

Data File : VW013133.D
Acq On : 19 Sep 2019 01:31
Operator : SY/VA
Sample : VW0918SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Quant Time: Sep 19 08:02:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	310289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	484035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	424743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216360	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127967	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	
35) Dibromofluoromethane	7.88	113	123394	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	10.32	98	490776	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.62	95	172895	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	22098	15.518	ug/l	84
3) Chloromethane	2.21	50	30472	17.226	ug/l	96
4) Vinyl Chloride	2.36	62	39660	17.857	ug/l	97
5) Bromomethane	2.77	94	26741	19.716	ug/l	99
6) Chloroethane	2.92	64	25389	18.639	ug/l	91
7) Trichlorofluoromethane	3.25	101	21209	13.656	ug/l	93
8) Diethyl Ether	3.68	74	26630	21.959	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45258	19.213	ug/l	96
10) Methyl Iodide	4.27	142	68316	23.174	ug/l	94
11) Tert butyl alcohol	5.19	59	20574	92.893	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	42437	19.814	ug/l	92
13) Acrolein	3.89	56	19079	85.705	ug/l	98
14) Allyl chloride	4.67	41	74375	18.292	ug/l	92
15) Acrylonitrile	5.37	53	66533	107.418	ug/l	97
16) Acetone	4.13	43	57779	79.593	ug/l	96
17) Carbon Disulfide	4.38	76	80801	18.931	ug/l	96
18) Methyl Acetate	4.67	43	37624	23.044	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	91944	21.747	ug/l	94
20) Methylene Chloride	4.92	84	59732	22.999	ug/l #	92
21) trans-1,2-Dichloroethene	5.42	96	48721	21.239	ug/l	93
22) Diisopropyl ether	6.31	45	179792	21.285	ug/l	97
23) Vinyl Acetate	6.25	43	483210	95.511	ug/l #	93
24) 1,1-Dichloroethane	6.21	63	98550	20.235	ug/l	98
25) 2-Butanone	7.17	43	84087	92.278	ug/l #	88
26) 2,2-Dichloropropane	7.16	77	55485	14.908	ug/l	94
27) cis-1,2-Dichloroethene	7.16	96	60899	22.175	ug/l	90
28) Bromochloromethane	7.51	49	41721	20.353	ug/l #	93
29) Tetrahydrofuran	7.53	42	53939	103.887	ug/l	97
30) Chloroform	7.67	83	100186	20.246	ug/l	100
31) Cyclohexane	7.96	56	74036	17.487	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	73007	17.915	ug/l	98
36) 1,1-Dichloropropene	8.08	75	67913	17.558	ug/l	96
37) Ethyl Acetate	7.25	43	37963	18.491	ug/l	96
38) Carbon Tetrachloride	8.07	117	64726	16.330	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77800	18.356	ug/l	96
40) Benzene	8.32	78	216621	20.062	ug/l	100
41) Methacrylonitrile	7.48	41	24925	18.436	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	64887	17.926	ug/l	97
43) Isopropyl Acetate	8.42	43	72558	18.407	ug/l	97
44) Trichloroethene	9.09	130	58333	19.723	ug/l	90
45) 1,2-Dichloropropane	9.37	63	58049	20.235	ug/l	99
46) Dibromomethane	9.46	93	28504	20.739	ug/l	96
47) Bromodichloromethane	9.64	83	72131	18.710	ug/l	97
48) Methyl methacrylate	9.43	41	33654	18.192	ug/l	91
49) 1,4-Dioxane	9.46	88	8865	384.925	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	186413	91.599	ug/l	94
52) Toluene	10.38	92	139487	20.329	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	70286	18.127	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85325	19.233	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	44426	21.218	ug/l	98
56) Ethyl methacrylate	10.65	69	58173	20.641	ug/l #	89
57) 1,3-Dichloropropane	10.93	76	76938	20.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	148302	98.094	ug/l	97
59) 2-Hexanone	10.97	43	125286	88.413	ug/l	94
60) Dibromochloromethane	11.13	129	48636	19.213	ug/l	97
61) 1,2-Dibromoethane	11.23	107	40489	21.198	ug/l	99
64) Tetrachloroethene	10.86	164	52781	20.888	ug/l	98
65) Chlorobenzene	11.66	112	151871	20.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	58028	20.015	ug/l	97
67) Ethyl Benzene	11.73	91	268468	19.214	ug/l	97
68) m/p-Xylenes	11.83	106	205032	40.167	ug/l	95
69) o-Xylene	12.16	106	99256	20.741	ug/l	95
70) Styrene	12.18	104	176007	20.675	ug/l	97
71) Bromoform	12.35	173	29496	19.368	ug/l #	96
73) Isopropylbenzene	12.46	105	273021	19.038	ug/l	100
74) N-amyl acetate	12.27	43	64044	17.360	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	53689	21.315	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	62439	32.947	ug/l #	100
77) Bromobenzene	12.75	156	67165	20.330	ug/l	95
78) n-propylbenzene	12.80	91	313881	18.607	ug/l	99
79) 2-Chlorotoluene	12.89	91	183851	18.959	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	231390	19.072	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	14193	16.989	ug/l	97
82) 4-Chlorotoluene	12.99	91	195215	19.079	ug/l	97
83) tert-Butylbenzene	13.21	119	207170	19.090	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	232137	19.363	ug/l	95
85) sec-Butylbenzene	13.38	105	279090	18.876	ug/l	100
86) p-Isopropyltoluene	13.50	119	254401	18.741	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	130490	19.952	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	127859	19.894	ug/l	98
89) n-Butylbenzene	13.82	91	230545	18.009	ug/l	100
90) Hexachloroethane	14.09	117	43528	17.893	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	119948	20.855	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7922	17.183	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091819\
Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
VW0918SBSD02

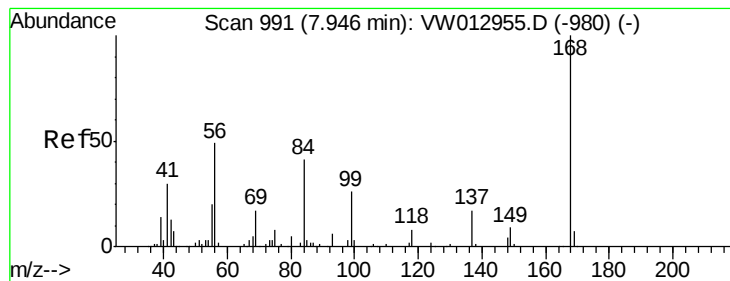
Quant Time: Sep 19 08:02:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	83156	20.273	ug/l	99
94) Hexachlorobutadiene	15.23	225	53369	18.380	ug/l	99
95) Naphthalene	15.36	128	146534	21.381	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	74186	20.460	ug/l	99

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

Quant Time: Sep 19 02:11:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

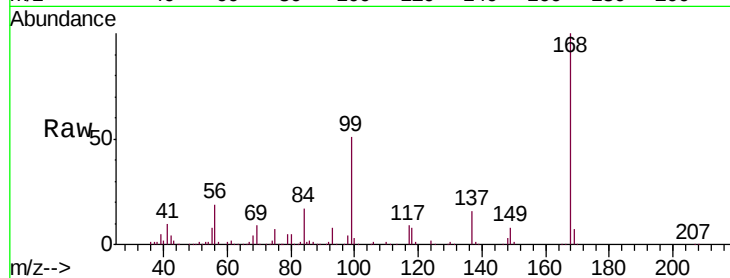
VW0918SBSD02

Tgt Ion:168 Resp: 310289

Ion Ratio Lower Upper

168 100

99 51.0 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

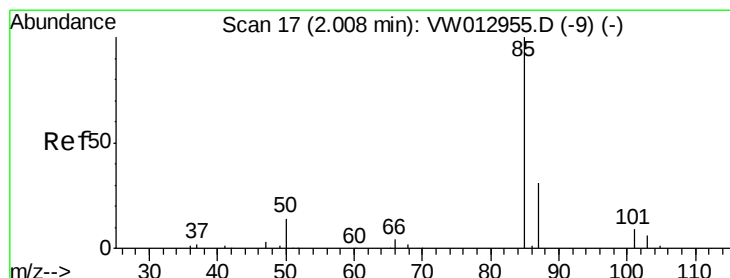
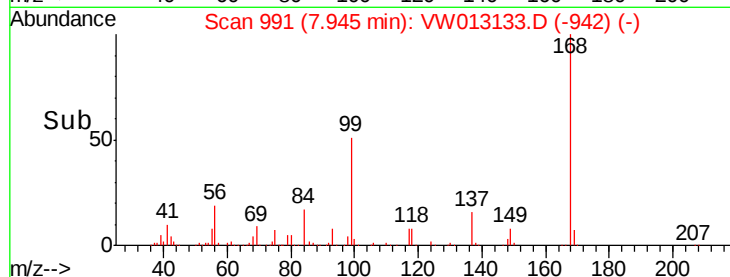
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 15.518 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013133.D

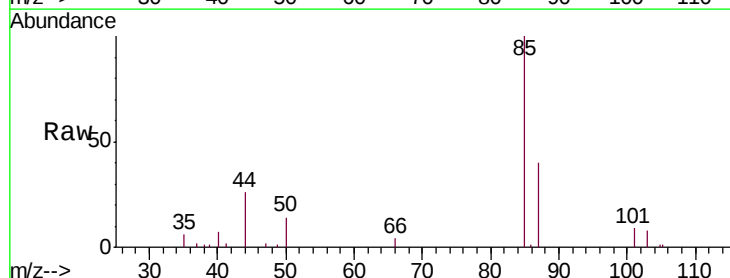
Acq: 19 Sep 2019 01:31

Tgt Ion: 85 Resp: 22098

Ion Ratio Lower Upper

85 100

87 39.5 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

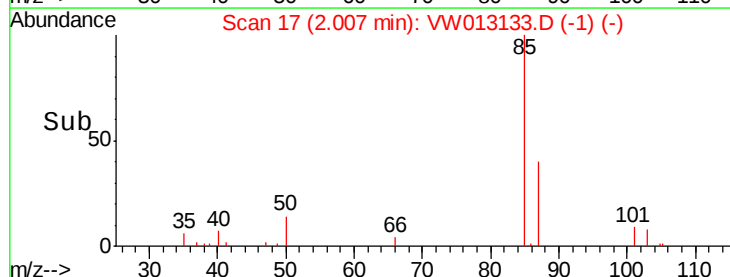
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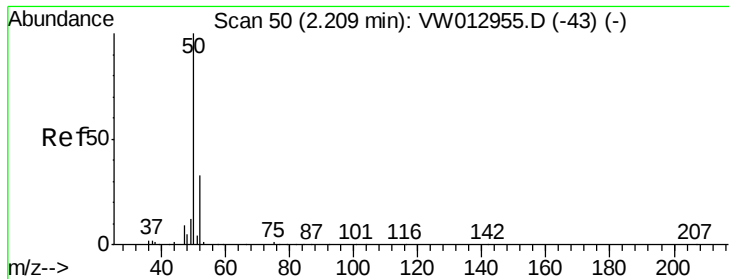
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 17.226 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

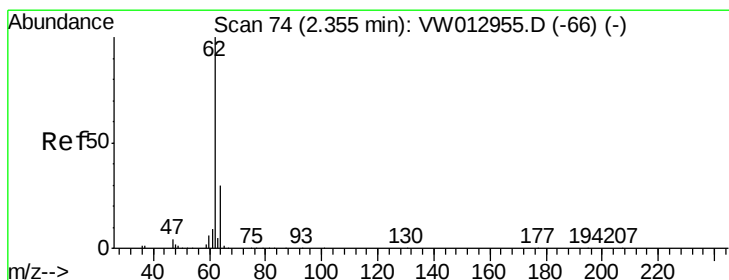
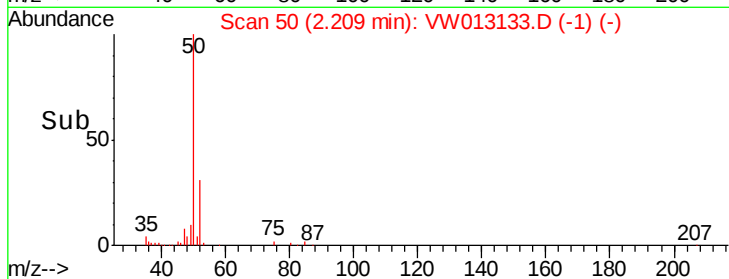
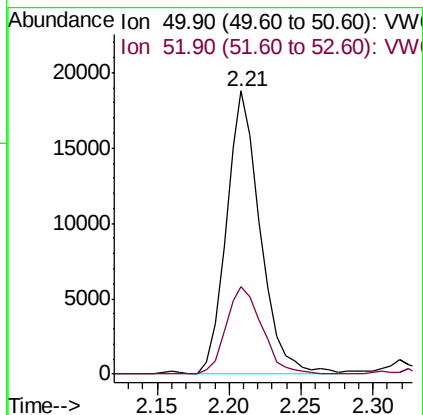
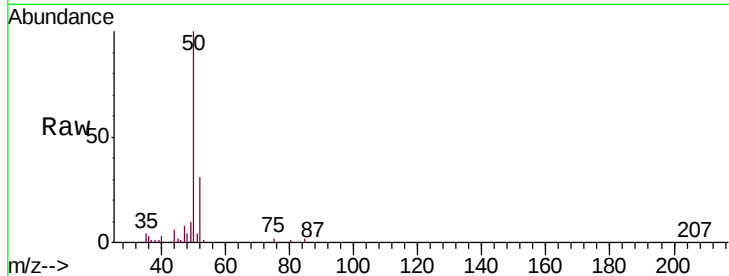
VW0918SBSD02

Tgt Ion: 50 Resp: 30472

Ion Ratio Lower Upper

50 100

52 31.2 26.6 39.8



#4

Vinyl Chloride

Concen: 17.857 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013133.D

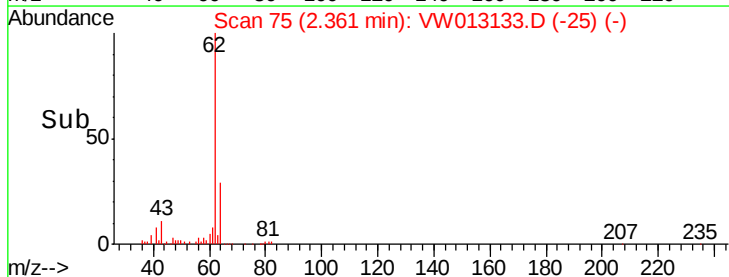
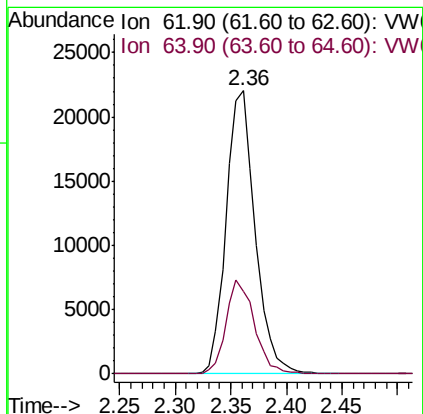
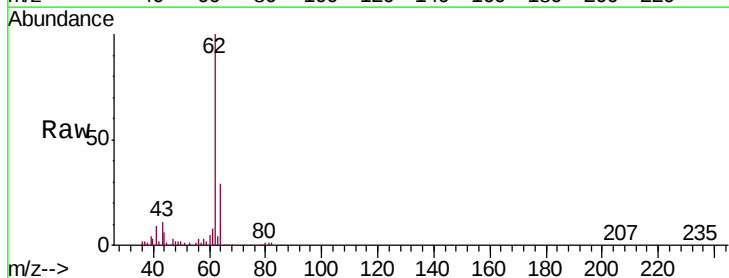
Acq: 19 Sep 2019 01:31

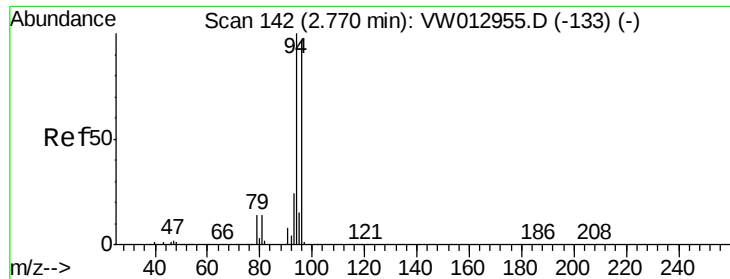
Tgt Ion: 62 Resp: 39660

Ion Ratio Lower Upper

62 100

64 28.9 24.2 36.4





#5

Bromomethane

Concen: 19.716 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

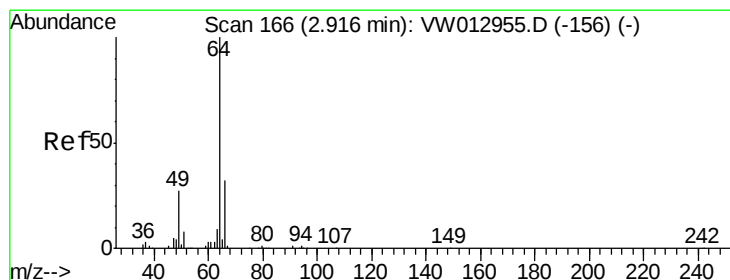
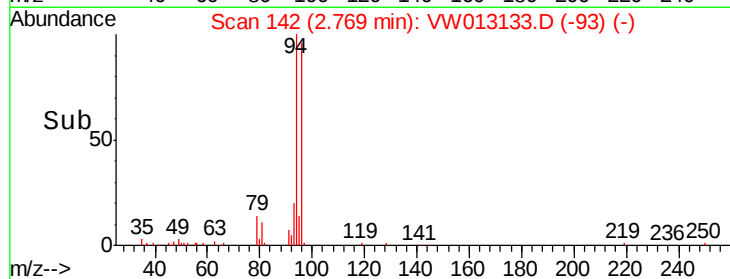
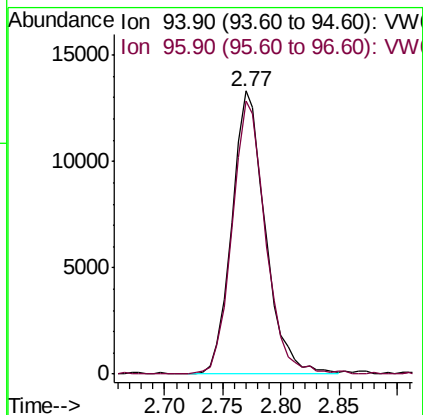
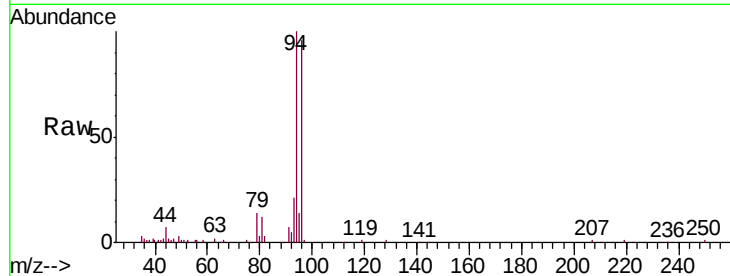
VW0918SBSD02

Tgt Ion: 94 Resp: 26741

Ion Ratio Lower Upper

94 100

96 96.4 77.8 116.6



#6

Chloroethane

Concen: 18.639 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW013133.D

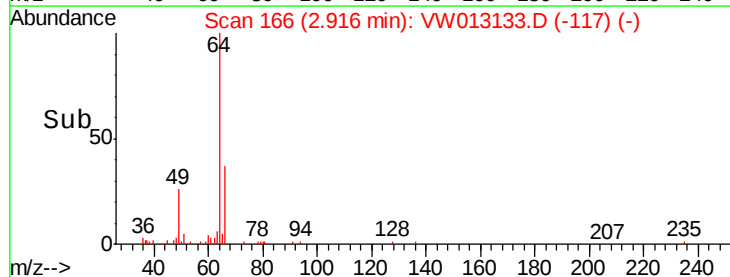
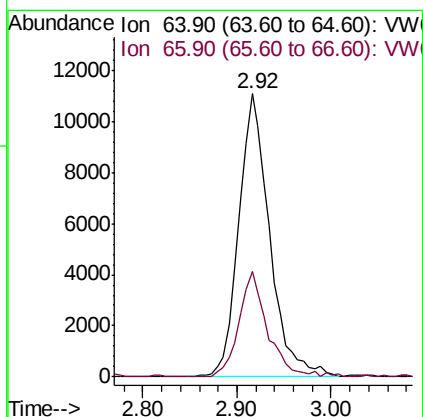
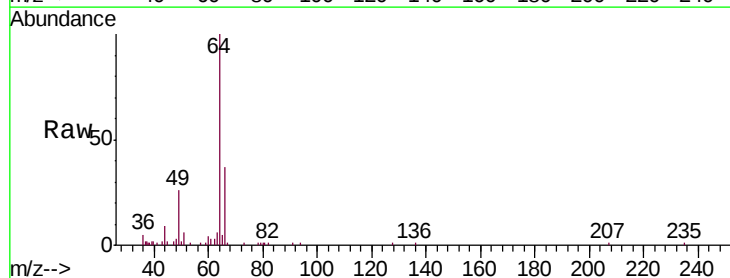
Acq: 19 Sep 2019 01:31

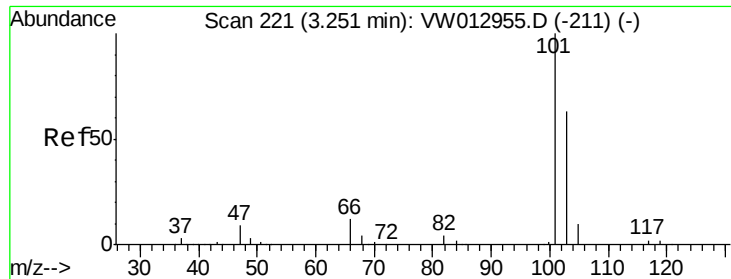
Tgt Ion: 64 Resp: 25389

Ion Ratio Lower Upper

64 100

66 37.5 25.9 38.9



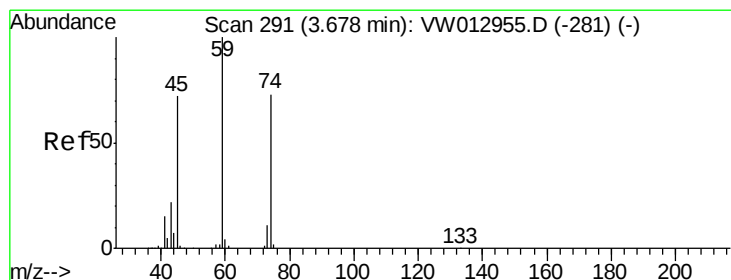
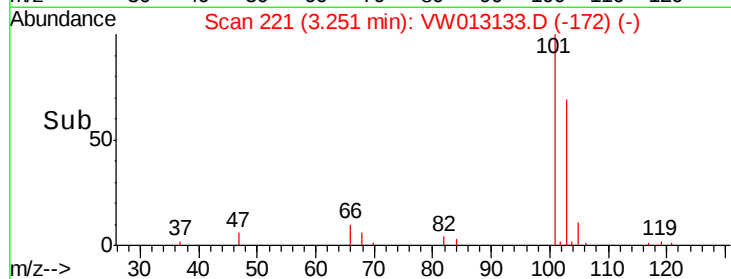
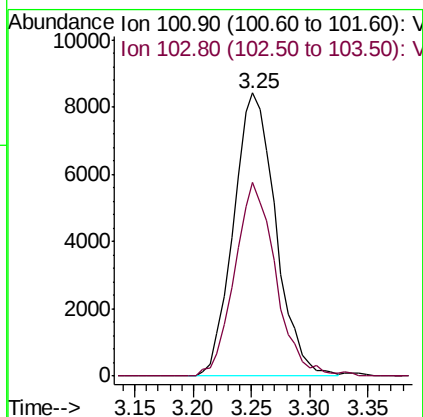
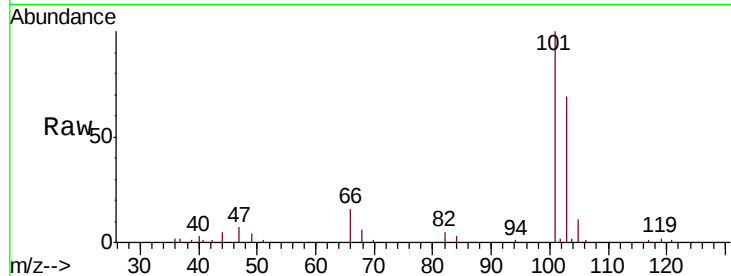


#7

Trichlorofluoromethane
 Concen: 13.656 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW013133.D
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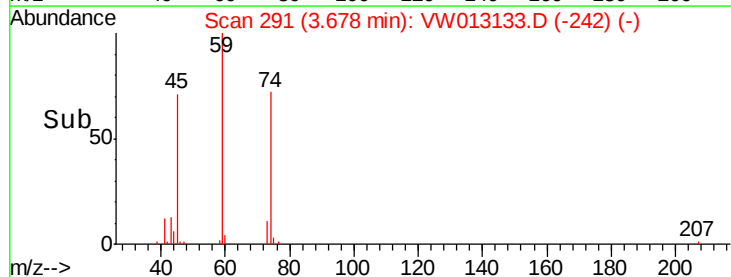
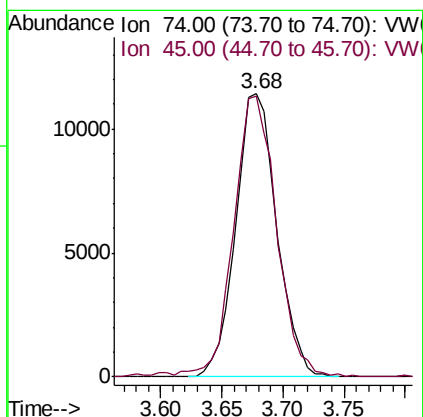
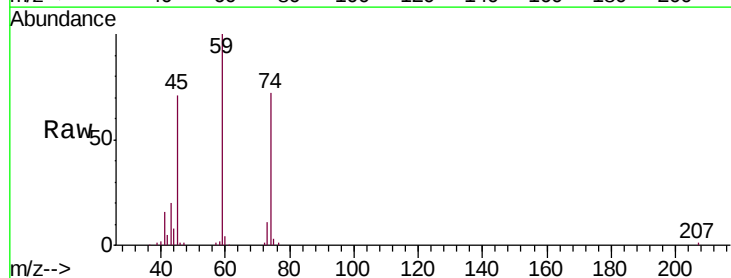
Tgt Ion:101 Resp: 21209
 Ion Ratio Lower Upper
 101 100
 103 68.7 50.7 76.1

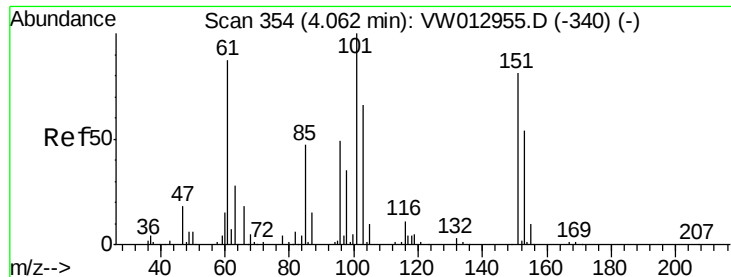


#8

Diethyl Ether
 Concen: 21.959 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion: 74 Resp: 26630
 Ion Ratio Lower Upper
 74 100
 45 103.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.213 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

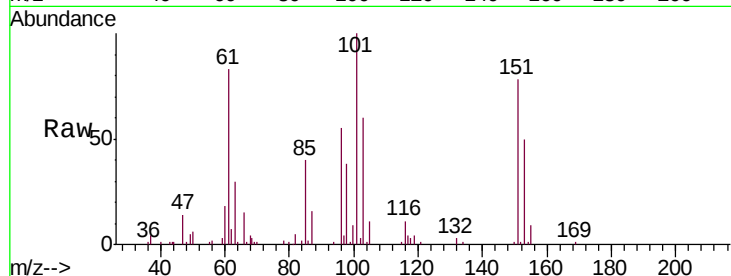
Tgt Ion:101 Resp: 45258

Ion Ratio Lower Upper

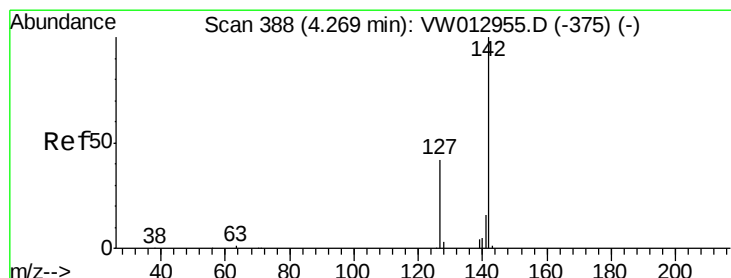
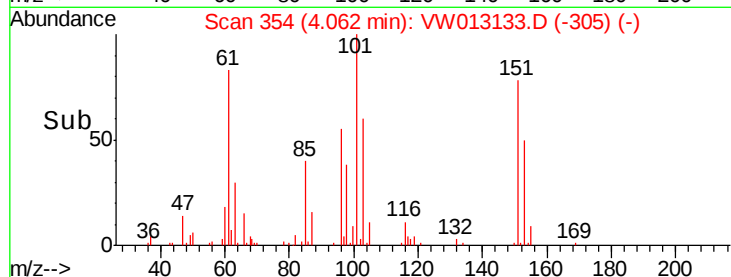
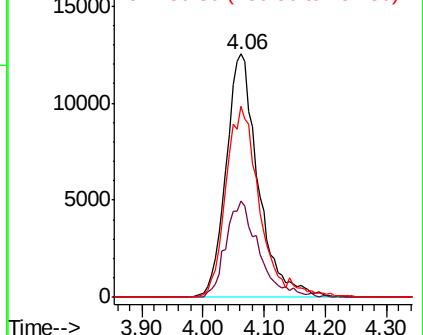
101 100

85 40.9 34.9 52.3

151 78.7 66.0 99.0



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: 23.174 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

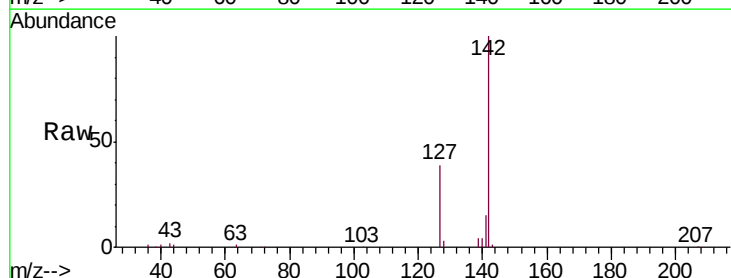
Tgt Ion:142 Resp: 68316

Ion Ratio Lower Upper

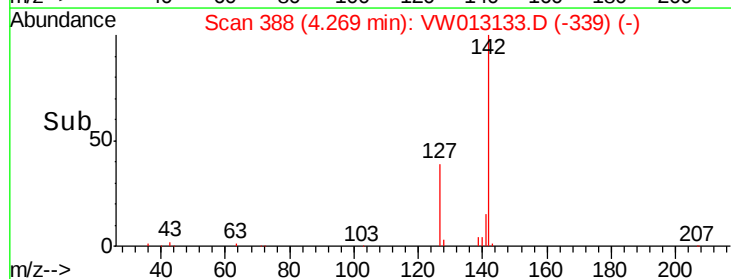
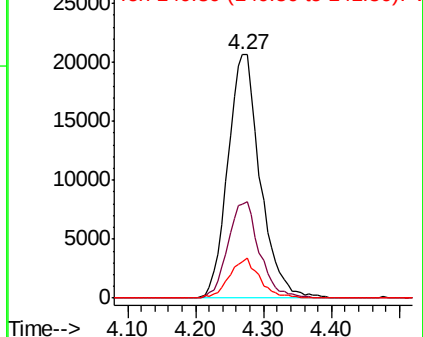
142 100

