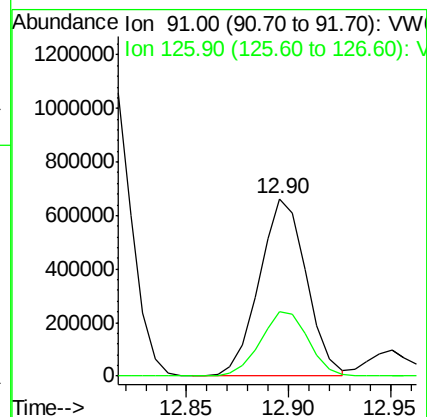
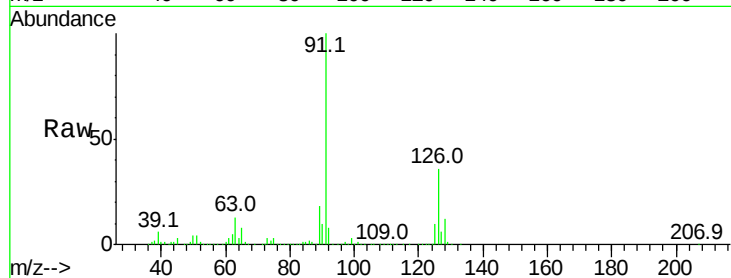
VSTDIC100

Tgt Ion: 91 Resp: 1062093

Ion Ratio Lower Upper

91 100

126 37.1 18.4 55.2



#80

1,3,5-Trimethylbenzene

Concen: 105.749 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006787.D

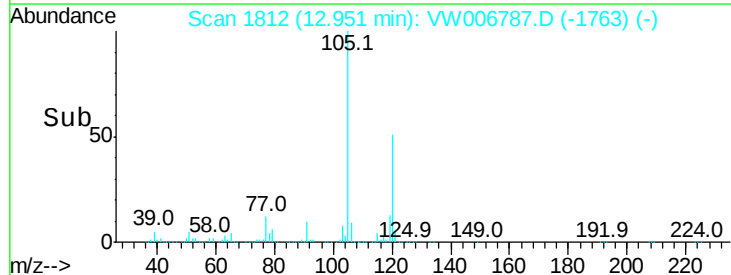
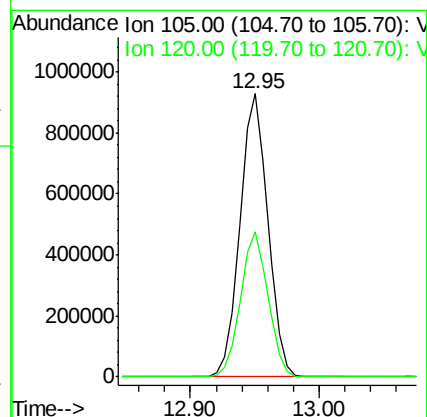
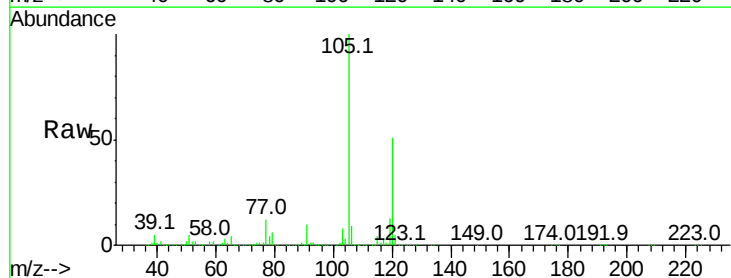
Acq: 09 Nov 2018 14:23

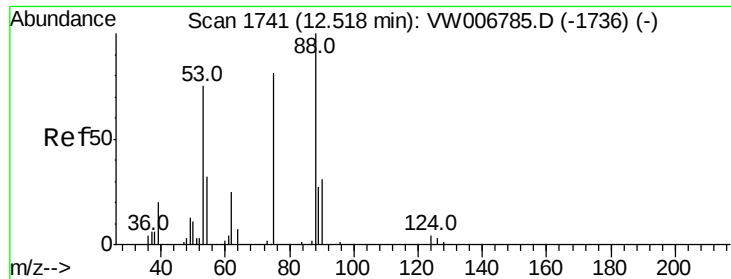
Tgt Ion: 105 Resp: 1388343

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 118.419 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

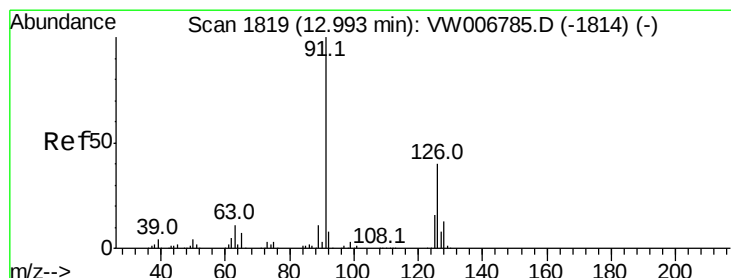
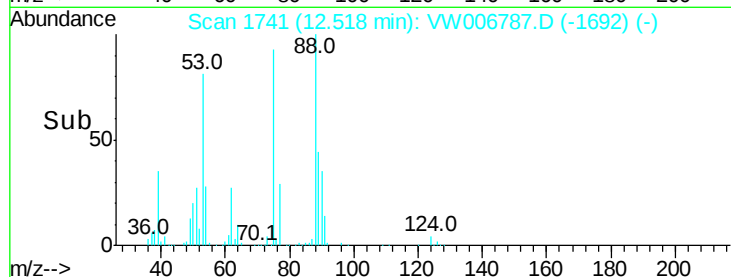
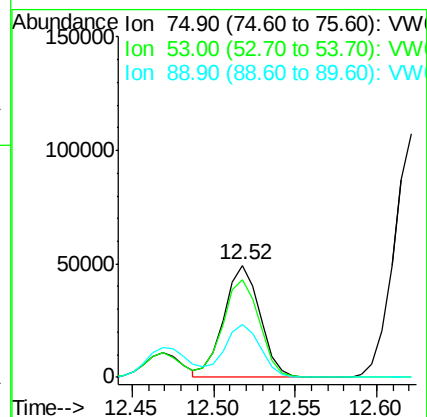
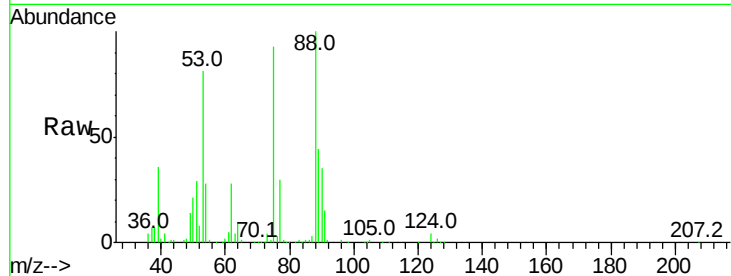
Tgt Ion: 75 Resp: 75475

