

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013459.D
 Acq On : 07 Oct 2019 13:26
 Operator : SY/VA
 Sample : VW1007SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Quant Time: Oct 07 16:50:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	198016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	114483	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
35) Dibromofluoromethane	7.88	113	111108	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
50) Toluene-d8	10.32	98	459372	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	356868	124.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	248.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	22928	21.455	ug/l	98
3) Chloromethane	2.21	50	38778	21.989	ug/l	94
4) Vinyl Chloride	2.35	62	50008	19.981	ug/l	98
5) Bromomethane	2.73	94	29325	19.071	ug/l	100
6) Chloroethane	2.91	64	27459	19.000	ug/l	96
7) Trichlorofluoromethane	3.24	101	19837	18.269	ug/l	99
8) Diethyl Ether	3.67	74	26004	20.691	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	47664	19.800	ug/l	99
10) Methyl Iodide	4.27	142	73761	18.973	ug/l	99
11) Tert butyl alcohol	5.17	59	36957	214.999	ug/l	97
12) 1,1-Dichloroethene	4.03	96	51340	20.185	ug/l	96
13) Acrolein	3.88	56	23233	117.248	ug/l	97
14) Allyl chloride	4.66	41	73407	19.510	ug/l	98
15) Acrylonitrile	5.35	53	71832	126.436	ug/l	96
16) Acetone	4.12	43	66397	104.999	ug/l	97
17) Carbon Disulfide	4.38	76	139430	19.650	ug/l	99
18) Methyl Acetate	4.67	43	42265	28.556	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	82535	22.048	ug/l	97
20) Methylene Chloride	4.92	84	56792	20.455	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	52351	19.328	ug/l	99
22) Diisopropyl ether	6.31	45	146554	20.169	ug/l	97
23) Vinyl Acetate	6.25	43	481859	110.517	ug/l	98
24) 1,1-Dichloroethane	6.21	63	86324	19.505	ug/l	97
25) 2-Butanone	7.16	43	100207	123.842	ug/l	98
26) 2,2-Dichloropropane	7.16	77	56115	20.950	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	56822	20.042	ug/l	97
28) Bromochloromethane	7.51	49	29492	18.430	ug/l	# 95
29) Tetrahydrofuran	7.53	42	65174	142.805	ug/l	98
30) Chloroform	7.67	83	86190	19.861	ug/l	97
31) Cyclohexane	7.95	56	93143	19.734	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	69434	20.423	ug/l	98
36) 1,1-Dichloropropene	8.08	75	72413	19.755	ug/l	98
37) Ethyl Acetate	7.25	43	40937	25.378	ug/l	98
38) Carbon Tetrachloride	8.06	117	62893	19.807	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97247	20.144	ug/l	97
40) Benzene	8.32	78	204803	19.737	ug/l	98
41) Methacrylonitrile	7.48	41	22226	22.786	ug/l	92
42) 1,2-Dichloroethane	8.40	62	54608	20.476	ug/l	95
43) Isopropyl Acetate	8.42	43	73168	24.030	ug/l	96
44) Trichloroethene	9.09	130	58398	19.985	ug/l	98
45) 1,2-Dichloropropane	9.37	63	48663	19.532	ug/l	99
46) Dibromomethane	9.46	93	28324	22.825	ug/l	97
47) Bromodichloromethane	9.65	83	62170	20.351	ug/l	97
48) Methyl methacrylate	9.43	41	35359	24.169	ug/l	95
49) 1,4-Dioxane	9.45	88	13252	685.939	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	209795	131.143	ug/l	98
52) Toluene	10.38	92	132896	19.856	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	66565	20.949	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	79685	20.684	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41624	22.485	ug/l	97
56) Ethyl methacrylate	10.65	69	58140	23.334	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70057	21.769	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.92	63	139222	136.021	ug/l	98
59) 2-Hexanone	10.97	43	148072	133.540	ug/l	98
60) Dibromochloromethane	11.13	129	56075	26.478	ug/l	81
61) 1,2-Dibromoethane	11.23	107	38425	21.481	ug/l #	76
64) Tetrachloroethene	10.86	164	49236	18.981	ug/l	97
65) Chlorobenzene	11.66	112	135758	19.436	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	48318	20.310	ug/l	96
67) Ethyl Benzene	11.73	91	249520	19.932	ug/l	96
68) m/p-Xylenes	11.83	106	191813	39.695	ug/l	98
69) o-Xylene	12.16	106	88858	19.889	ug/l	99
70) Styrene	12.18	104	157816	20.664	ug/l	99
71) Bromoform	12.35	173	31181	24.174	ug/l #	91
73) Isopropylbenzene	12.46	105	257392	17.770	ug/l	98
74) N-amyl acetate	12.27	43	71621	23.234	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.71	83	78819	32.150	ug/l	71
76) 1,2,3-Trichloropropane	12.77	75	63214	35.919	ug/l #	100
77) Bromobenzene	12.75	156	60754	17.468	ug/l	98
78) n-propylbenzene	12.80	91	287362	17.247	ug/l	98
79) 2-Chlorotoluene	12.89	91	168142	18.169	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	212933	17.697	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16581	22.552	ug/l	95
82) 4-Chlorotoluene	12.99	91	172914	17.837	ug/l	98
83) tert-Butylbenzene	13.21	119	199463	18.979	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	208039	17.393	ug/l	99
85) sec-Butylbenzene	13.38	105	256316	17.689	ug/l	93
86) p-Isopropyltoluene	13.50	119	239878	17.863	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	116137	17.749	ug/l	91
88) 1,4-Dichlorobenzene	13.50	146	116137	17.727	ug/l	90
89) n-Butylbenzene	13.82	91	214356	17.706	ug/l	99
90) Hexachloroethane	14.09	117	38591	17.395	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	105255	18.197	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8776	23.932	ug/l #	53

