

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080419\
 Data File : VW011683.D
 Acq On : 04 Aug 2019 00:47
 Operator : SY/VA
 Sample : VW0804SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

Quant Time: Aug 04 02:43:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151487	58.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.80%	
35) Dibromofluoromethane	7.88	113	119834	56.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.22%	
50) Toluene-d8	10.32	98	491606	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
62) 4-Bromofluorobenzene	12.62	95	172874	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	31322	24.877 ug/l	93
3) Chloromethane	2.21	50	47097	21.572 ug/l	100
4) Vinyl Chloride	2.35	62	55566	21.140 ug/l	98
5) Bromomethane	2.76	94	28873	19.846 ug/l	95
6) Chloroethane	2.91	64	30686	20.438 ug/l	99
7) Trichlorofluoromethane	3.25	101	21723	18.492 ug/l	96
8) Diethyl Ether	3.68	74	27849	20.910 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45291	20.325 ug/l	99
10) Methyl Iodide	4.27	142	64897	20.608 ug/l	98
11) Tert butyl alcohol	5.17	59	22250	105.946 ug/l	99
12) 1,1-Dichloroethene	4.03	96	48447	20.591 ug/l	94
13) Acrolein	3.89	56	11825	63.529 ug/l	99
14) Allyl chloride	4.66	41	101774	20.338 ug/l	99
15) Acrylonitrile	5.36	53	70397	105.882 ug/l	99
16) Acetone	4.12	43	64581	78.262 ug/l	100
17) Carbon Disulfide	4.38	76	147878	20.081 ug/l	100
18) Methyl Acetate	4.67	43	55092	29.719 ug/l	99
19) Methyl tert-butyl Ether	5.42	73	80270	21.499 ug/l	95
20) Methylene Chloride	4.92	84	59101	20.767 ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	53530	21.103 ug/l	97
22) Diisopropyl ether	6.31	45	201645	21.373 ug/l	99
23) Vinyl Acetate	6.25	43	554262	93.493 ug/l	100
24) 1,1-Dichloroethane	6.21	63	109148	21.601 ug/l	99
25) 2-Butanone	7.17	43	101429	93.935 ug/l	100
26) 2,2-Dichloropropane	7.17	77	54839	17.647 ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	57647	20.649 ug/l	96
28) Bromochloromethane	7.51	49	50638	22.578 ug/l	99
29) Tetrahydrofuran	7.53	42	66254	107.344 ug/l	99
30) Chloroform	7.68	83	100995	21.665 ug/l	95
31) Cyclohexane	7.95	56	97895	20.183 ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	76882	21.656 ug/l	99
36) 1,1-Dichloropropene	8.08	75	79750	20.148 ug/l	99
37) Ethyl Acetate	7.25	43	45192	19.844 ug/l #	97
38) Carbon Tetrachloride	8.07	117	68547	20.229 ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080419\
 Data File : VW011683.D
 Acq On : 04 Aug 2019 00:47
 Operator : SY/VA
 Sample : VW0804SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

Quant Time: Aug 04 02:43:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	84216	19.322	ug/l	99
40) Benzene	8.32	78	230813	20.818	ug/l	99
41) Methacrylonitrile	7.48	41	27356	20.095	ug/l	98
42) 1,2-Dichloroethane	8.40	62	71911	20.716	ug/l	100
43) Isopropyl Acetate	8.42	43	82606	19.724	ug/l	99
44) Trichloroethene	9.09	130	54078	20.293	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61710	20.801	ug/l	98
46) Dibromomethane	9.46	93	28329	20.922	ug/l	97
47) Bromodichloromethane	9.64	83	72895	20.523	ug/l	99
48) Methyl methacrylate	9.43	41	41867	20.810	ug/l	99
49) 1,4-Dioxane	9.45	88	8602	438.756	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	222678	102.218	ug/l	99
52) Toluene	10.39	92	138833	20.735	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	70432	18.983	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	85215	19.317	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	39589	20.607	ug/l	98
56) Ethyl methacrylate	10.65	69	56735	20.181	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74227	20.422	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	143133	112.136	ug/l	99
59) 2-Hexanone	10.97	43	147251	95.733	ug/l	100
60) Dibromochloromethane	11.13	129	43156	20.237	ug/l	100
61) 1,2-Dibromoethane	11.23	107	37525	20.640	ug/l	100
64) Tetrachloroethene	10.86	164	47904	22.102	ug/l	97
65) Chlorobenzene	11.66	112	137752	20.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48194	20.674	ug/l	99
67) Ethyl Benzene	11.73	91	262898	20.626	ug/l	97
68) m/p-Xylenes	11.84	106	188979	40.770	ug/l	99
69) o-Xylene	12.16	106	87246	20.255	ug/l	97
70) Styrene	12.18	104	152387	20.461	ug/l	99
71) Bromoform	12.35	173	23281	19.588	ug/l #	95
73) Isopropylbenzene	12.46	105	242117	20.548	ug/l	100
74) N-amyl acetate	12.27	43	67595	18.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46799	21.115	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	60124	35.975	ug/l #	100
77) Bromobenzene	12.74	156	55152	21.176	ug/l	98
78) n-propylbenzene	12.80	91	296551	20.680	ug/l	99
79) 2-Chlorotoluene	12.89	91	173309	20.978	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	205354	20.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13607	18.764	ug/l	97
82) 4-Chlorotoluene	12.99	91	182358	21.038	ug/l	100
83) tert-Butylbenzene	13.21	119	170660	20.661	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	205593	20.663	ug/l	100
85) sec-Butylbenzene	13.38	105	239164	20.293	ug/l	100
86) p-Isopropyltoluene	13.50	119	213393	19.956	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104791	20.520	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102229	20.124	ug/l	98
89) n-Butylbenzene	13.82	91	203073	19.030	ug/l	99
90) Hexachloroethane	14.09	117	37629	19.900	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	93047	20.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7839	20.740	ug/l	93

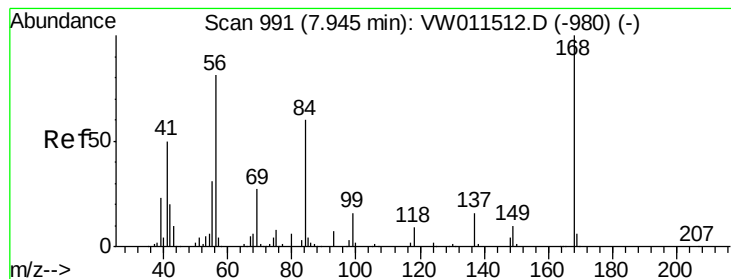
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080419\
Data File : VW011683.D
Acq On : 04 Aug 2019 00:47
Operator : SY/VA
Sample : VW0804SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

Quant Time: Aug 04 02:43:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	58061	18.240	ug/l	98
94) Hexachlorobutadiene	15.24	225	36301	18.287	ug/l	99
95) Naphthalene	15.36	128	108564	18.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	52892	18.956	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

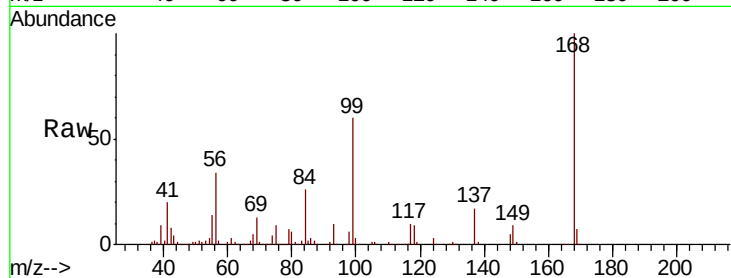
VW0804SBSD02

Tgt Ion:168 Resp: 225915

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

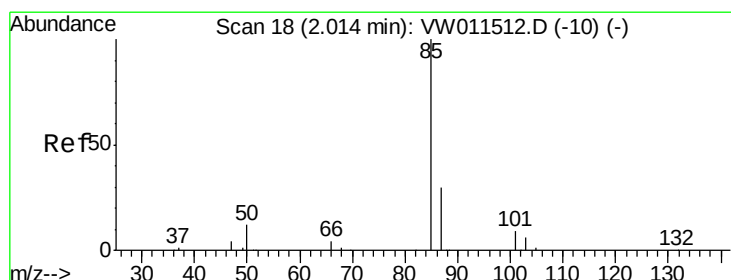
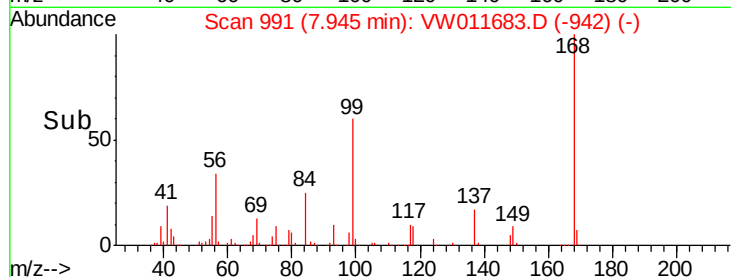
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.877 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011683.D

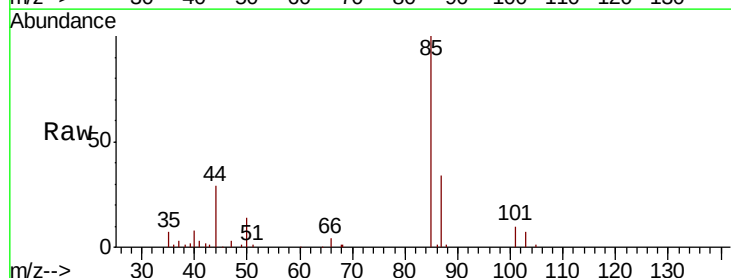
Acq: 04 Aug 2019 00:47

Tgt Ion: 85 Resp: 31322

Ion Ratio Lower Upper

85 100

87 34.4 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

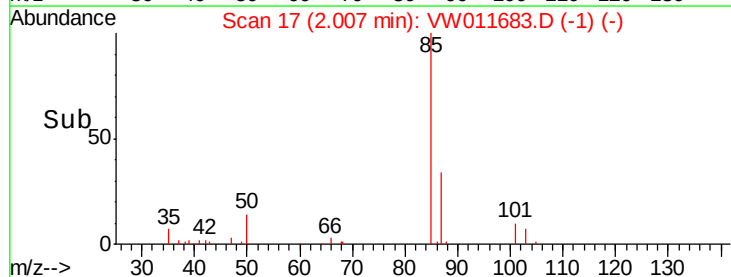
6000

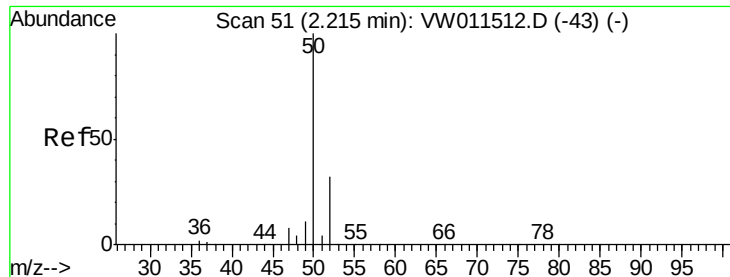
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.572 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

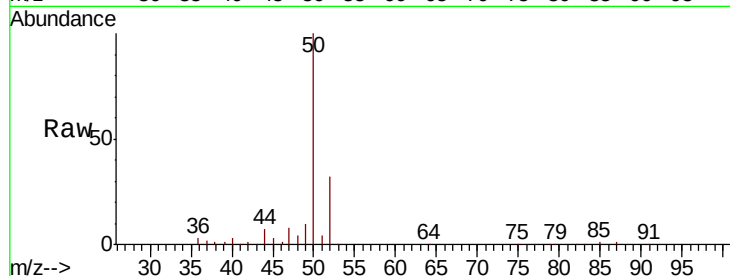
VW0804SBSD02

Tgt Ion: 50 Resp: 47097

Ion Ratio Lower Upper

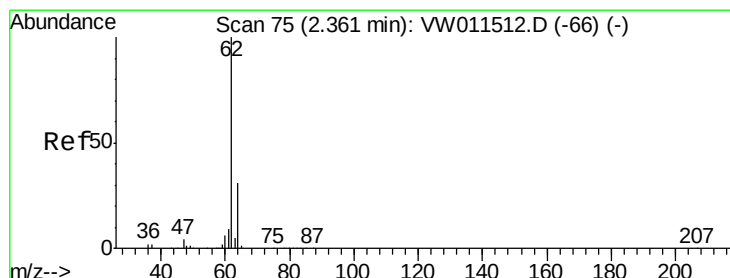
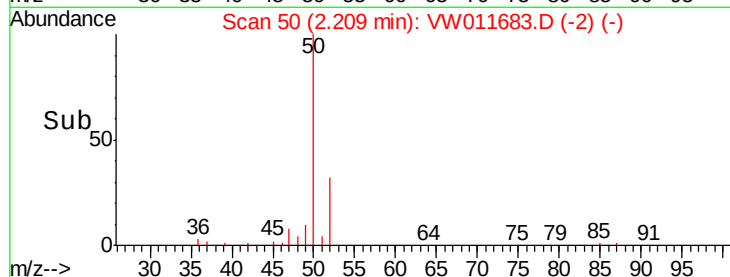
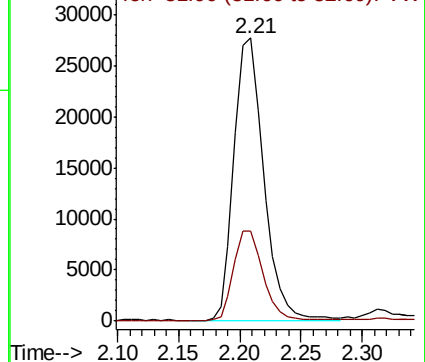
50 100

52 31.5 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.140 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011683.D

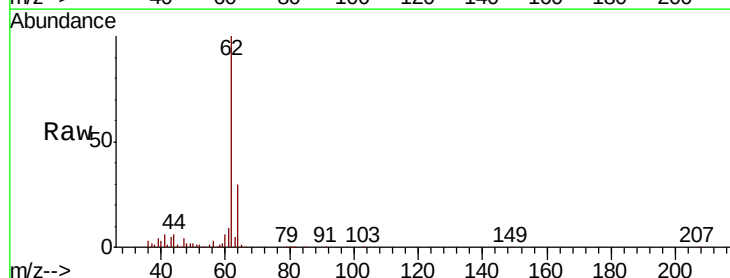
Acq: 04 Aug 2019 00:47

Tgt Ion: 62 Resp: 55566

Ion Ratio Lower Upper

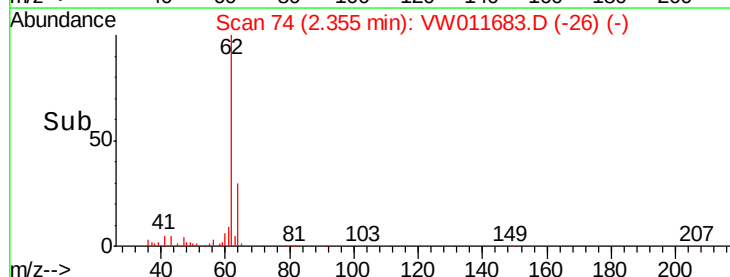
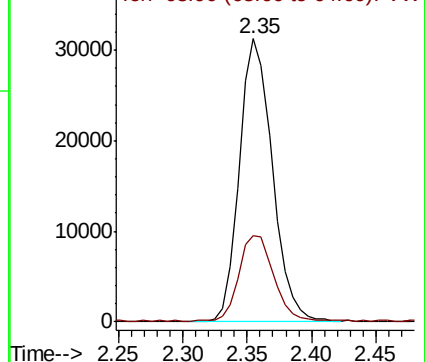
62 100

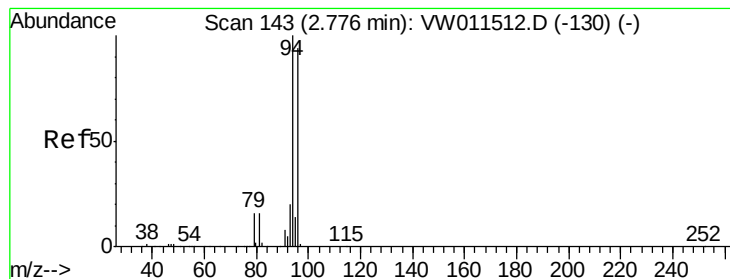
64 30.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.846 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

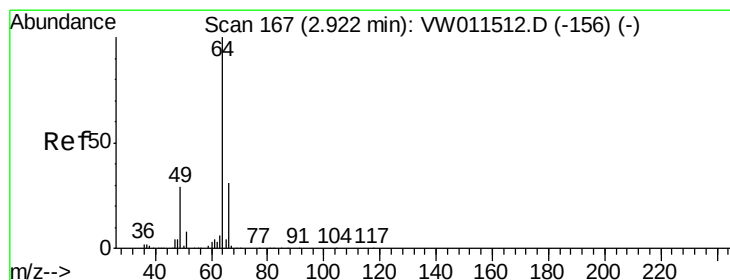
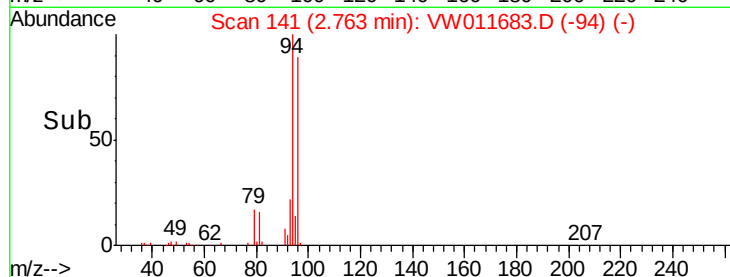
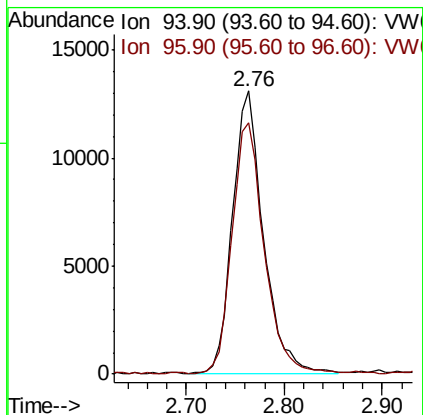
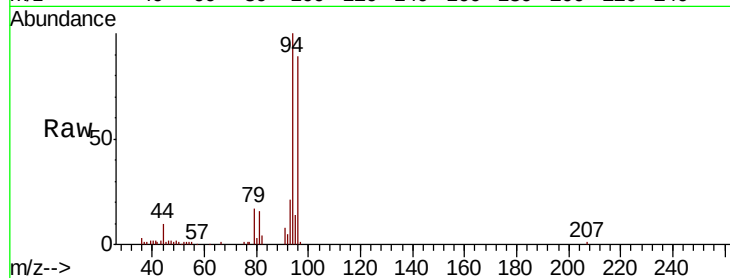
VW0804SBSD02

Tgt Ion: 94 Resp: 28873

Ion Ratio Lower Upper

94 100

96 88.9 75.0 112.6



#6

Chloroethane

Concen: 20.438 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011683.D

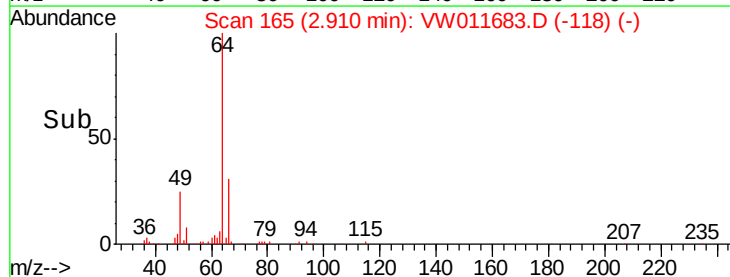
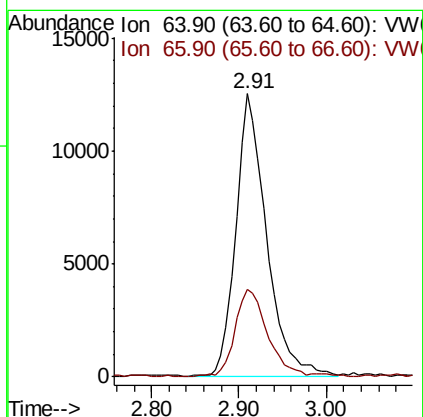
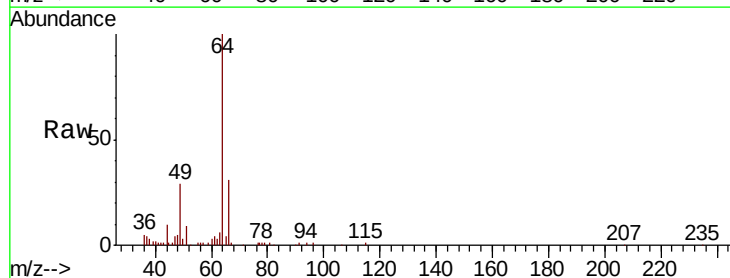
Acq: 04 Aug 2019 00:47

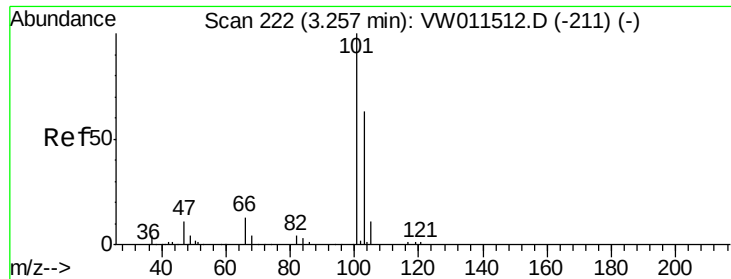
Tgt Ion: 64 Resp: 30686

Ion Ratio Lower Upper

64 100

66 31.1 24.6 36.8



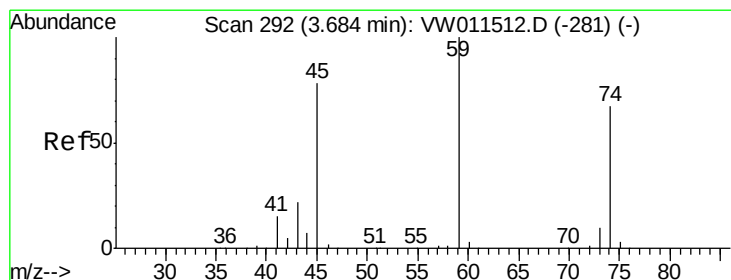
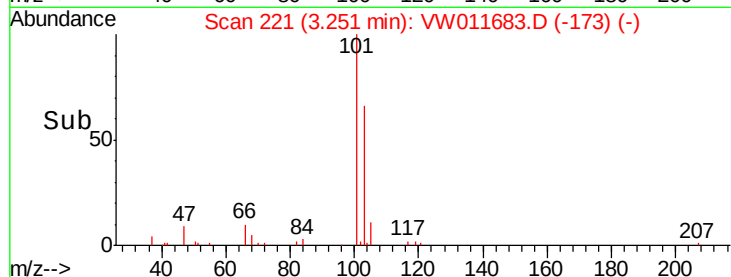
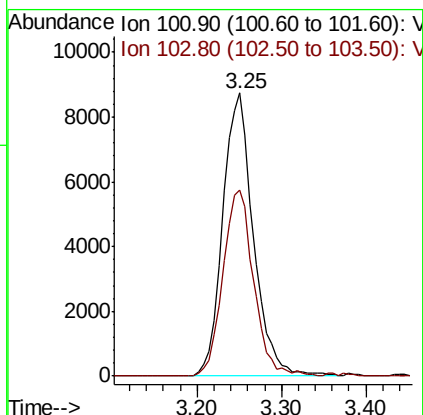
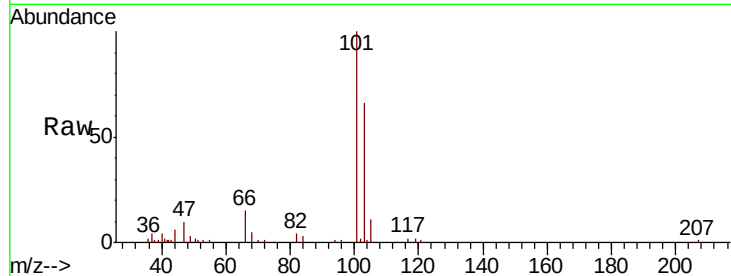


#7

Trichlorofluoromethane
 Concen: 18.492 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

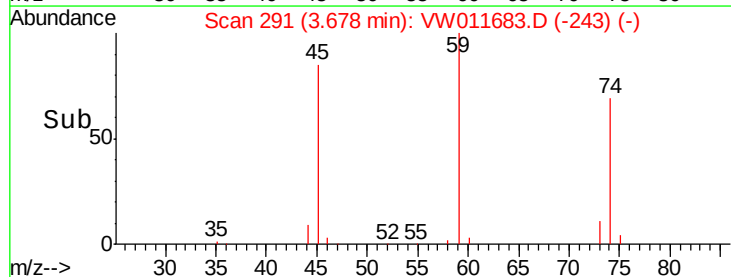
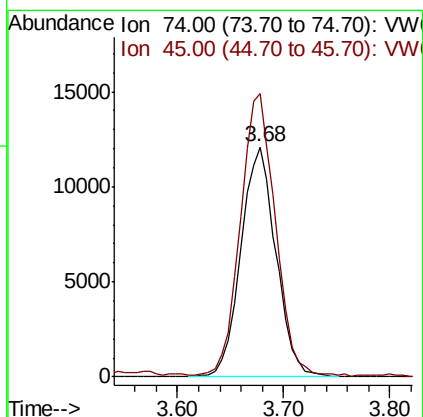
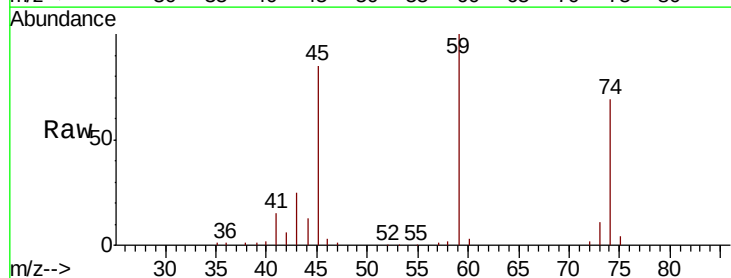
Tgt Ion:101 Resp: 21723
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.2 75.4

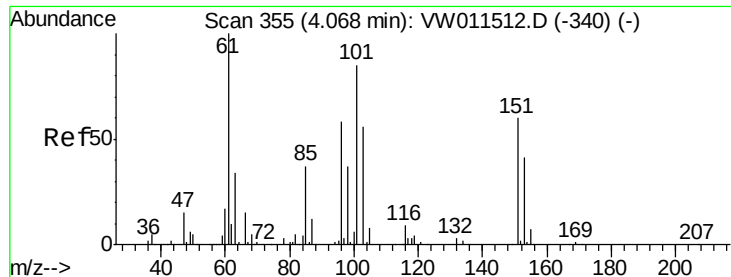


#8

Diethyl Ether
 Concen: 20.910 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 74 Resp: 27849
 Ion Ratio Lower Upper
 74 100
 45 124.5 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.325 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

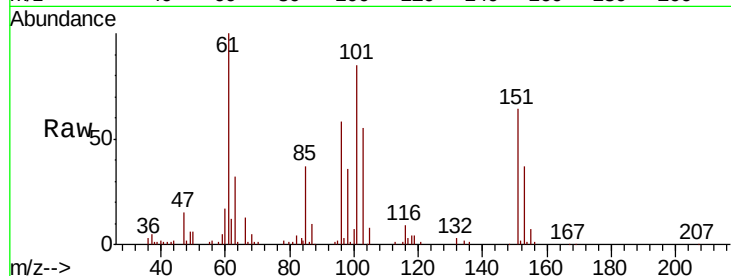
Tgt Ion:101 Resp: 45291

Ion Ratio Lower Upper

101 100

85 46.8 36.6 54.8

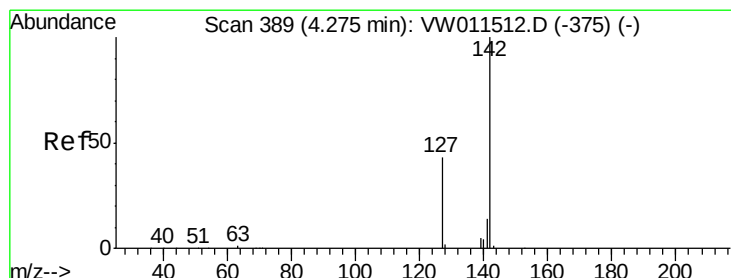
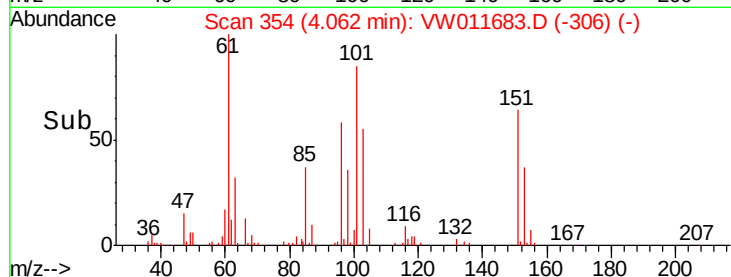
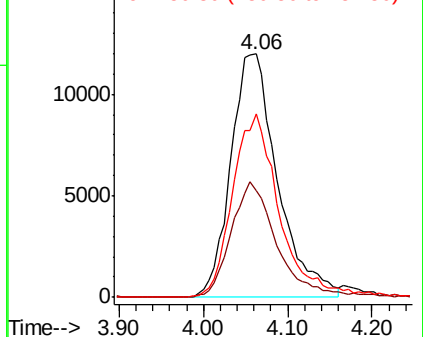
151 76.1 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.608 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

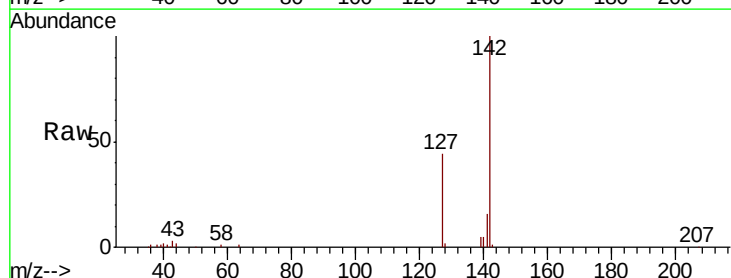
Tgt Ion:142 Resp: 64897

Ion Ratio Lower Upper

142 100

127 45.3 35.0 52.6

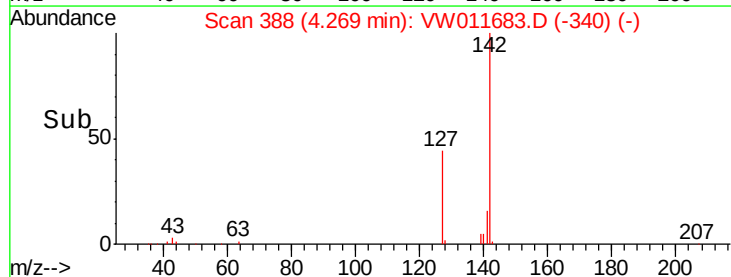
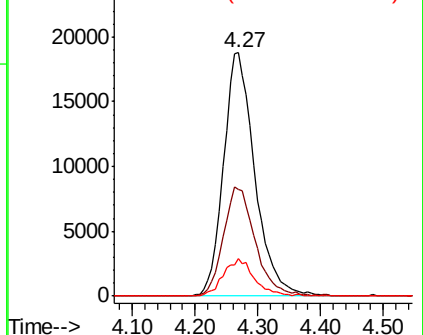
141 15.0 11.9 17.9