Ion Ratio Lower Upper

75 100

53 89.6 74.0 111.0

89 47.6 38.1 57.1



#82

4-Chlorotoluene

Concen: 103.620 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006787.D

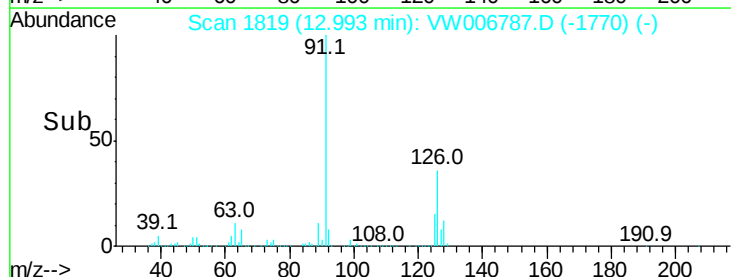
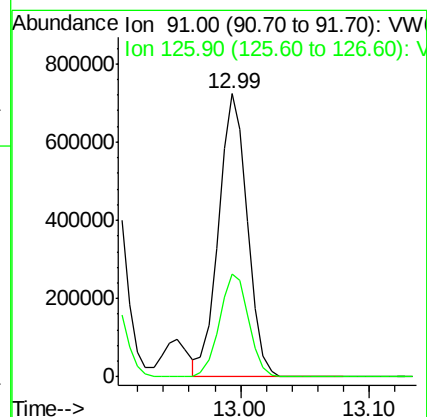
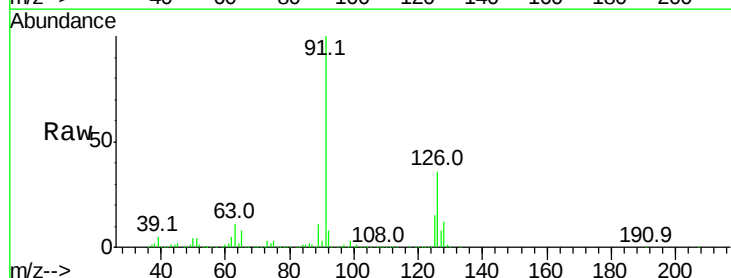
Acq: 09 Nov 2018 14:23

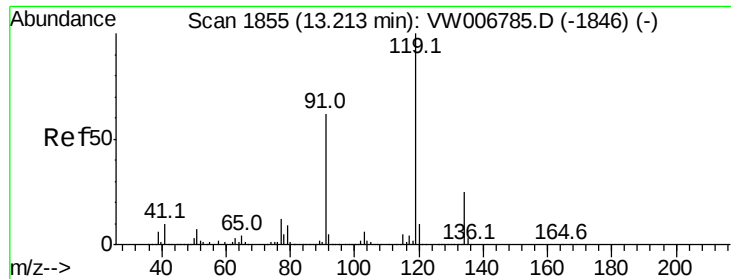
Tgt Ion: 91 Resp: 1130844

Ion Ratio Lower Upper

91 100

126 36.9 18.6 55.6

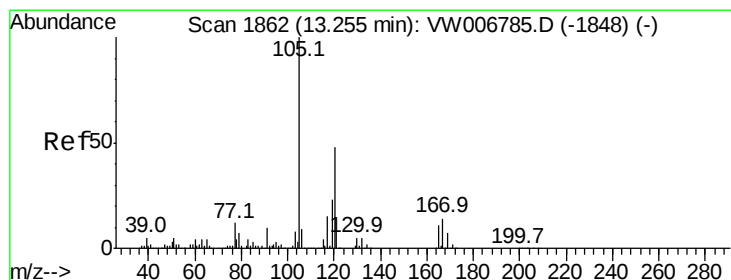
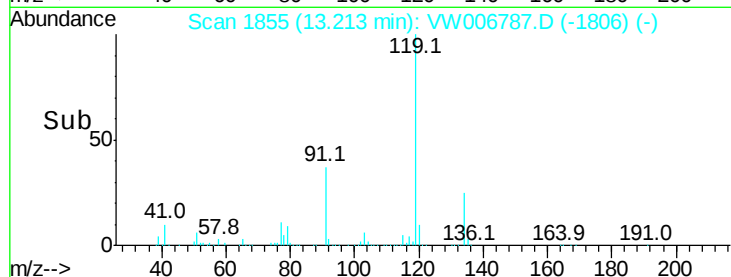
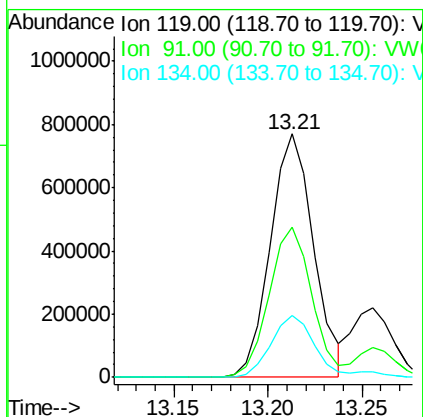
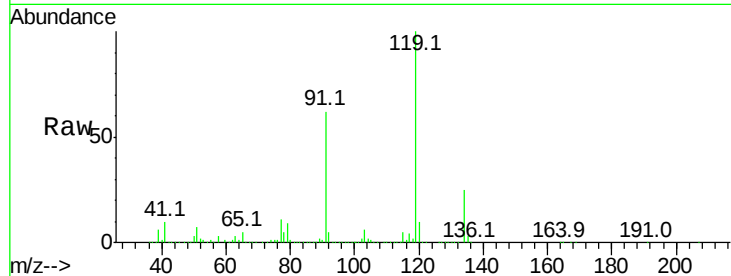