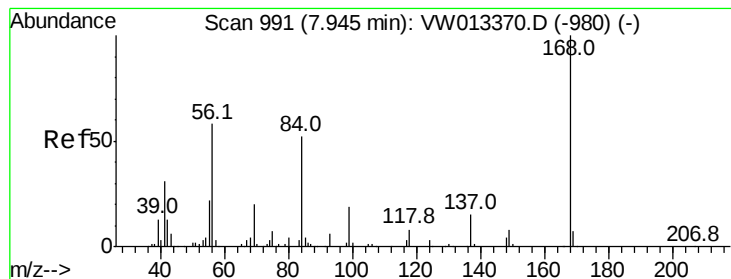
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
Data File : VW013459.D
Acq On : 07 Oct 2019 13:26
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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	79530	19.158	ug/l	98
94) Hexachlorobutadiene	15.24	225	47822	17.734	ug/l	96
95) Naphthalene	15.36	128	160400	22.906	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	68688	18.952	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

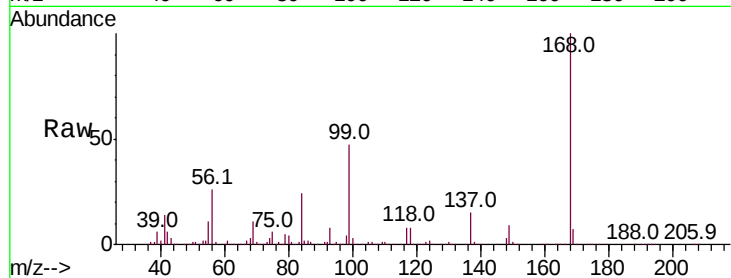
VW1007SBSD01

Tot Ion:168 Resp: 276297

Ion Ratio Lower Upper

168 100

99 47.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

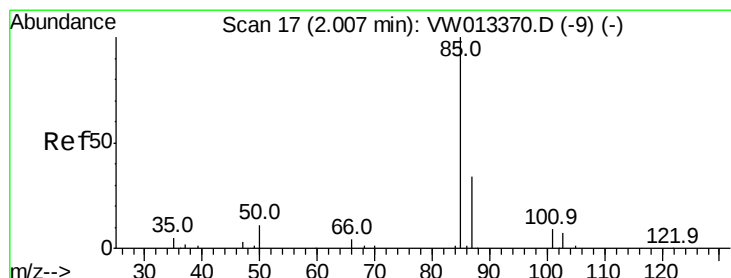
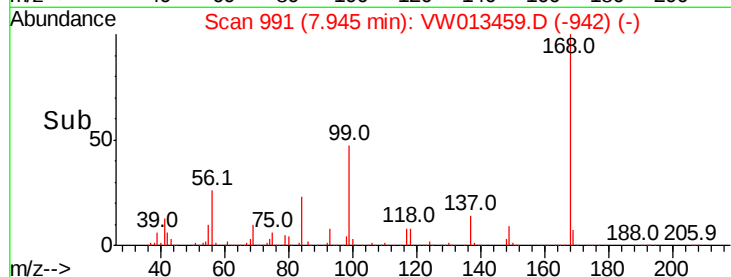
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 21.455 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013459.D

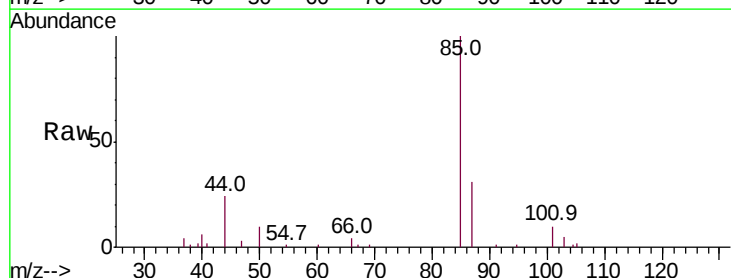
Acq: 07 Oct 2019 13:26

Tgt Ion: 85 Resp: 22928

Ion Ratio Lower Upper

85 100

87 31.5 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

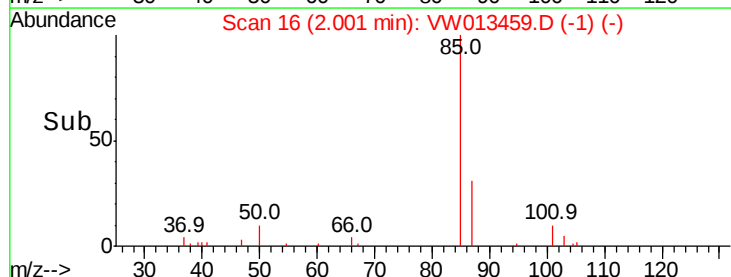
6000

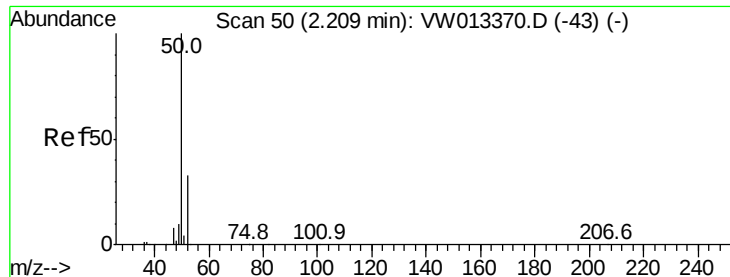
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 21.989 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