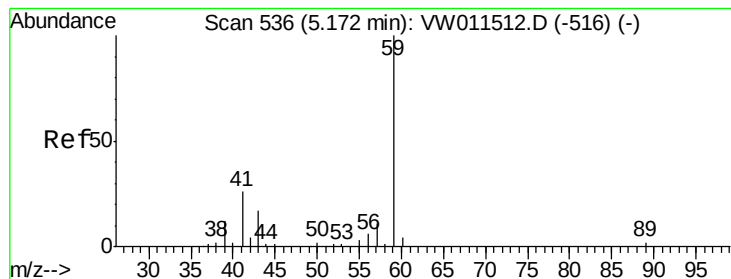


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



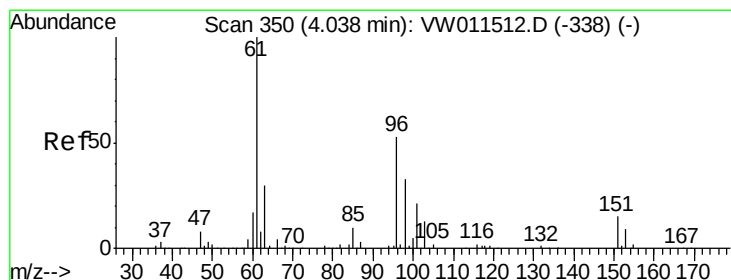
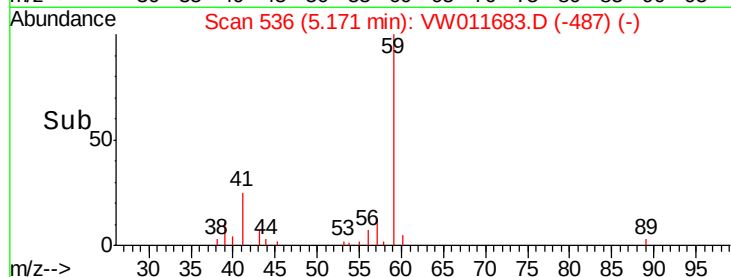
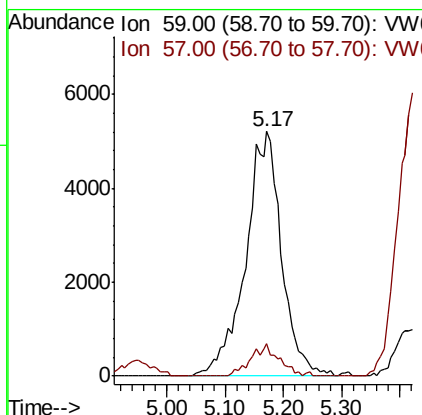
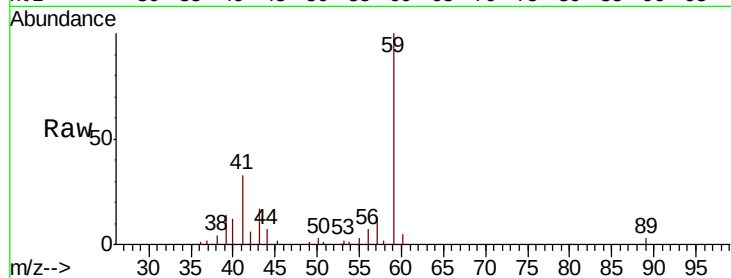


#11

Tert butyl alcohol
 Concen: 105.946 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

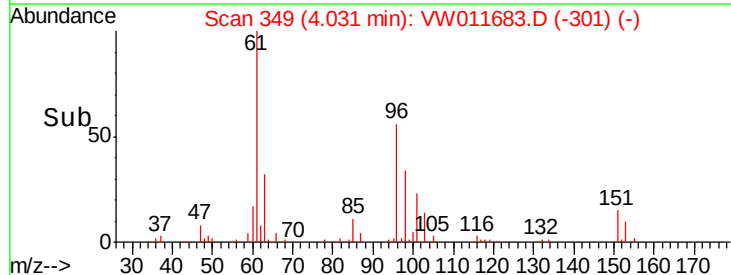
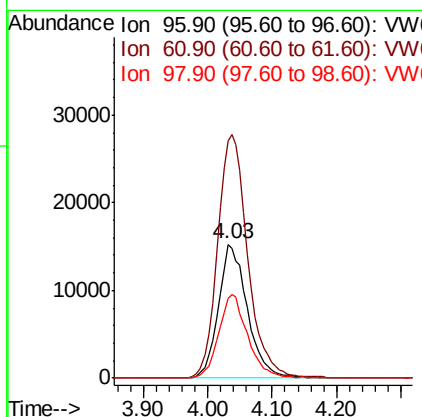
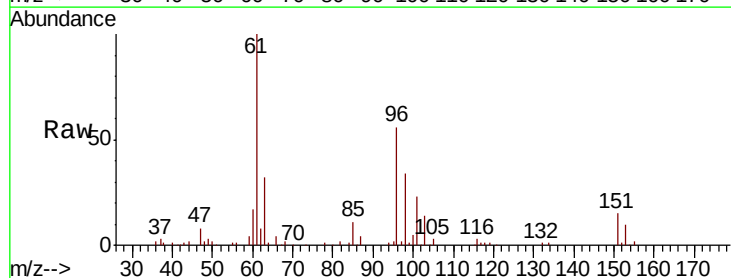
Tgt Ion: 59 Resp: 22250
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

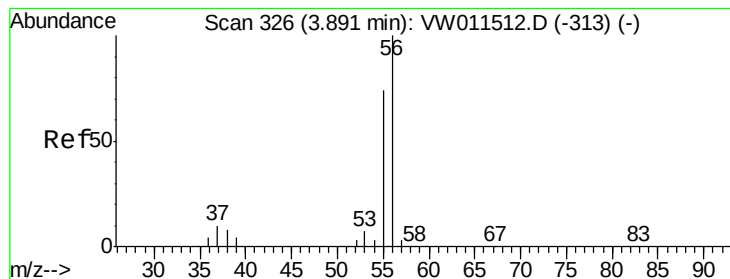


#12

1,1-Dichloroethene
 Concen: 20.591 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 96 Resp: 48447
 Ion Ratio Lower Upper
 96 100
 61 177.4 149.9 224.9
 98 60.1 49.1 73.7





#13

Acrolein

Concen: 63.529 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

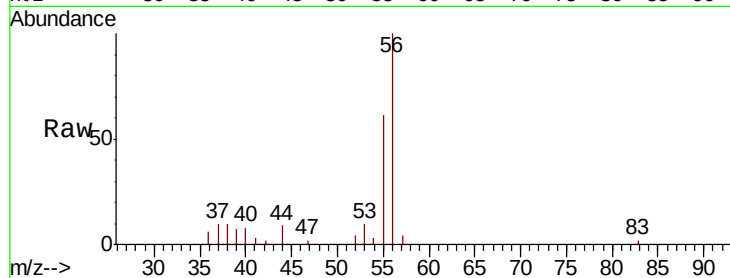
VW0804SBSD02

Tgt Ion: 56 Resp: 11825

Ion Ratio Lower Upper

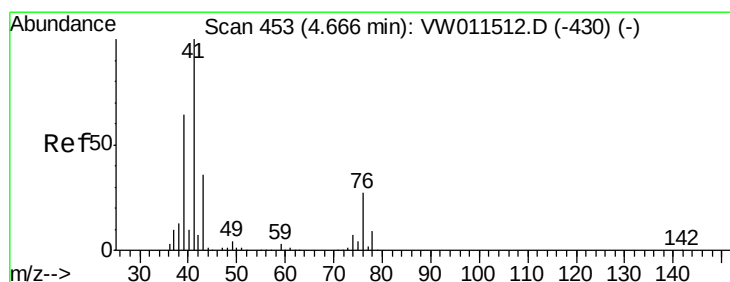
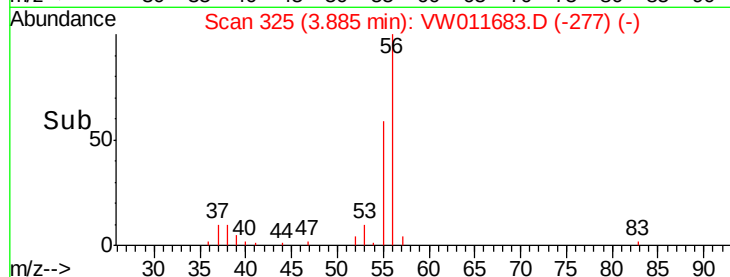
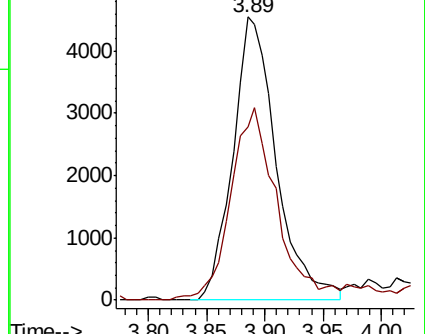
56 100

55 71.0 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.338 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

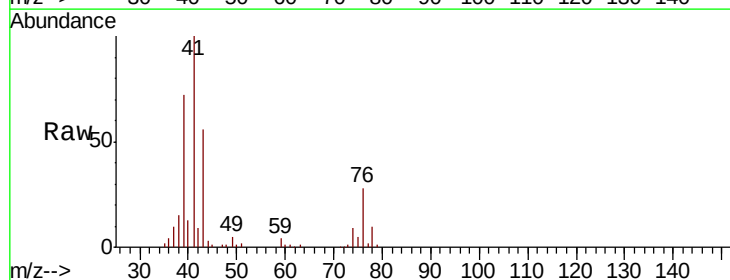
Tgt Ion: 41 Resp: 101774

Ion Ratio Lower Upper

41 100

39 66.7 52.6 78.8

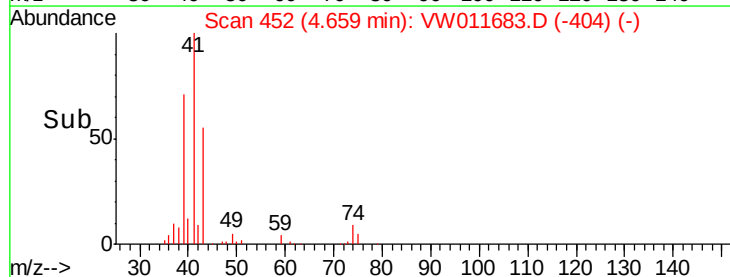
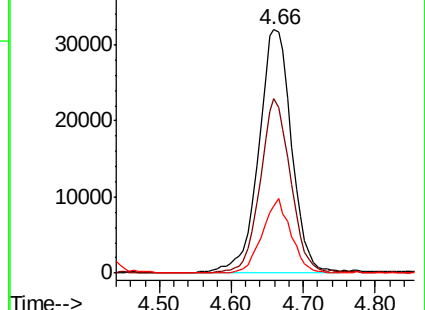
76 26.7 22.0 33.0

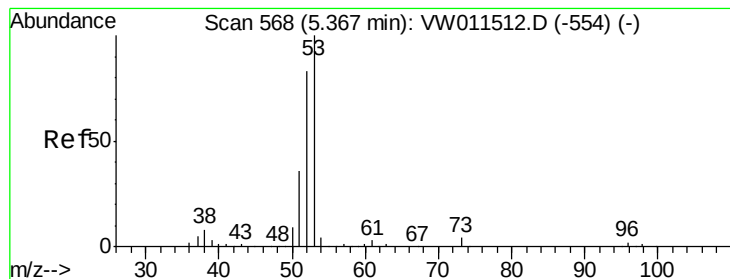


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 105.882 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

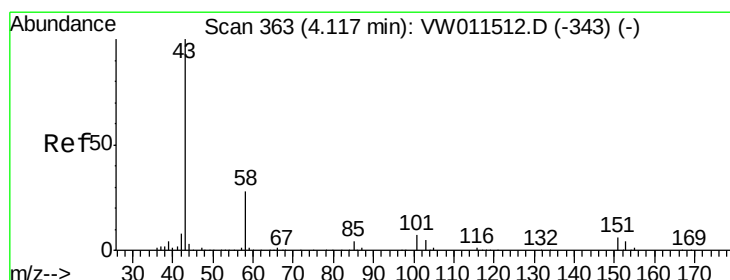
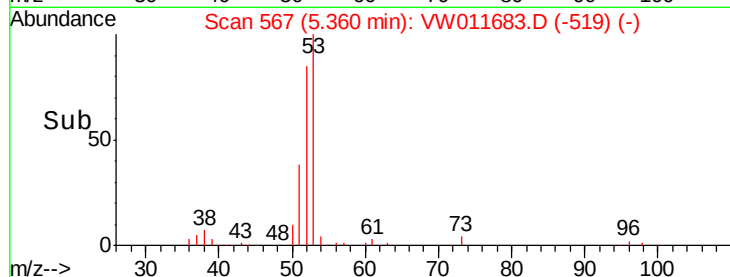
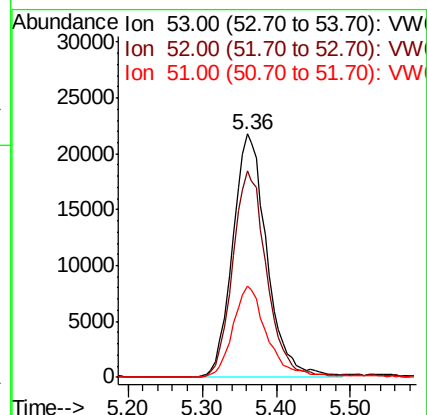
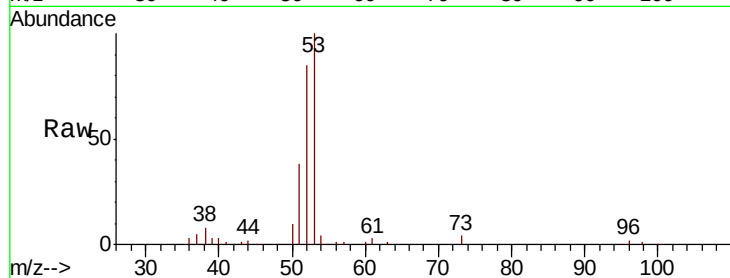
Tgt Ion: 53 Resp: 70397

Ion Ratio Lower Upper

53 100

52 83.2 67.2 100.8

51 37.2 30.0 45.0



#16

Acetone

Concen: 78.262 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011683.D

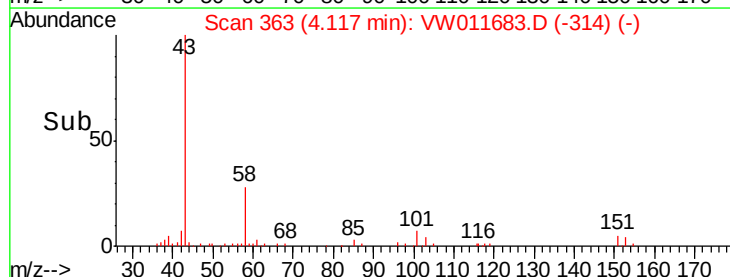
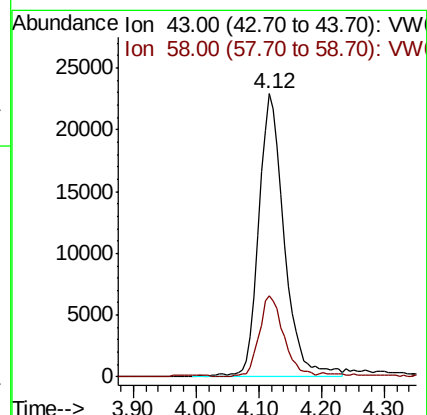
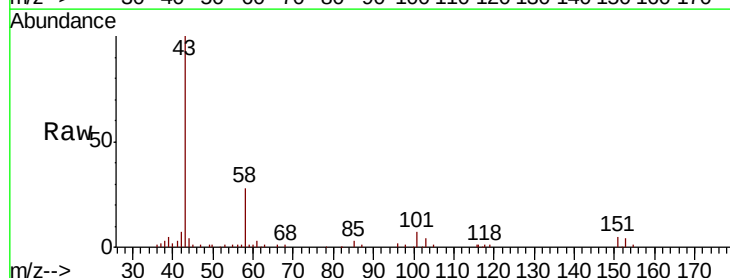
Acq: 04 Aug 2019 00:47

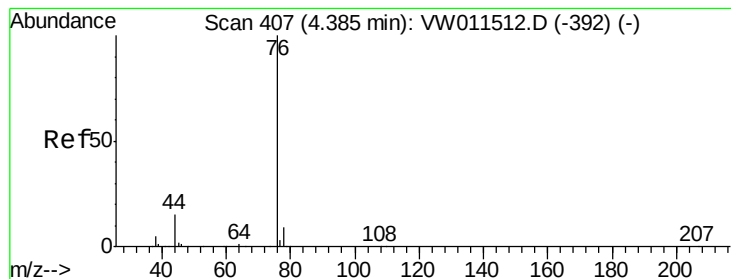
Tgt Ion: 43 Resp: 64581

Ion Ratio Lower Upper

43 100

58 27.8 22.3 33.5





#17

Carbon Disulfide

Concen: 20.081 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

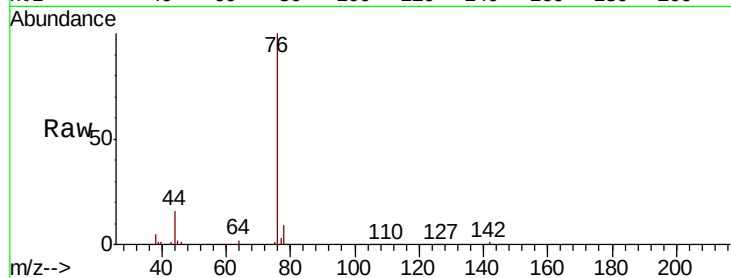
VW0804SBSD02

Tgt Ion: 76 Resp: 147878

Ion Ratio Lower Upper

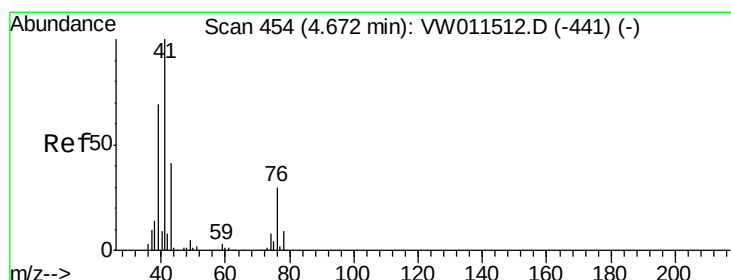
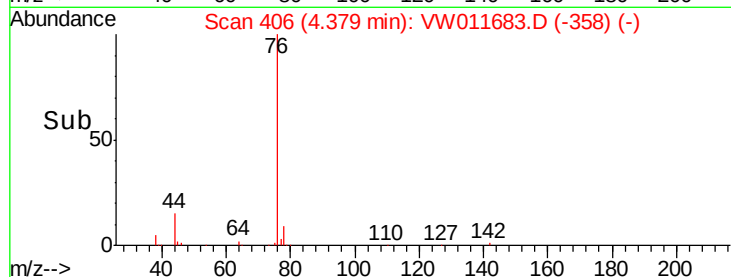
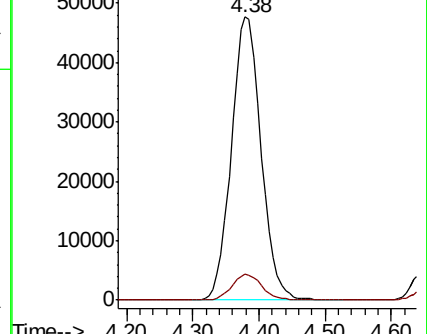
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 29.719 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011683.D

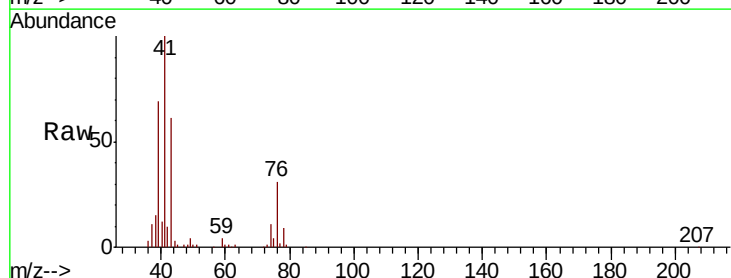
Acq: 04 Aug 2019 00:47

Tgt Ion: 43 Resp: 55092

Ion Ratio Lower Upper

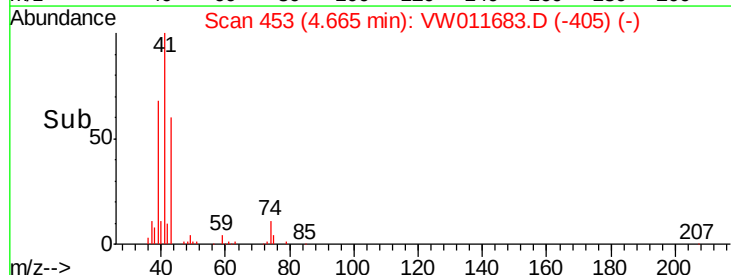
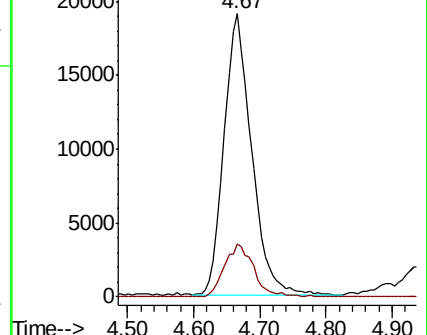
43 100

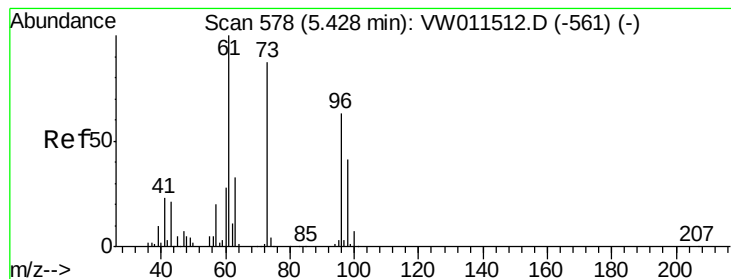
74 19.6 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



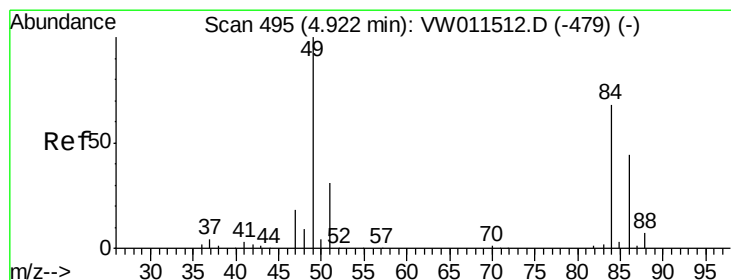
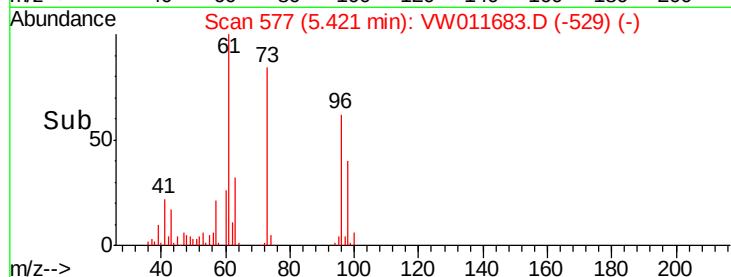
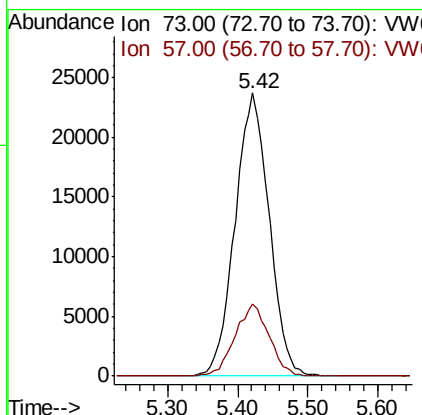
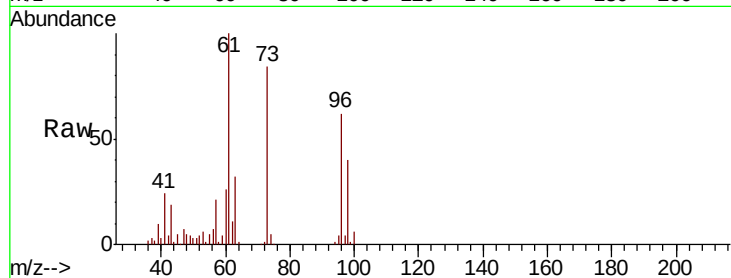


#19

Methyl tert-butyl Ether
 Concen: 21.499 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

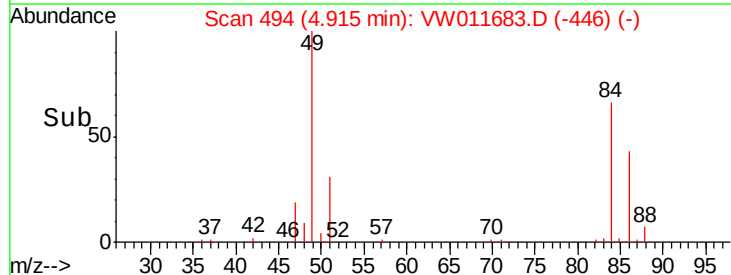
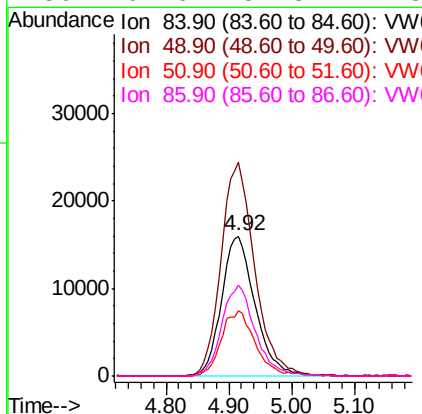
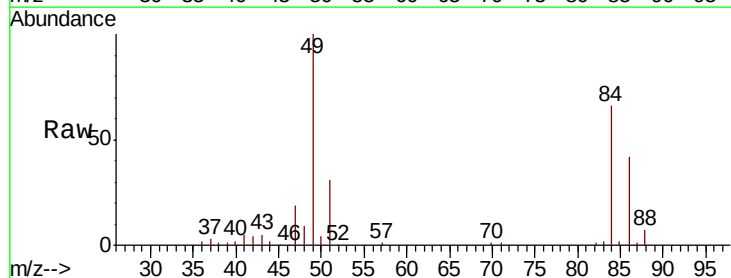
Tgt Ion: 73 Resp: 80270
 Ion Ratio Lower Upper
 73 100
 57 25.4 18.4 27.6

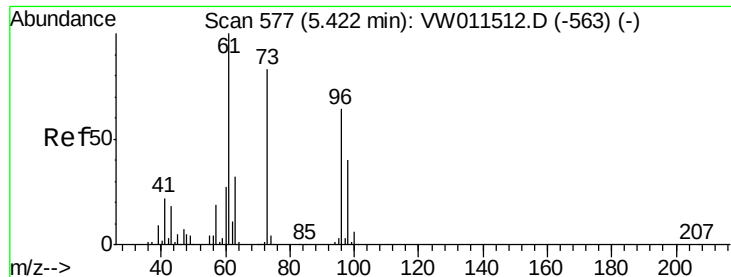


#20

Methylene Chloride
 Concen: 20.767 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 84 Resp: 59101
 Ion Ratio Lower Upper
 84 100
 49 152.2 117.8 176.6
 51 46.8 37.0 55.4
 86 64.6 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 21.103 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

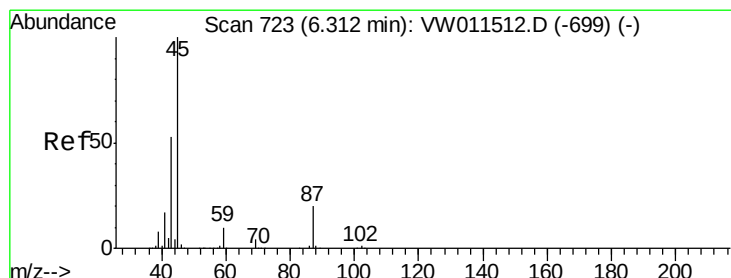
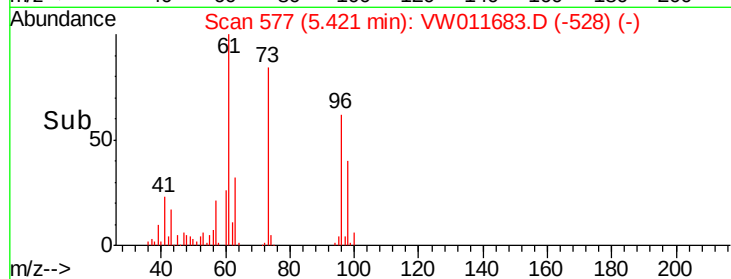
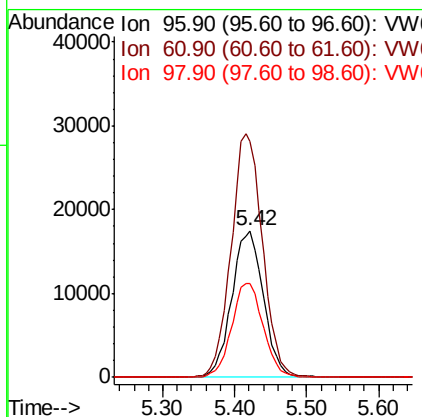
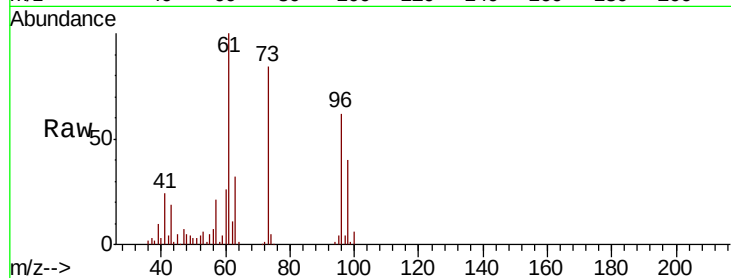
Tgt Ion: 96 Resp: 53530

Ion Ratio Lower Upper

96 100

61 160.8 125.7 188.5

98 64.3 50.3 75.5



#22

Diisopropyl ether

Concen: 21.373 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Tgt Ion: 45 Resp: 201645

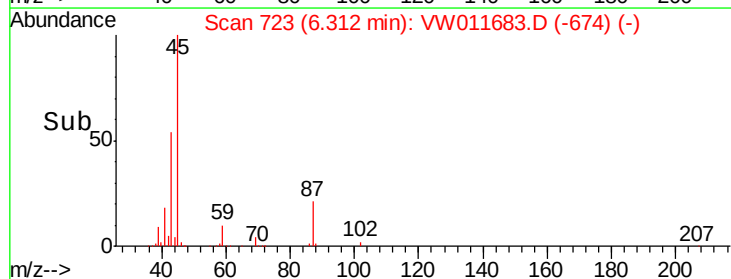
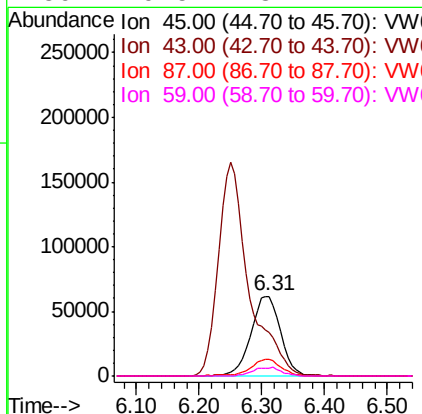
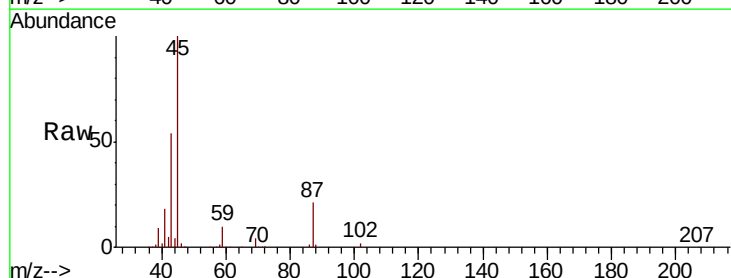
Ion Ratio Lower Upper