#83
 tert-Butylbenzene
 Concen: 104.593 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

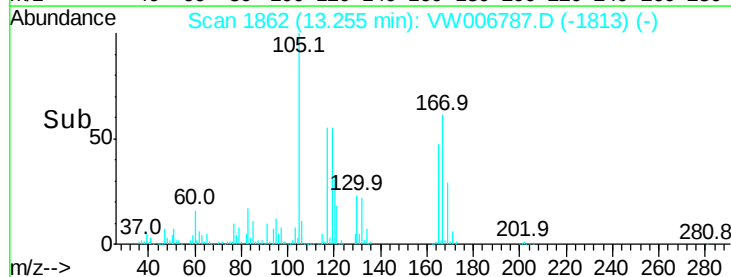
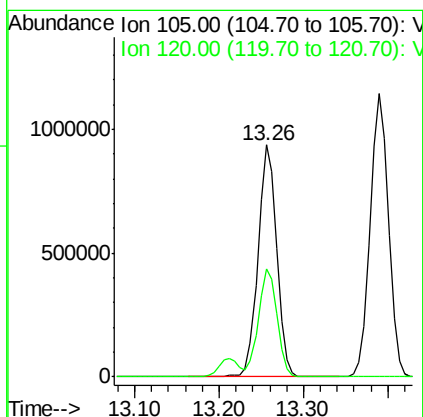
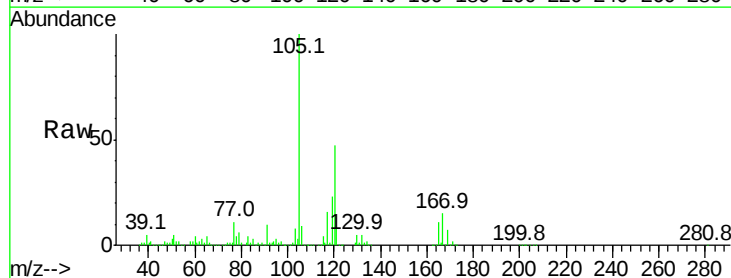
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

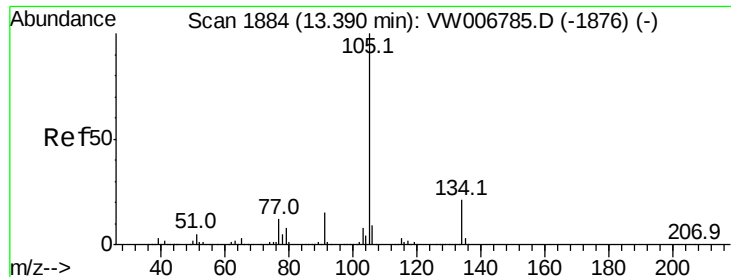
Tgt Ion:119 Resp: 1224548
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.4 91.2
 134 26.9 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 105.382 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion:105 Resp: 1419088
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.0

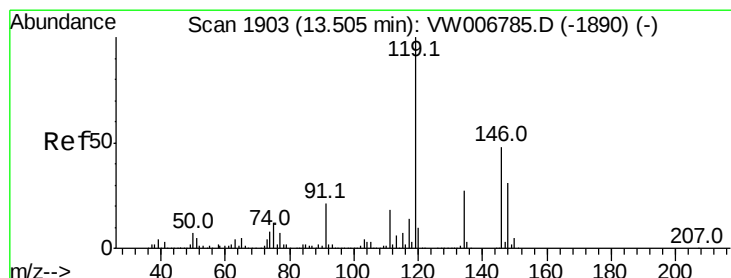
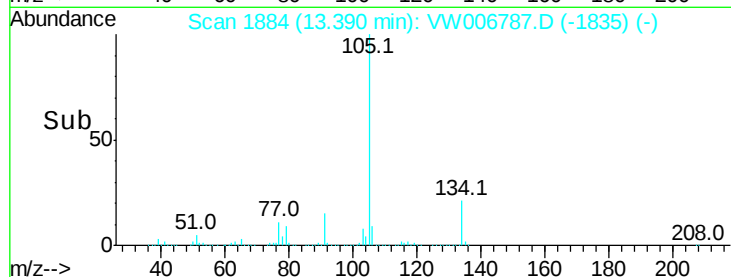
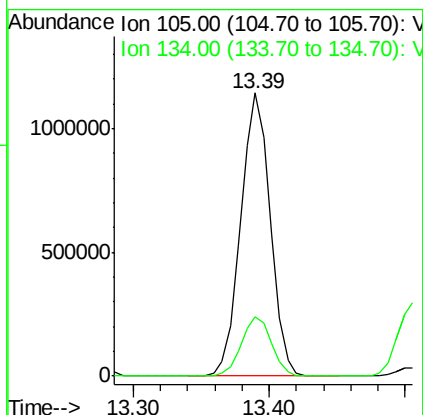
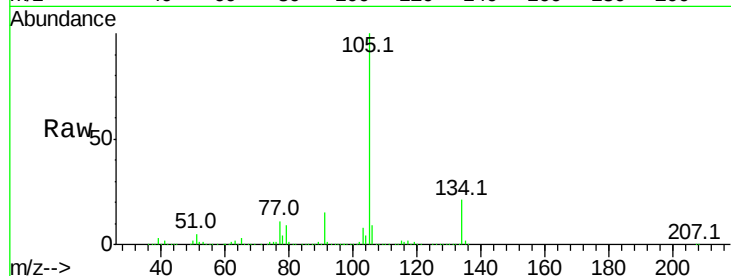




