

Data File : VW006784.D
Acq On : 09 Nov 2018 13:07
Operator : SY/AP
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Quant Time: Nov 09 14:07:20 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	7.96	168	300890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225641	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46282	17.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.78%	
35) Dibromofluoromethane	7.89	113	47091	18.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.22%	
50) Toluene-d8	10.33	98	199185	20.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.34%	
62) 4-Bromofluorobenzene	12.62	95	71209	20.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	56421	36.172	ug/l	97
3) Chloromethane	2.21	50	65641	34.012	ug/l	97
4) Vinyl Chloride	2.36	62	67995	25.232	ug/l	98
5) Bromomethane	2.78	94	44059	19.482	ug/l	100
6) Chloroethane	2.92	64	43492	23.099	ug/l	95
7) Trichlorofluoromethane	3.26	101	82748	34.773	ug/l	98
8) Diethyl Ether	3.69	74	23884	18.361	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54957	21.627	ug/l	99
10) Methyl Iodide	4.28	142	74523	16.174	ug/l	99
11) Tert butyl alcohol	5.21	59	14067	100.944	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	45721	18.629	ug/l	99
13) Acrolein	3.90	56	15693	89.536	ug/l	98
14) Allyl chloride	4.68	41	60388	18.850	ug/l	100
15) Acrylonitrile	5.38	53	45871	98.348	ug/l	98
16) Acetone	4.15	43	31326	75.018	ug/l	100
17) Carbon Disulfide	4.39	76	147673	21.144	ug/l	99
18) Methyl Acetate	4.68	43	21756	18.119	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	114256	31.275	ug/l	99
20) Methylene Chloride	4.92	84	62729	19.293	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	54222	19.524	ug/l	99
22) Diisopropyl ether	6.32	45	133492	19.987	ug/l	98
23) Vinyl Acetate	6.26	43	380012	102.603	ug/l	99
24) 1,1-Dichloroethane	6.22	63	84180	18.597	ug/l	100
25) 2-Butanone	7.18	43	55149	92.552	ug/l	99
26) 2,2-Dichloropropane	7.18	77	80980	29.699	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	58579	18.854	ug/l	99
28) Bromochloromethane	7.52	49	30400	16.914	ug/l	98
29) Tetrahydrofuran	7.54	42	34700	92.586	ug/l	99
30) Chloroform	7.68	83	92770	18.693	ug/l	100
31) Cyclohexane	7.96	56	89098	21.627	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	90769	21.615	ug/l	100
36) 1,1-Dichloropropene	8.09	75	81125	22.875	ug/l	100
37) Ethyl Acetate	7.26	43	26857	21.853	ug/l	100
38) Carbon Tetrachloride	8.07	117	84692	22.854	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95707	21.266	ug/l	96
40) Benzene	8.33	78	221294	21.969	ug/l	98
41) Methacrylonitrile	7.49	41	15562	20.650	ug/l	92
42) 1,2-Dichloroethane	8.41	62	59845	20.716	ug/l	100
43) Isopropyl Acetate	8.43	43	49598	20.224	ug/l	99
44) Trichloroethene	9.10	130	70102	22.552	ug/l	99
45) 1,2-Dichloropropane	9.37	63	52707	22.484	ug/l	98
46) Dibromomethane	9.46	93	28546	20.715	ug/l	99
47) Bromodichloromethane	9.65	83	71242	22.266	ug/l	99
48) Methyl methacrylate	9.44	41	23159	19.600	ug/l	99
49) 1,4-Dioxane	9.48	88	7933	393.364	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	124675	98.986	ug/l	100
52) Toluene	10.39	92	150642	22.297	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	67587	21.948	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	81929	22.515	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41533	21.242	ug/l	97
56) Ethyl methacrylate	10.65	69	43294	19.482	ug/l	97
57) 1,3-Dichloropropane	10.93	76	68436	21.555	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	111319	103.047	ug/l	99
59) 2-Hexanone	10.98	43	83806	97.966	ug/l	98
60) Dibromochloromethane	11.13	129	50275	21.703	ug/l	99
61) 1,2-Dibromoethane	11.24	107	40320	20.766	ug/l	99
64) Tetrachloroethene	10.87	164	62702	19.900	ug/l	99
65) Chlorobenzene	11.66	112	176306	21.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57105	19.533	ug/l	99
67) Ethyl Benzene	11.74	91	294162	21.159	ug/l	100
68) m/p-Xylenes	11.85	106	243116	43.771	ug/l	100
69) o-Xylene	12.17	106	110354	20.869	ug/l	100
70) Styrene	12.19	104	180227	20.906	ug/l	100
71) Bromoform	12.35	173	30388	19.609	ug/l #	100
73) Isopropylbenzene	12.47	105	299100	20.122	ug/l	100
74) N-amyl acetate	12.27	43	47556	18.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	44718	19.048	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	57103	32.435	ug/l #	100
77) Bromobenzene	12.75	156	78427	20.379	ug/l	100
78) n-propylbenzene	12.81	91	361222	21.128	ug/l	100
79) 2-Chlorotoluene	12.90	91	203445	20.734	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	264780	21.203	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12230	20.173	ug/l	97
82) 4-Chlorotoluene	12.99	91	218318	21.031	ug/l	100
83) tert-Butylbenzene	13.21	119	223868	20.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	274371	21.421	ug/l	99
85) sec-Butylbenzene	13.39	105	323794	20.760	ug/l	99
86) p-Isopropyltoluene	13.51	119	299060	21.073	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	158414	20.901	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	159482	21.228	ug/l	99
89) n-Butylbenzene	13.83	91	275259	21.849	ug/l	99
90) Hexachloroethane	14.10	117	45627	19.561	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	141157	20.705	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6970	18.297	ug/l	95

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

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ClientSampleId :
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	103820	20.480	ug/l	100
94) Hexachlorobutadiene	15.24	225	64595	20.445	ug/l	97
95) Naphthalene	15.38	128	150872	18.518	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	88622	19.891	ug/l	99

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

Data File : VW006784.D

Acq On : 09 Nov 2018 13:07

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Misc : 5.00G/5ML/MSVOA W/SOIL

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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

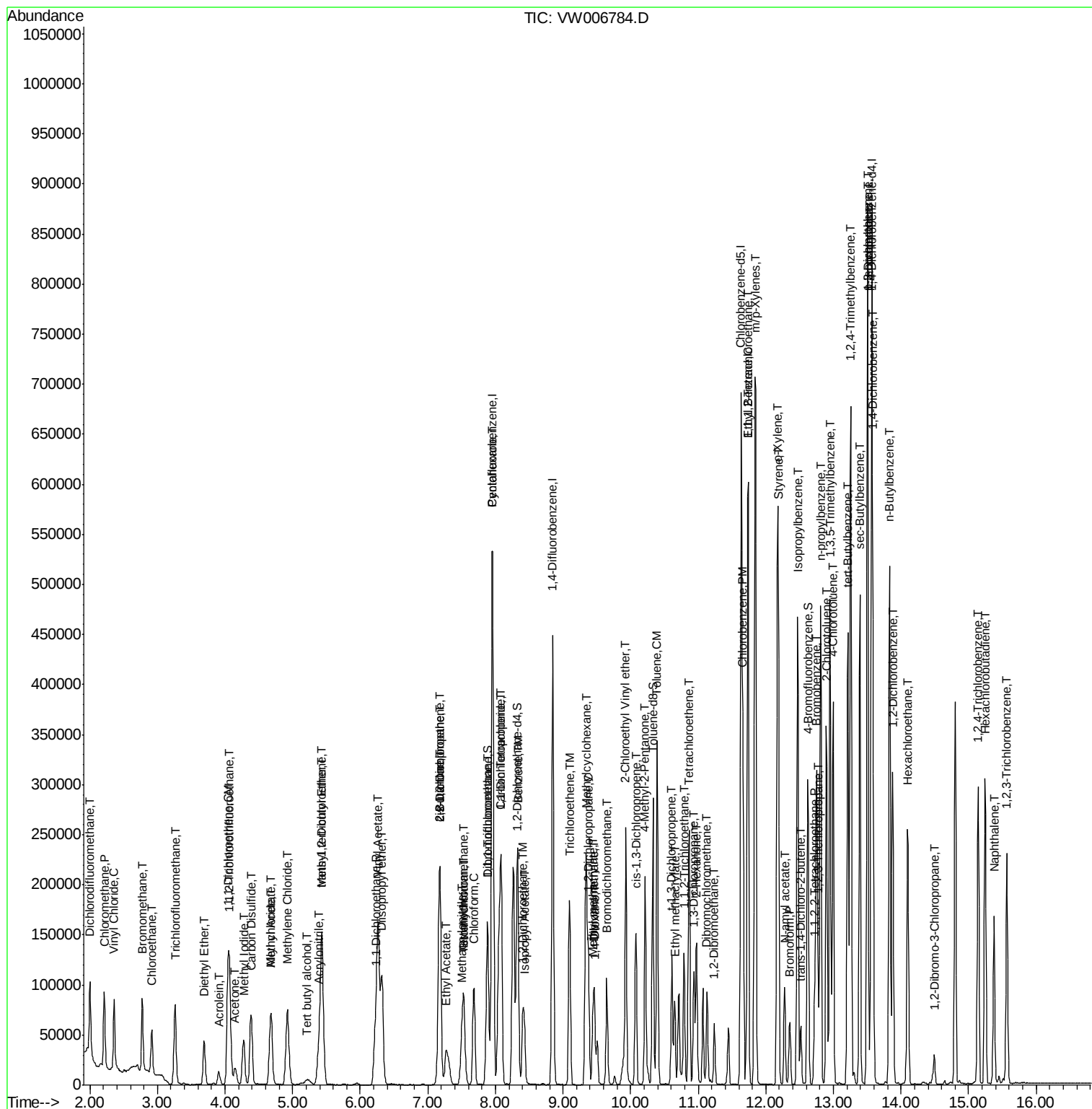
Quant Time: Nov 09 14:07:20 2018

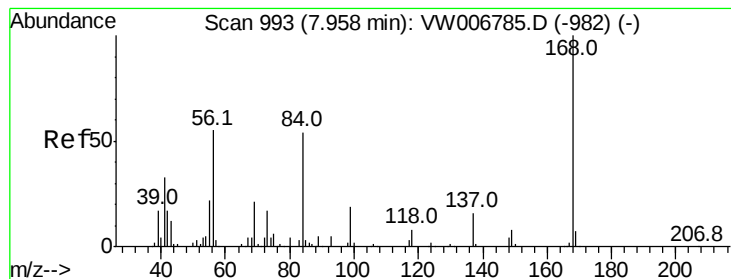
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W110918S.M

Quant Title : SW846 8260

QLast Update : Fri Nov 09 13:58:37 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

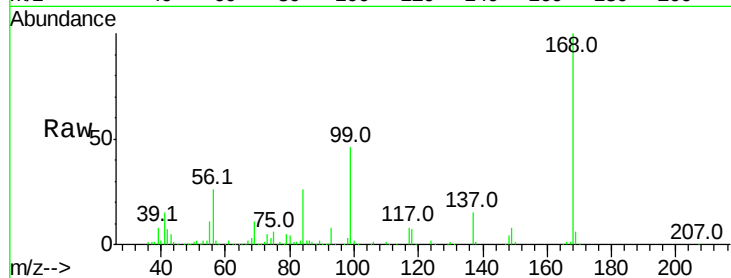
VSTDIC020

Tgt Ion:168 Resp: 300890

Ion Ratio Lower Upper

168 100

99 45.8 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

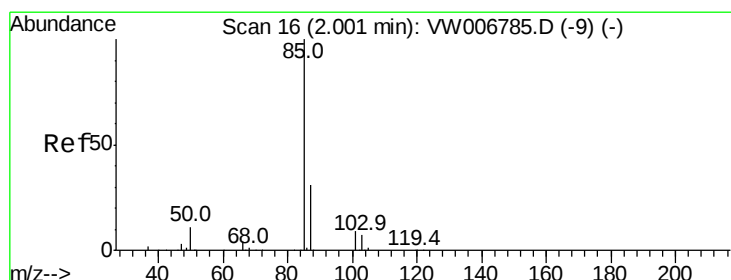
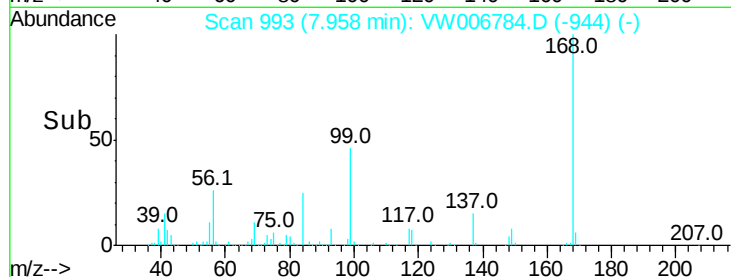
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 36.172 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006784.D

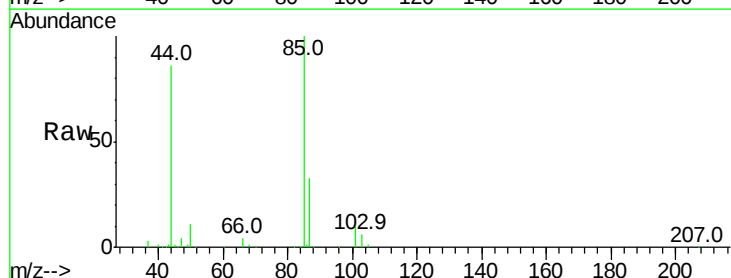
Acq: 09 Nov 2018 13:07

Tgt Ion: 85 Resp: 56421

Ion Ratio Lower Upper

85 100

87 33.0 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

40000

30000

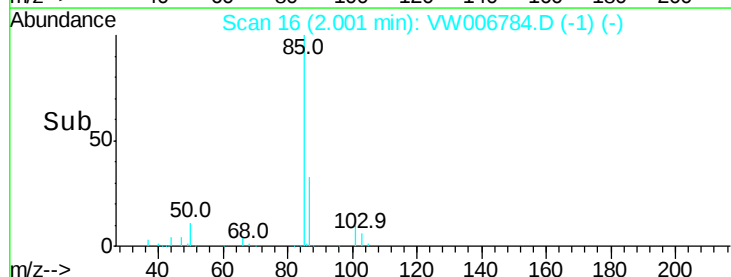
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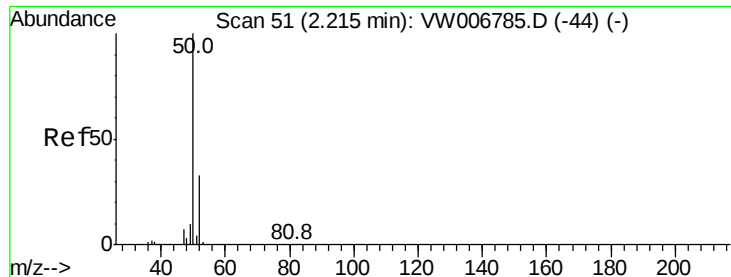
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 34.012 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

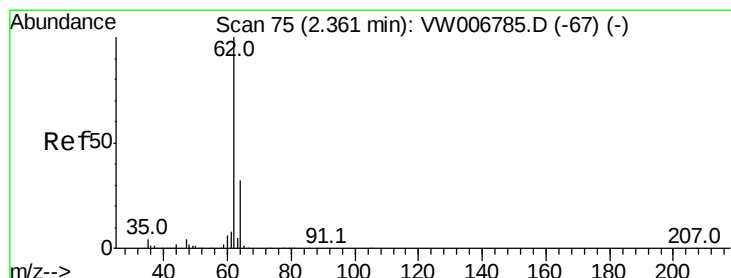
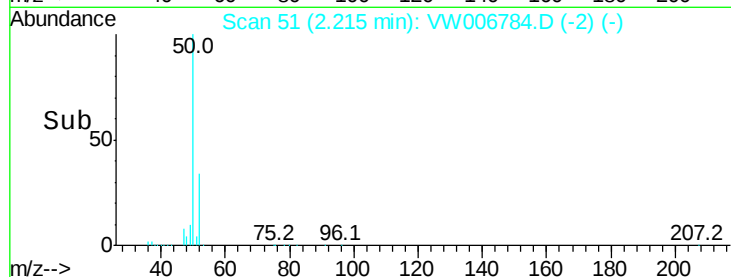
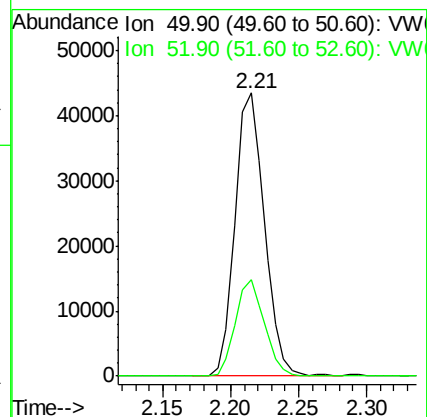
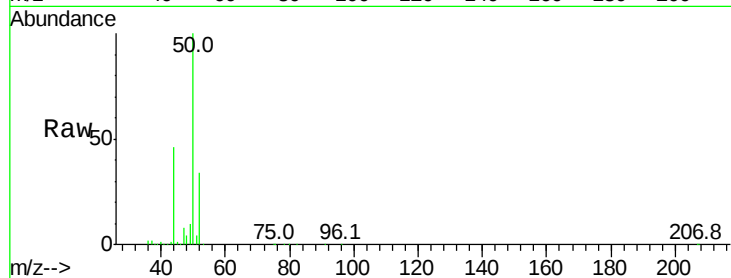
VSTDIC020

Tgt Ion: 50 Resp: 65641

Ion Ratio Lower Upper

50 100

52 34.2 26.2 39.4



#4

Vinyl Chloride

Concen: 25.232 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006784.D

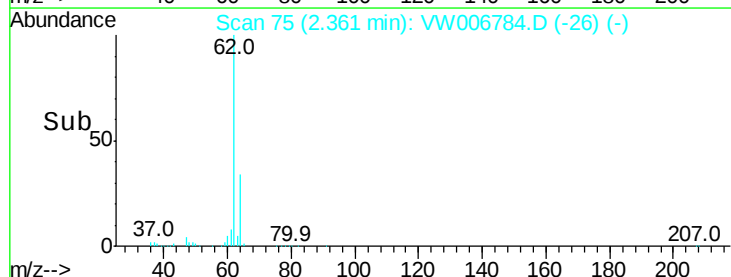
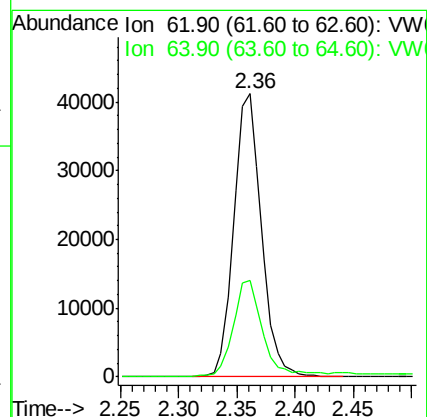
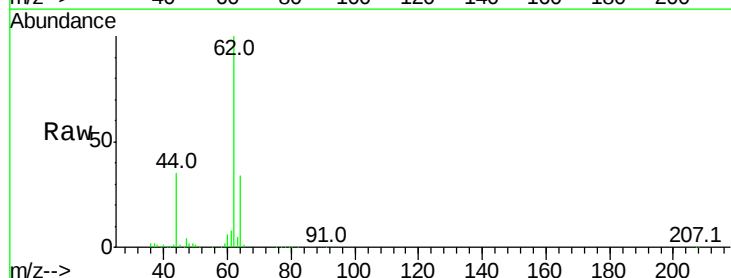
Acq: 09 Nov 2018 13:07

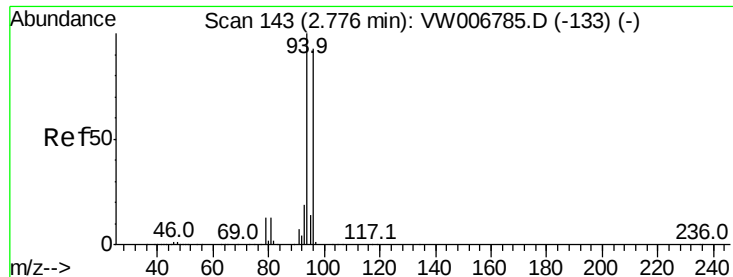
Tgt Ion: 62 Resp: 67995

Ion Ratio Lower Upper

62 100

64 33.5 25.8 38.6





#5

Bromomethane

Concen: 19.482 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

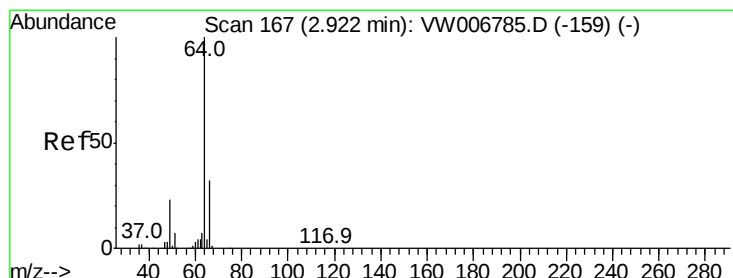
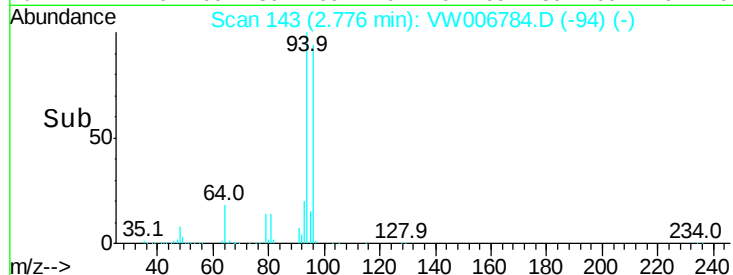
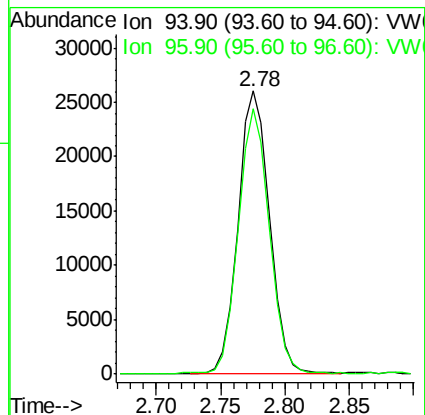
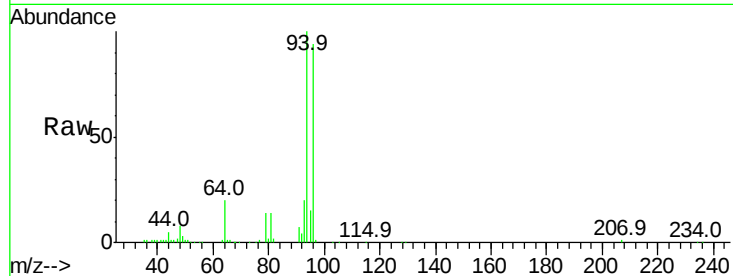
VSTDIC020

Tgt Ion: 94 Resp: 44059

Ion Ratio Lower Upper

94 100

96 93.5 74.5 111.7



#6

Chloroethane

Concen: 23.099 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006784.D

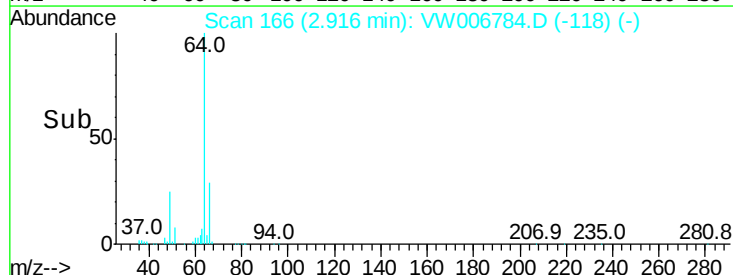
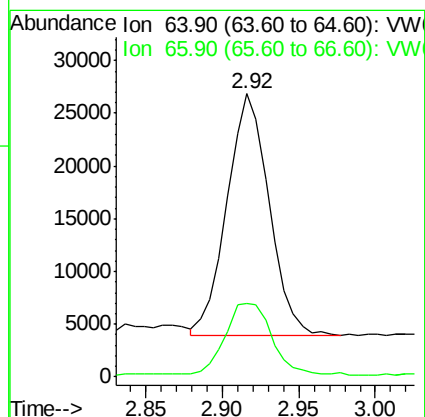
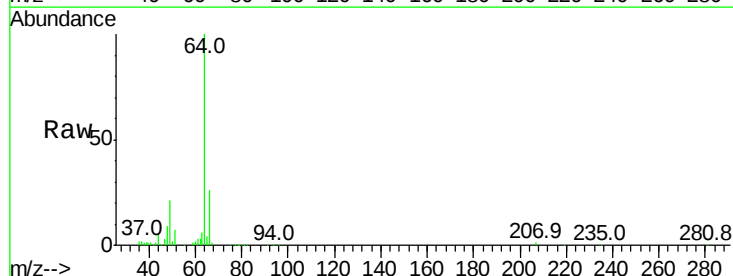
Acq: 09 Nov 2018 13:07

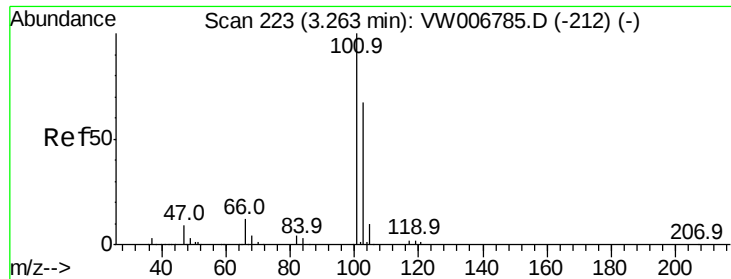
Tgt Ion: 64 Resp: 43492

Ion Ratio Lower Upper

64 100

66 28.8 25.4 38.2



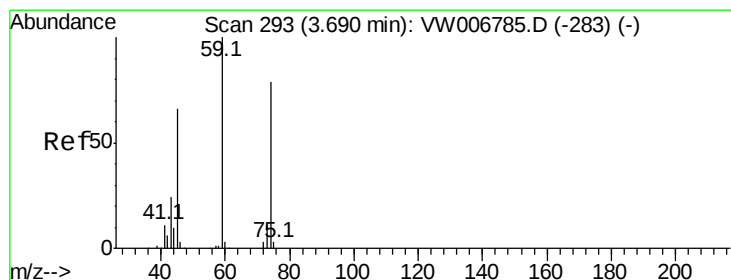
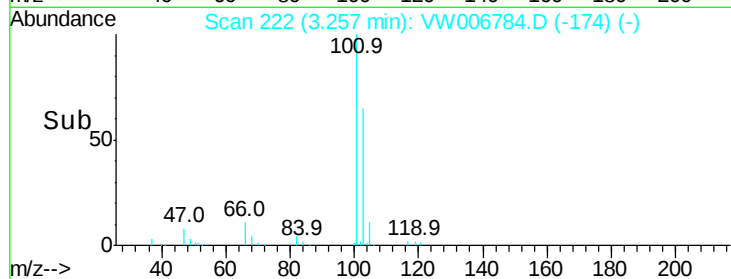
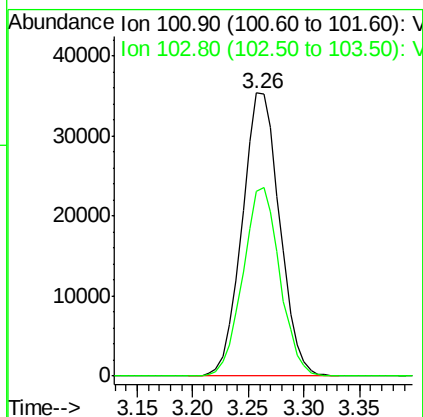
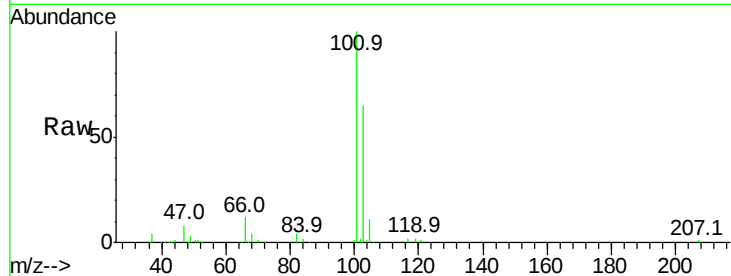


#7

Trichlorofluoromethane
Concen: 34.773 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

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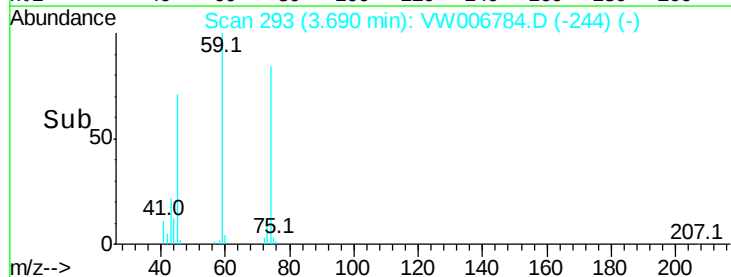
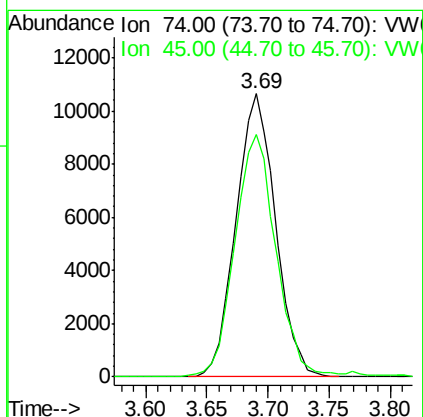
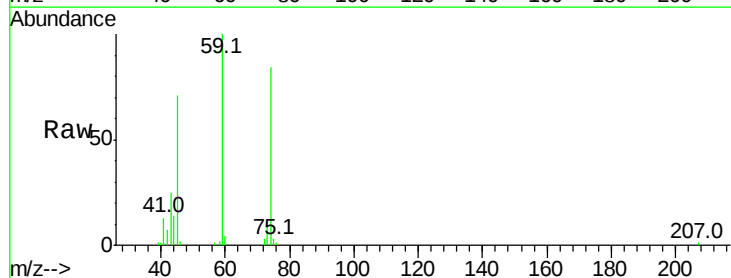
Tgt Ion:101 Resp: 82748
Ion Ratio Lower Upper
101 100
103 65.5 53.4 80.0

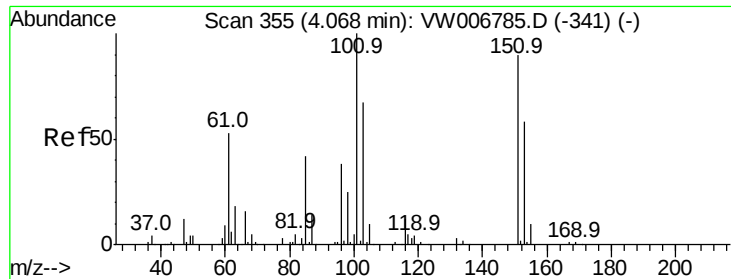


#8

Diethyl Ether
Concen: 18.361 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 74 Resp: 23884
Ion Ratio Lower Upper
74 100
45 88.9 44.0 132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.627 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

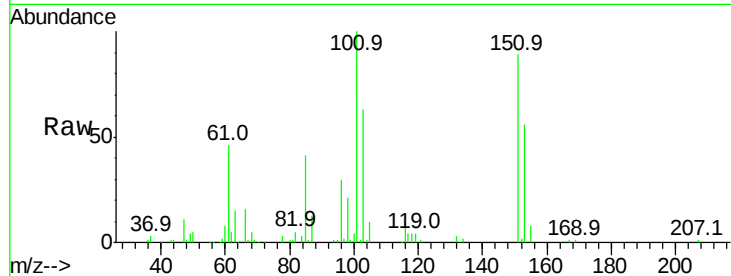
Tgt Ion:101 Resp: 54957

Ion Ratio Lower Upper

101 100

85 43.5 34.0 51.0

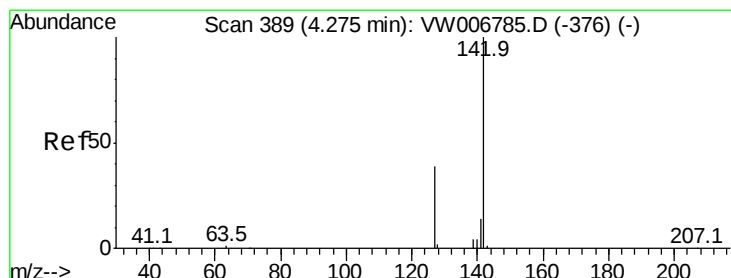
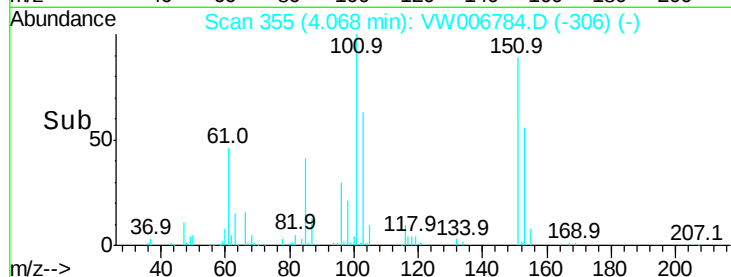
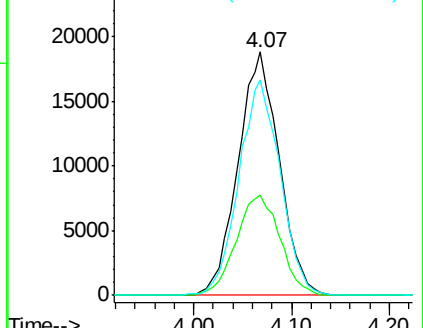
151 89.1 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.174 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