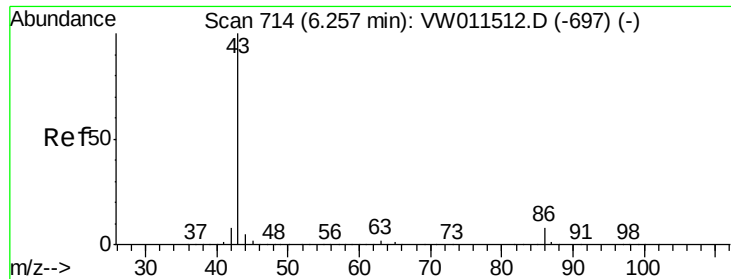
45 100

43 53.6 42.6 63.8

87 21.3 16.4 24.6

59 9.5 8.2 12.2





#23

Vinyl Acetate

Concen: 93.493 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

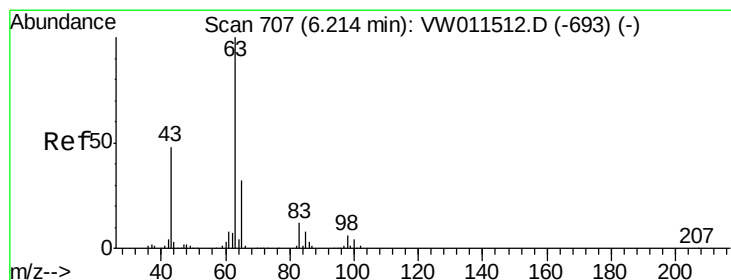
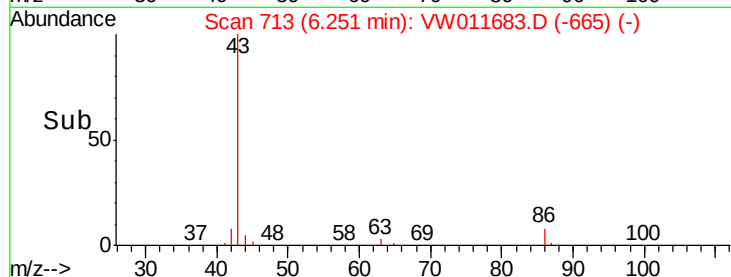
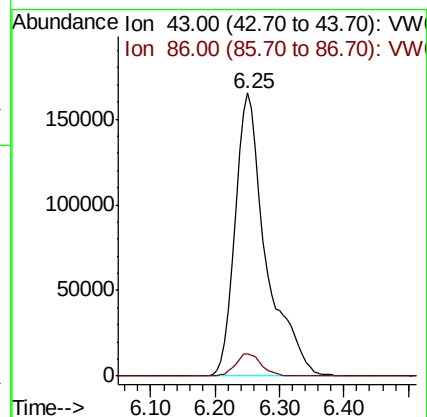
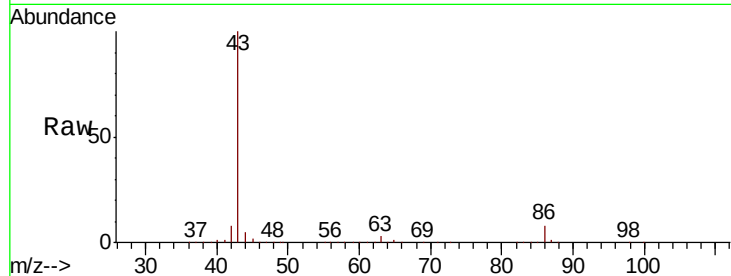
VW0804SBSD02

Tgt Ion: 43 Resp: 554262

Ion Ratio Lower Upper

43 100

86 8.0 6.5 9.7



#24

1,1-Dichloroethane

Concen: 21.601 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

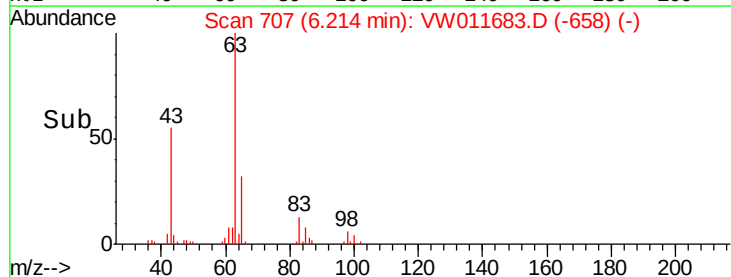
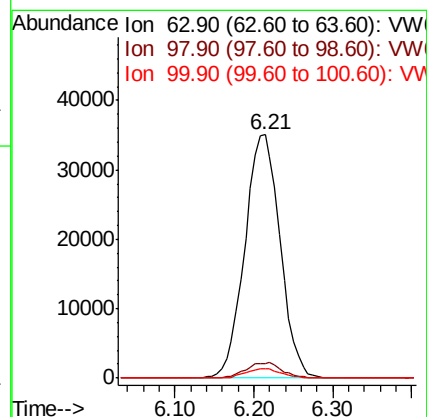
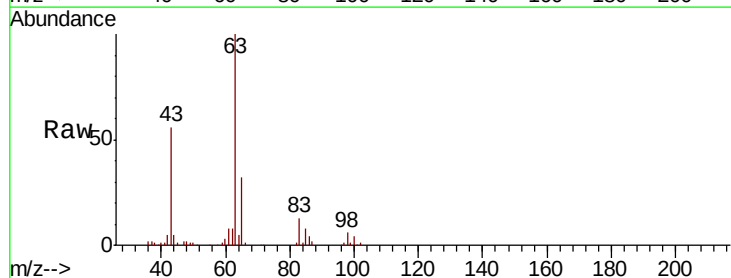
Tgt Ion: 63 Resp: 109148

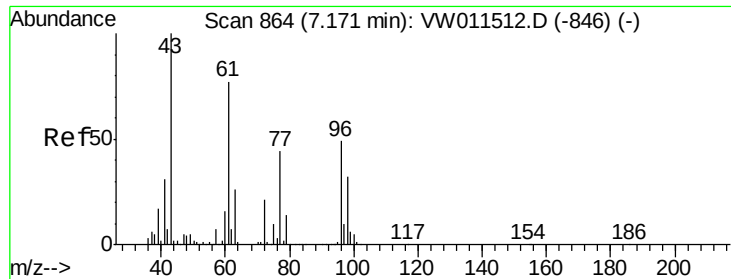
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.9 2.1 6.3

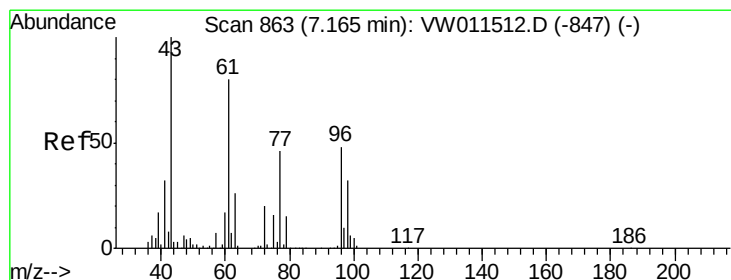
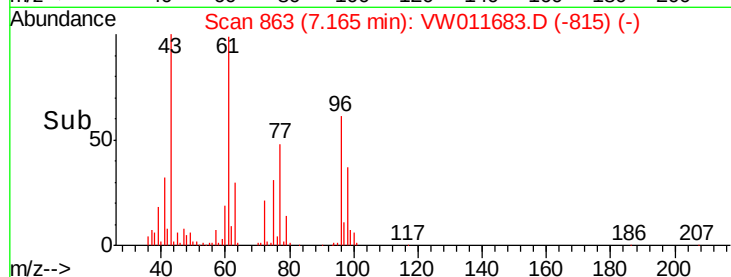
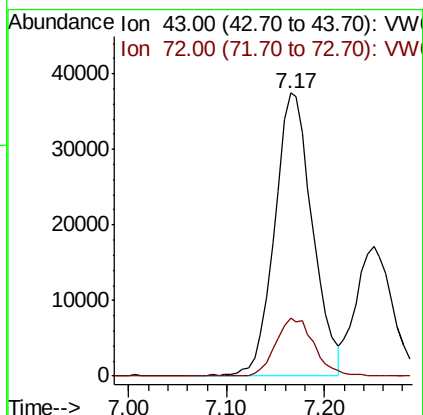
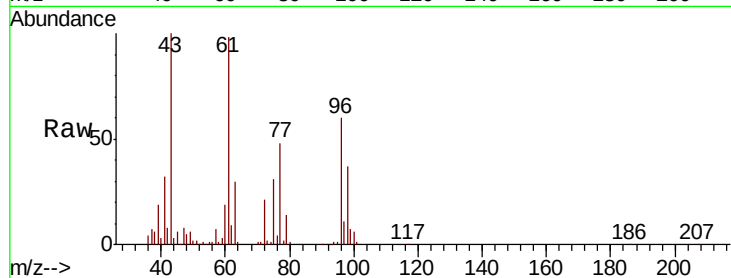




#25
2-Butanone
Concen: 93.935 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

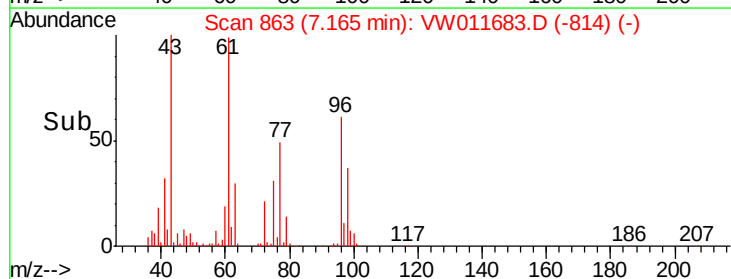
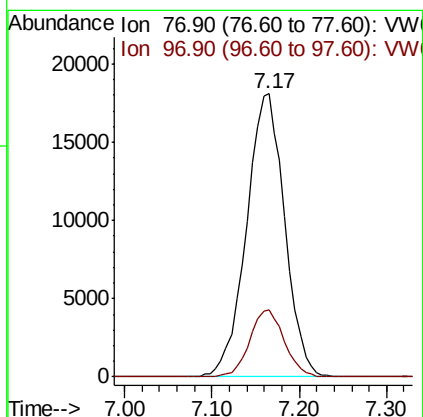
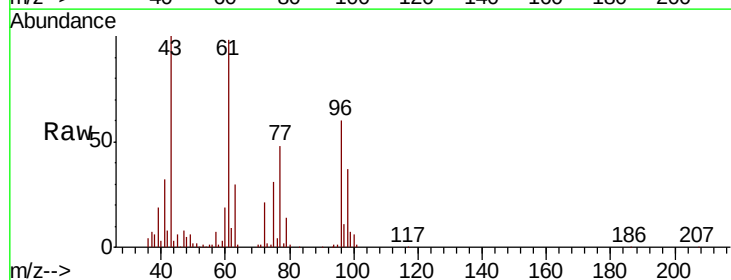
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

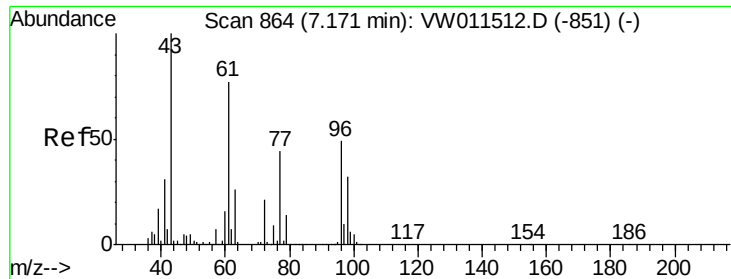
Tgt Ion: 43 Resp: 101429
Ion Ratio Lower Upper
43 100
72 20.6 16.6 24.8



#26
2,2-Dichloropropane
Concen: 17.647 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion: 77 Resp: 54839
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.4

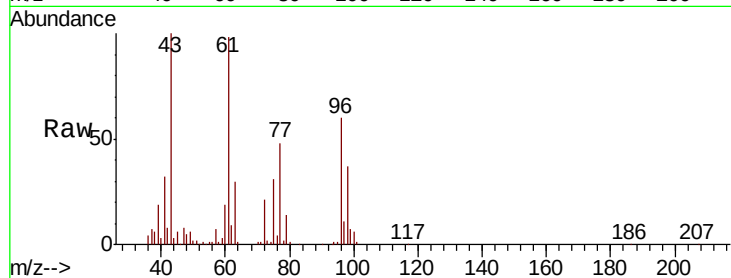




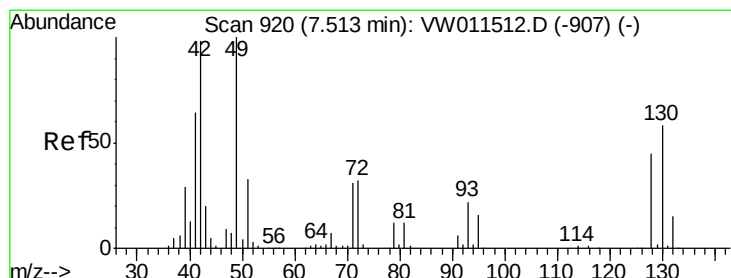
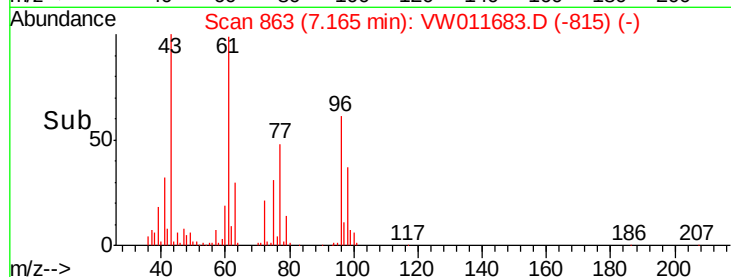
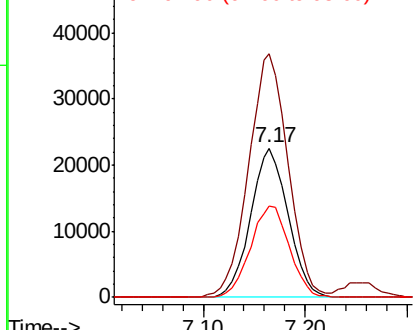
#27
 cis-1,2-Dichloroethene
 Concen: 20.649 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

Tgt Ion: 96 Resp: 57647
 Ion Ratio Lower Upper
 96 100
 61 170.9 0.0 328.4
 98 63.8 0.0 128.8

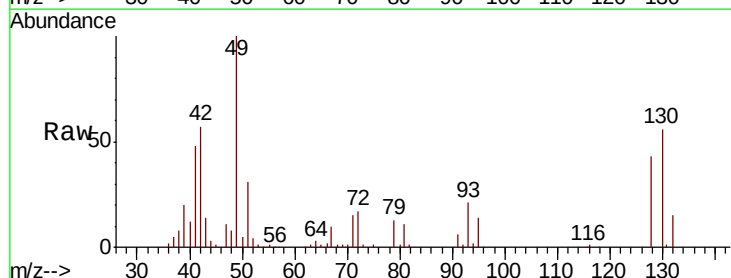


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

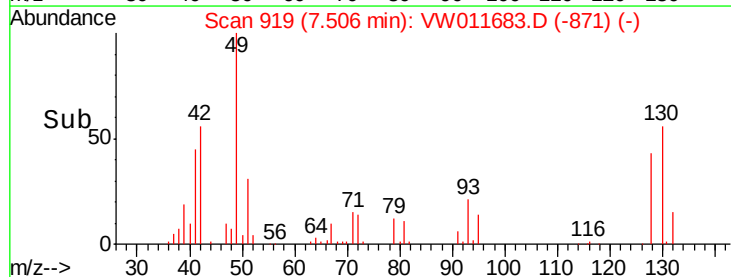
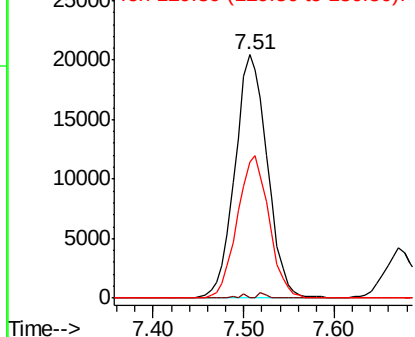


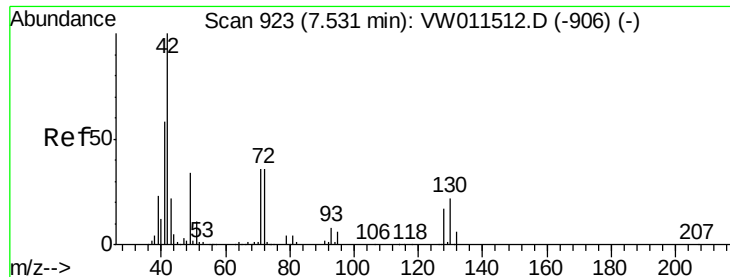
#28
 Bromochloromethane
 Concen: 22.578 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 49 Resp: 50638
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 1.0
 130 57.3 46.3 69.5



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





#29

Tetrahydrofuran

Concen: 107.344 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

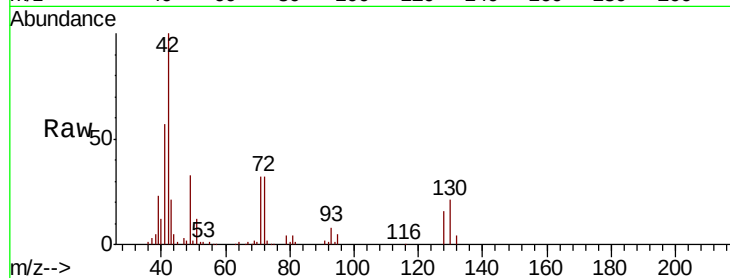
Tgt Ion: 42 Resp: 66254

Ion Ratio Lower Upper

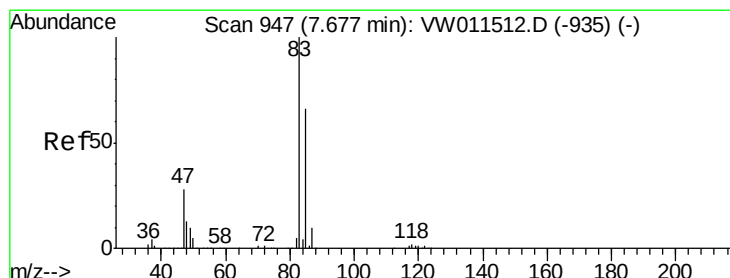
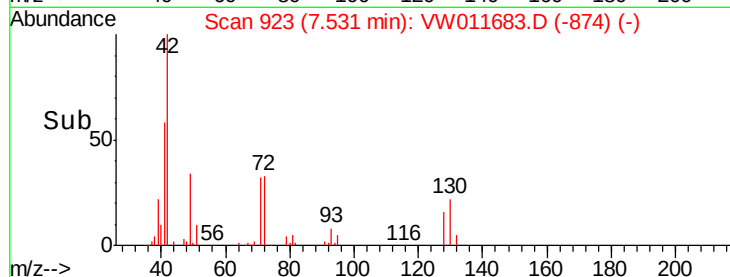
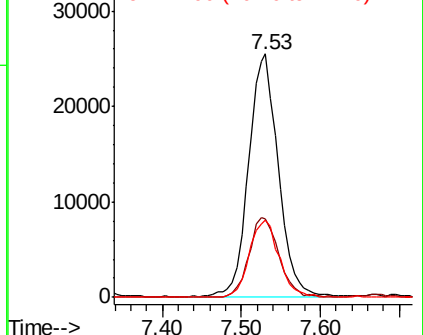
42 100

72 33.5 27.1 40.7

71 32.1 26.2 39.4



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



#30

Chloroform

Concen: 21.665 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW011683.D

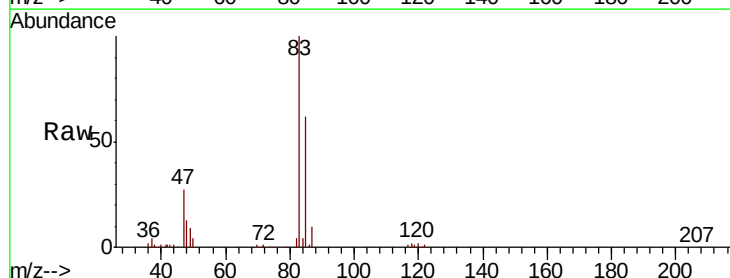
Acq: 04 Aug 2019 00:47

Tgt Ion: 83 Resp: 100995

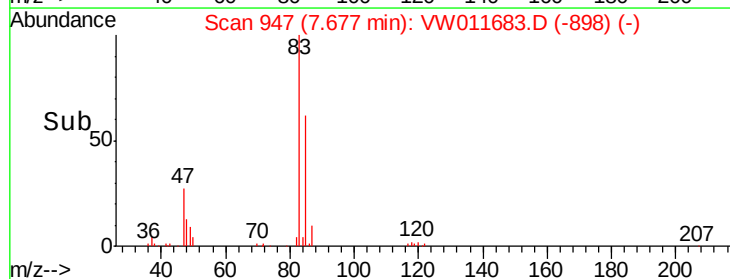
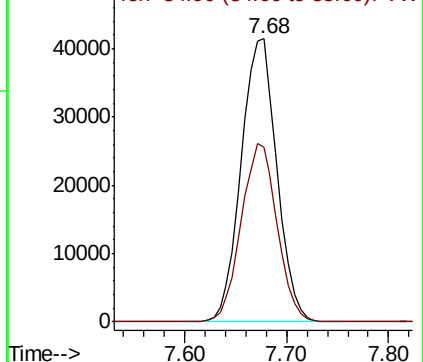
Ion Ratio Lower Upper

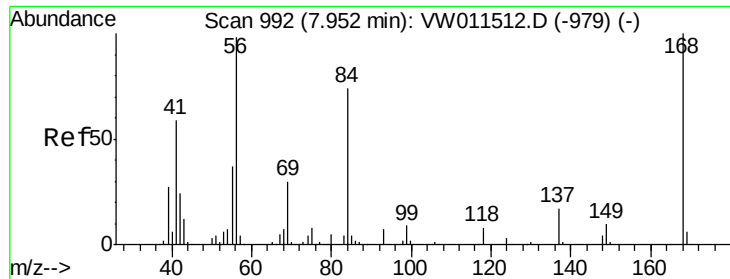
83 100

85 61.7 52.5 78.7



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

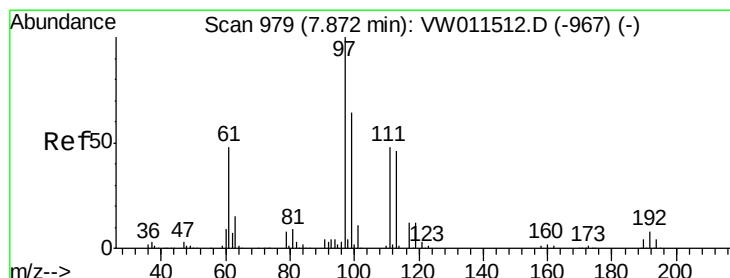
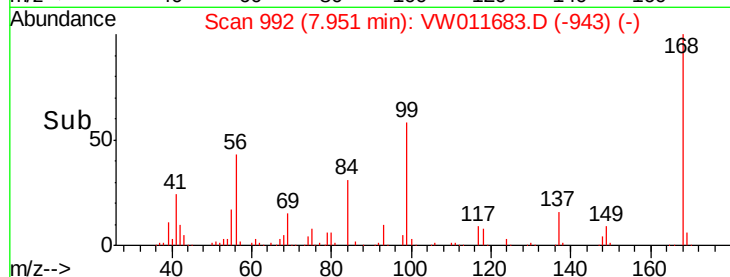
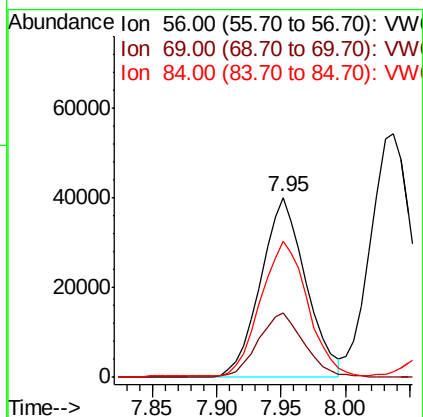
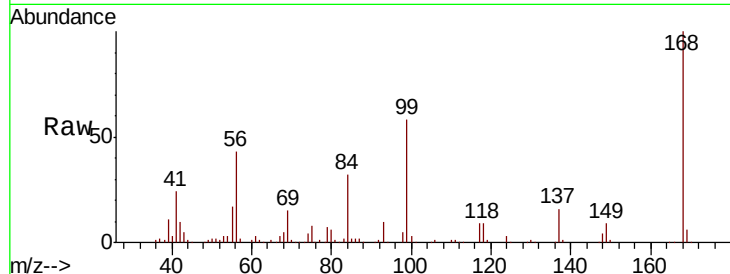




#31
Cyclohexane
Concen: 20.183 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

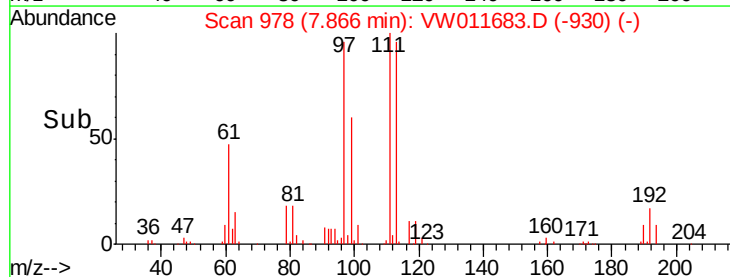
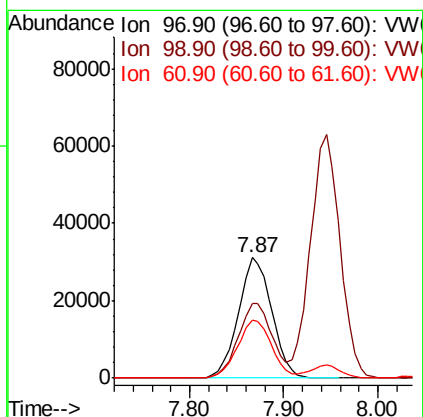
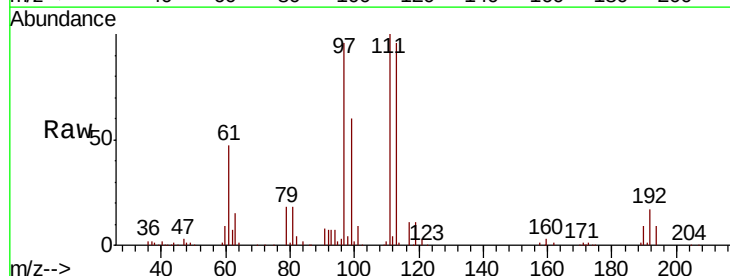
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

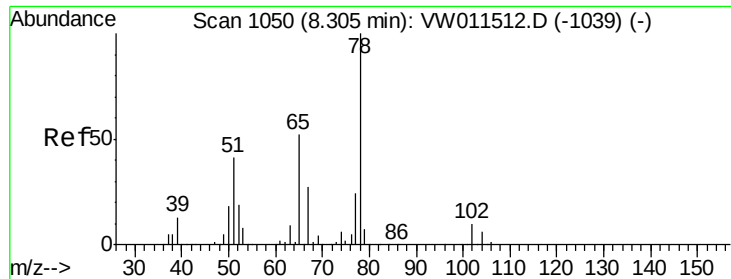
Tgt Ion: 56 Resp: 97895
Ion Ratio Lower Upper
56 100
69 35.7 24.3 36.5
84 74.4 60.4 90.6



#32
1,1,1-Trichloroethane
Concen: 21.656 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion: 97 Resp: 76882
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.6
61 49.4 39.8 59.6

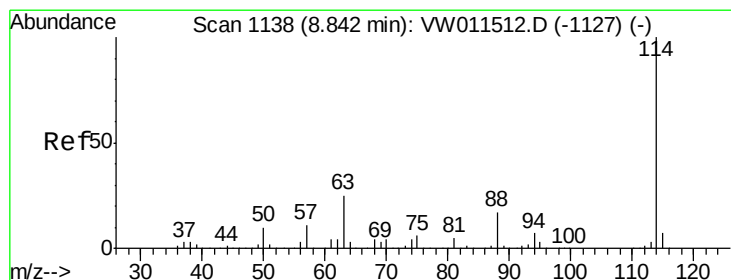
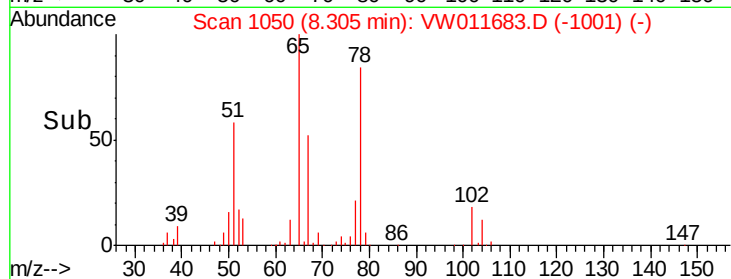
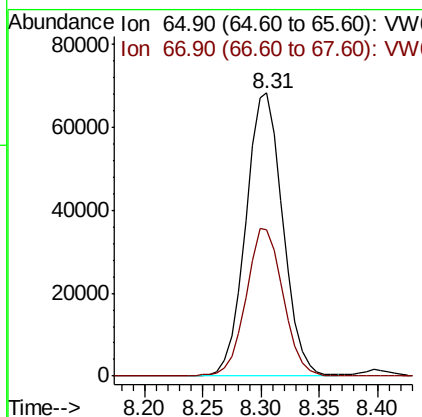
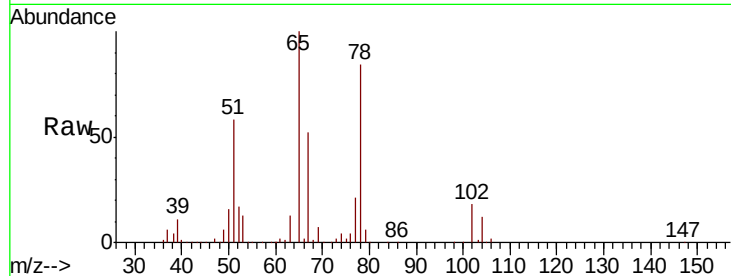




#33
 1,2-Dichloroethane-d4
 Concen: 58.396 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

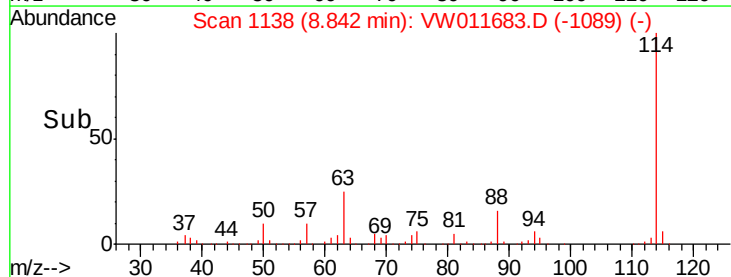
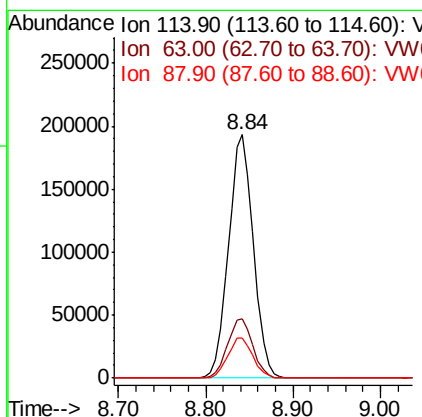
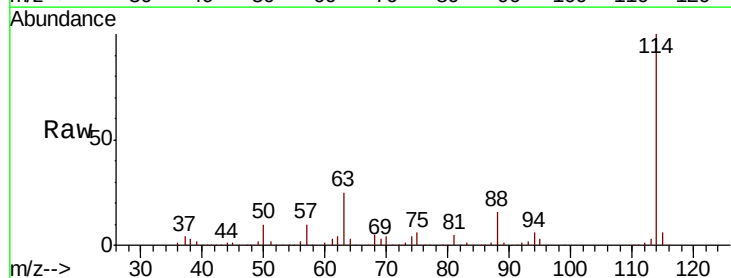
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

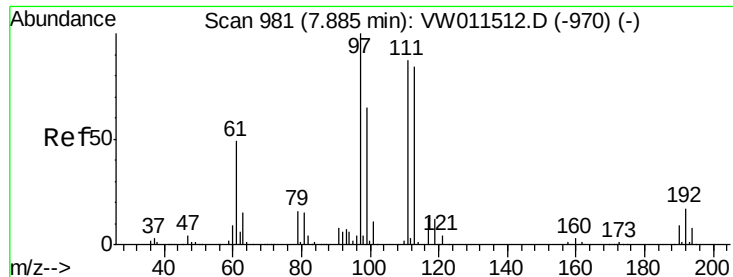
Tgt Ion: 65 Resp: 151487
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 114 Resp: 380673
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.3 0.0 33.8