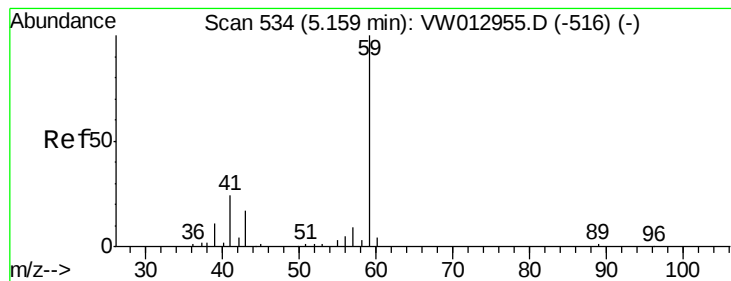
127 38.6 34.7 52.1

141 15.2 12.2 18.2



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



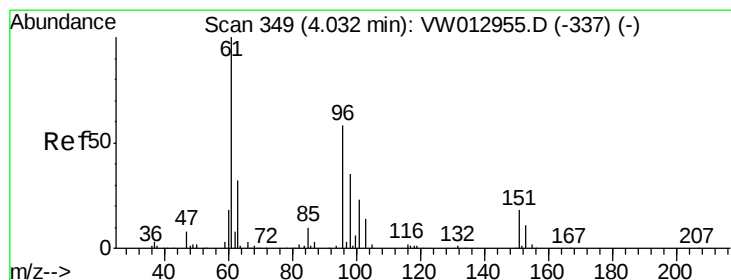
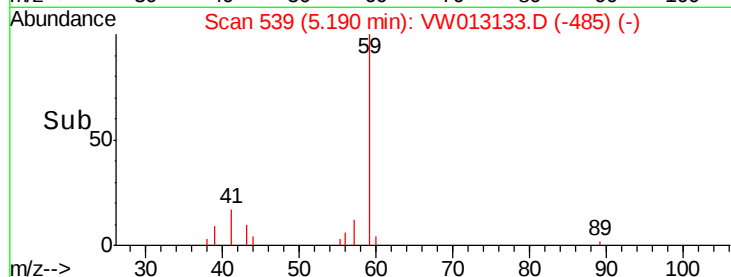
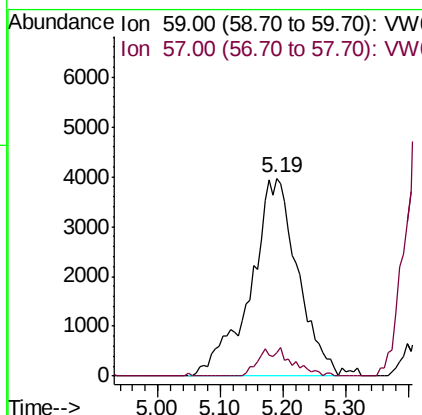
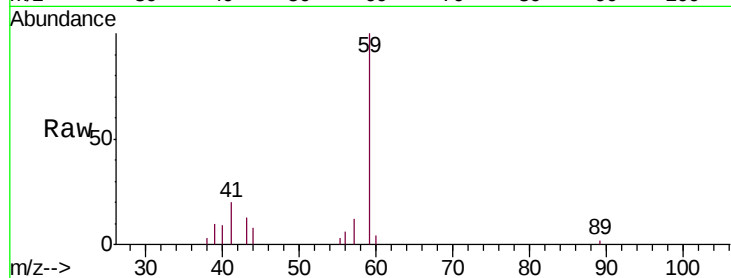


#11

Tert butyl alcohol
 Concen: 92.893 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.03 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

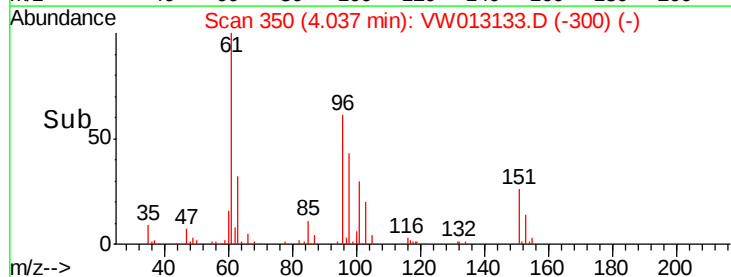
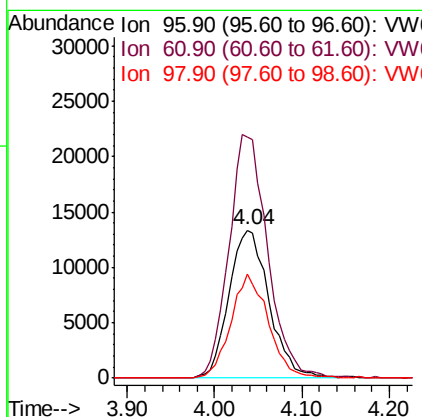
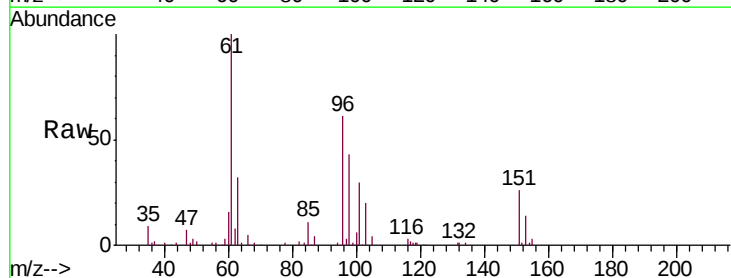
Tgt Ion: 59 Resp: 20574
 Ion Ratio Lower Upper
 59 100
 57 4.5 8.5 12.7#

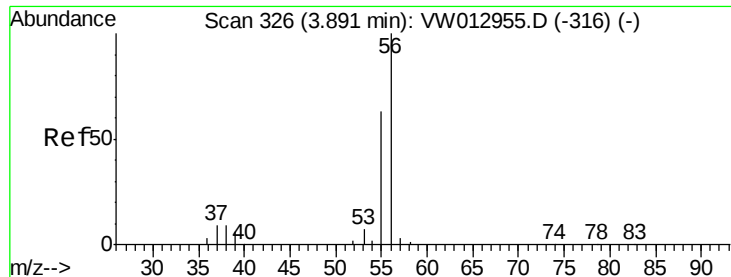


#12

1,1-Dichloroethene
 Concen: 19.814 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion: 96 Resp: 42437
 Ion Ratio Lower Upper
 96 100
 61 163.2 137.9 206.9
 98 70.2 48.9 73.3





#13

Acrolein

Concen: 85.705 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

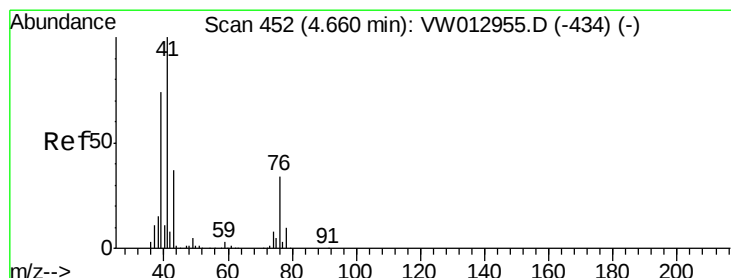
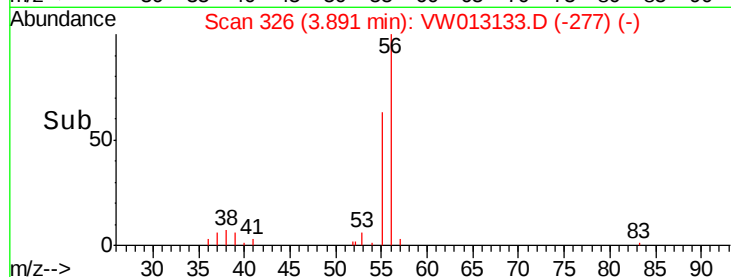
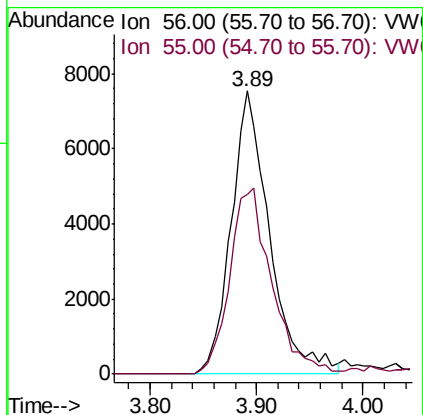
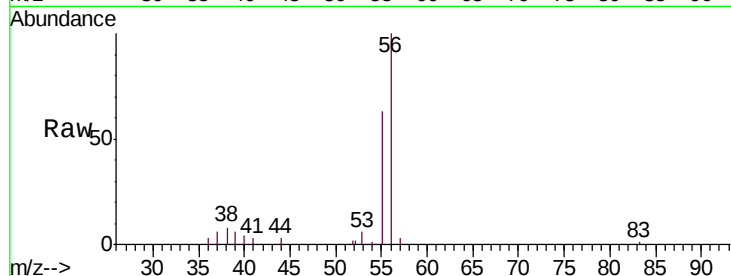
VW0918SBSD02

Tgt Ion: 56 Resp: 19079

Ion Ratio Lower Upper

56 100

55 71.8 55.8 83.8



#14

Allyl chloride

Concen: 18.292 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

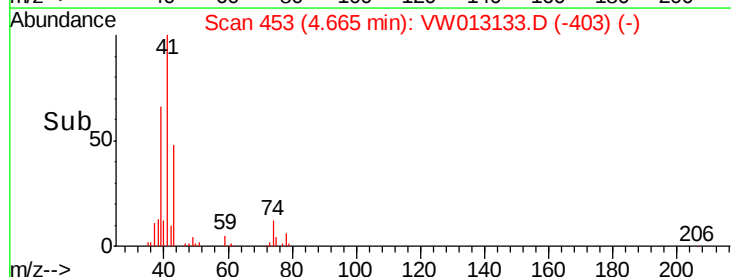
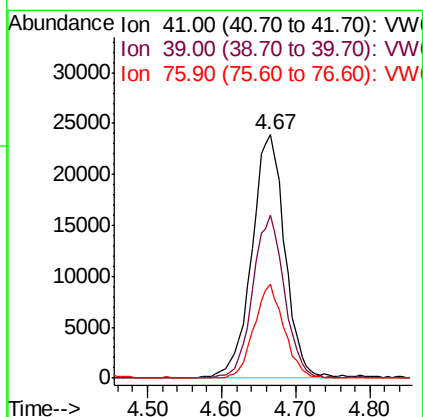
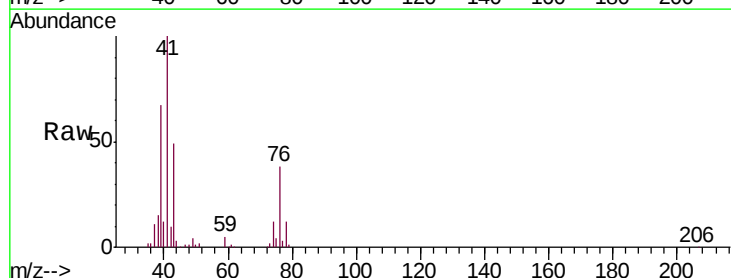
Tgt Ion: 41 Resp: 74375

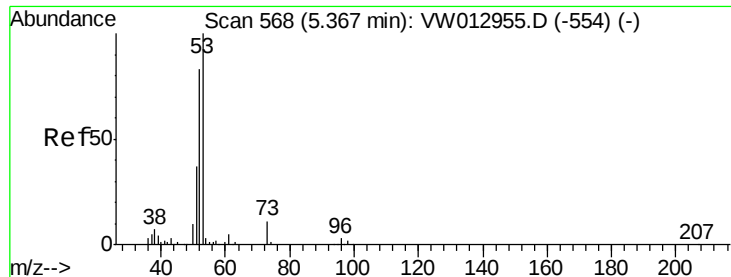
Ion Ratio Lower Upper

41 100

39 64.0 56.7 85.1

76 34.8 25.1 37.7





#15

Acrylonitrile

Concen: 107.418 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

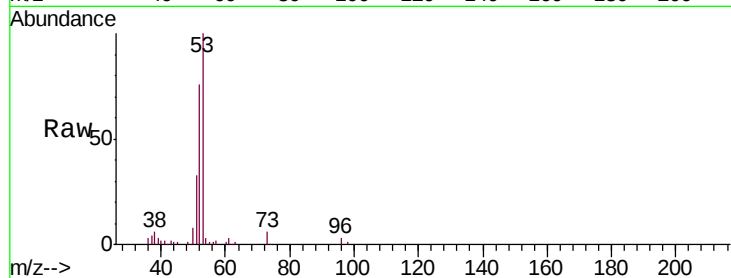
Tgt Ion: 53 Resp: 66533

Ion Ratio Lower Upper

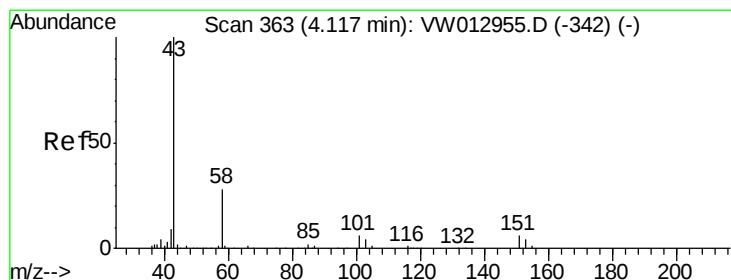
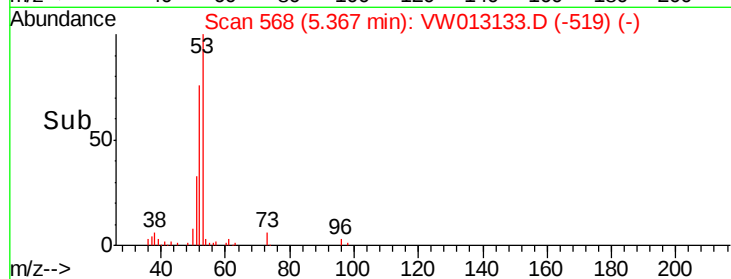
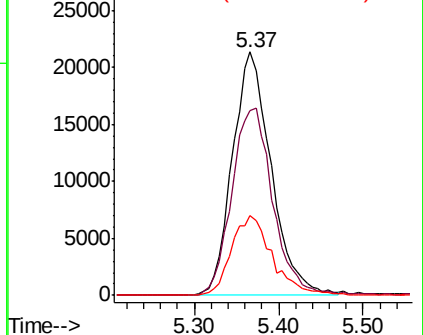
53 100

52 81.5 66.6 100.0

51 34.7 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 79.593 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013133.D

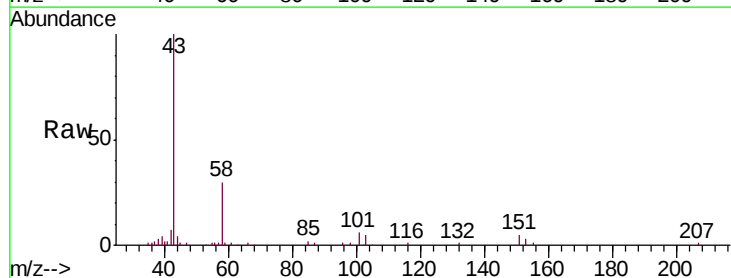
Acq: 19 Sep 2019 01:31

Tgt Ion: 43 Resp: 57779

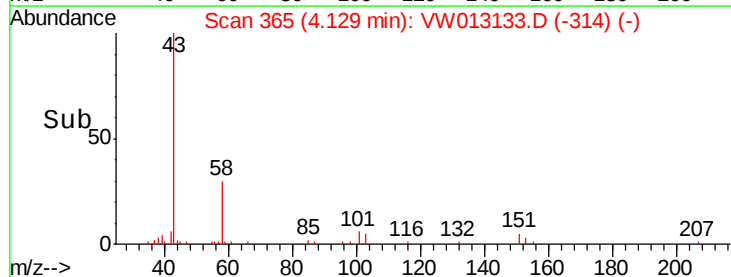
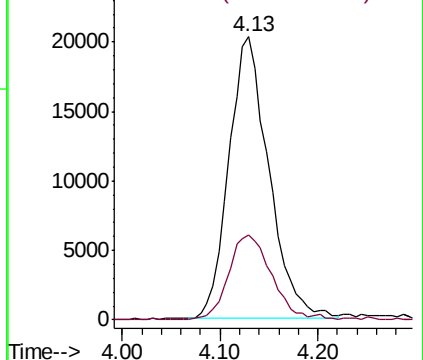
Ion Ratio Lower Upper

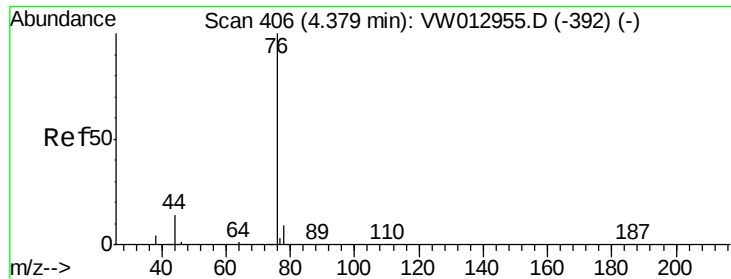
43 100

58 30.2 22.3 33.5



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

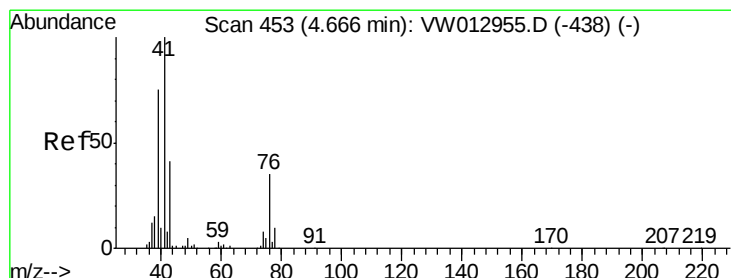
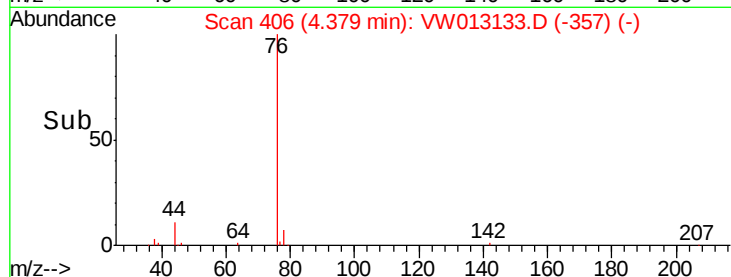
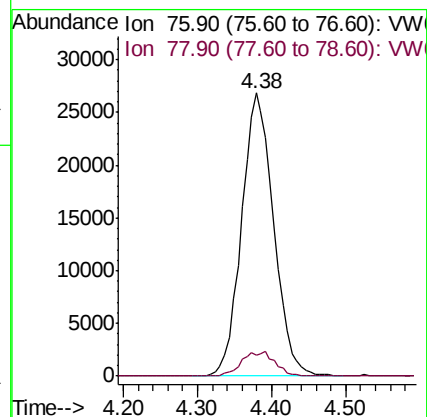
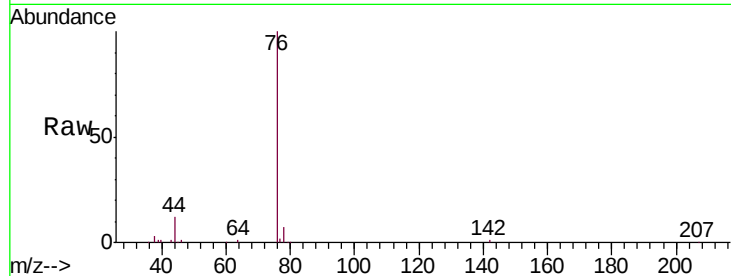




#17
Carbon Disulfide
Concen: 18.931 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

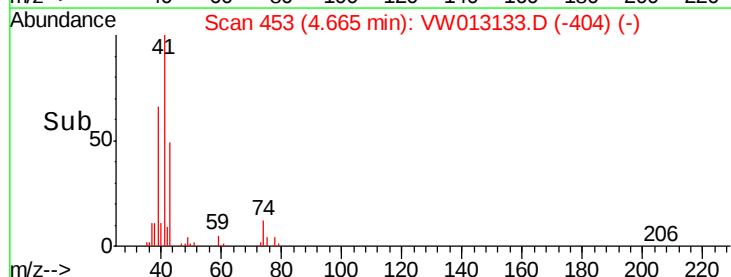
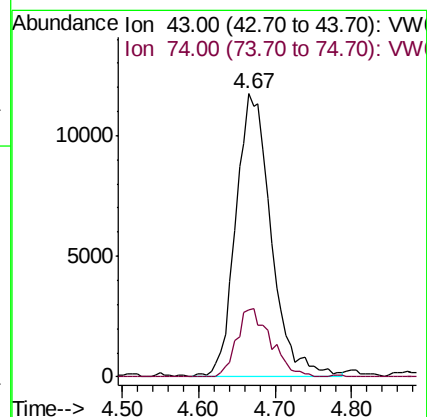
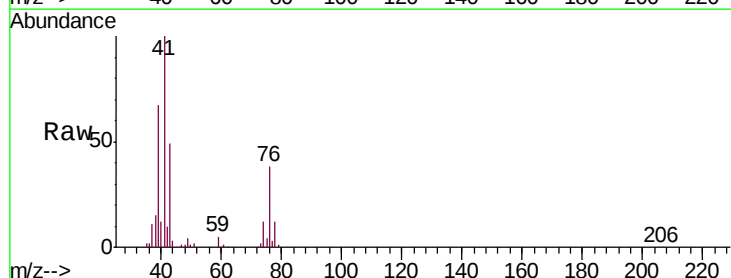
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

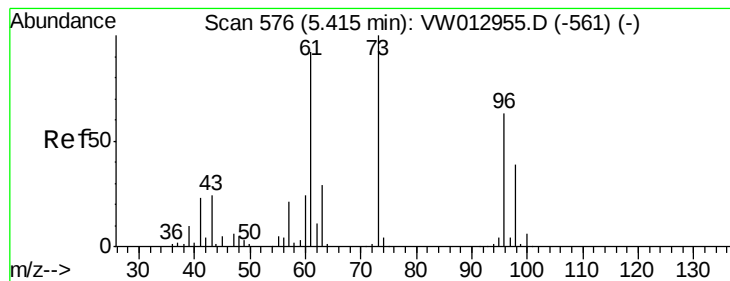
Tgt Ion: 76 Resp: 80801
Ion Ratio Lower Upper
76 100
78 7.3 7.0 10.4



#18
Methyl Acetate
Concen: 23.044 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 43 Resp: 37624
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8



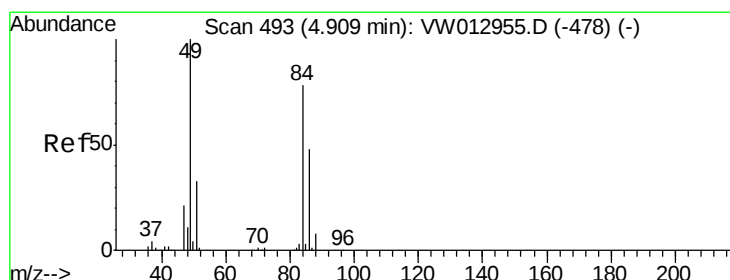
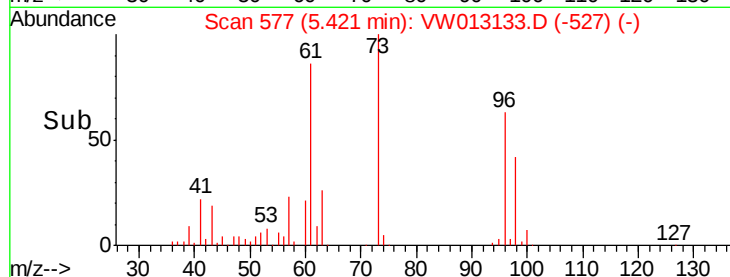
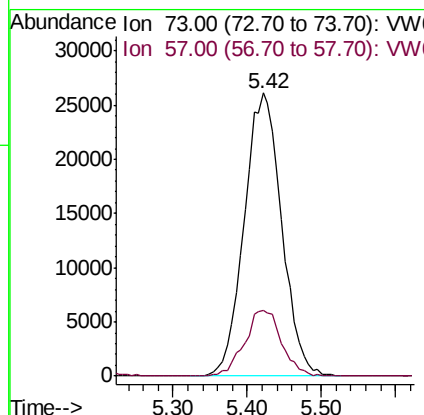
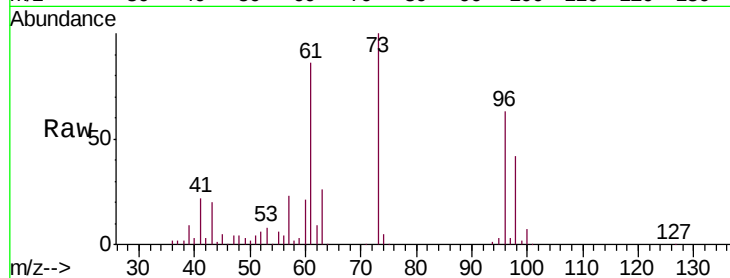


#19

Methyl tert-butyl Ether
 Concen: 21.747 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

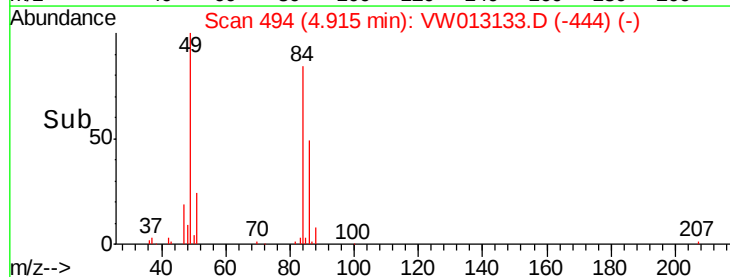
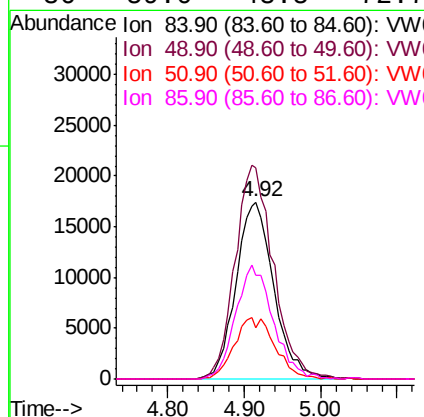
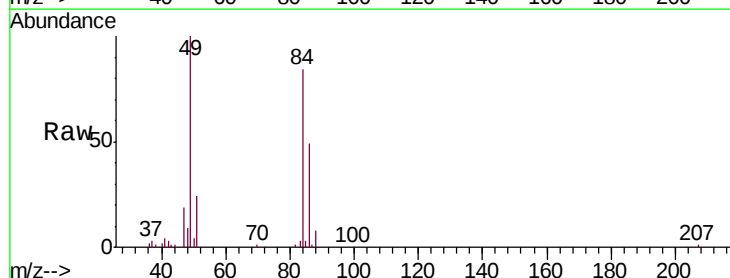
Tgt Ion: 73 Resp: 91944
 Ion Ratio Lower Upper
 73 100
 57 23.2 16.4 24.6

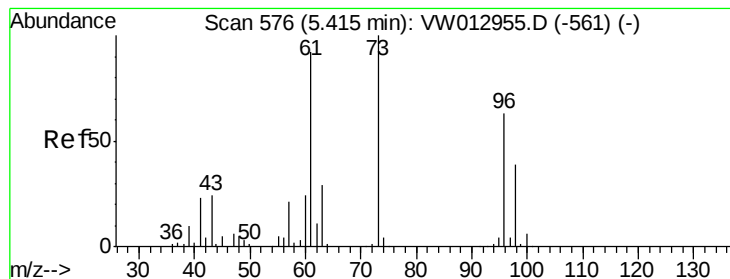


#20

Methylene Chloride
 Concen: 22.999 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion: 84 Resp: 59732
 Ion Ratio Lower Upper
 84 100
 49 119.4 102.0 153.0
 51 28.8 34.0 51.0#
 86 59.0 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 21.239 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

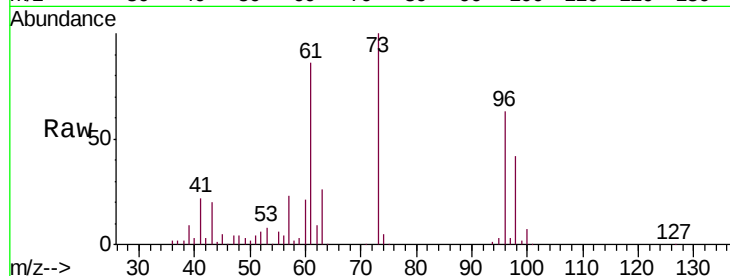
Tgt Ion: 96 Resp: 48721

Ion Ratio Lower Upper

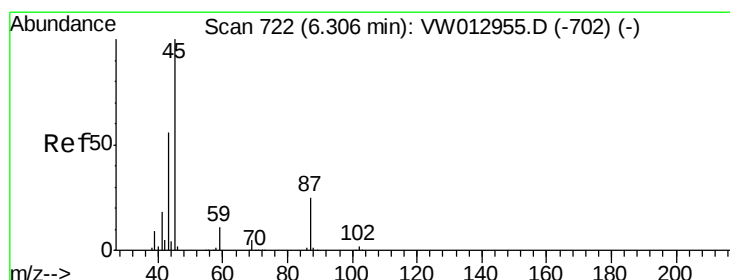
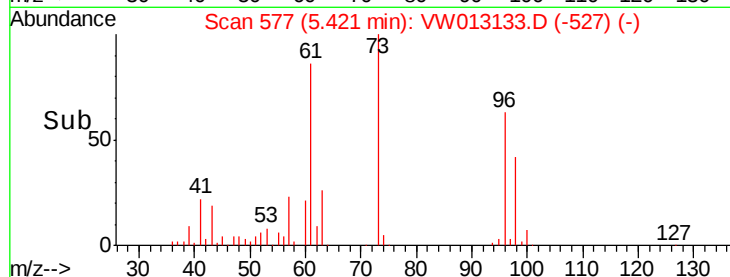
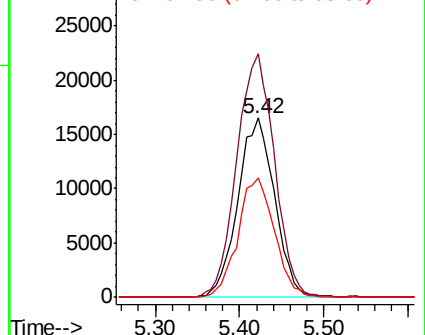
96 100

61 135.7 116.2 174.2

98 66.6 49.8 74.6



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



#22

Diisopropyl ether

Concen: 21.285 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion: 45 Resp: 179792

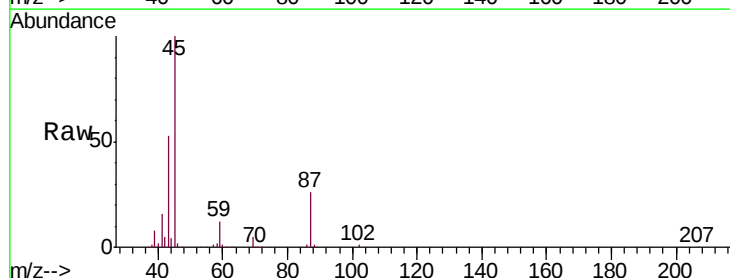
Ion Ratio Lower Upper

45 100

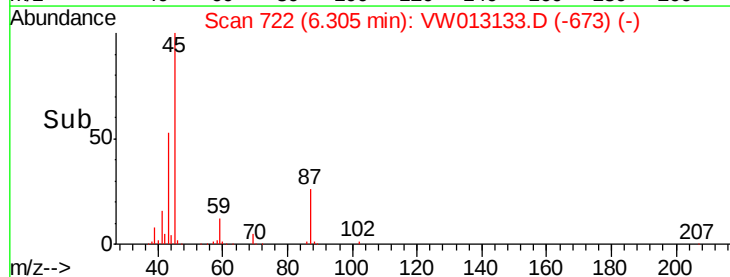
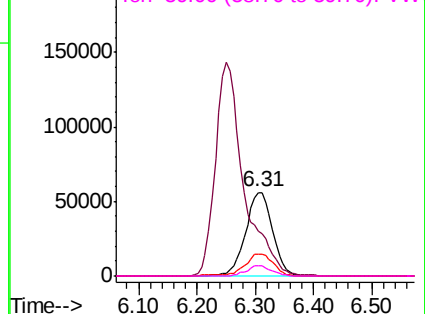
43 53.3 44.6 67.0