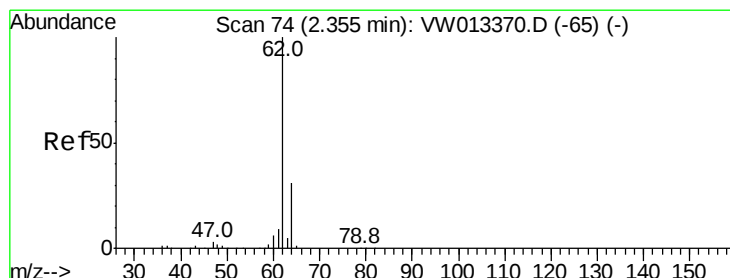
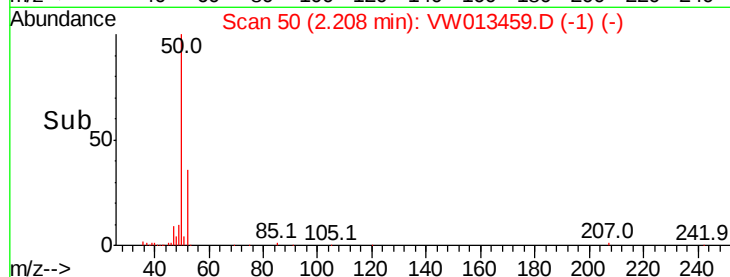
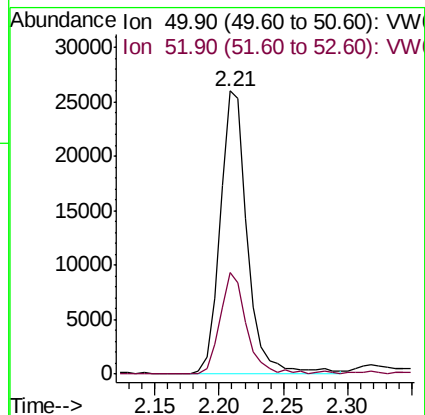
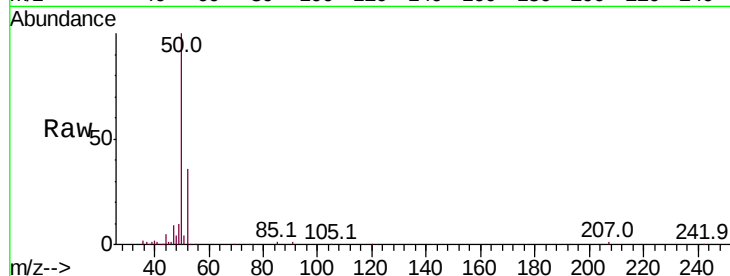
VW1007SBSD01

Tot Ion: 50 Resp: 38778

Ion Ratio Lower Upper

50 100

52 35.9 26.1 39.1



#4

Vinyl Chloride

Concen: 19.981 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013459.D

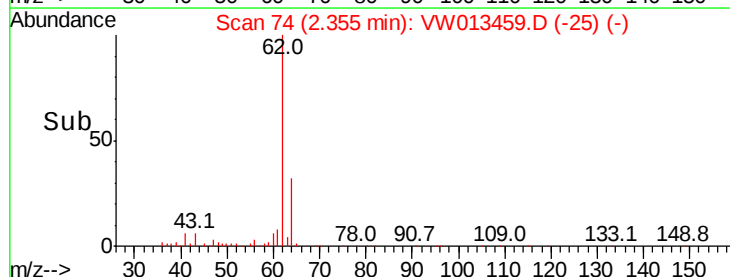
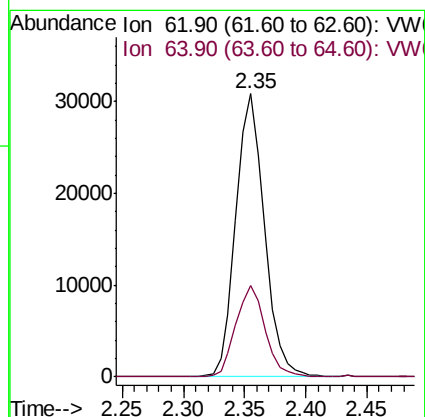
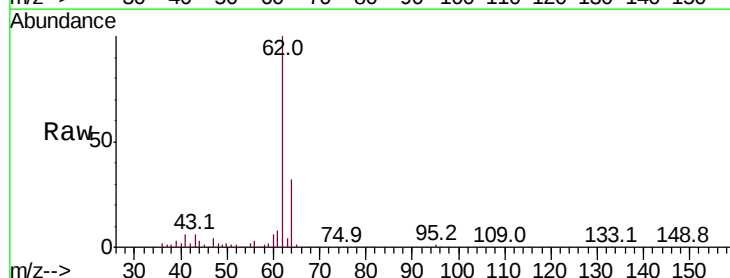
Acq: 07 Oct 2019 13:26