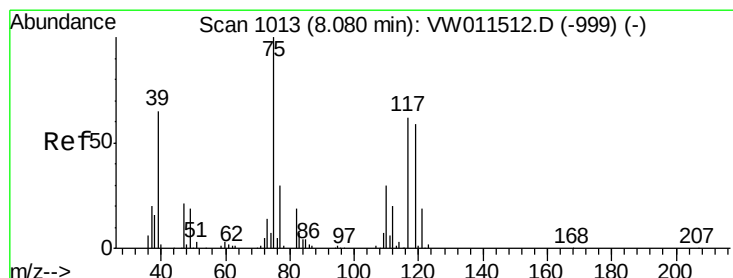
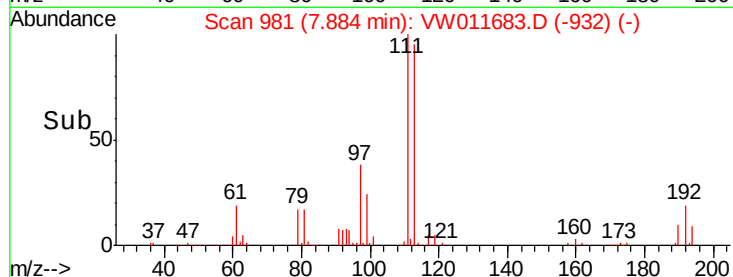
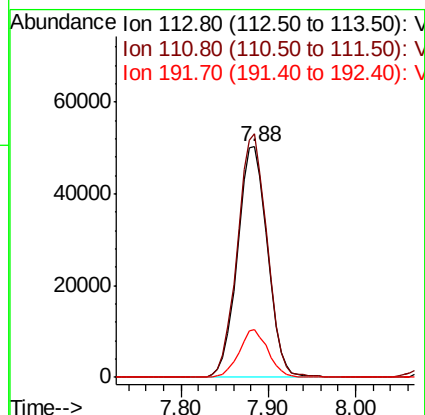
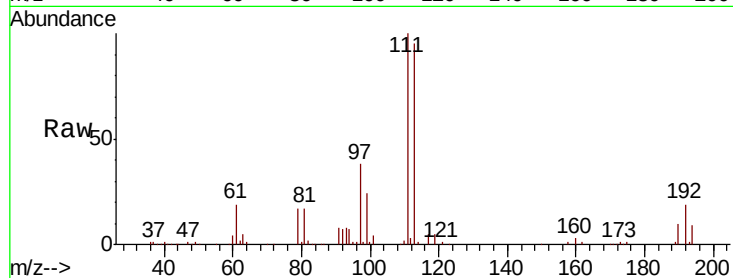




#35
 Dibromofluoromethane
 Concen: 56.111 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

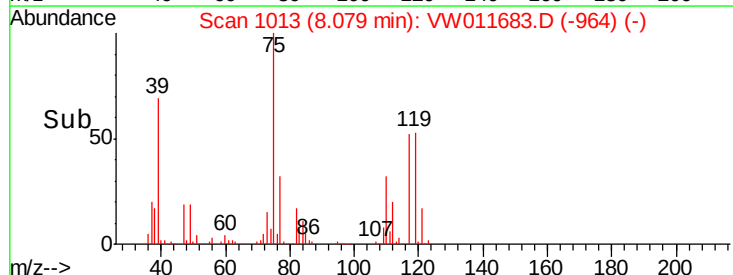
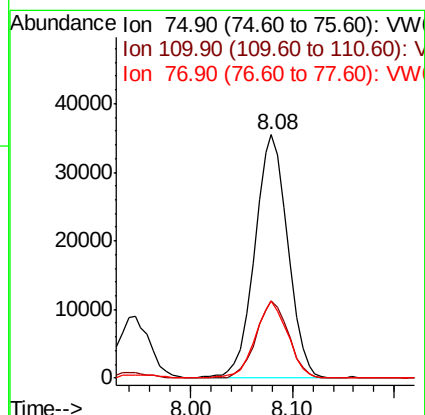
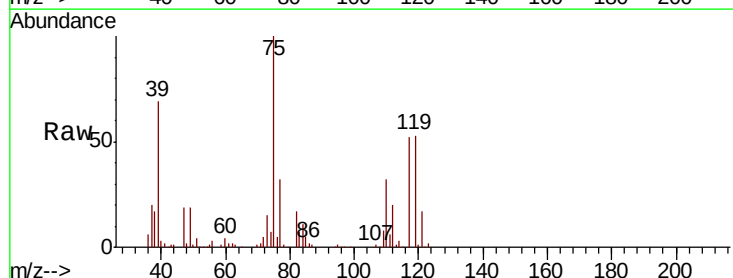
Instrument :
 MSVOA_W
 ClientSampled :
 VW0804SBSD02

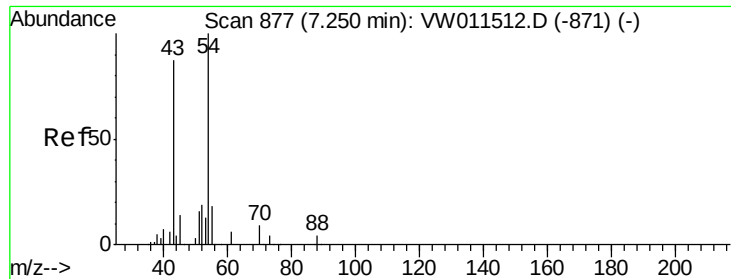
Tgt Ion:113 Resp: 119834
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.7 124.1
 192 20.0 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 20.148 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 75 Resp: 79750
 Ion Ratio Lower Upper
 75 100
 110 31.5 15.6 46.8
 77 31.3 24.3 36.5

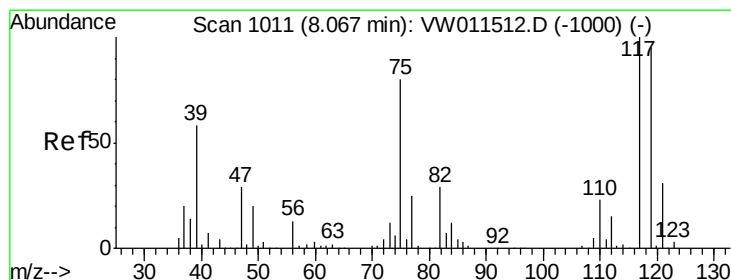
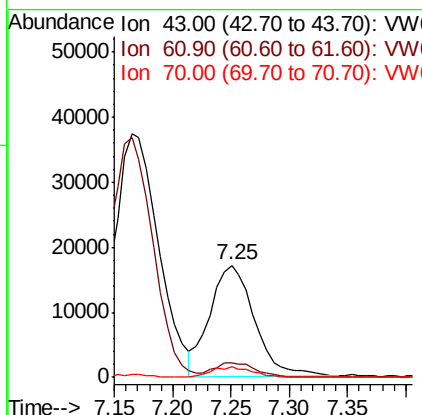
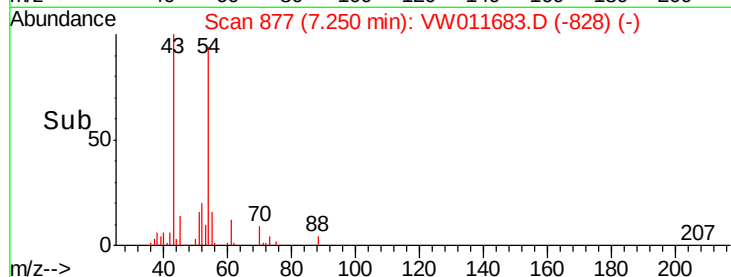
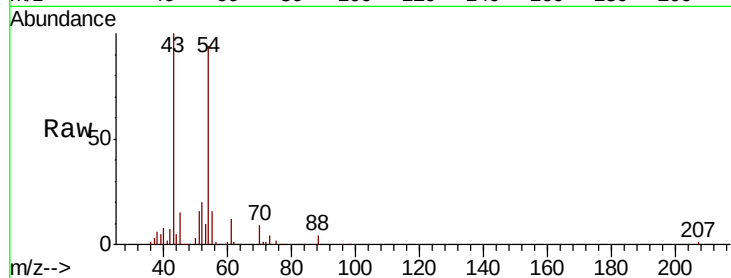




#37
Ethyl Acetate
Concen: 19.844 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

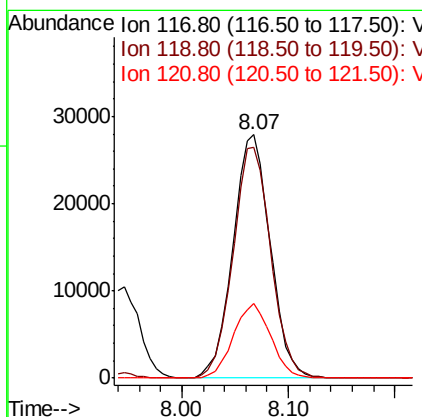
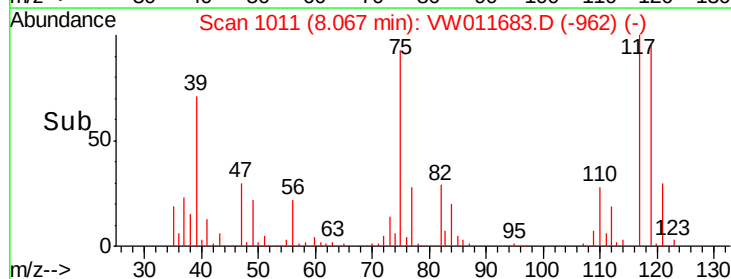
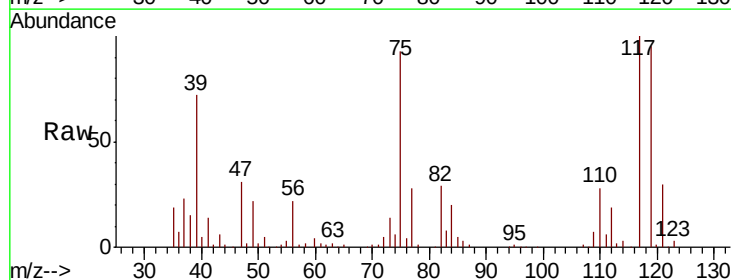
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

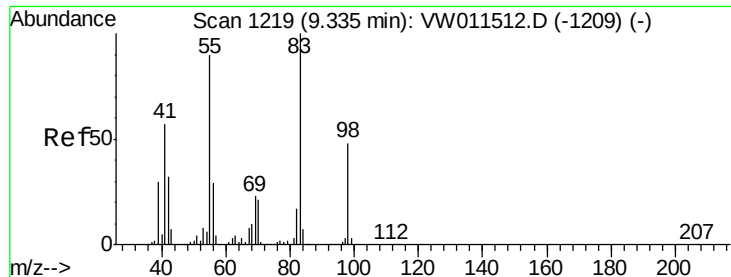
Tgt Ion: 43 Resp: 45192
Ion Ratio Lower Upper
43 100
61 13.2 8.8 13.2#
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.229 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion: 117 Resp: 68547
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6
121 30.5 24.7 37.1

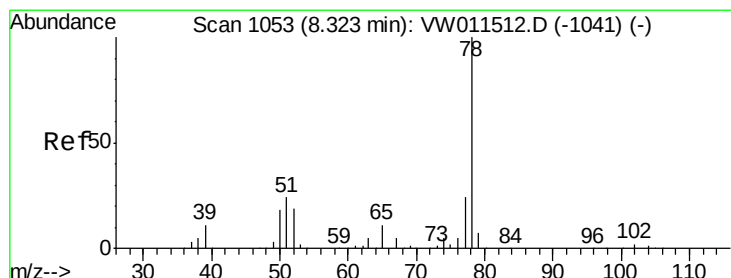
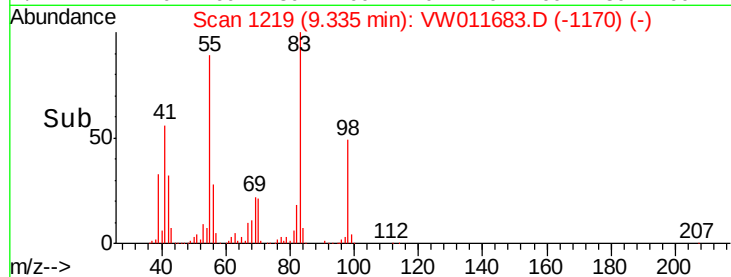
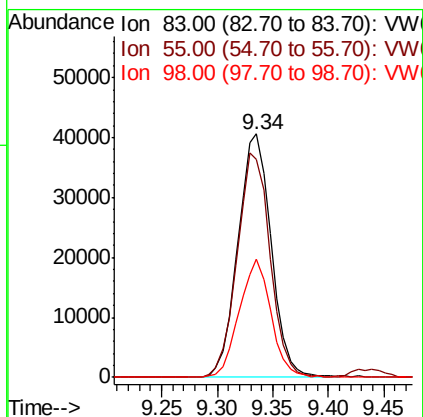
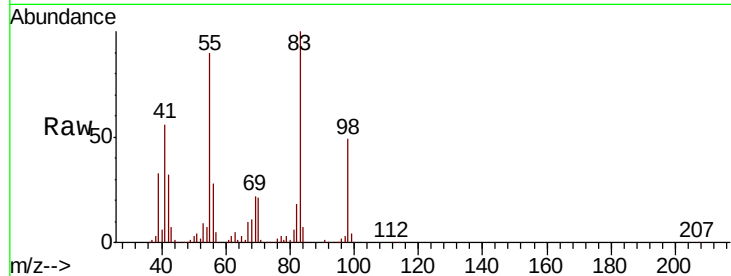




#39
Methylcyclohexane
Concen: 19.322 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

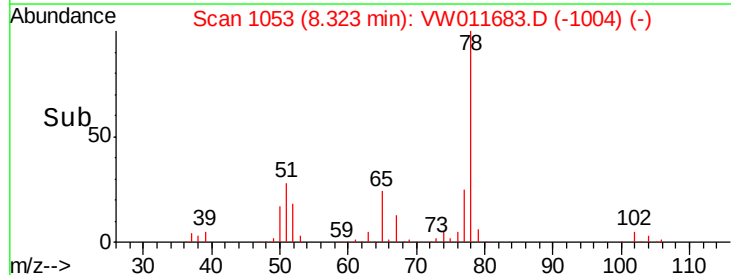
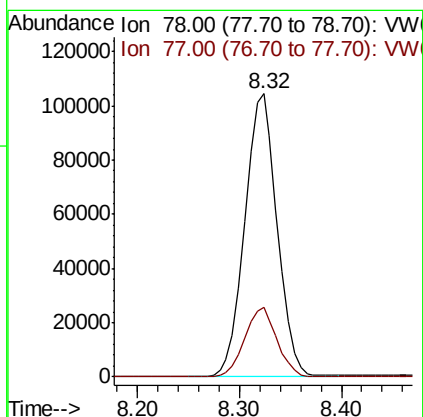
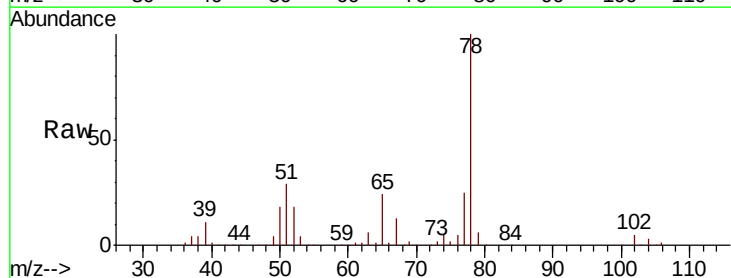
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

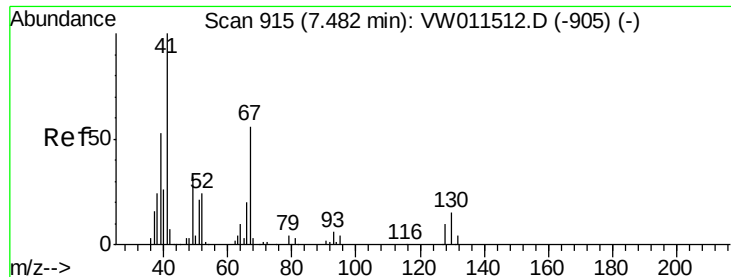
Tgt Ion: 83 Resp: 84216
Ion Ratio Lower Upper
83 100
55 89.6 72.1 108.1
98 48.7 38.6 57.8



#40
Benzene
Concen: 20.818 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion: 78 Resp: 230813
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0

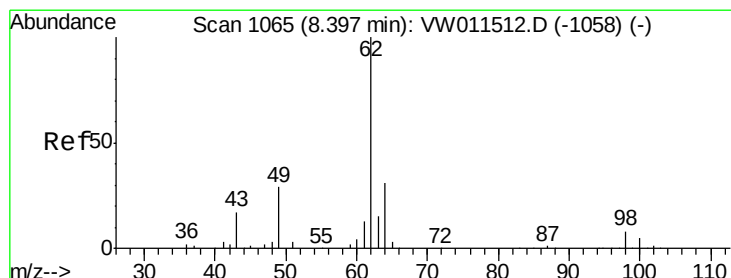
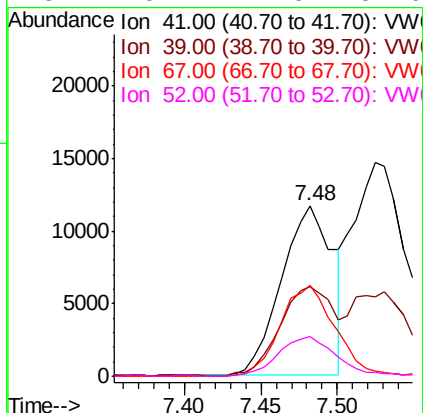
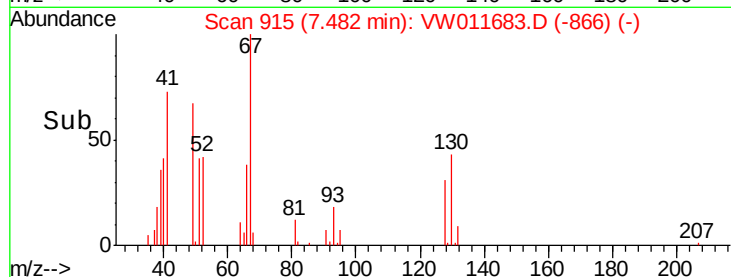
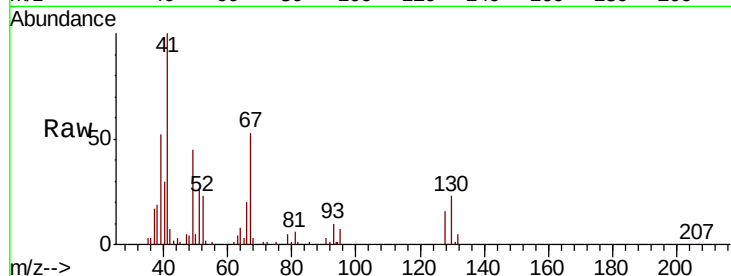




#41
Methacrylonitrile
Concen: 20.095 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

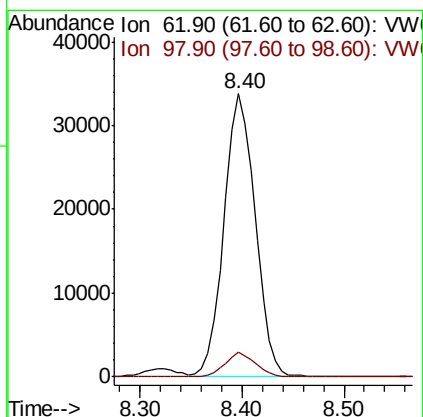
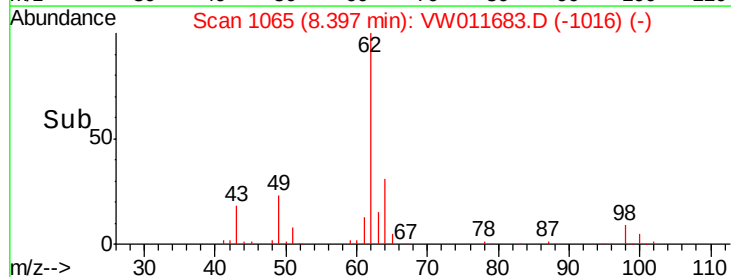
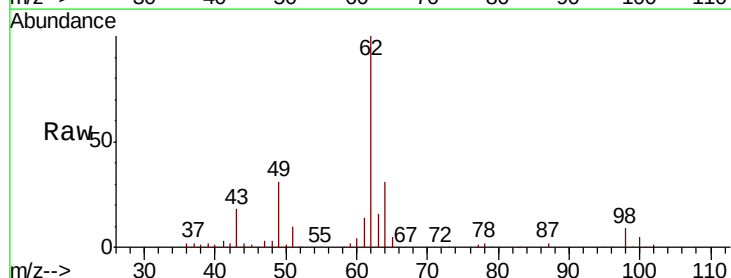
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

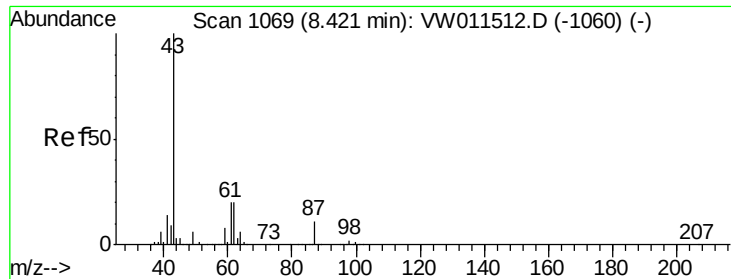
Tgt Ion:	41	Resp:	27356
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.0	64.4
67	57.2	47.5	71.3
52	26.7	21.0	31.6



#42
1,2-Dichloroethane
Concen: 20.716 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion:	62	Resp:	71911
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 19.724 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

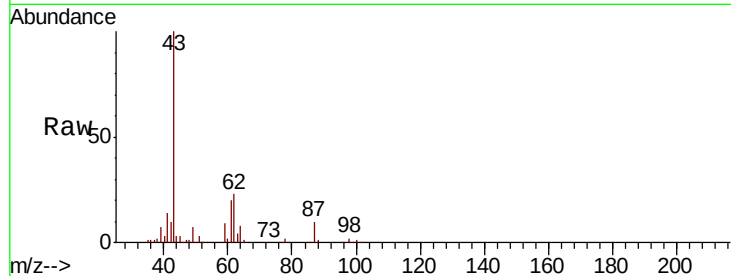
Tgt Ion: 43 Resp: 82606

Ion Ratio Lower Upper

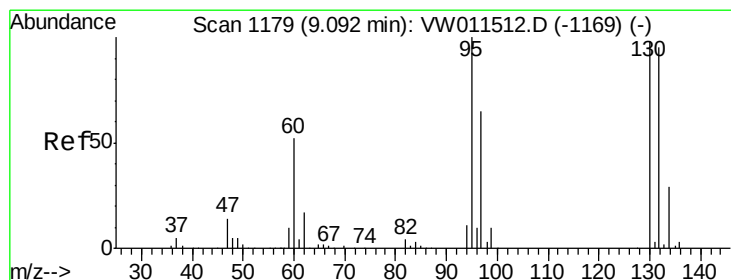
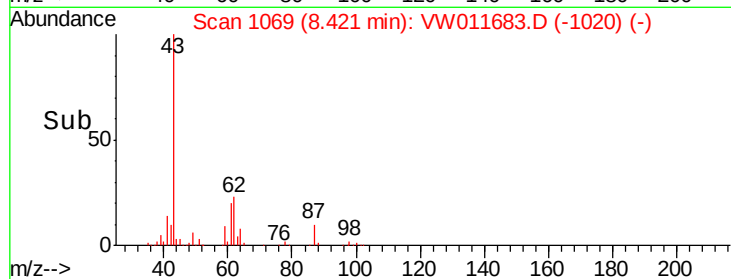
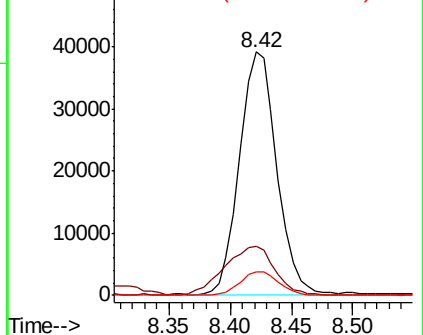
43 100

61 26.5 21.5 32.3

87 10.0 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.293 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011683.D

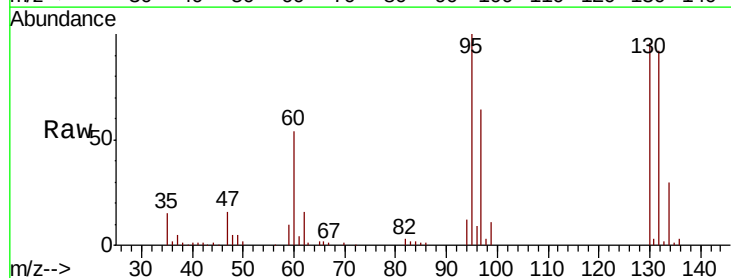
Acq: 04 Aug 2019 00:47

Tgt Ion: 130 Resp: 54078

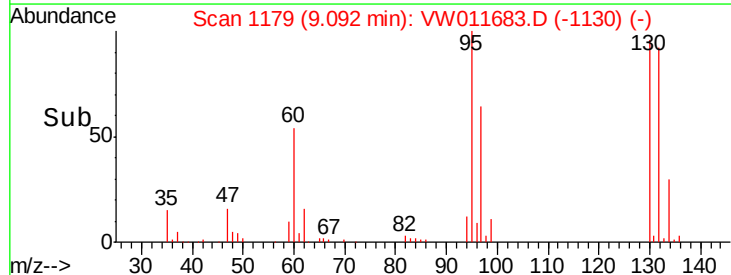
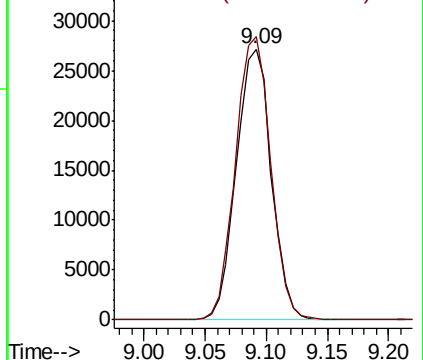
Ion Ratio Lower Upper

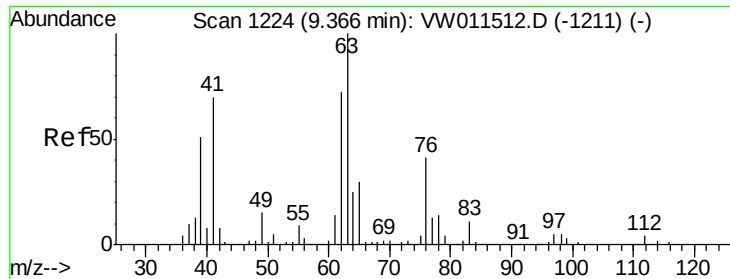
130 100

95 104.4 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

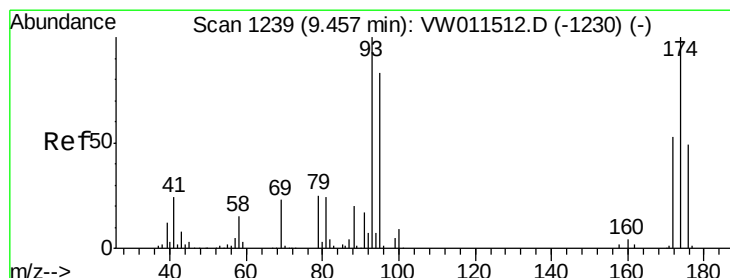
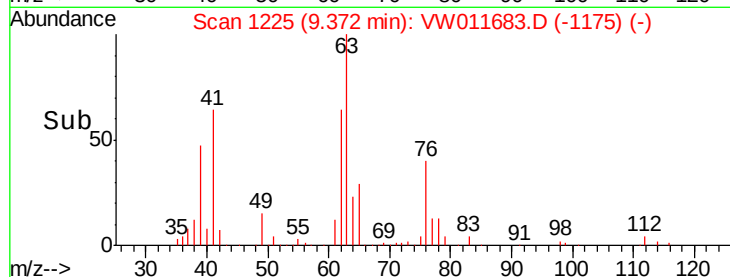
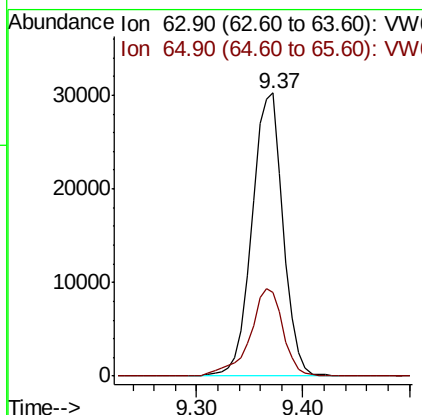
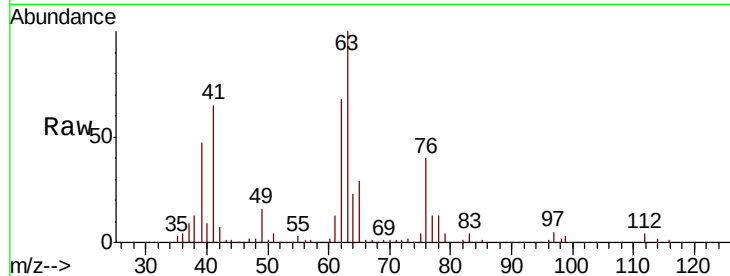




#45
 1,2-Dichloropropane
 Concen: 20.801 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

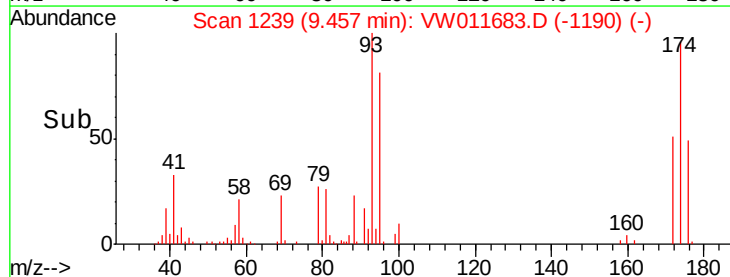
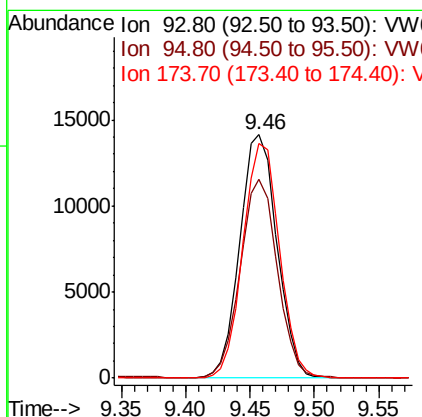
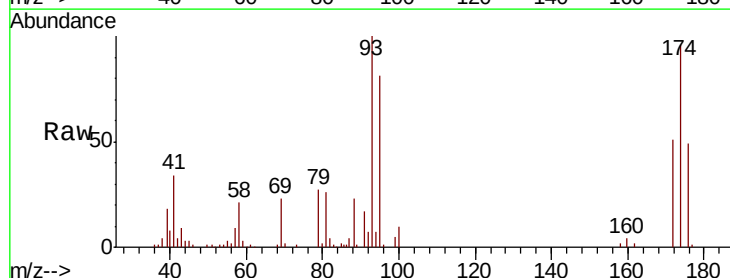
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

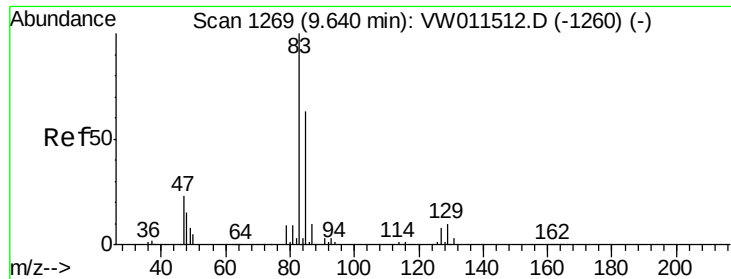
Tgt Ion: 63 Resp: 61710
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.2 36.4



#46
 Dibromomethane
 Concen: 20.922 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 93 Resp: 28329
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.2 99.2
 174 94.5 78.2 117.4