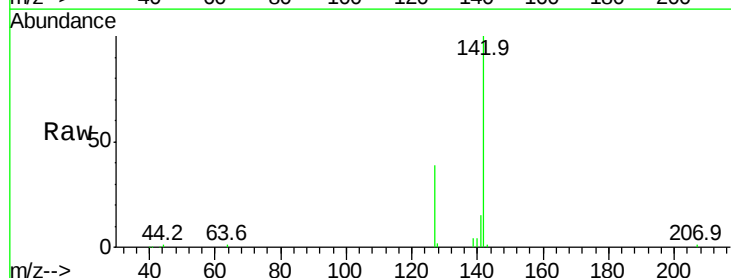
Tgt Ion:142 Resp: 74523

Ion Ratio Lower Upper

142 100

127 40.7 32.3 48.5

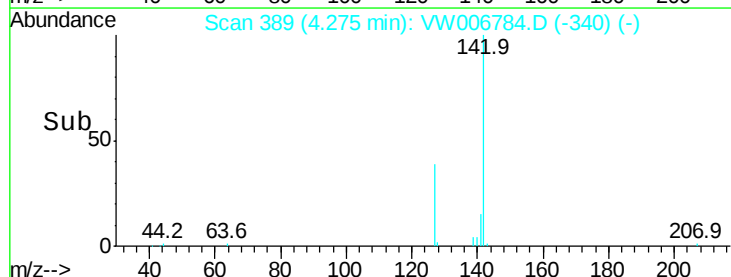
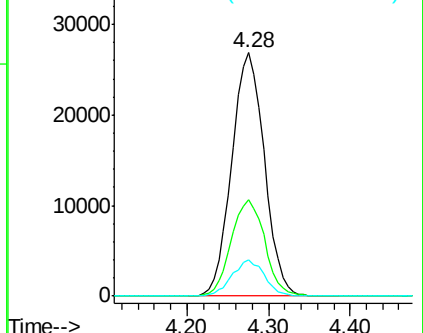
141 14.6 11.4 17.0

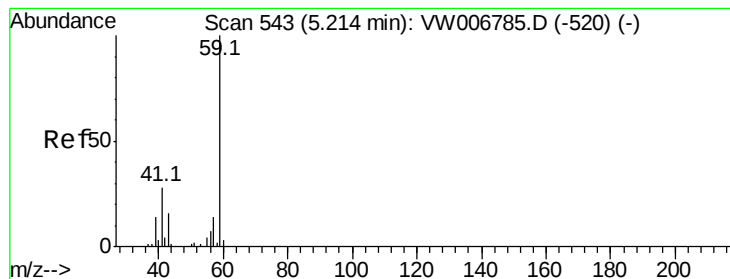


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



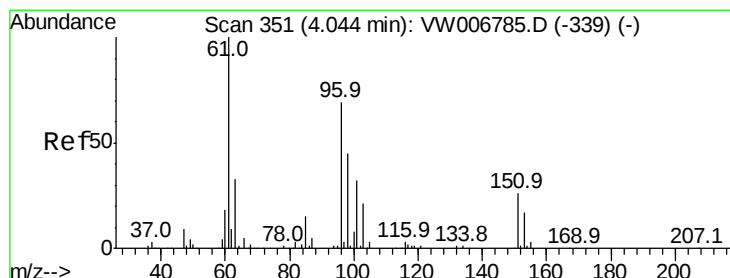
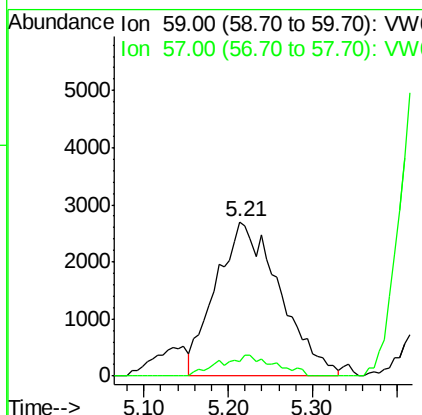
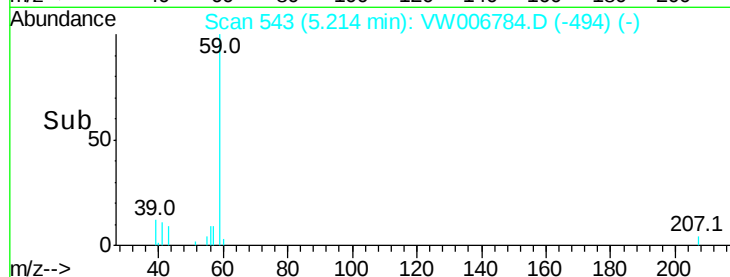
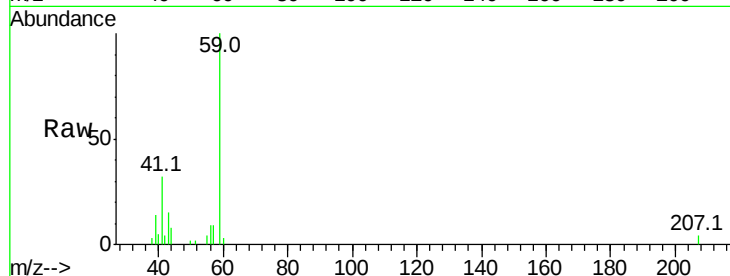


#11

Tert butyl alcohol
Concen: 100.944 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

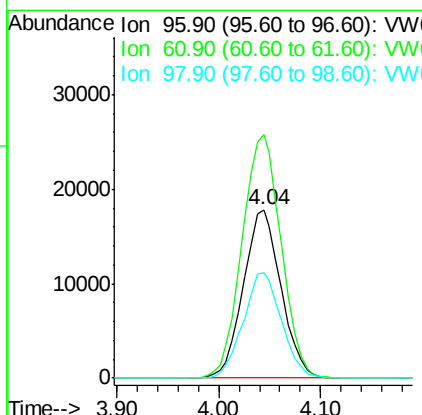
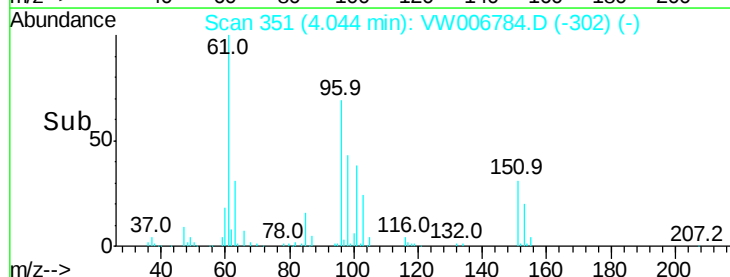
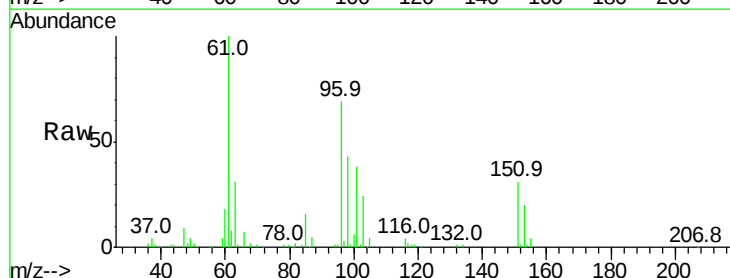
Tgt Ion: 59 Resp: 14067
Ion Ratio Lower Upper
59 100
57 8.2 8.7 13.1#

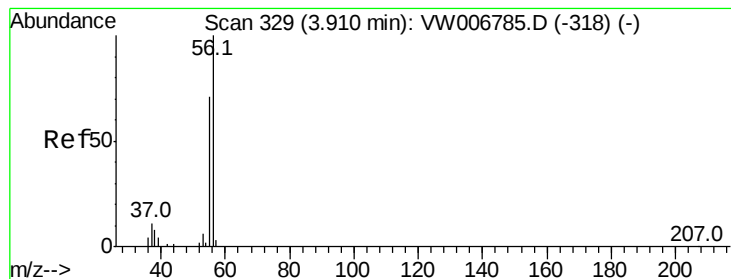


#12

1,1-Dichloroethene
Concen: 18.629 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 96 Resp: 45721
Ion Ratio Lower Upper
96 100
61 144.4 116.0 174.0
98 62.6 52.0 78.0





#13

Acrolein

Concen: 89.536 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

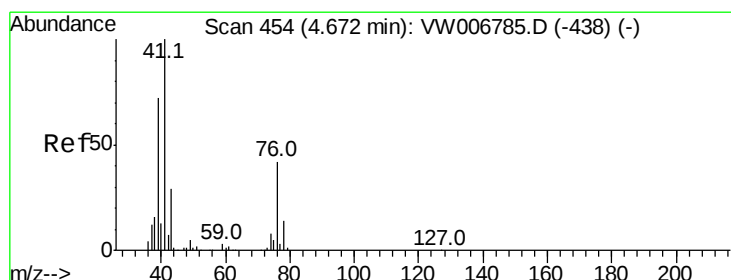
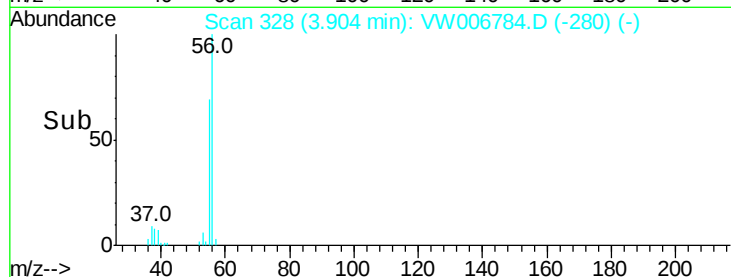
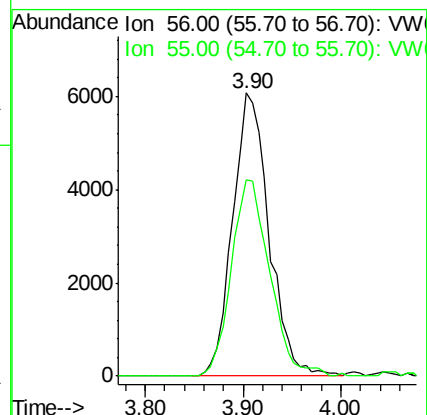
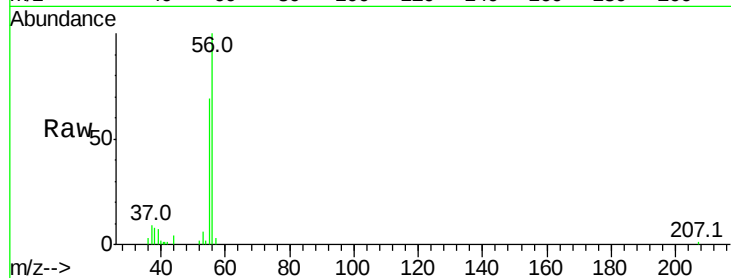
VSTDIC020

Tgt Ion: 56 Resp: 15693

Ion Ratio Lower Upper

56 100

55 73.0 56.9 85.3



#14

Allyl chloride

Concen: 18.850 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

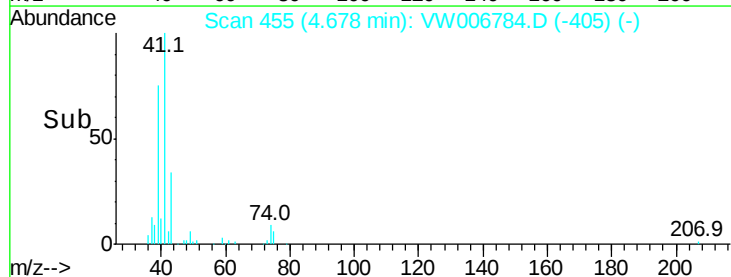
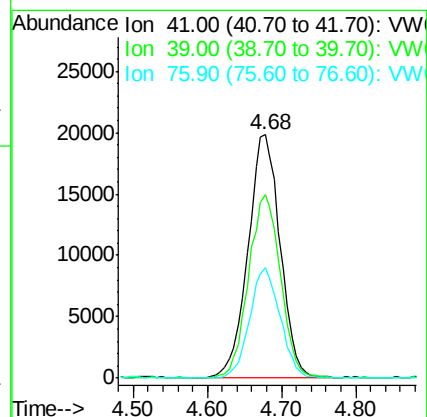
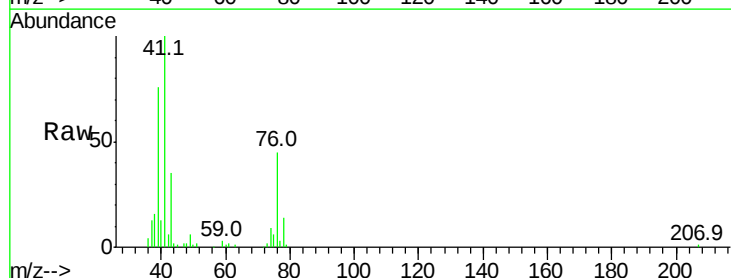
Tgt Ion: 41 Resp: 60388

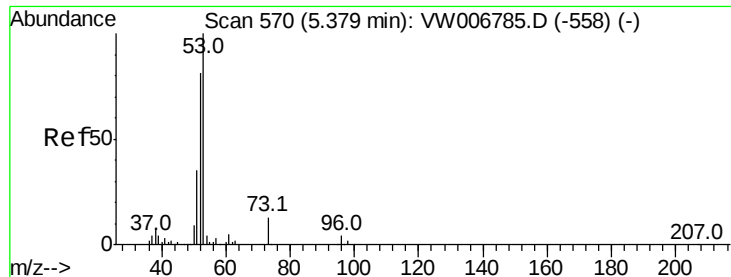
Ion Ratio Lower Upper

41 100

39 75.0 60.0 90.0

76 42.8 34.2 51.4





#15

Acrylonitrile

Concen: 98.348 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

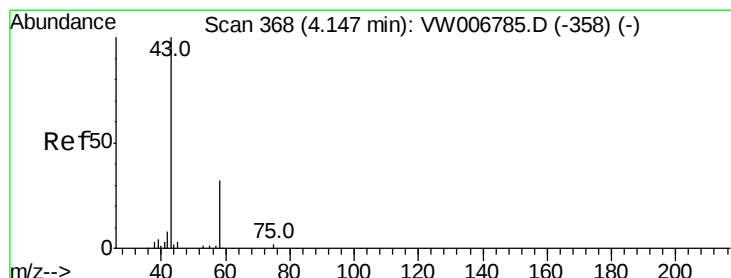
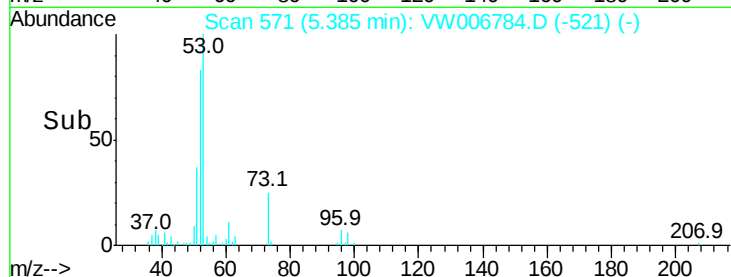
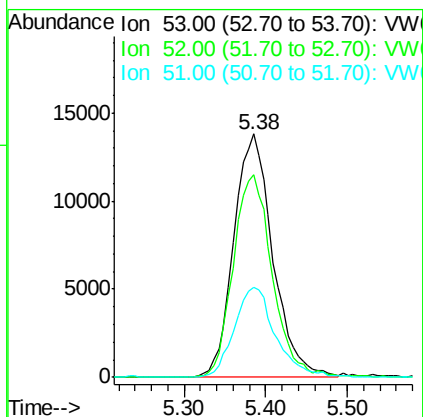
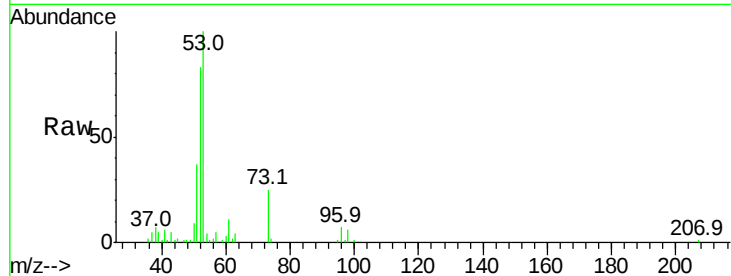
Tgt Ion: 53 Resp: 45871

Ion Ratio Lower Upper

53 100

52 83.3 65.2 97.8

51 39.0 30.2 45.4



#16

Acetone

Concen: 75.018 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006784.D

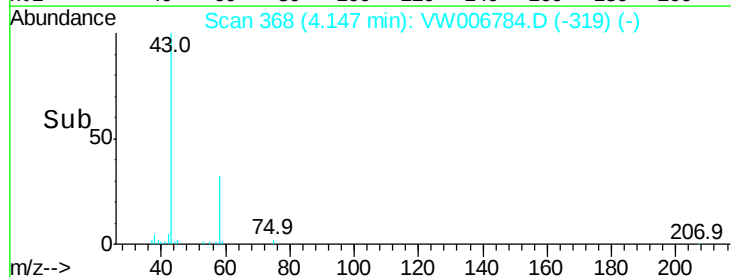
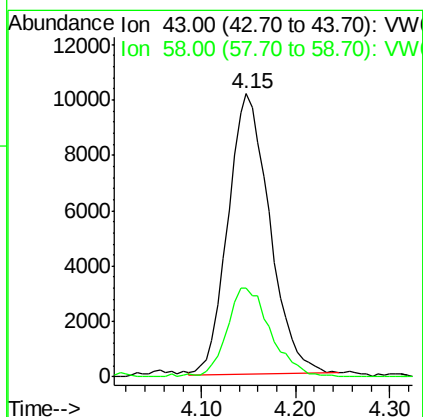
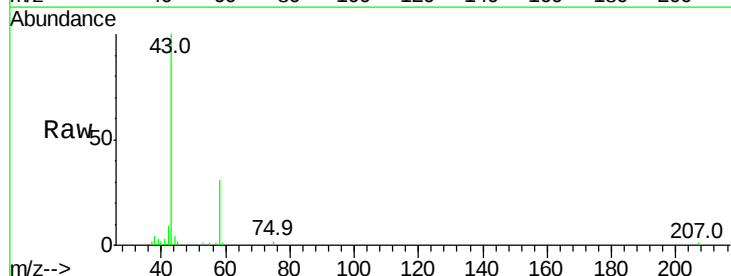
Acq: 09 Nov 2018 13:07

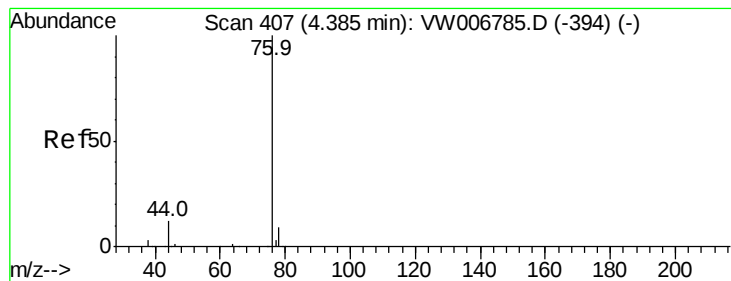
Tgt Ion: 43 Resp: 31326

Ion Ratio Lower Upper

43 100

58 31.6 25.4 38.0





#17

Carbon Disulfide

Concen: 21.144 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

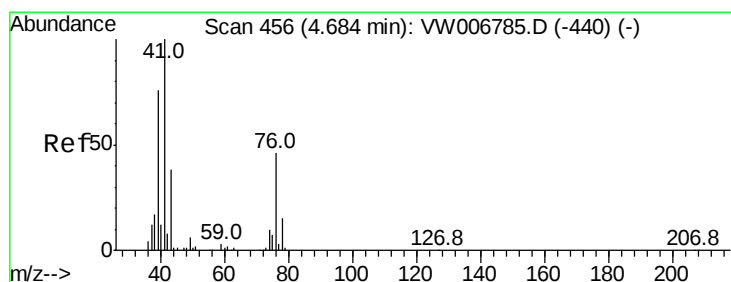
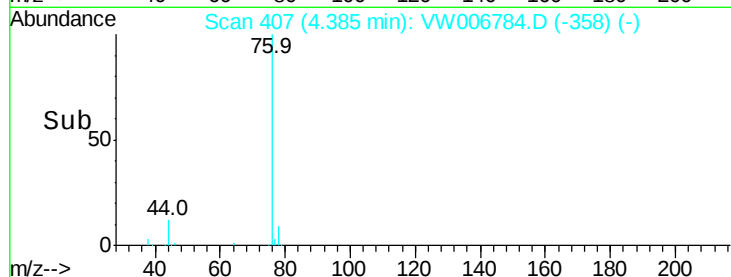
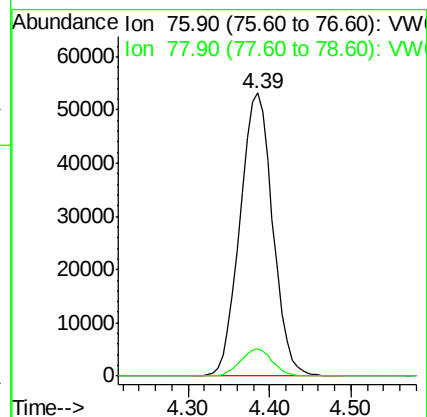
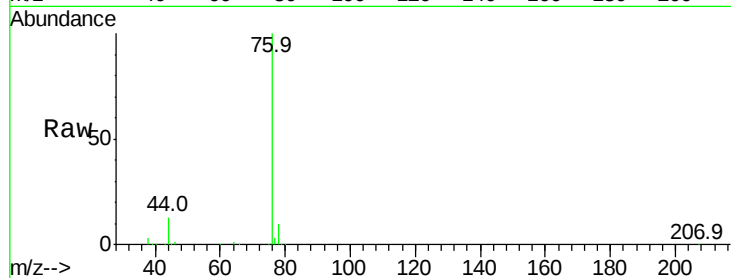
VSTDIC020

Tgt Ion: 76 Resp: 147673

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



#18

Methyl Acetate

Concen: 18.119 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006784.D

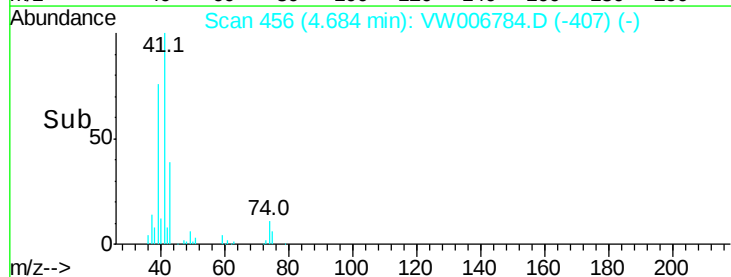
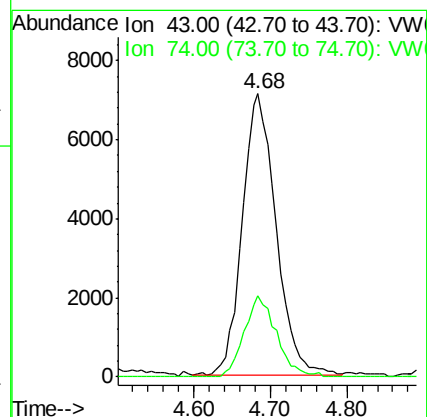
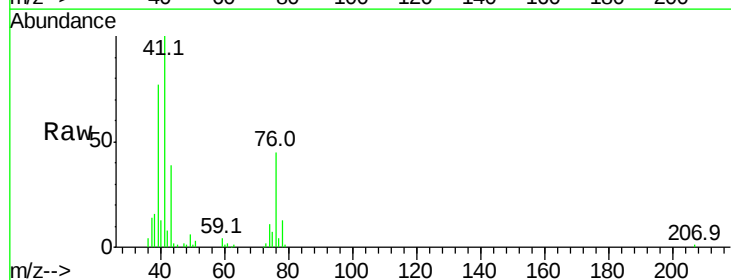
Acq: 09 Nov 2018 13:07

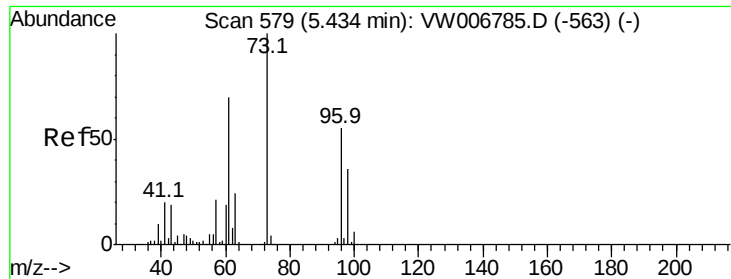
Tgt Ion: 43 Resp: 21756

Ion Ratio Lower Upper

43 100

74 27.5 21.8 32.8

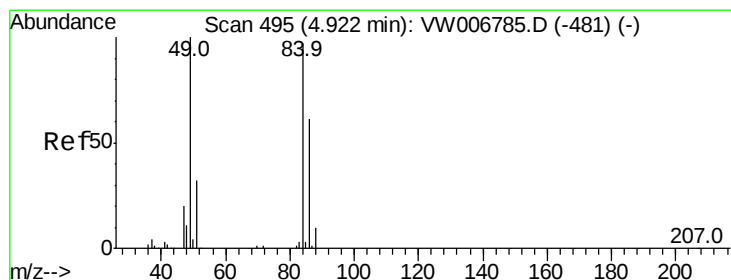
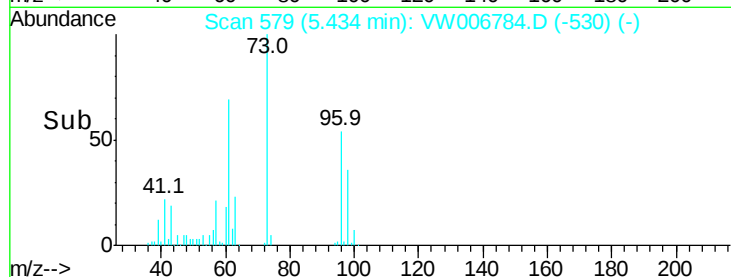
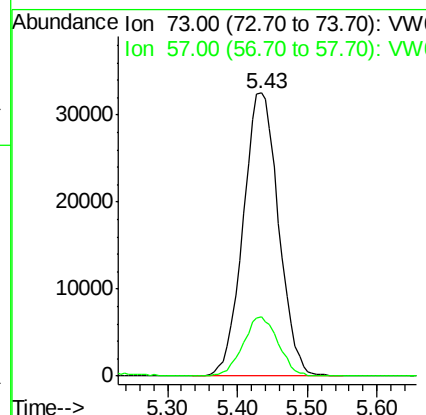
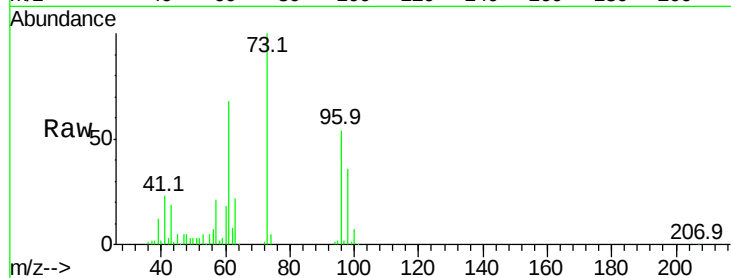




#19
Methyl tert-butyl Ether
Concen: 31.275 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

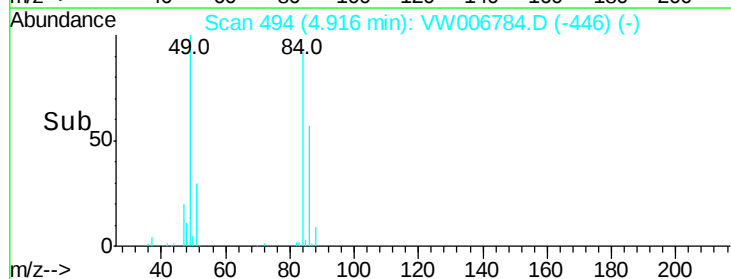
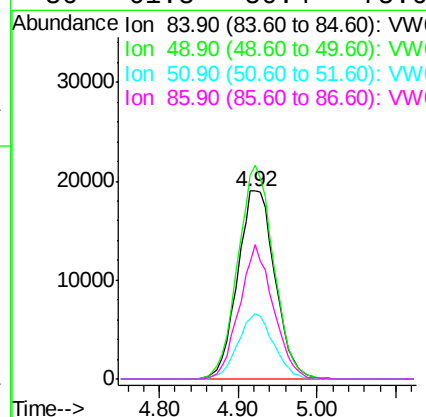
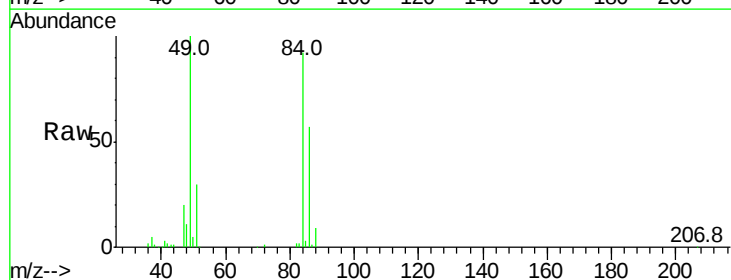
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

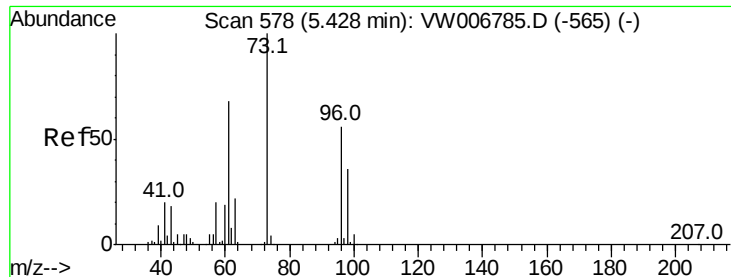
Tgt Ion: 73 Resp: 114256
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.6



#20
Methylene Chloride
Concen: 19.293 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 84 Resp: 62729
Ion Ratio Lower Upper
84 100
49 108.1 82.4 123.6
51 32.0 26.7 40.1
86 61.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.524 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

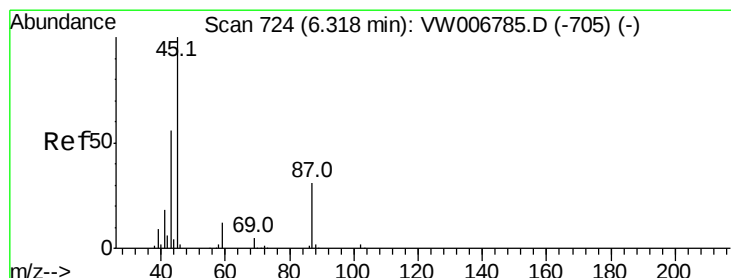
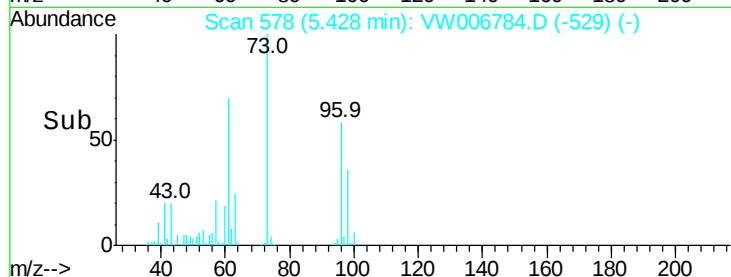
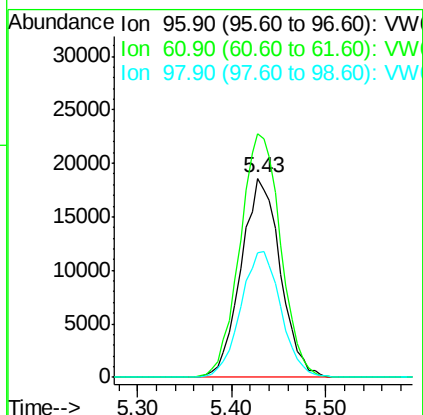
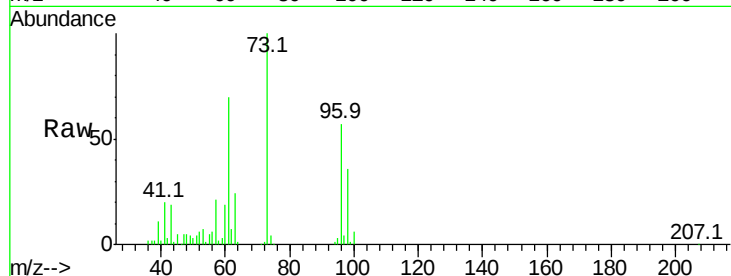
Tgt Ion: 96 Resp: 54222