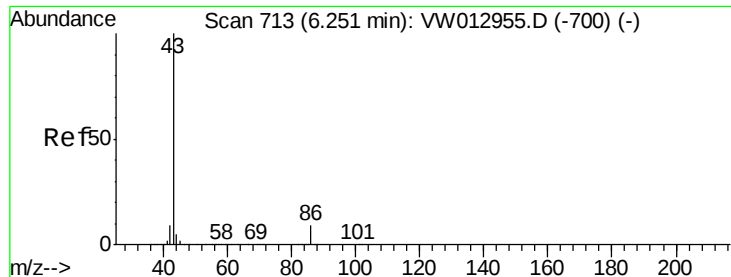
87 25.7 20.0 30.0

59 12.1 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.30): VW
Ion 43.00 (42.70 to 43.30): VW
Ion 87.00 (86.70 to 87.30): VW
Ion 59.00 (58.70 to 59.30): VW





#23

Vinyl Acetate

Concen: 95.511 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

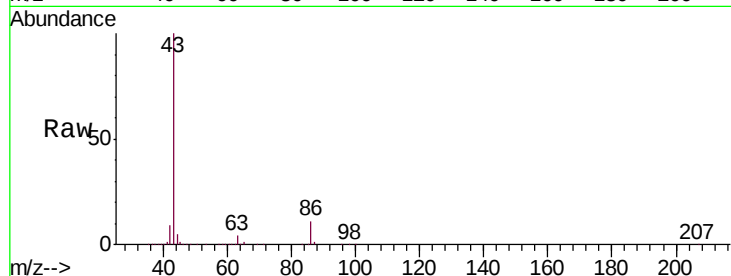
VW0918SBSD02

Tgt Ion: 43 Resp: 483210

Ion Ratio Lower Upper

43 100

86 11.2 7.0 10.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

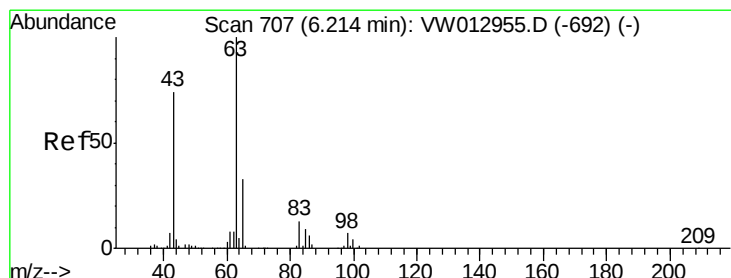
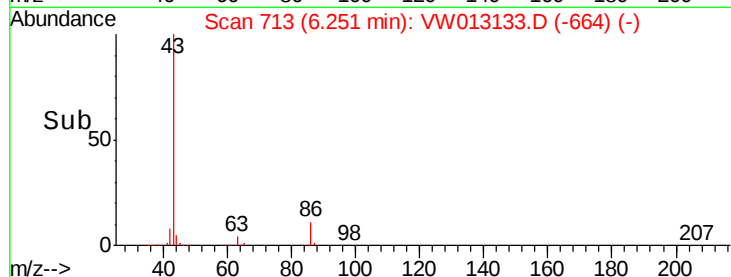
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.235 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

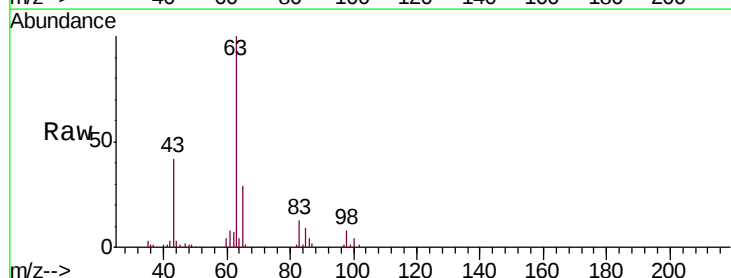
Tgt Ion: 63 Resp: 98550

Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.9

100 3.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

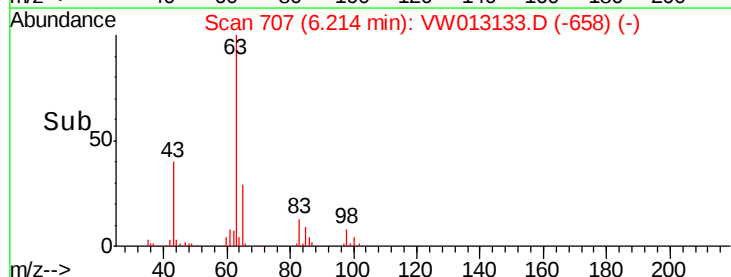
30000

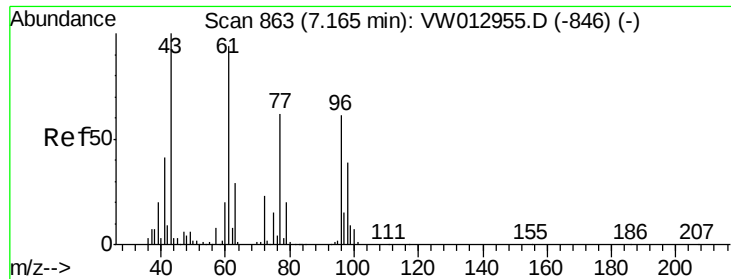
20000

10000

0

Time-->





#25

2-Butanone

Concen: 92.278 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

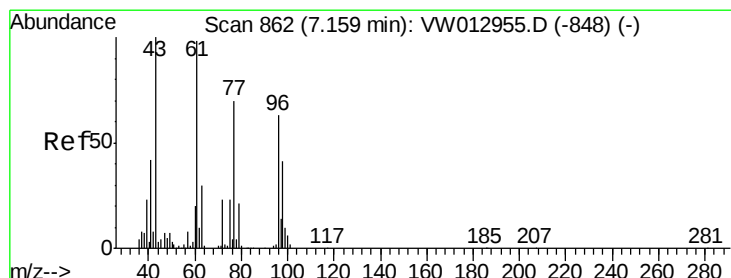
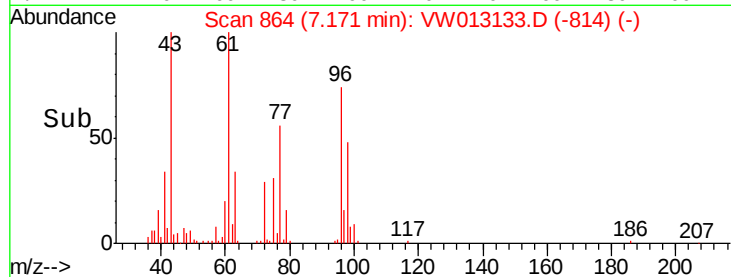
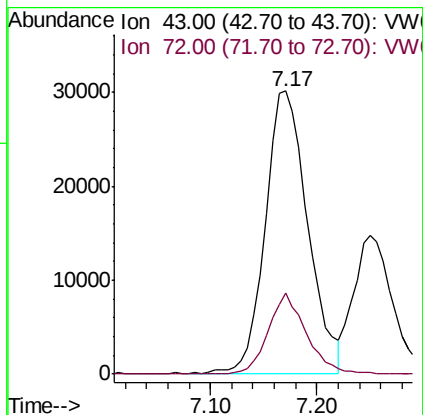
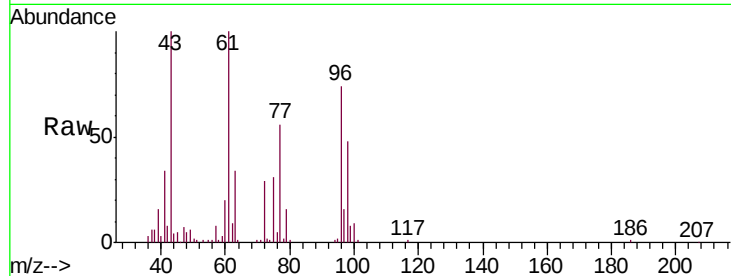
VW0918SBSD02

Tgt Ion: 43 Resp: 84087

Ion Ratio Lower Upper

43 100

72 28.7 18.2 27.4#



#26

2,2-Dichloropropane

Concen: 14.908 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW013133.D

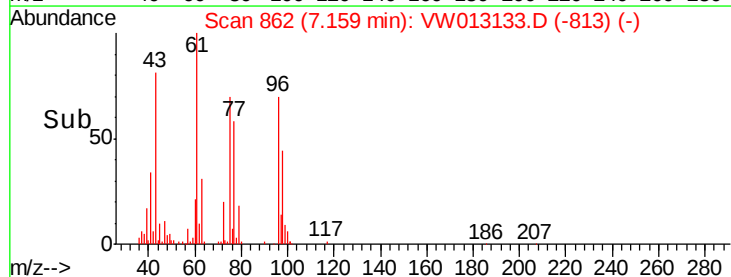
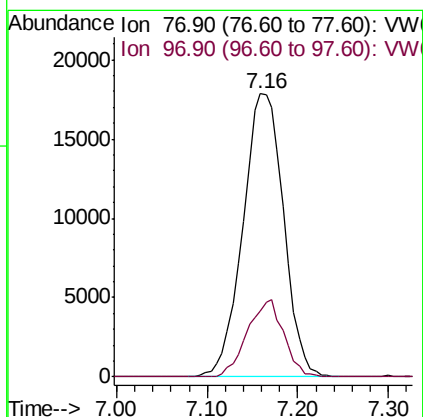
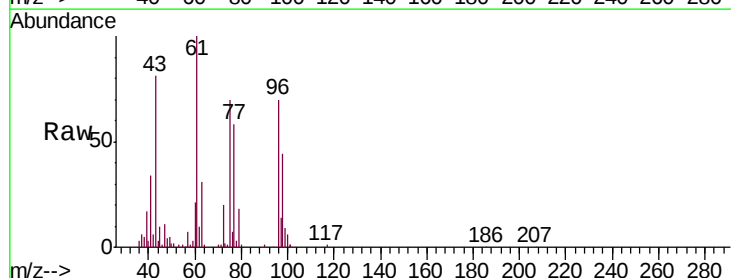
Acq: 19 Sep 2019 01:31

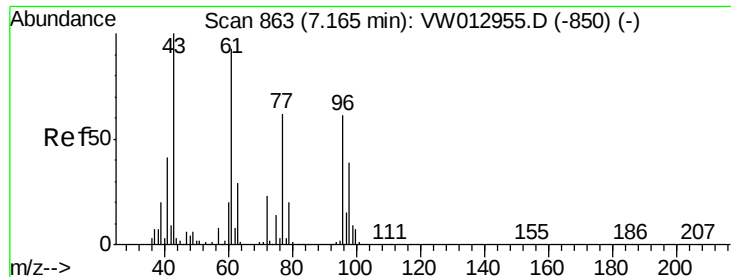
Tgt Ion: 77 Resp: 55485

Ion Ratio Lower Upper

77 100

97 24.2 10.7 32.1



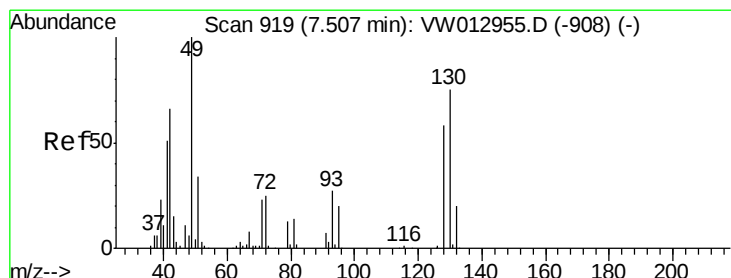
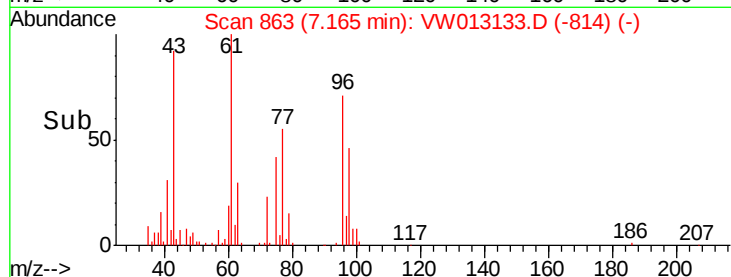
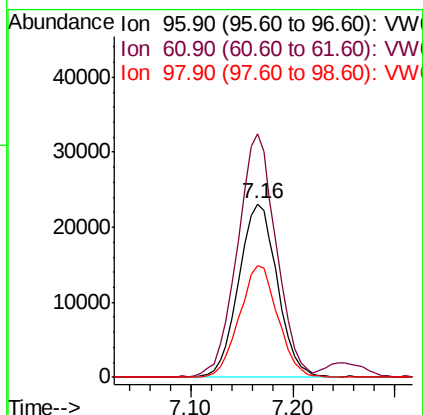
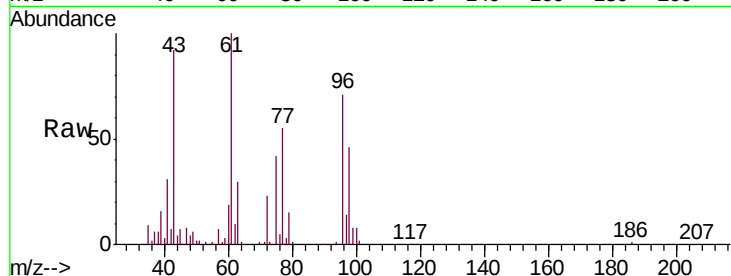


#27

cis-1,2-Dichloroethene
Concen: 22.175 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

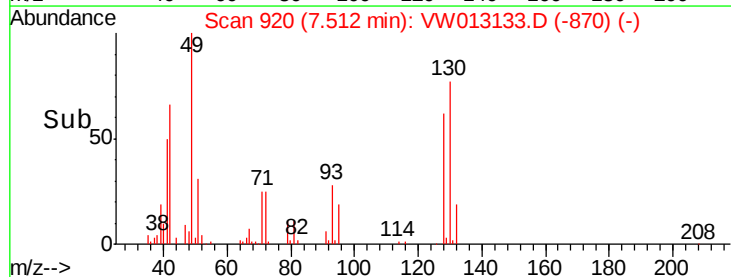
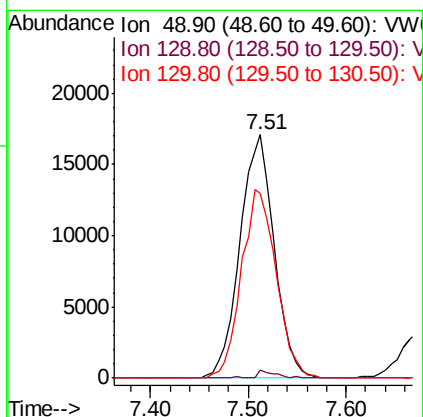
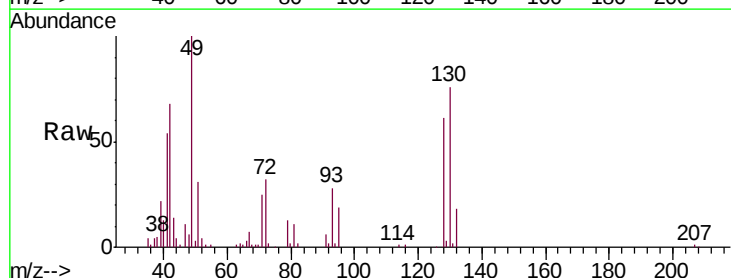
Tgt Ion: 96 Resp: 60899
Ion Ratio Lower Upper
96 100
61 141.1 0.0 315.4
98 63.9 0.0 131.0

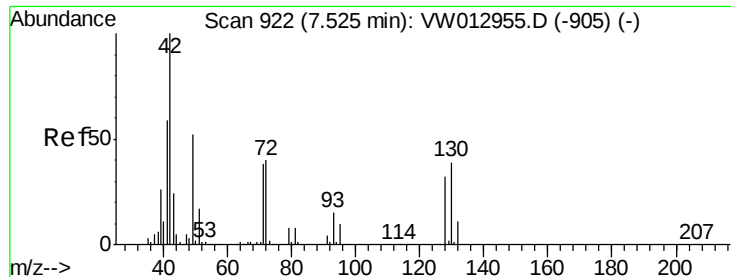


#28

Bromochloromethane
Concen: 20.353 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 49 Resp: 41721
Ion Ratio Lower Upper
49 100
129 1.5 0.0 1.4#
130 78.4 57.8 86.6

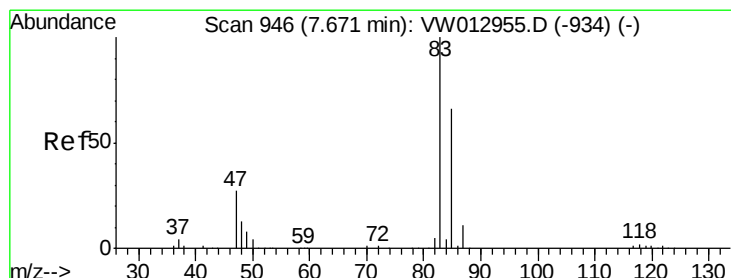
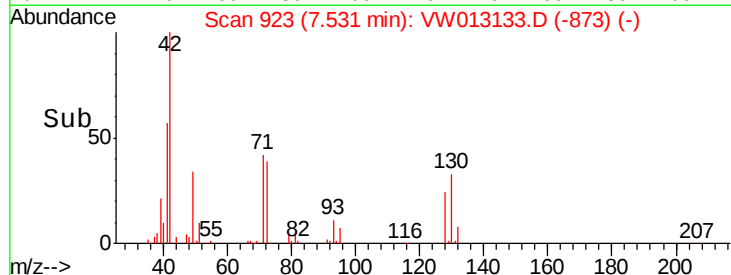
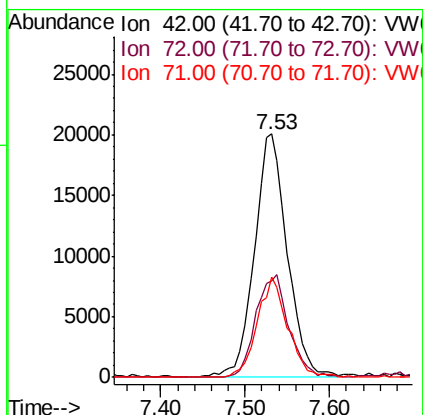
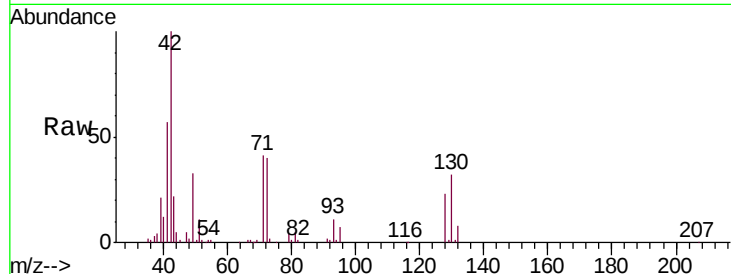




#29
Tetrahydrofuran
Concen: 103.887 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

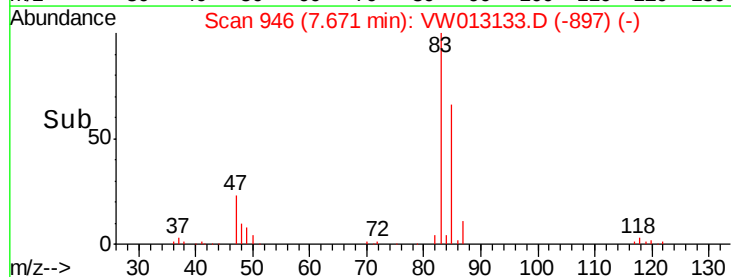
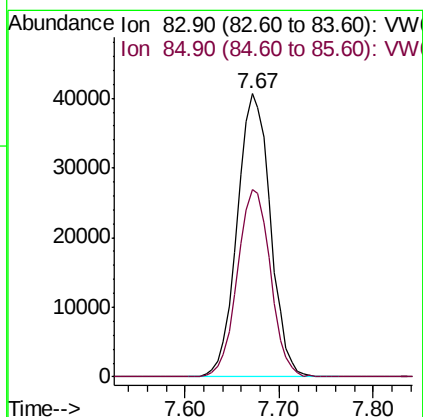
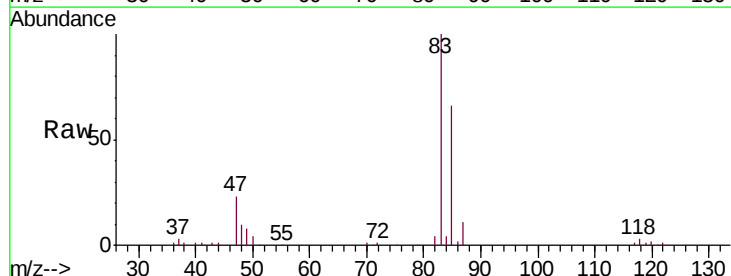
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

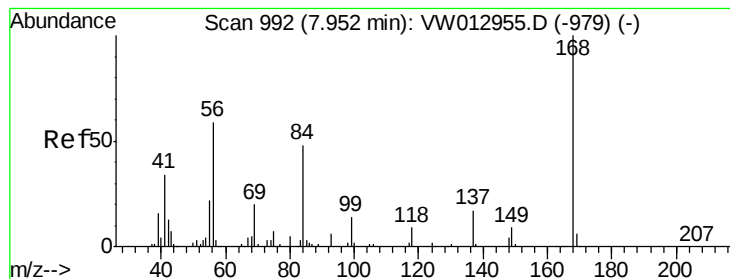
Tgt Ion: 42 Resp: 53939
Ion Ratio Lower Upper
42 100
72 42.2 31.4 47.0
71 38.4 29.8 44.8



#30
Chloroform
Concen: 20.246 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 83 Resp: 100186
Ion Ratio Lower Upper
83 100
85 66.1 52.8 79.2





#31

Cyclohexane

Concen: 17.487 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

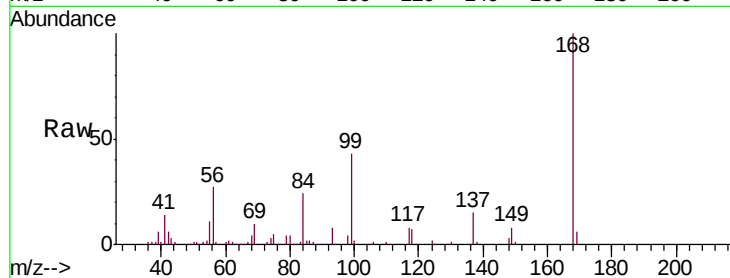
Tgt Ion: 56 Resp: 74036

Ion Ratio Lower Upper

56 100

69 37.4 27.0 40.6

84 87.9 66.2 99.2

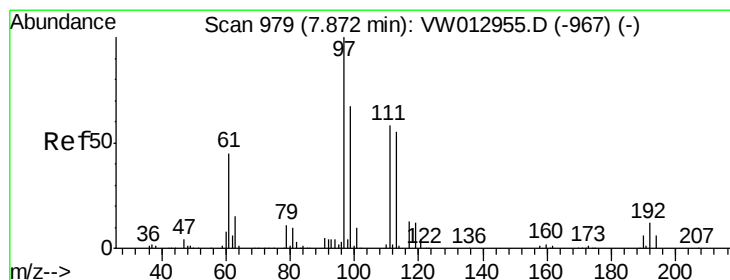
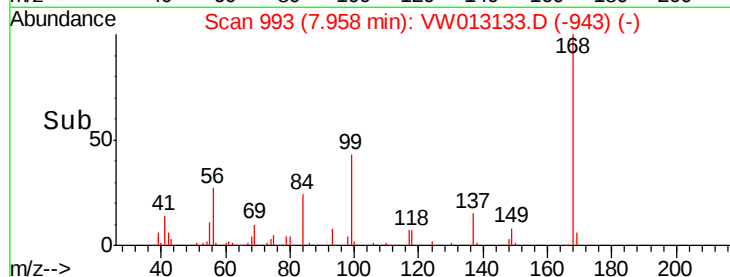
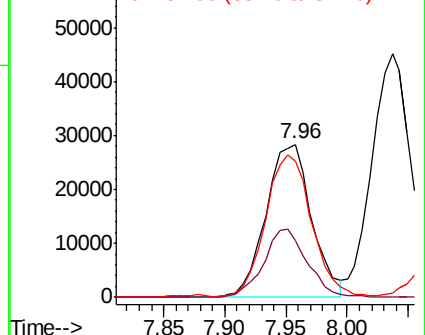


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 17.915 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

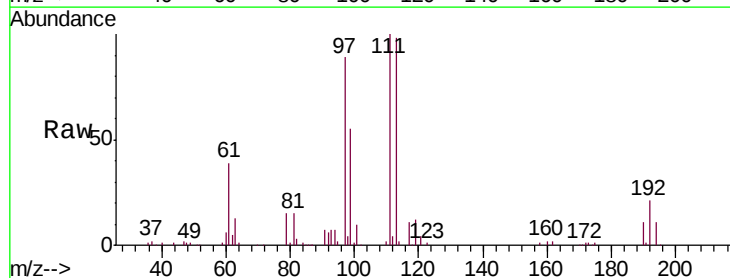
Tgt Ion: 97 Resp: 73007

Ion Ratio Lower Upper

97 100

99 64.8 53.0 79.4

61 43.7 36.5 54.7

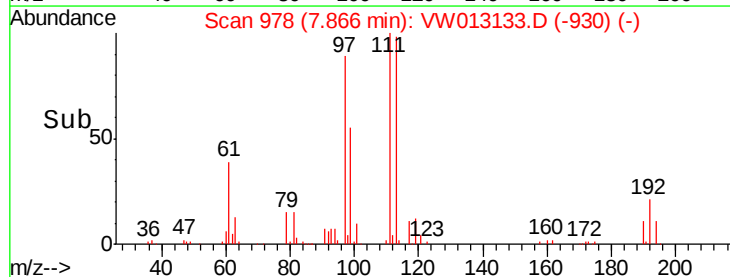
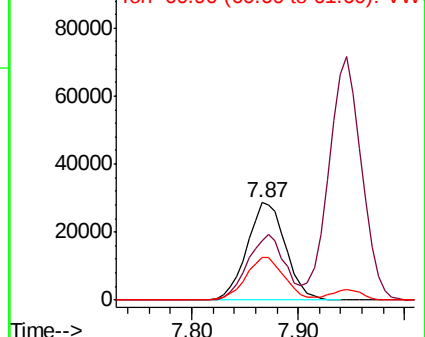


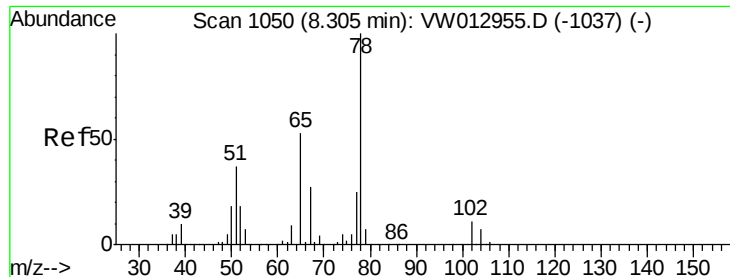
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 44.654 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

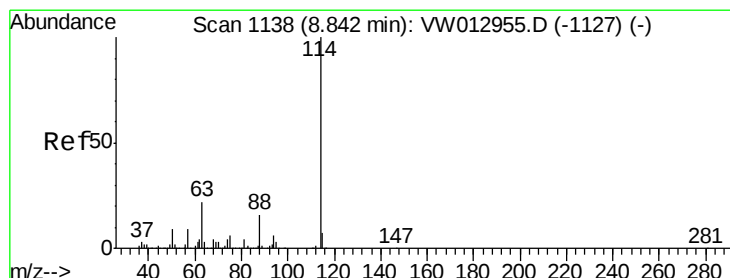
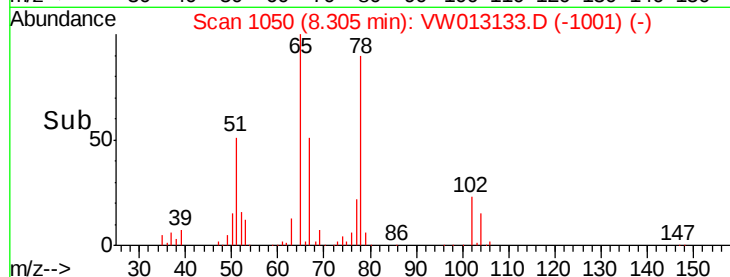
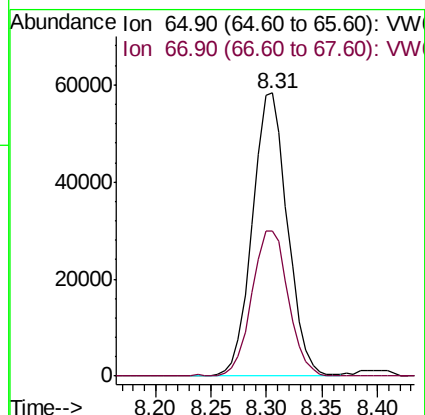
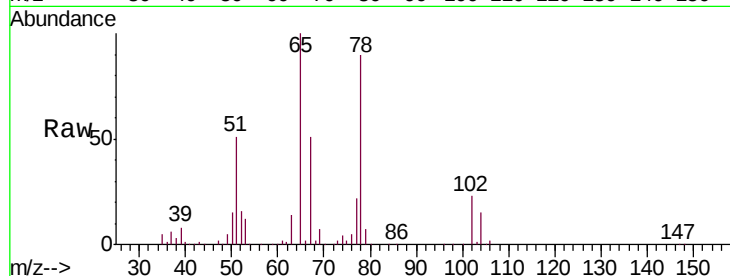
VW0918SBSD02

Tgt Ion: 65 Resp: 127967

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

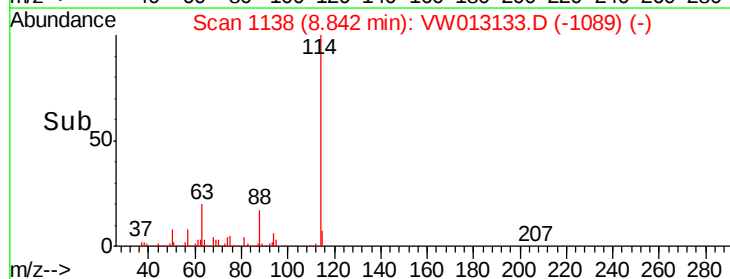
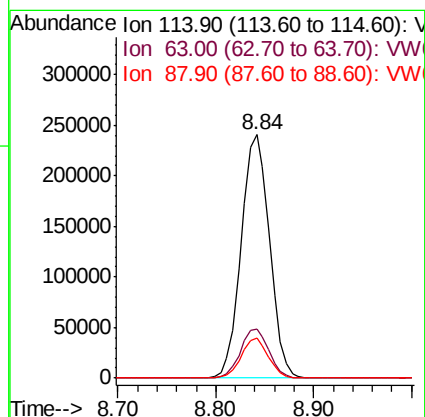
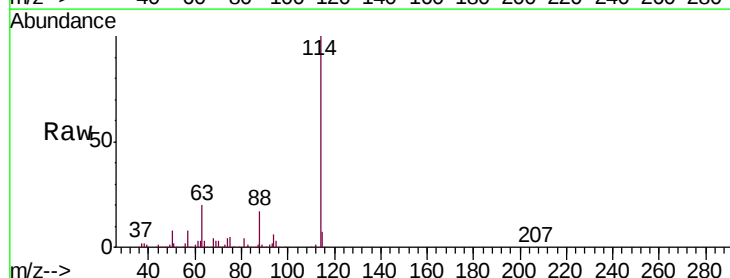
Tgt Ion: 114 Resp: 484035

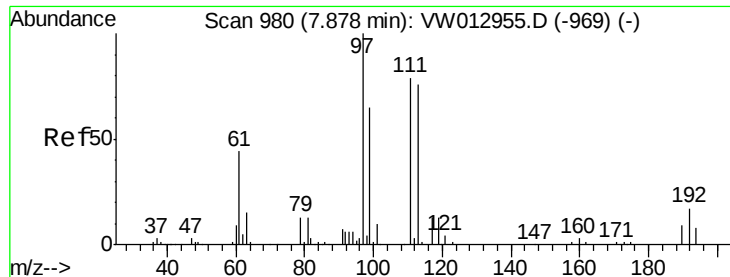
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.4