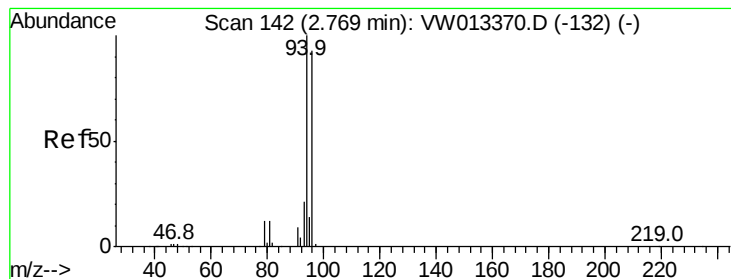
Tgt Ion: 62 Resp: 50008

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 19.071 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

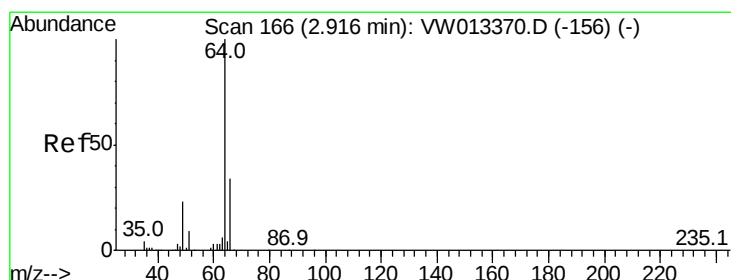
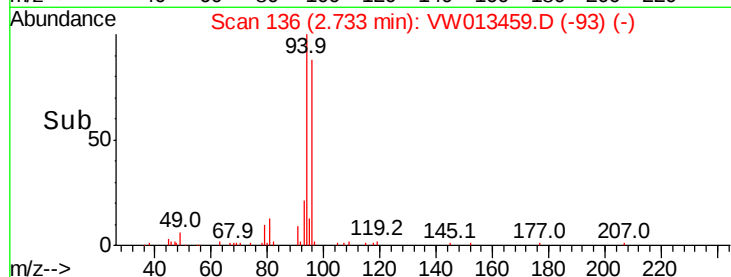
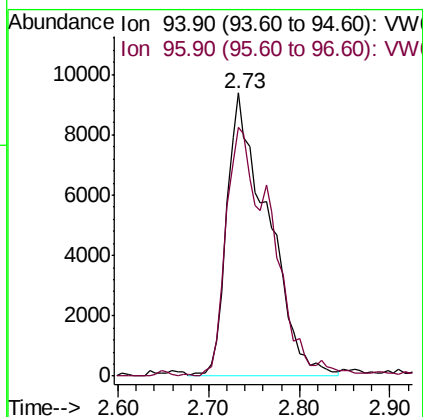
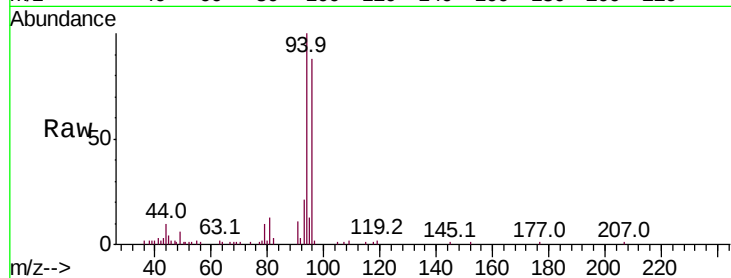
VW1007SBSD01

Tot Ion: 94 Resp: 29325

Ion Ratio Lower Upper

94 100

96 87.5 69.7 104.5



#6

Chloroethane

Concen: 19.000 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013459.D

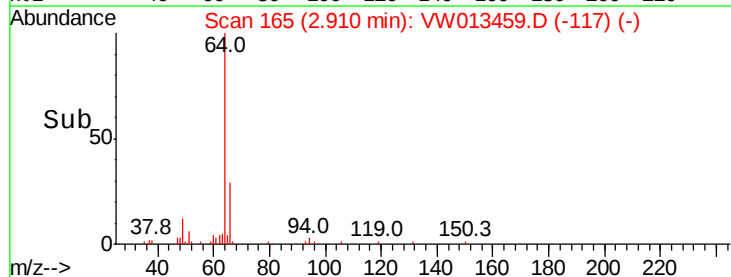
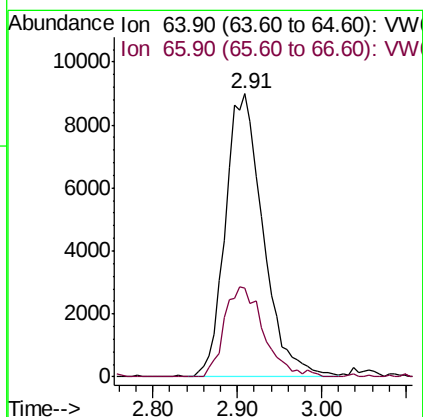
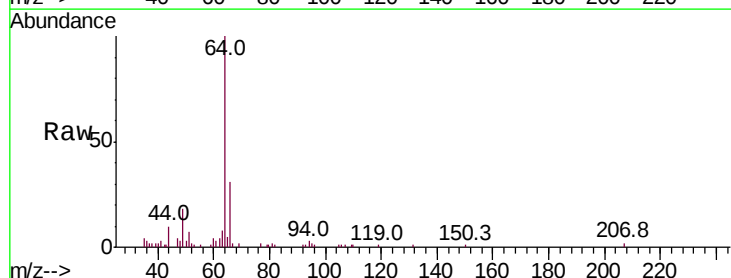
Acq: 07 Oct 2019 13:26