Ion Ratio Lower Upper

96 100

61 122.2 97.6 146.4

98 62.3 51.6 77.4



#22

Diisopropyl ether

Concen: 19.987 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion: 45 Resp: 133492

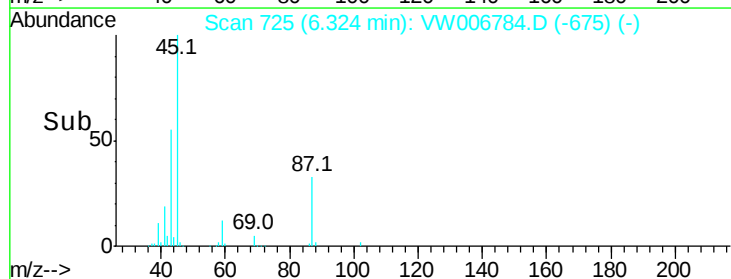
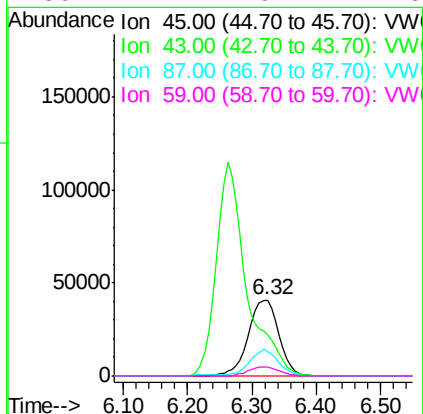
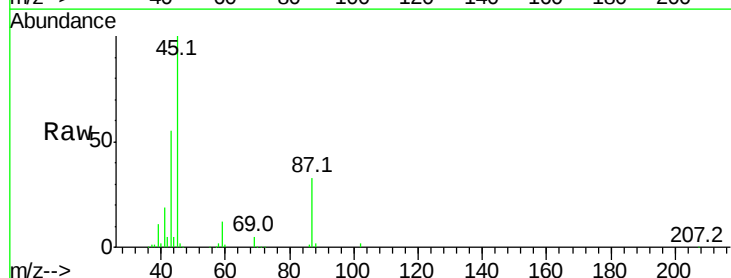
Ion Ratio Lower Upper

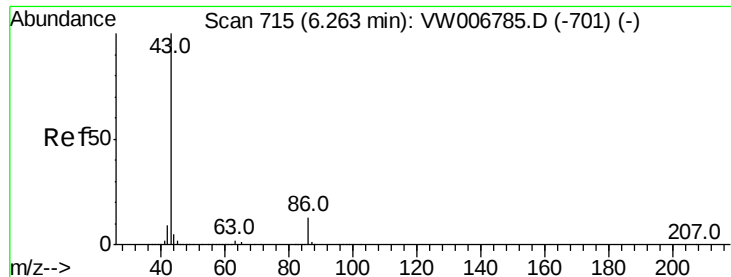
45 100

43 54.1 44.6 66.8

87 32.6 25.5 38.3

59 12.4 9.7 14.5





#23

Vinyl Acetate

Concen: 102.603 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

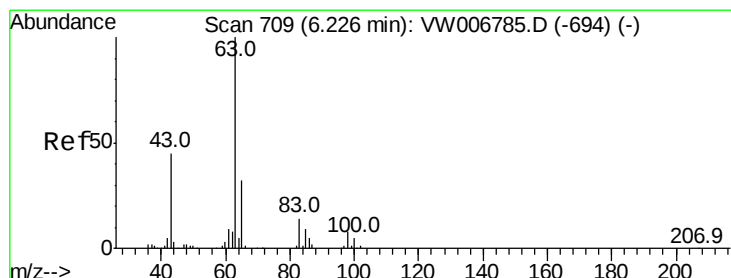
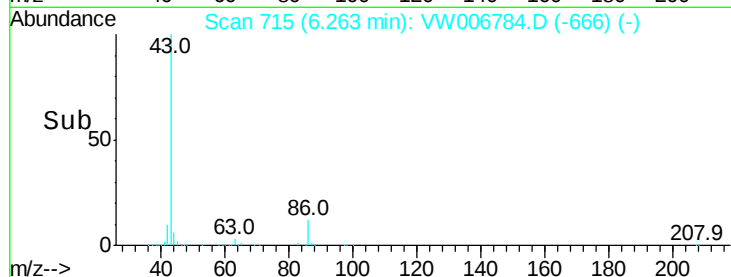
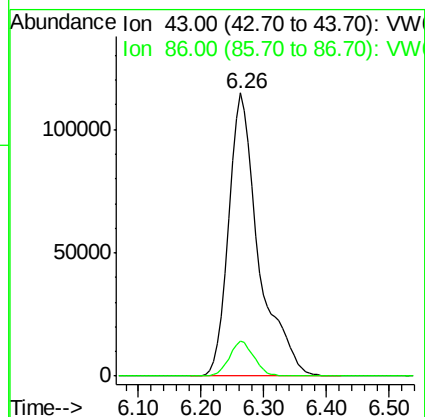
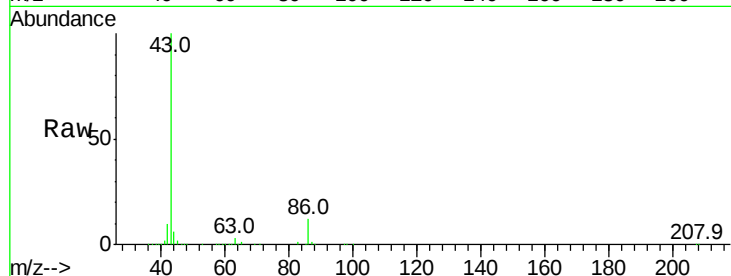
VSTDIC020

Tgt Ion: 43 Resp: 380012

Ion Ratio Lower Upper

43 100

86 12.3 10.0 15.0



#24

1,1-Dichloroethane

Concen: 18.597 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

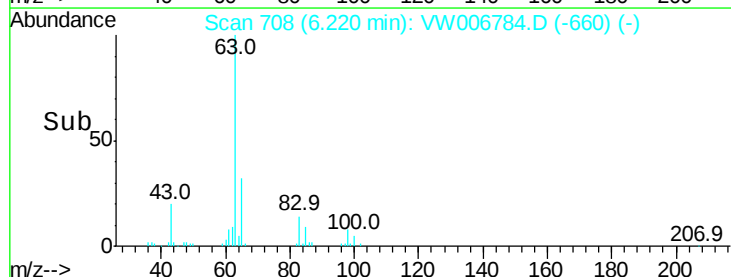
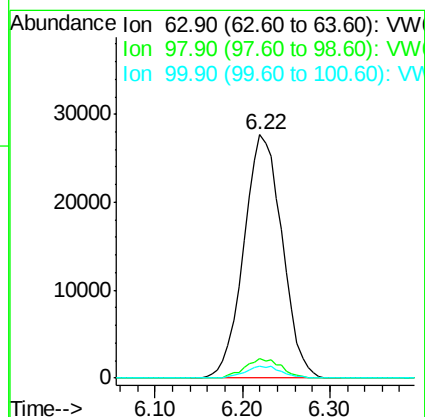
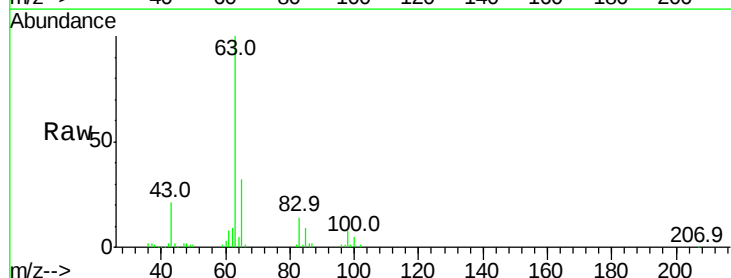
Tgt Ion: 63 Resp: 84180

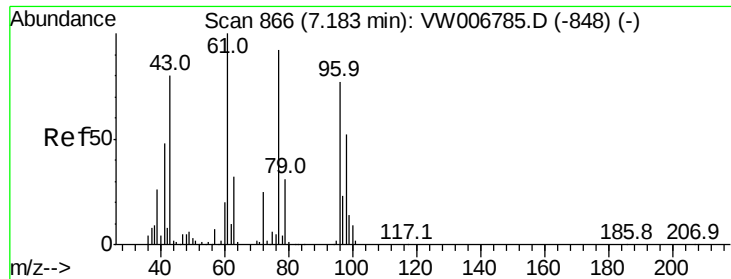
Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 92.552 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

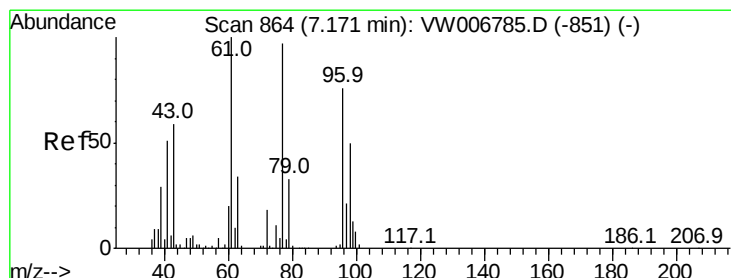
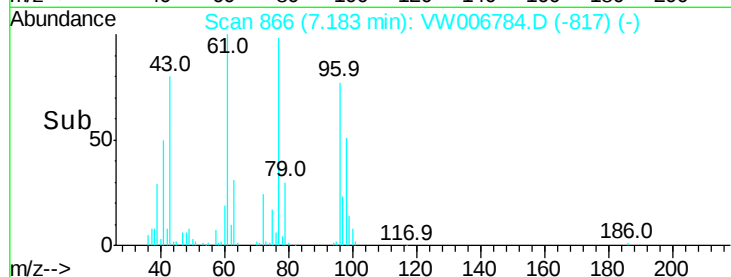
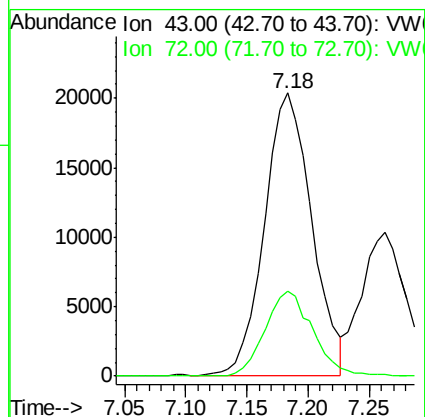
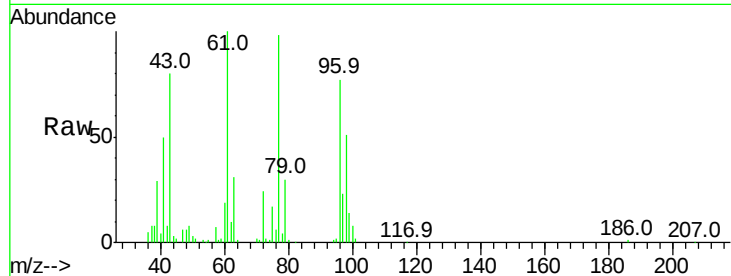
VSTDIC020

Tgt Ion: 43 Resp: 55149

Ion Ratio Lower Upper

43 100

72 29.8 24.5 36.7



#26

2,2-Dichloropropane

Concen: 29.699 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006784.D

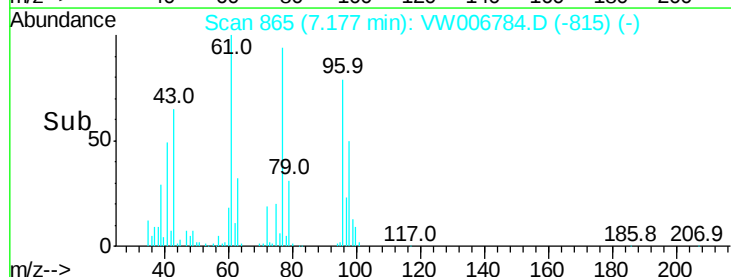
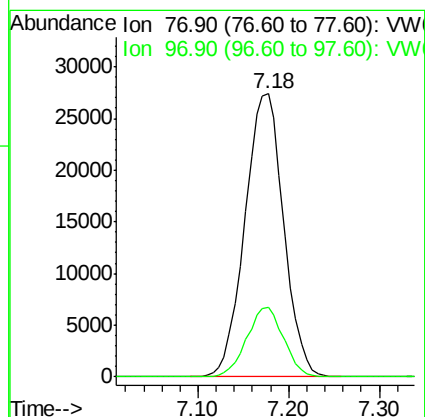
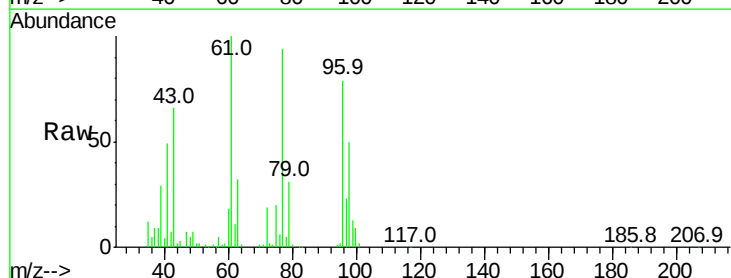
Acq: 09 Nov 2018 13:07

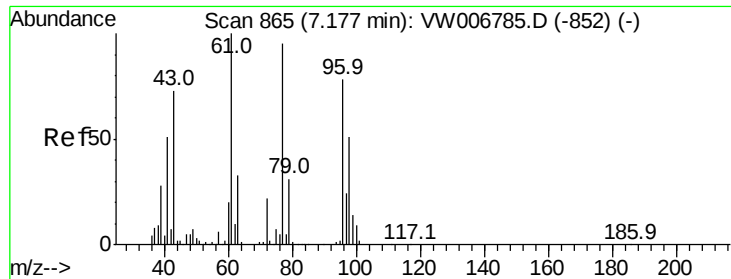
Tgt Ion: 77 Resp: 80980

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5



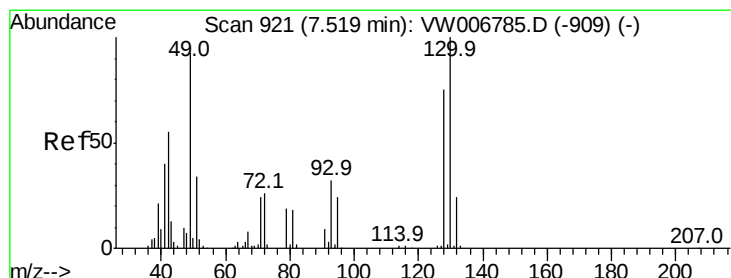
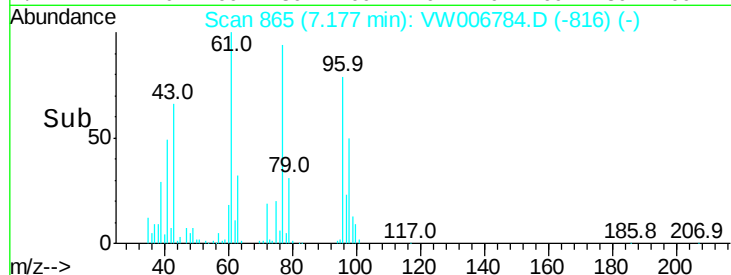
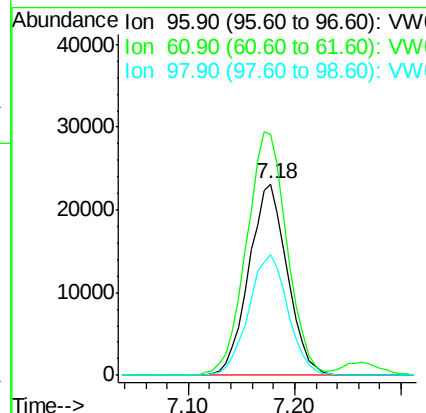
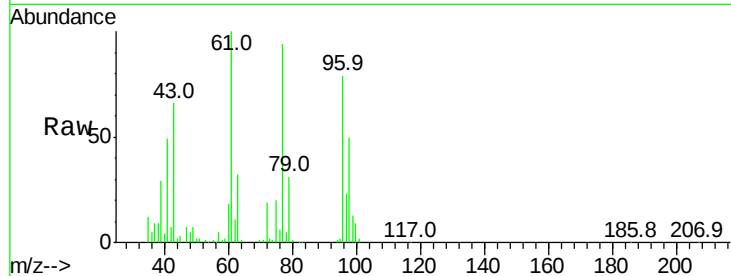


#27

cis-1,2-Dichloroethene
 Concen: 18.854 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

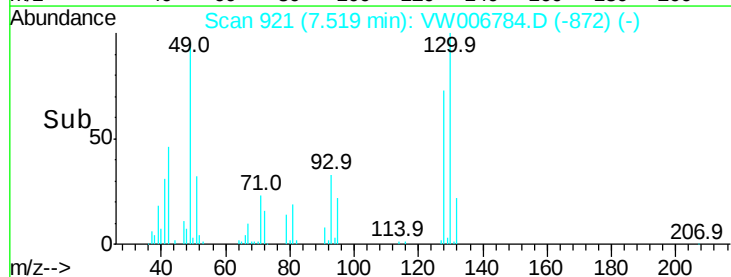
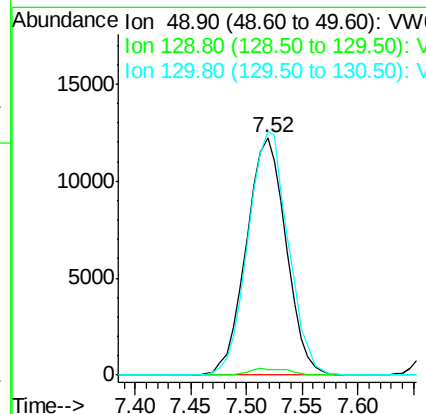
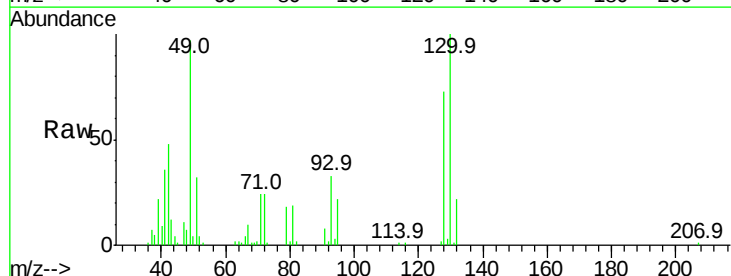
Tgt Ion: 96 Resp: 58579
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 264.4
 98 64.4 0.0 130.0

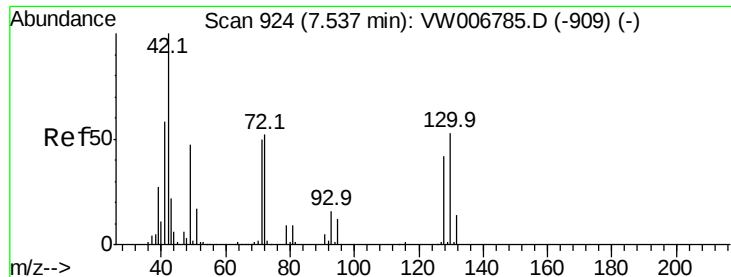


#28

Bromochloromethane
 Concen: 16.914 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion: 49 Resp: 30400
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 103.7 81.5 122.3

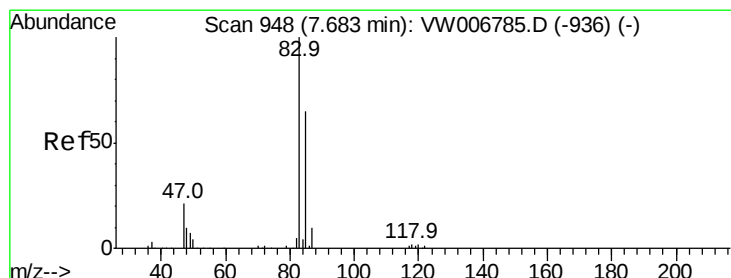
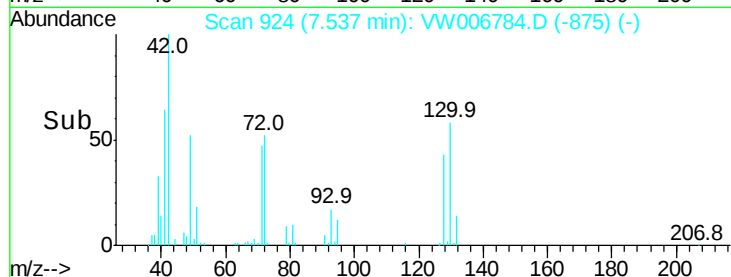
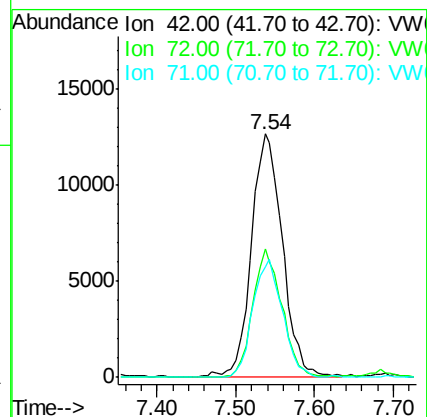
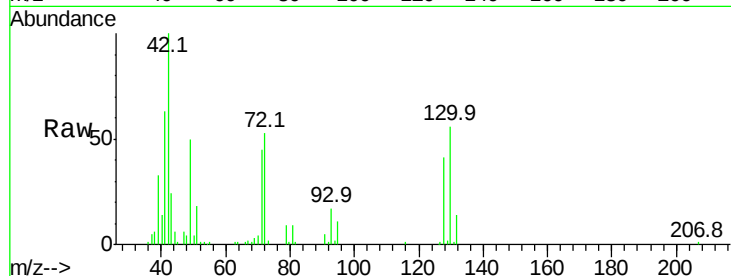




#29
Tetrahydrofuran
Concen: 92.586 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

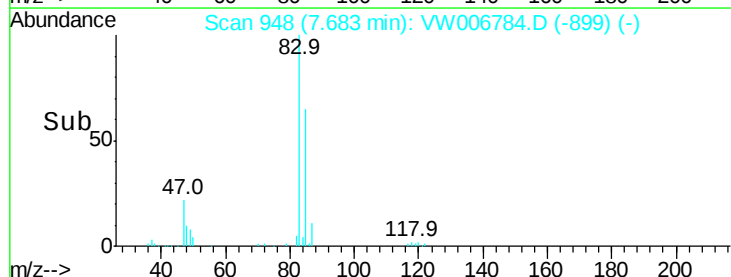
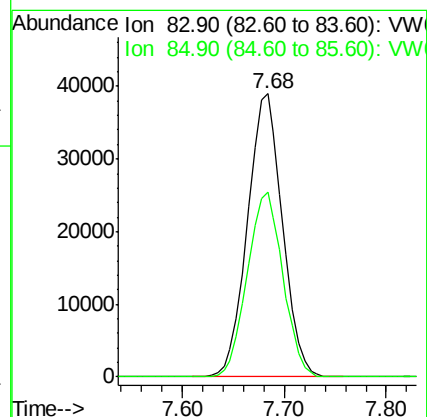
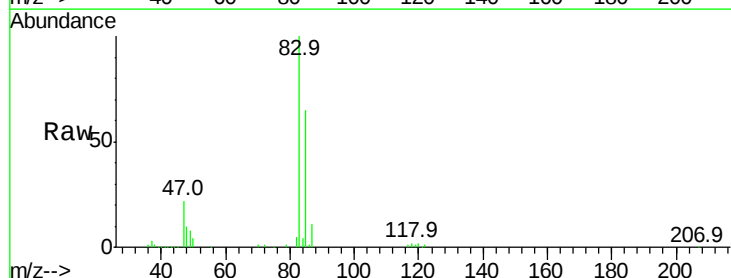
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

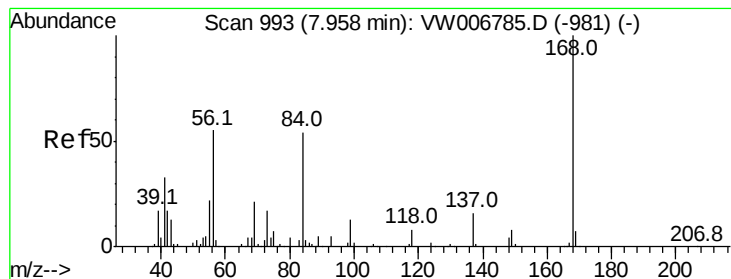
Tgt Ion: 42 Resp: 34700
Ion Ratio Lower Upper
42 100
72 49.4 39.8 59.8
71 46.3 37.8 56.6



#30
Chloroform
Concen: 18.693 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 83 Resp: 92770
Ion Ratio Lower Upper
83 100
85 65.3 52.1 78.1





#31

Cyclohexane

Concen: 21.627 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

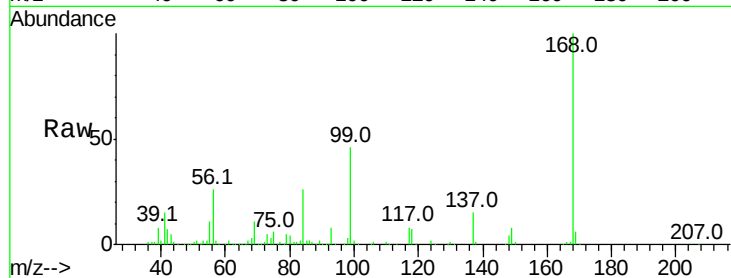
Tgt Ion: 56 Resp: 89098

Ion Ratio Lower Upper

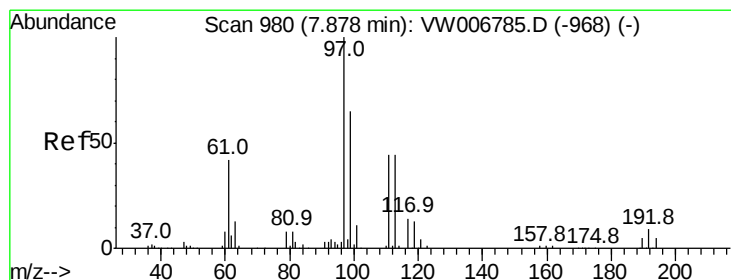
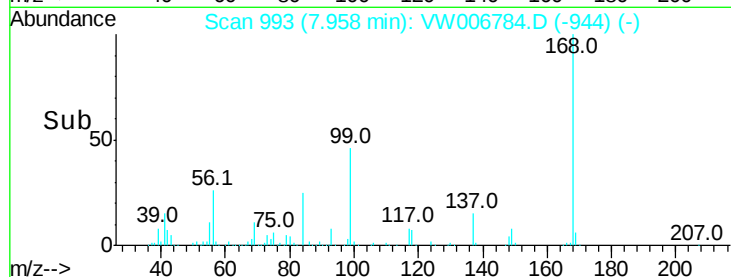
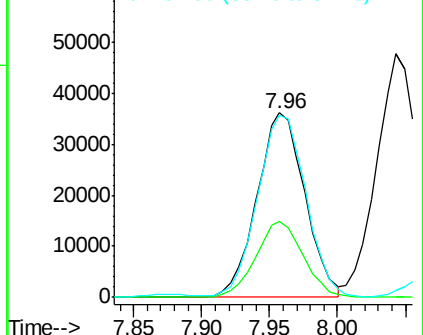
56 100

69 41.5 30.3 45.5

84 97.7 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: 21.615 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

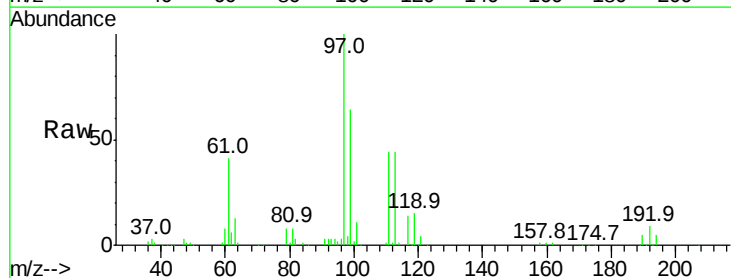
Tgt Ion: 97 Resp: 90769

Ion Ratio Lower Upper

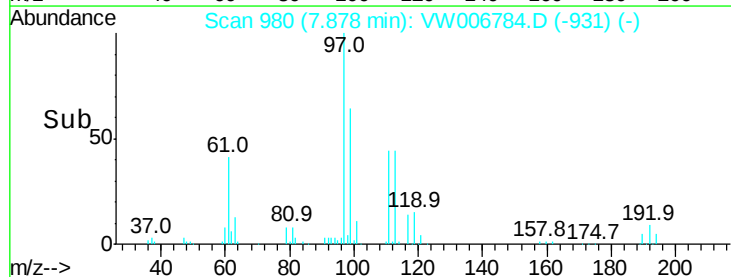
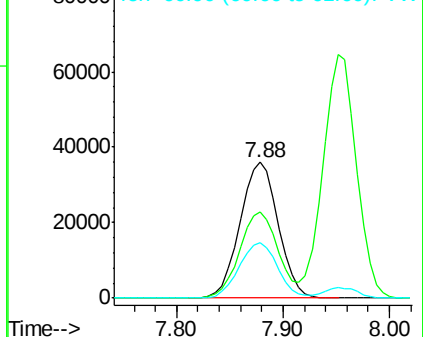
97 100

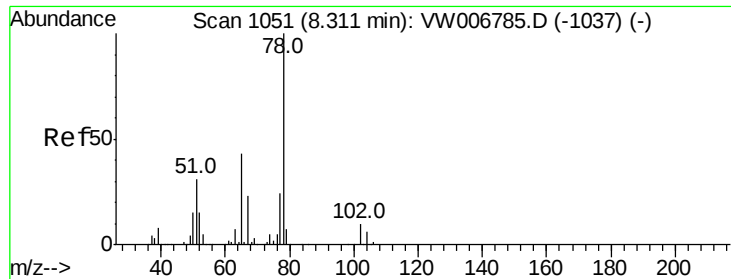
99 64.6 51.4 77.2

61 40.9 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

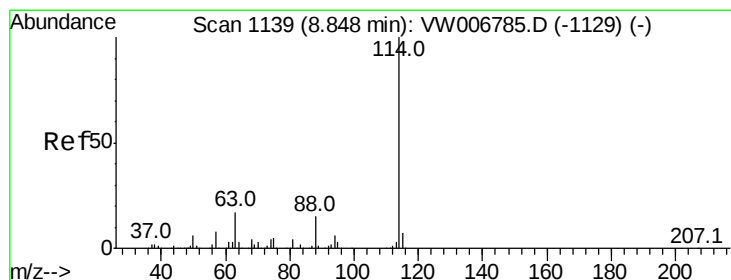
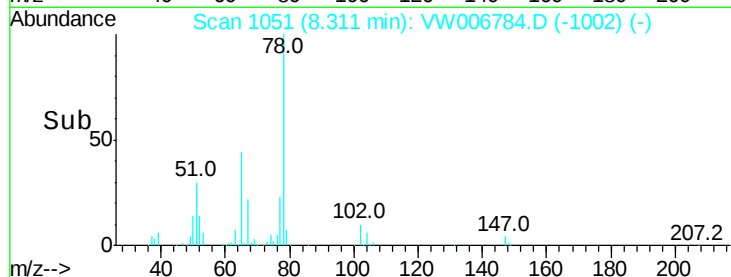
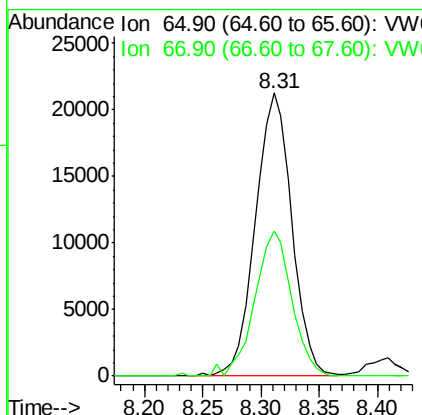
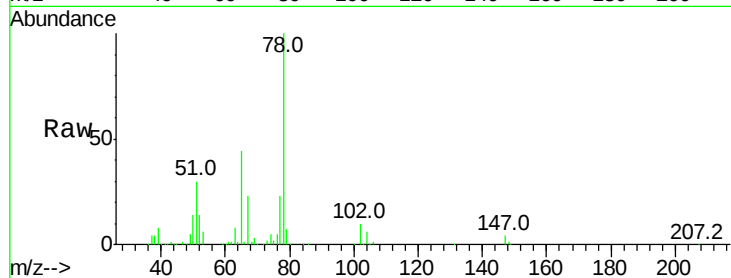




#33
 1,2-Dichloroethane-d4
 Concen: 17.894 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