88 16.7 0.0 31.6

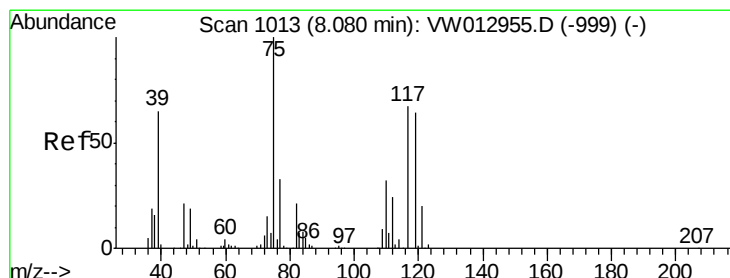
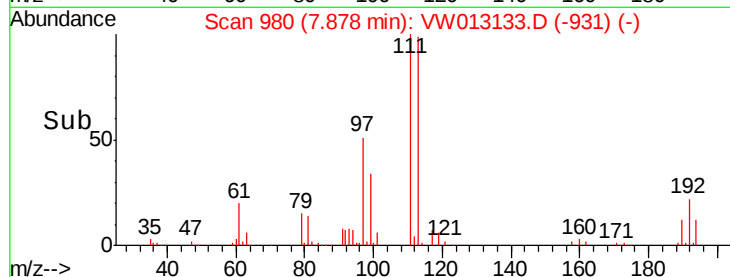
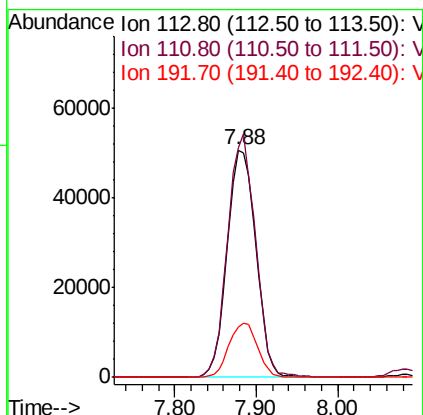
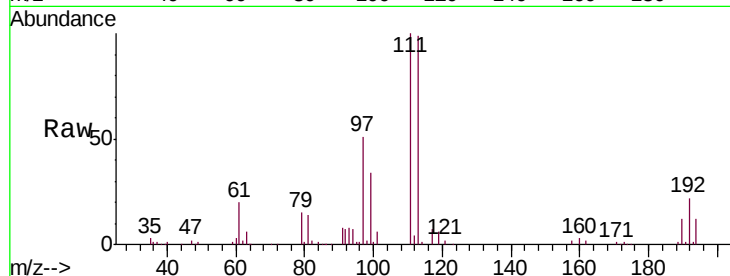




#35
 Dibromofluoromethane
 Concen: 46.982 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

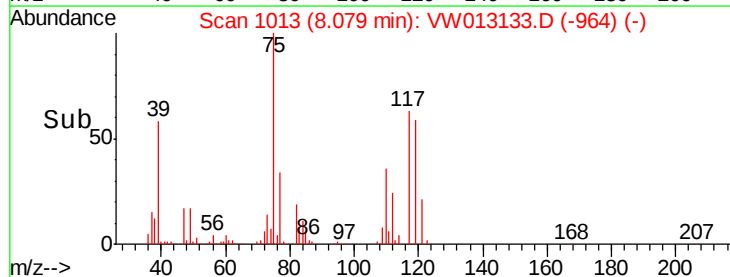
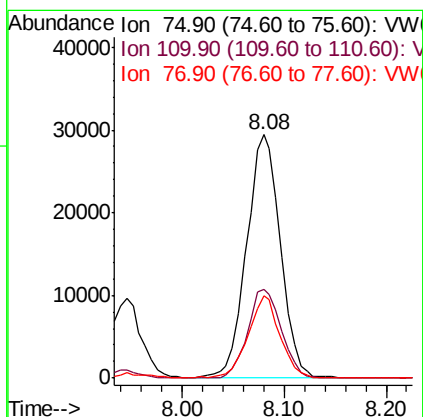
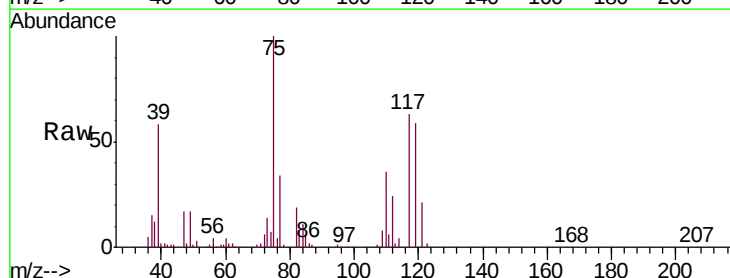
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

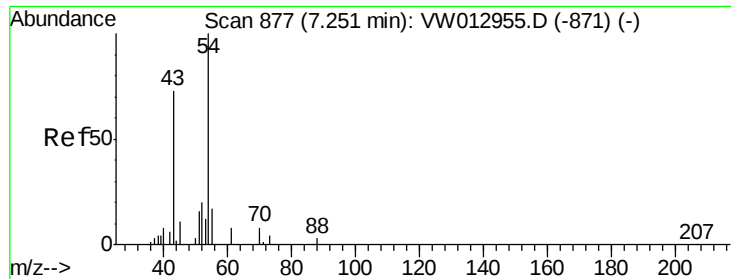
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	23.7	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 17.558 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	16.4	49.1
77	32.1	25.1	37.7

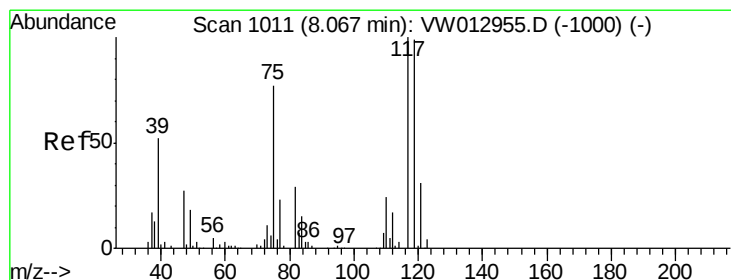
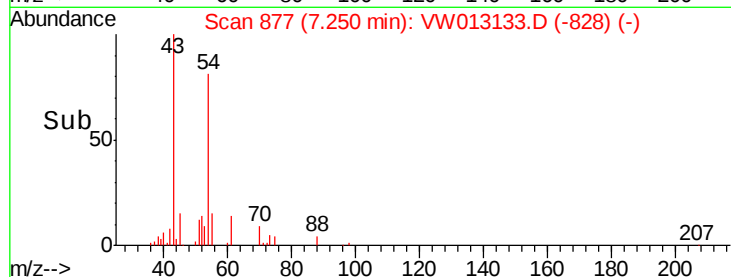
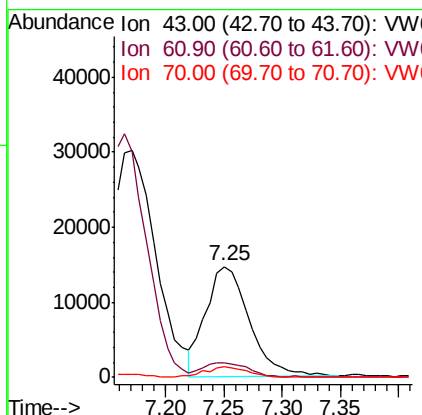
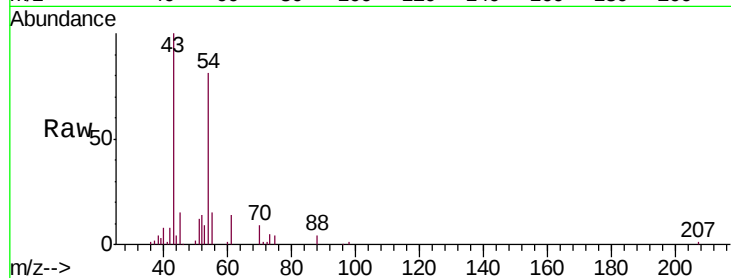




#37
 Ethyl Acetate
 Concen: 18.491 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

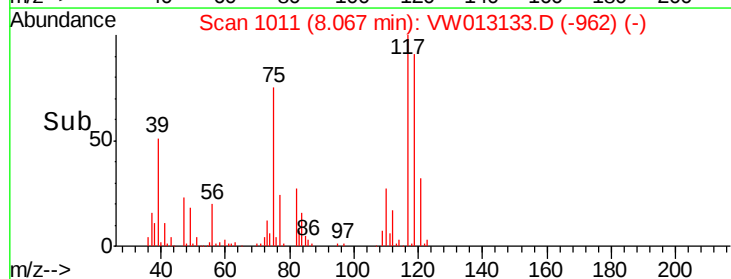
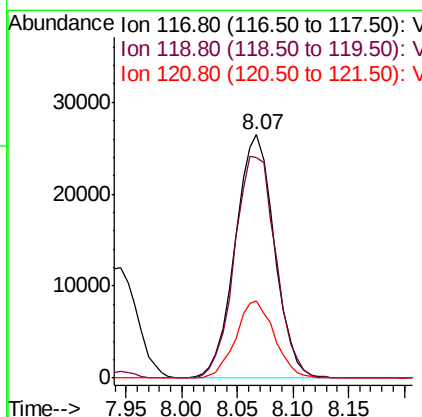
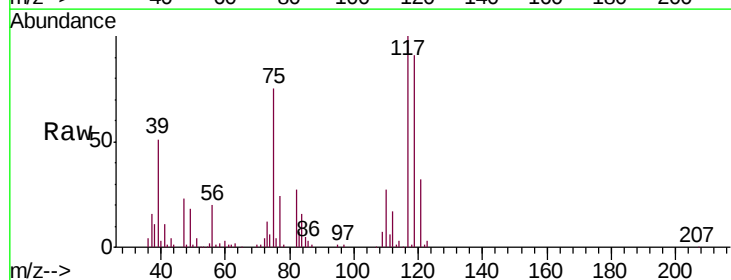
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

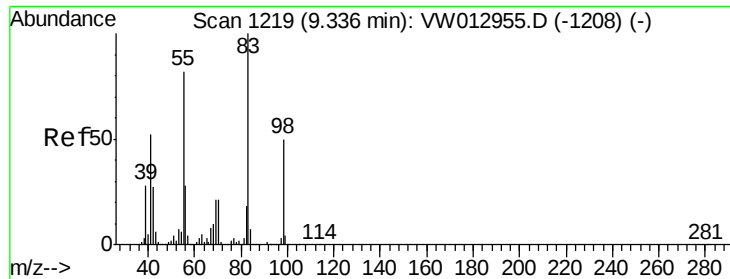
Tgt Ion: 43 Resp: 37963
 Ion Ratio Lower Upper
 43 100
 61 14.4 9.6 14.4
 70 9.7 7.6 11.4



#38
 Carbon Tetrachloride
 Concen: 16.330 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion: 117 Resp: 64726
 Ion Ratio Lower Upper
 117 100
 119 90.5 79.4 119.0
 121 32.0 24.6 36.8

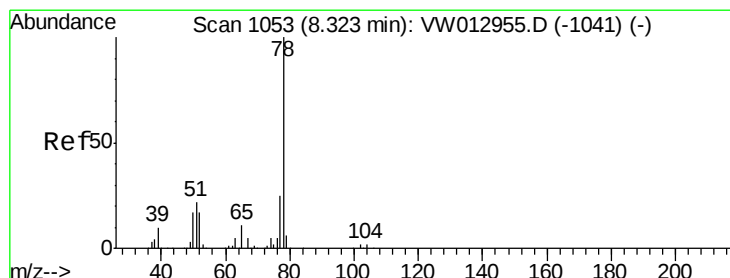
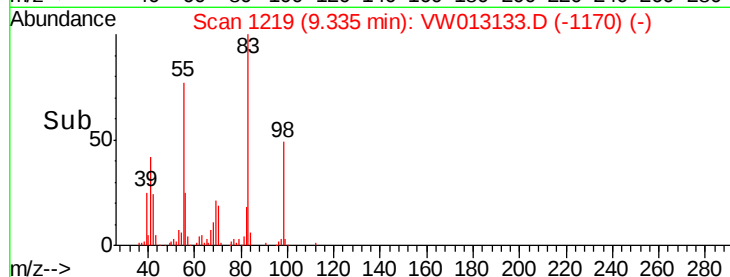
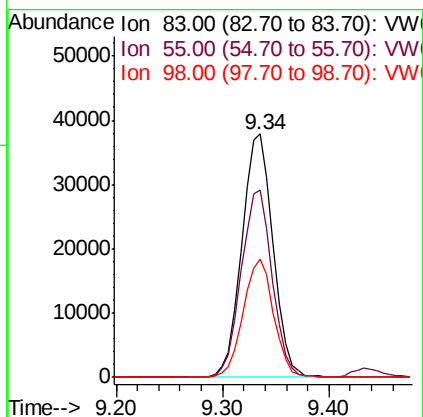
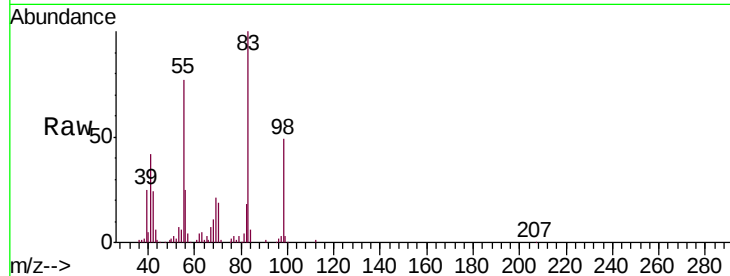




#39
Methylcyclohexane
Concen: 18.356 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

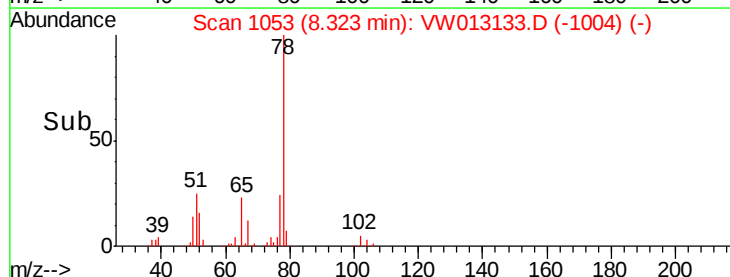
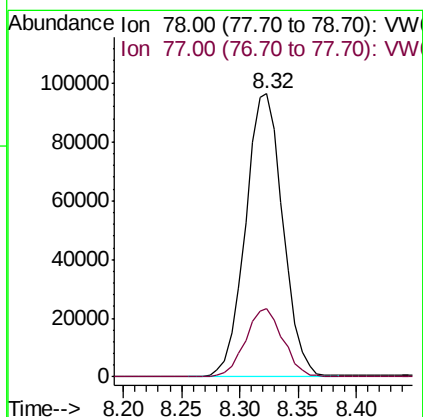
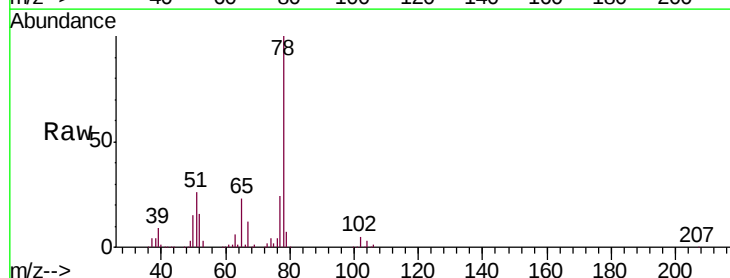
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

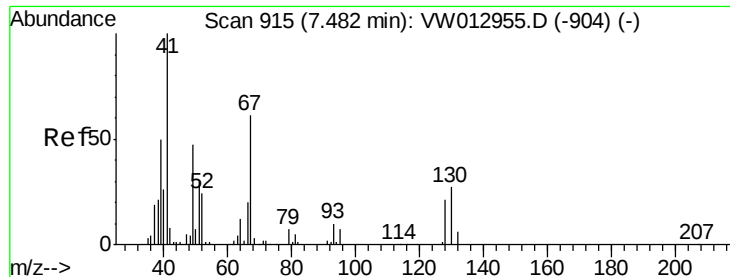
Tgt Ion: 83 Resp: 77800
Ion Ratio Lower Upper
83 100
55 76.9 65.9 98.9
98 48.5 39.6 59.4



#40
Benzene
Concen: 20.062 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 78 Resp: 216621
Ion Ratio Lower Upper
78 100
77 24.3 19.6 29.4





#41

Methacrylonitrile

Concen: 18.436 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

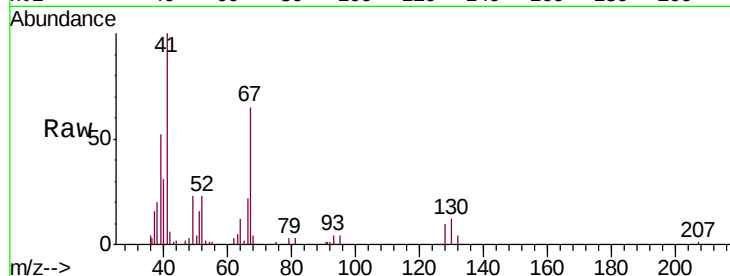
Instrument :

MSVOA_W

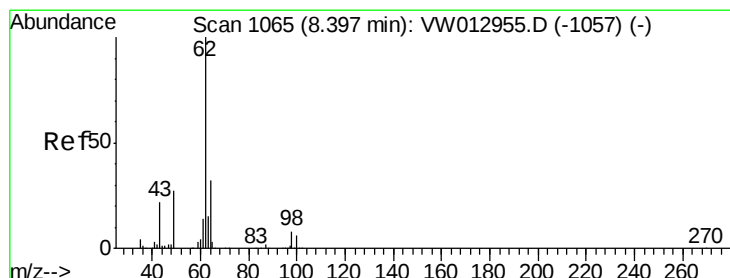
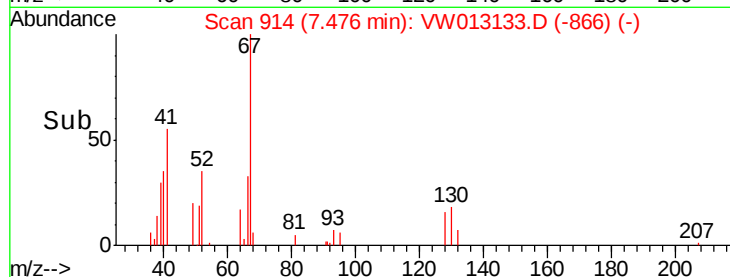
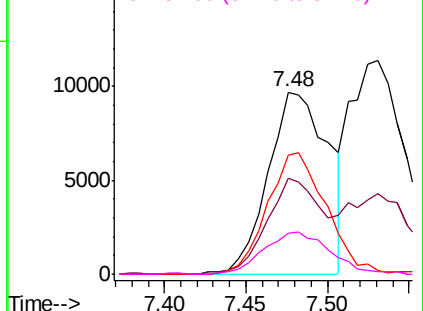
ClientSampleId :

VW0918SBSD02

Tgt Ion:	41	Resp:	24925
Ion	Ratio	Lower	Upper
41	100		
39	46.4	48.2	72.4#
67	65.2	47.5	71.3
52	25.9	21.0	31.4



Abundance Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW
 Ion 67.00 (66.70 to 67.70): VW
 Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 17.926 ug/l

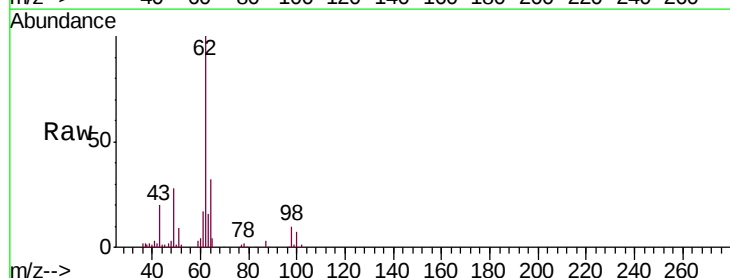
RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

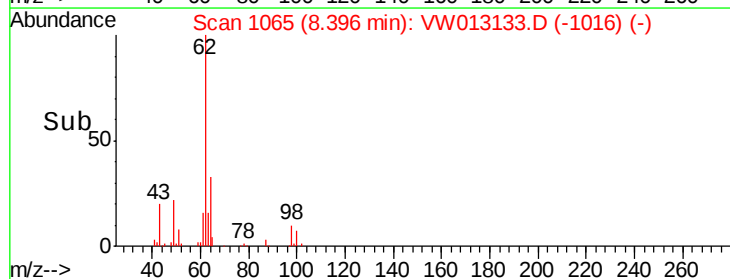
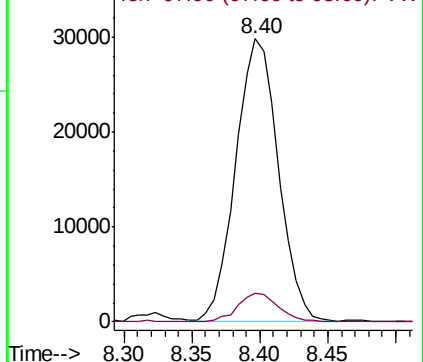
Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	62	Resp:	64887
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VW
 Ion 97.90 (97.60 to 98.60): VW

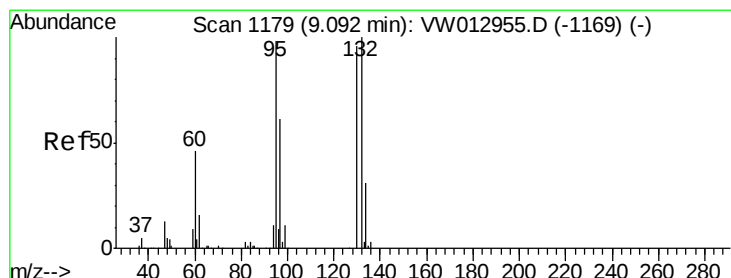
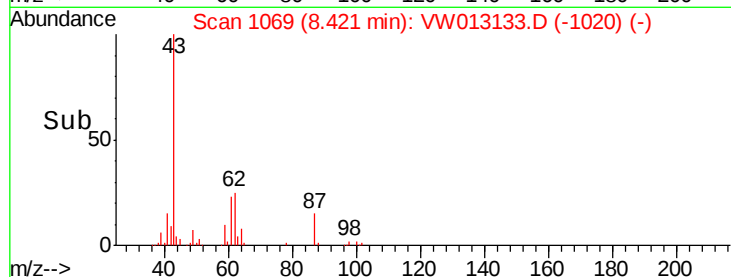
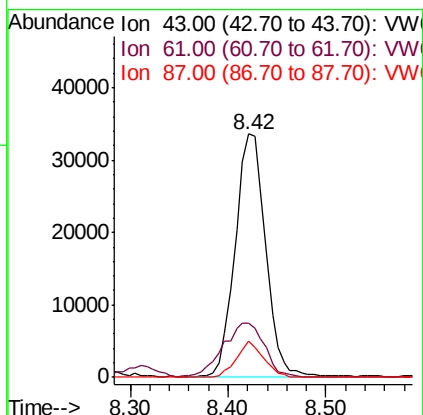
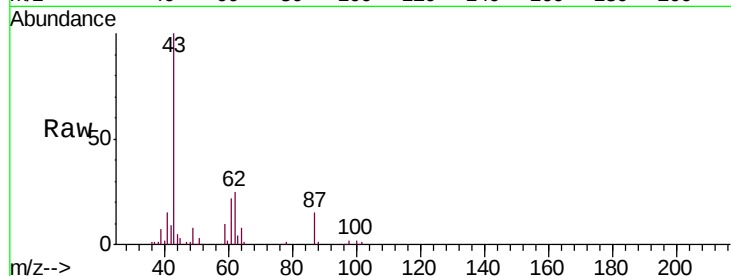




#43
Isopropyl Acetate
Concen: 18.407 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

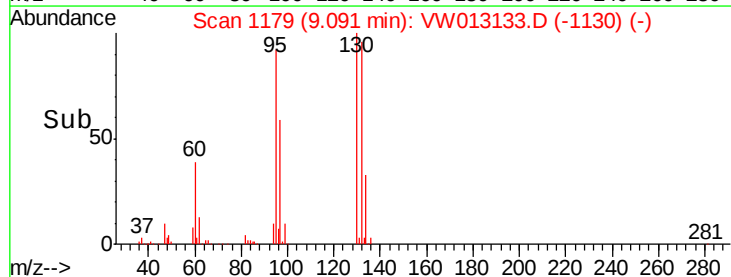
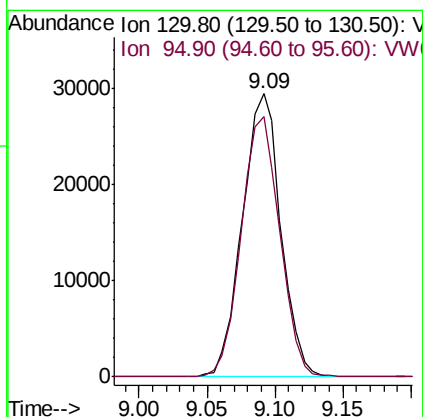
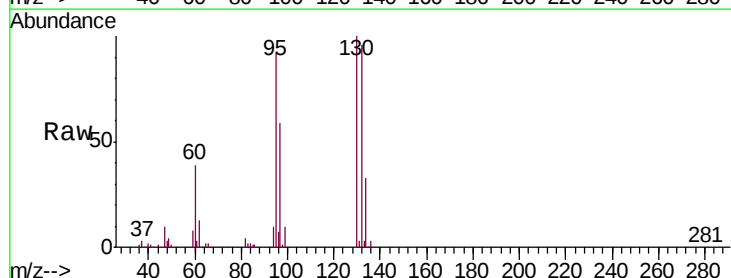
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

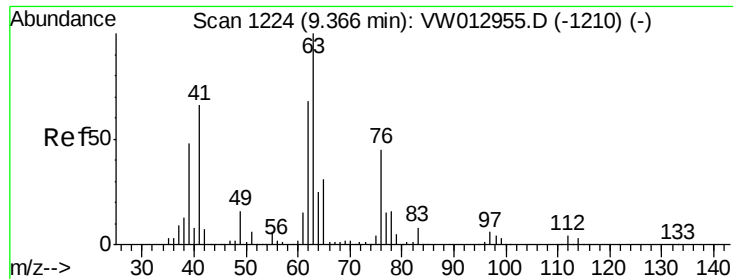
Tgt Ion: 43 Resp: 72558
Ion Ratio Lower Upper
43 100
61 29.8 22.7 34.1
87 13.2 9.4 14.2



#44
Trichloroethene
Concen: 19.723 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 130 Resp: 58333
Ion Ratio Lower Upper
130 100
95 91.9 0.0 204.4

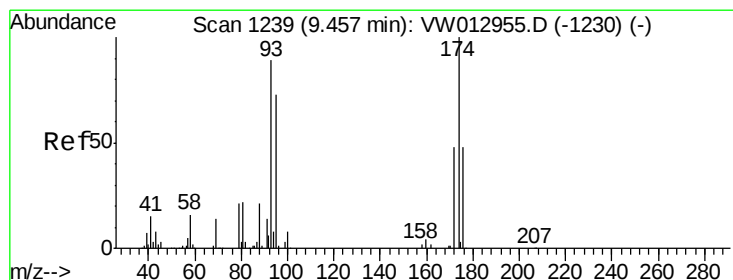
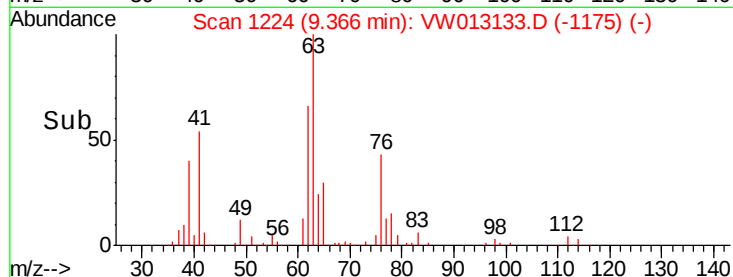
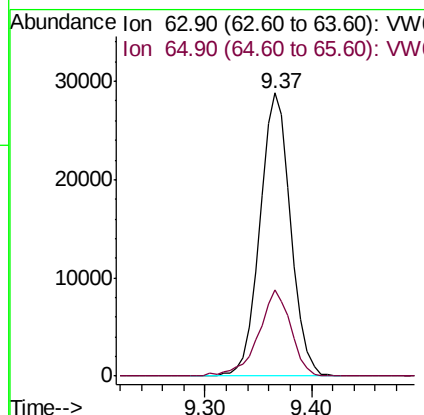
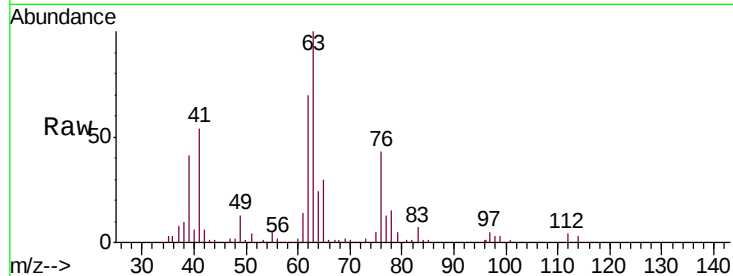




#45
 1,2-Dichloropropane
 Concen: 20.235 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

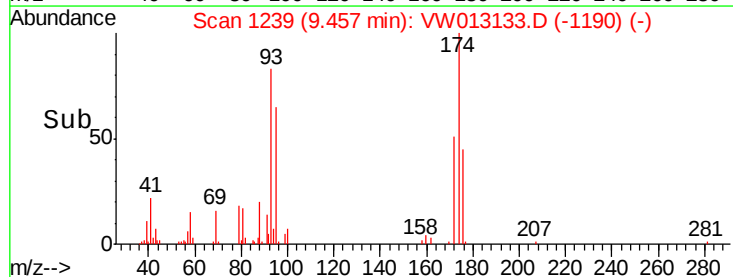
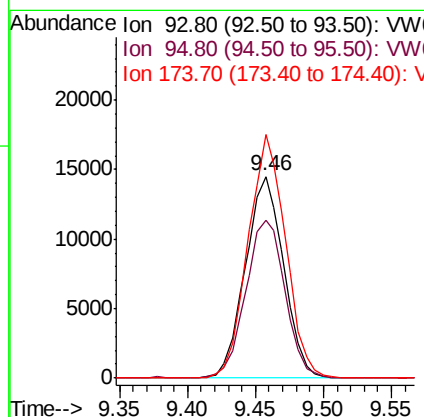
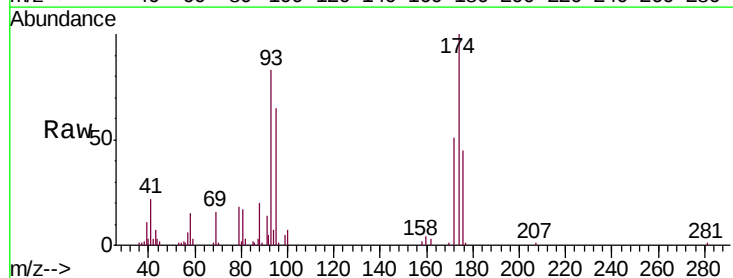
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

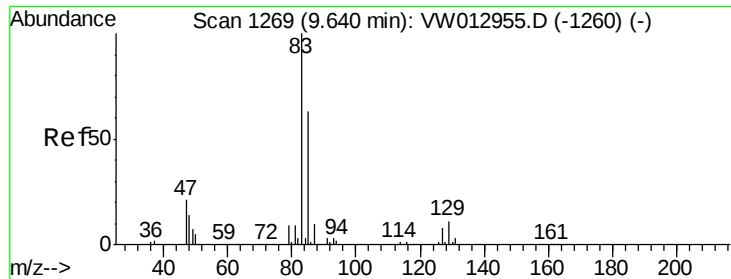
Tgt Ion: 63 Resp: 58049
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 37.0



#46
 Dibromomethane
 Concen: 20.739 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion: 93 Resp: 28504
 Ion Ratio Lower Upper
 93 100
 95 80.5 67.0 100.4
 174 118.6 90.5 135.7