#85
 sec-Butylbenzene
 Concen: 105.342 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

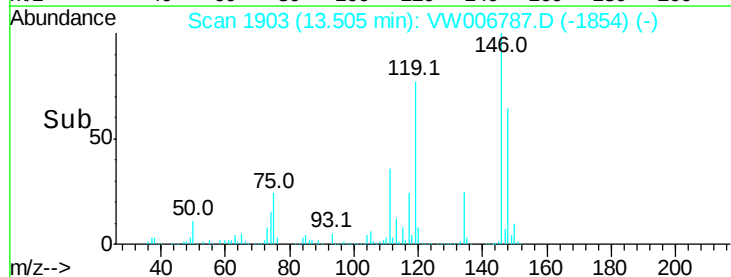
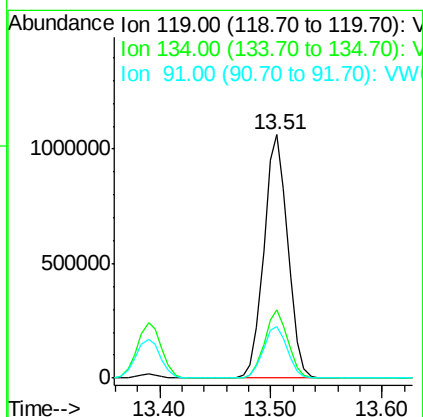
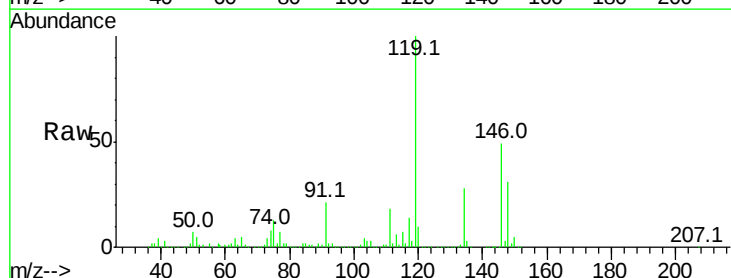
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

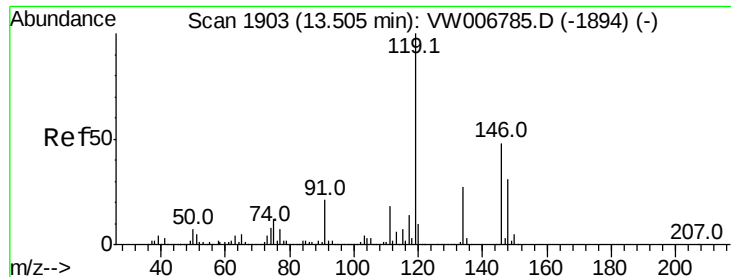
Tgt Ion:105 Resp: 1727353
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 106.375 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion:119 Resp: 1587153
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.5 10.8 32.4

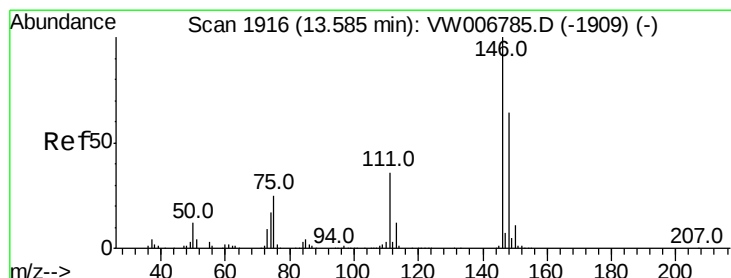
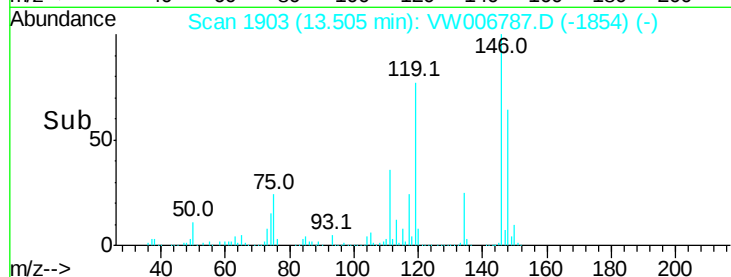
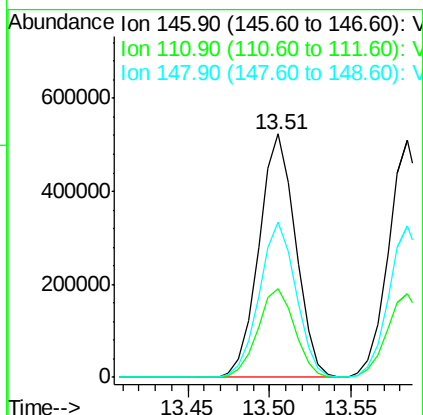
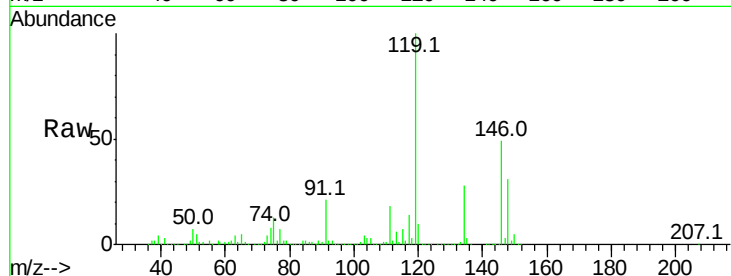