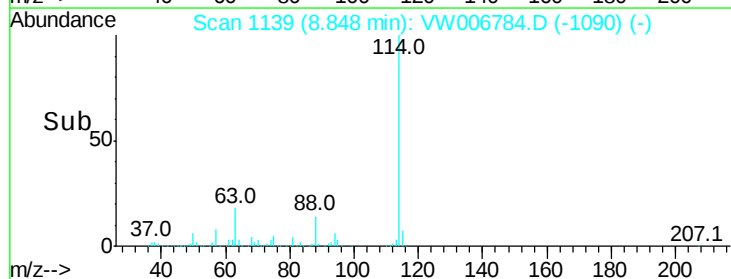
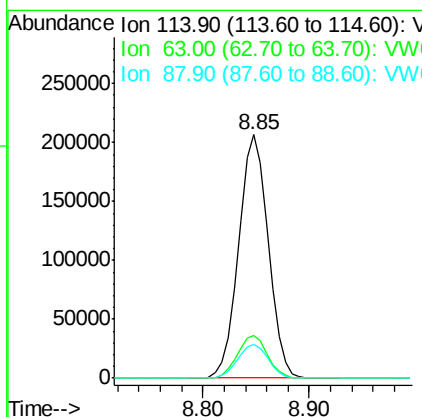
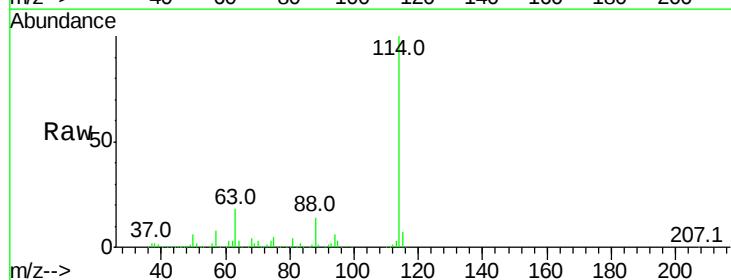
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

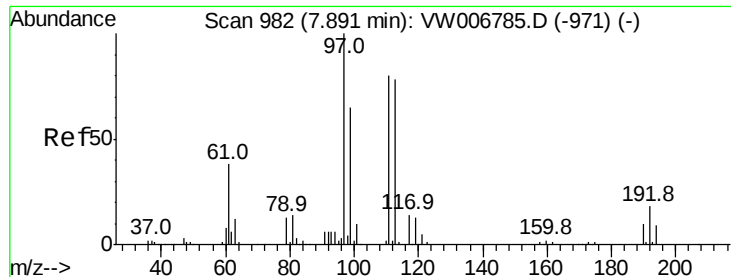
Tgt Ion: 65 Resp: 46282
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion: 114 Resp: 403276
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 13.9 0.0 29.2

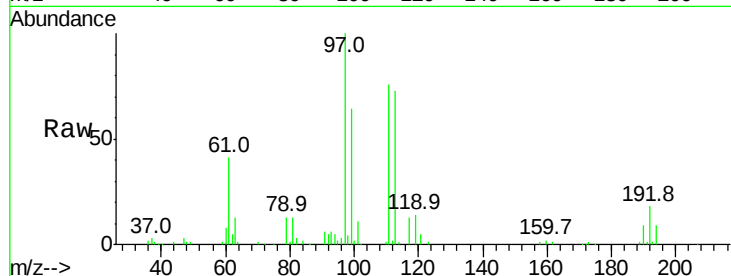




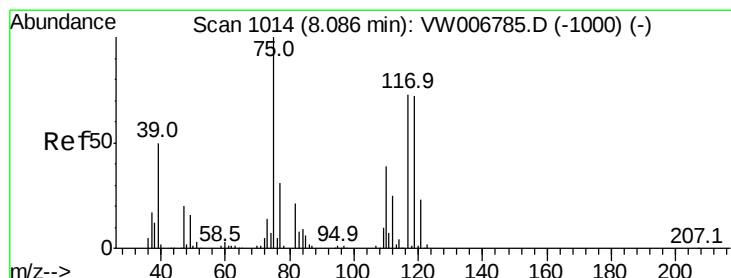
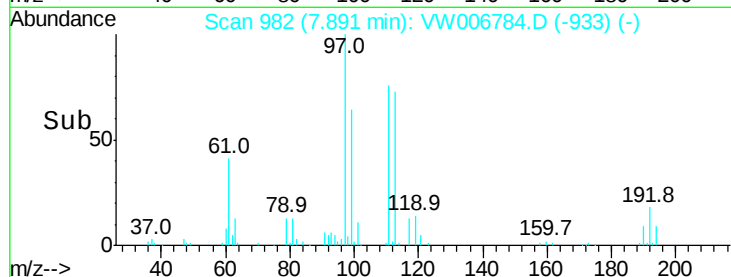
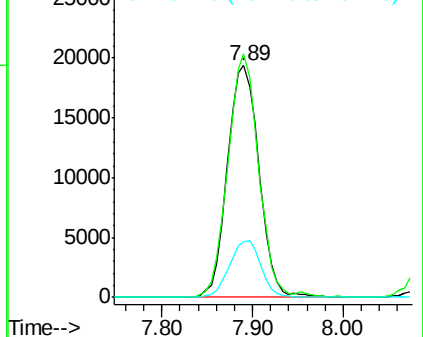
#35
Dibromofluoromethane
Concen: 18.607 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 113 Resp: 47091
Ion Ratio Lower Upper
113 100
111 100.7 81.4 122.2
192 24.0 19.1 28.7

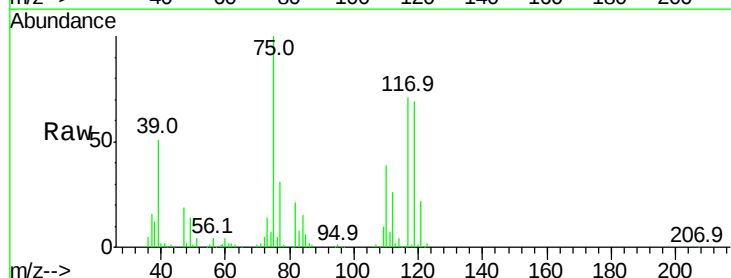


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

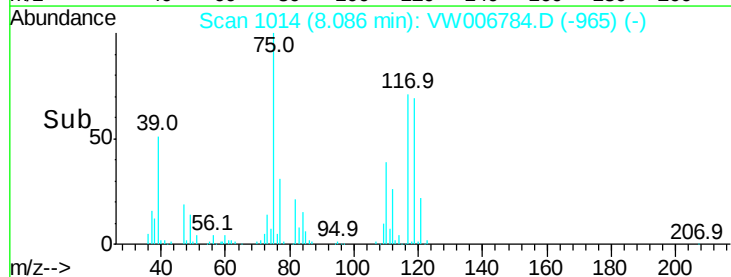
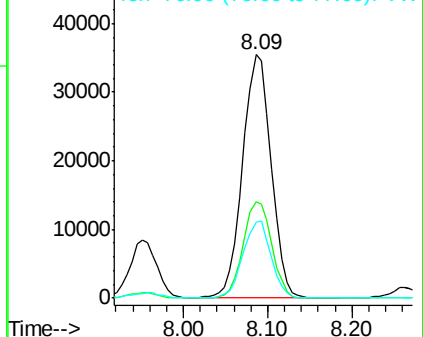


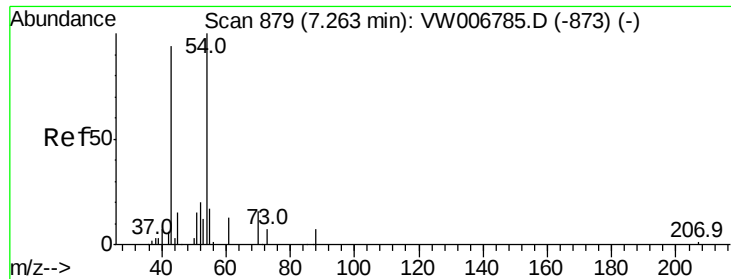
#36
1,1-Dichloropropene
Concen: 22.875 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 75 Resp: 81125
Ion Ratio Lower Upper
75 100
110 39.2 19.6 58.7
77 31.1 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

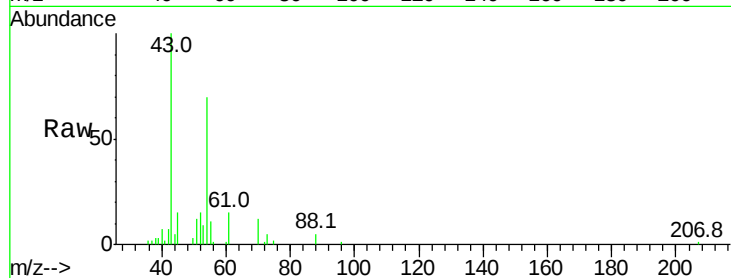




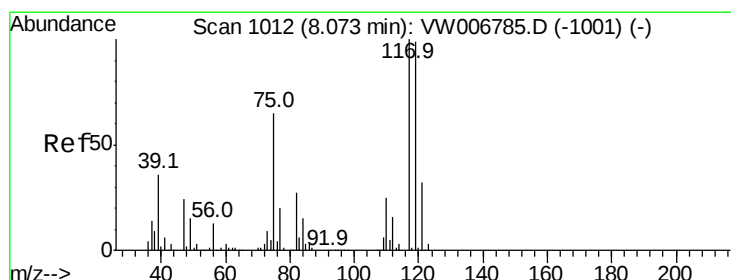
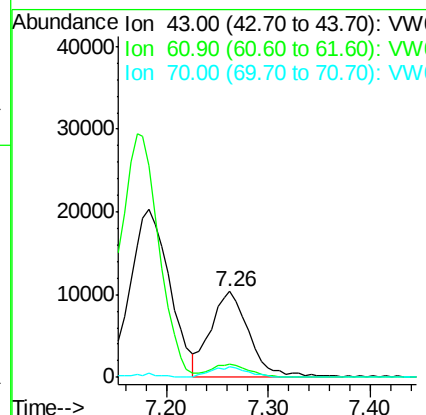
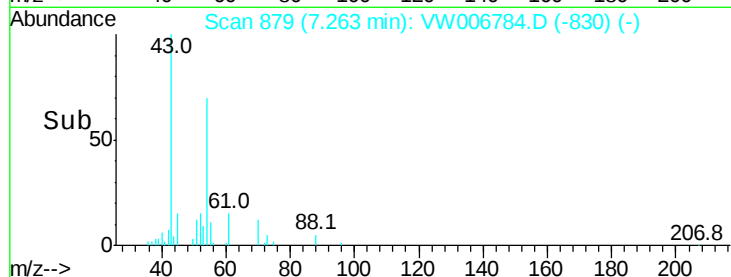
#37
Ethyl Acetate
Concen: 21.853 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 26857
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.2
70 12.2 9.8 14.8

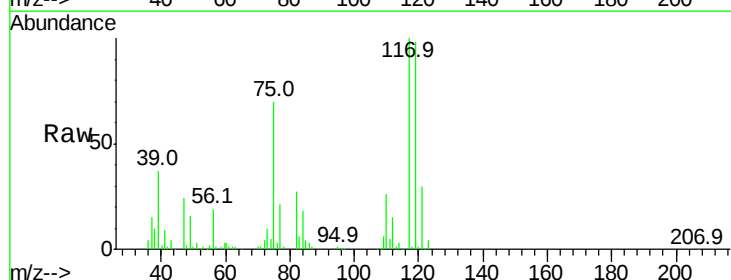


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

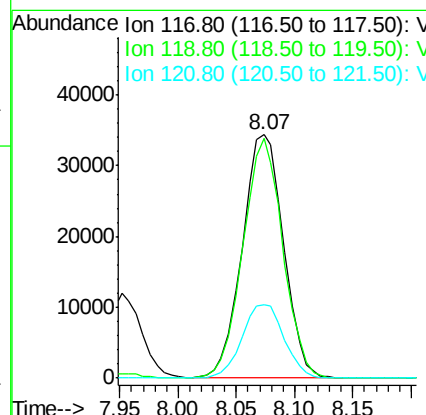
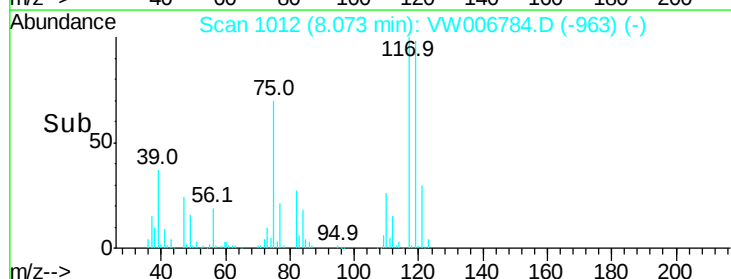


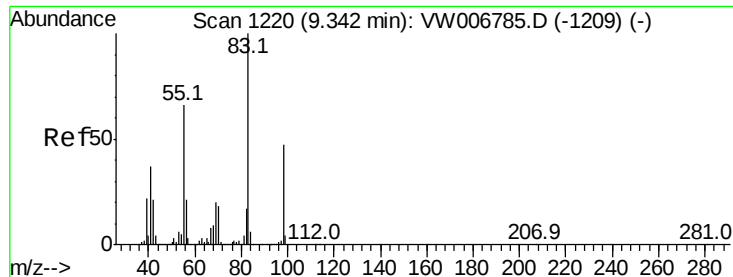
#38
Carbon Tetrachloride
Concen: 22.854 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 117 Resp: 84692
Ion Ratio Lower Upper
117 100
119 98.3 78.9 118.3
121 30.3 25.3 37.9



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

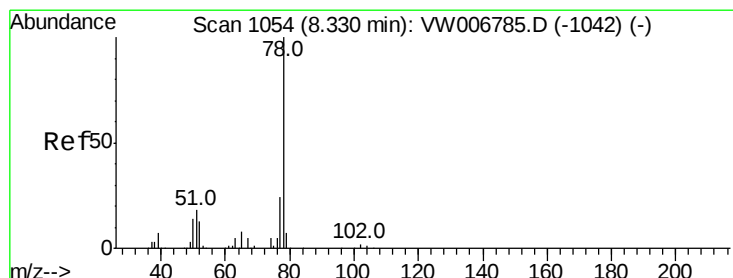
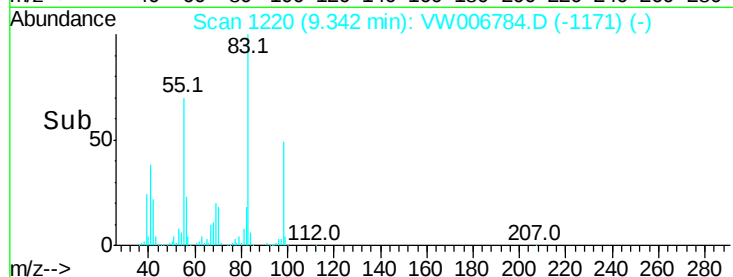
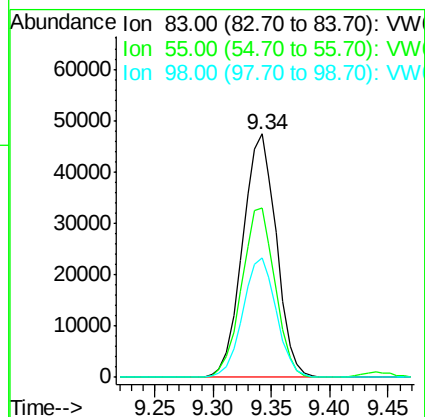
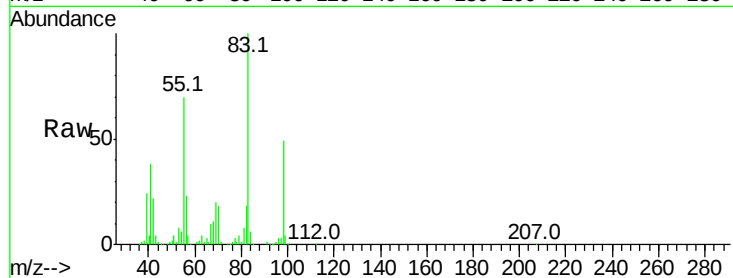




#39
Methylcyclohexane
Concen: 21.266 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

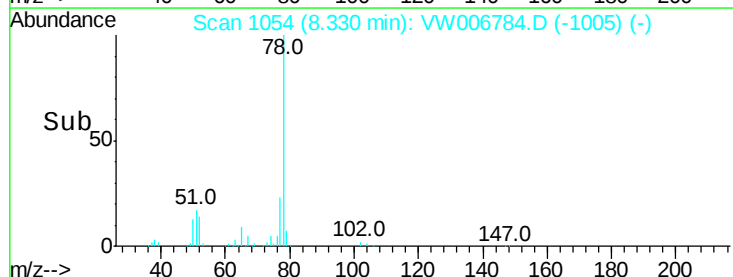
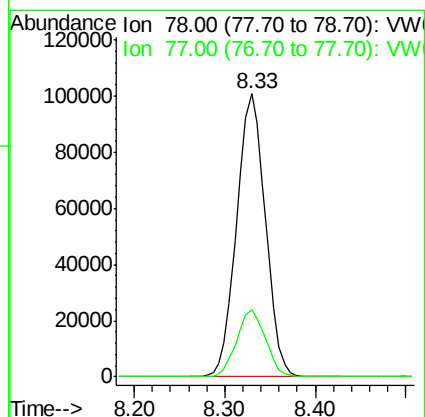
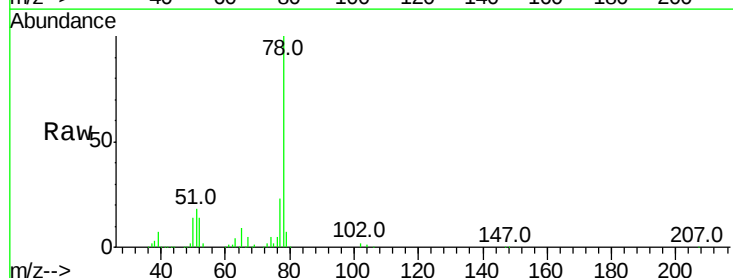
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

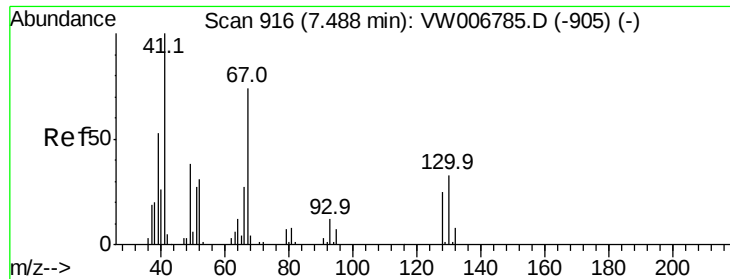
Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.6	53.0	79.4
98	49.1	37.9	56.9



#40
Benzene
Concen: 21.969 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.2

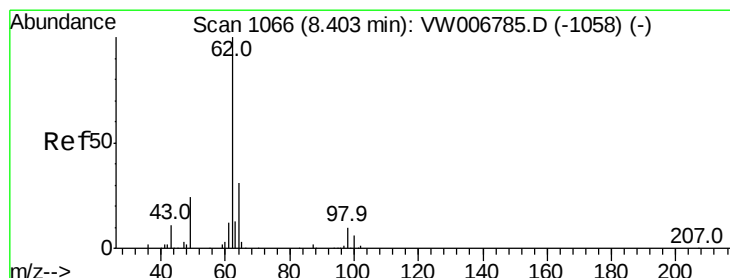
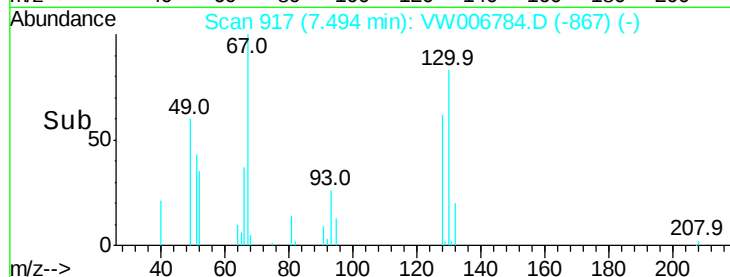
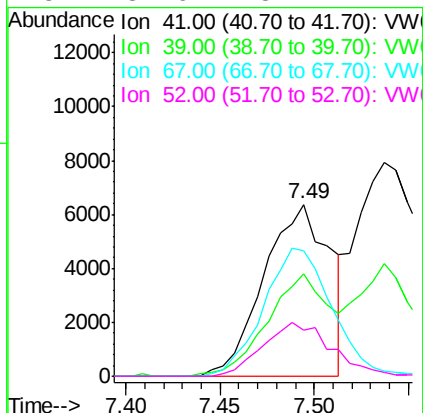
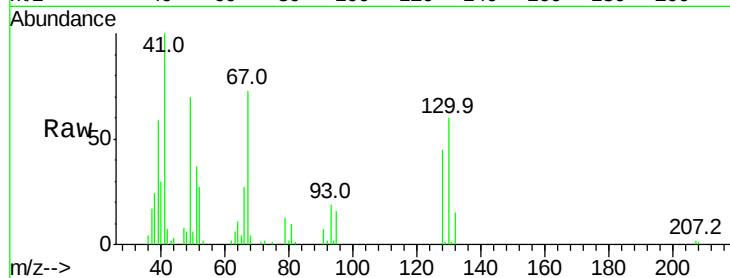




#41
Methacrylonitrile
Concen: 20.650 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

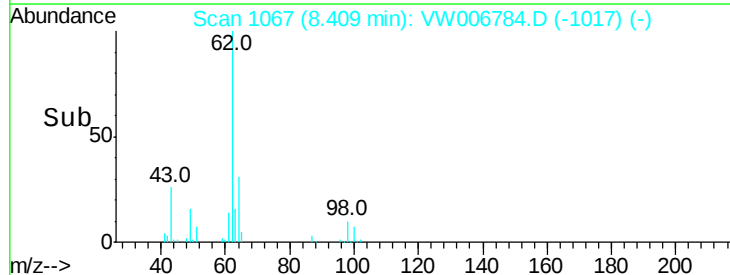
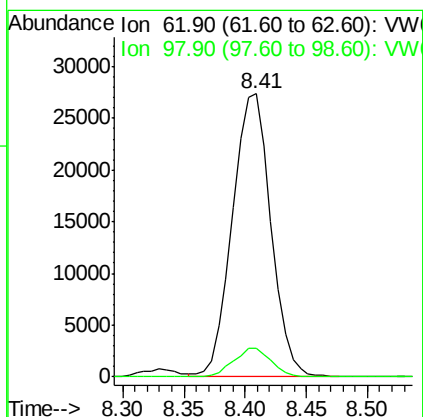
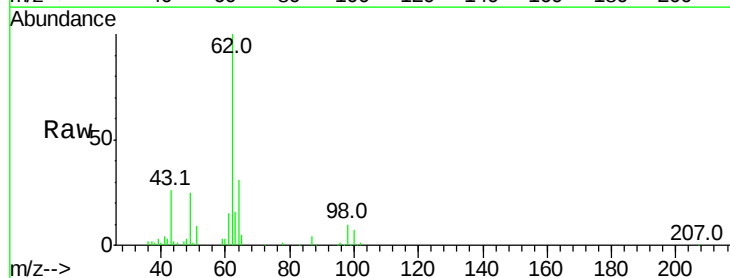
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

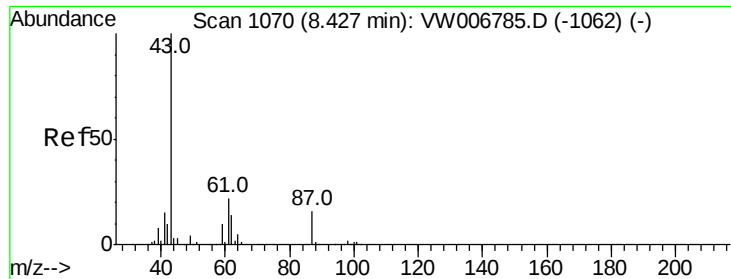
Tgt Ion:	41	Resp:	15562
Ion	Ratio	Lower	Upper
41	100		
39	55.6	49.3	73.9
67	76.8	69.3	103.9
52	32.6	28.2	42.4



#42
1,2-Dichloroethane
Concen: 20.716 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion:	62	Resp:	59845
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4

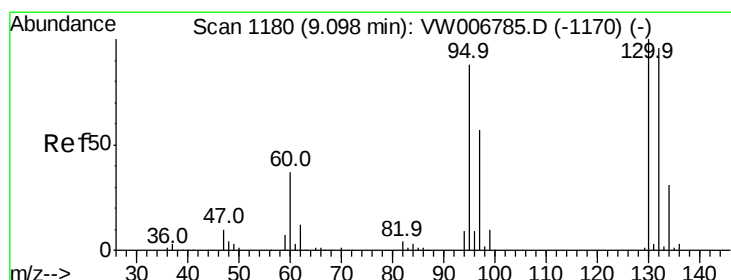
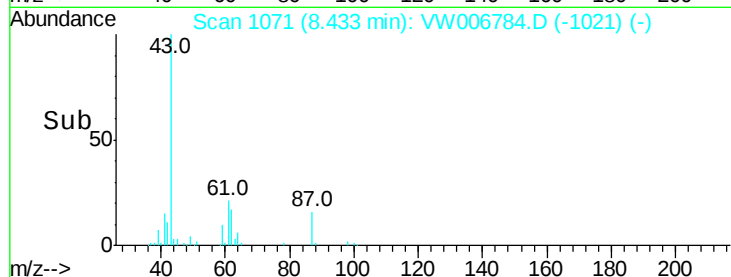
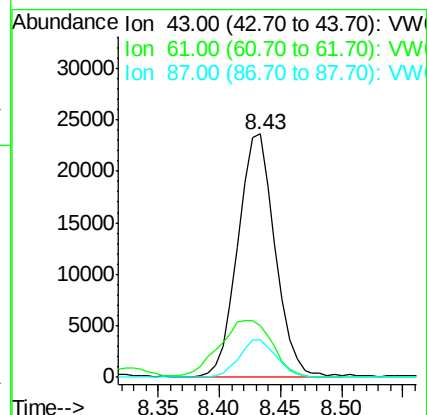
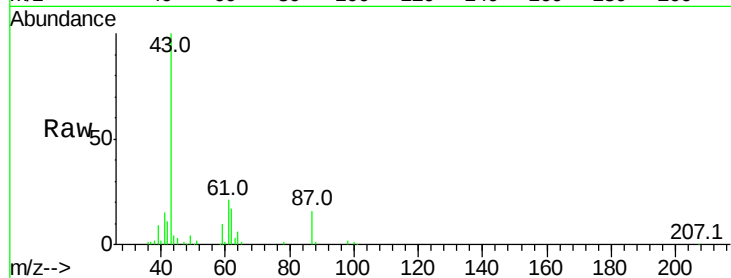




#43
Isopropyl Acetate
Concen: 20.224 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

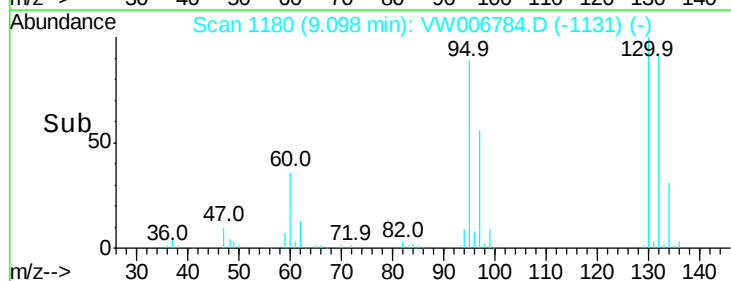
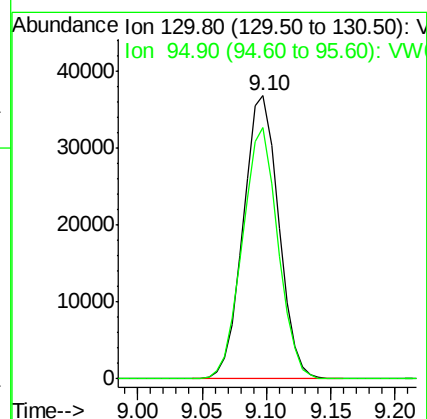
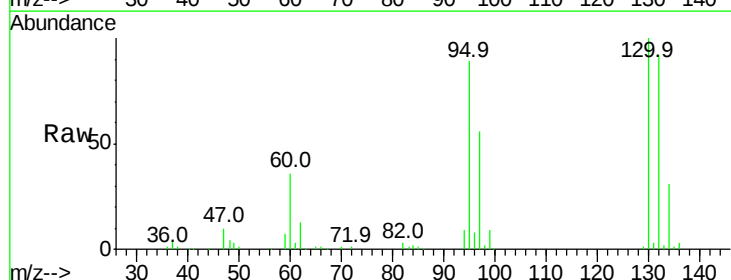
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

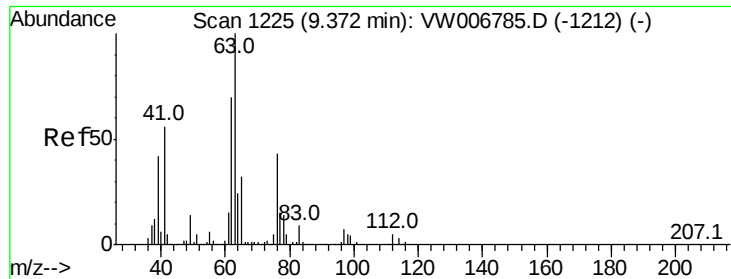
Tgt Ion: 43 Resp: 49598
Ion Ratio Lower Upper
43 100
61 33.7 26.5 39.7
87 15.5 12.8 19.2



#44
Trichloroethene
Concen: 22.552 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 130 Resp: 70102
Ion Ratio Lower Upper
130 100
95 88.8 0.0 175.0

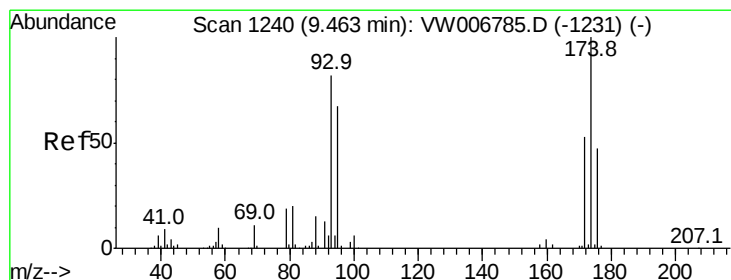
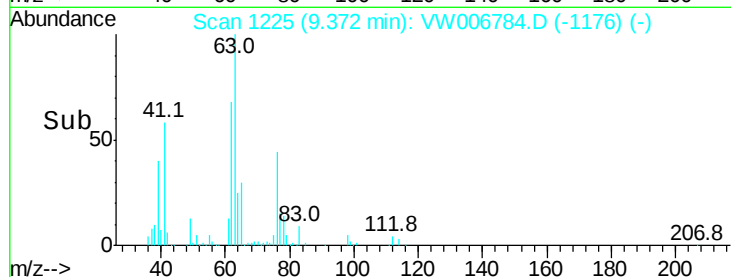
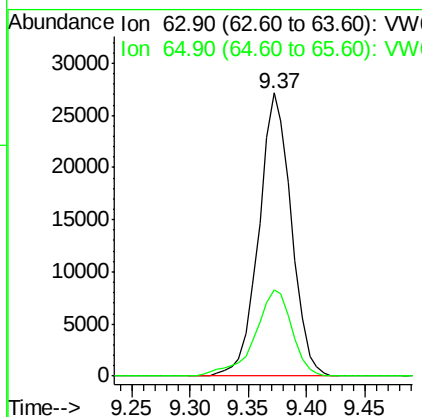
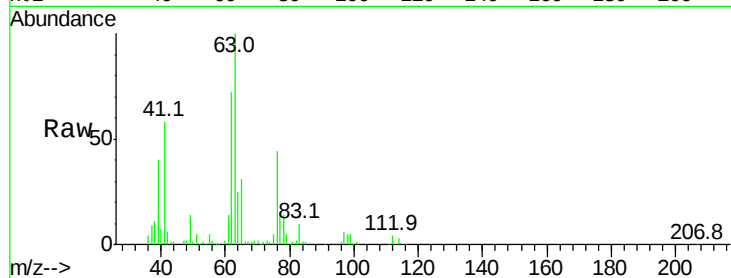




#45
 1,2-Dichloropropane
 Concen: 22.484 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

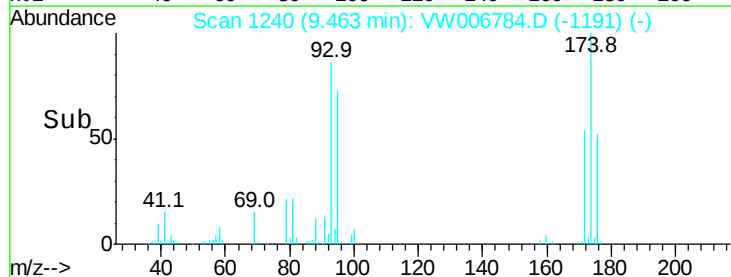
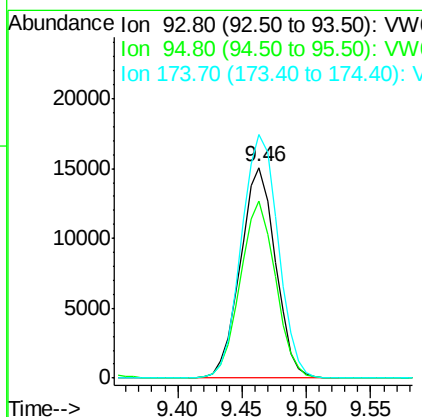
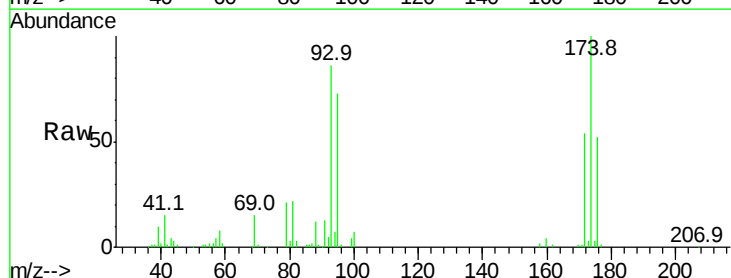
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