#47

Bromodichloromethane

Concen: 18.710 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

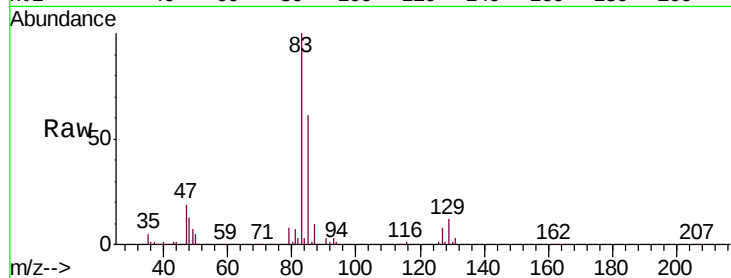
Tgt Ion: 83 Resp: 72131

Ion Ratio Lower Upper

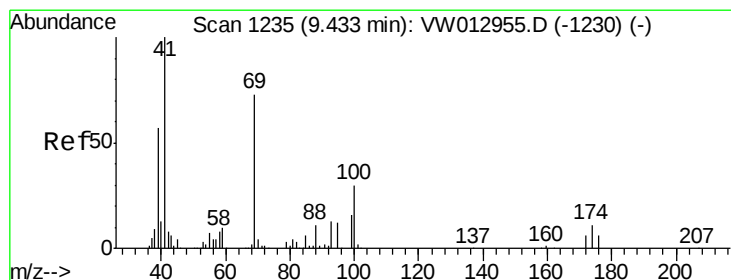
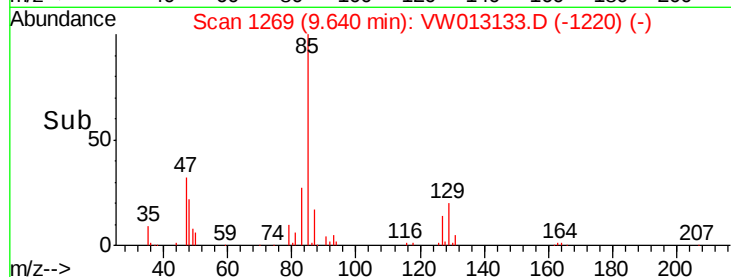
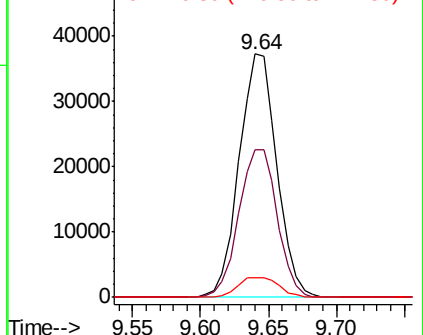
83 100

85 60.8 50.6 75.8

127 8.3 6.7 10.1



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: 18.192 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

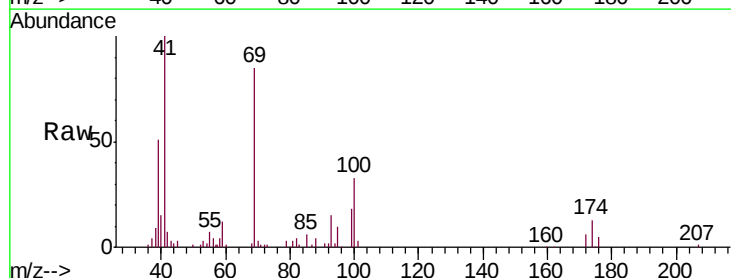
Tgt Ion: 41 Resp: 33654

Ion Ratio Lower Upper

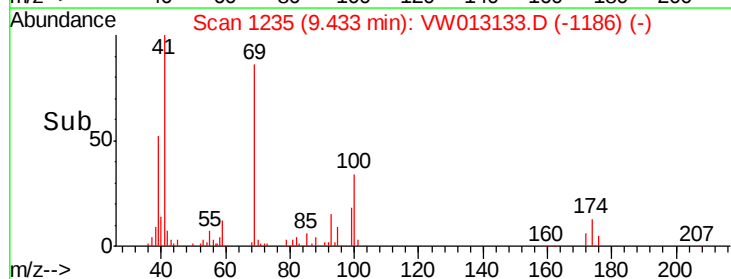
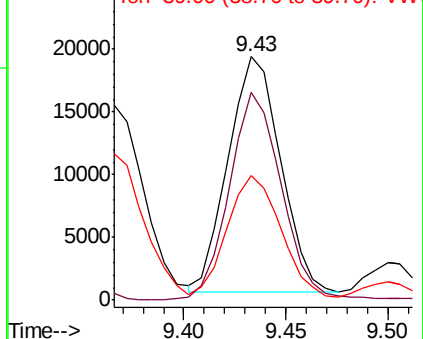
41 100

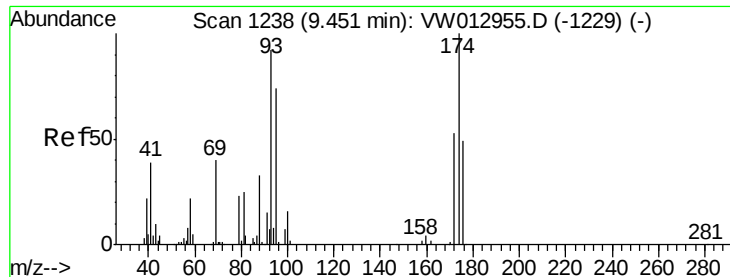
69 88.3 62.8 94.2

39 55.2 48.5 72.7



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: 384.925 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

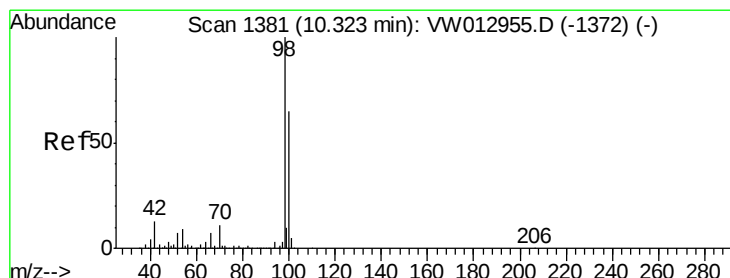
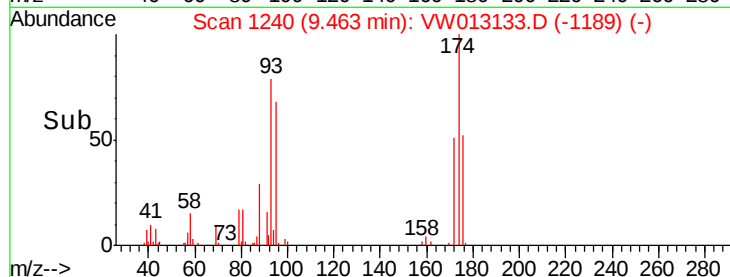
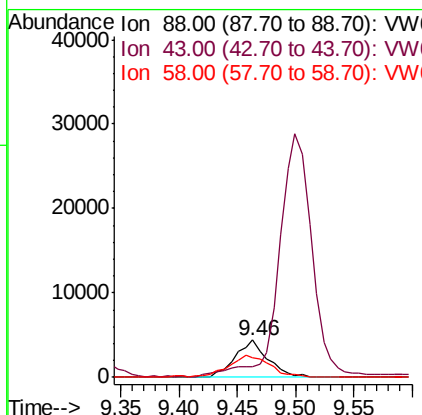
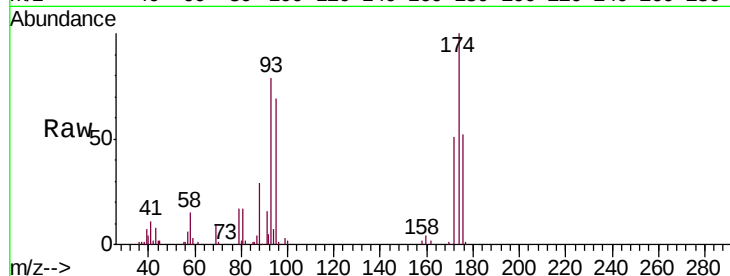
Tgt Ion: 88 Resp: 8865

Ion Ratio Lower Upper

88 100

43 0.0 31.3 46.9#

58 73.1 60.2 90.2



#50

Toluene-d8

Concen: 47.752 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013133.D

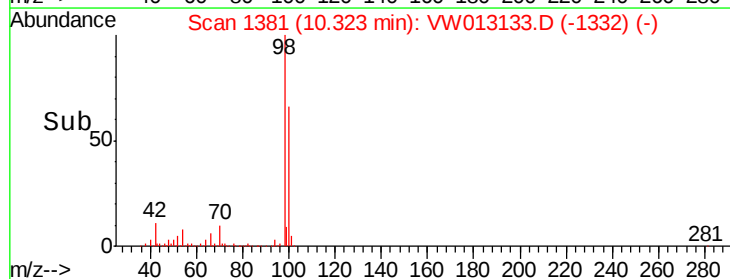
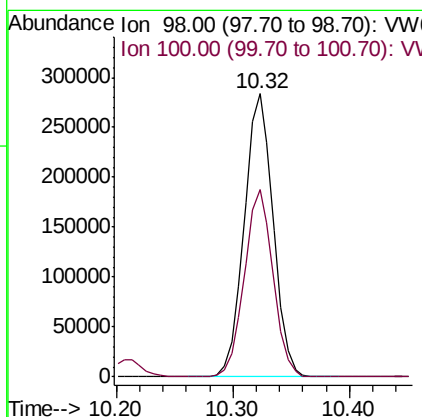
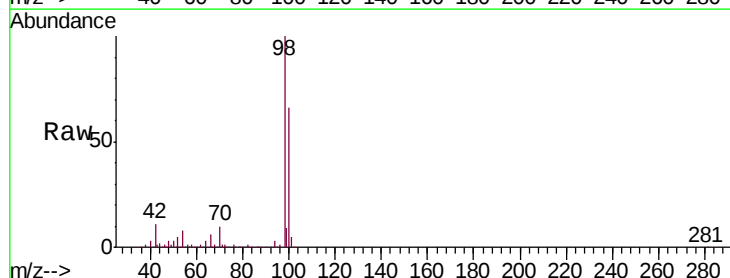
Acq: 19 Sep 2019 01:31

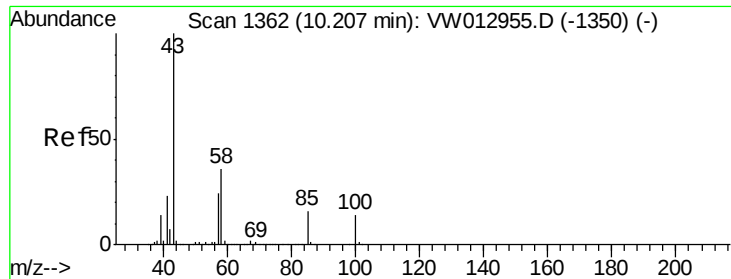
Tgt Ion: 98 Resp: 490776

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 91.599 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

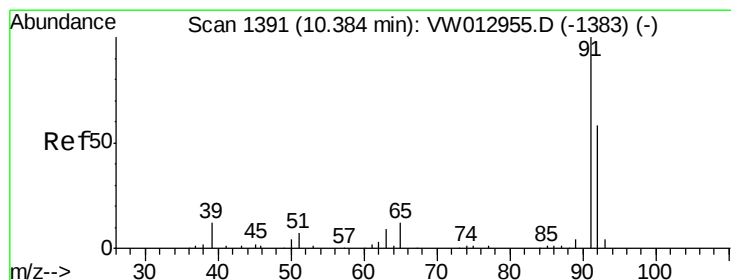
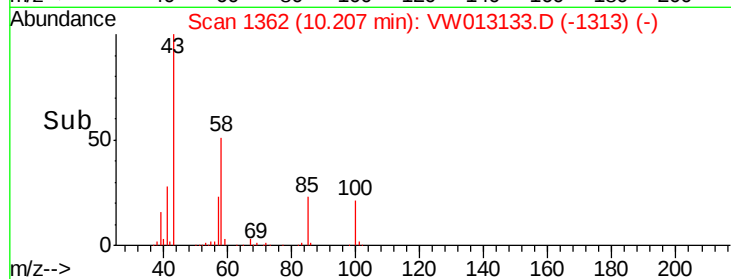
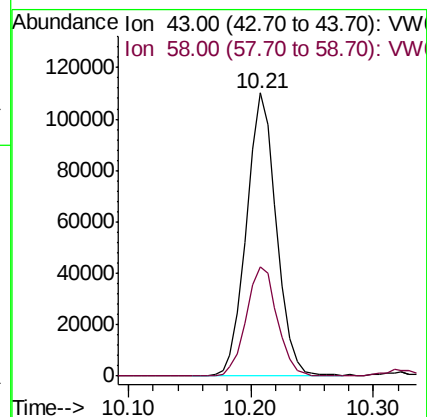
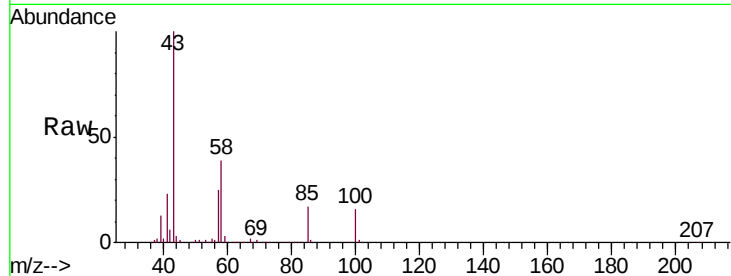
VW0918SBSD02

Tgt Ion: 43 Resp: 186413

Ion Ratio Lower Upper

43 100

58 40.3 29.5 44.3



#52

Toluene

Concen: 20.329 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013133.D

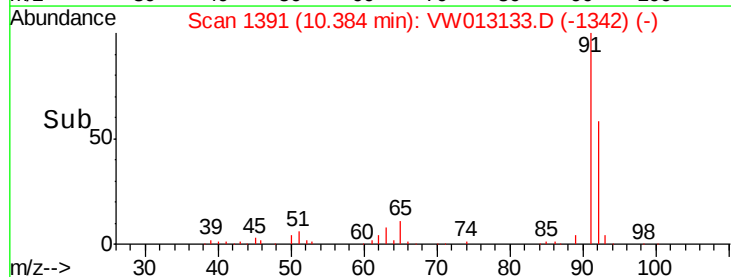
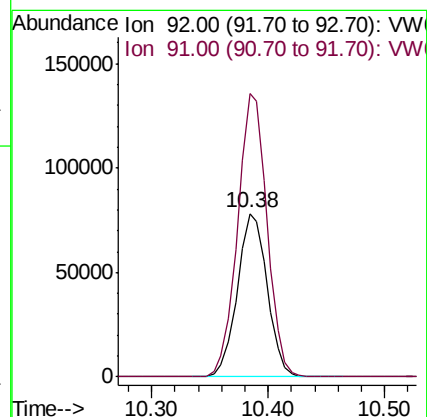
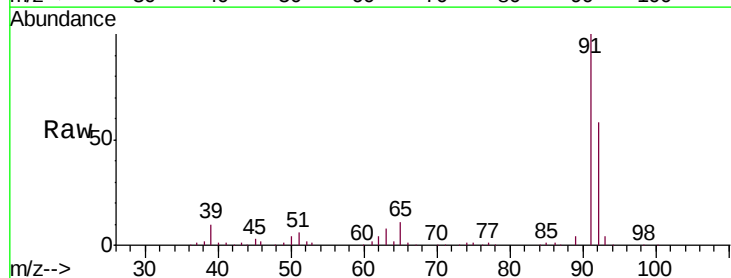
Acq: 19 Sep 2019 01:31

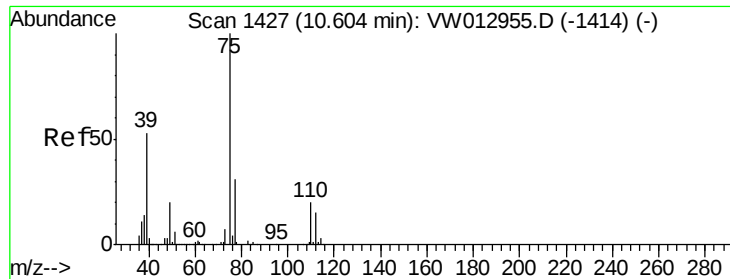
Tgt Ion: 92 Resp: 139487

Ion Ratio Lower Upper

92 100

91 171.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 18.127 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

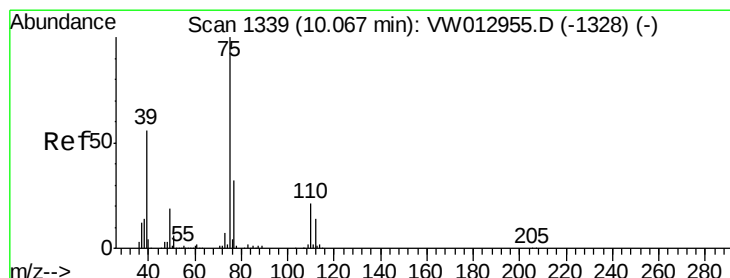
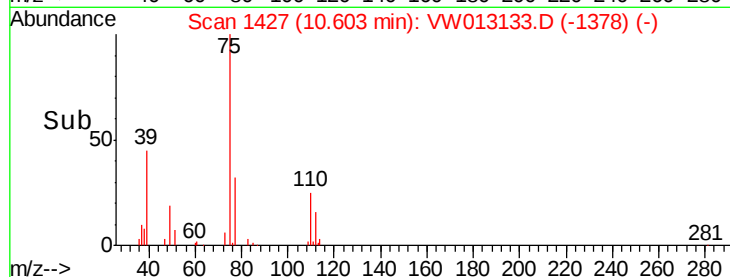
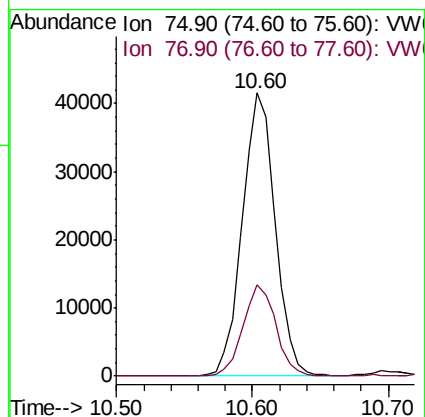
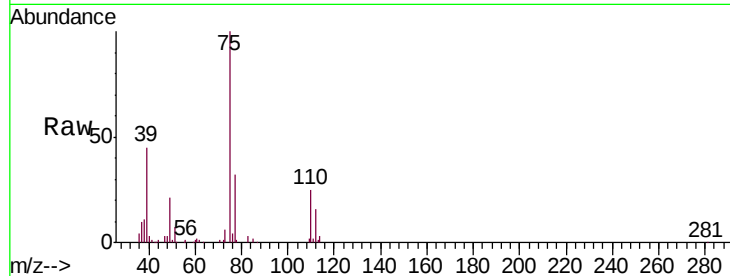
VW0918SBSD02

Tgt Ion: 75 Resp: 70286

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.233 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

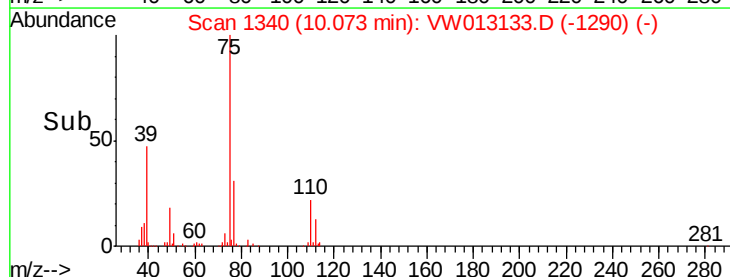
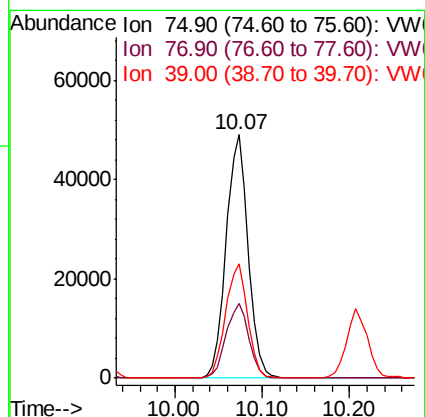
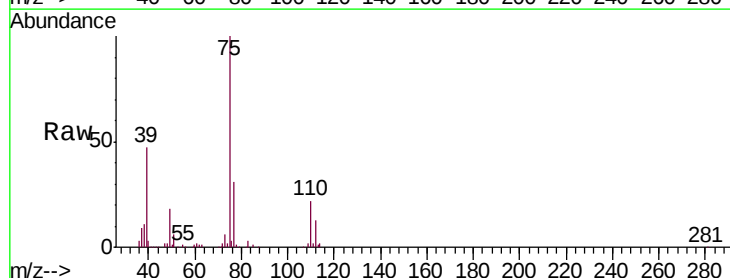
Tgt Ion: 75 Resp: 85325

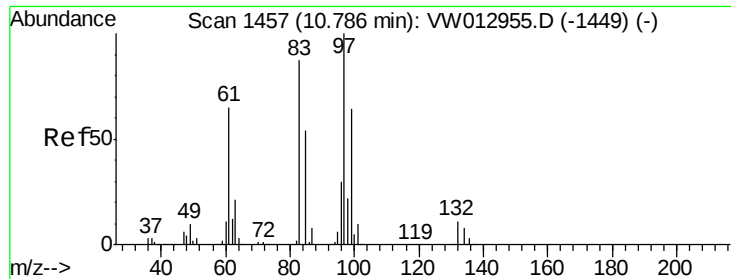
Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

39 46.9 45.0 67.6

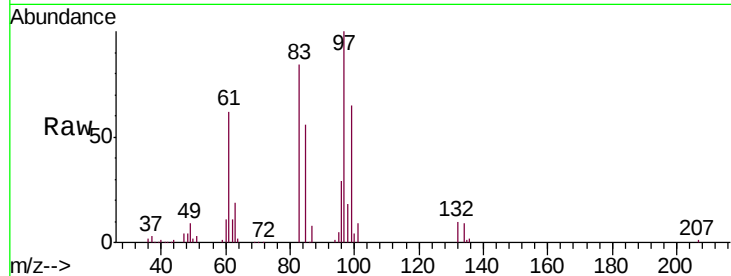




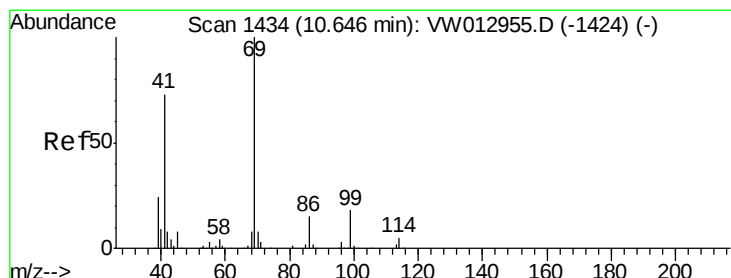
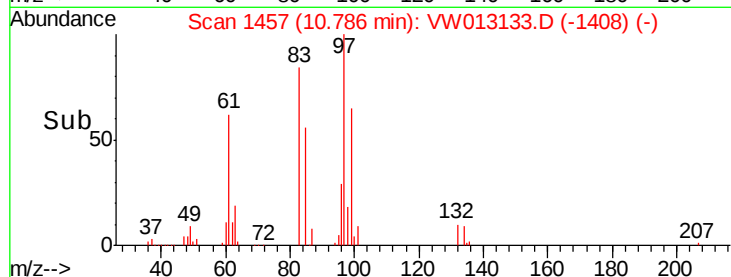
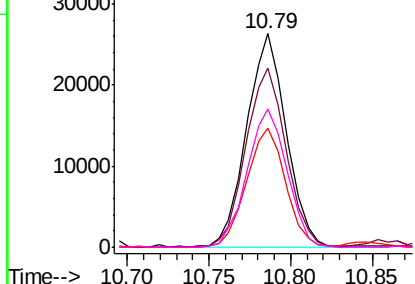
#55
 1,1,2-Trichloroethane
 Concen: 21.218 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tgt Ion:	97	Resp:	44426
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.4	104.0
85	55.5	43.3	64.9
99	64.8	50.9	76.3

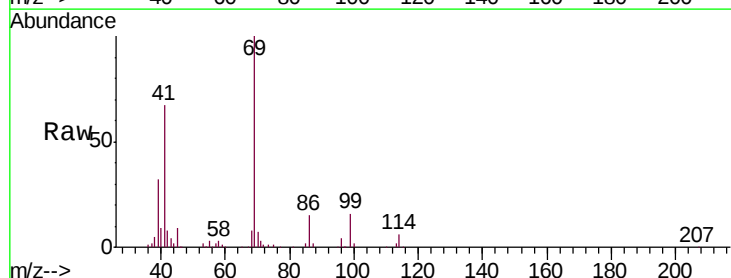


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

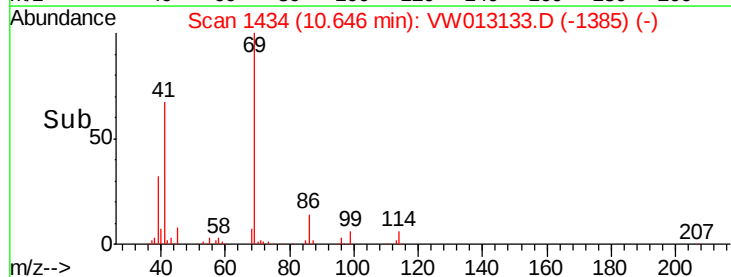
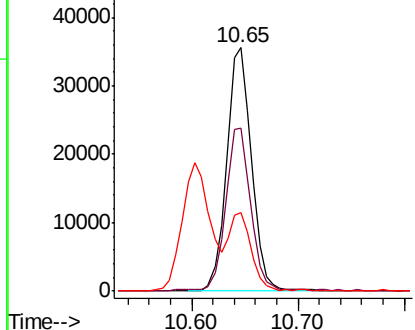


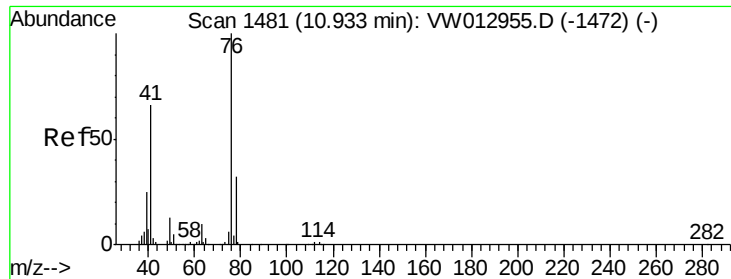
#56
 Ethyl methacrylate
 Concen: 20.641 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion:	69	Resp:	58173
Ion	Ratio	Lower	Upper
69	100		
41	68.0	60.8	91.2
39	28.8	29.4	44.0#



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

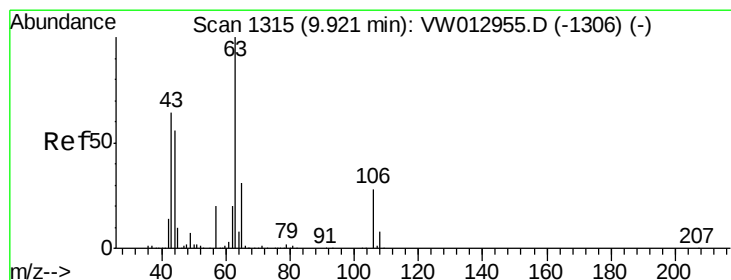
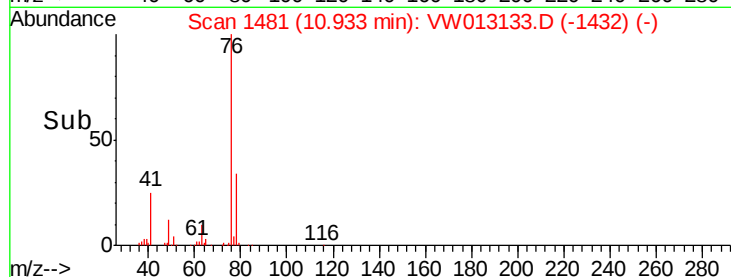
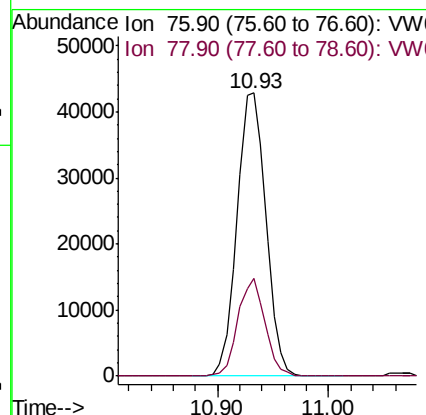
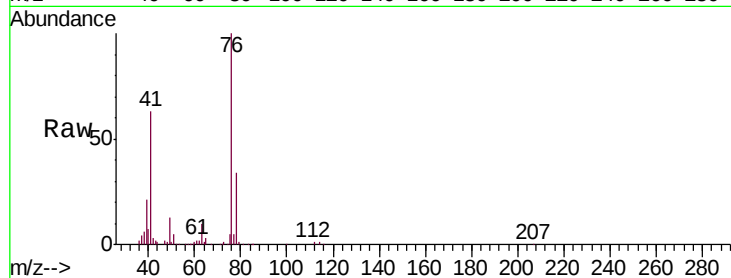




#57
 1,3-Dichloropropane
 Concen: 20.714 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

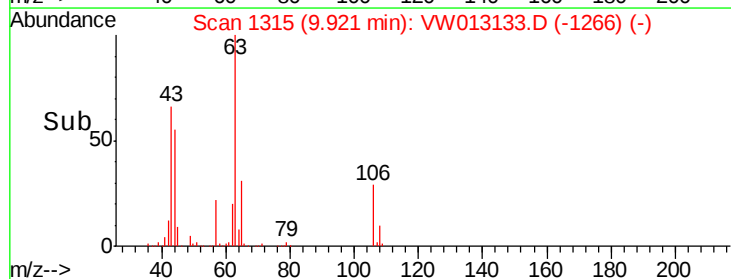
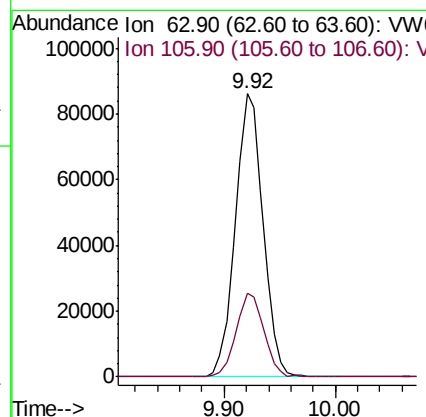
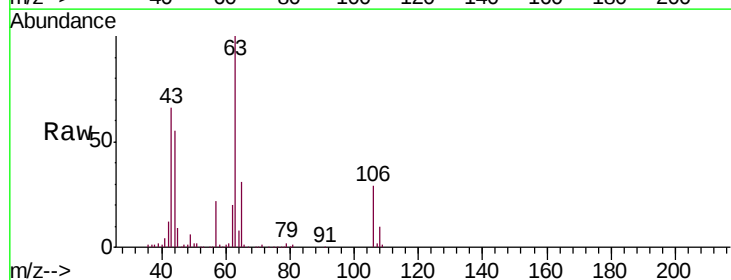
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

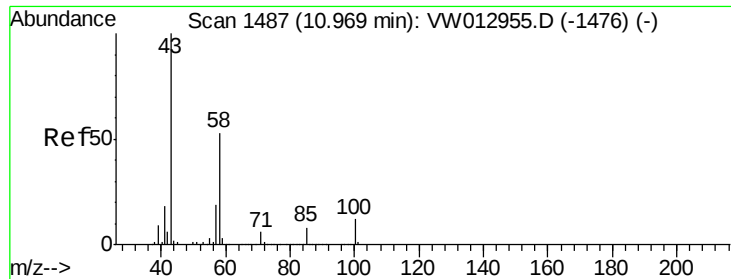
Tgt Ion: 76 Resp: 76938
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.094 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion: 63 Resp: 148302
 Ion Ratio Lower Upper
 63 100
 106 29.5 22.2 33.2