#87
 1,3-Dichlorobenzene
 Concen: 101.991 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

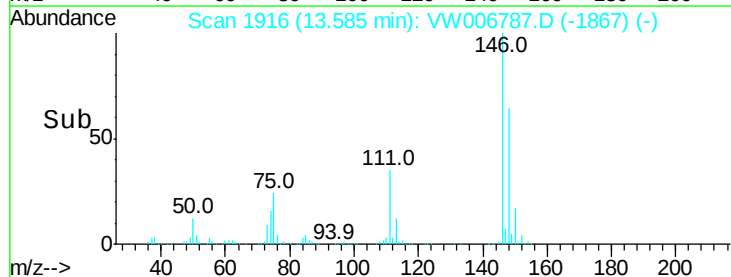
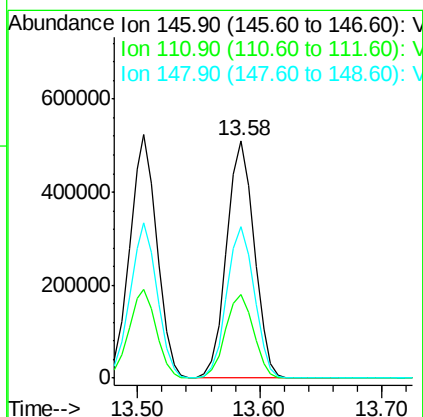
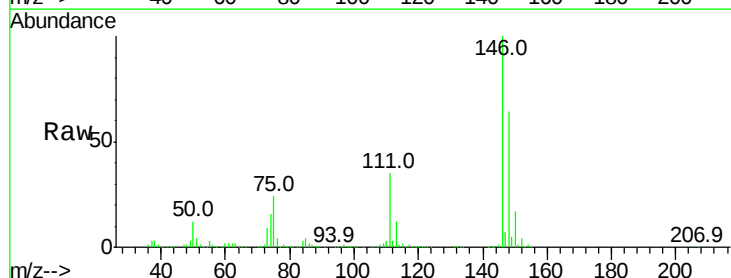
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

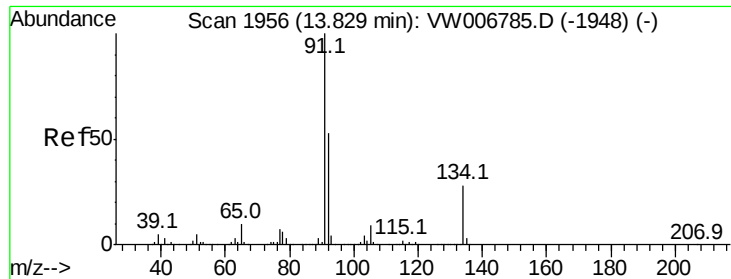
Tgt Ion:146 Resp: 812685
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 100.704 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion:146 Resp: 795401
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.1 54.1
 148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 108.929 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

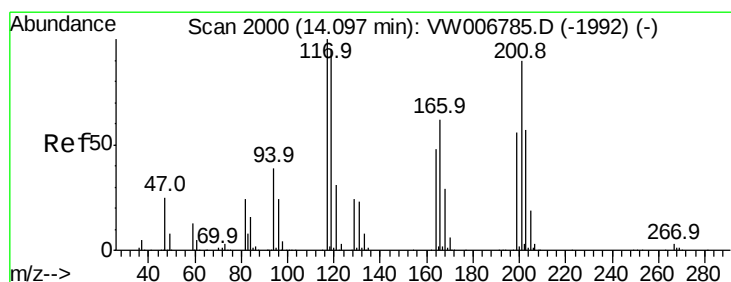
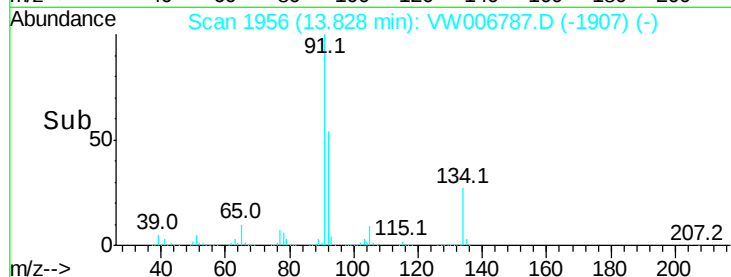
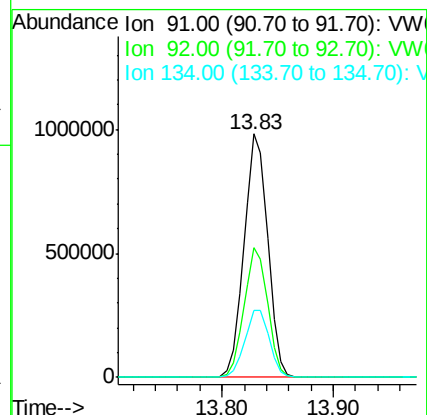
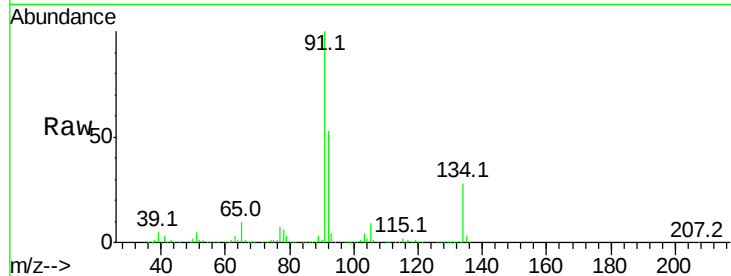
Tgt Ion: 91 Resp: 1442718