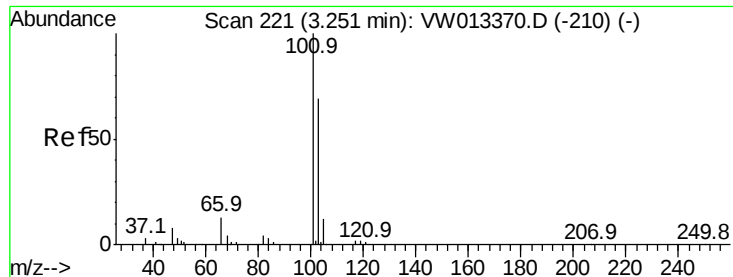
Tgt Ion: 64 Resp: 27459

Ion Ratio Lower Upper

64 100

66 31.2 26.6 39.8



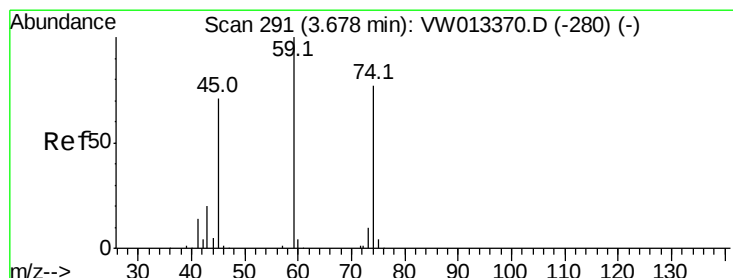
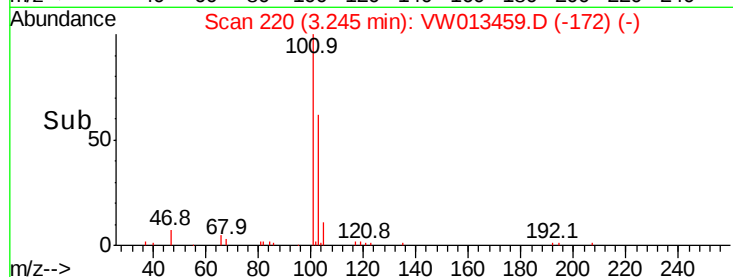
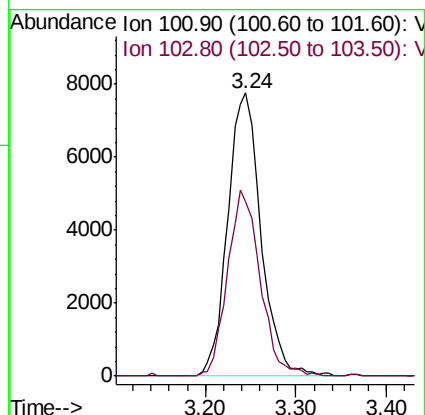
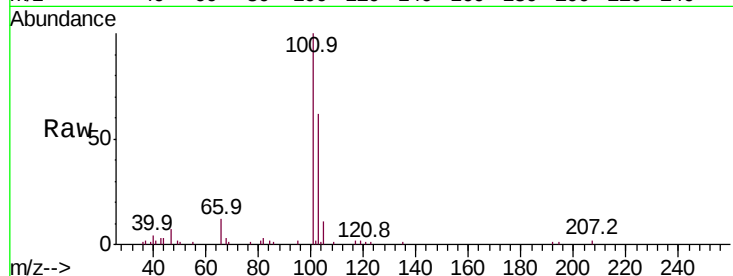


#7

Trichlorofluoromethane
 Concen: 18.269 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

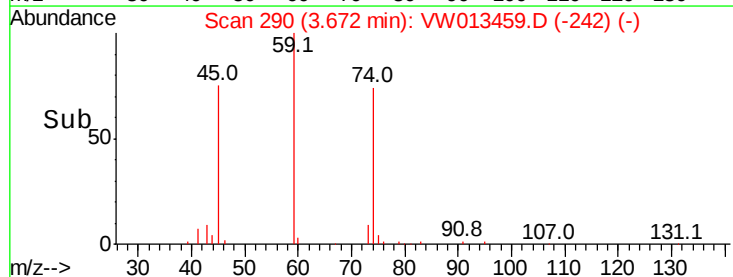
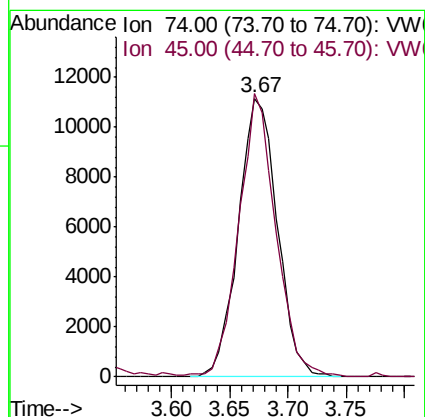
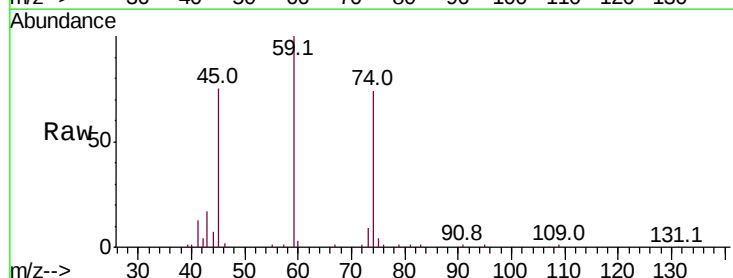
Tot Ion:101 Resp: 19837
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.7 74.5