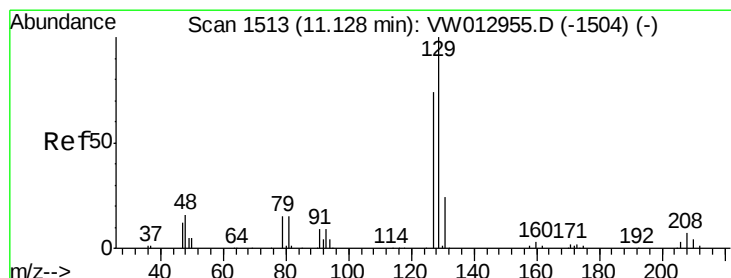
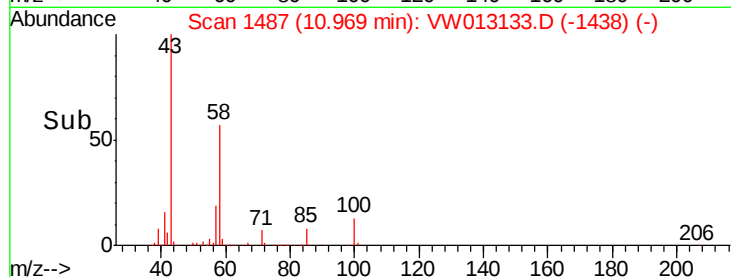
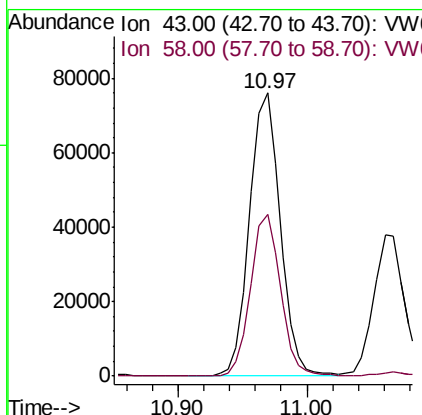
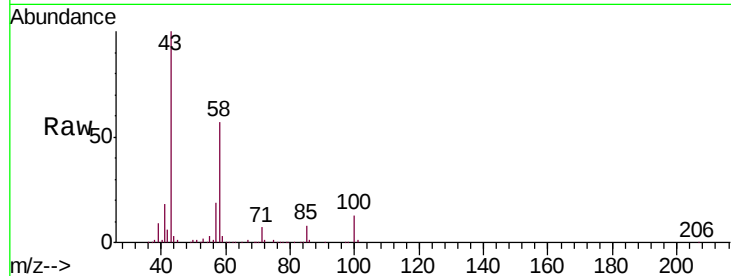




#59
2-Hexanone
Concen: 88.413 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

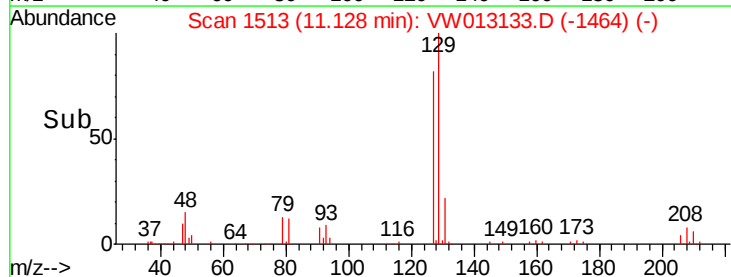
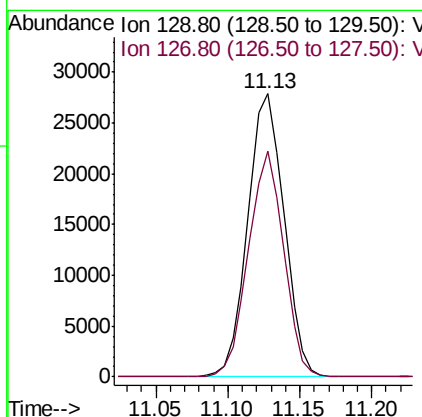
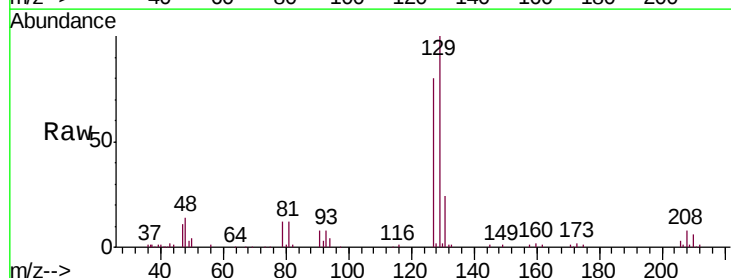
Instrument :
MSVOA_W
ClientSampled :
VW0918SBSD02

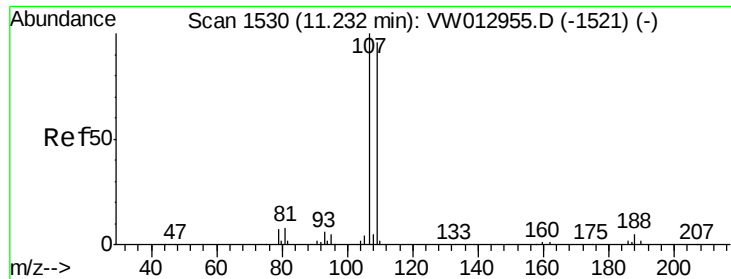
Tgt Ion: 43 Resp: 125286
Ion Ratio Lower Upper
43 100
58 55.9 25.8 77.3



#60
Dibromochloromethane
Concen: 19.213 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 129 Resp: 48636
Ion Ratio Lower Upper
129 100
127 77.3 37.4 112.2

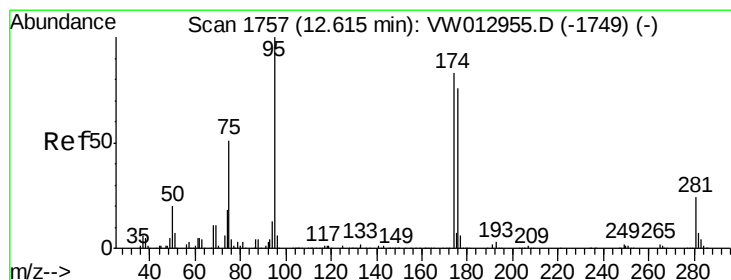
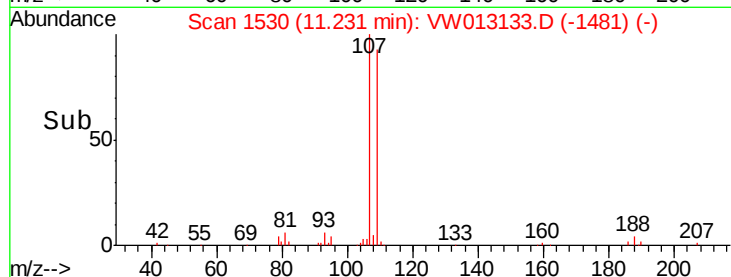
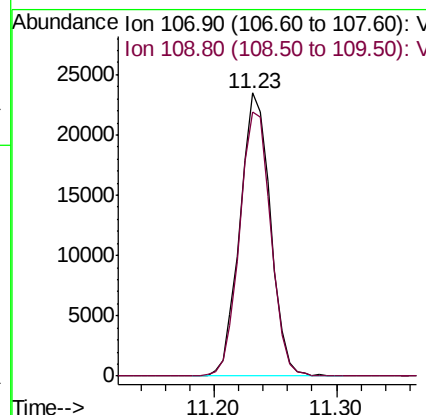
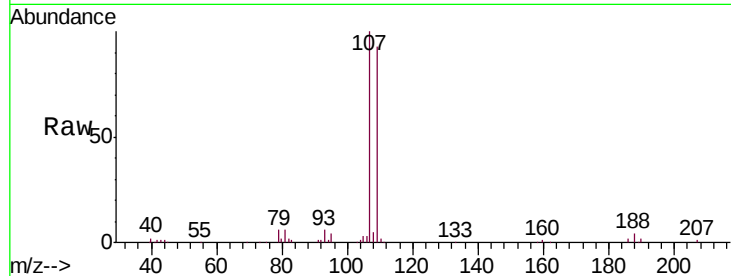




#61
 1,2-Dibromoethane
 Concen: 21.198 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

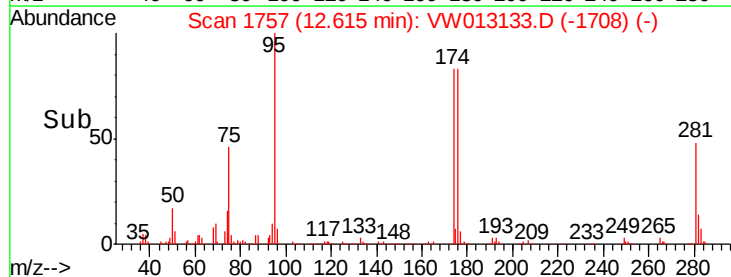
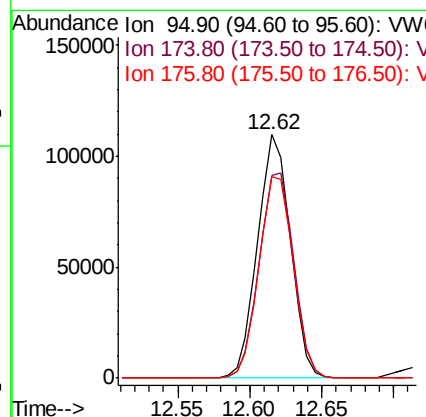
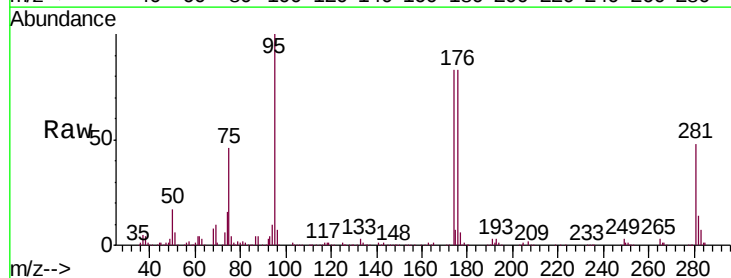
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

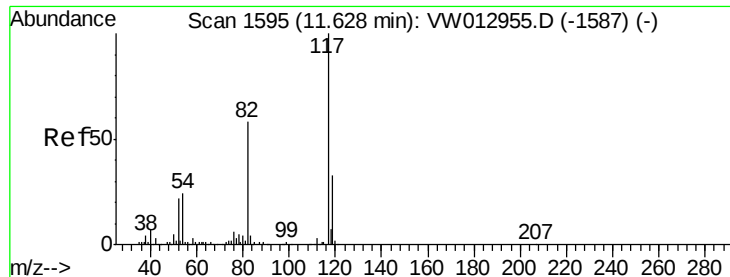
Tgt Ion: 107 Resp: 40489
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.784 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion: 95 Resp: 172895
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 170.4
 176 86.4 0.0 164.6

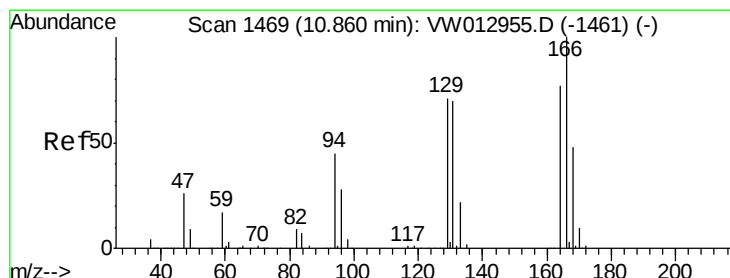
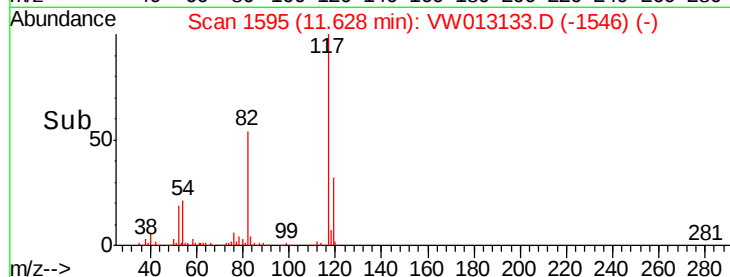
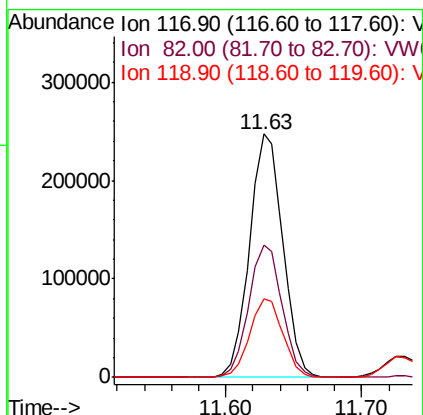
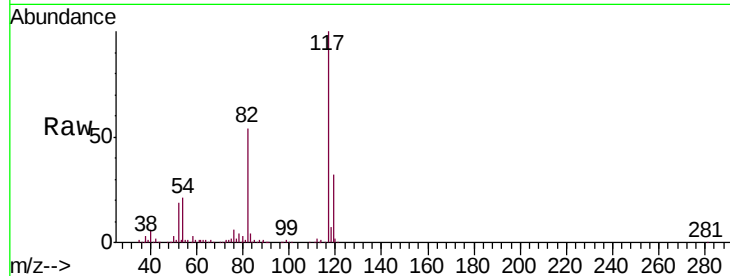




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

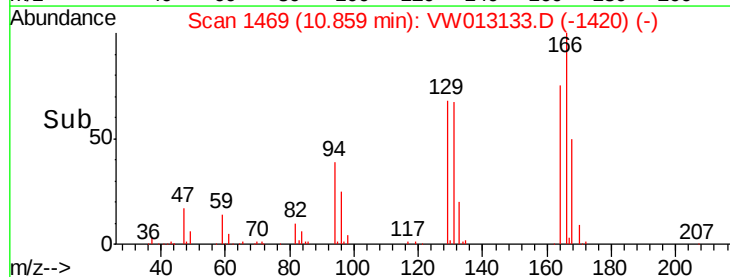
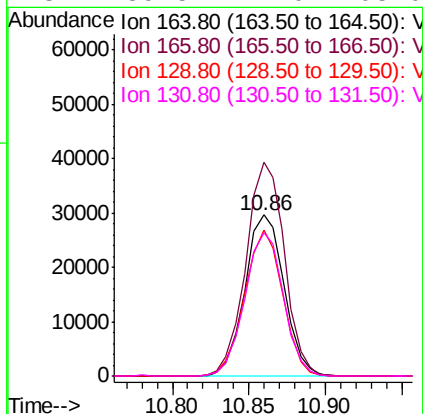
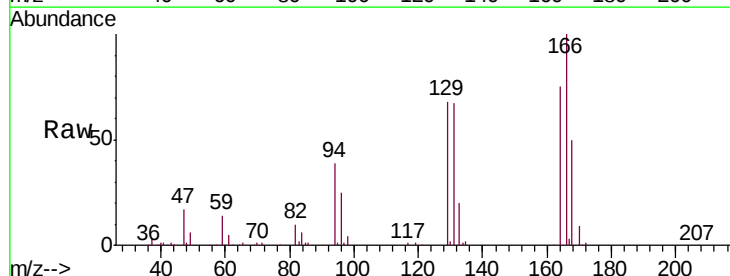
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

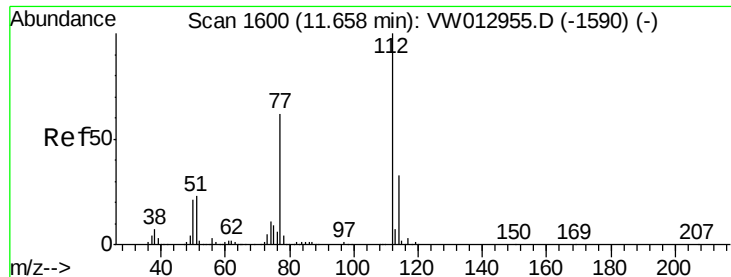
Tgt Ion:117 Resp: 424743
Ion Ratio Lower Upper
117 100
82 54.4 46.3 69.5
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 20.888 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion:164 Resp: 52781
Ion Ratio Lower Upper
164 100
166 132.9 103.3 154.9
129 90.8 73.8 110.8
131 89.5 72.0 108.0

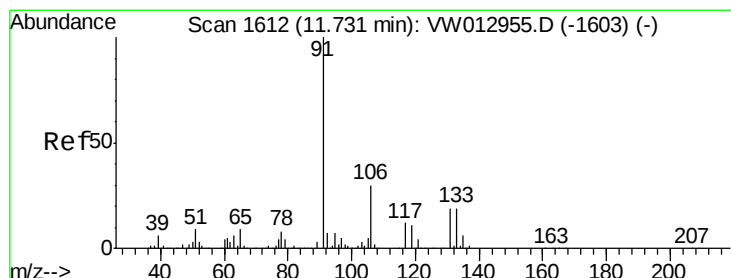
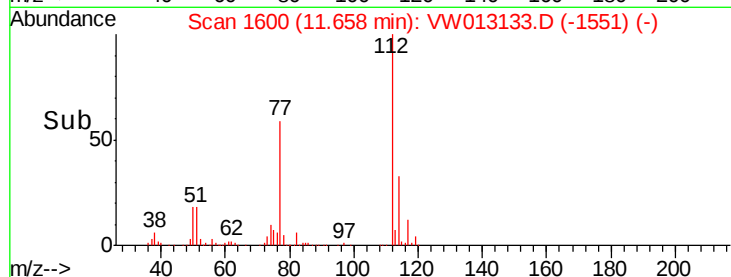
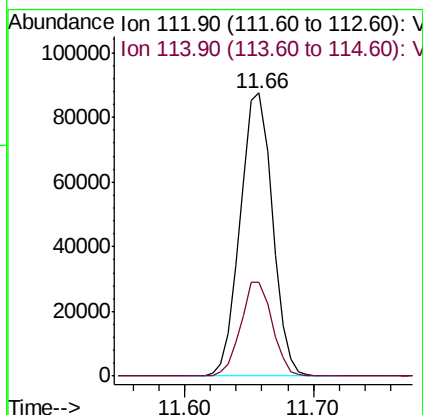
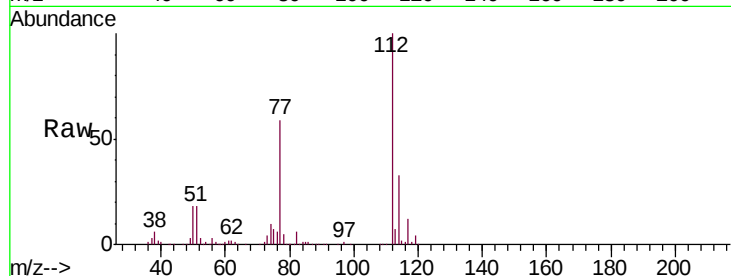




#65
Chlorobenzene
Concen: 20.074 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

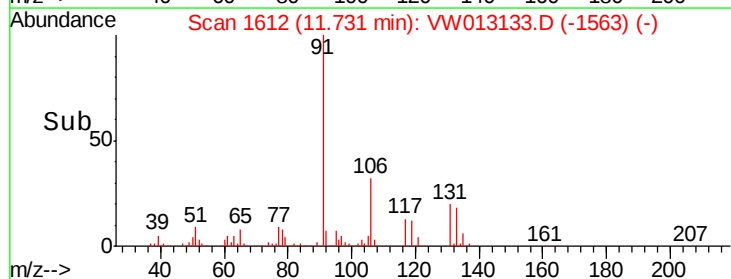
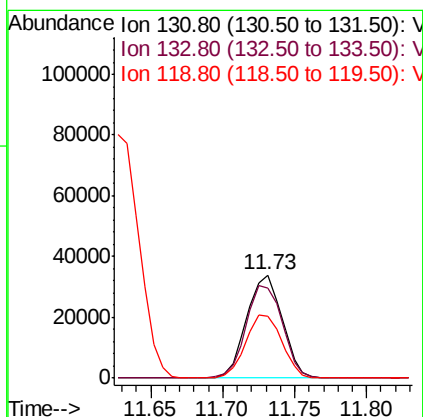
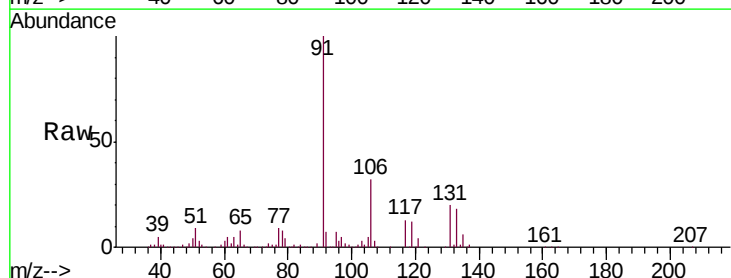
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

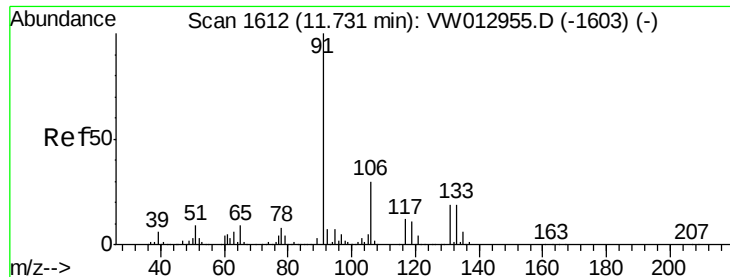
Tgt Ion:112 Resp: 151871
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.015 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion:131 Resp: 58028
Ion Ratio Lower Upper
131 100
133 92.4 47.9 143.8
119 62.5 30.9 92.7

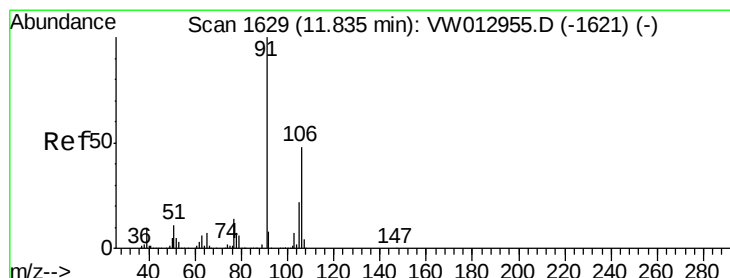
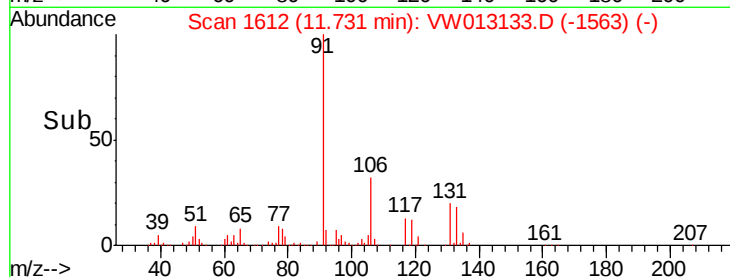
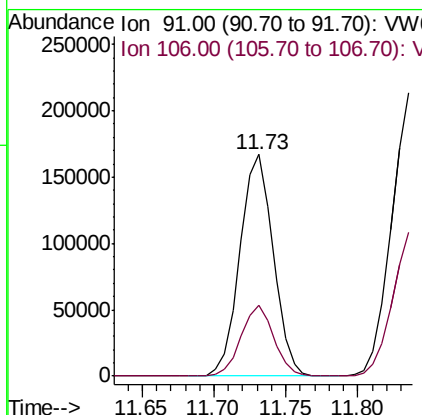
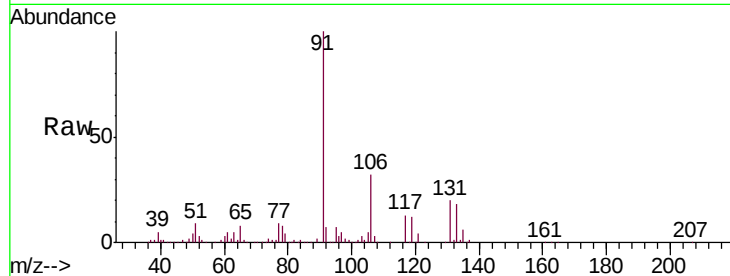




#67
Ethyl Benzene
Concen: 19.214 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

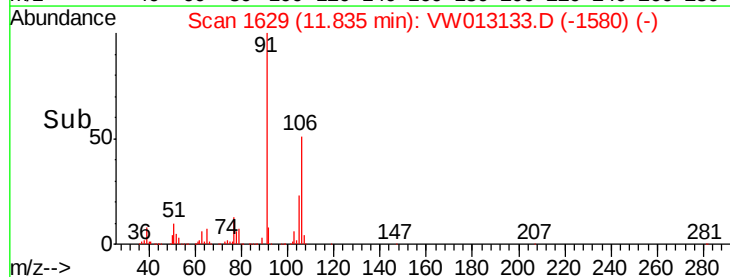
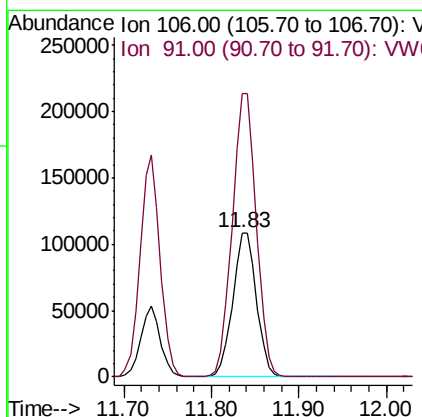
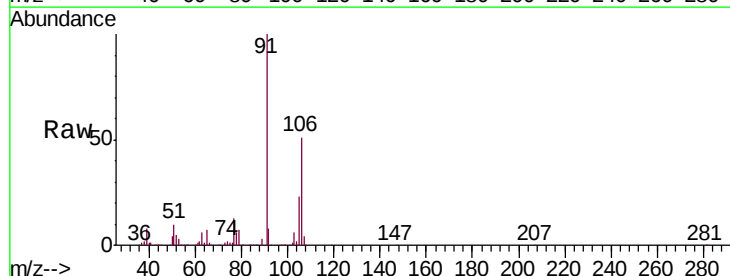
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

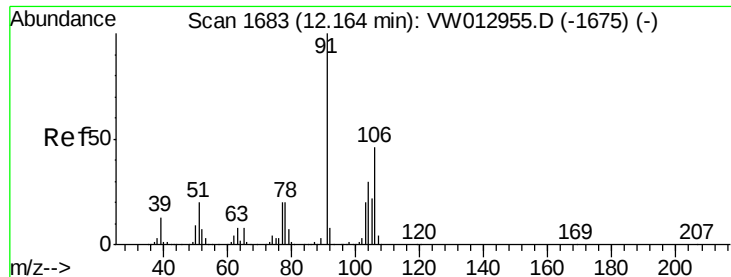
Tgt Ion: 91 Resp: 268468
Ion Ratio Lower Upper
91 100
106 32.1 24.3 36.5



#68
m/p-Xylenes
Concen: 40.167 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 106 Resp: 205032
Ion Ratio Lower Upper
106 100
91 199.4 165.8 248.8

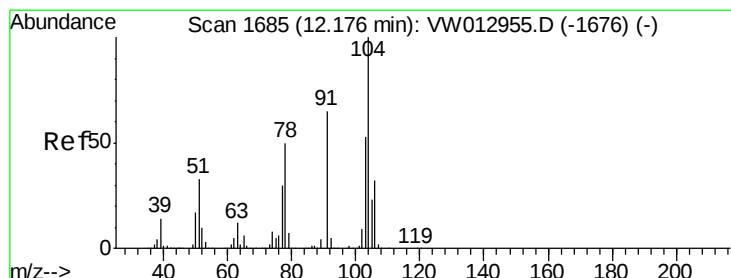
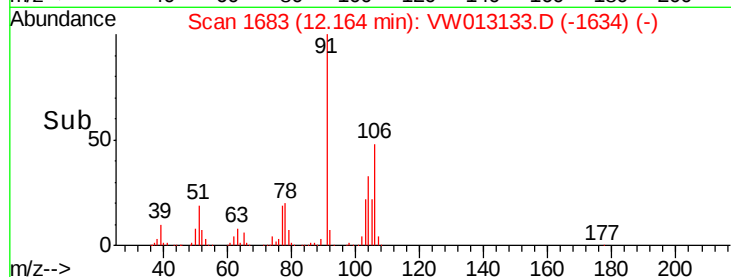
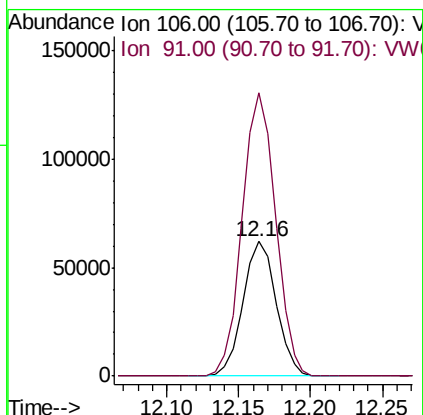
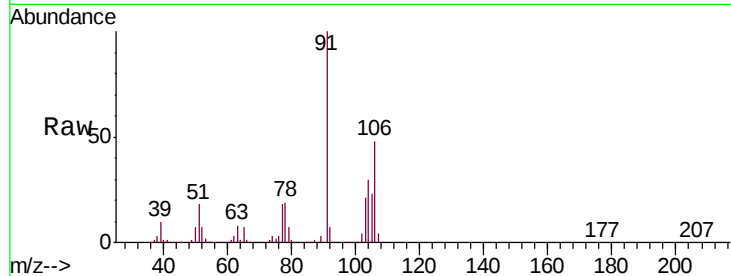




#69
o-Xylene
Concen: 20.741 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

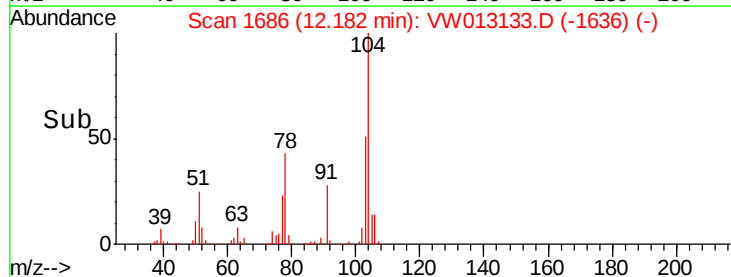
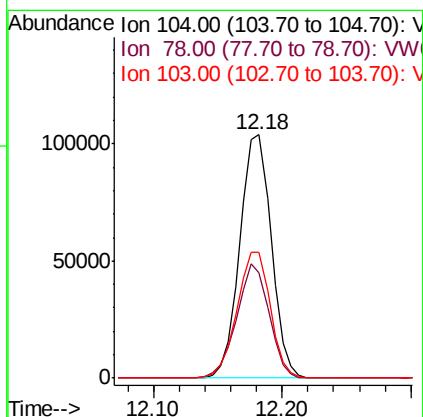
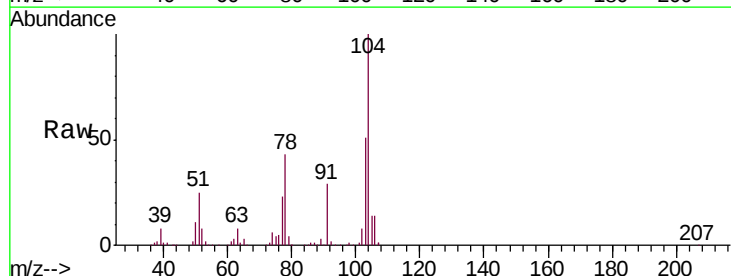
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

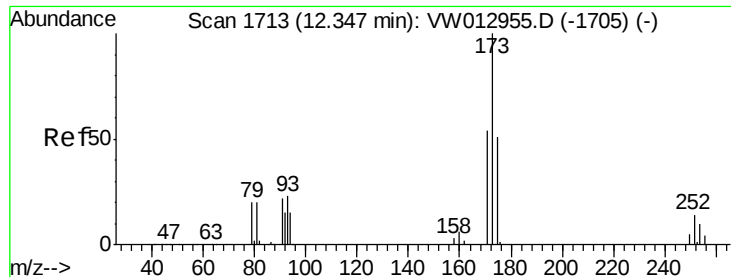
Tgt Ion:106 Resp: 99256
Ion Ratio Lower Upper
106 100
91 211.7 109.7 329.0



#70
Styrene
Concen: 20.675 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion:104 Resp: 176007
Ion Ratio Lower Upper
104 100
78 48.2 42.1 63.1
103 54.9 44.2 66.4