#47

Bromodichloromethane

Concen: 20.523 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

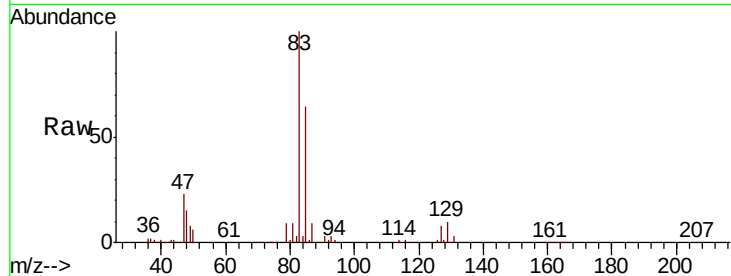
Tgt Ion: 83 Resp: 72895

Ion Ratio Lower Upper

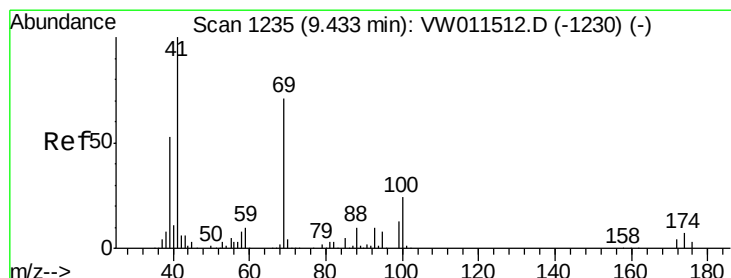
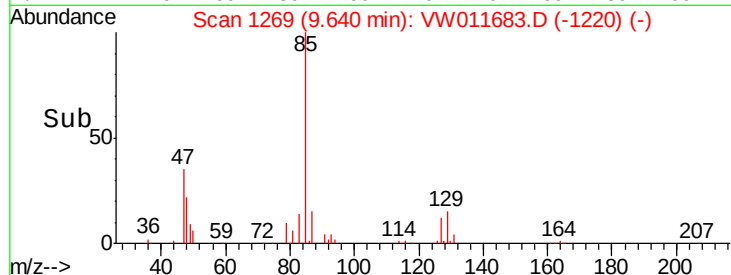
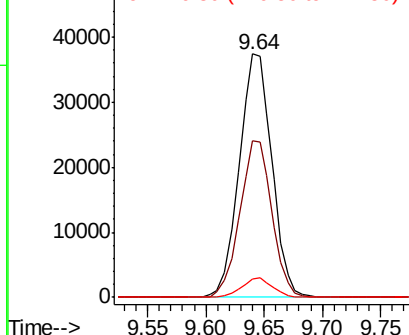
83 100

85 64.3 50.5 75.7

127 7.8 6.4 9.6



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: 20.810 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

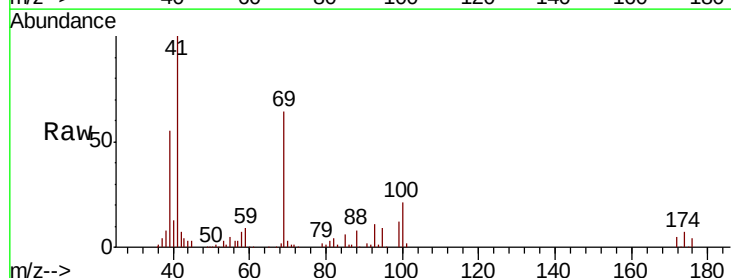
Tgt Ion: 41 Resp: 41867

Ion Ratio Lower Upper

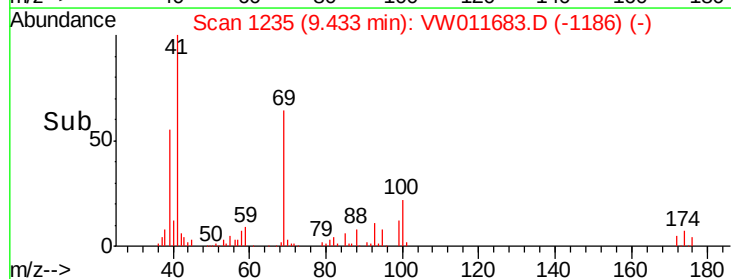
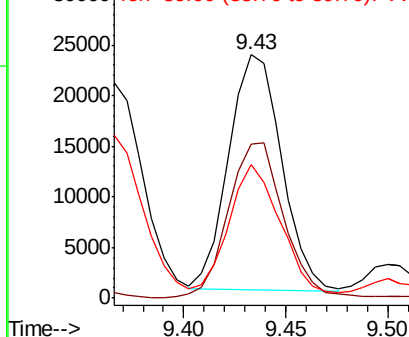
41 100

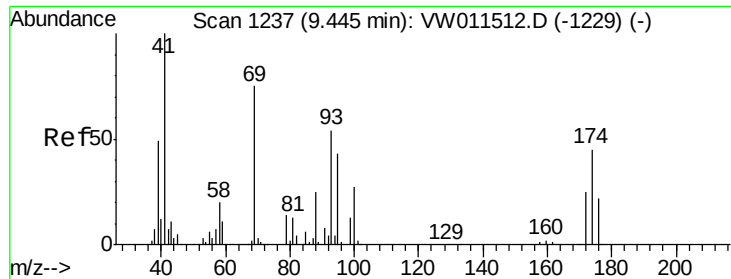
69 70.2 57.1 85.7

39 56.4 45.4 68.2



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

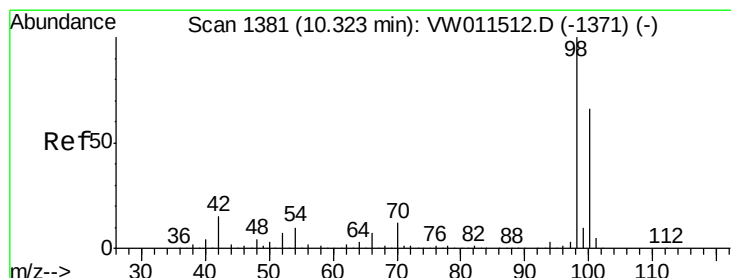
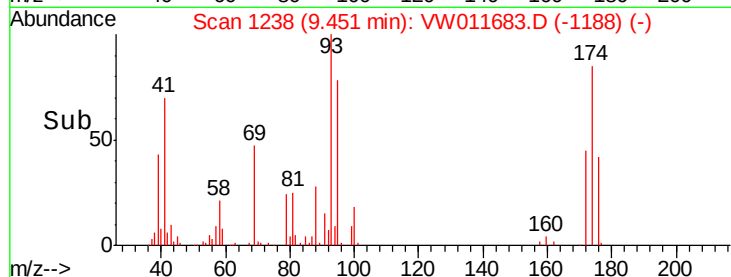
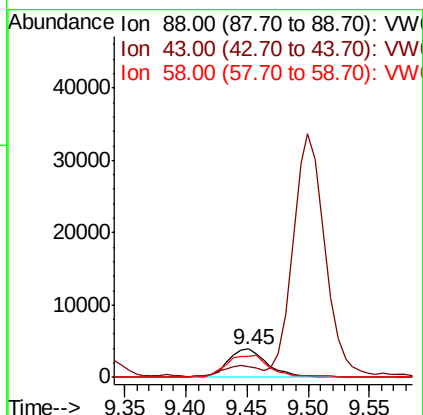
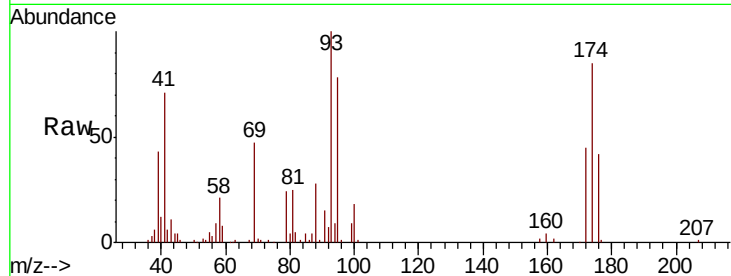




#49
1,4-Dioxane
Concen: 438.756 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

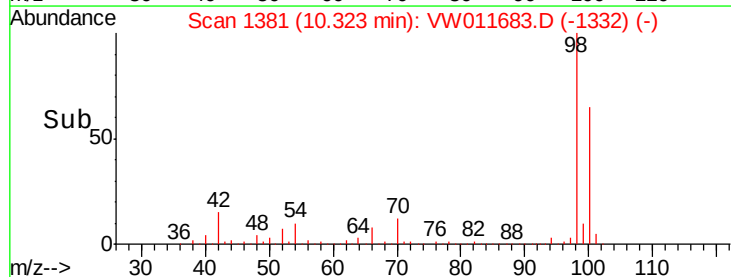
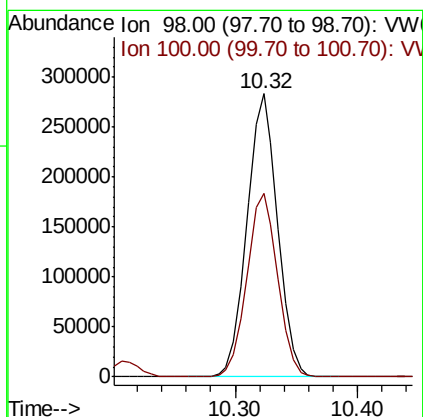
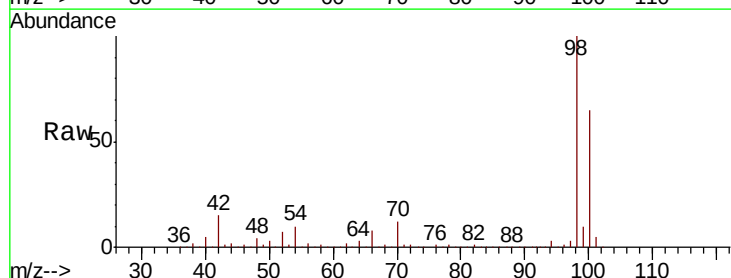
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

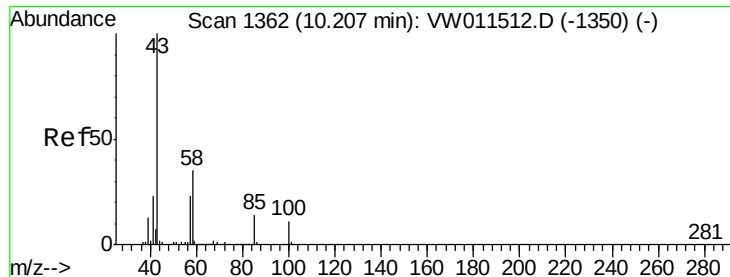
Tgt Ion: 88 Resp: 8602
Ion Ratio Lower Upper
88 100
43 36.2 34.0 51.0
58 90.5 69.7 104.5



#50
Toluene-d8
Concen: 56.222 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion: 98 Resp: 491606
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

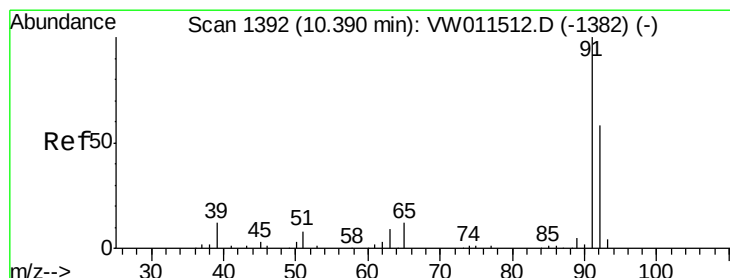
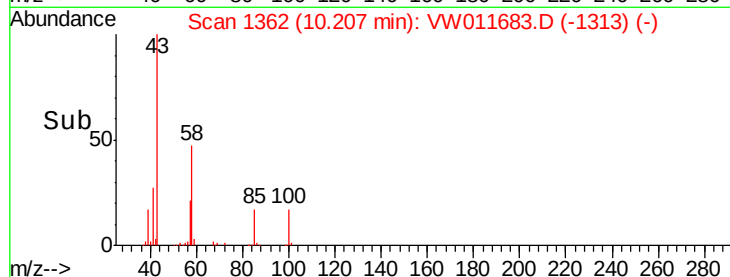
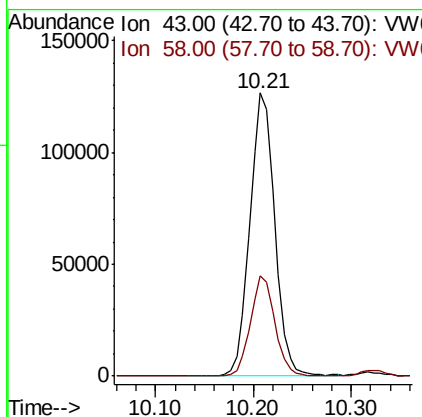
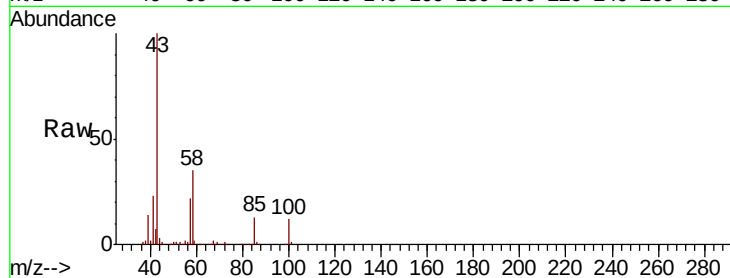




#51
 4-Methyl-2-Pentanone
 Concen: 102.218 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

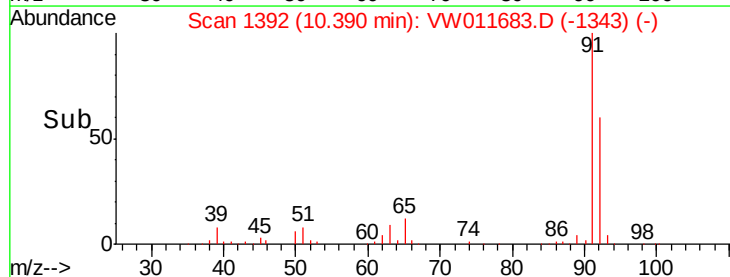
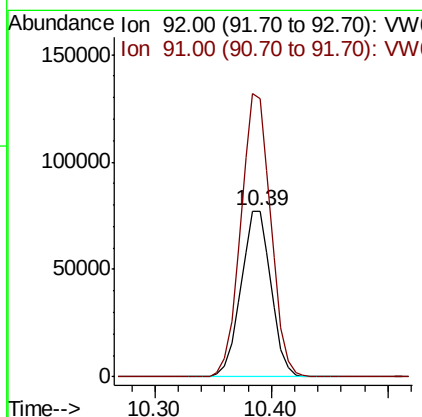
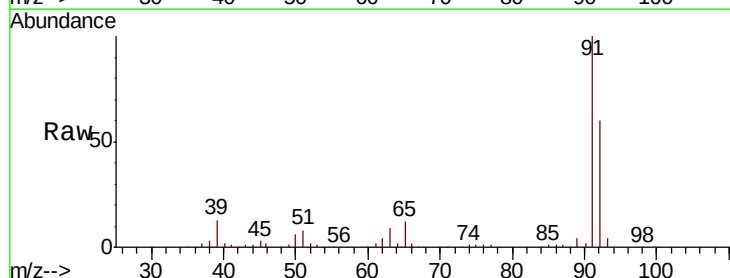
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

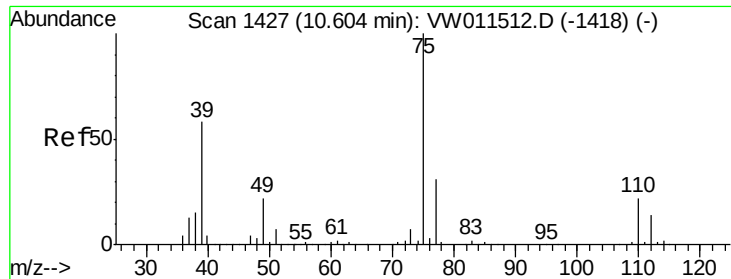
Tgt Ion: 43 Resp: 222678
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.2 42.2



#52
 Toluene
 Concen: 20.735 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 92 Resp: 138833
 Ion Ratio Lower Upper
 92 100
 91 170.1 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 18.983 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

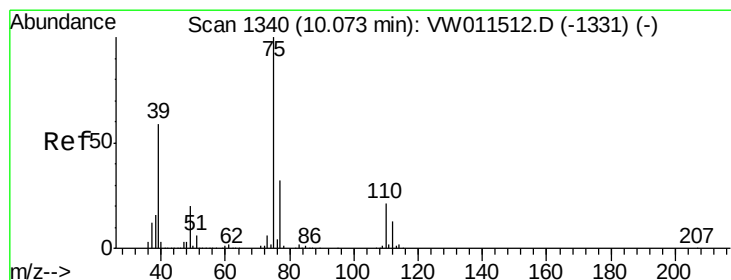
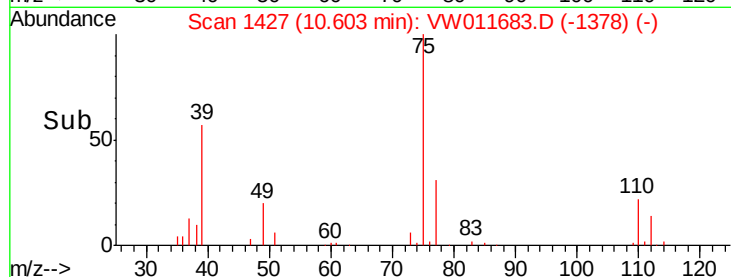
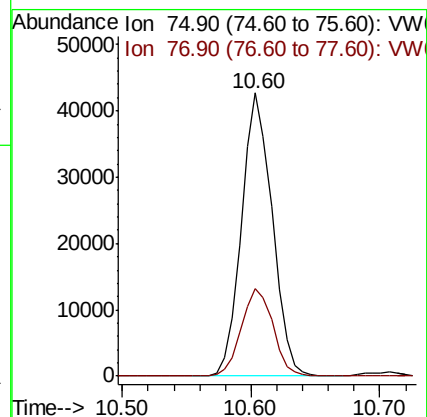
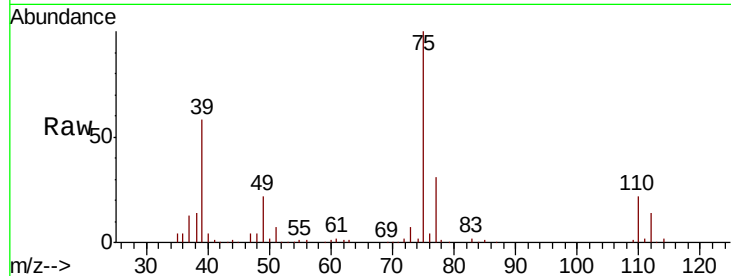
VW0804SBSD02

Tgt Ion: 75 Resp: 70432

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.317 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

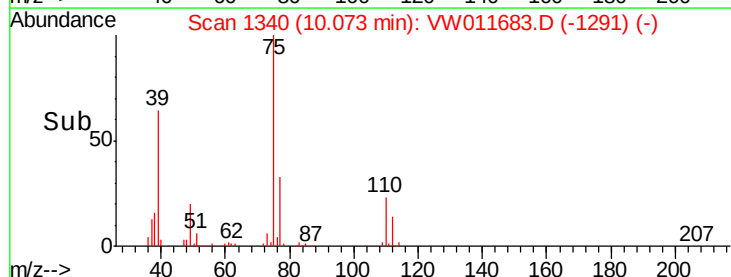
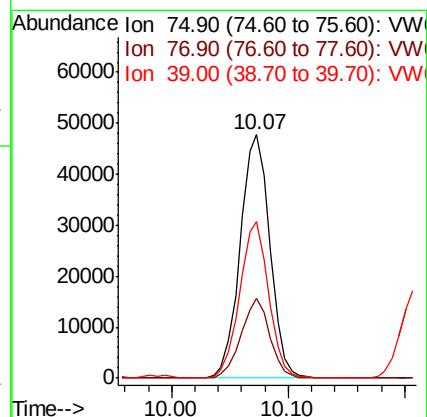
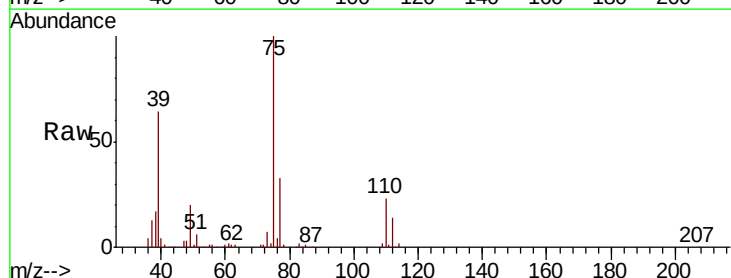
Tgt Ion: 75 Resp: 85215

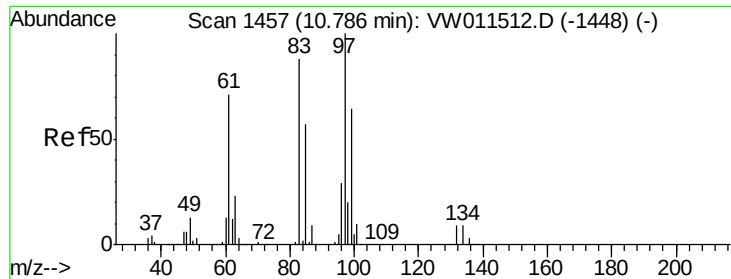
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 64.3 47.0 70.4

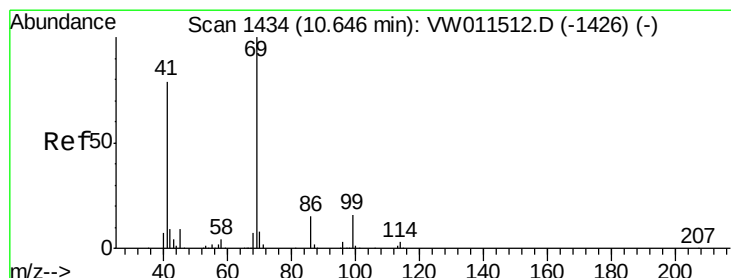
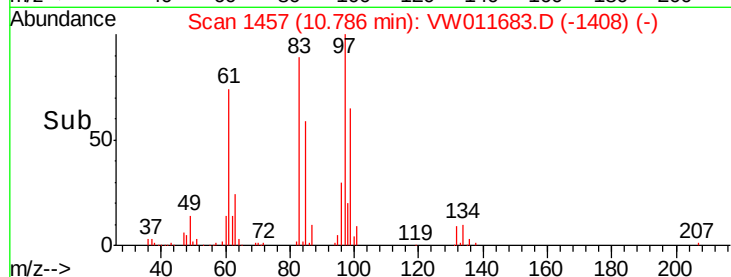
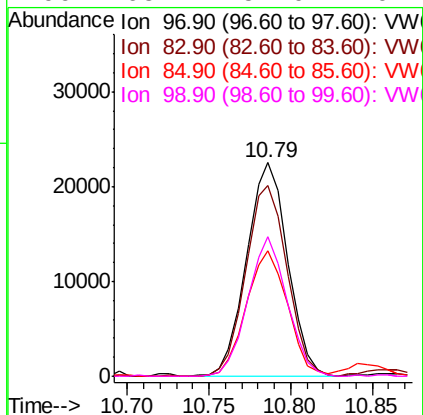
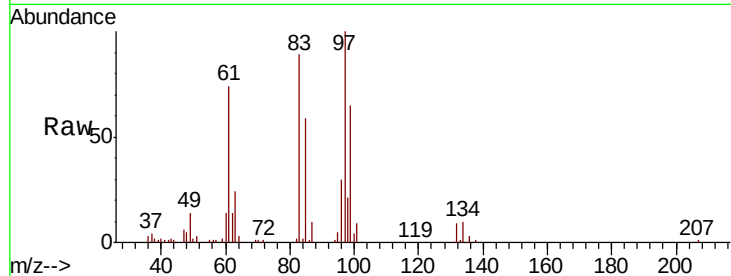




#55
 1,1,2-Trichloroethane
 Concen: 20.607 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

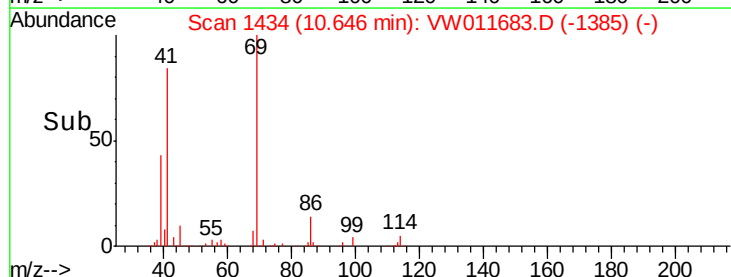
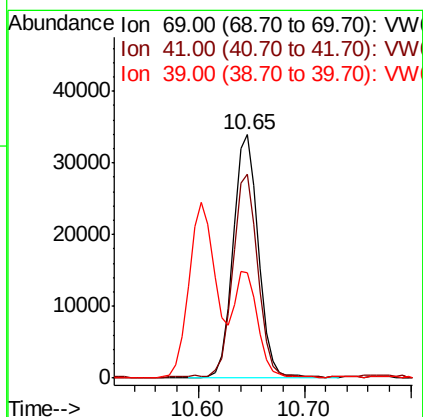
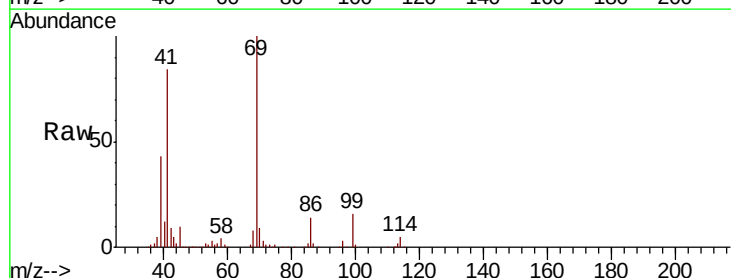
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

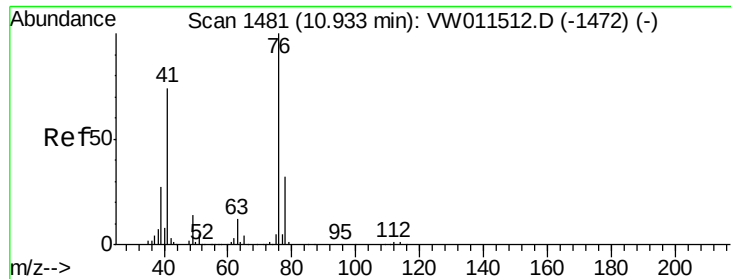
Tgt Ion:	97	Resp:	39589
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.5	105.7
85	58.7	45.8	68.6
99	65.2	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 20.181 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion:	69	Resp:	56735
Ion	Ratio	Lower	Upper
69	100		
41	82.7	66.6	99.8
39	38.7	30.3	45.5

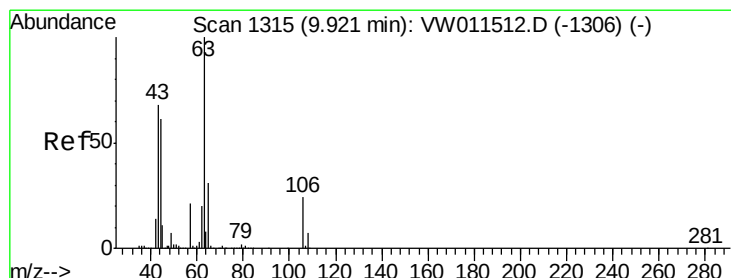
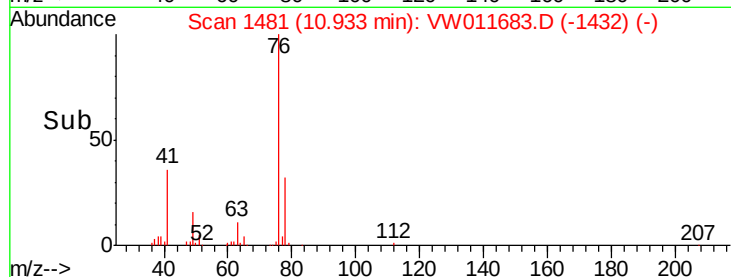
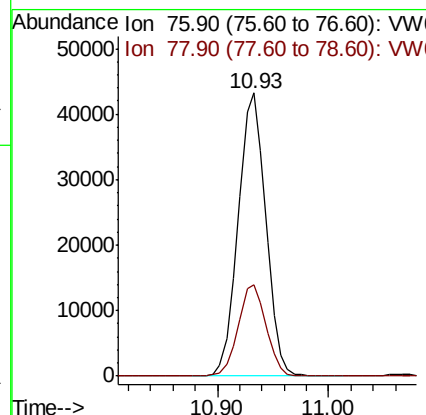
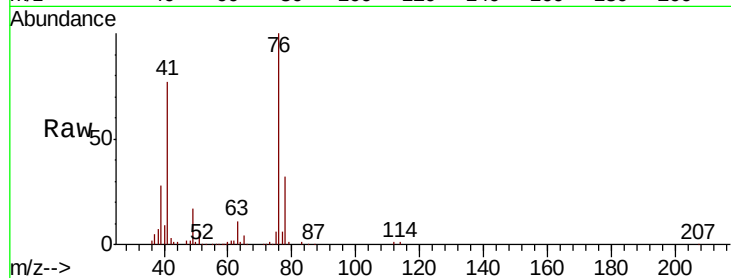




#57
 1,3-Dichloropropane
 Concen: 20.422 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

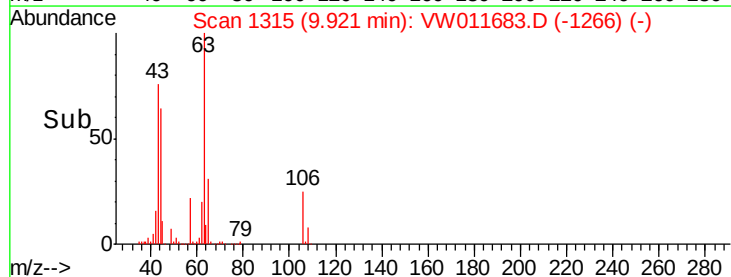
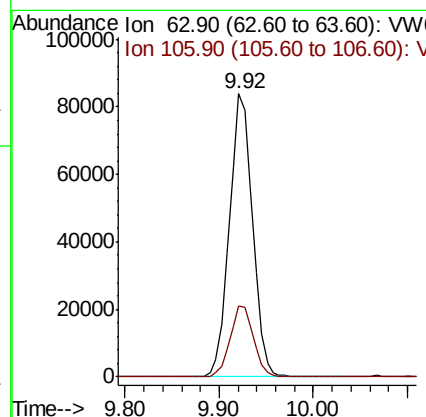
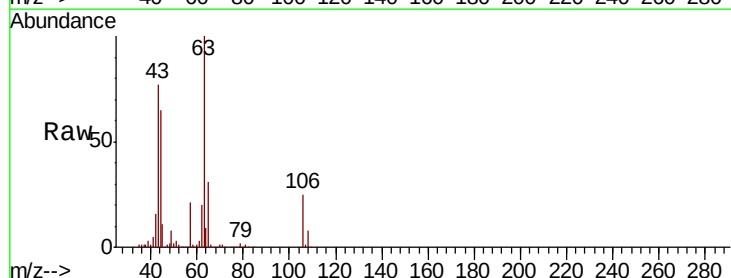
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

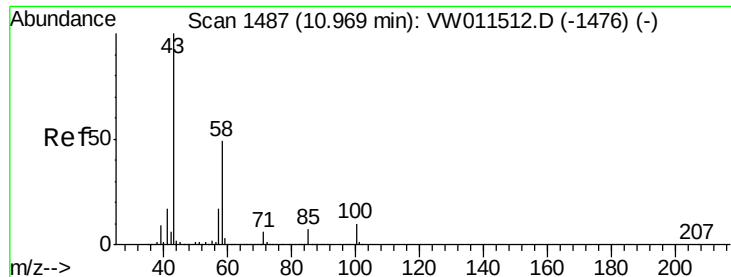
Tgt Ion: 76 Resp: 74227
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.136 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 63 Resp: 143133
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.7 29.5