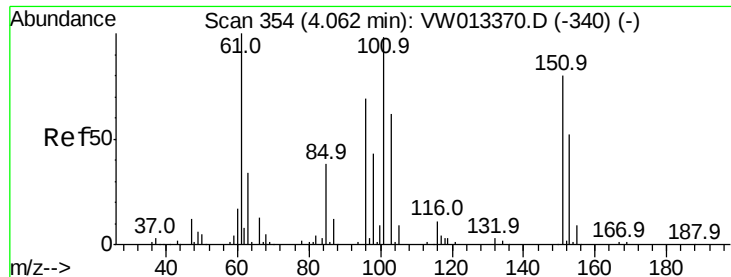


#8

Diethyl Ether
 Concen: 20.691 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Tgt Ion: 74 Resp: 26004
 Ion Ratio Lower Upper
 74 100
 45 97.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.800 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

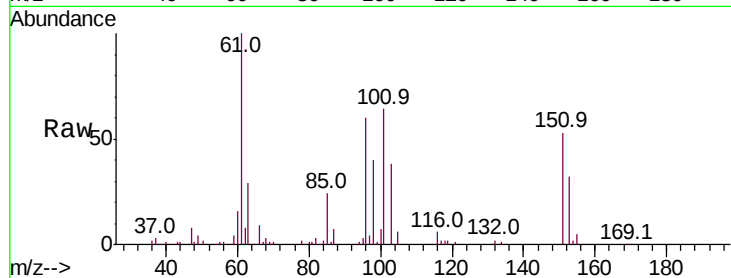
Tot Ion:101 Resp: 47664

Ion Ratio Lower Upper

101 100

85 40.8 33.4 50.0

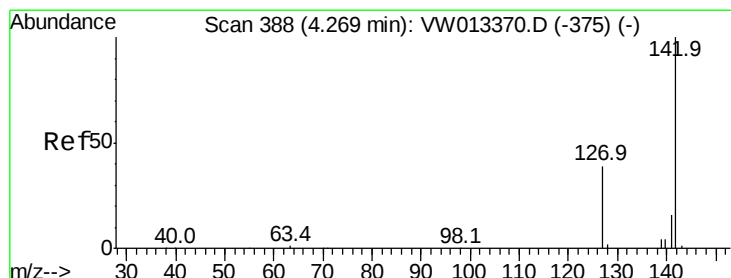
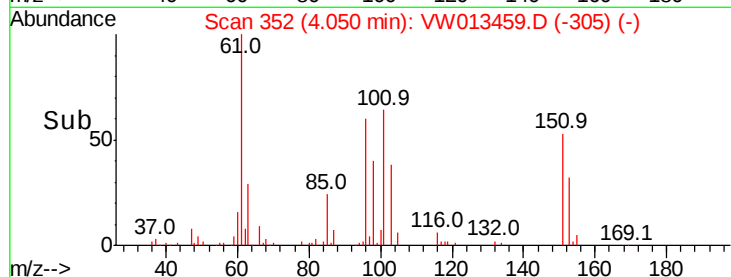
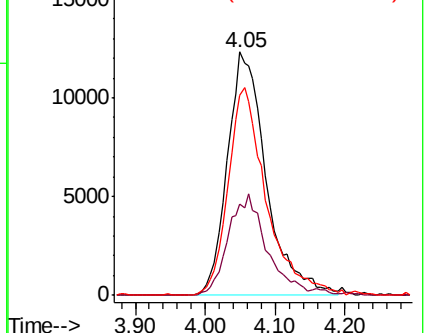
151 84.2 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.973 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

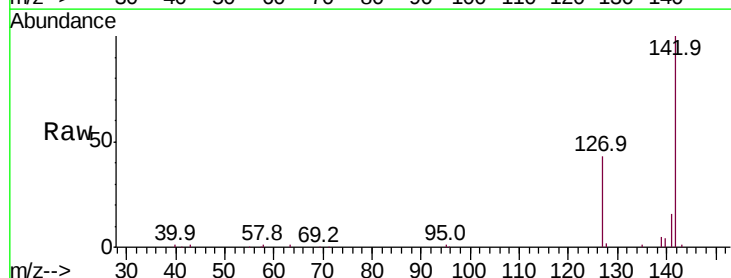
Tgt Ion:142 Resp: 73761

Ion Ratio Lower Upper

142 100

127 38.2 30.9 46.3

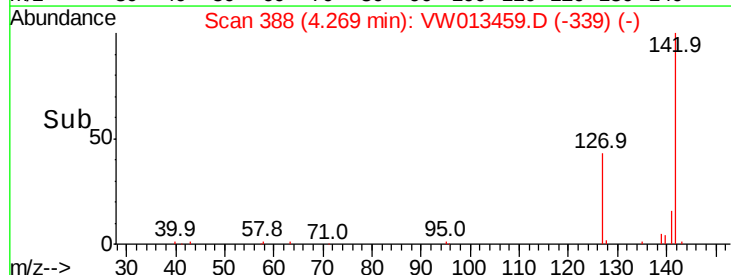
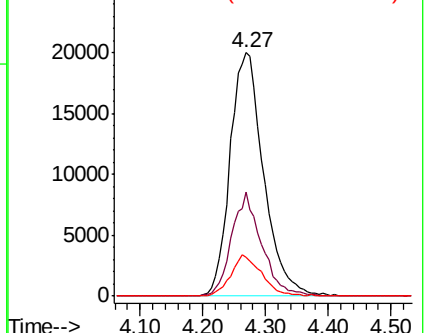
141 15.7 11.7 17.5