Ion Ratio Lower Upper

91 100

92 53.0 26.1 78.2

134 28.6 14.2 42.8



#90

Hexachloroethane

Concen: 103.025 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006787.D

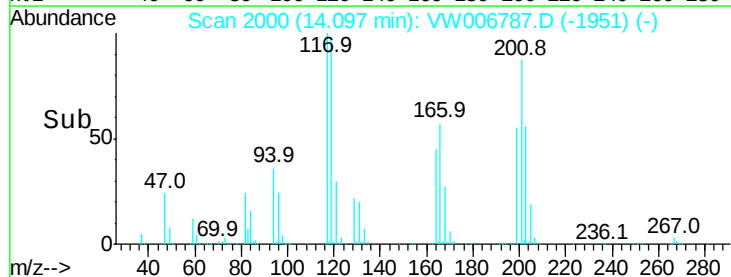
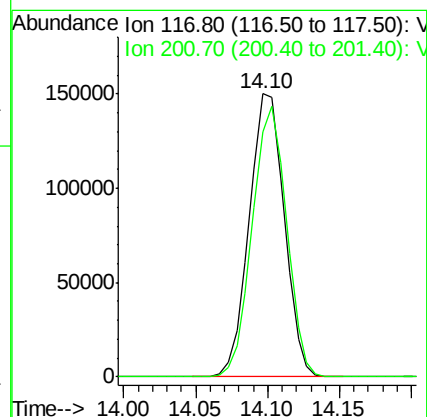
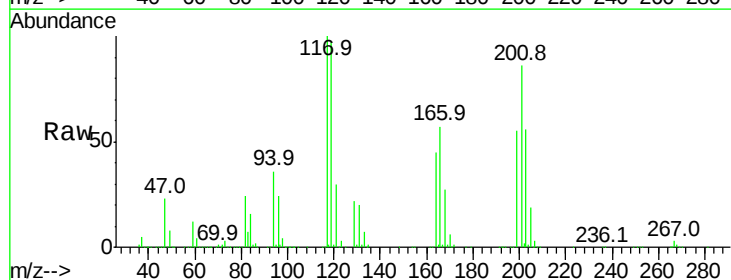
Acq: 09 Nov 2018 14:23

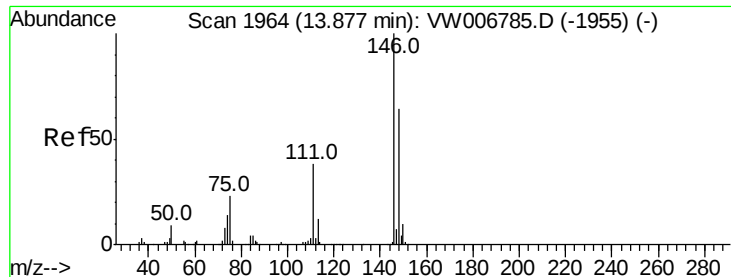
Tgt Ion: 117 Resp: 252640

Ion Ratio Lower Upper

117 100

201 93.5 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 98.087 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

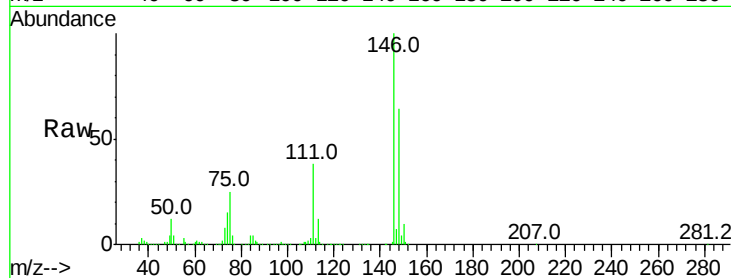
Tgt Ion:146 Resp: 703038

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

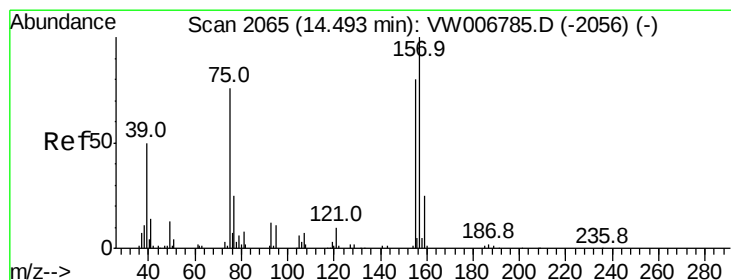
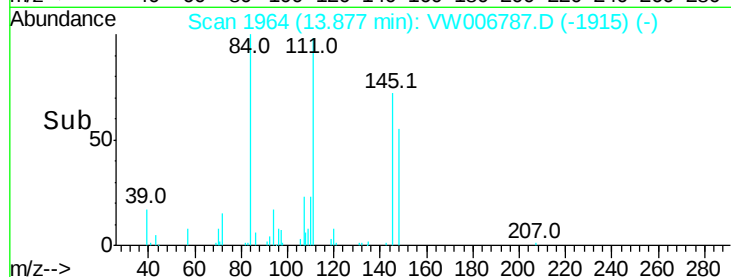
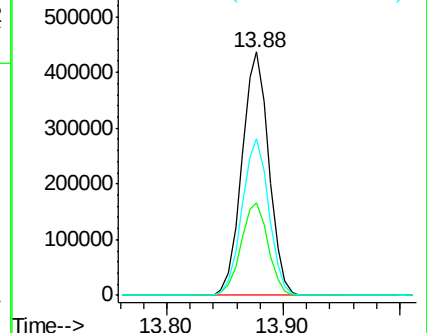
148 64.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 96.537 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006787.D