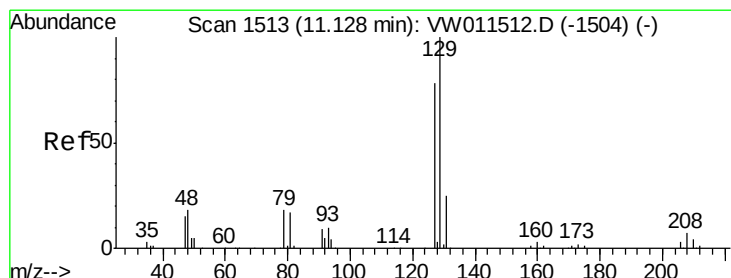
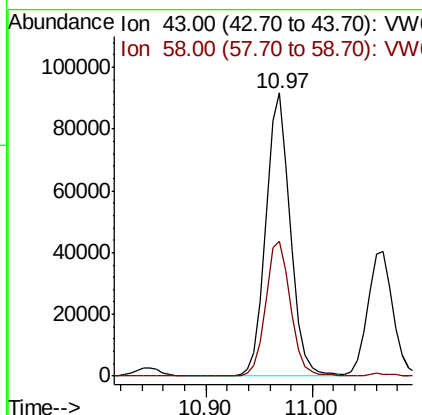
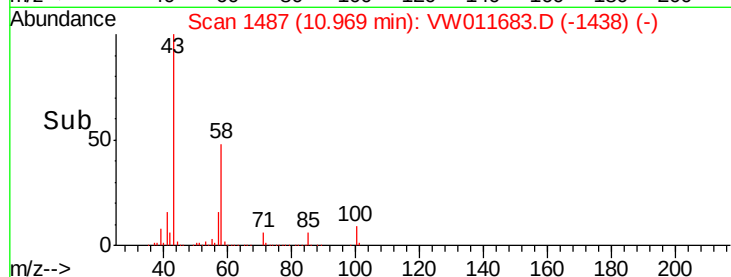
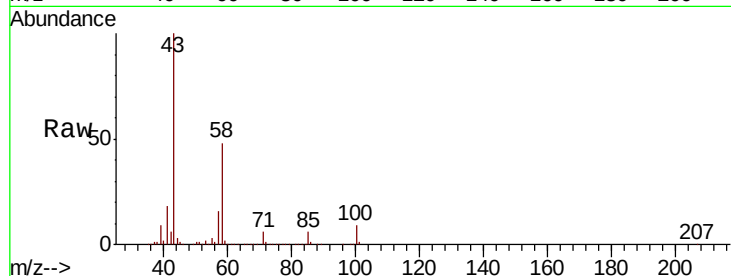




#59
2-Hexanone
Concen: 95.733 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

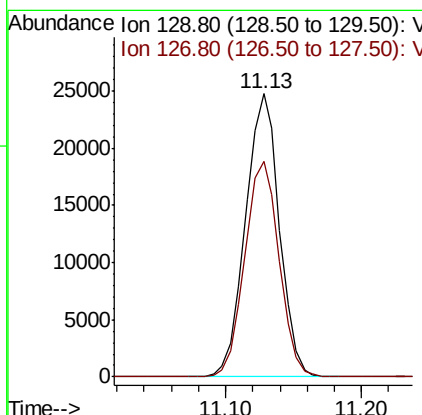
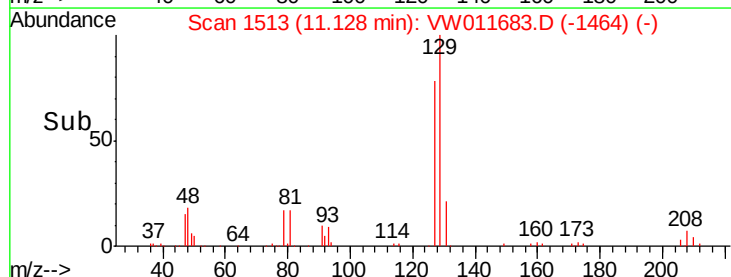
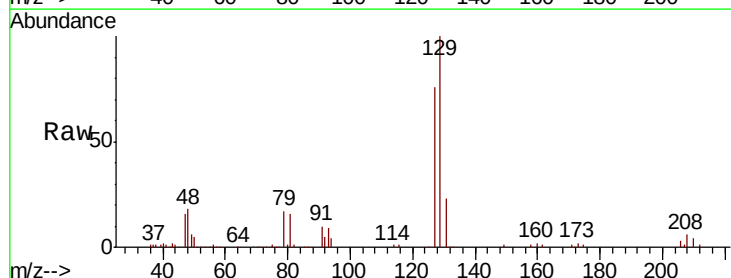
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

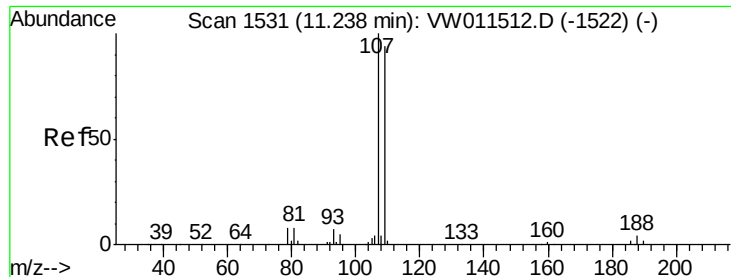
Tgt Ion: 43 Resp: 147251
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.9



#60
Dibromochloromethane
Concen: 20.237 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion: 129 Resp: 43156
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

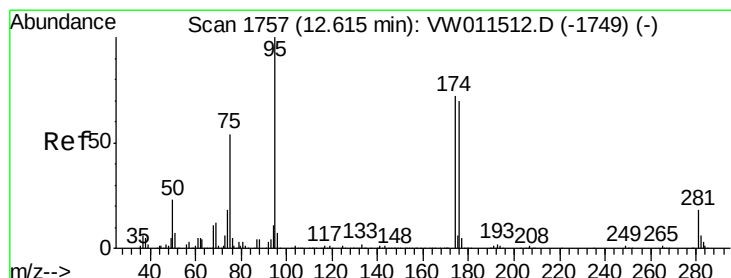
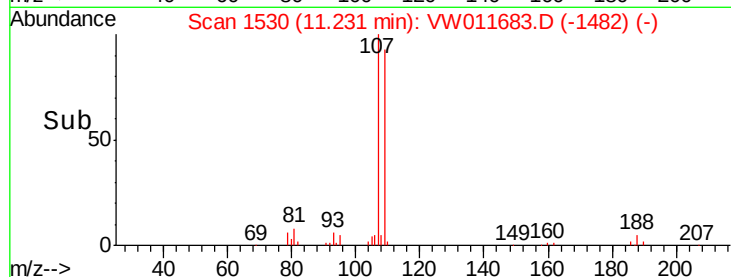
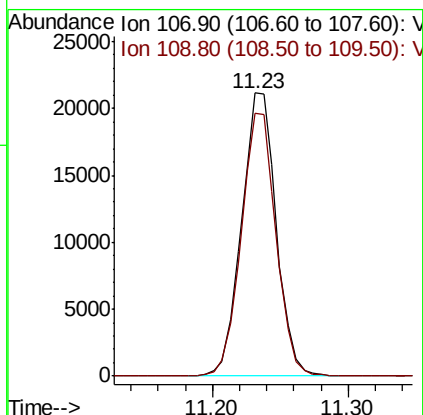
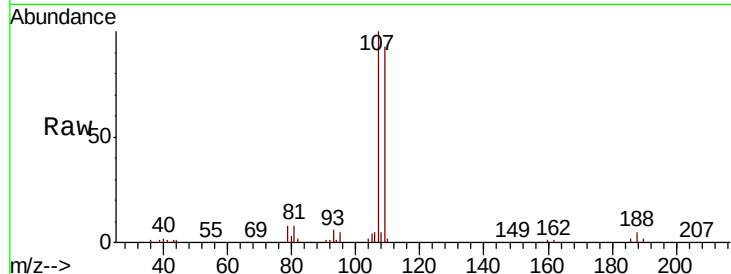




#61
 1,2-Dibromoethane
 Concen: 20.640 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

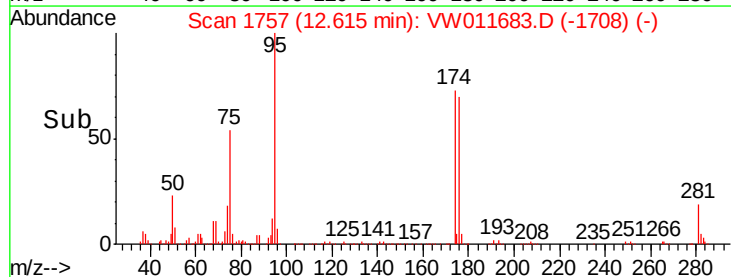
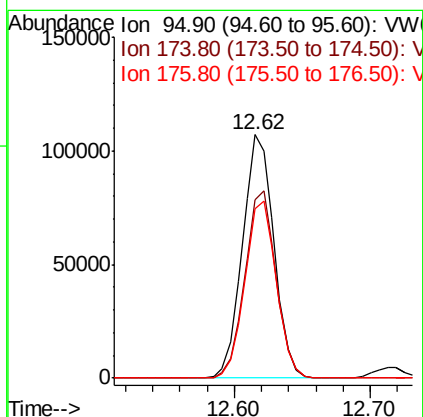
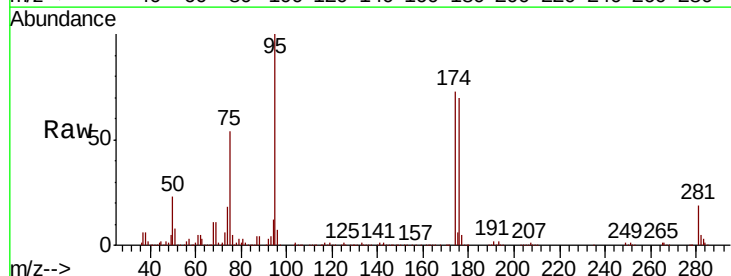
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

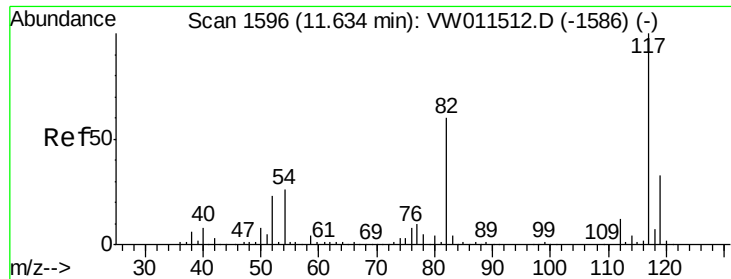
Tgt Ion: 107 Resp: 37525
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 55.455 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 95 Resp: 172874
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 150.2
 176 73.1 0.0 144.4

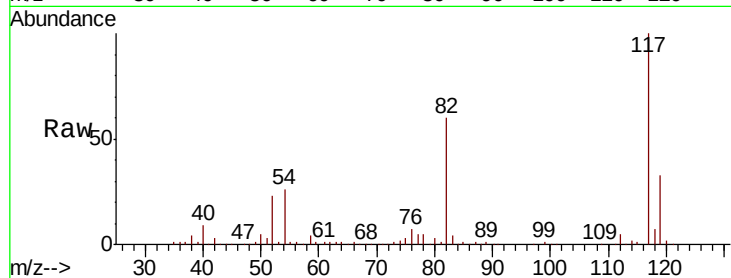




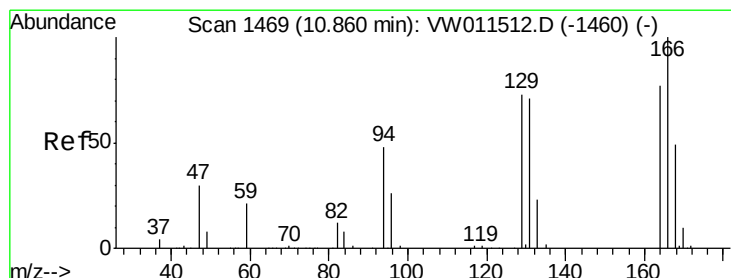
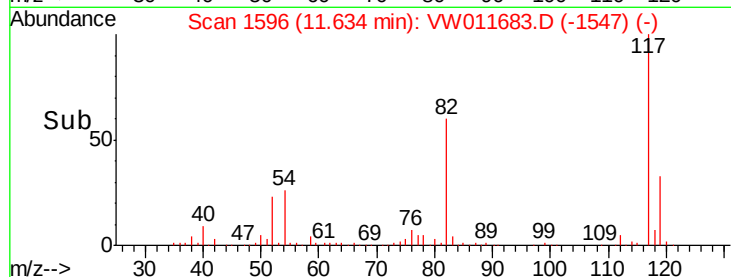
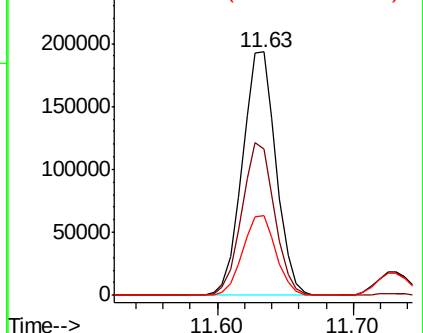
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

Tgt Ion:117 Resp: 332876
Ion Ratio Lower Upper
117 100
82 60.0 47.9 71.9
119 32.6 26.2 39.2

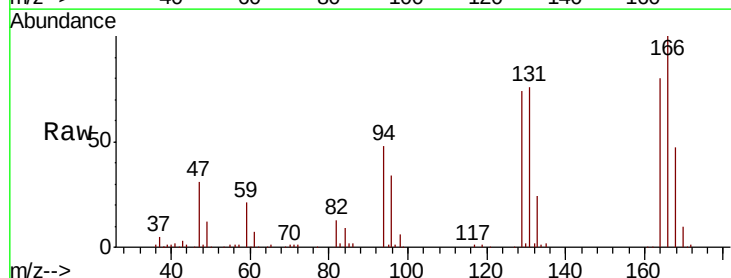


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

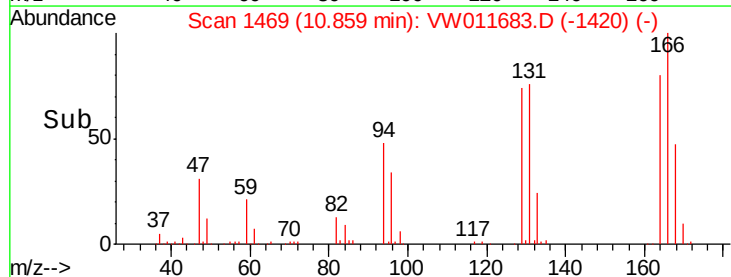
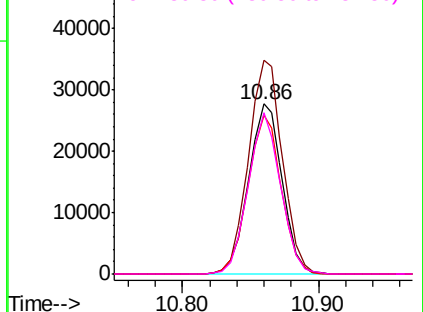


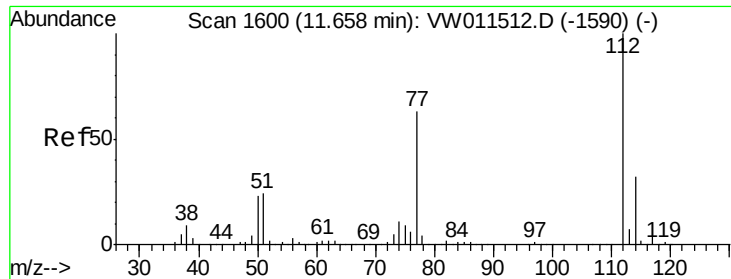
#64
Tetrachloroethene
Concen: 22.102 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion:164 Resp: 47904
Ion Ratio Lower Upper
164 100
166 125.7 103.5 155.3
129 93.1 75.2 112.8
131 95.3 73.4 110.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

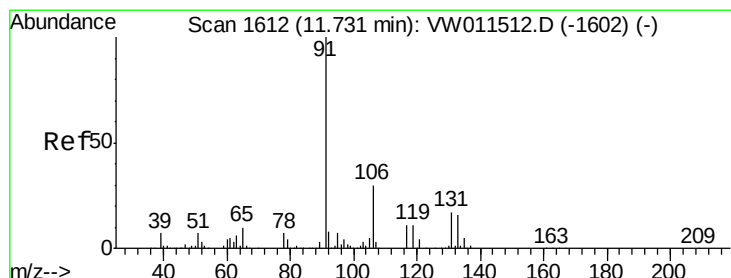
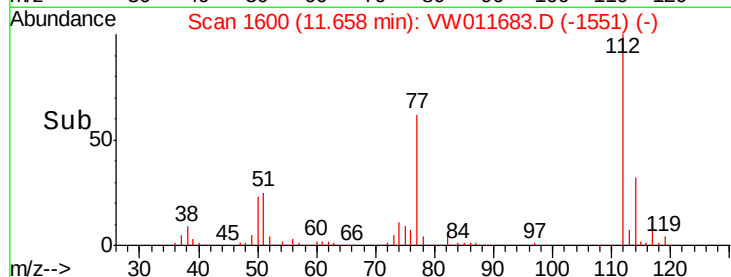
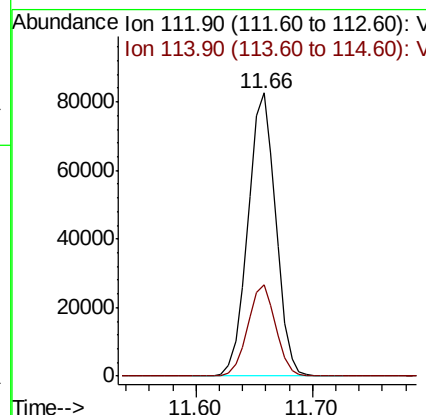
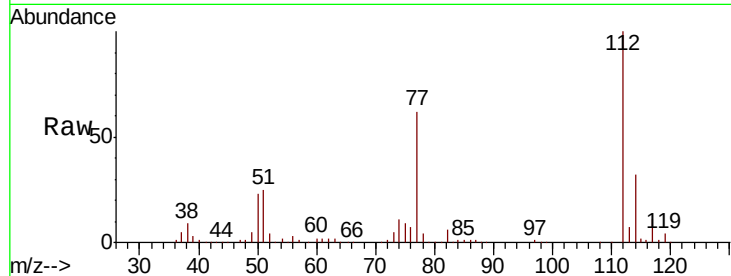




#65
Chlorobenzene
Concen: 20.583 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

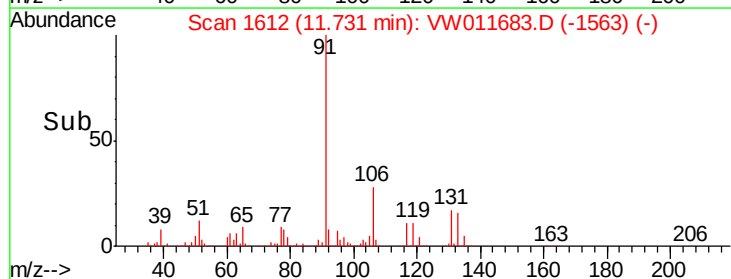
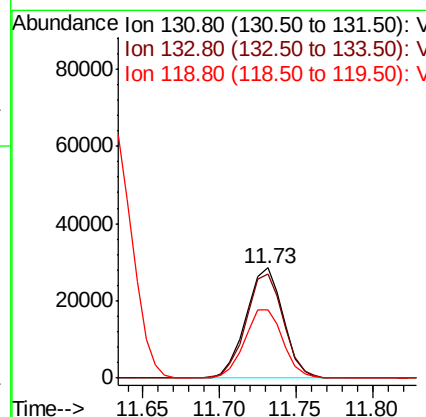
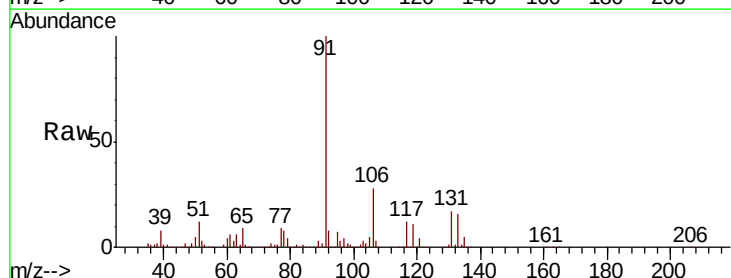
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

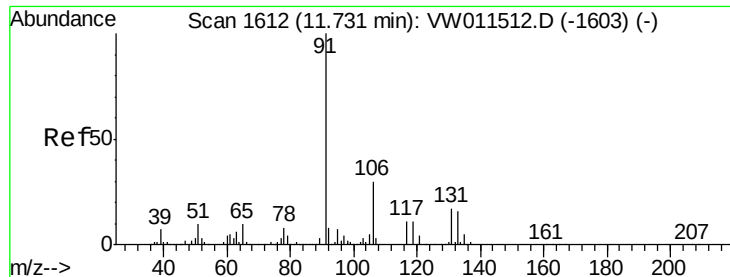
Tgt Ion:112 Resp: 137752
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.674 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion:131 Resp: 48194
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 63.8 32.3 96.9

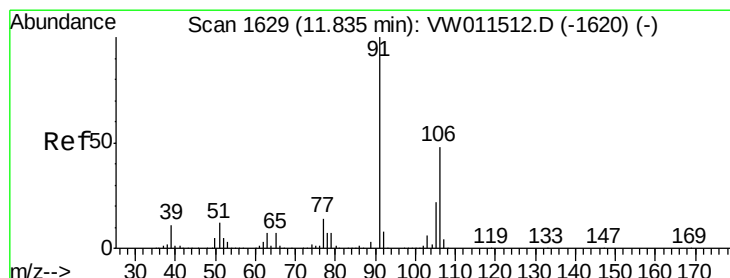
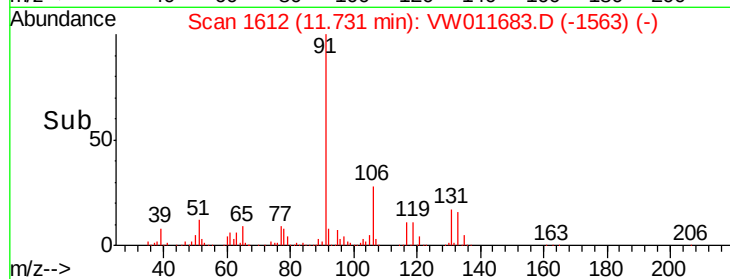
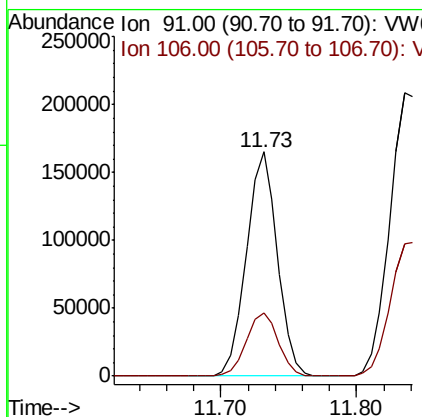
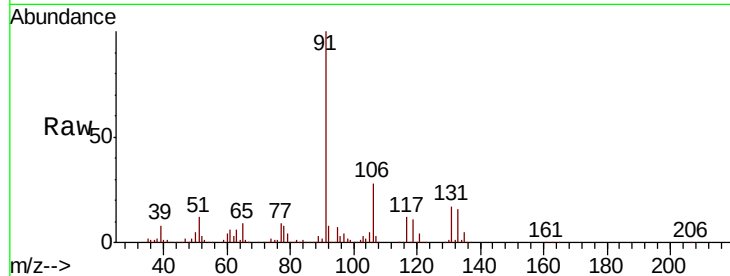




#67
Ethyl Benzene
Concen: 20.626 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

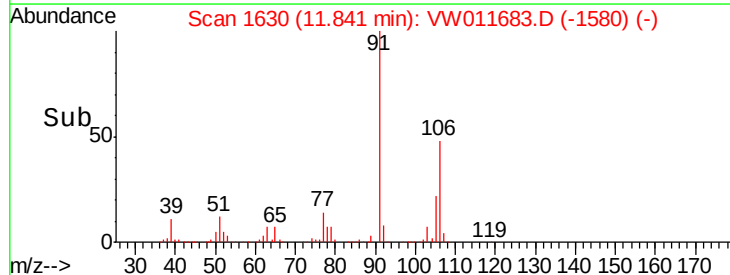
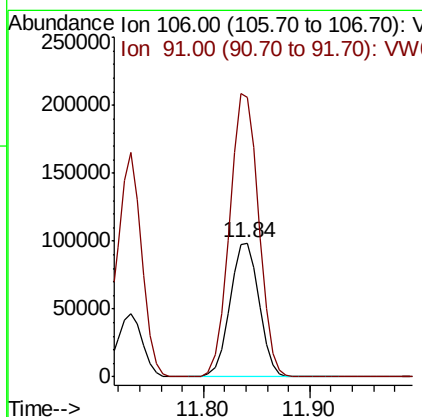
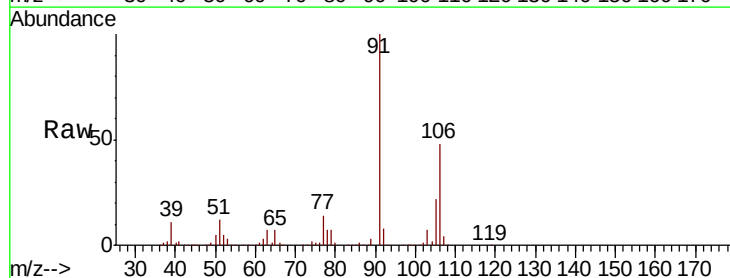
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

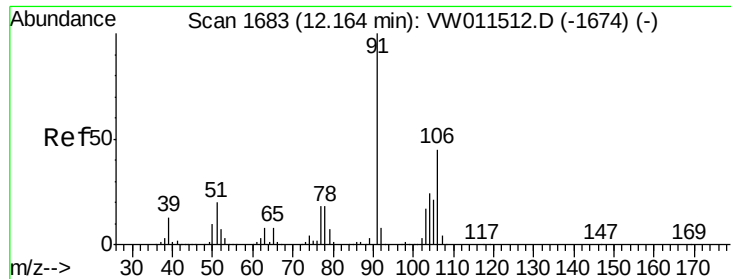
Tgt Ion: 91 Resp: 262898
Ion Ratio Lower Upper
91 100
106 28.1 23.8 35.6



#68
m/p-Xylenes
Concen: 40.770 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion: 106 Resp: 188979
Ion Ratio Lower Upper
106 100
91 211.6 168.2 252.2

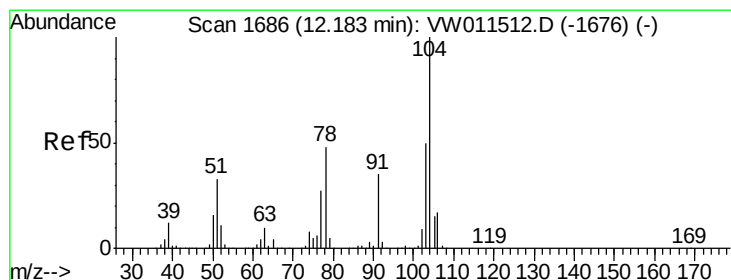
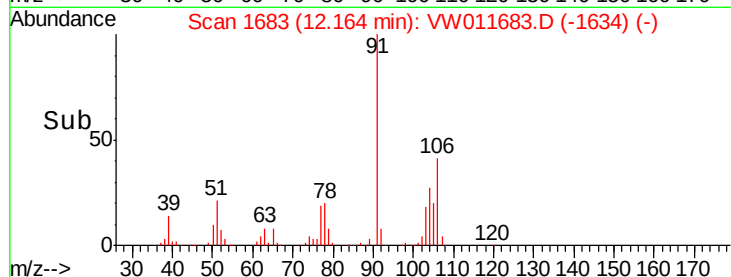
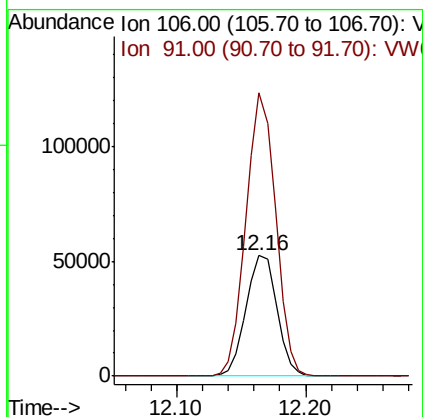
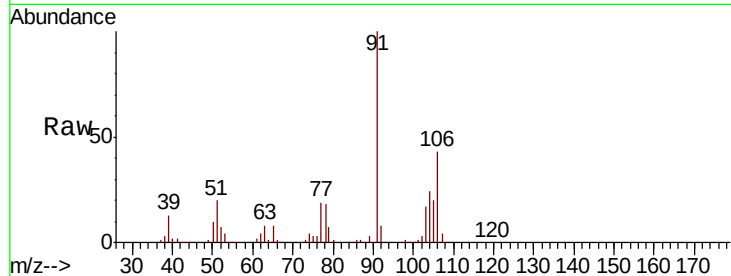




#69
o-Xylene
Concen: 20.255 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

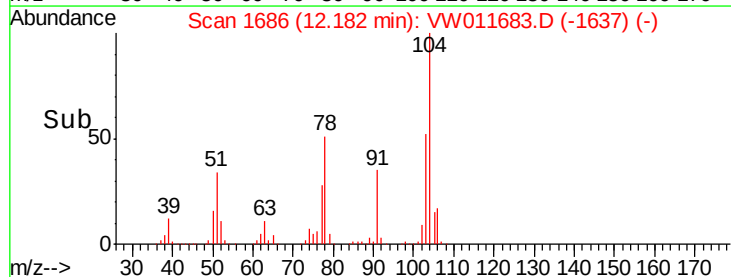
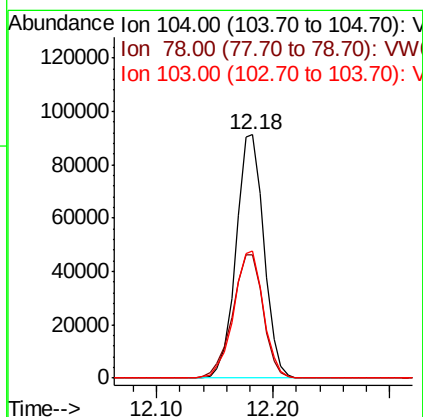
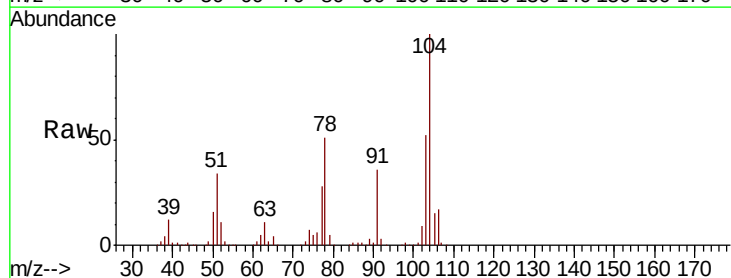
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

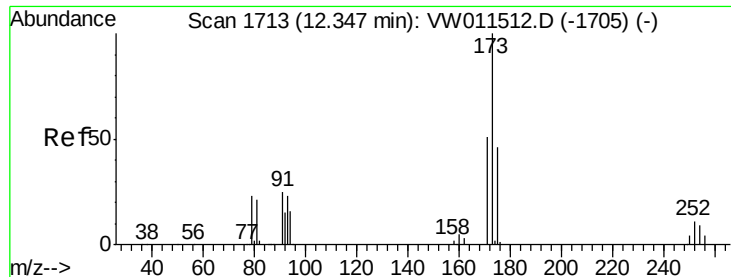
Tgt Ion:106 Resp: 87246
Ion Ratio Lower Upper
106 100
91 225.3 110.5 331.5



#70
Styrene
Concen: 20.461 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion:104 Resp: 152387
Ion Ratio Lower Upper
104 100
78 55.6 43.4 65.0
103 55.4 43.9 65.9