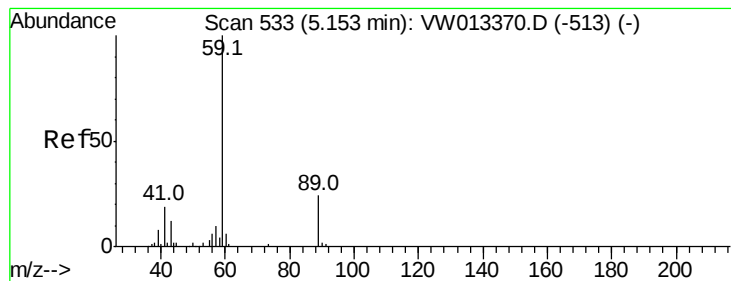


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



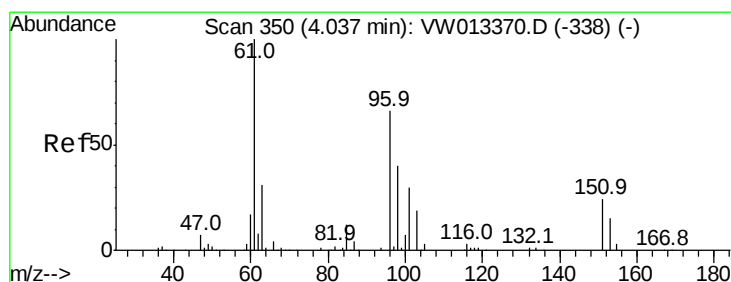
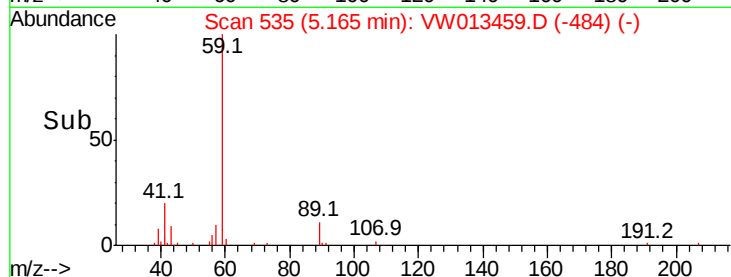
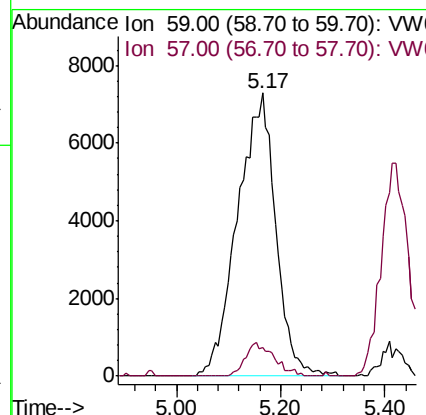
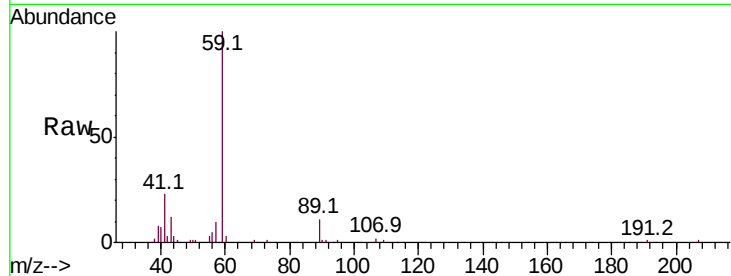


#11

Tert butyl alcohol
 Concen: 214.999 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

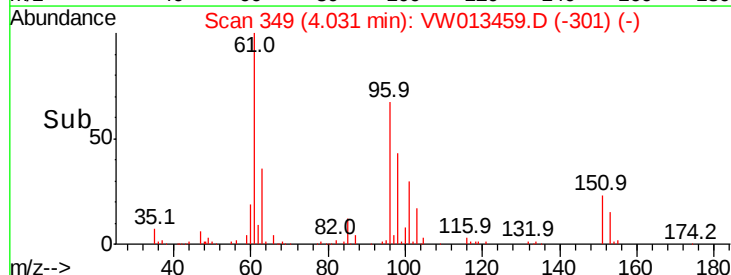
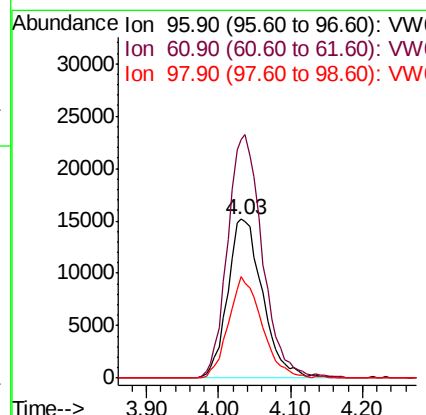
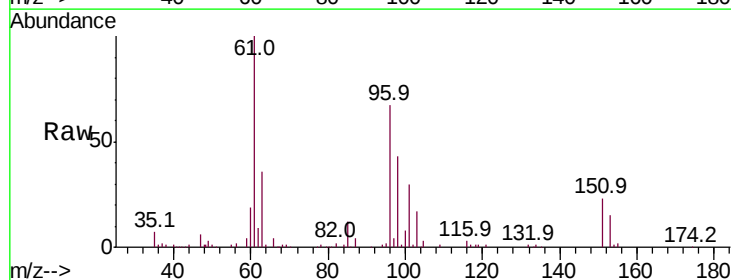
Tot Ion: 59 Resp: 36957
 Ion Ratio Lower Upper
 59 100
 57 8.9 8.2 12.2