Acq: 09 Nov 2018 14:23

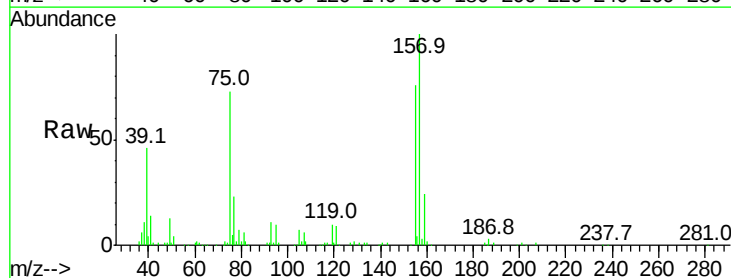
Tgt Ion: 75 Resp: 38662

Ion Ratio Lower Upper

75 100

155 102.5 51.0 153.1

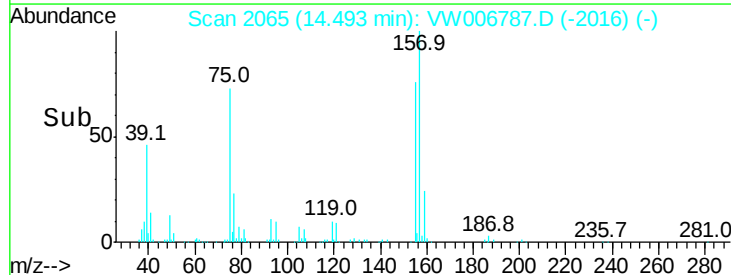
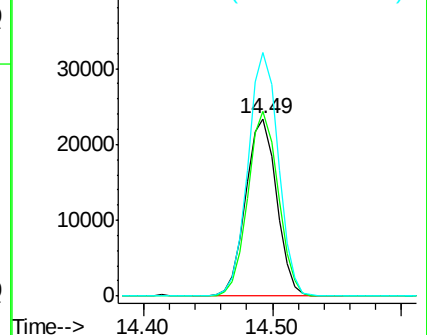
157 134.6 65.5 196.5

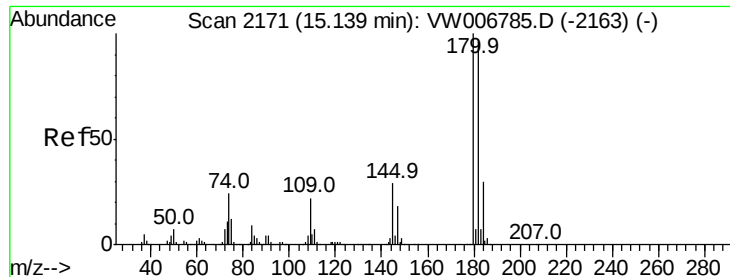


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

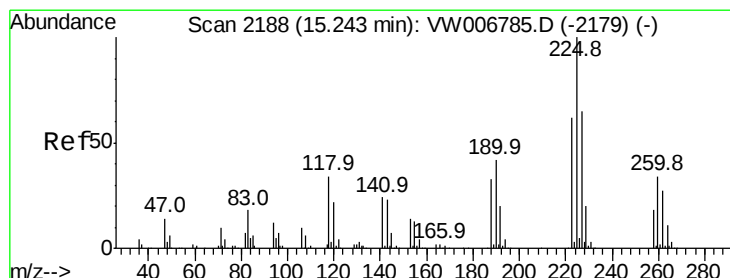
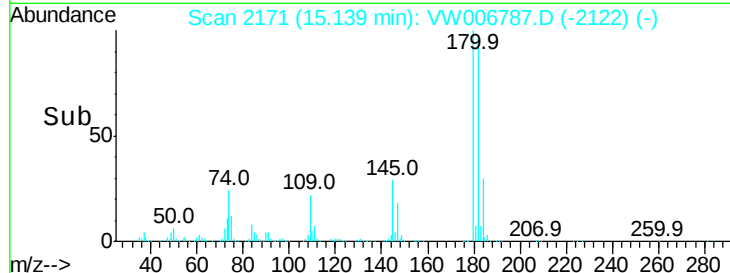
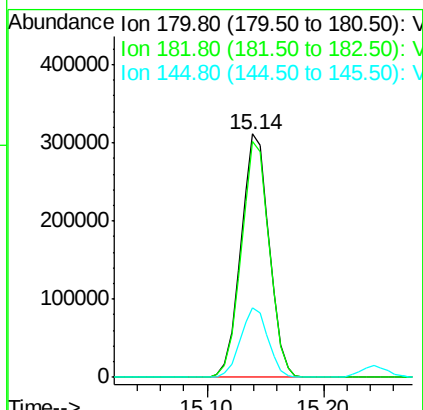
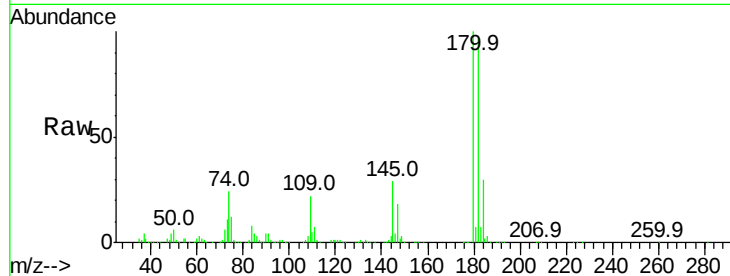