#71

Bromoform

Concen: 19.368 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

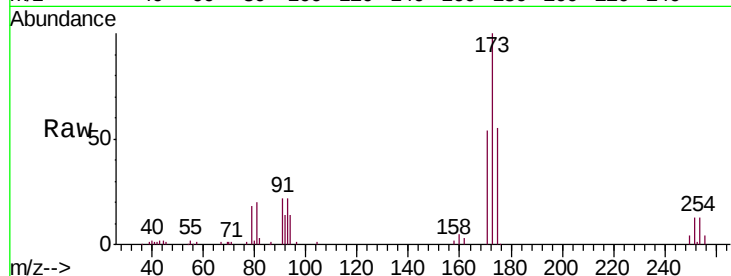
Tgt Ion:173 Resp: 29496

Ion Ratio Lower Upper

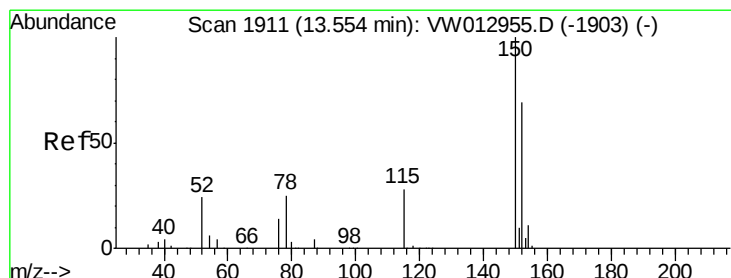
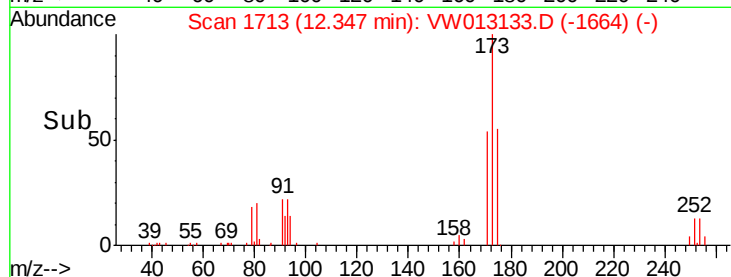
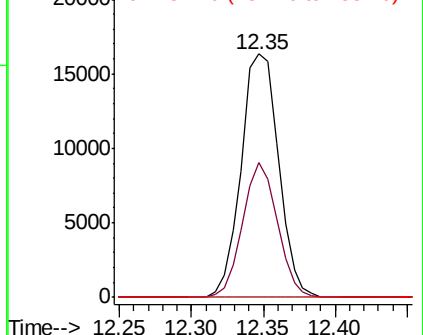
173 100

175 51.1 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

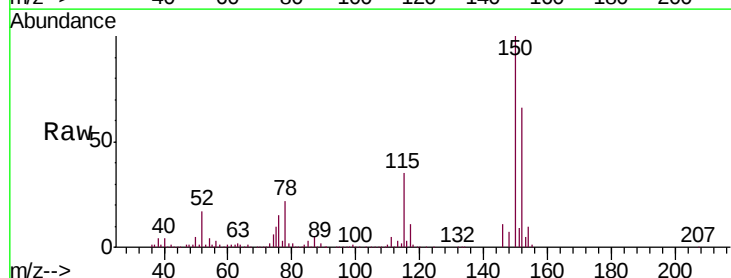
Tgt Ion:152 Resp: 216360

Ion Ratio Lower Upper

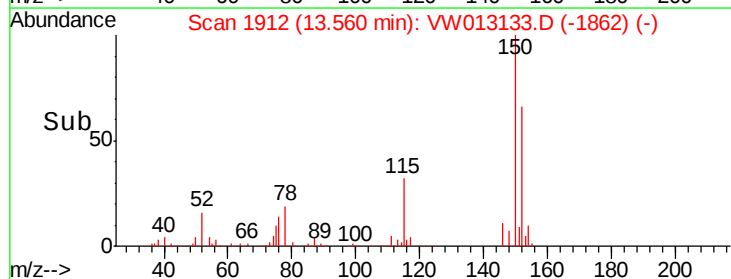
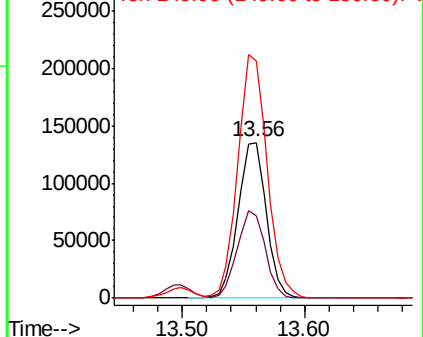
152 100

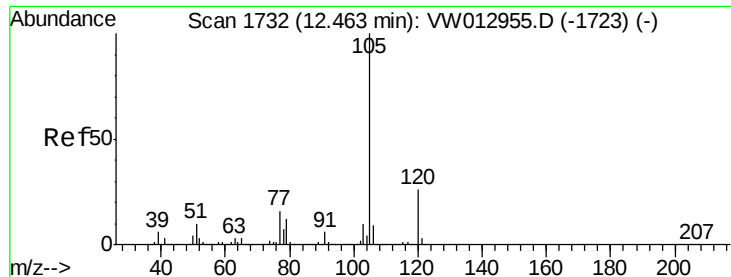
115 56.0 28.8 86.4

150 162.8 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.038 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

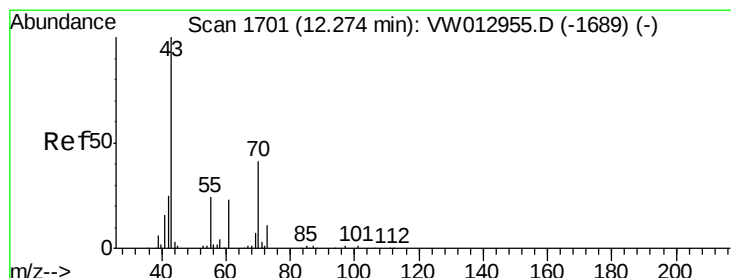
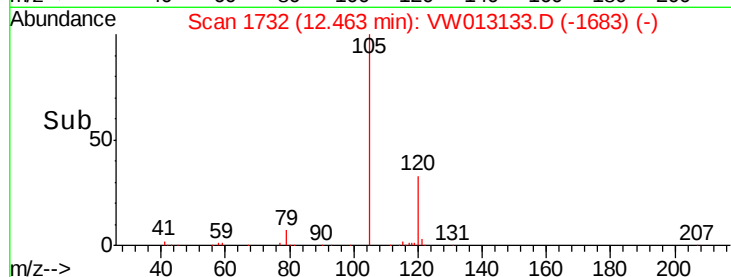
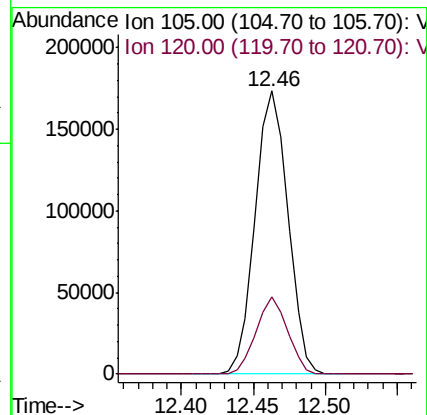
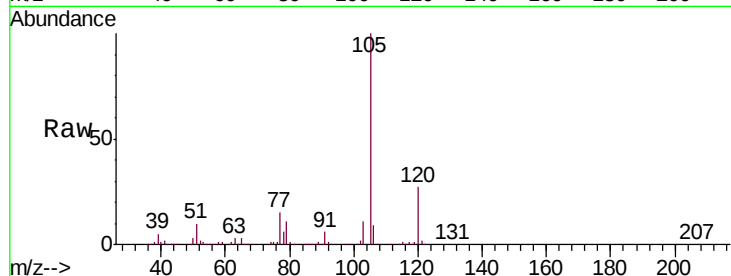
VW0918SBSD02

Tgt Ion: 105 Resp: 273021

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 17.360 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion: 43 Resp: 64044

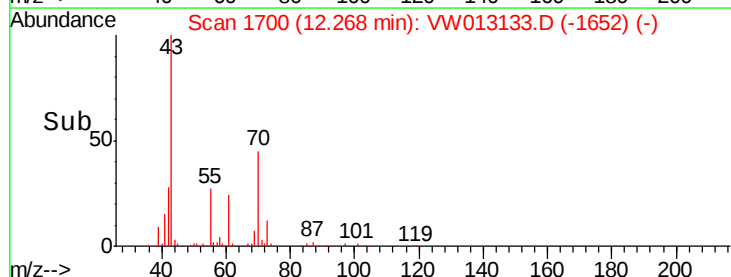
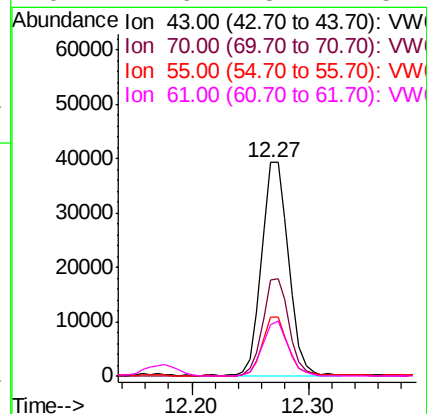
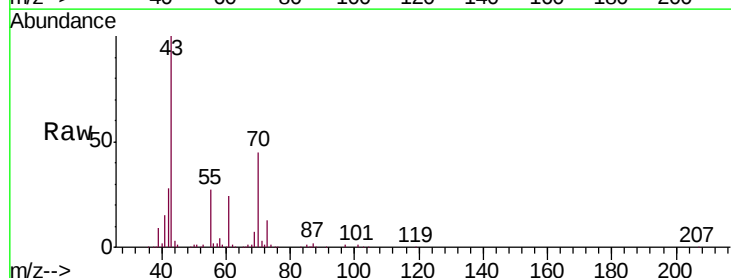
Ion Ratio Lower Upper

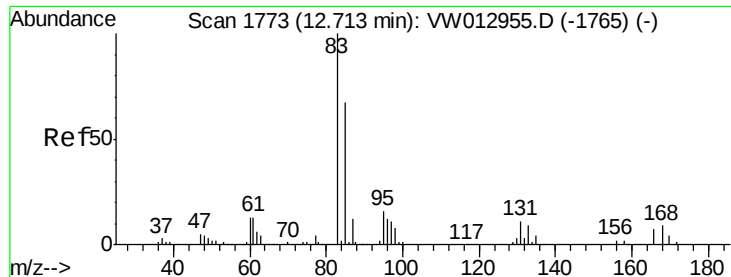
43 100

70 44.0 31.7 47.5

55 25.8 19.4 29.2

61 24.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.315 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

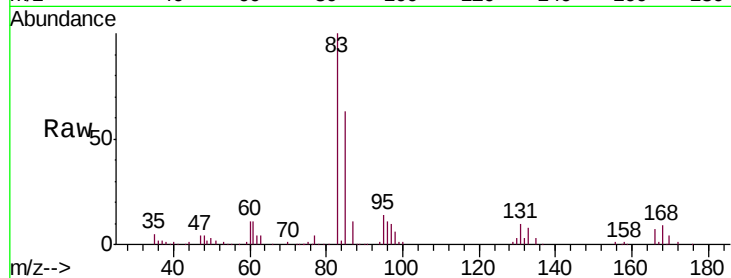
Tgt Ion: 83 Resp: 53689

Ion Ratio Lower Upper

83 100

131 10.5 5.7 17.1

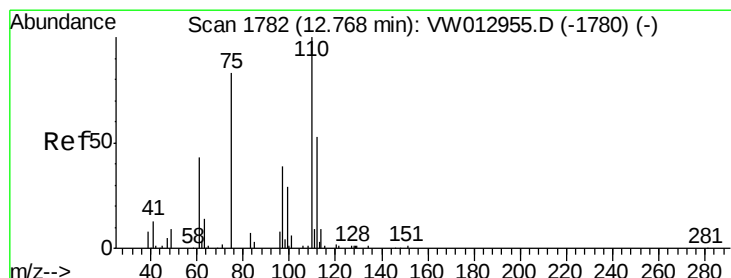
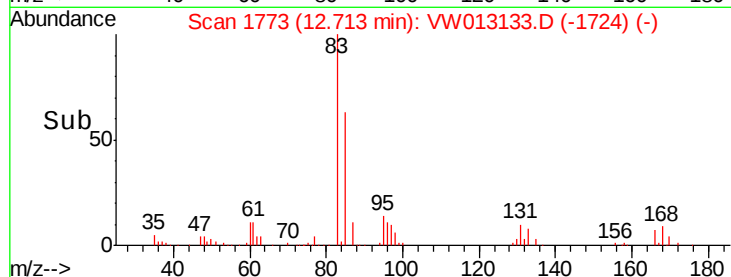
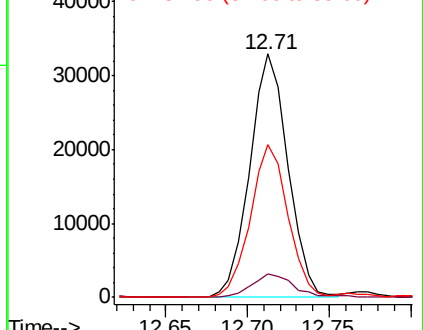
85 61.4 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.947 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013133.D

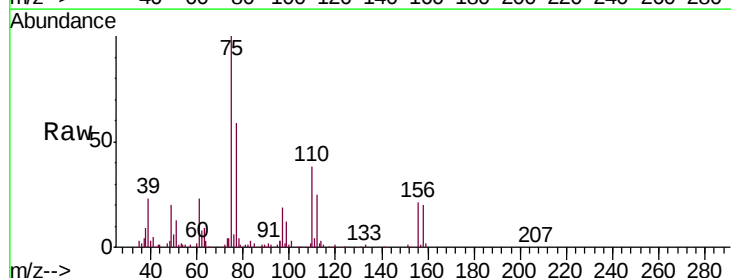
Acq: 19 Sep 2019 01:31

Tgt Ion: 75 Resp: 62439

Ion Ratio Lower Upper

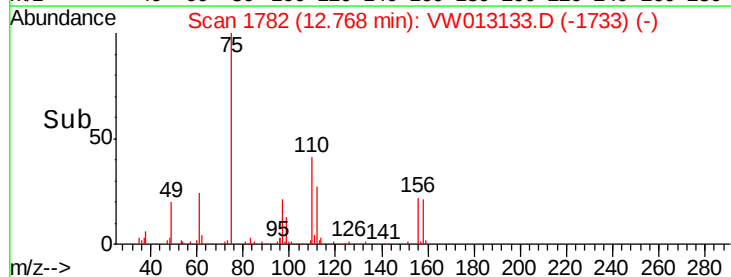
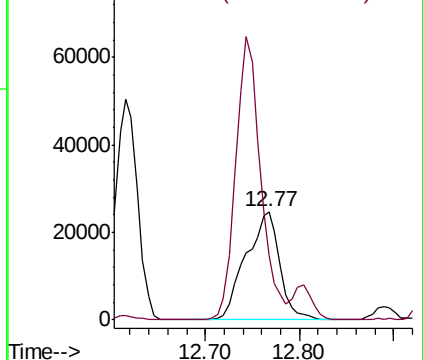
75 100

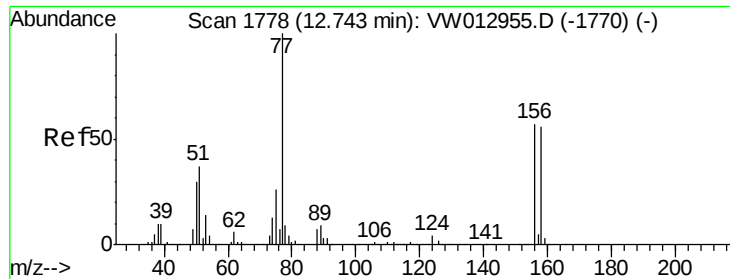
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.330 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

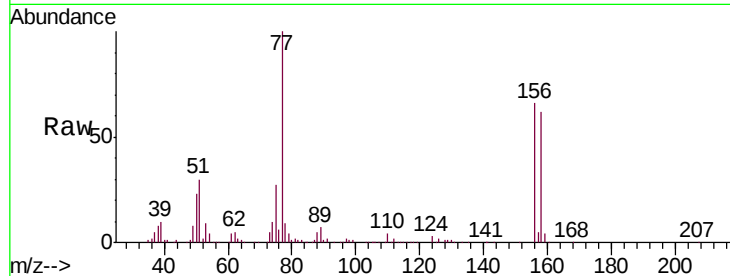
Tgt Ion:156 Resp: 67165

Ion Ratio Lower Upper

156 100

77 178.7 95.2 285.6

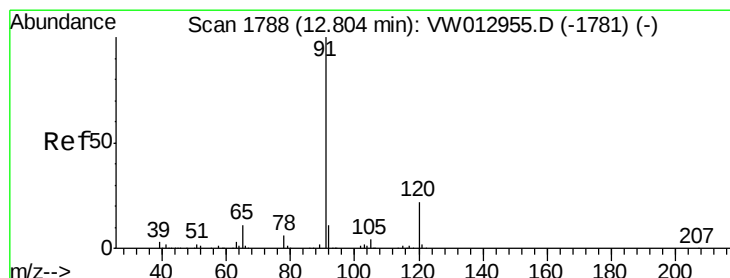
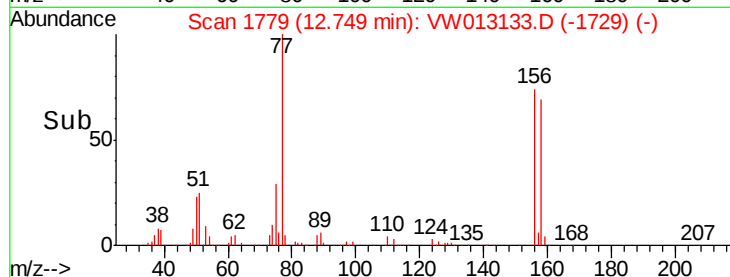
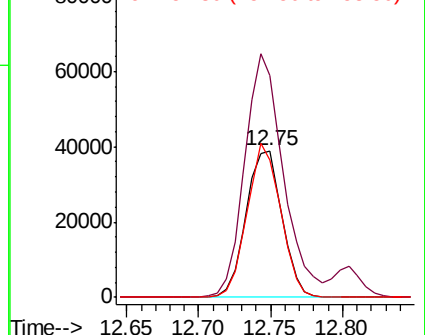
158 97.6 49.0 147.2



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: 18.607 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013133.D

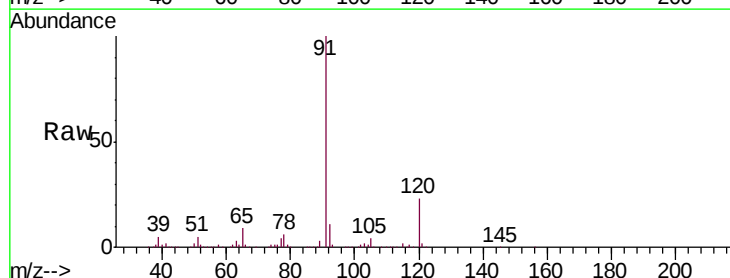
Acq: 19 Sep 2019 01:31

Tgt Ion: 91 Resp: 313881

Ion Ratio Lower Upper

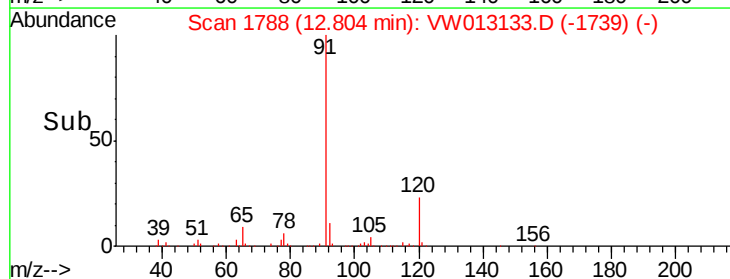
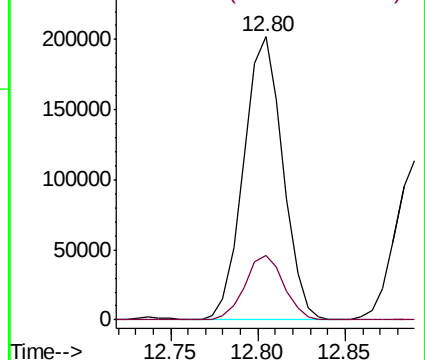
91 100

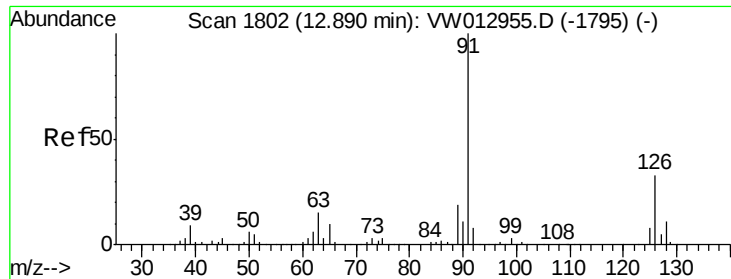
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.959 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

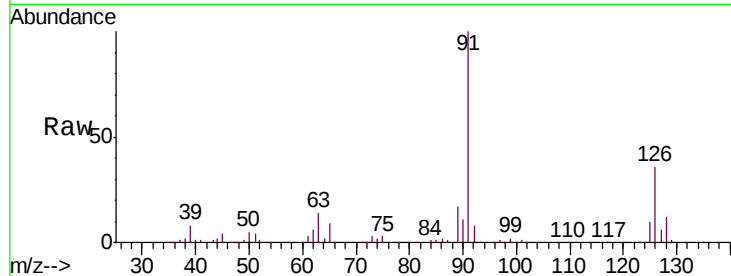
VW0918SBSD02

Tgt Ion: 91 Resp: 183851

Ion Ratio Lower Upper

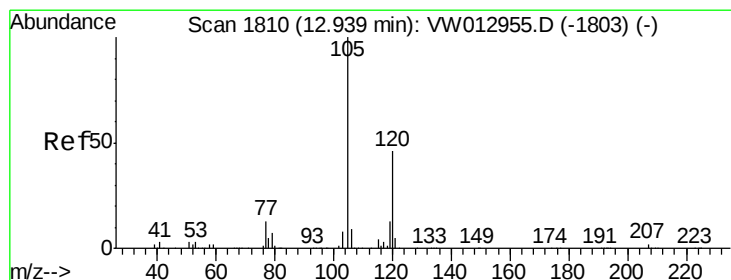
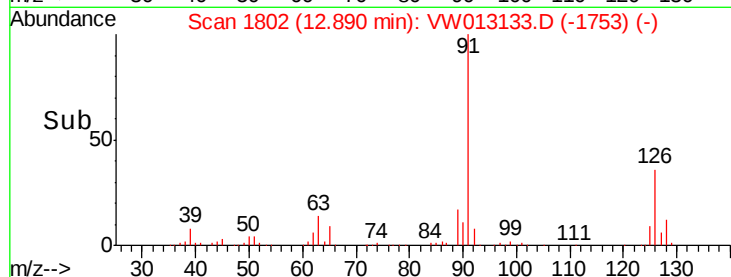
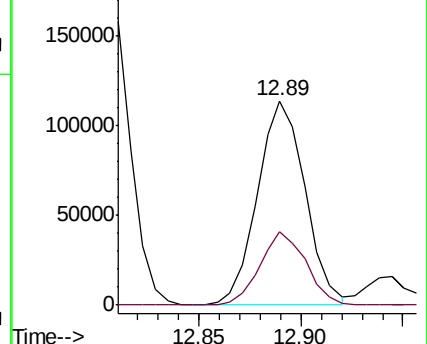
91 100

126 34.9 16.5 49.5



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: 19.072 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013133.D

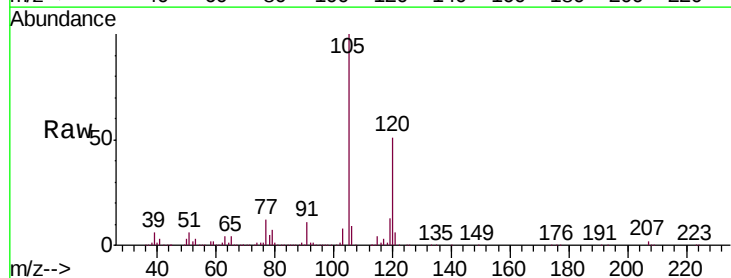
Acq: 19 Sep 2019 01:31

Tgt Ion: 105 Resp: 231390

Ion Ratio Lower Upper

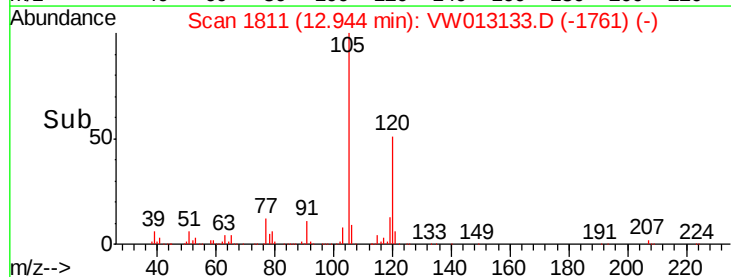
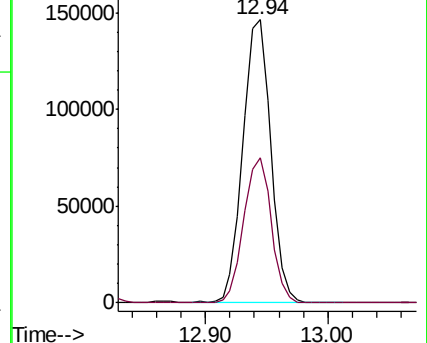
105 100

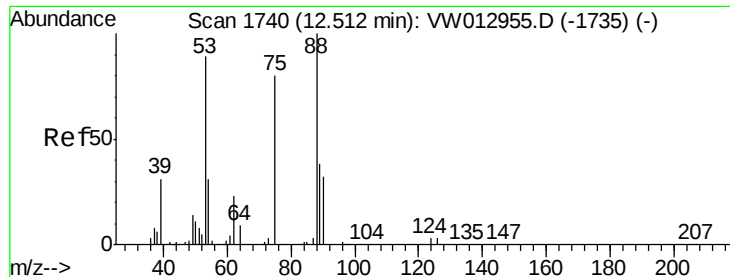
120 50.7 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

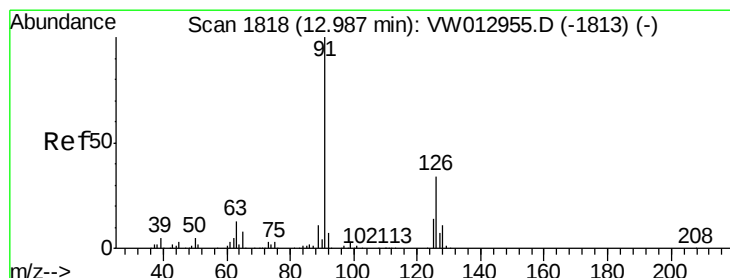
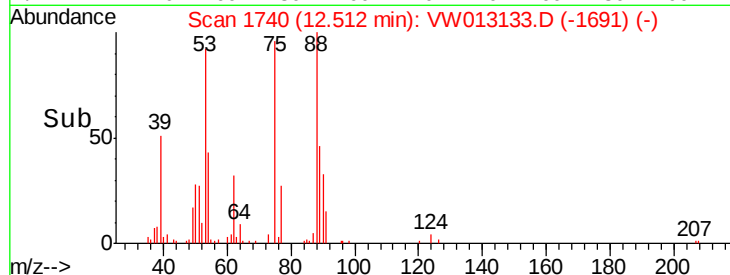
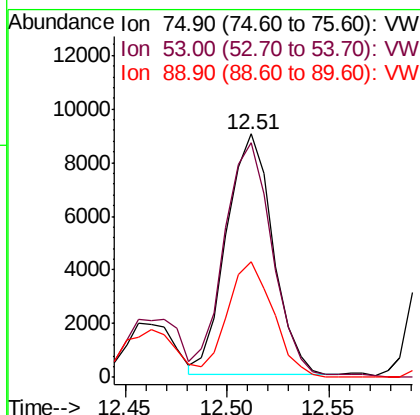
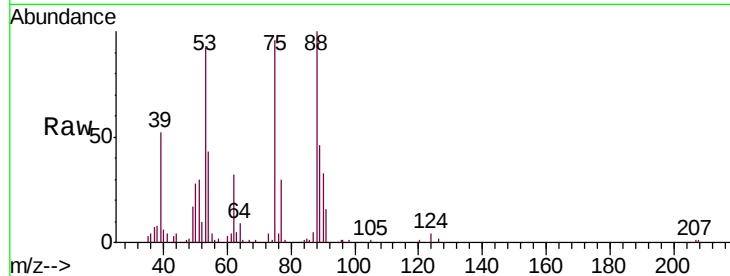




#81
trans-1,4-Dichloro-2-butene
Concen: 16.989 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

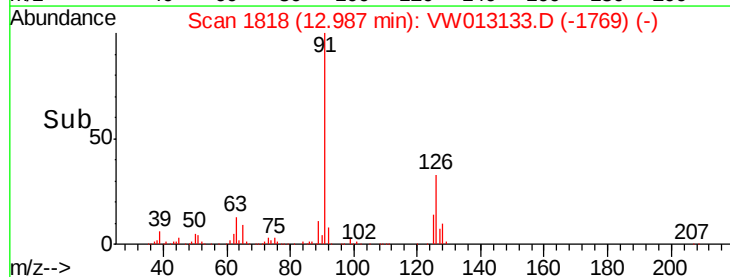
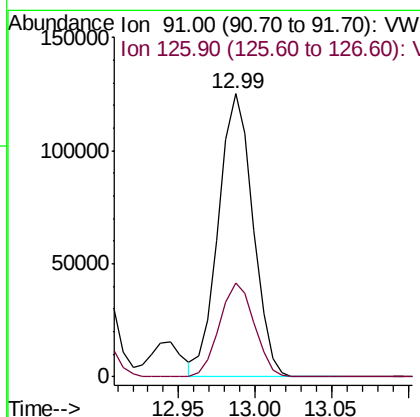
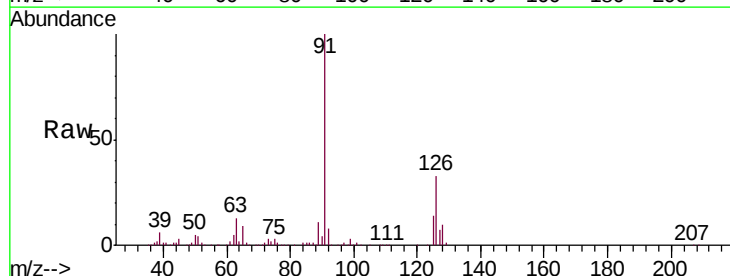
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

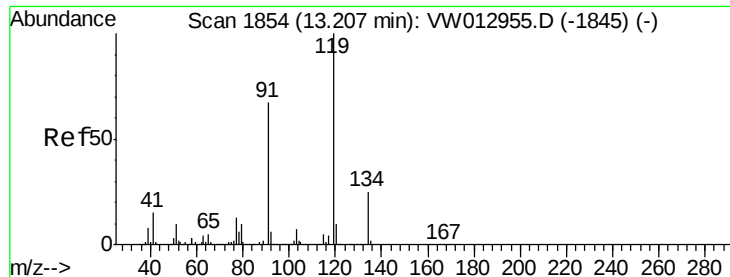
Tgt Ion: 75 Resp: 14193
Ion Ratio Lower Upper
75 100
53 102.6 85.6 128.4
89 47.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.079 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 91 Resp: 195215
Ion Ratio Lower Upper
91 100
126 33.7 16.1 48.3

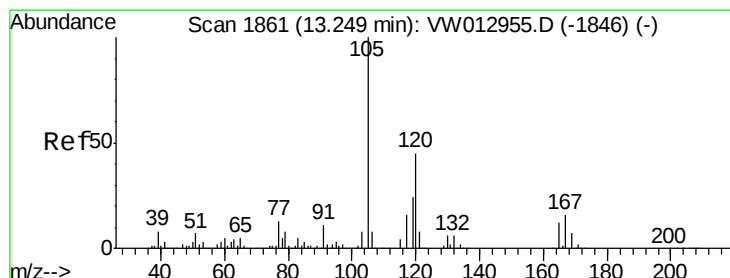
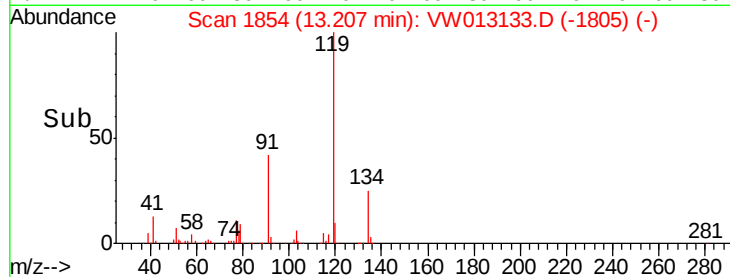
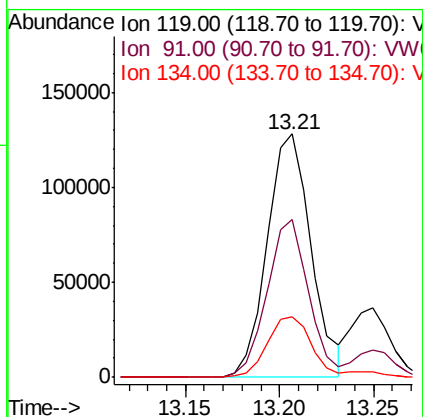
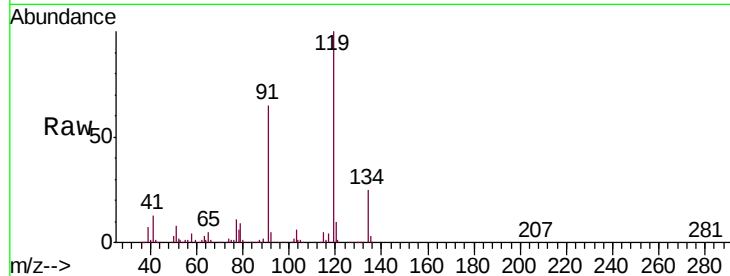