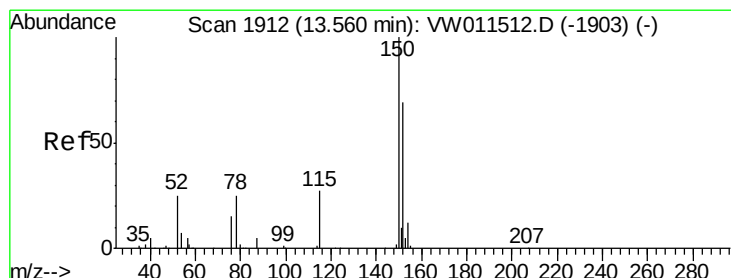
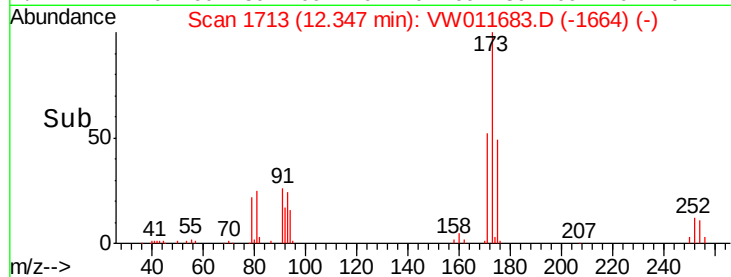
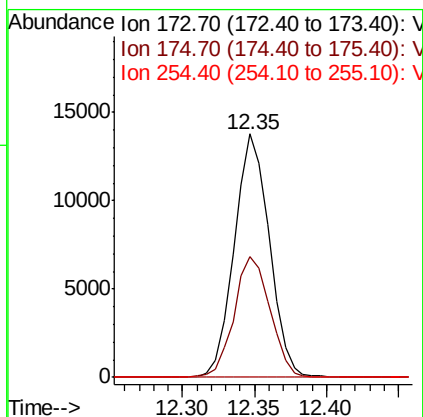
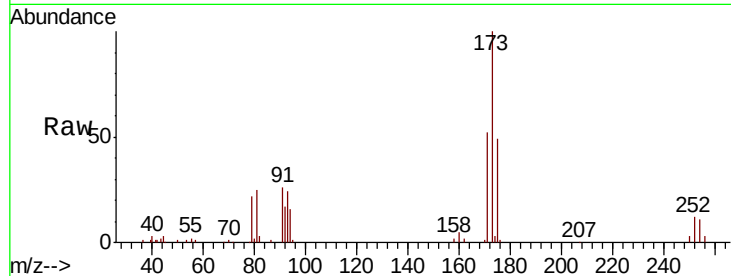




#71
Bromoform
Concen: 19.588 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

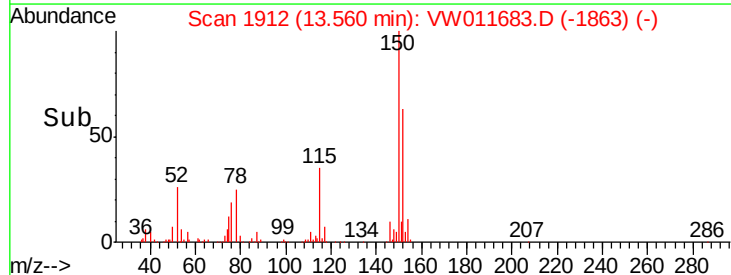
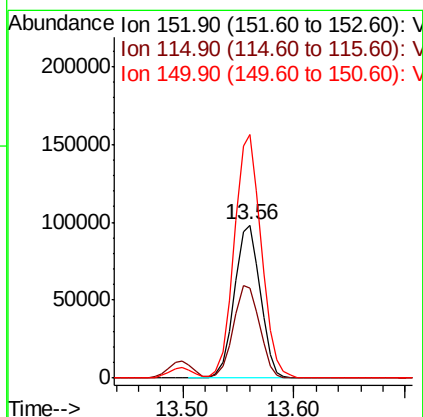
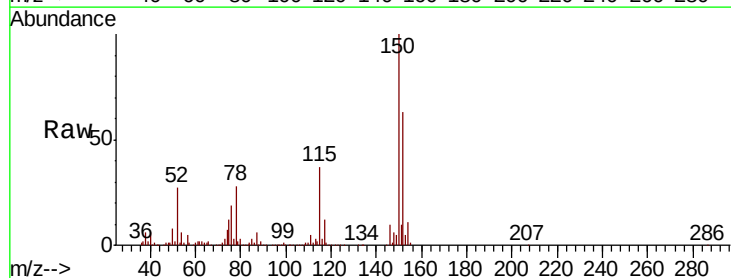
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

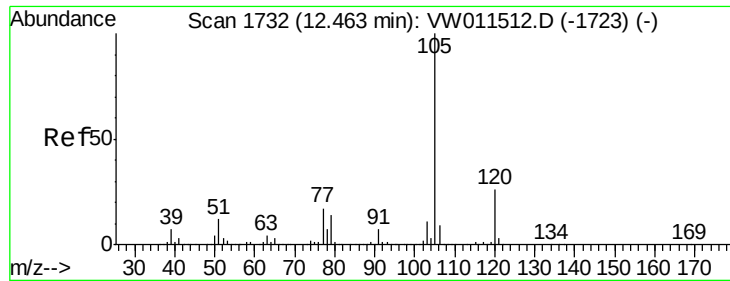
Tgt Ion:173 Resp: 23281
Ion Ratio Lower Upper
173 100
175 50.8 23.6 71.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion:152 Resp: 157947
Ion Ratio Lower Upper
152 100
115 61.4 30.5 91.5
150 165.3 0.0 352.6





#73

Isopropylbenzene

Concen: 20.548 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

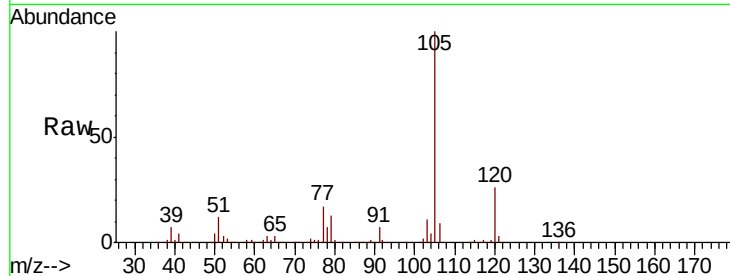
VW0804SBSD02

Tgt Ion: 105 Resp: 242117

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

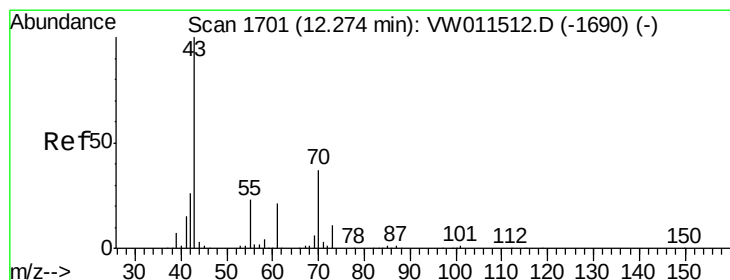
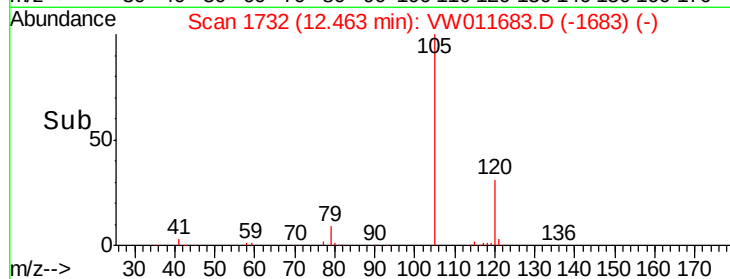
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.323 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Tgt Ion: 43 Resp: 67595

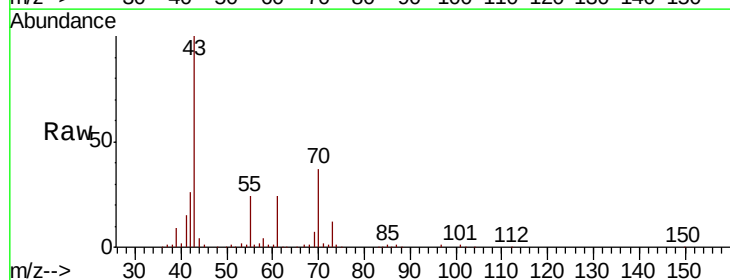
Ion Ratio Lower Upper

43 100

70 36.3 28.6 43.0

55 23.4 17.8 26.8

61 21.9 17.0 25.6



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

12.27

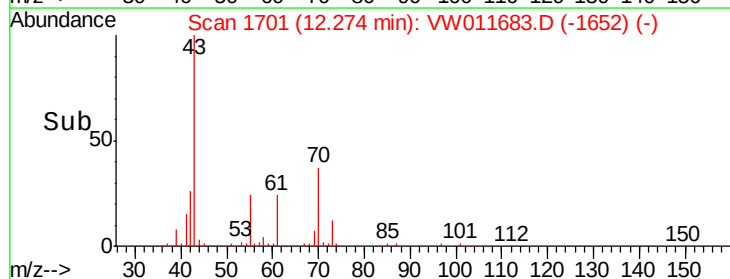
60000

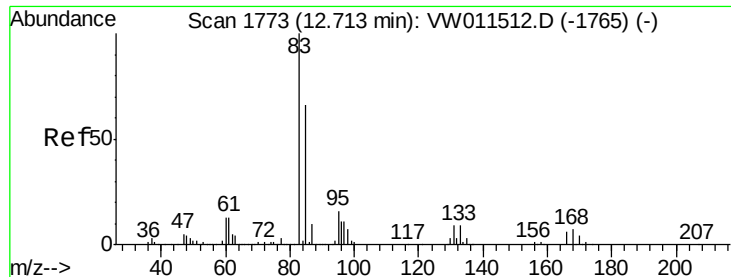
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.115 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

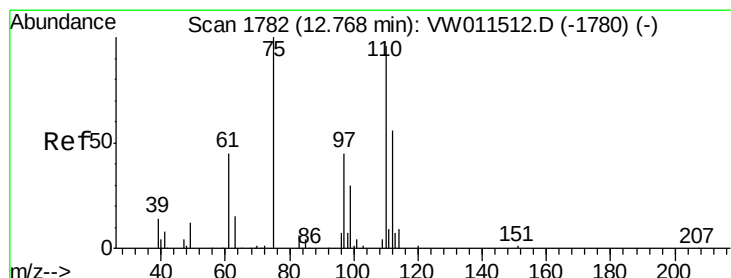
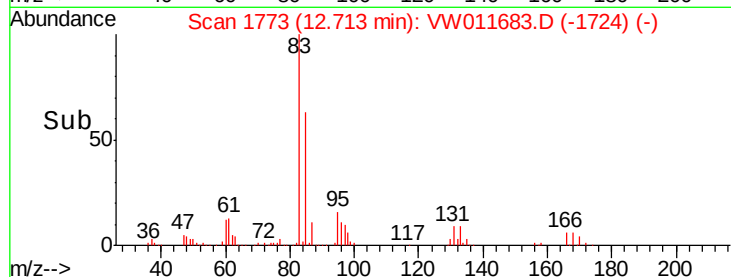
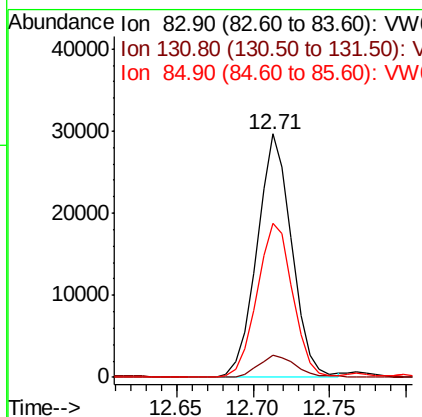
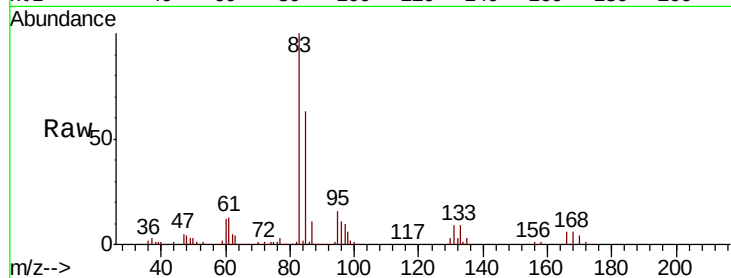
Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

Tgt Ion:	83	Resp:	46799
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.7	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 35.975 ug/l

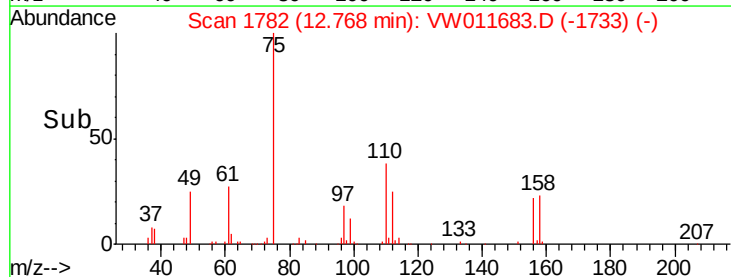
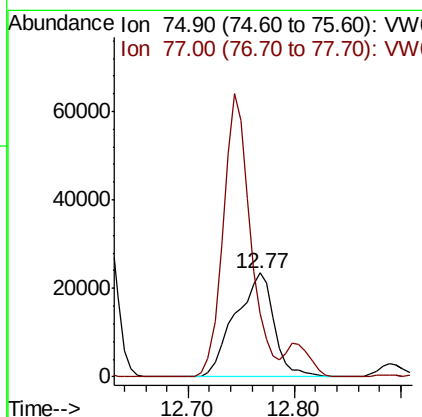
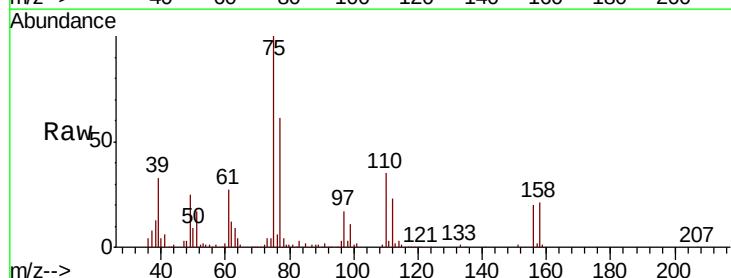
RT: 12.77 min Scan# 1782

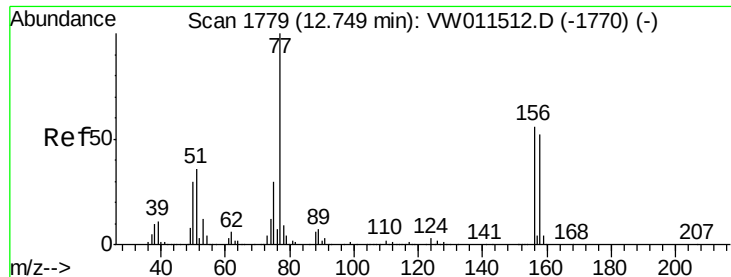
Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Tgt Ion:	75	Resp:	60124
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.176 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

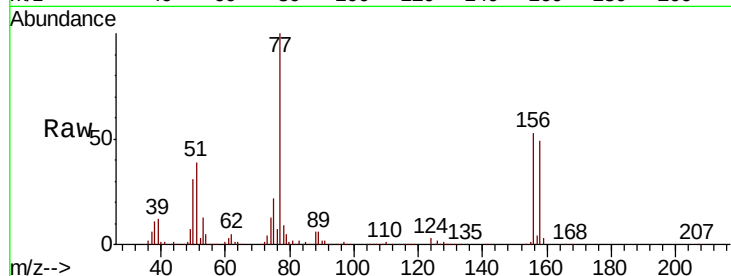
Tgt Ion:156 Resp: 55152

Ion Ratio Lower Upper

156 100

77 209.1 106.5 319.4

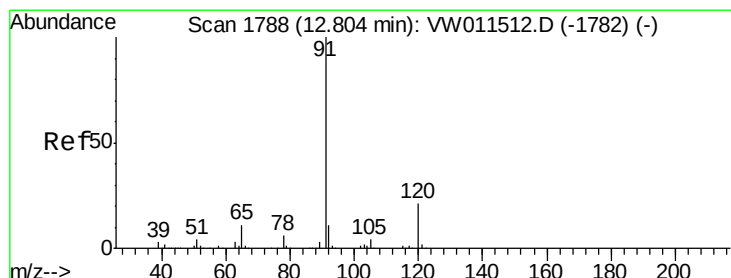
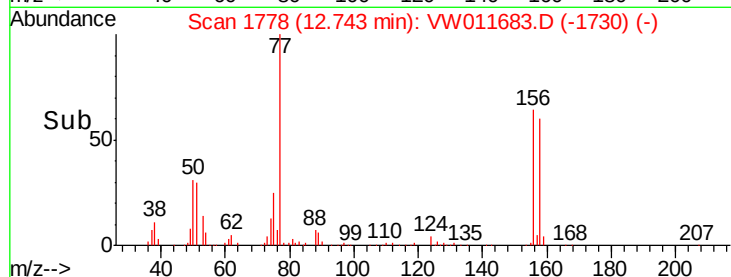
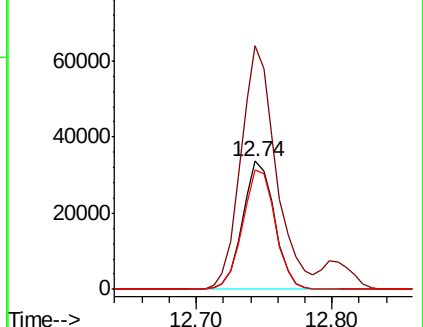
158 95.7 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.680 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011683.D

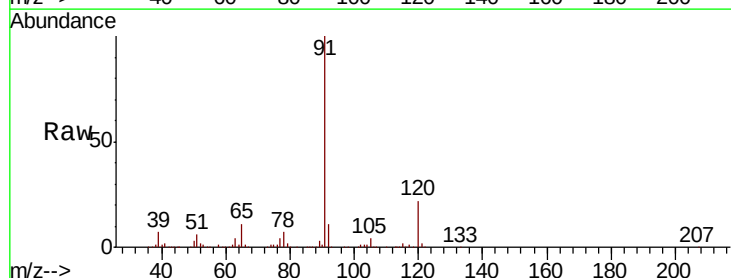
Acq: 04 Aug 2019 00:47

Tgt Ion: 91 Resp: 296551

Ion Ratio Lower Upper

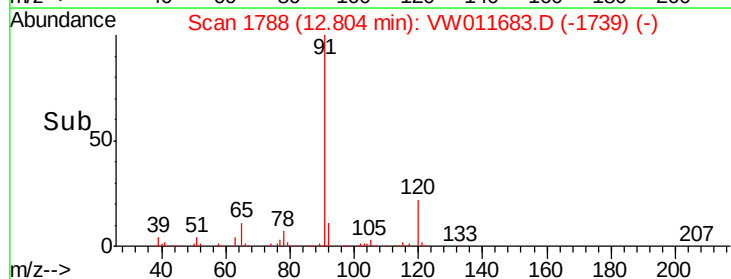
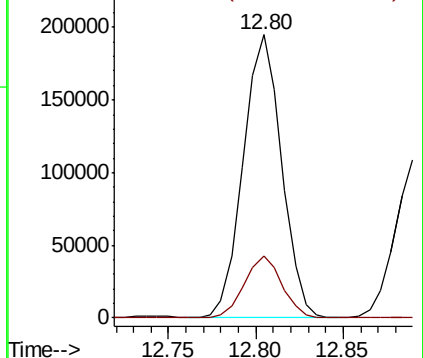
91 100

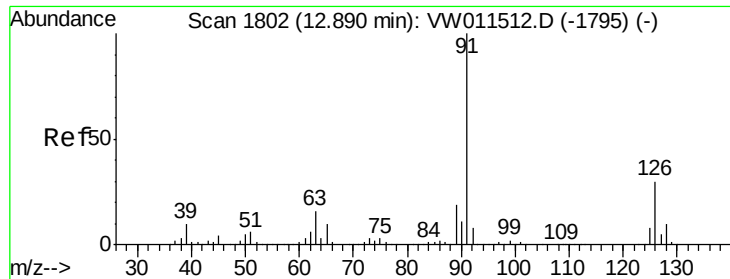
120 21.4 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

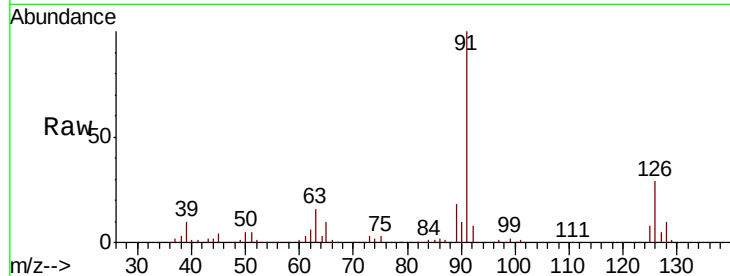




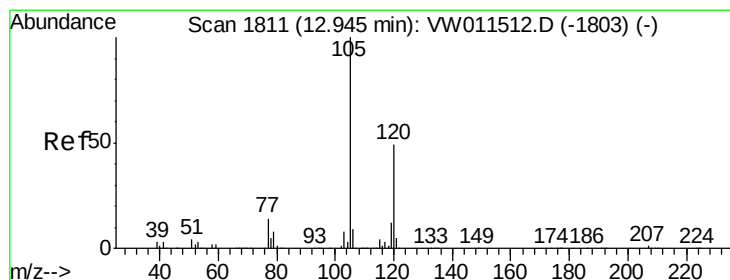
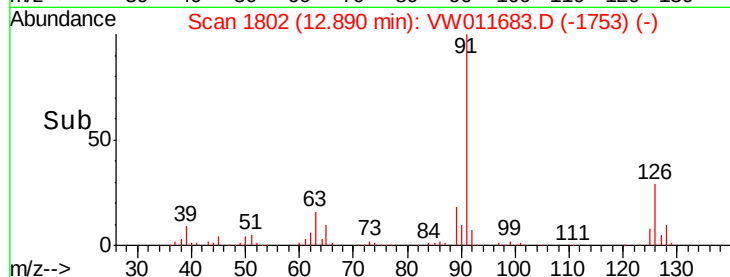
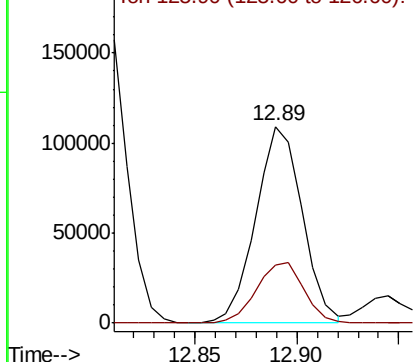
#79
 2-Chlorotoluene
 Concen: 20.978 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

Tgt Ion: 91 Resp: 173309
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.7 47.1

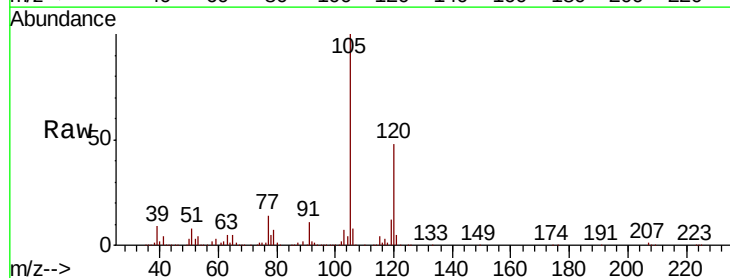


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

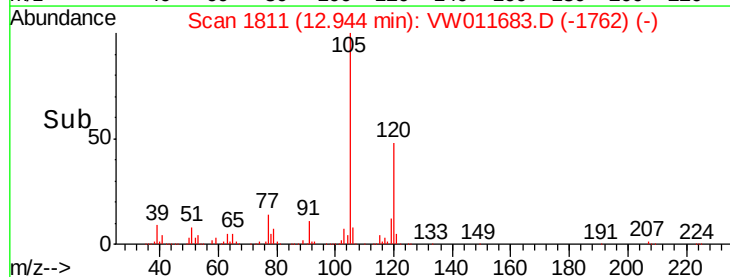
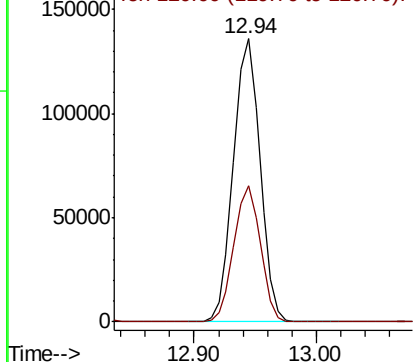


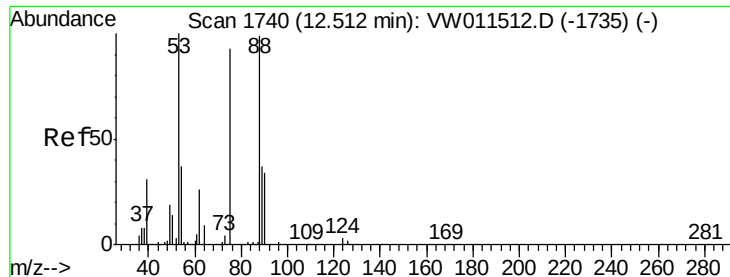
#80
 1,3,5-Trimethylbenzene
 Concen: 20.791 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 105 Resp: 205354
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.764 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

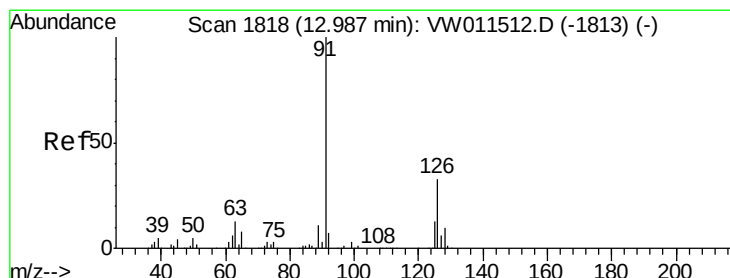
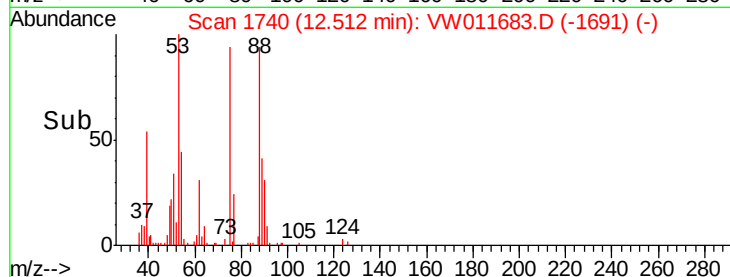
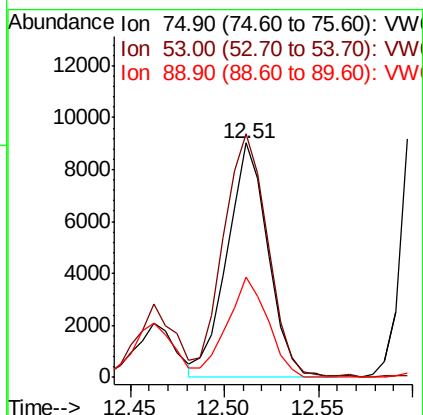
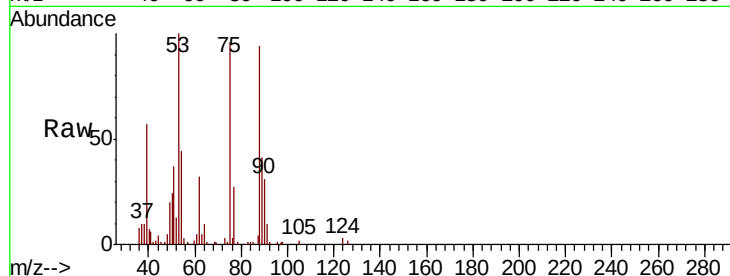
Tgt Ion: 75 Resp: 13607

Ion Ratio Lower Upper

75 100

53 113.4 88.0 132.0

89 42.6 35.3 52.9



#82

4-Chlorotoluene

Concen: 21.038 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011683.D

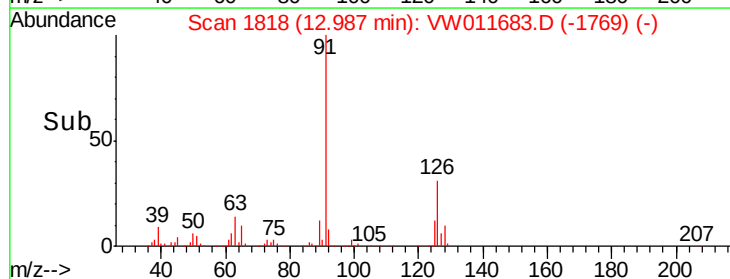
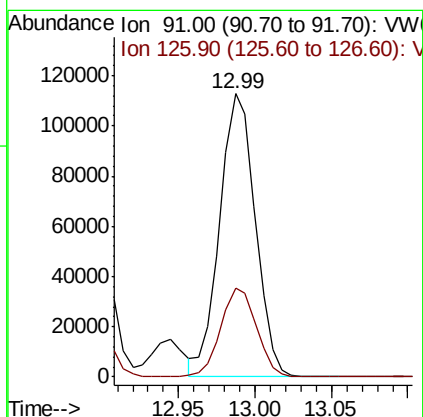
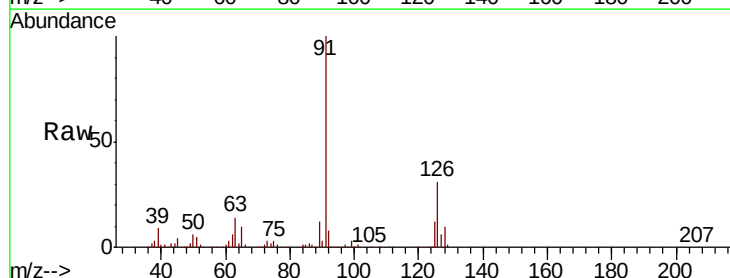
Acq: 04 Aug 2019 00:47

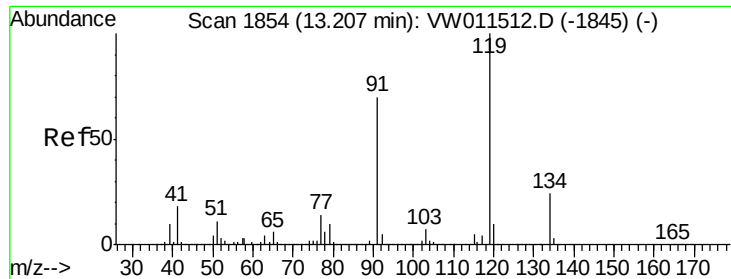
Tgt Ion: 91 Resp: 182358

Ion Ratio Lower Upper

91 100

126 31.5 15.6 46.8





#83

tert-Butylbenzene

Concen: 20.661 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

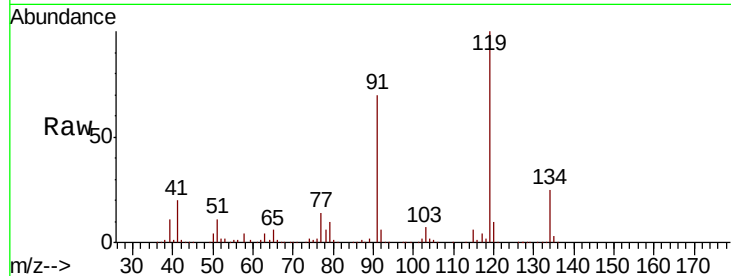
Tgt Ion:119 Resp: 170660

Ion Ratio Lower Upper

119 100

91 68.7 34.5 103.6

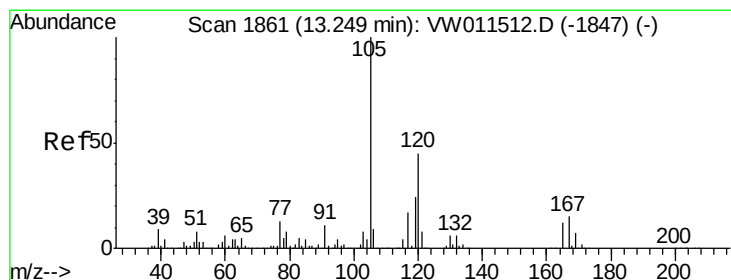
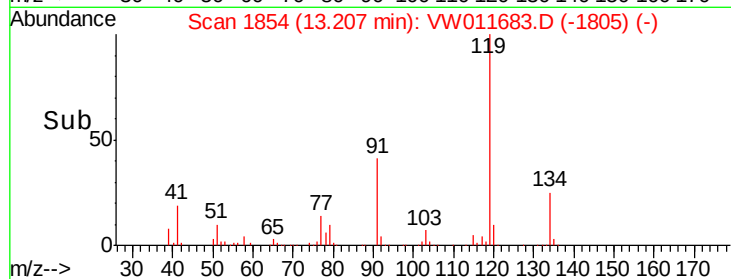
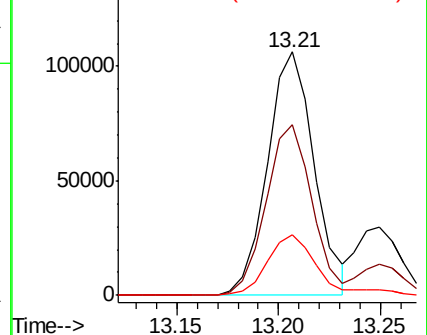
134 26.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.663 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW011683.D