#93
 1,2,4-Trichlorobenzene
 Concen: 98.245 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

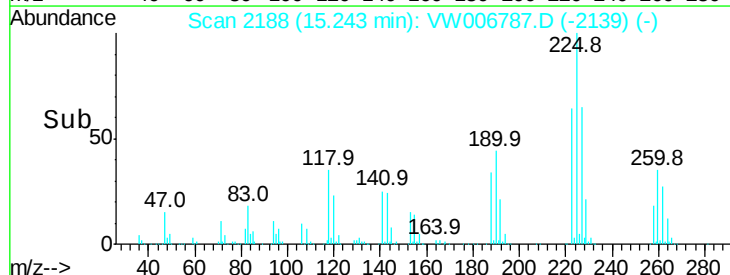
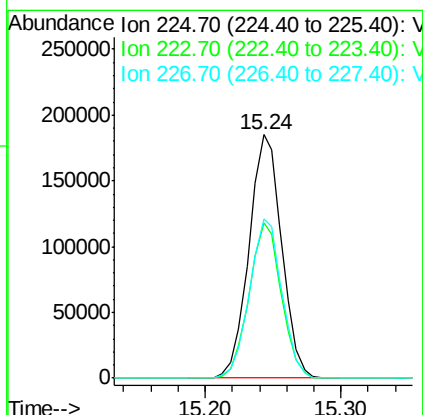
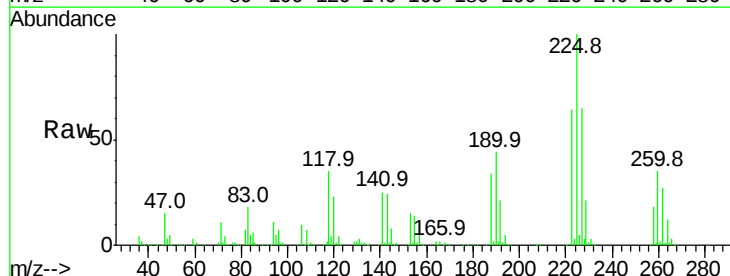
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

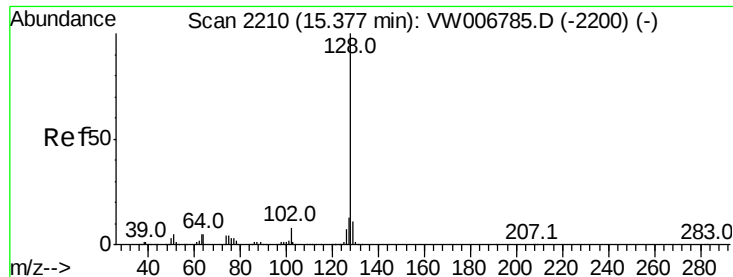
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.8
145	28.1	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 93.604 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006787.D
 Acq: 09 Nov 2018 14:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.5
227	64.7	31.9	95.7

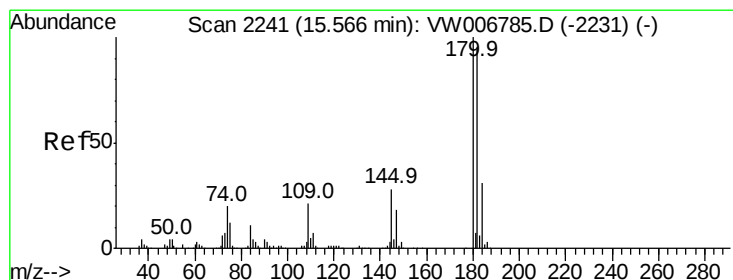
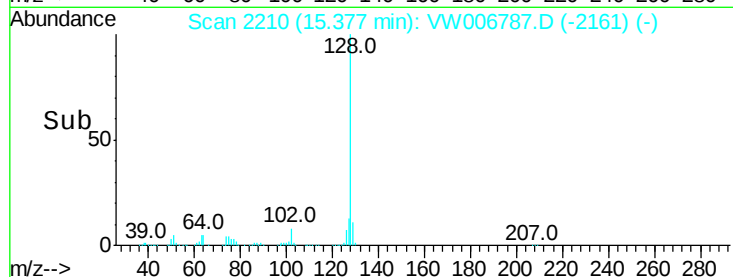
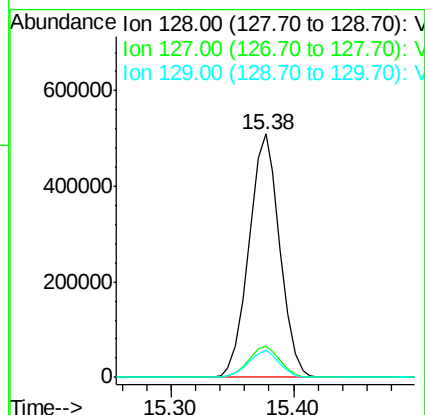
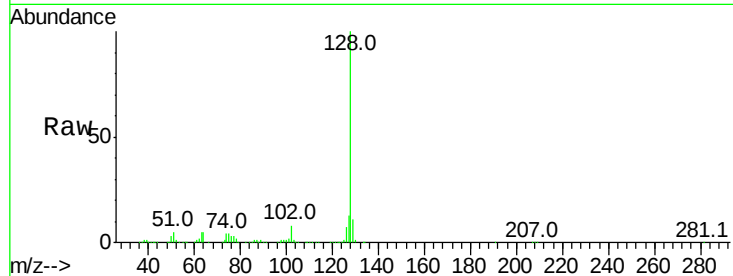




#95
Naphthalene
Concen: 103.916 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 96.372 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006787.D
Acq: 09 Nov 2018 14:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	29.9	14.5	43.6