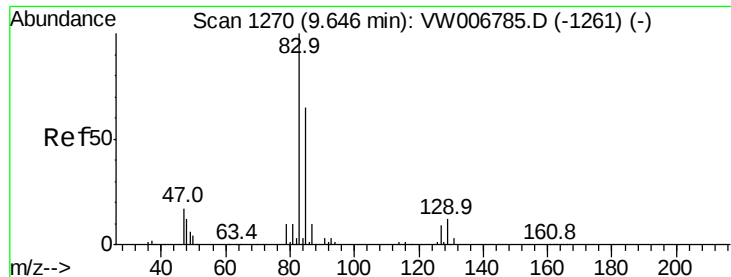
Tgt Ion: 63 Resp: 52707
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.5 38.3



#46
 Dibromomethane
 Concen: 20.715 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion: 93 Resp: 28546
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.4 98.0
 174 120.3 96.4 144.6





#47

Bromodichloromethane

Concen: 22.266 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

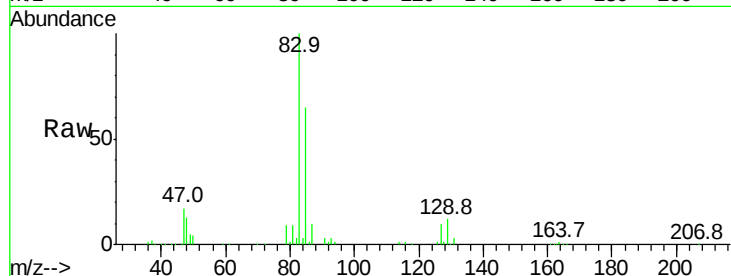
Tgt Ion: 83 Resp: 71242

Ion Ratio Lower Upper

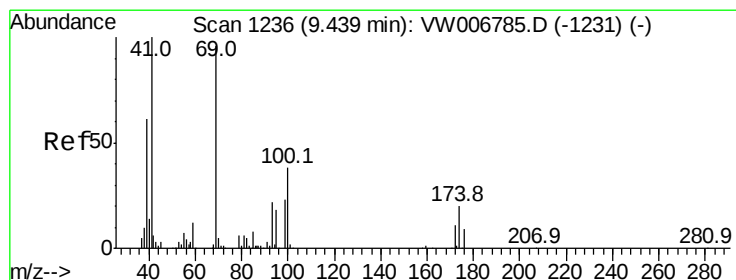
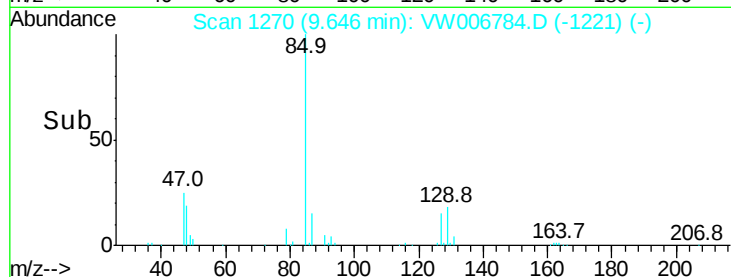
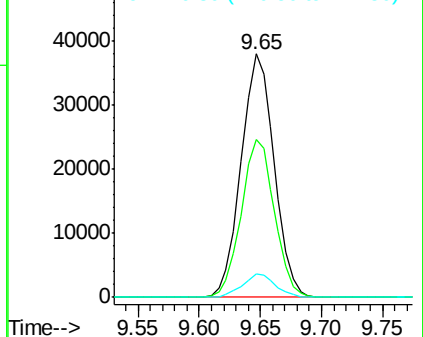
83 100

85 65.0 51.6 77.4

127 9.6 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: 19.600 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

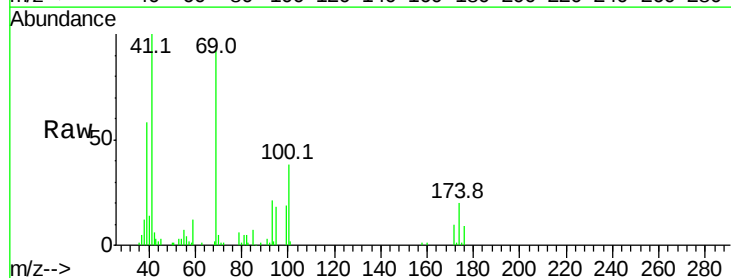
Tgt Ion: 41 Resp: 23159

Ion Ratio Lower Upper

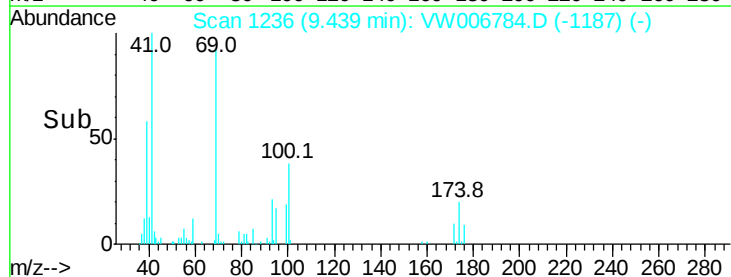
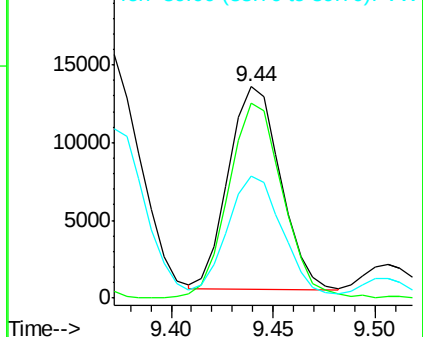
41 100

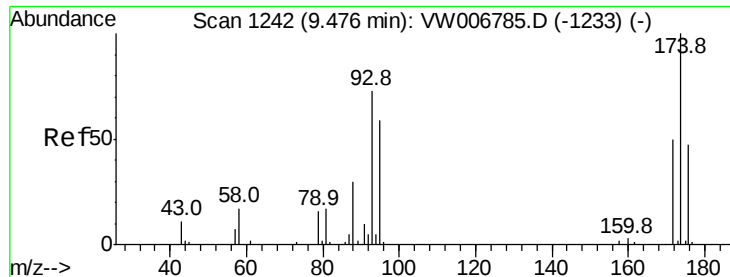
69 100.4 81.5 122.3

39 59.3 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: 393.364 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

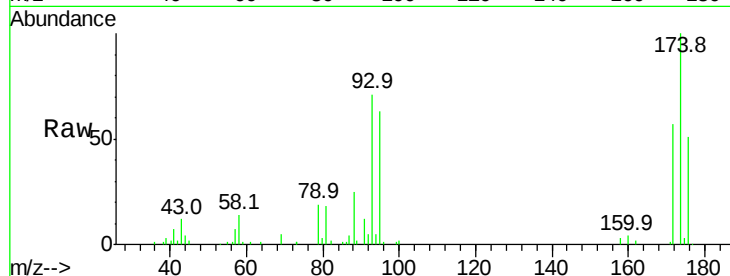
Tgt Ion: 88 Resp: 7933

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

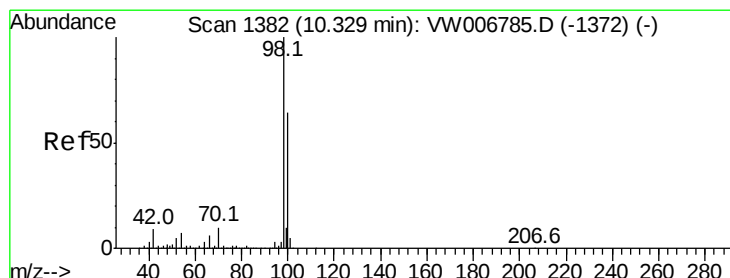
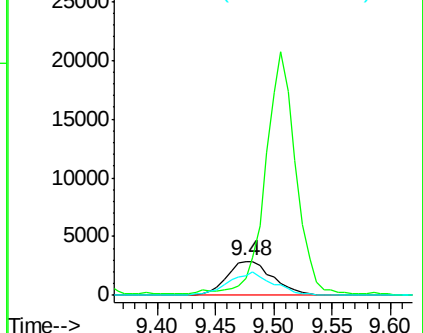
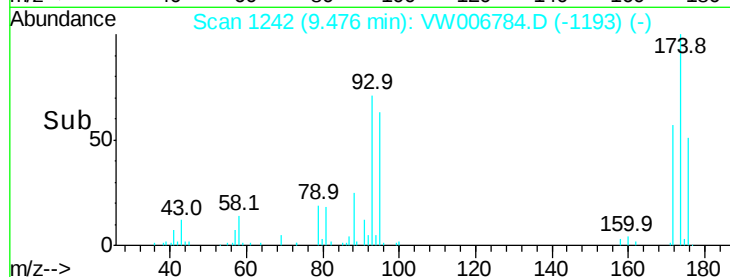
58 66.3 53.7 80.5



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: 20.674 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006784.D

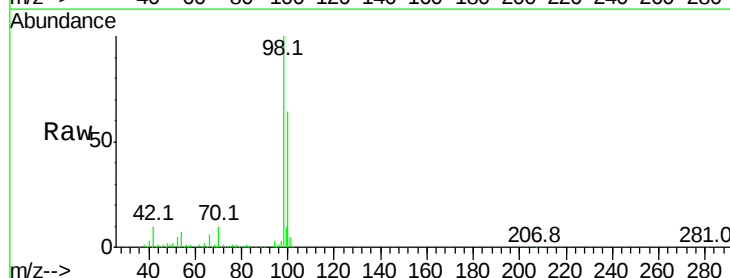
Acq: 09 Nov 2018 13:07

Tgt Ion: 98 Resp: 199185

Ion Ratio Lower Upper

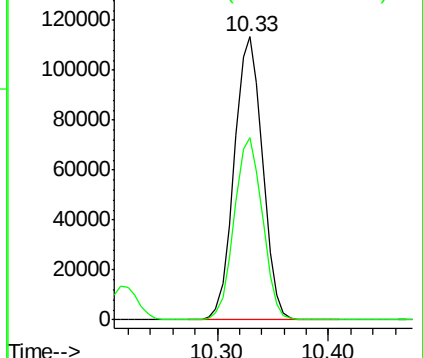
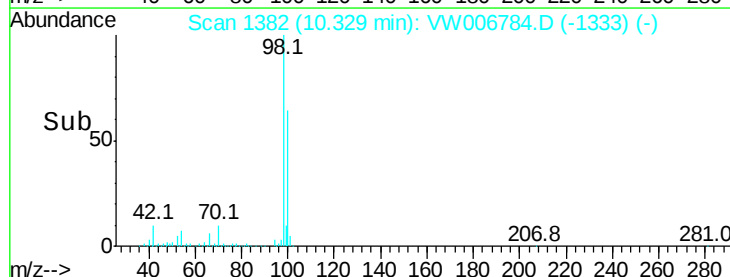
98 100

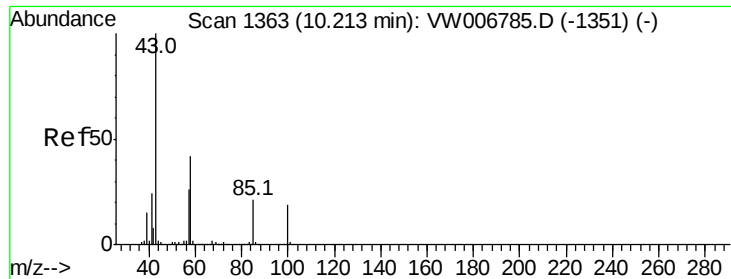
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

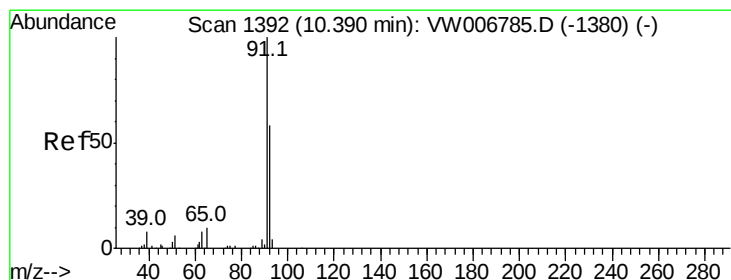
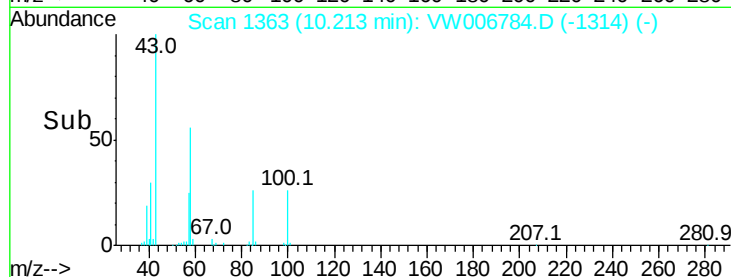
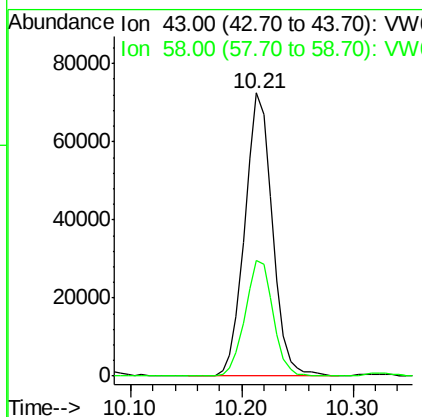
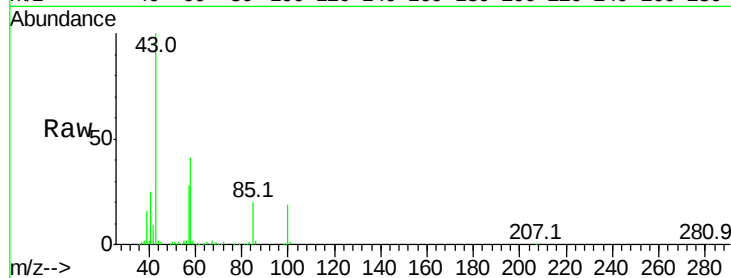




#51
 4-Methyl-2-Pentanone
 Concen: 98.986 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

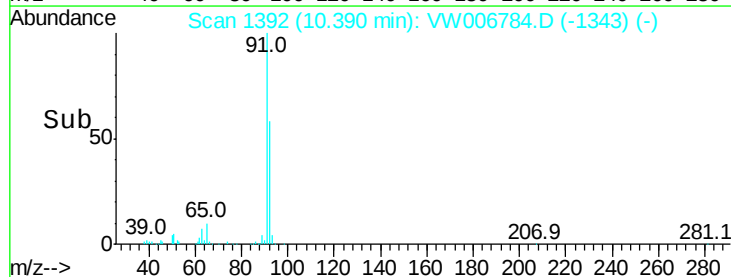
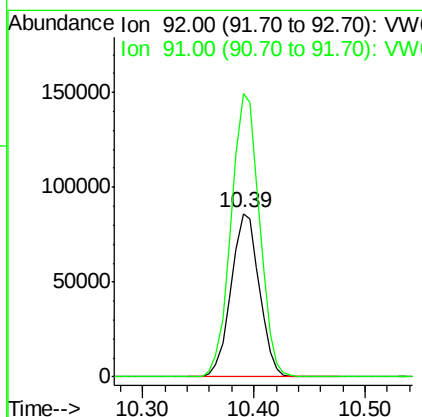
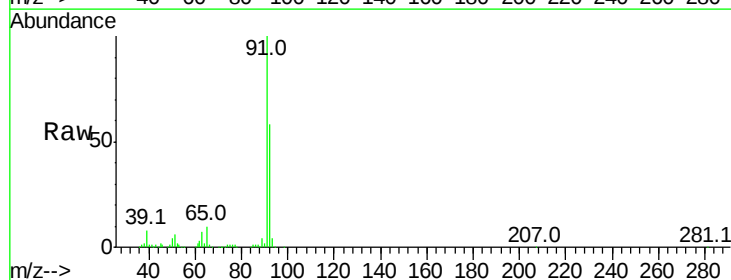
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

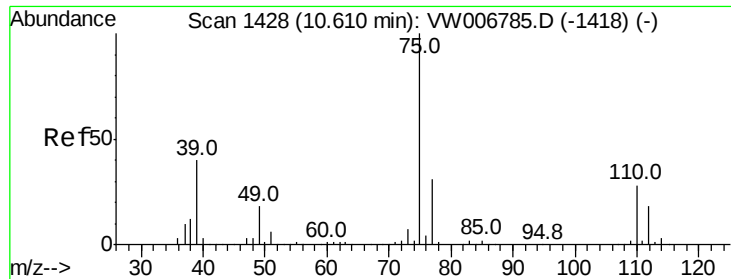
Tgt Ion: 43 Resp: 124675
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.2 49.8



#52
 Toluene
 Concen: 22.297 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion: 92 Resp: 150642
 Ion Ratio Lower Upper
 92 100
 91 174.8 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 21.948 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

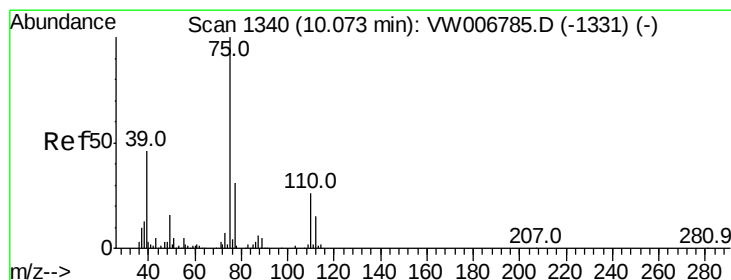
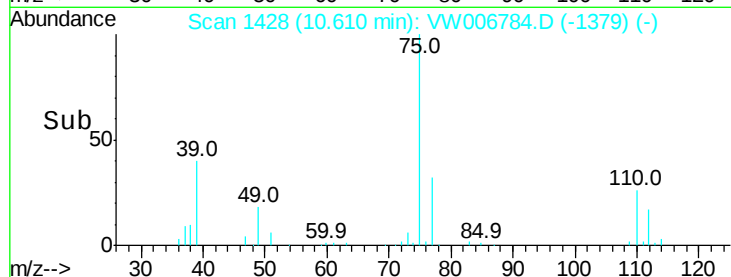
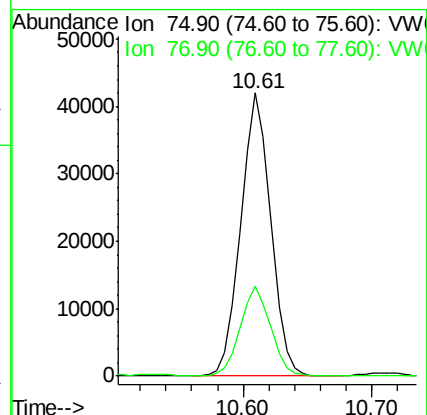
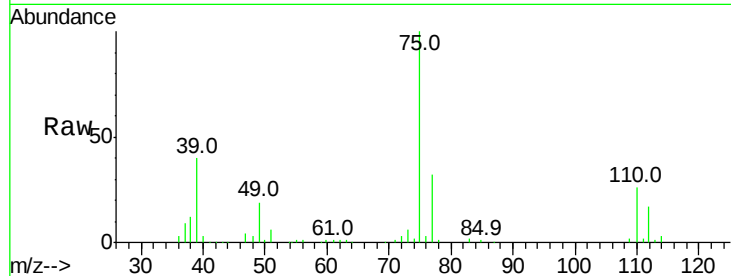
VSTDIC020

Tgt Ion: 75 Resp: 67587

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 22.515 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

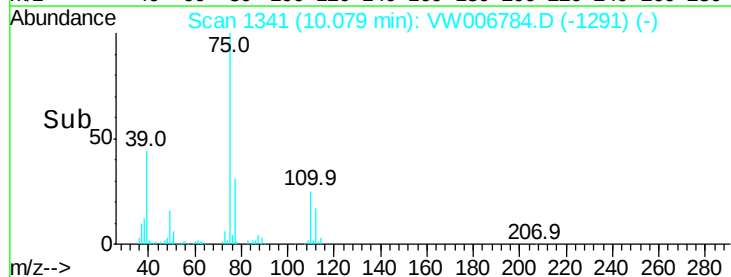
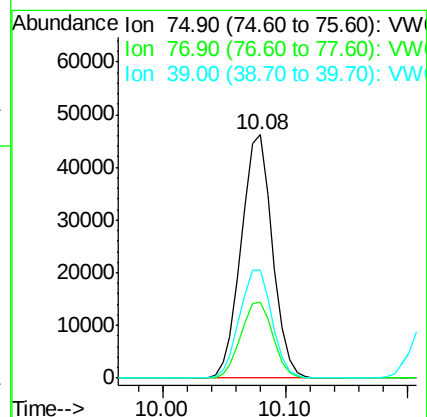
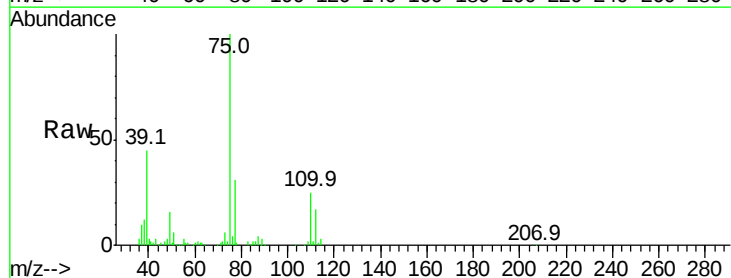
Tgt Ion: 75 Resp: 81929

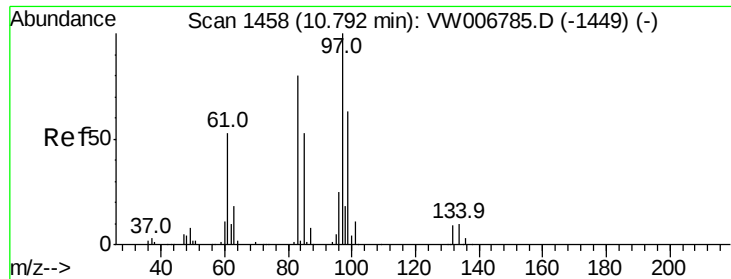
Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0

39 44.4 37.1 55.7

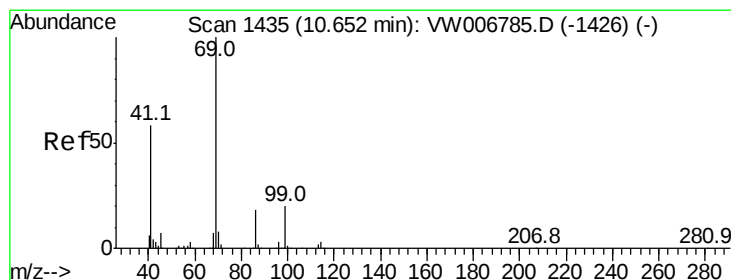
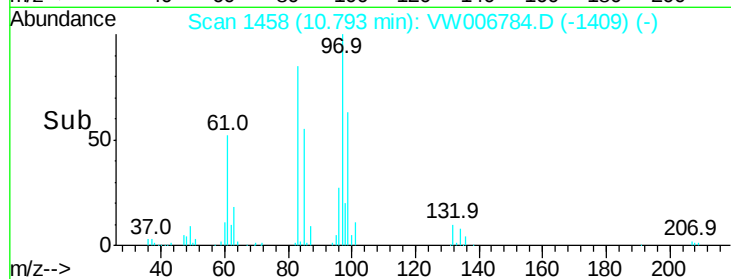
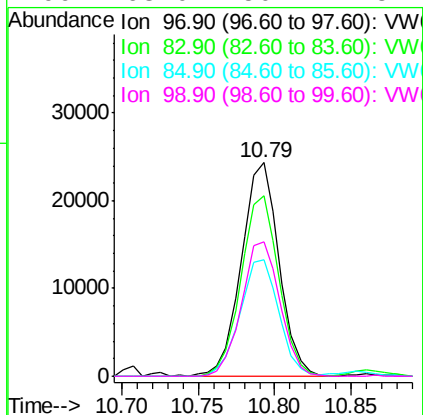
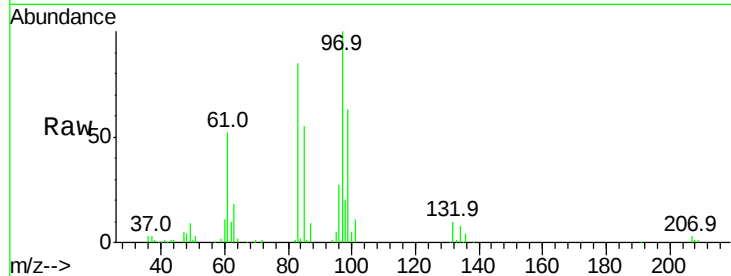




#55
 1,1,2-Trichloroethane
 Concen: 21.242 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

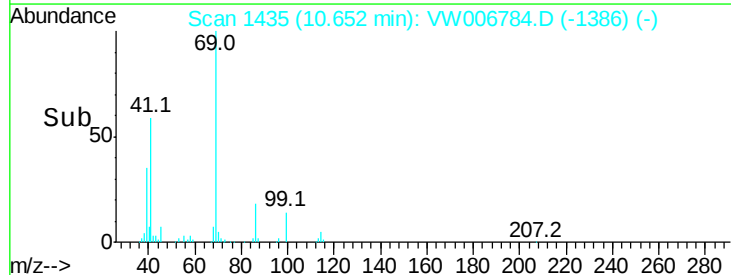
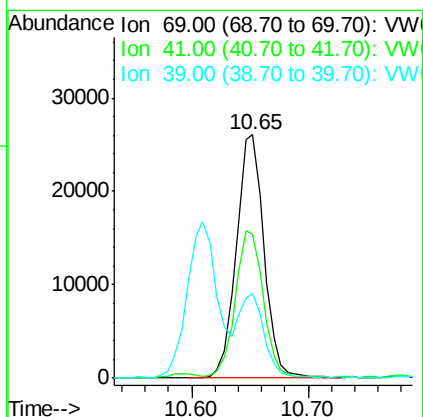
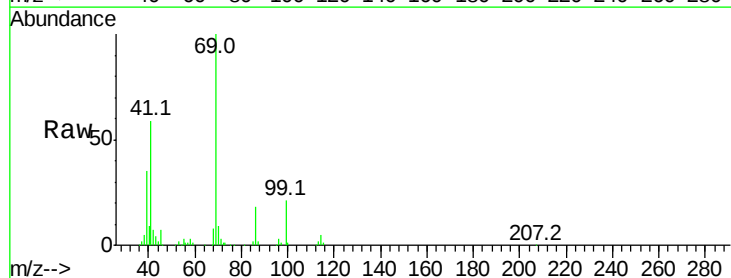
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

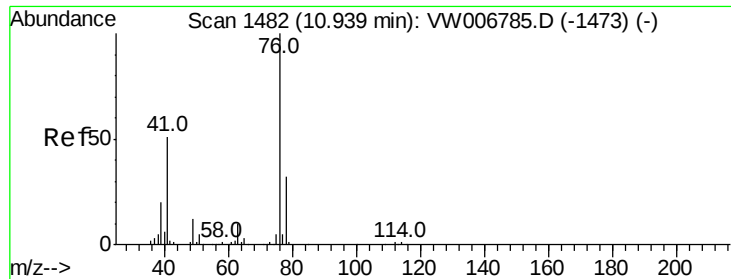
Tgt Ion:	97	Resp:	41533
Ion	Ratio	Lower	Upper
97	100		
83	84.6	64.4	96.6
85	54.8	42.6	63.8
99	63.0	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 19.482 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion:	69	Resp:	43294
Ion	Ratio	Lower	Upper
69	100		
41	60.9	47.2	70.8
39	31.4	23.4	35.0





#57

1,3-Dichloropropane

Concen: 21.555 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

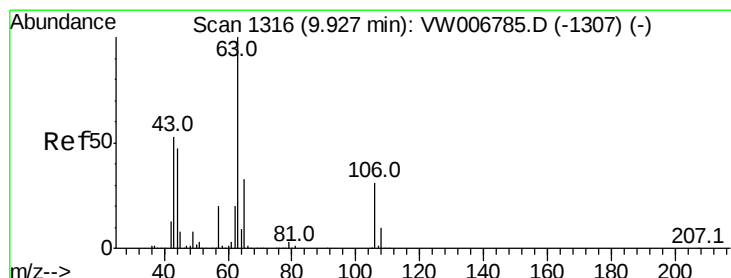
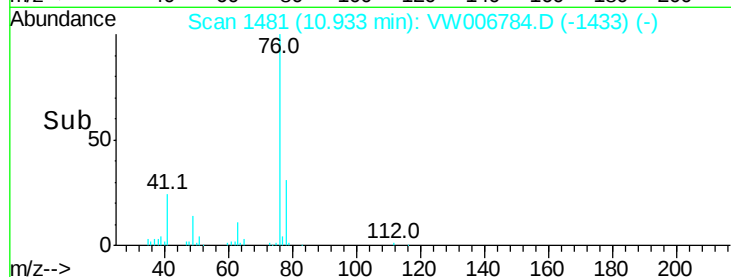
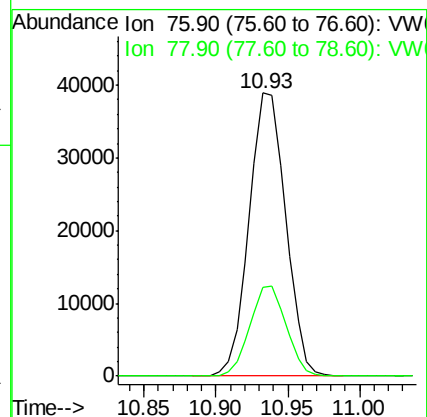
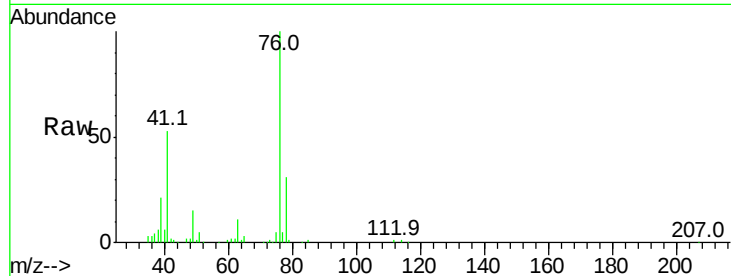
VSTDIC020

Tgt Ion: 76 Resp: 68436

Ion Ratio Lower Upper

76 100

78 31.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 103.047 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006784.D

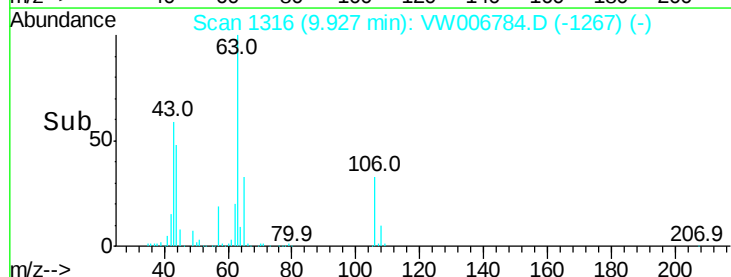
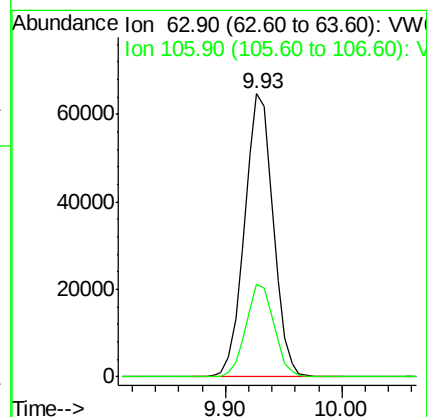
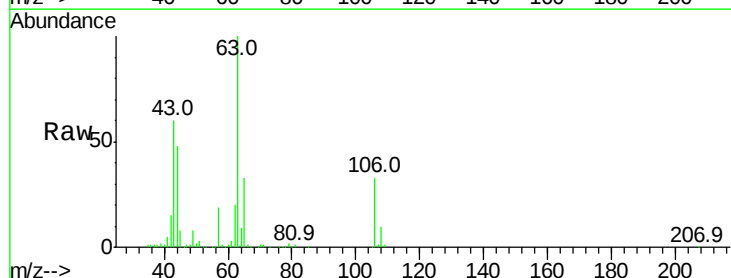
Acq: 09 Nov 2018 13:07