#83
 tert-Butylbenzene
 Concen: 19.090 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

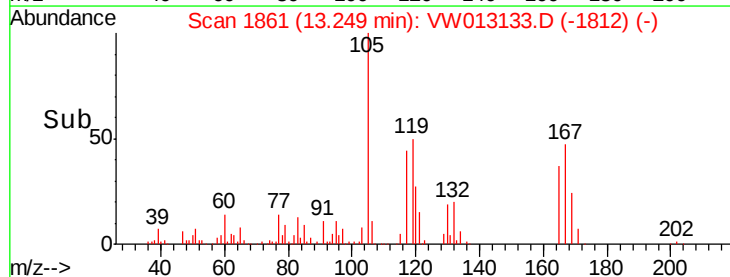
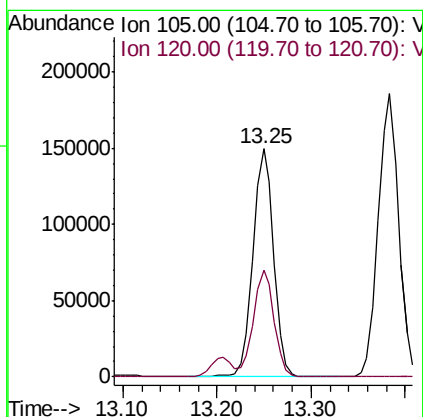
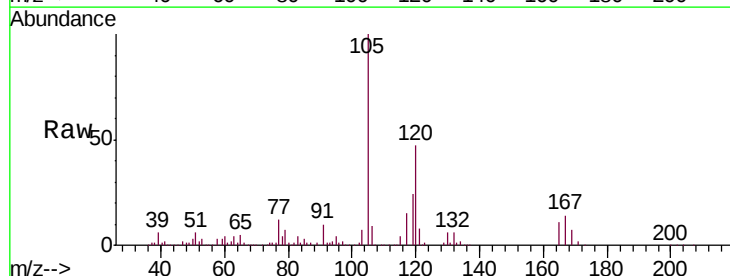
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

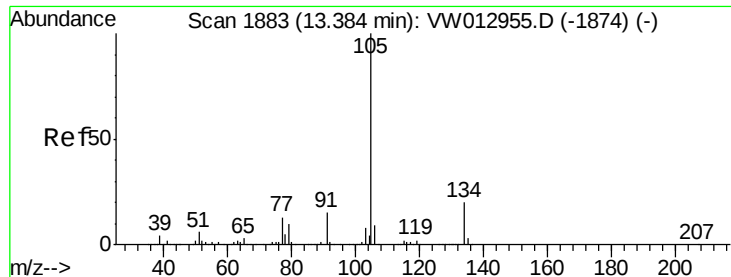
Tgt Ion:119 Resp: 207170
 Ion Ratio Lower Upper
 119 100
 91 61.5 32.6 98.0
 134 26.9 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.363 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion:105 Resp: 232137
 Ion Ratio Lower Upper
 105 100
 120 46.9 21.9 65.7

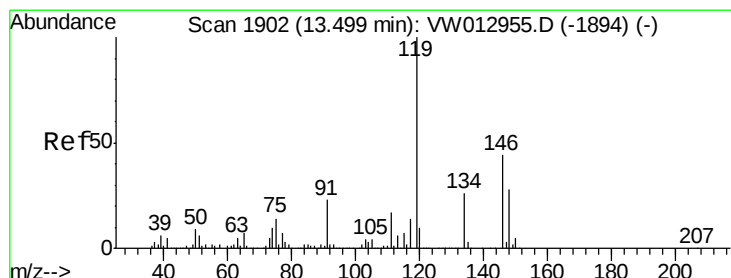
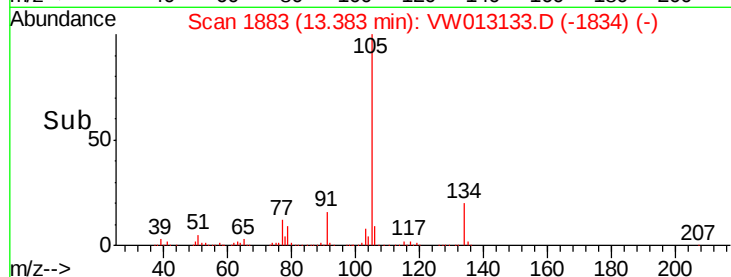
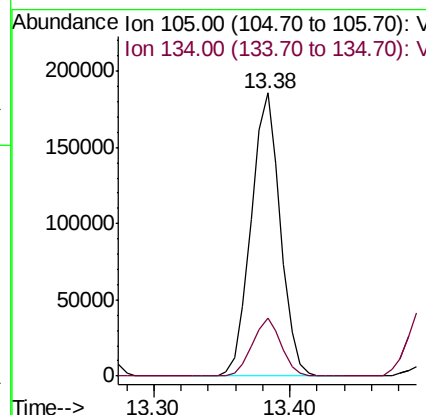
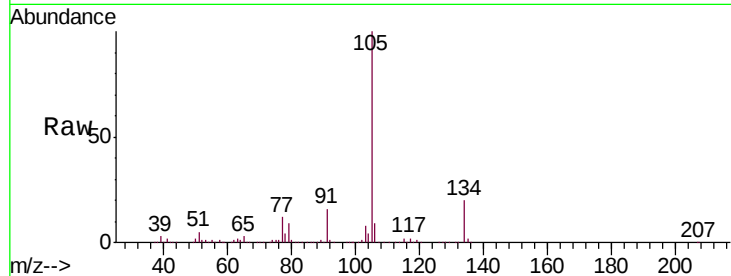




#85
 sec-Butylbenzene
 Concen: 18.876 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

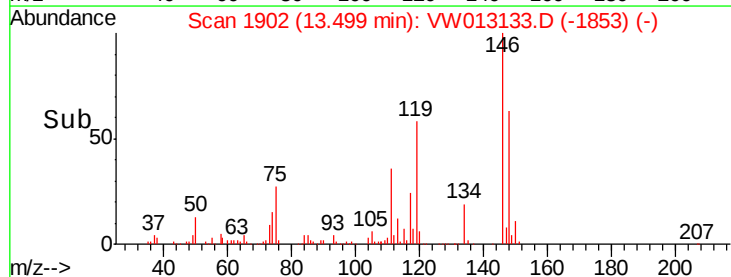
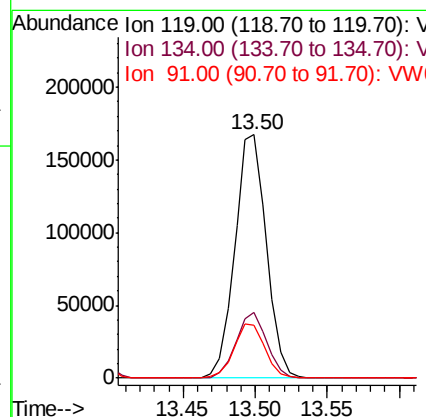
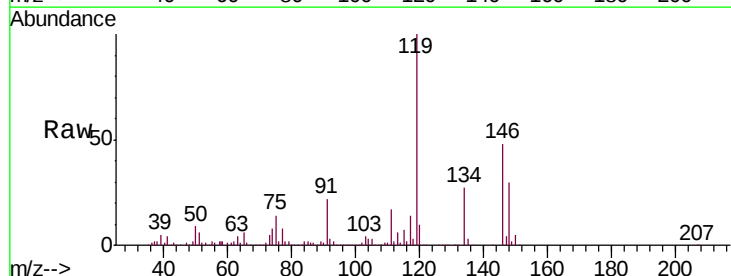
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

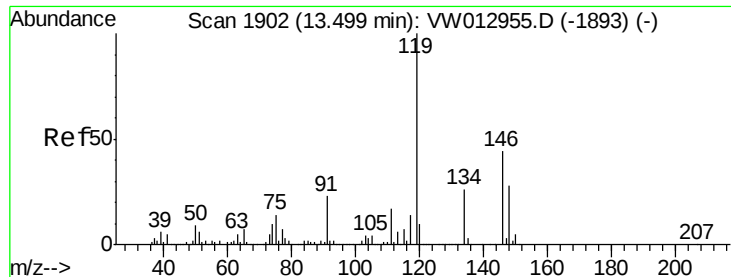
Tgt Ion:105 Resp: 279090
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 18.741 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion:119 Resp: 254401
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 22.0 11.8 35.4

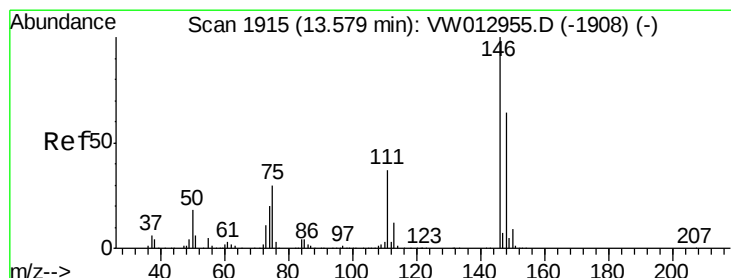
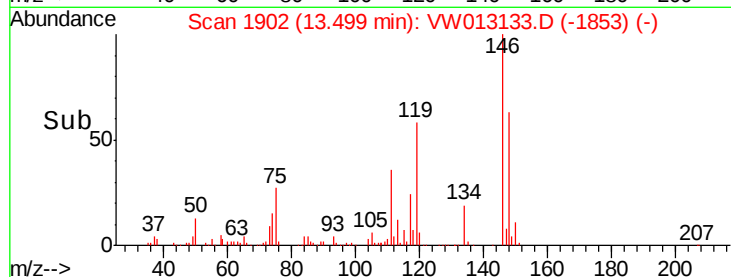
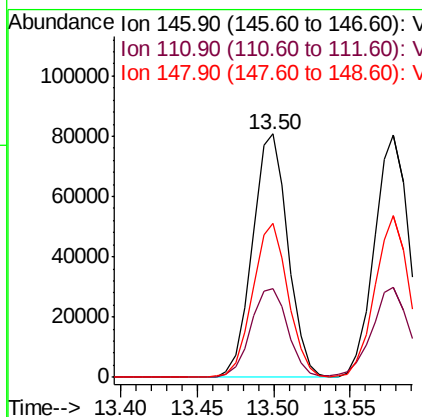
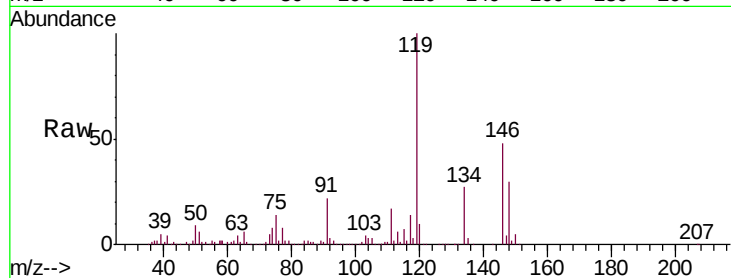




#87
 1,3-Dichlorobenzene
 Concen: 19.952 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

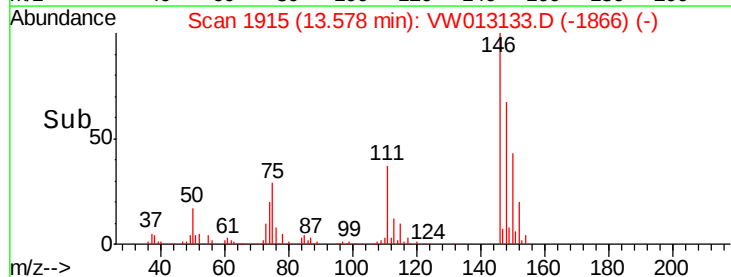
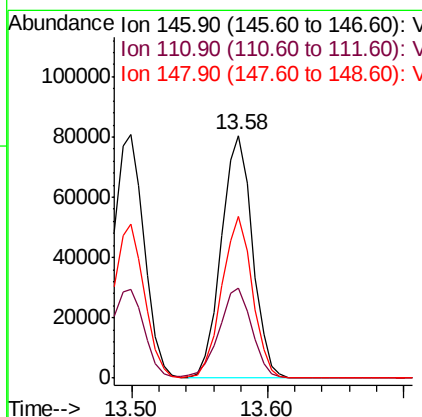
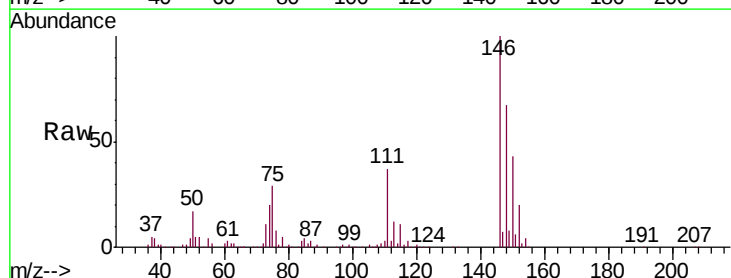
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

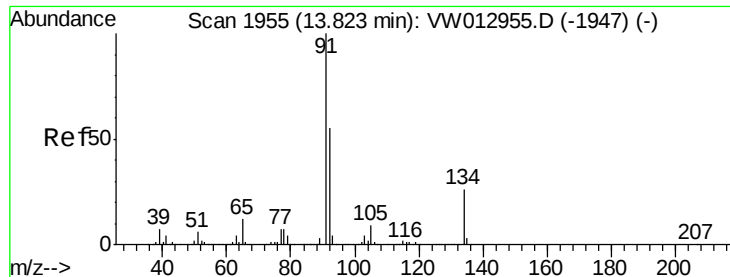
Tgt Ion:146 Resp: 130490
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.8 59.4
 148 63.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.894 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion:146 Resp: 127859
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.4 58.2
 148 65.4 31.9 95.5





#89

n-Butylbenzene

Concen: 18.009 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

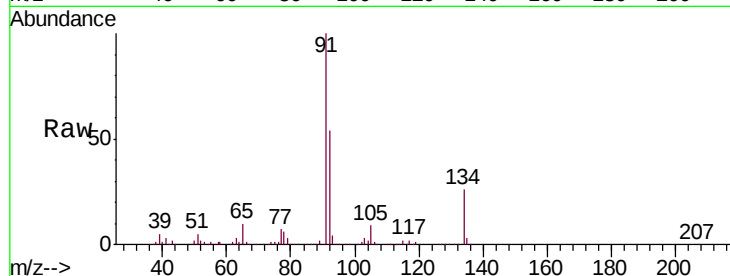
Tgt Ion: 91 Resp: 230545

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.5

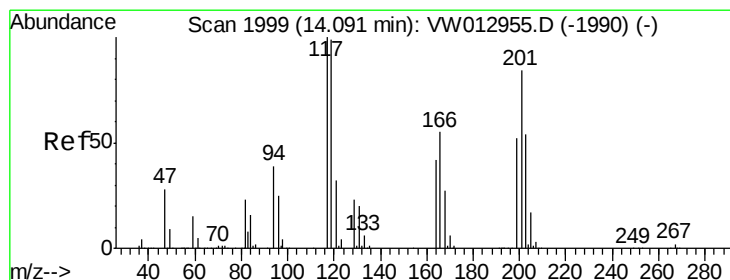
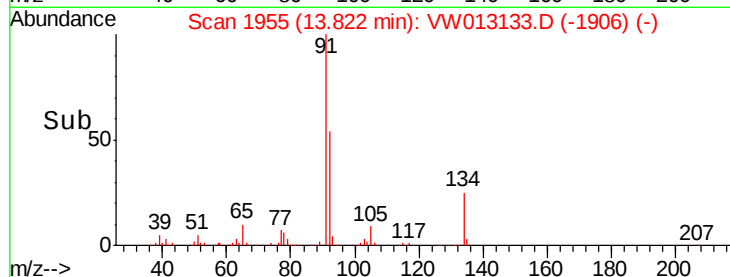
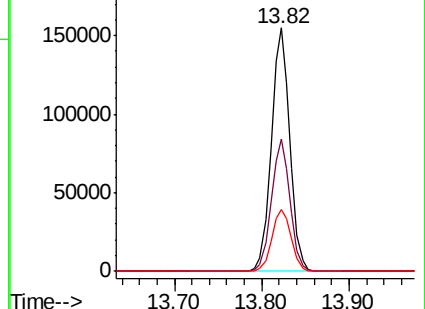
134 26.7 13.1 39.1



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: 17.893 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013133.D

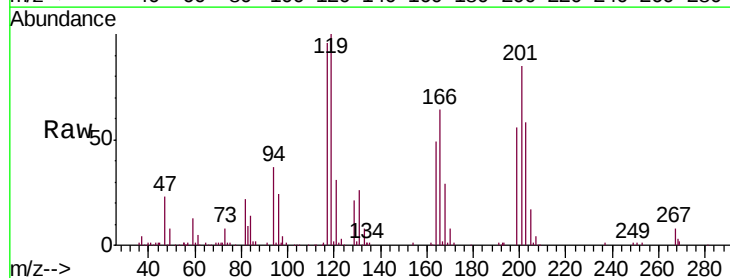
Acq: 19 Sep 2019 01:31

Tgt Ion: 117 Resp: 43528

Ion Ratio Lower Upper

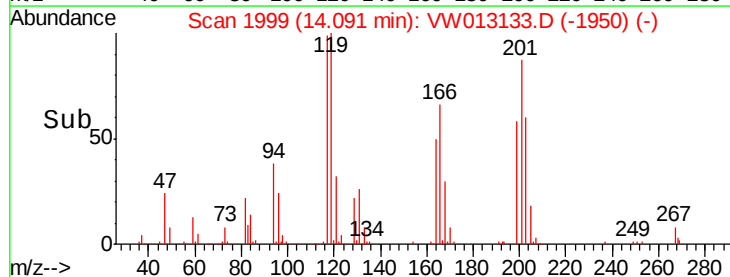
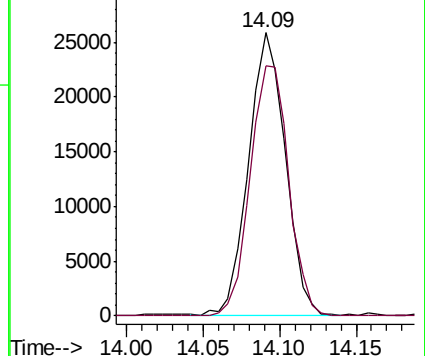
117 100

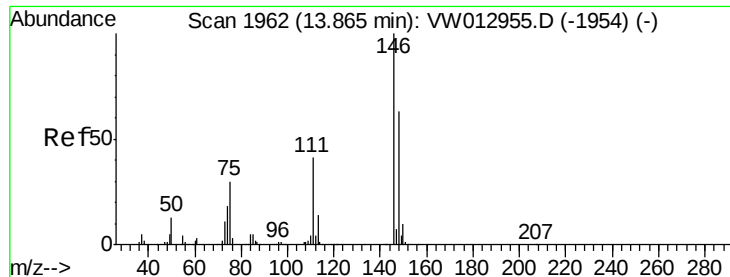
201 91.8 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

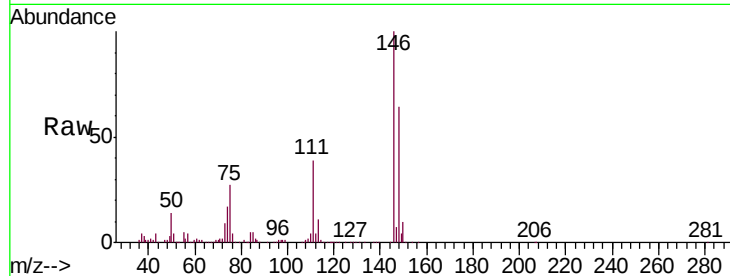




#91
 1,2-Dichlorobenzene
 Concen: 20.855 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.8	62.5
148	62.7	32.7	98.1

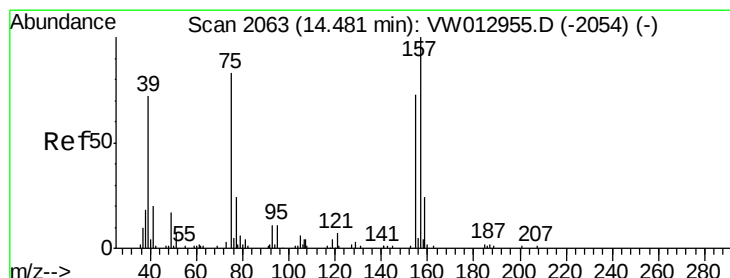
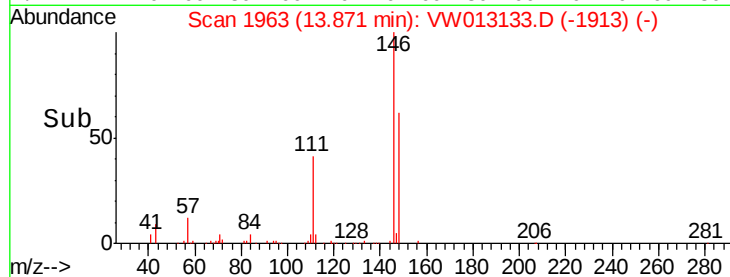
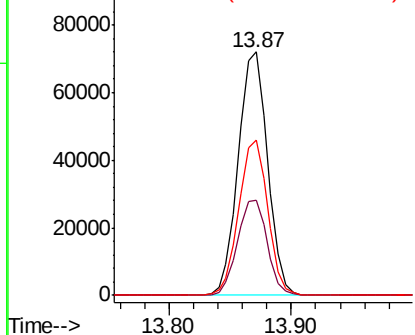


Abundance

Ion 145.90 (145.60 to 146.60): V

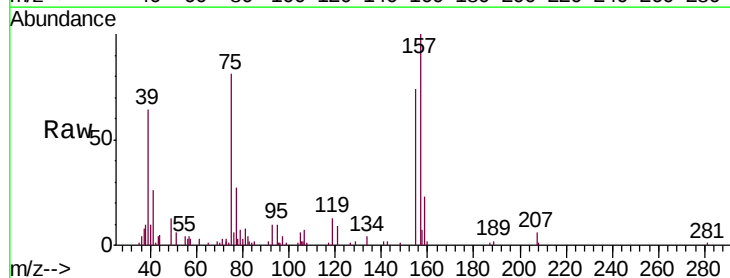
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.183 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	43.3	129.9
157	121.6	54.7	164.1

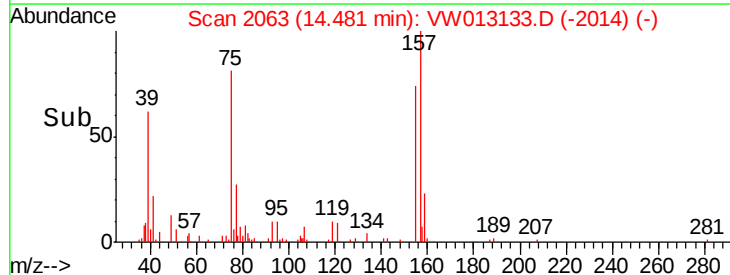
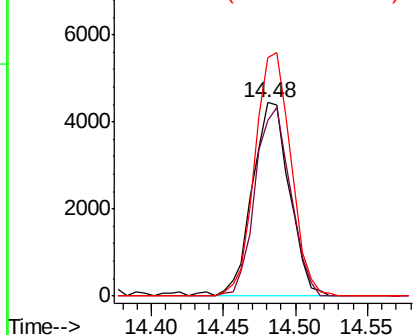


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

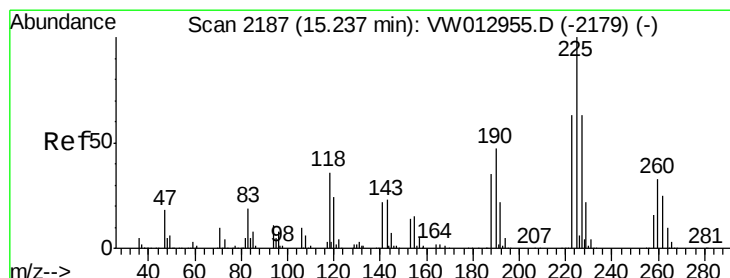
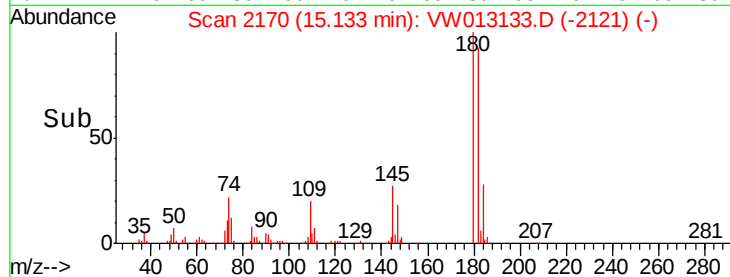
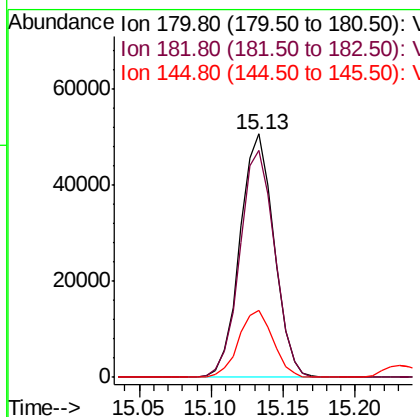
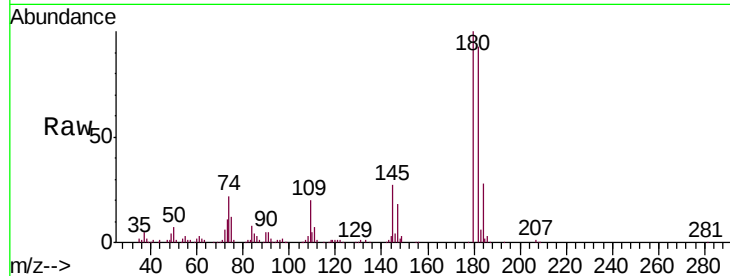




#93
 1,2,4-Trichlorobenzene
 Concen: 20.273 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

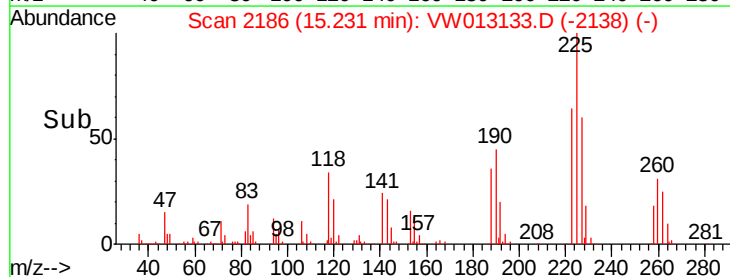
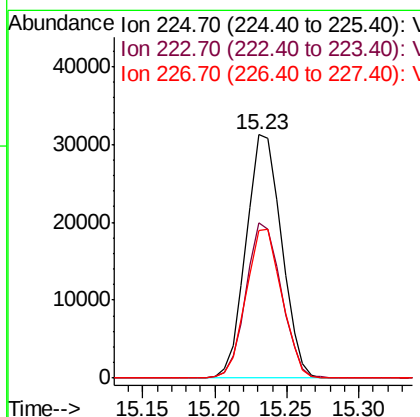
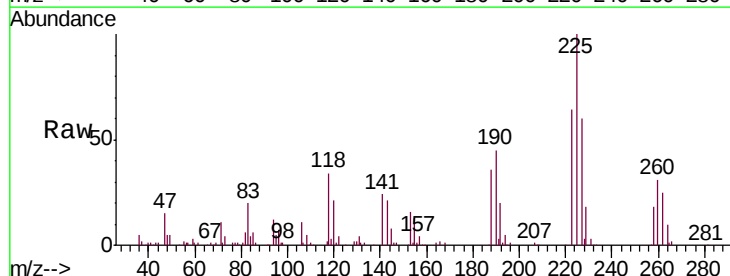
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

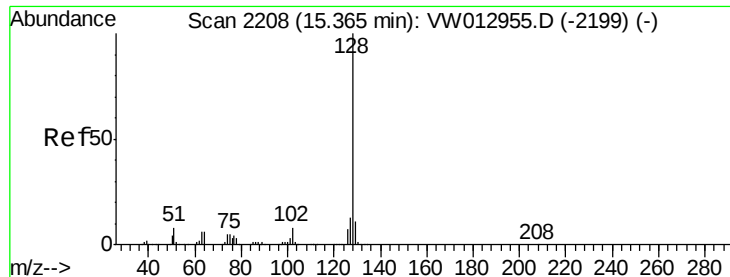
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	27.9	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 18.380 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.8	95.3
227	61.6	31.3	93.8

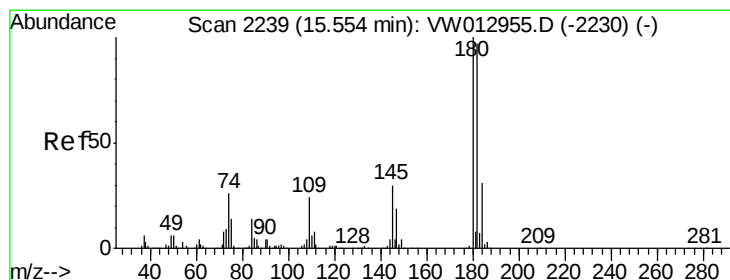
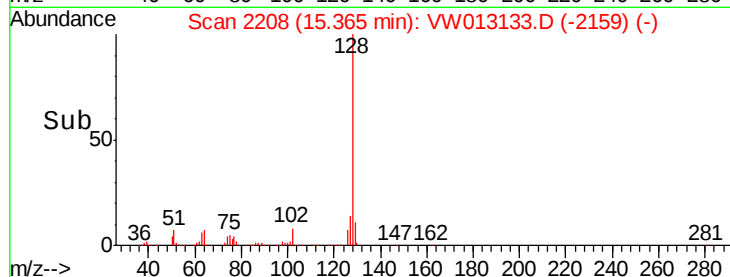
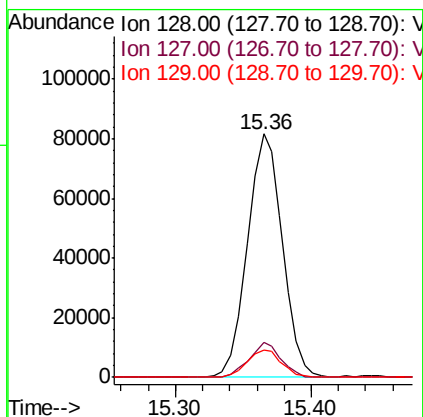
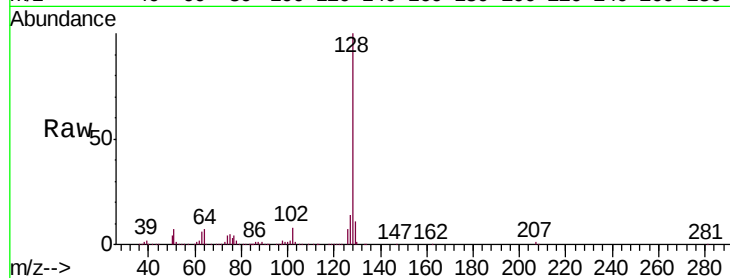




#95
Naphthalene
Concen: 21.381 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tgt Ion:128 Resp: 146534
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.6
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.460 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion:180 Resp: 74186
Ion Ratio Lower Upper
180 100
182 97.0 47.6 142.8
145 30.6 15.4 46.2