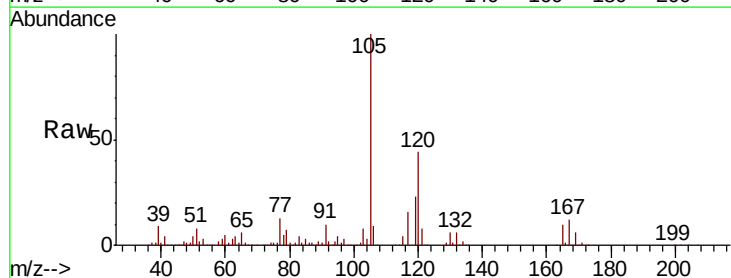
Acq: 04 Aug 2019 00:47

Tgt Ion:105 Resp: 205593

Ion Ratio Lower Upper

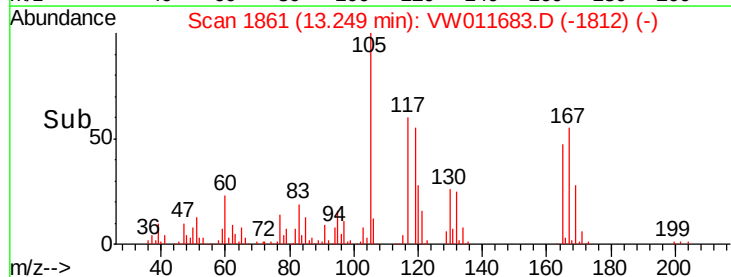
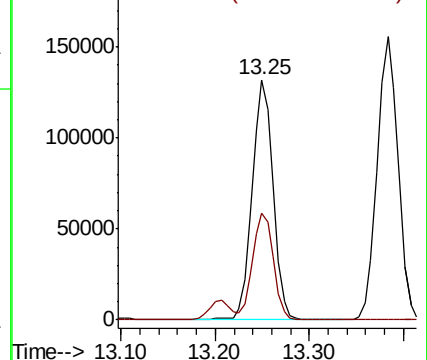
105 100

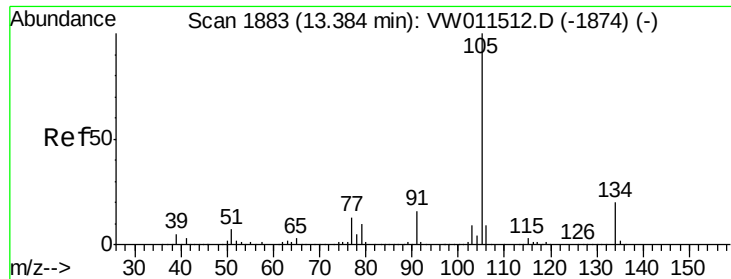
120 44.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.293 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

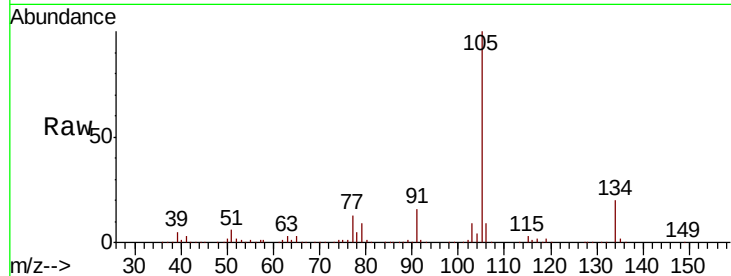
VW0804SBSD02

Tgt Ion:105 Resp: 239164

Ion Ratio Lower Upper

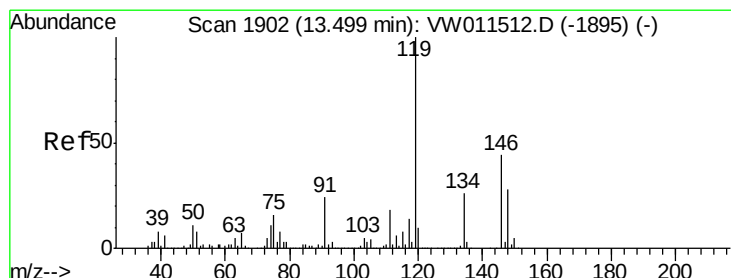
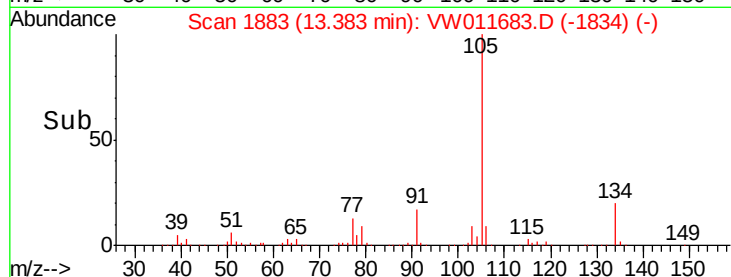
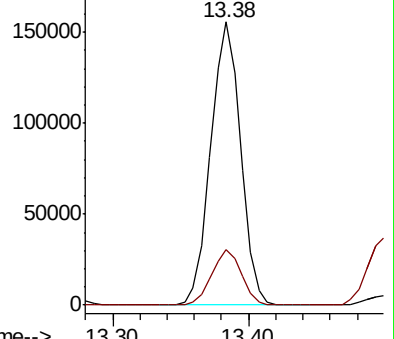
105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.956 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

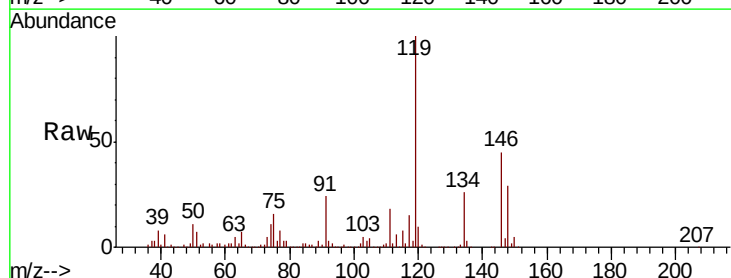
Tgt Ion:119 Resp: 213393

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

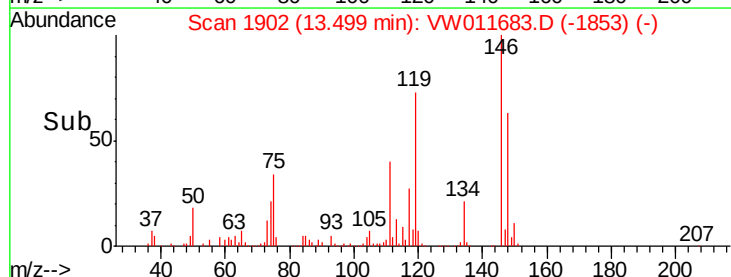
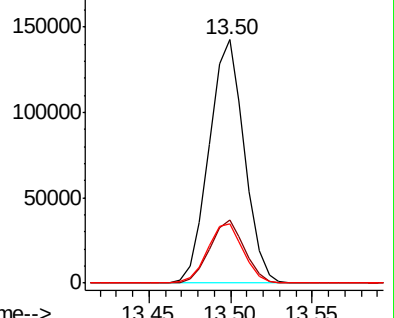
91 24.6 12.1 36.3

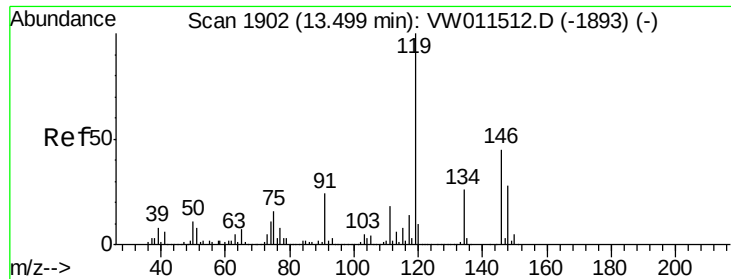


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

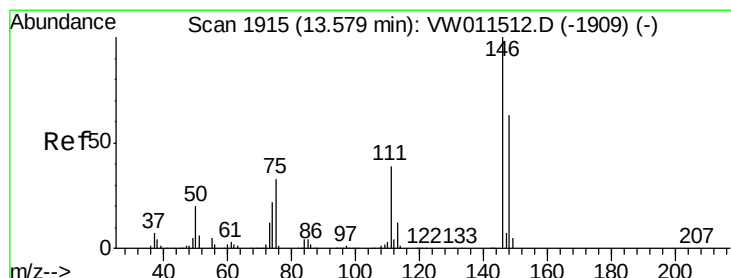
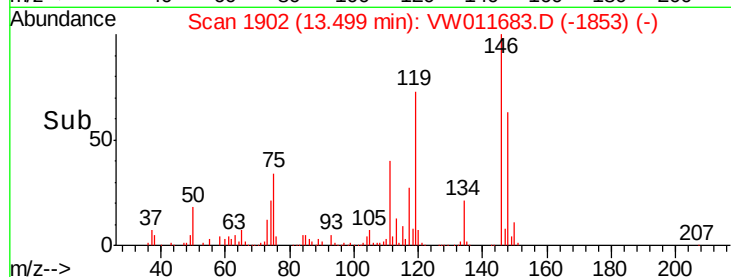
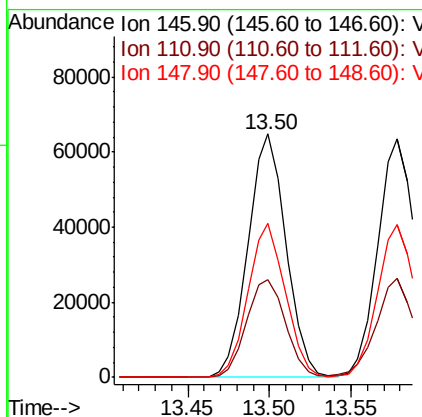
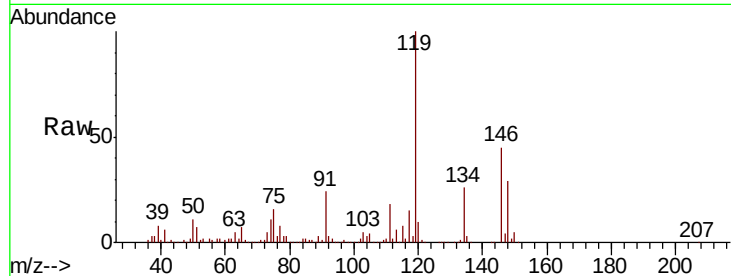




#87
 1,3-Dichlorobenzene
 Concen: 20.520 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

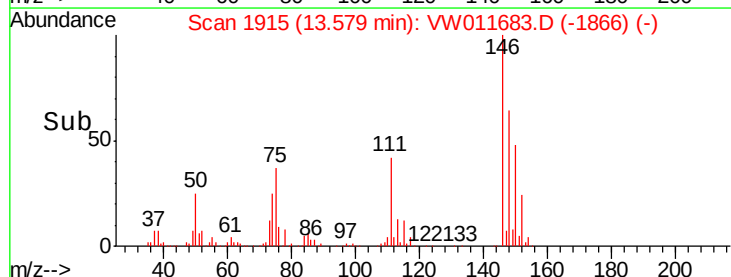
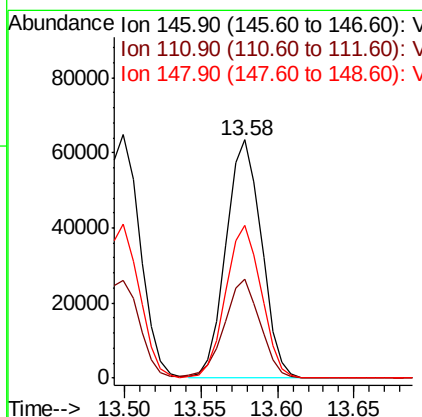
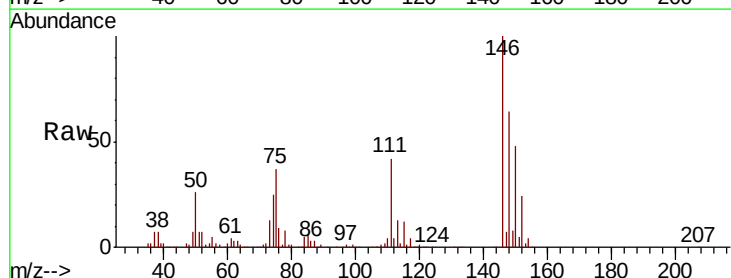
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

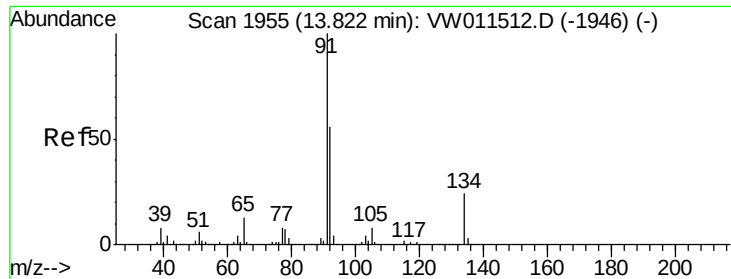
Tgt Ion:146 Resp: 104791
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.5 61.6
 148 62.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.124 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion:146 Resp: 102229
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.2
 148 64.6 31.9 95.9





#89

n-Butylbenzene

Concen: 19.030 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011683.D

Acq: 04 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD02

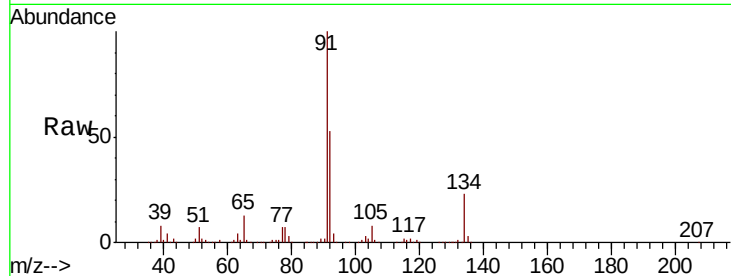
Tgt Ion: 91 Resp: 203073

Ion Ratio Lower Upper

91 100

92 53.7 27.5 82.4

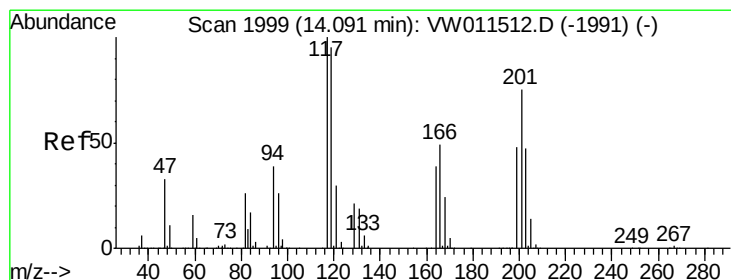
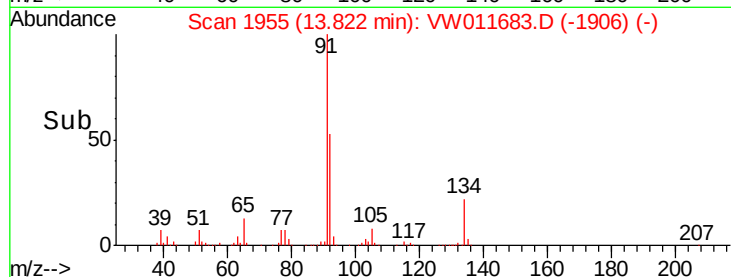
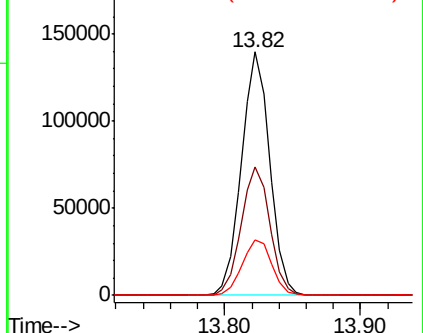
134 23.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.900 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011683.D

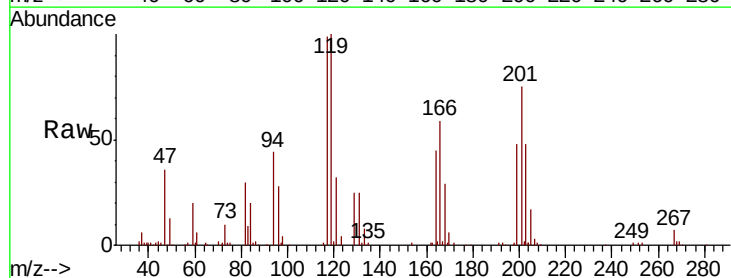
Acq: 04 Aug 2019 00:47

Tgt Ion: 117 Resp: 37629

Ion Ratio Lower Upper

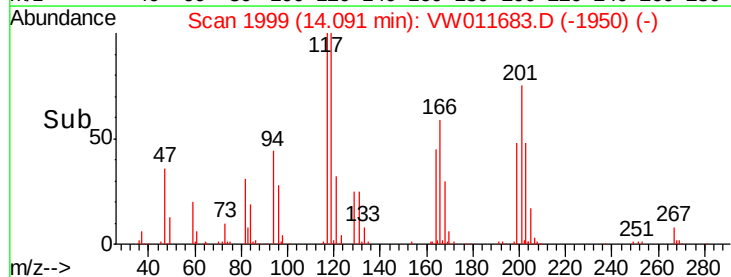
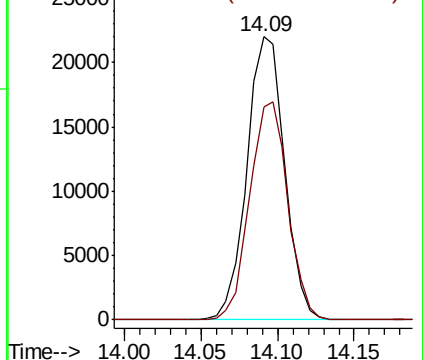
117 100

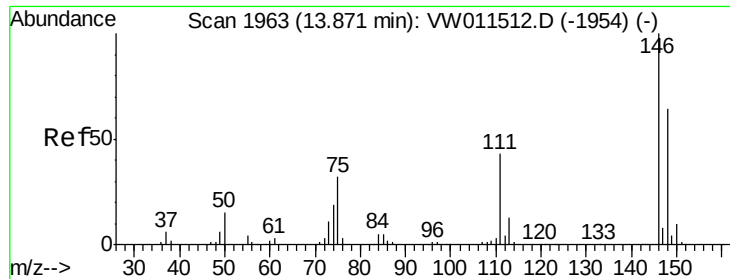
201 78.0 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

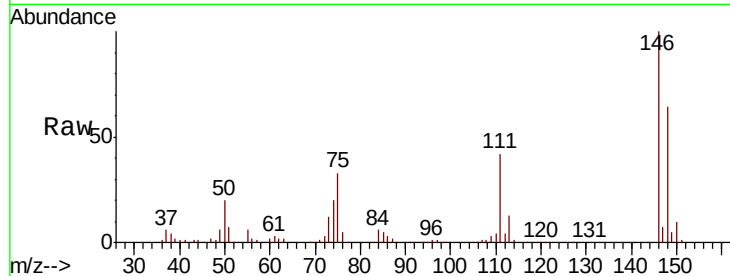




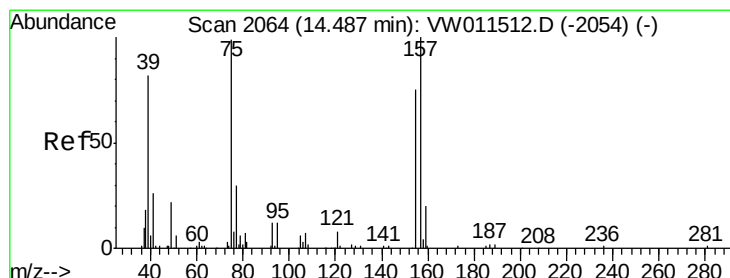
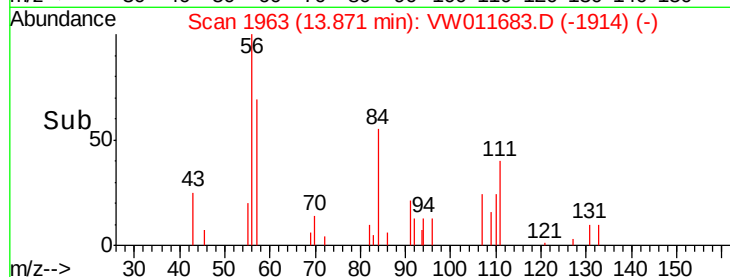
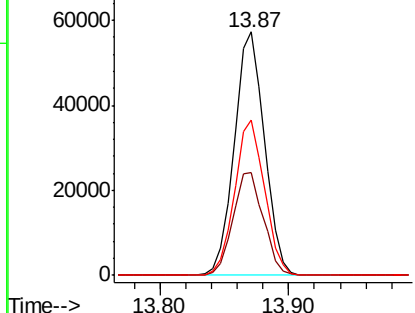
#91
 1,2-Dichlorobenzene
 Concen: 20.601 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

Tgt Ion:146 Resp: 93047
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 65.0
 148 63.2 32.0 96.2

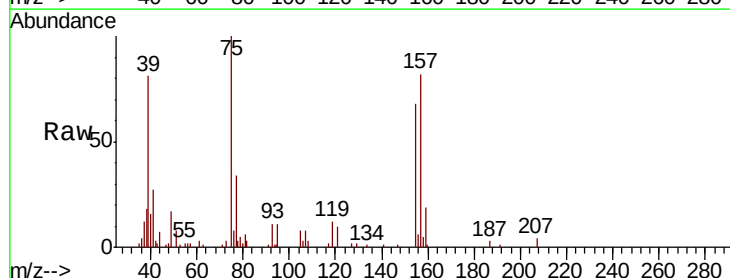


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

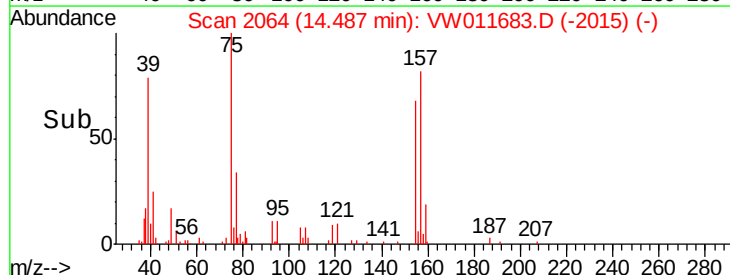
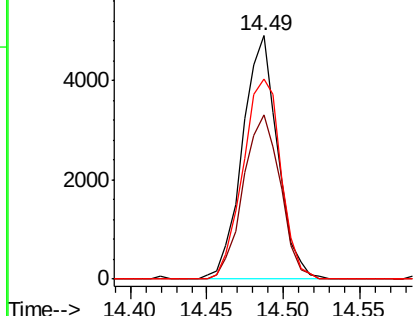


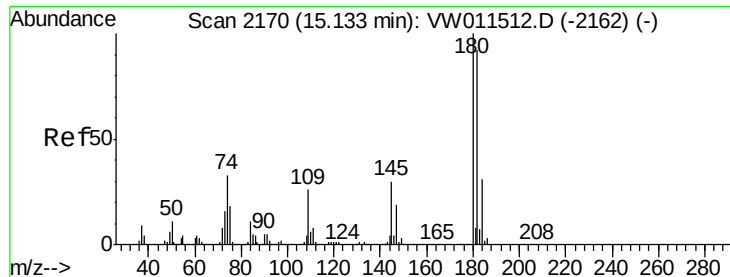
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.740 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion: 75 Resp: 7839
 Ion Ratio Lower Upper
 75 100
 155 71.5 38.2 114.6
 157 89.0 48.9 146.7



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

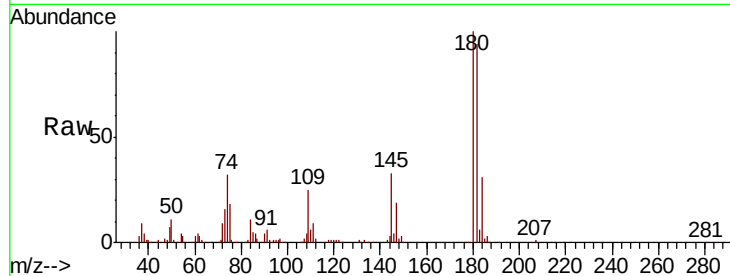




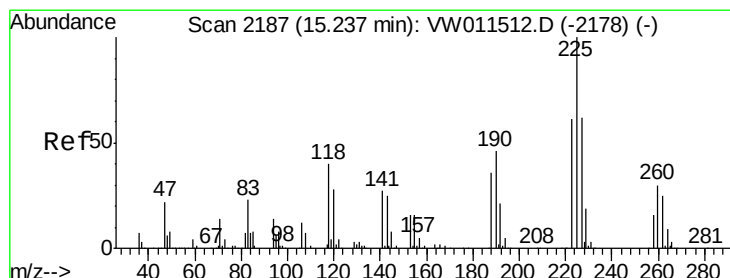
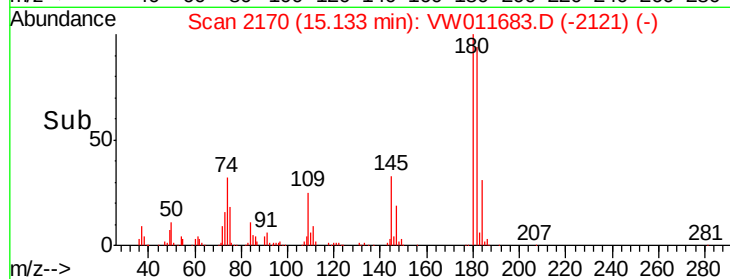
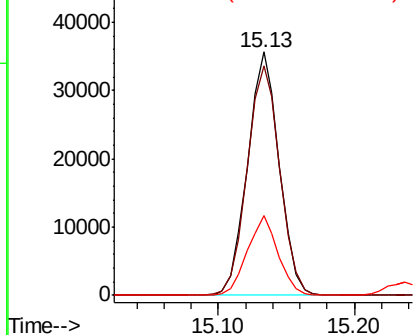
#93
 1,2,4-Trichlorobenzene
 Concen: 18.240 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

Tgt Ion:180 Resp: 58061
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.4 142.2
 145 31.5 15.4 46.1

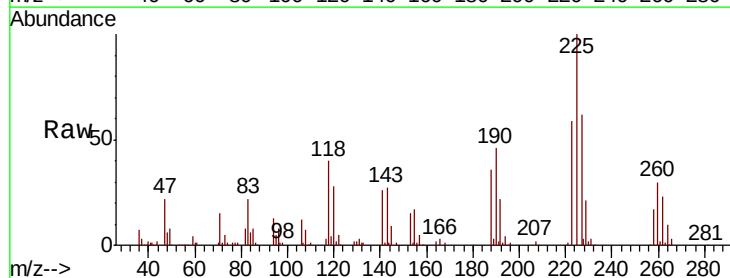


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

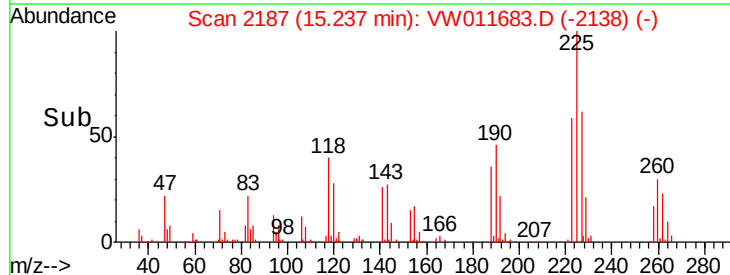
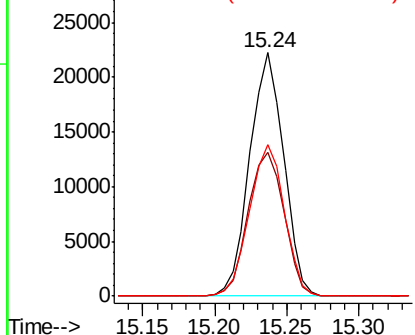


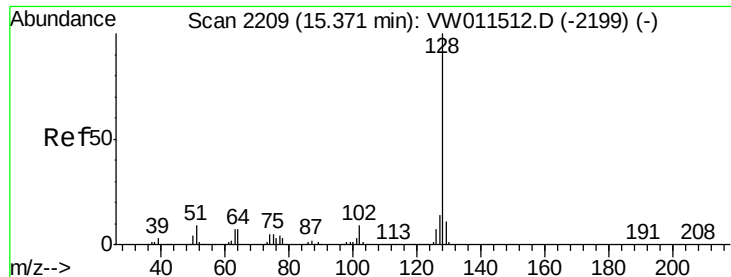
#94
 Hexachlorobutadiene
 Concen: 18.287 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011683.D
 Acq: 04 Aug 2019 00:47

Tgt Ion:225 Resp: 36301
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.8 92.3
 227 63.6 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

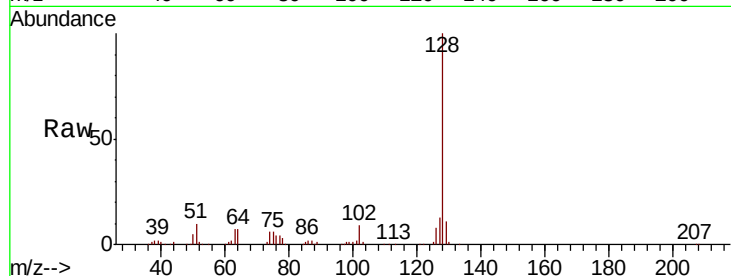




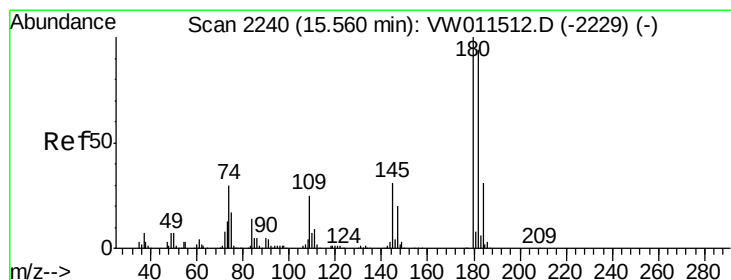
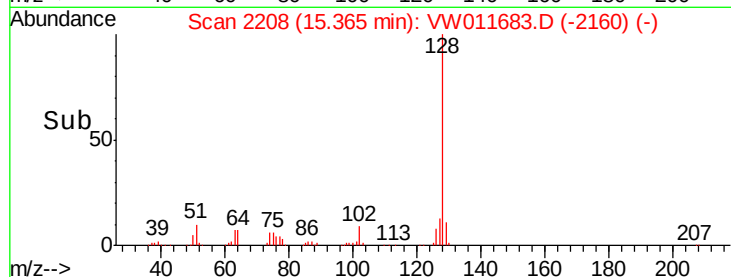
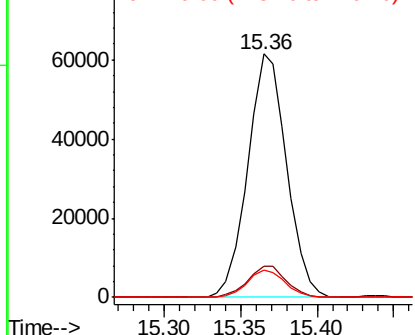
#95
Naphthalene
Concen: 18.757 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD02

Tgt Ion:128 Resp: 108564
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.0 8.6 13.0

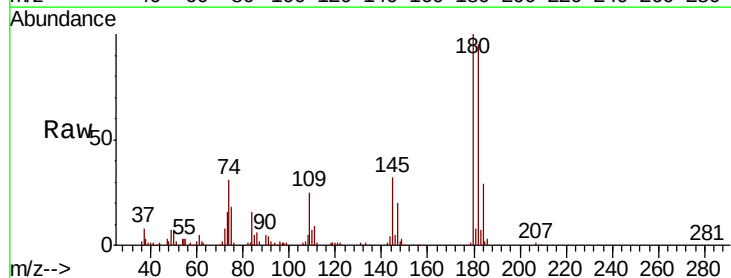


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.956 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011683.D
Acq: 04 Aug 2019 00:47

Tgt Ion:180 Resp: 52892
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 31.3 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