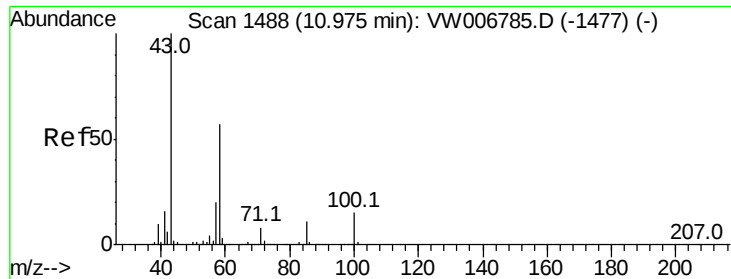
Tgt Ion: 63 Resp: 111319

Ion Ratio Lower Upper

63 100

106 32.2 25.3 37.9

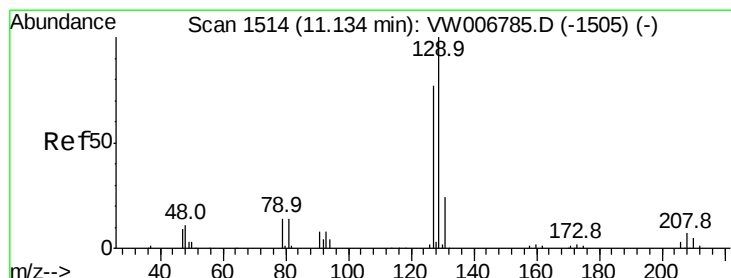
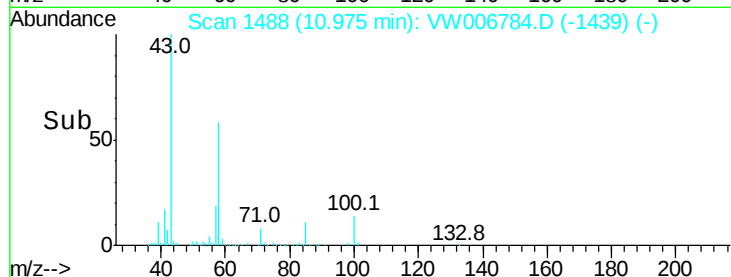
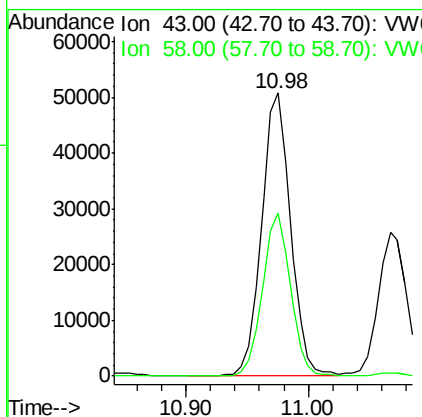
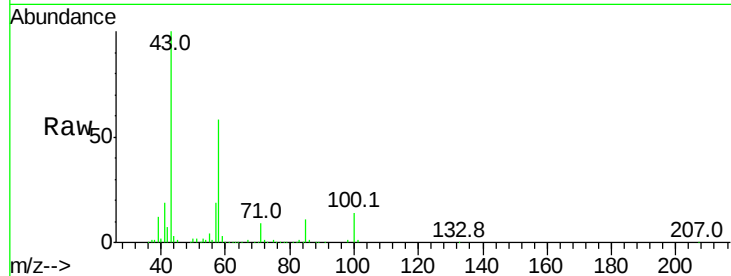




#59
2-Hexanone
Concen: 97.966 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

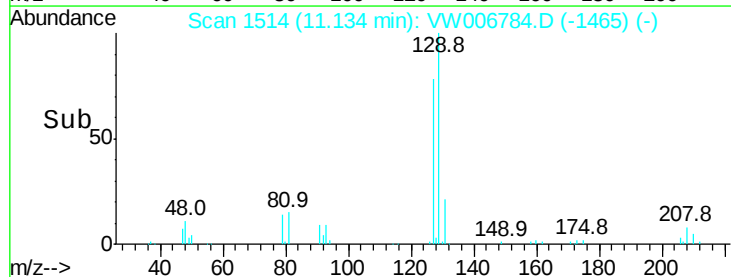
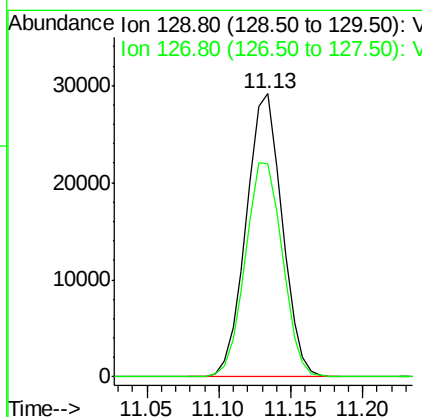
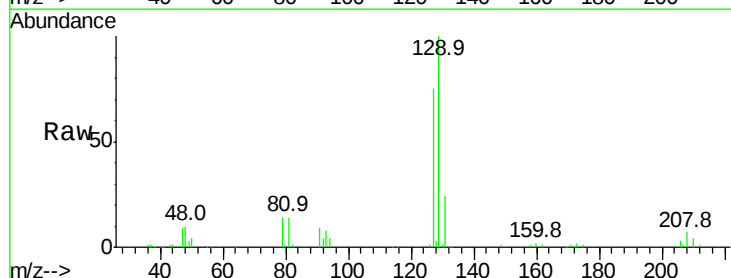
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

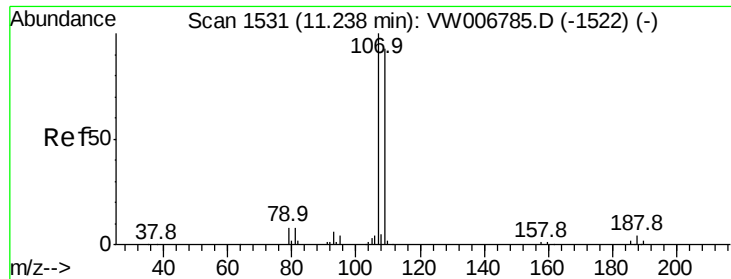
Tgt Ion: 43 Resp: 83806
Ion Ratio Lower Upper
43 100
58 55.8 28.5 85.5



#60
Dibromochloromethane
Concen: 21.703 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 129 Resp: 50275
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.3

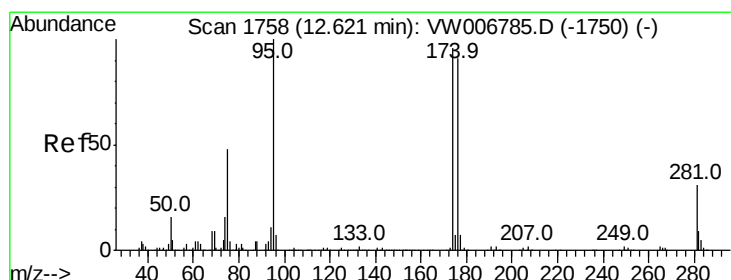
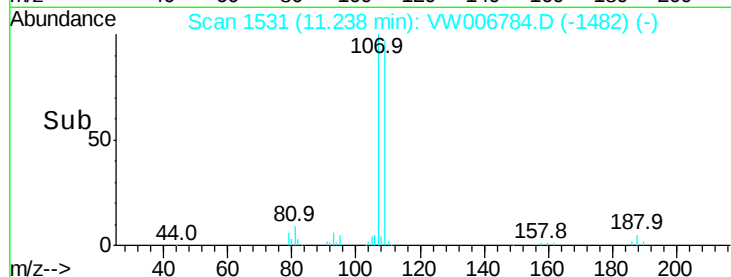
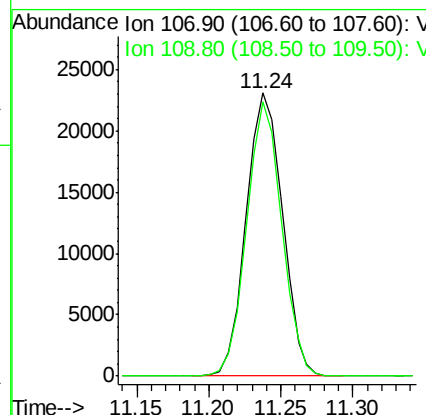
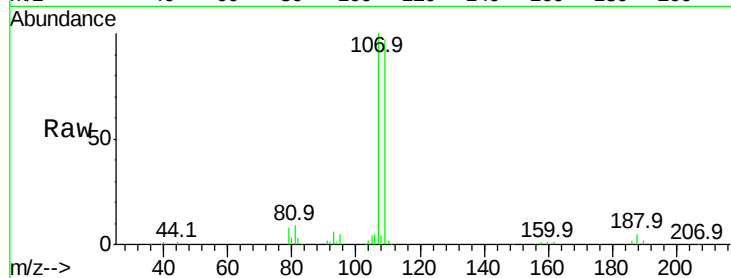




#61
 1,2-Dibromoethane
 Concen: 20.766 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

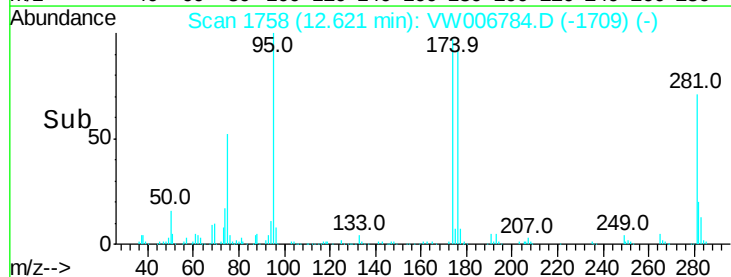
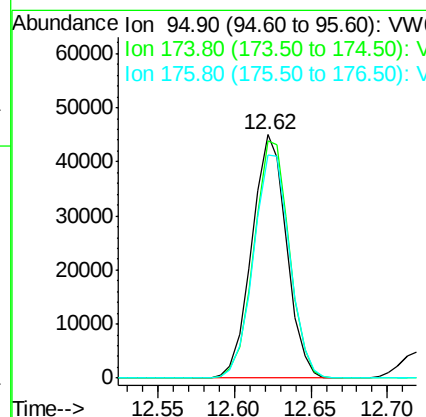
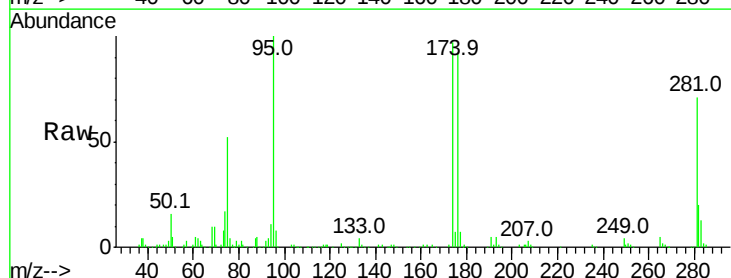
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

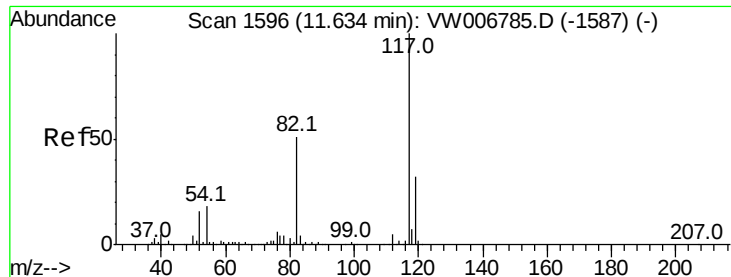
Tgt Ion: 107 Resp: 40320
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 20.387 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion: 95 Resp: 71209
 Ion Ratio Lower Upper
 95 100
 174 98.7 0.0 196.2
 176 95.9 0.0 190.8

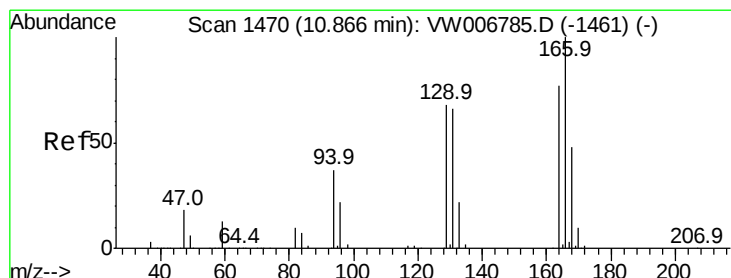
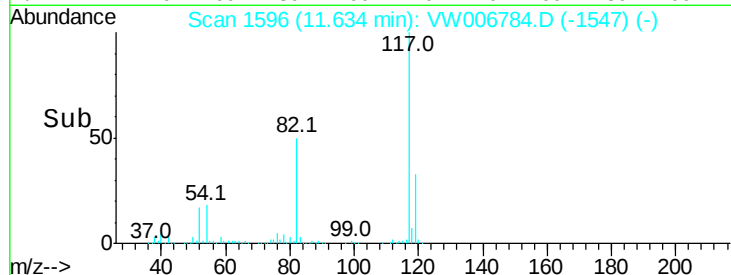
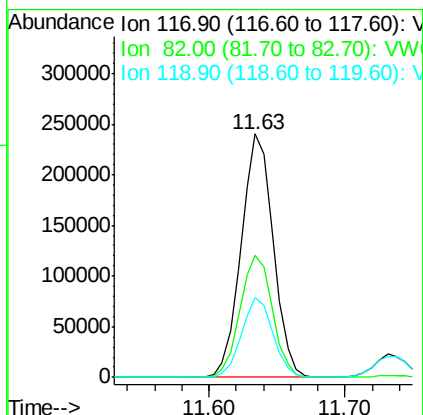
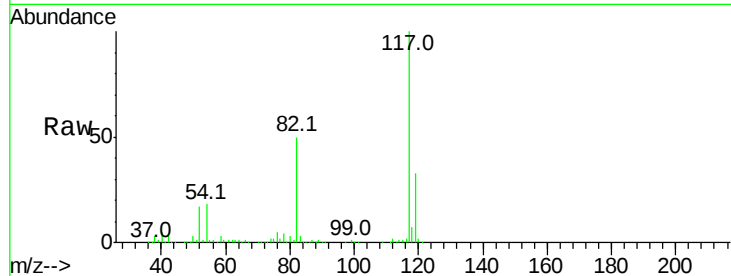




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

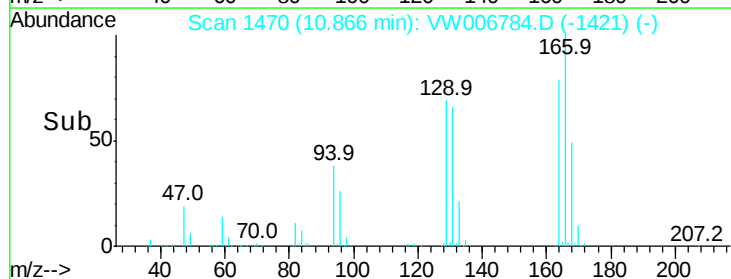
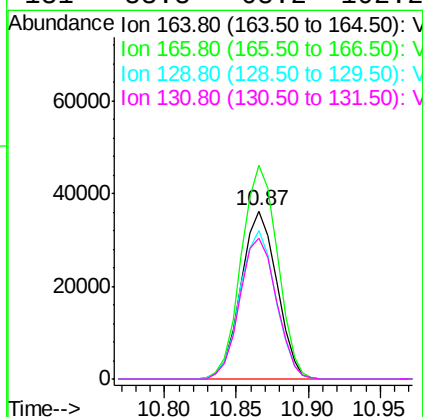
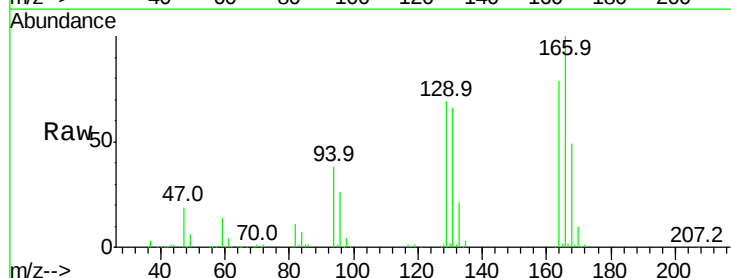
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

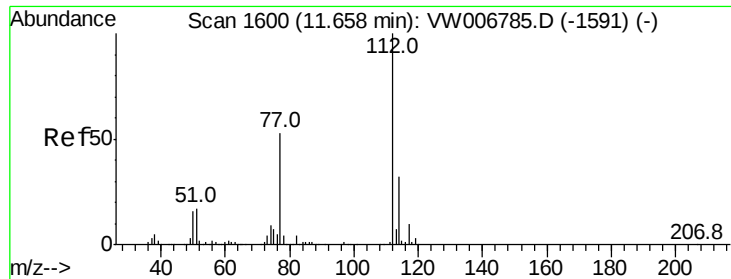
Tgt Ion:117 Resp: 395264
Ion Ratio Lower Upper
117 100
82 50.2 40.9 61.3
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 19.900 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion:164 Resp: 62702
Ion Ratio Lower Upper
164 100
166 127.2 103.7 155.5
129 88.3 70.4 105.6
131 83.8 68.2 102.2

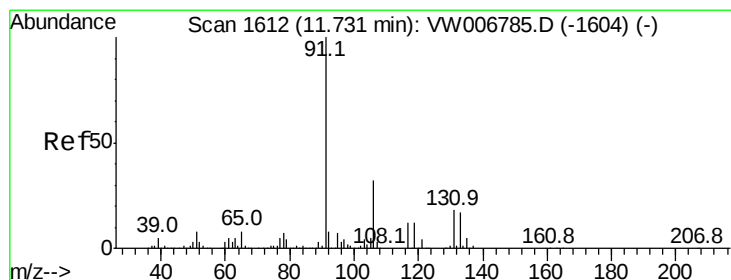
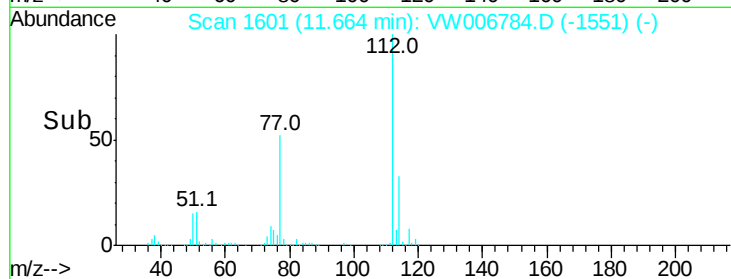
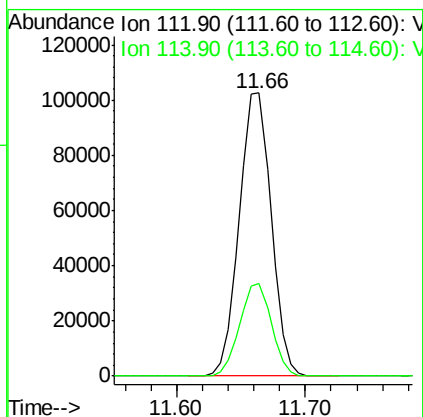
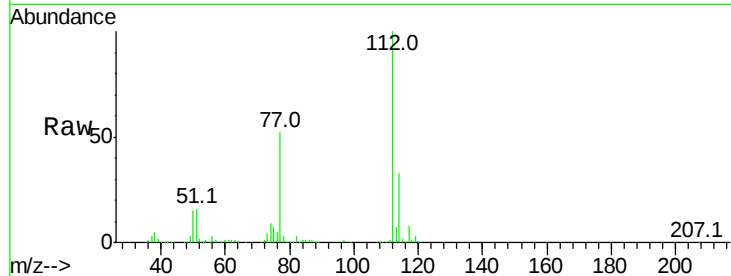




#65
Chlorobenzene
Concen: 21.197 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

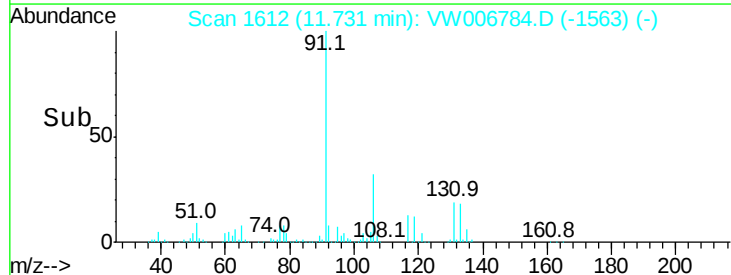
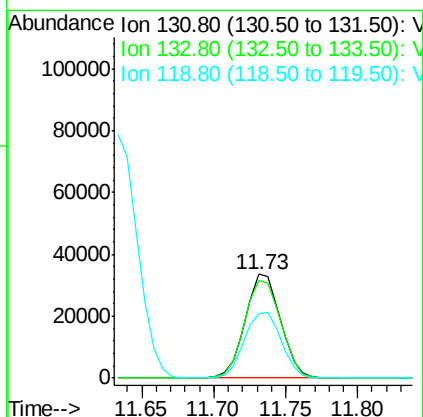
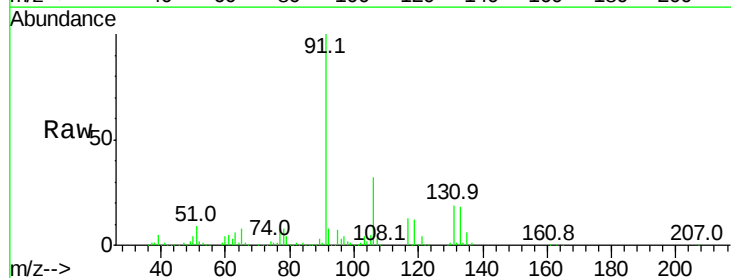
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

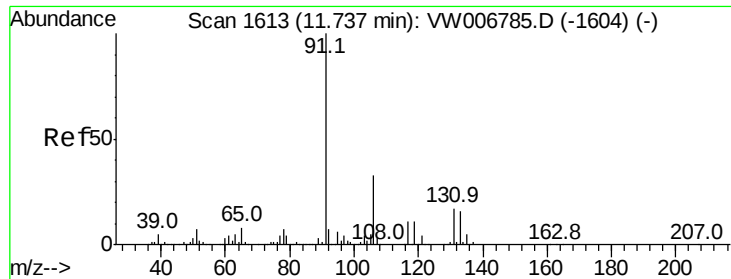
Tgt Ion:112 Resp: 176306
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.533 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion:131 Resp: 57105
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 65.9 32.3 96.8

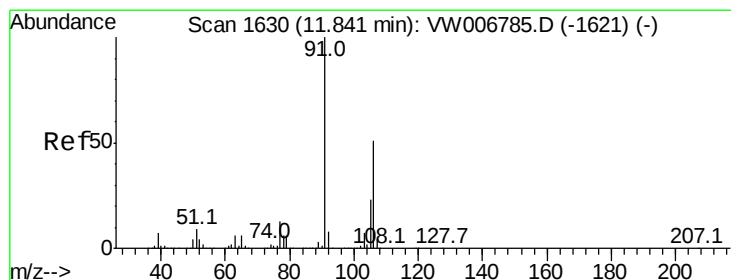
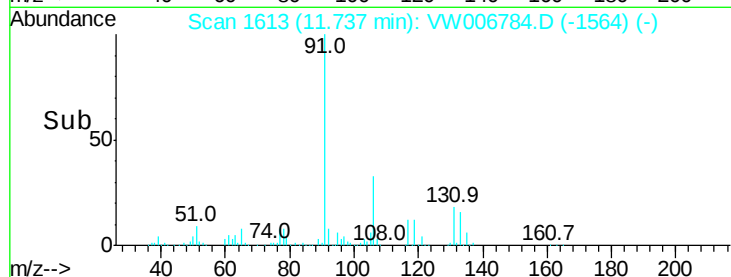
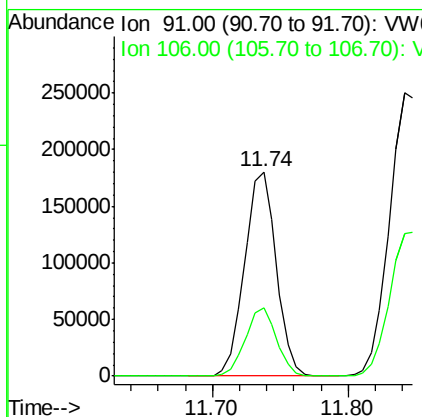
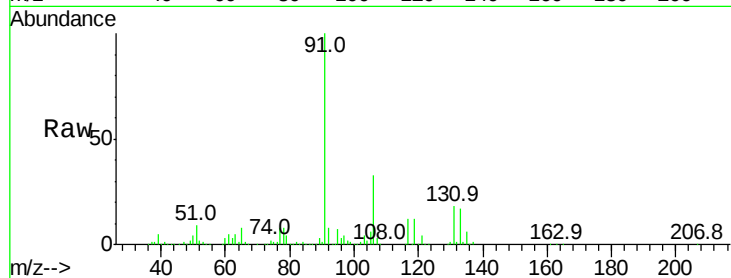




#67
Ethyl Benzene
Concen: 21.159 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

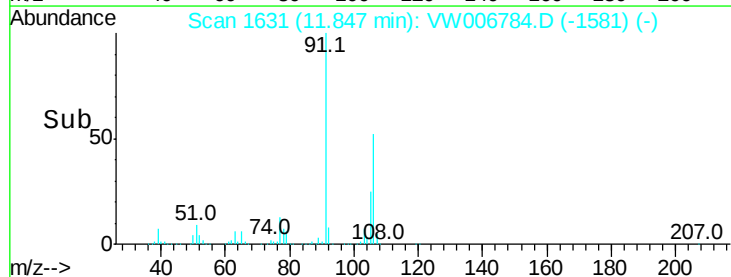
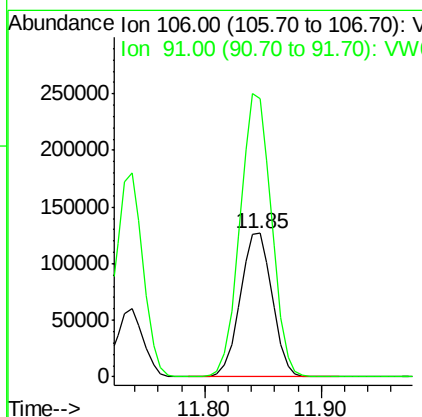
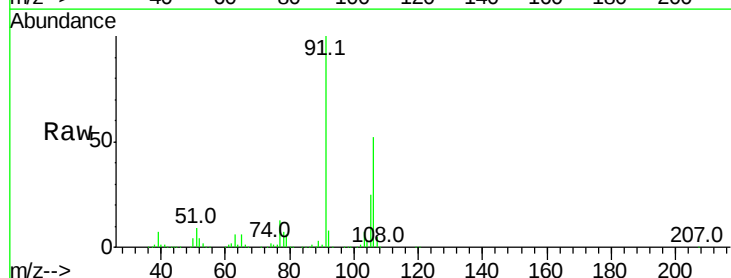
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

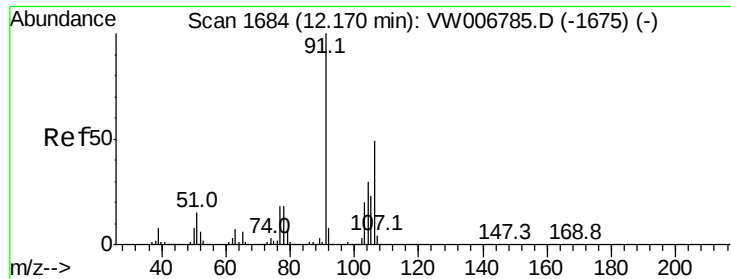
Tgt Ion: 91 Resp: 294162
Ion Ratio Lower Upper
91 100
106 33.1 26.3 39.5



#68
m/p-Xylenes
Concen: 43.771 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 106 Resp: 243116
Ion Ratio Lower Upper
106 100
91 194.3 155.3 232.9

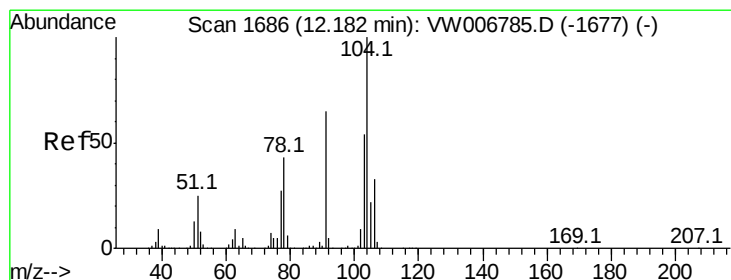
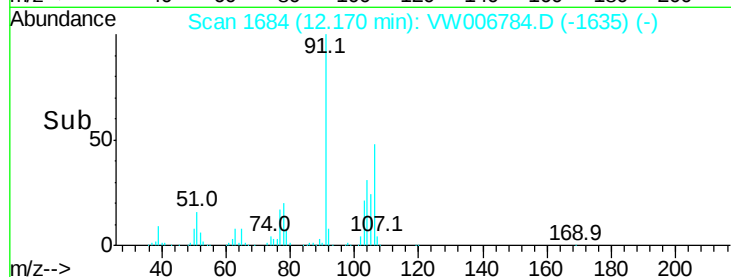
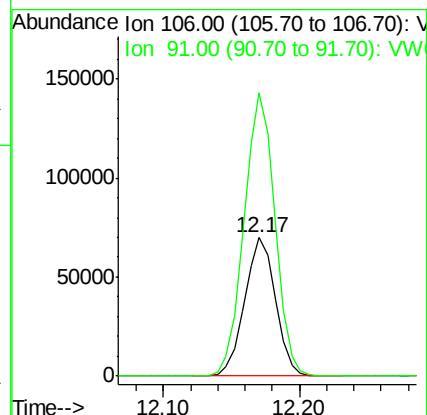
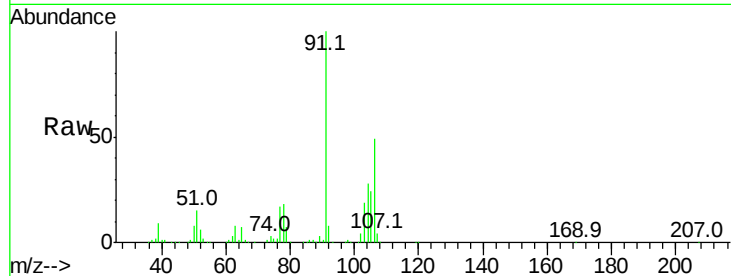




#69
o-Xylene
Concen: 20.869 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

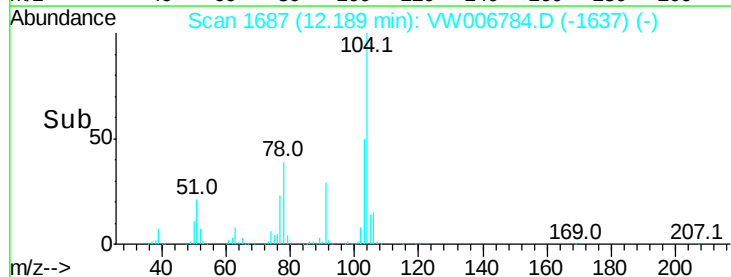
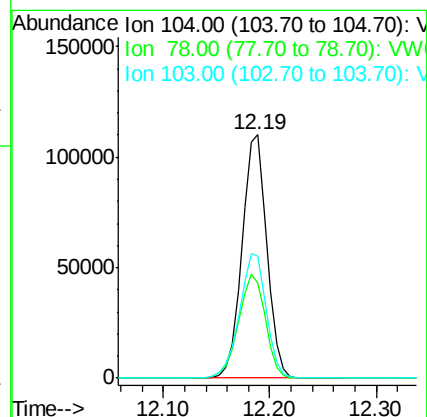
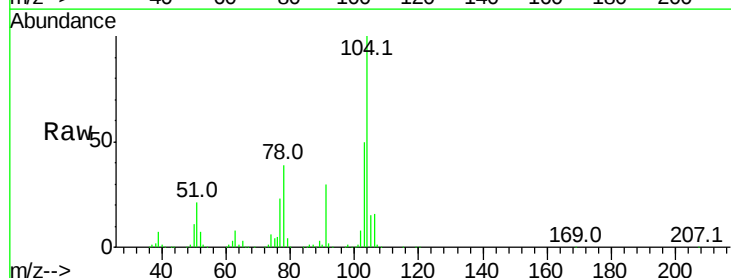
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

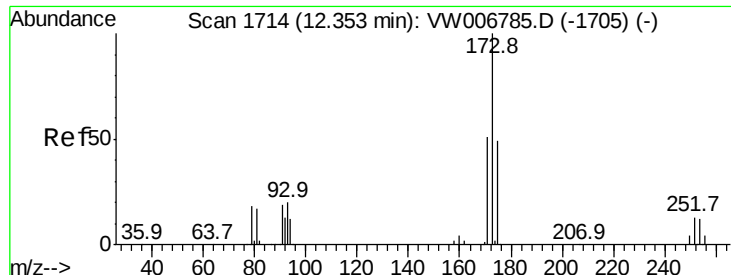
Tgt Ion:106 Resp: 110354
Ion Ratio Lower Upper
106 100
91 205.5 103.0 308.9



#70
Styrene
Concen: 20.906 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion:104 Resp: 180227
Ion Ratio Lower Upper
104 100
78 46.5 37.1 55.7
103 55.6 44.4 66.6





#71

Bromoform

Concen: 19.609 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

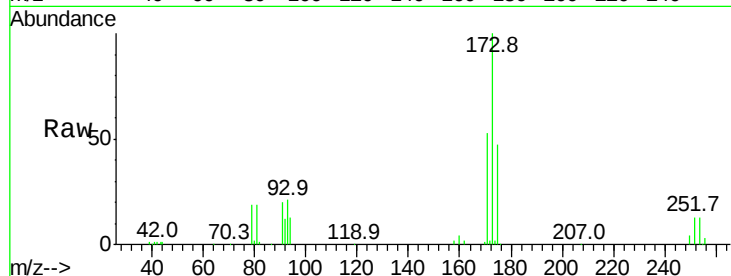
Tgt Ion:173 Resp: 30388

Ion Ratio Lower Upper

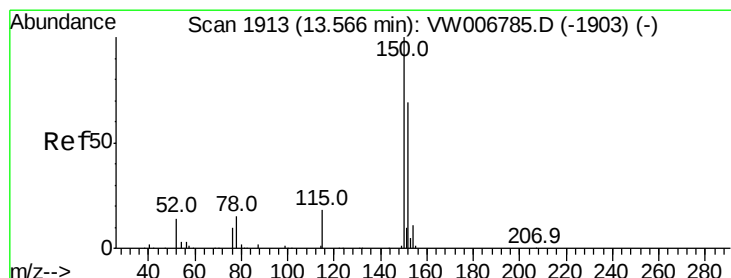
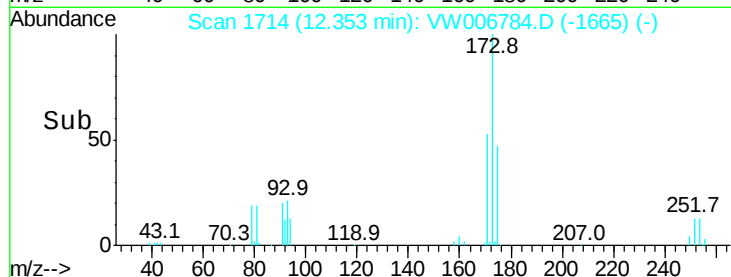
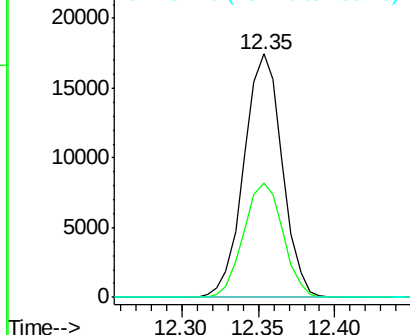
173 100

175 48.2 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: VW006784.D

Acq: 09 Nov 2018 13:07

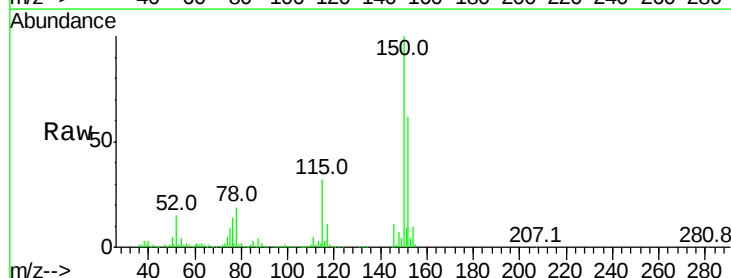
Tgt Ion:152 Resp: 225641

Ion Ratio Lower Upper

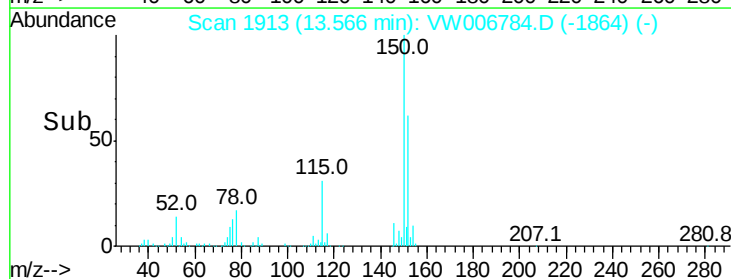
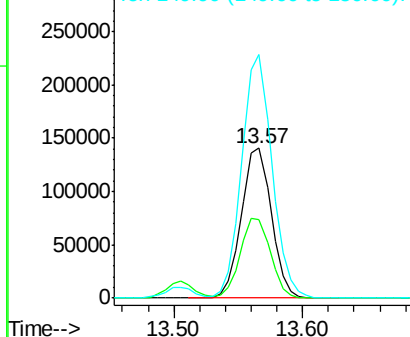
152 100

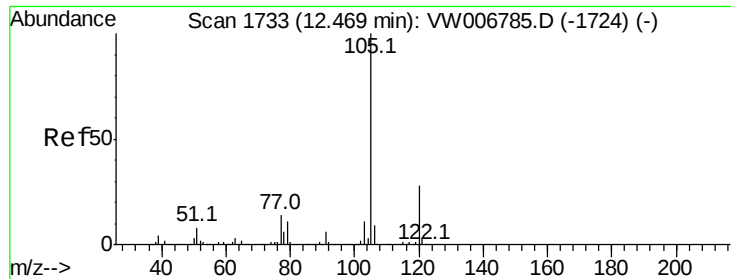
115 53.8 26.7 80.0

150 164.9 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: 20.122 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

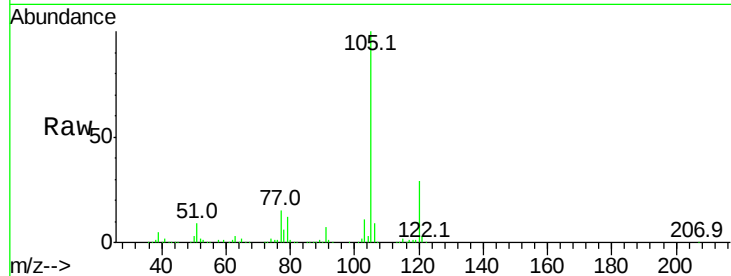
VSTDIC020

Tgt Ion:105 Resp: 299100

Ion Ratio Lower Upper

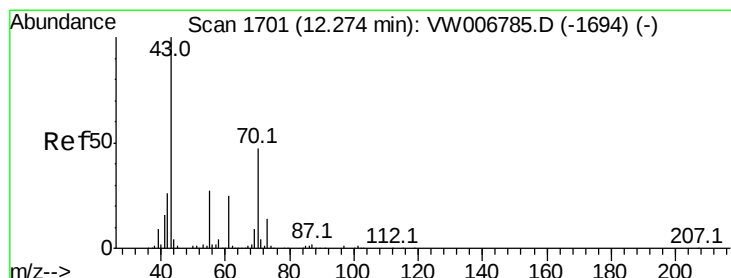
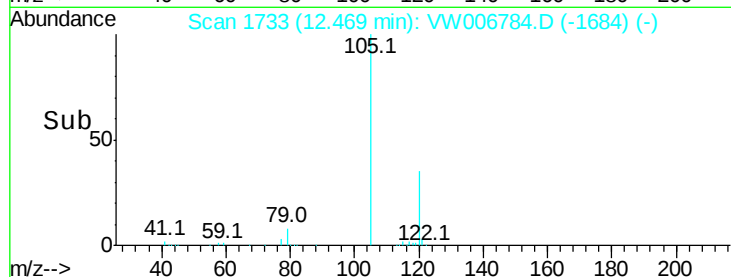
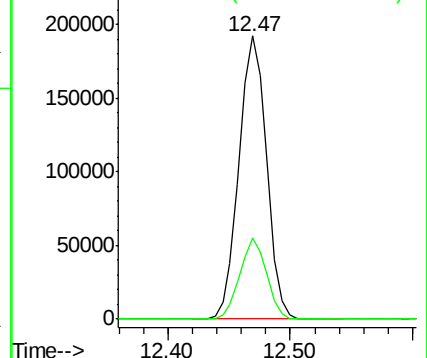
105 100

120 27.6 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: 18.515 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion: 43 Resp: 47556

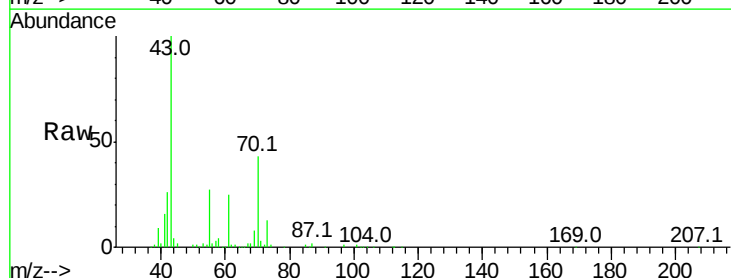
Ion Ratio Lower Upper

43 100

70 46.0 38.3 57.5

55 27.9 22.3 33.5

61 25.0 20.1 30.1

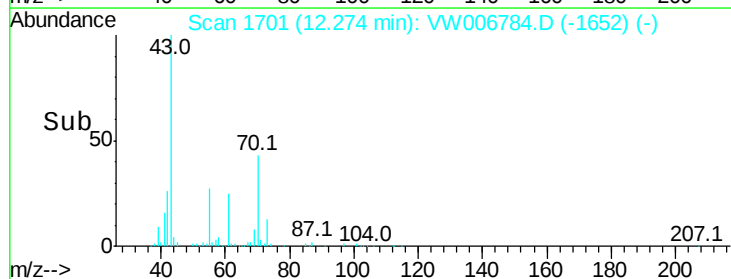
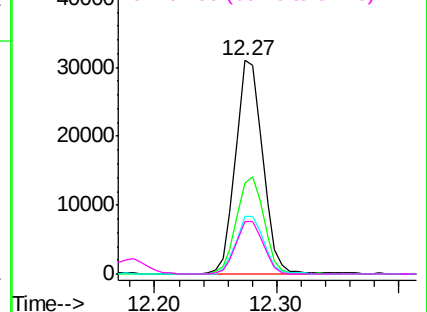


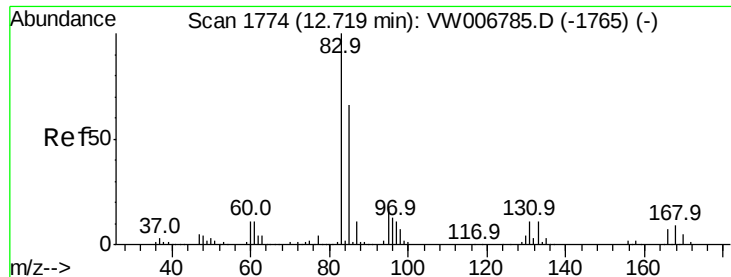
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 19.048 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

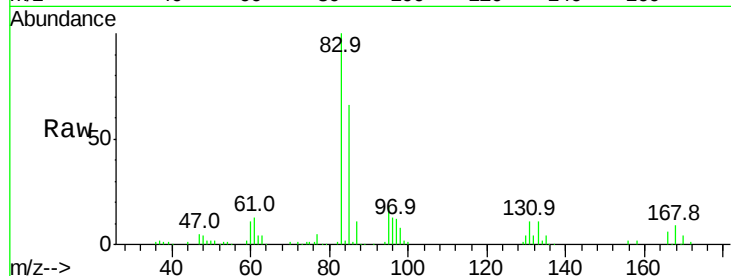
Tgt Ion: 83 Resp: 44718

Ion Ratio Lower Upper

83 100

131 11.9 6.0 18.0

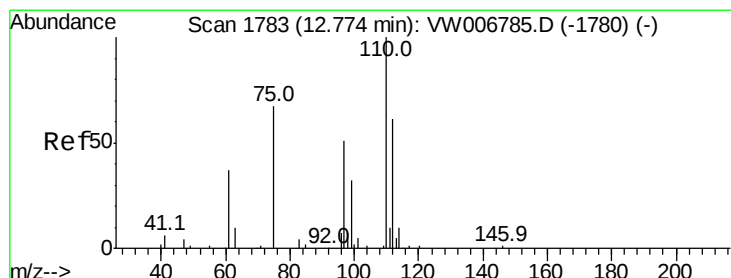
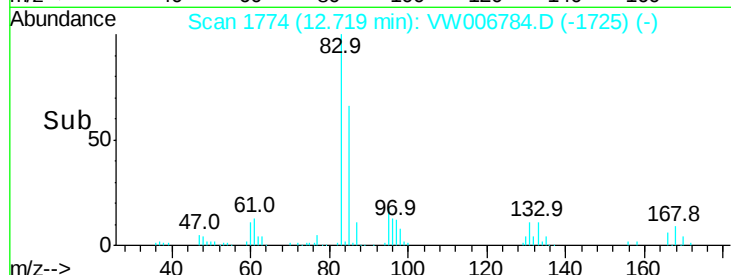
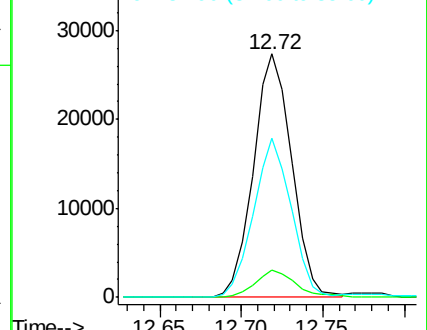
85 64.5 32.3 96.8



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: 32.435 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006784.D

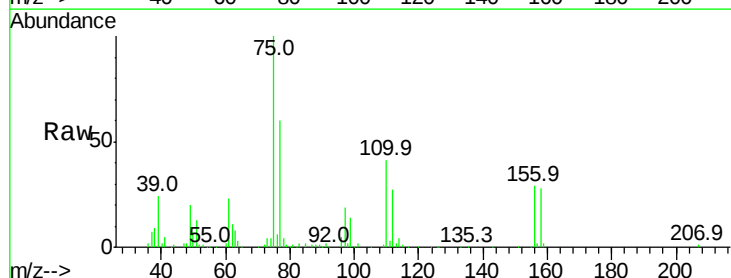
Acq: 09 Nov 2018 13:07

Tgt Ion: 75 Resp: 57103

Ion Ratio Lower Upper

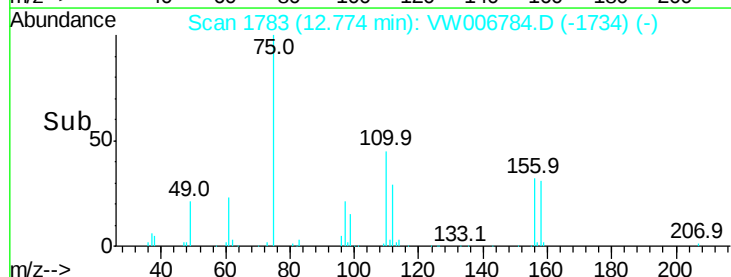
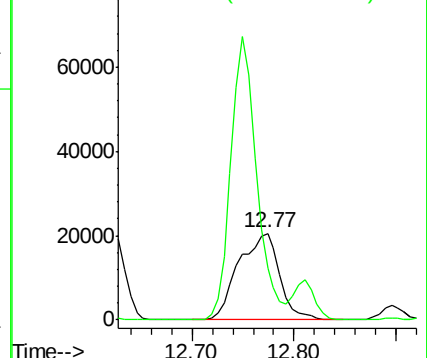
75 100

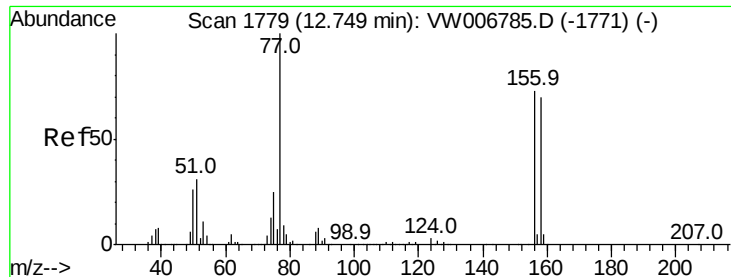
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

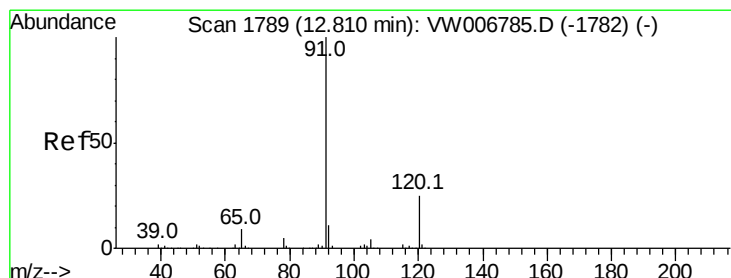
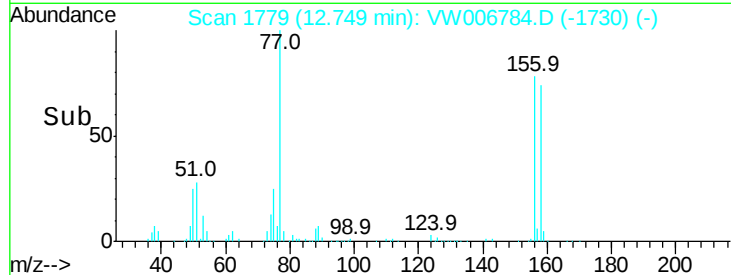
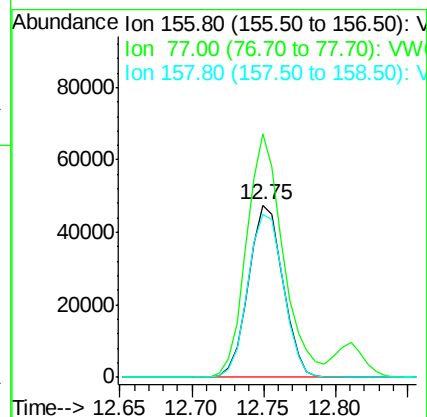
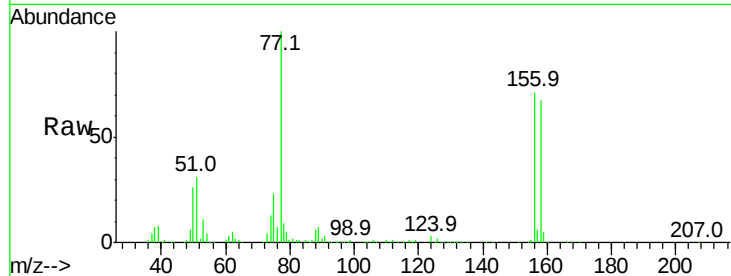




#77
Bromobenzene
Concen: 20.379 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

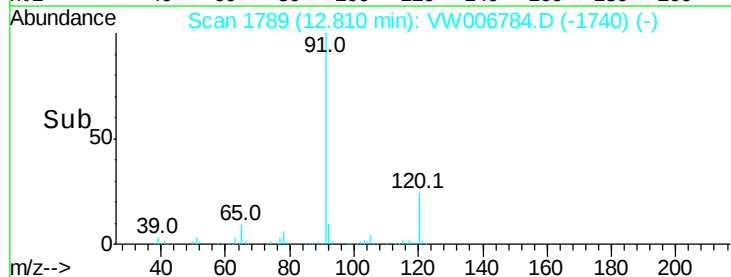
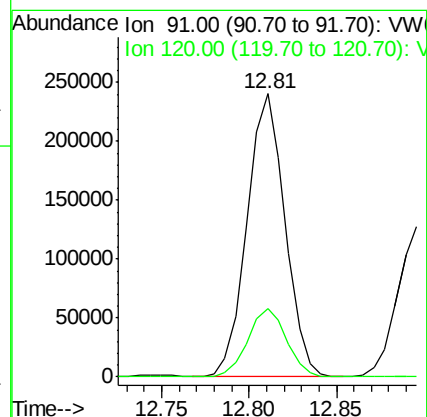
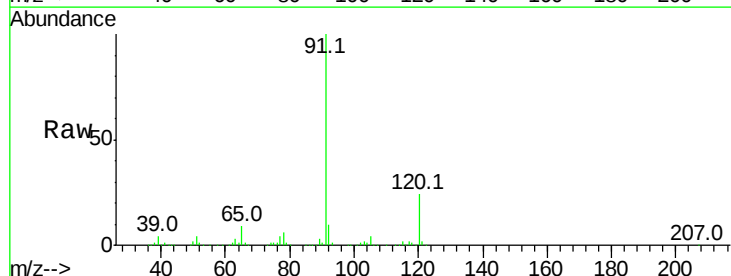
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

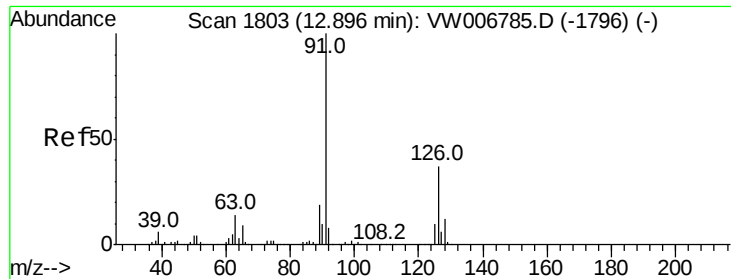
Tgt Ion:156 Resp: 78427
Ion Ratio Lower Upper
156 100
77 151.3 75.4 226.3
158 97.9 48.7 146.1



#78
n-propylbenzene
Concen: 21.128 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 91 Resp: 361222
Ion Ratio Lower Upper
91 100
120 24.6 12.4 37.0

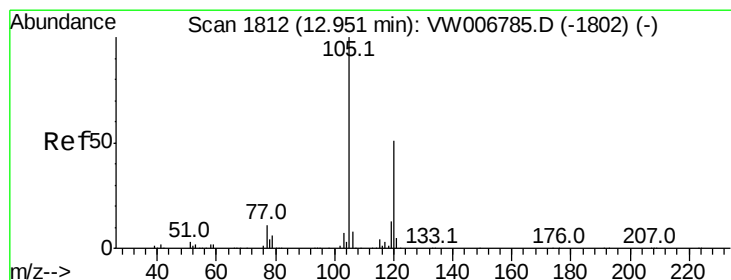
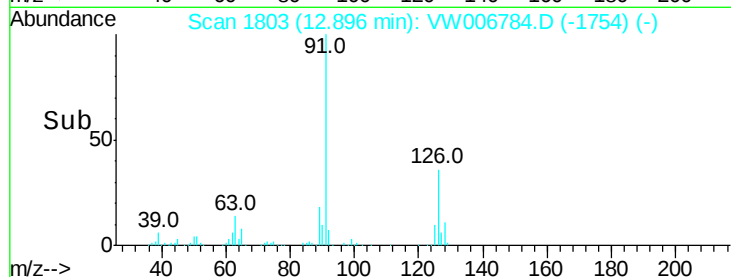
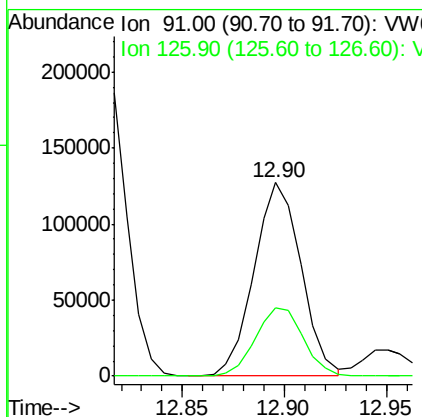
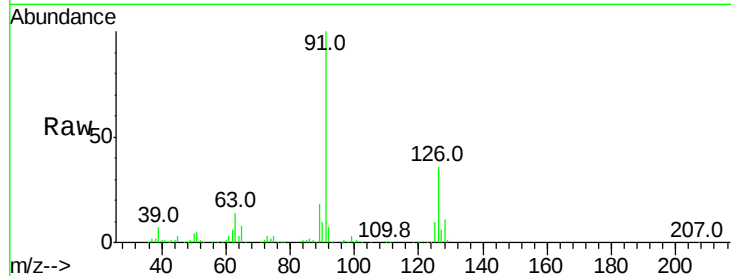




#79
 2-Chlorotoluene
 Concen: 20.734 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

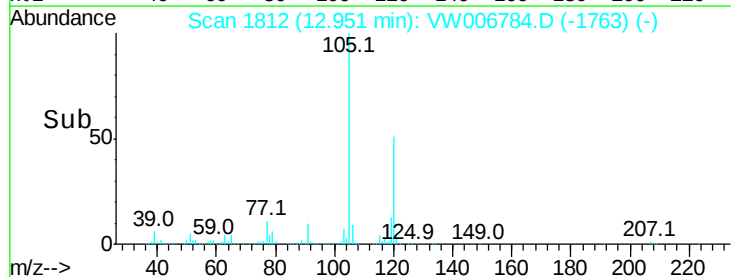
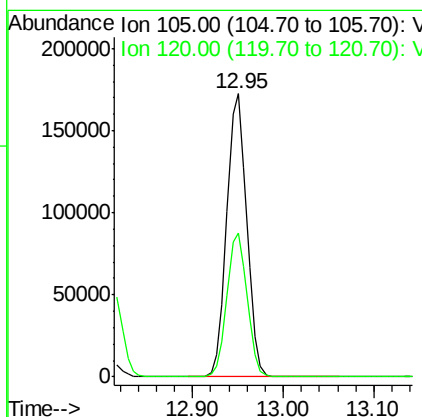
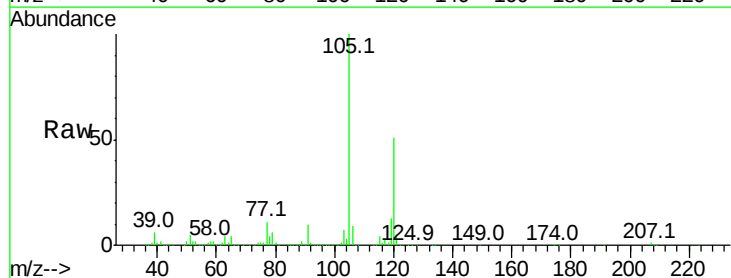
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

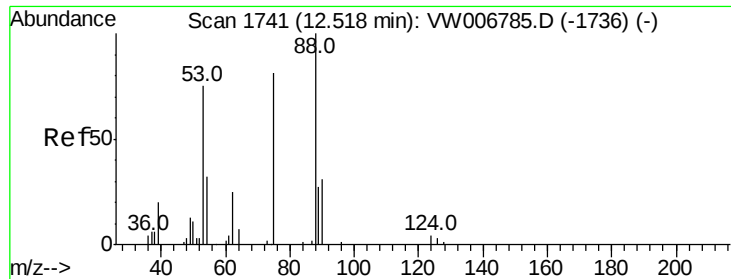
Tgt Ion: 91 Resp: 203445
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 21.203 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion: 105 Resp: 264780
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.4 76.0

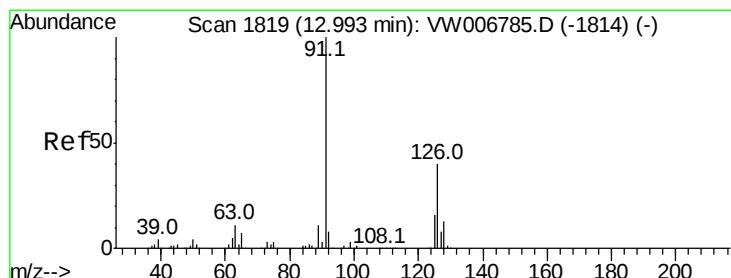
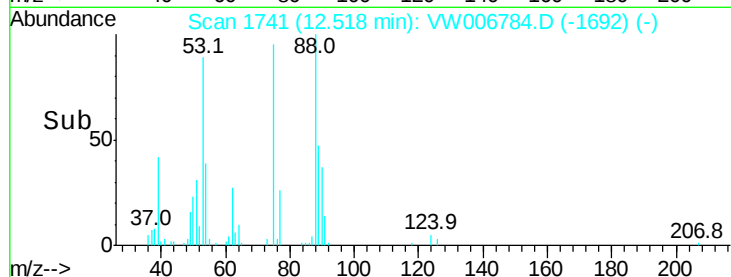
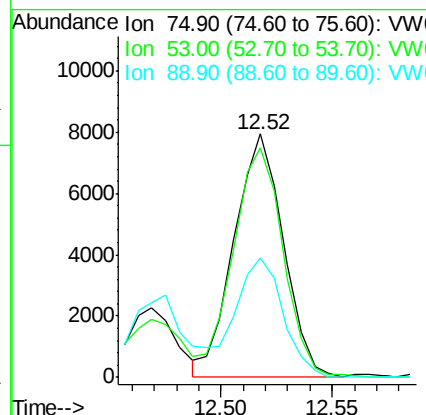
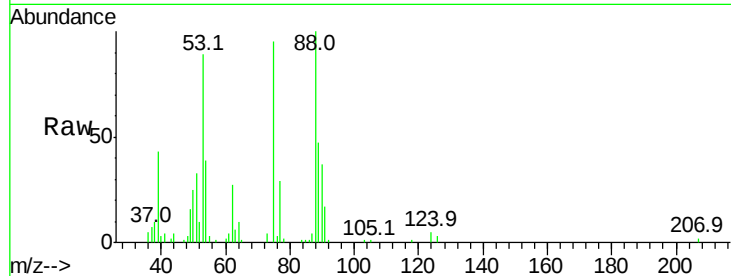




#81
trans-1,4-Dichloro-2-butene
Concen: 20.173 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

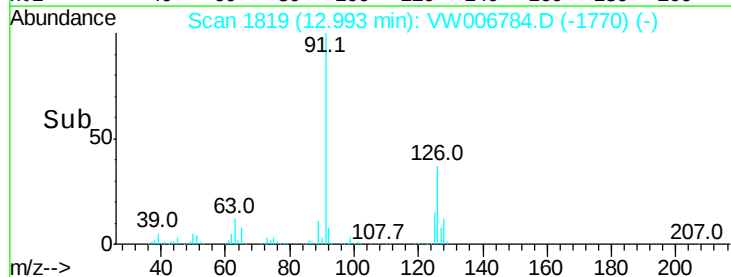
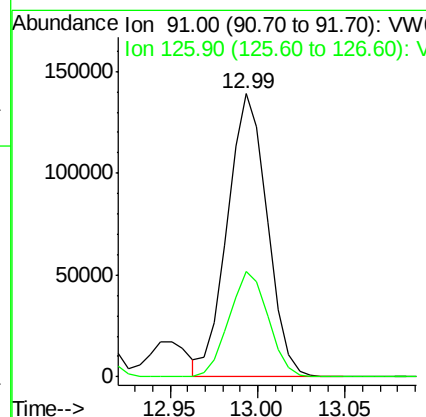
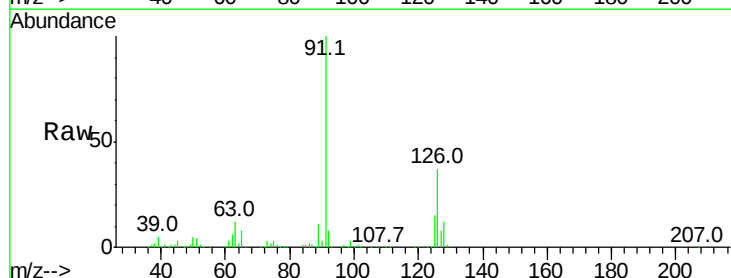
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

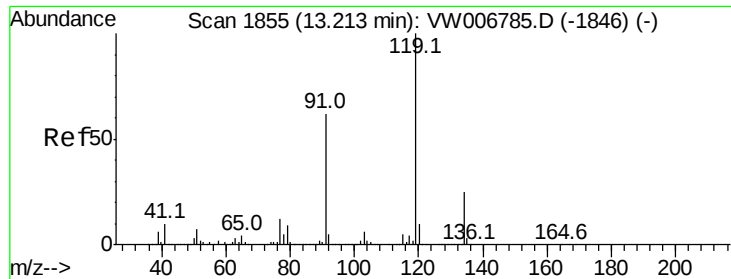
Tgt Ion: 75 Resp: 12230
Ion Ratio Lower Upper
75 100
53 96.2 74.0 111.0
89 47.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 21.031 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 91 Resp: 218318
Ion Ratio Lower Upper
91 100
126 37.0 18.6 55.6

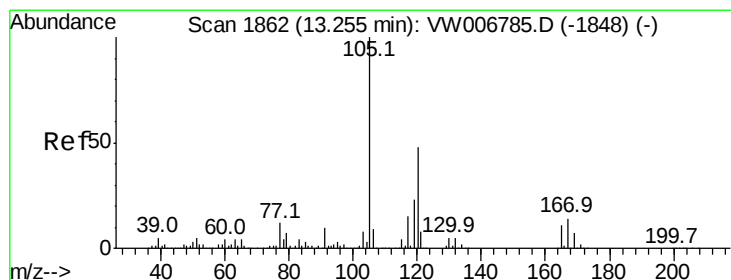
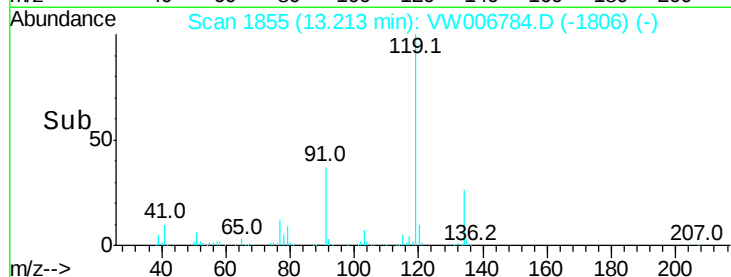
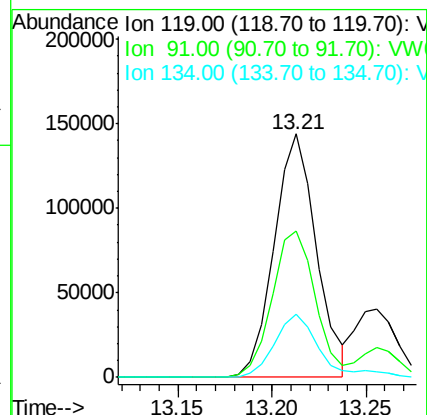
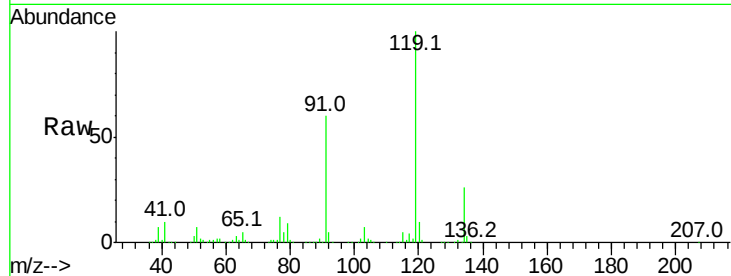




#83
 tert-Butylbenzene
 Concen: 20.103 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

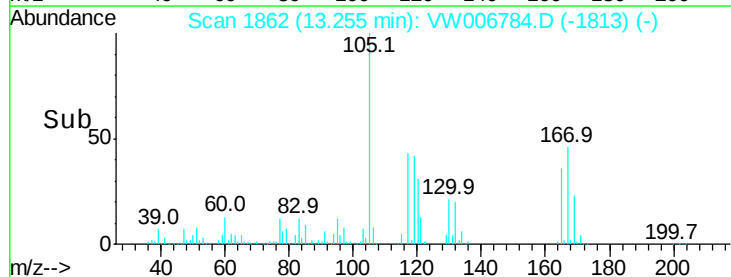
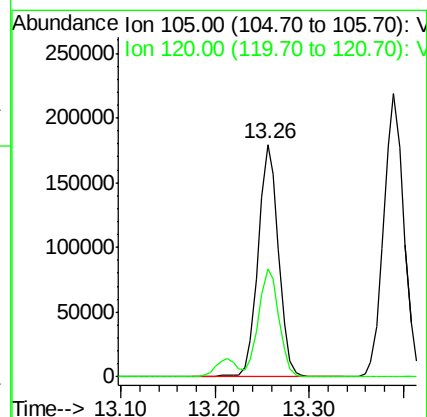
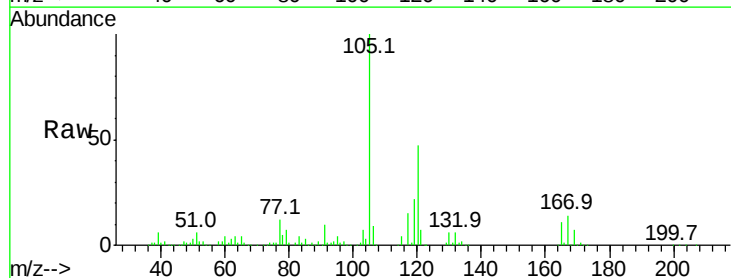
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

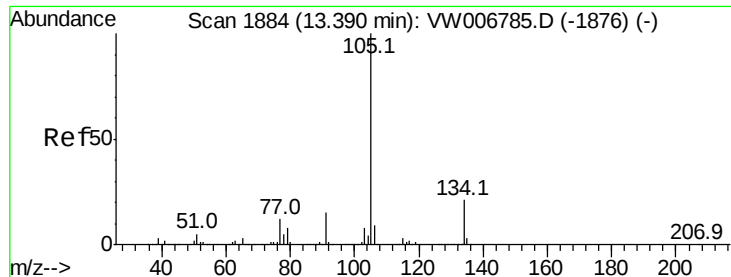
Tgt Ion:119 Resp: 223868
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.4 91.2
 134 27.7 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.421 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion:105 Resp: 274371
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.0

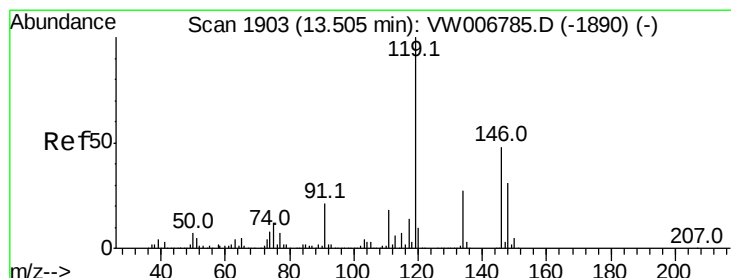
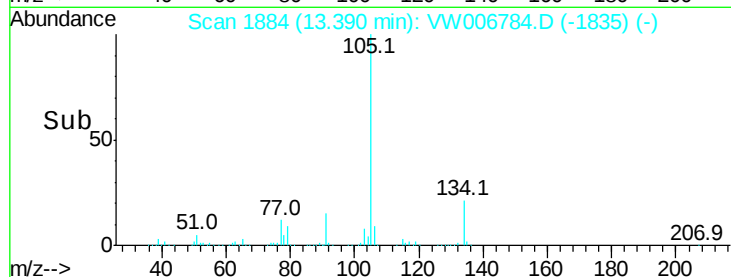
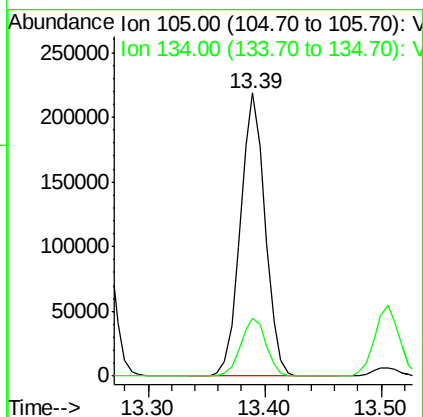
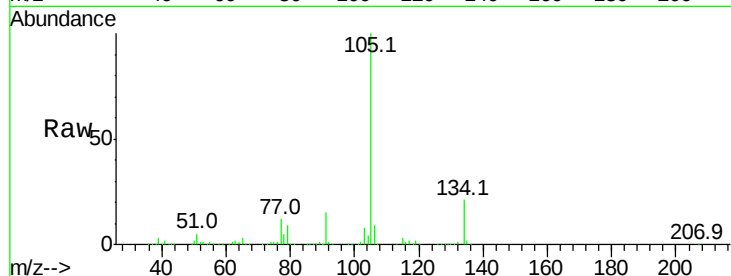




#85
 sec-Butylbenzene
 Concen: 20.760 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

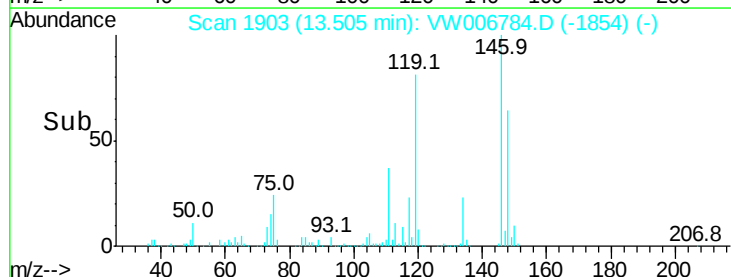
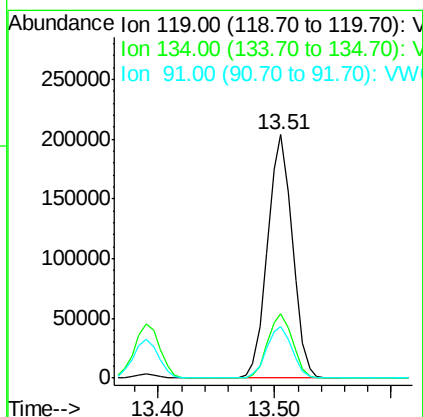
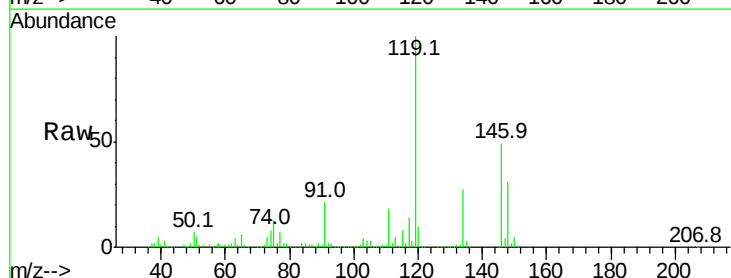
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

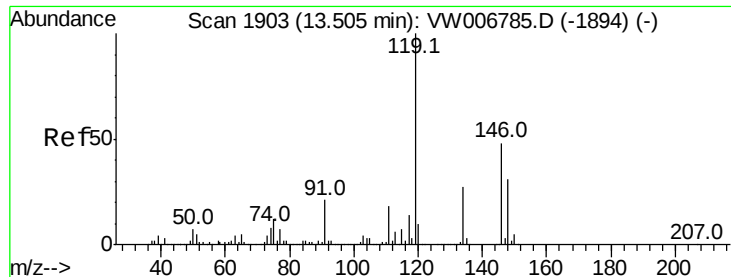
Tgt Ion:105 Resp: 323794
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 21.073 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion:119 Resp: 299060
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 21.8 10.8 32.4

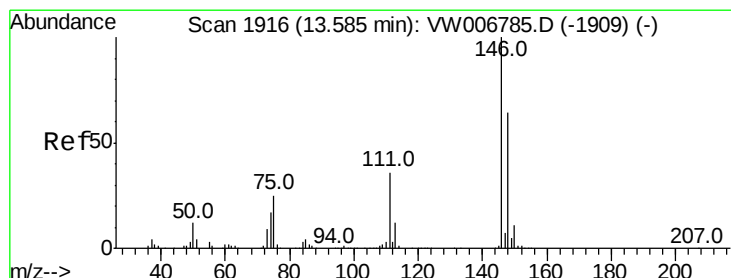
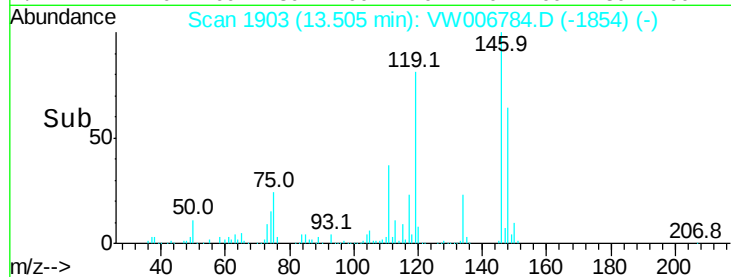
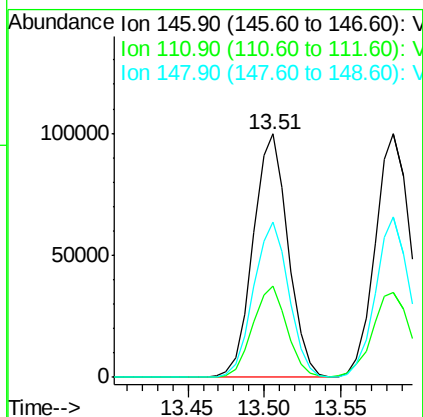
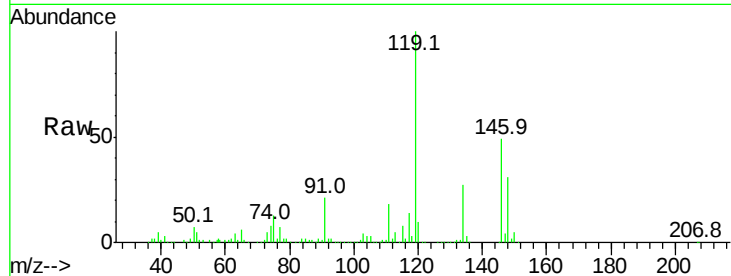




#87
 1,3-Dichlorobenzene
 Concen: 20.901 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

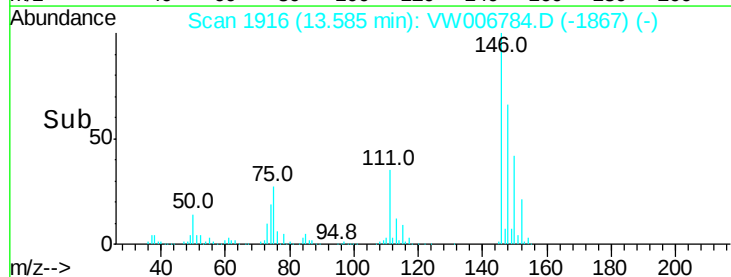
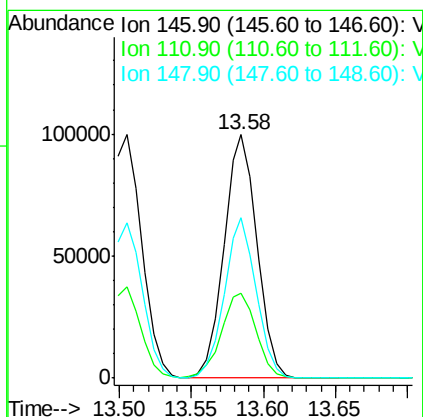
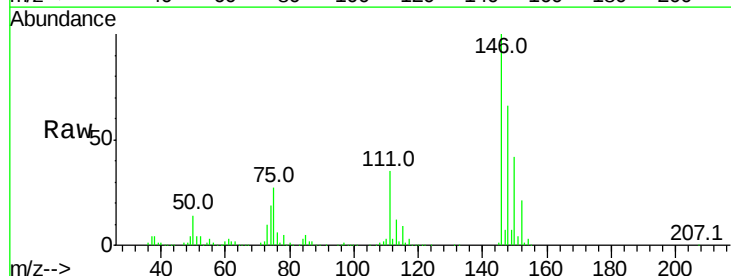
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

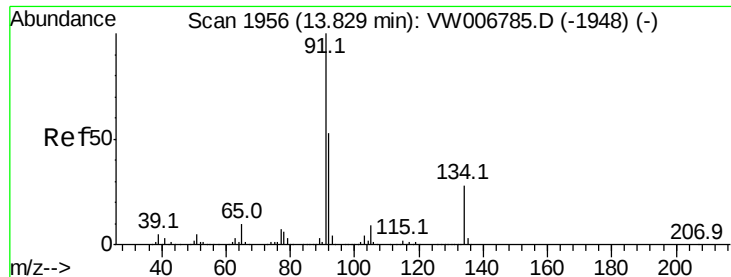
Tgt Ion:146 Resp: 158414
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.0
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.228 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion:146 Resp: 159482
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.1
 148 63.6 32.2 96.6





#89

n-Butylbenzene

Concen: 21.849 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

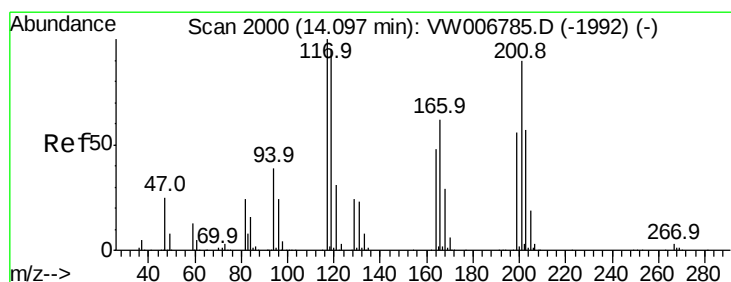
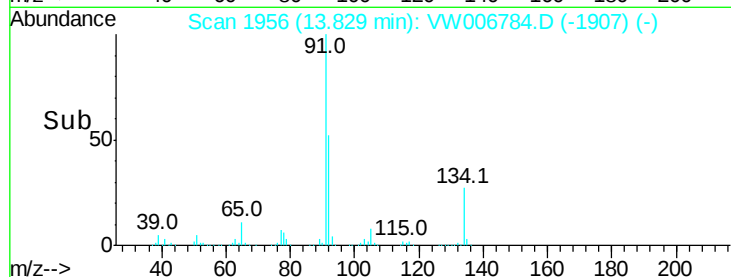
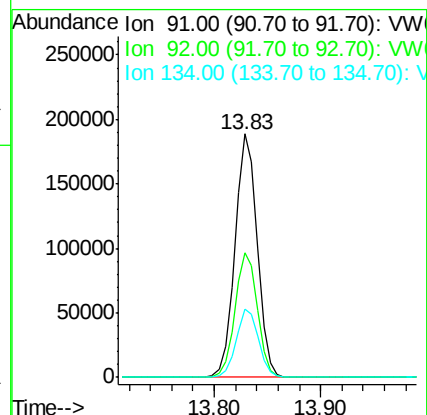
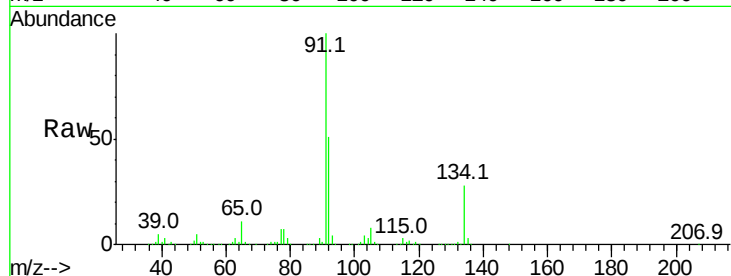
Tgt Ion: 91 Resp: 275259

Ion Ratio Lower Upper

91 100

92 51.6 26.1 78.2

134 28.0 14.2 42.8



#90

Hexachloroethane

Concen: 19.561 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006784.D

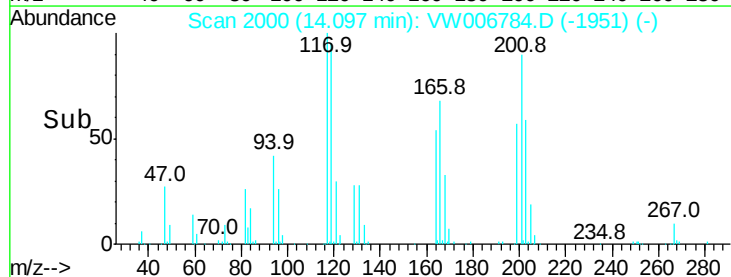
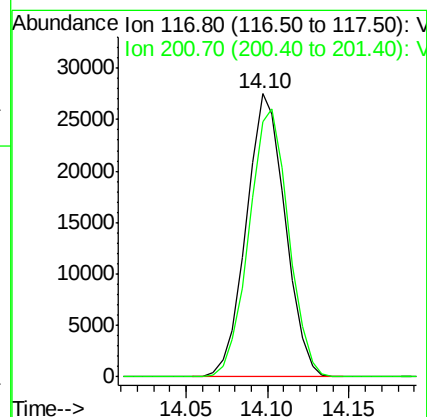
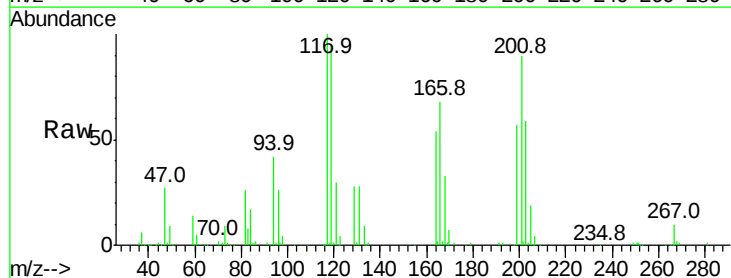
Acq: 09 Nov 2018 13:07

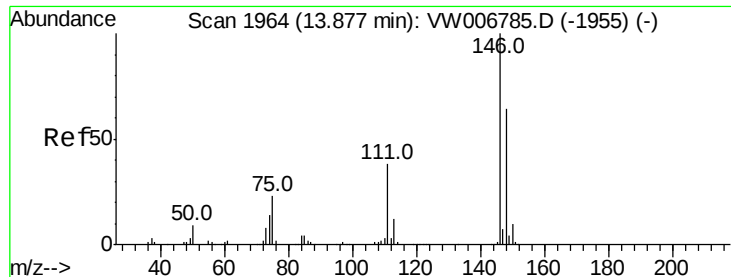
Tgt Ion: 117 Resp: 45627

Ion Ratio Lower Upper

117 100

201 95.8 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 20.705 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

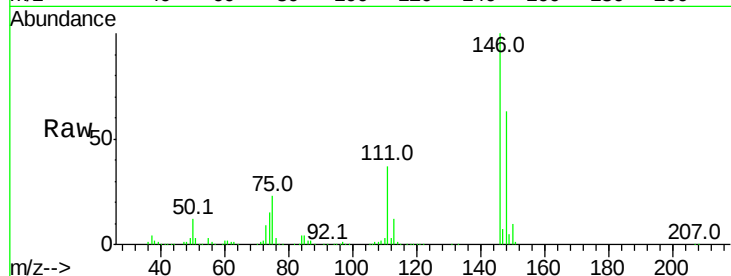
Tgt Ion:146 Resp: 141157

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.3

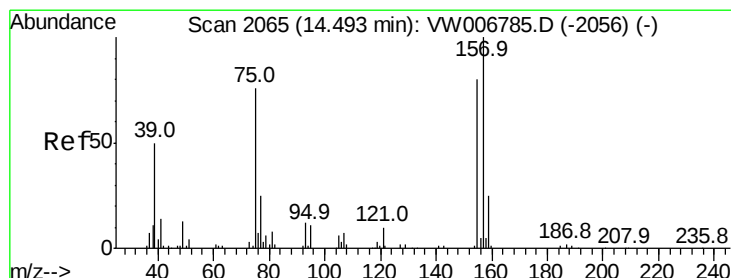
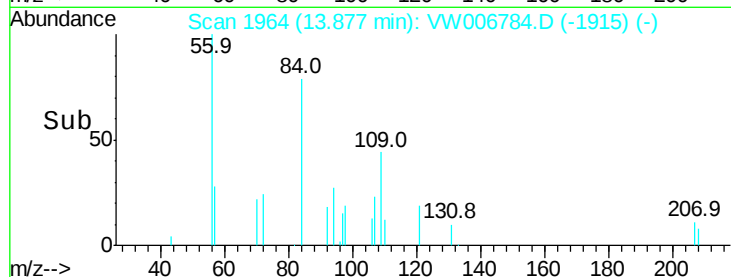
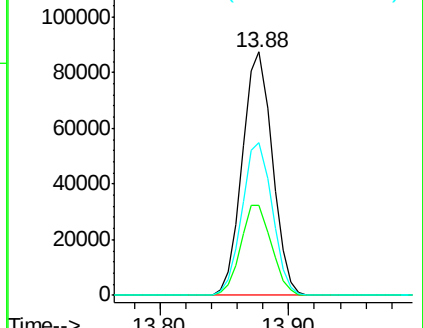
148 63.3 32.0 96.2



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: 18.297 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

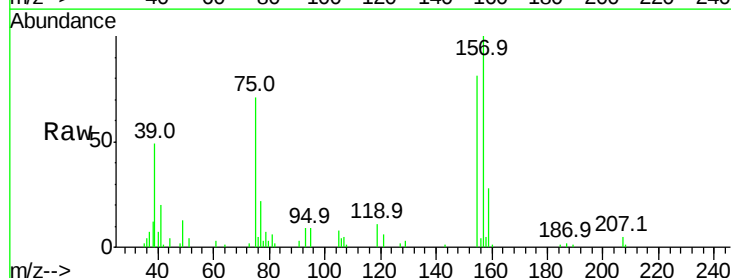
Tgt Ion: 75 Resp: 6970

Ion Ratio Lower Upper

75 100

155 99.7 51.0 153.1

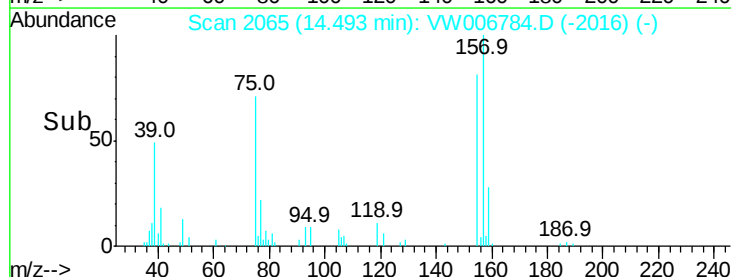
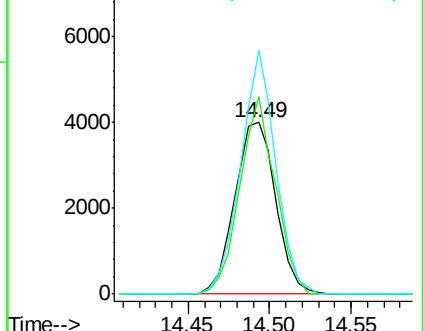
157 121.8 65.5 196.5

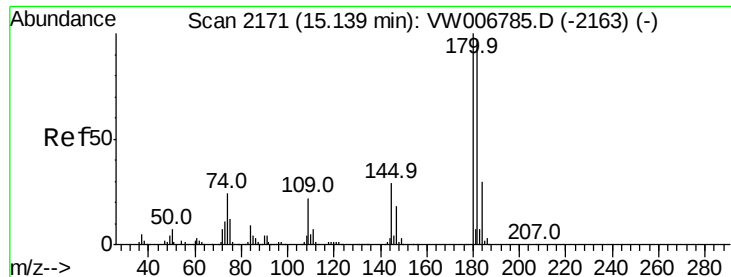


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

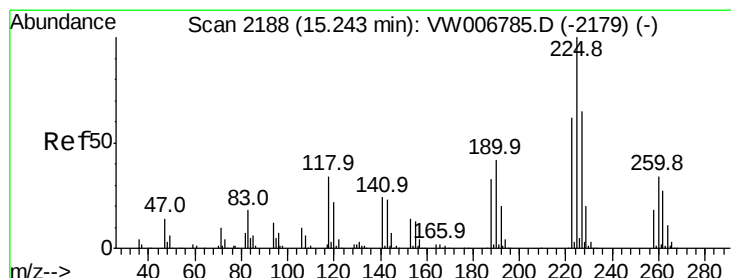
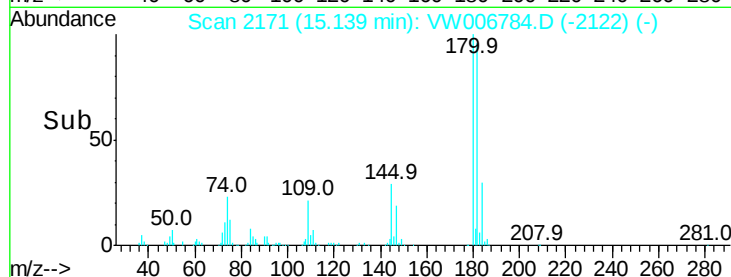
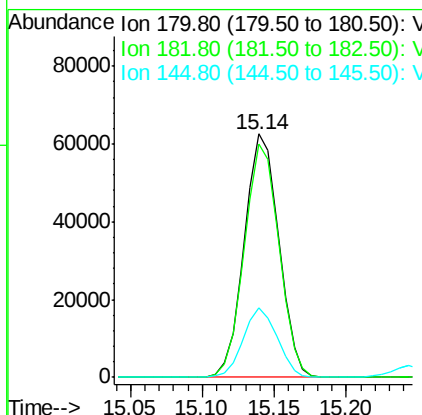
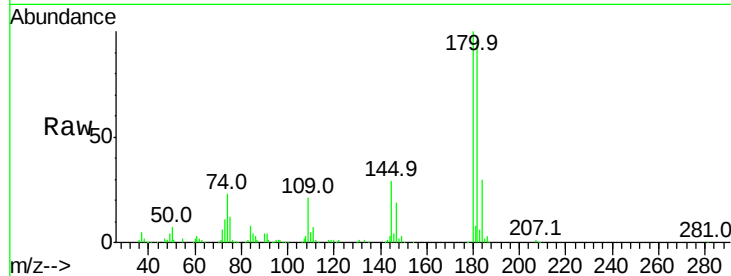




#93
 1,2,4-Trichlorobenzene
 Concen: 20.480 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

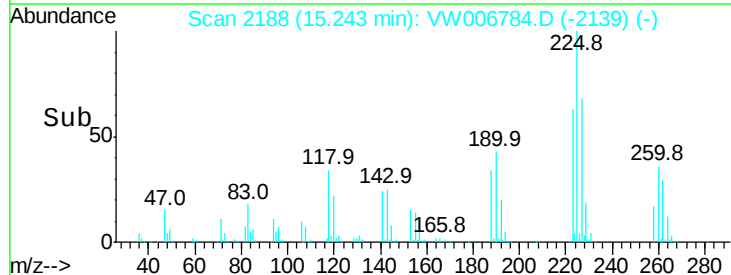
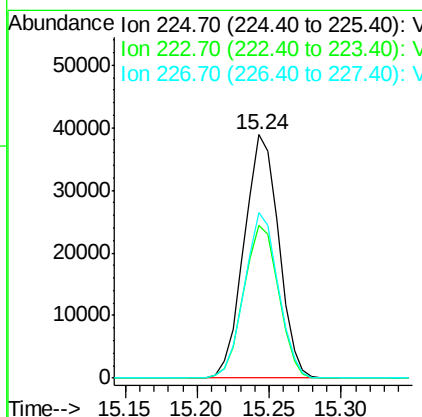
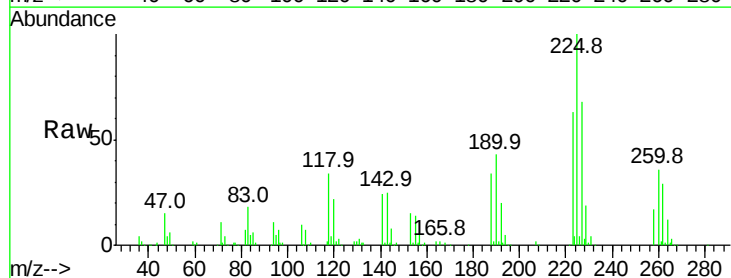
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

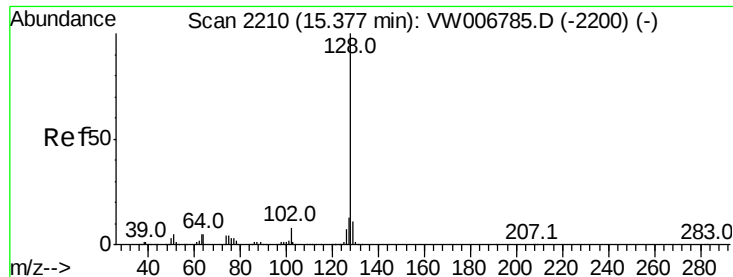
Tgt Ion:180 Resp: 103820
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.9 143.8
 145 28.3 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 20.445 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion:225 Resp: 64595
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.9 92.5
 227 66.2 31.9 95.7

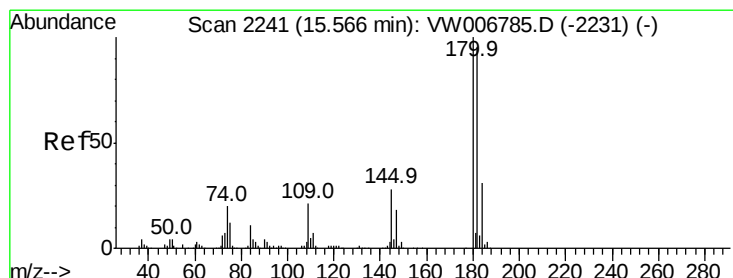
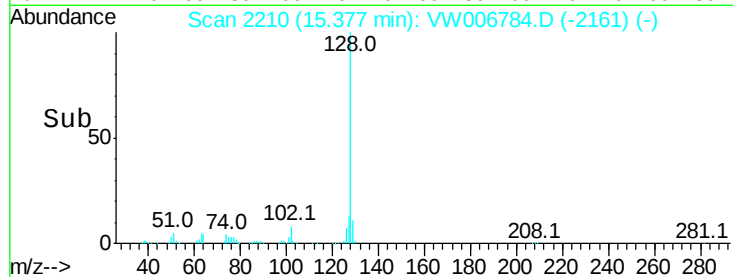
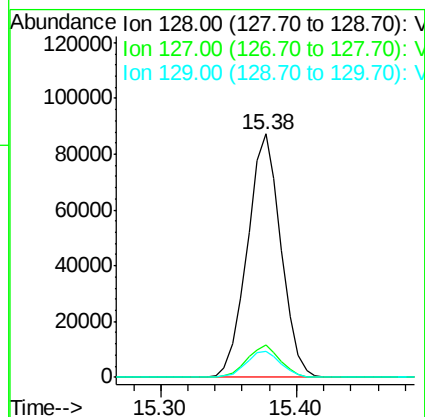
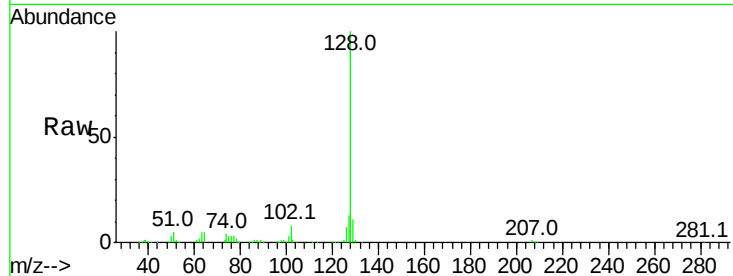




#95
Naphthalene
Concen: 18.518 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

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: 19.891 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	29.3	14.5	43.6