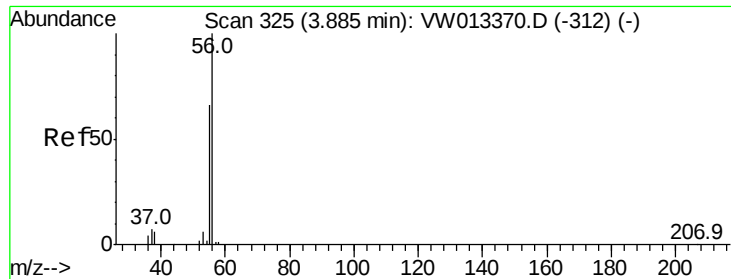


#12

1,1-Dichloroethene
 Concen: 20.185 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Tgt Ion: 96 Resp: 51340
 Ion Ratio Lower Upper
 96 100
 61 150.1 125.1 187.7
 98 64.2 50.8 76.2





#13

Acrolein

Concen: 117.248 ug/l

RT: 3.88 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

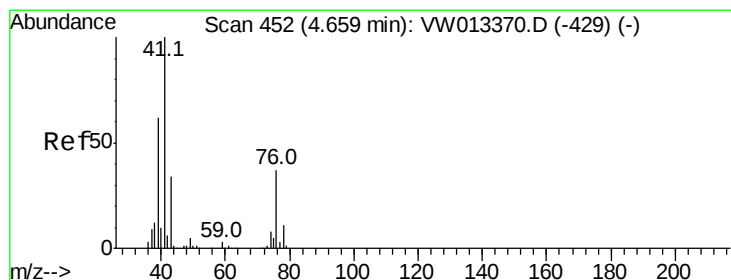
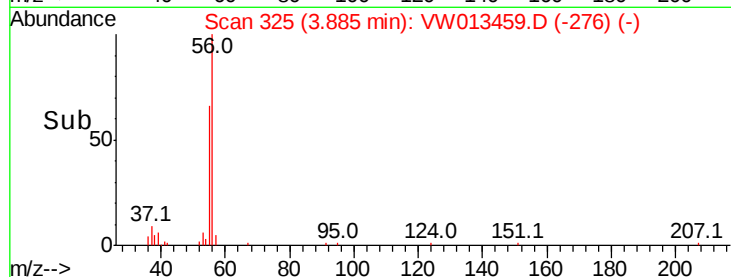
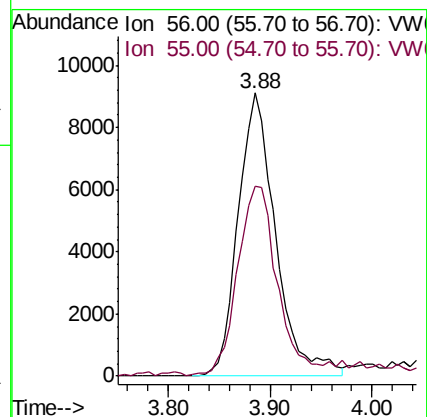
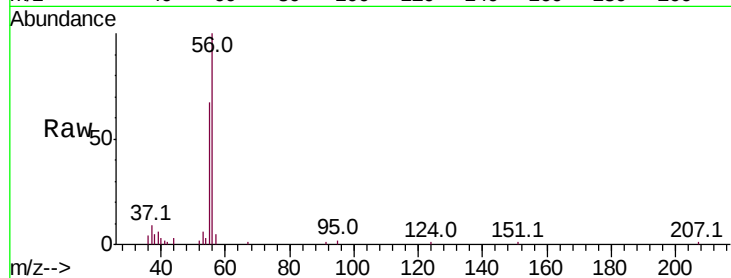
VW1007SBSD01

Tot Ion: 56 Resp: 23233

Ion Ratio Lower Upper

56 100

55 71.3 55.4 83.0



#14

Allyl chloride

Concen: 19.510 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

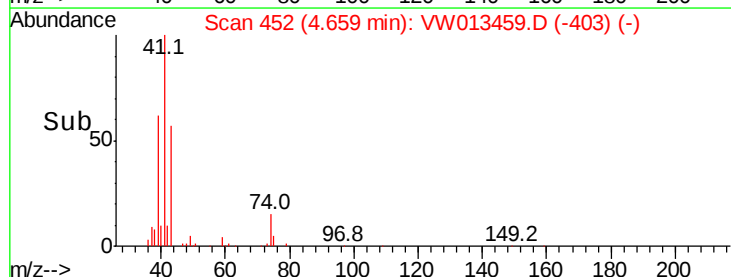
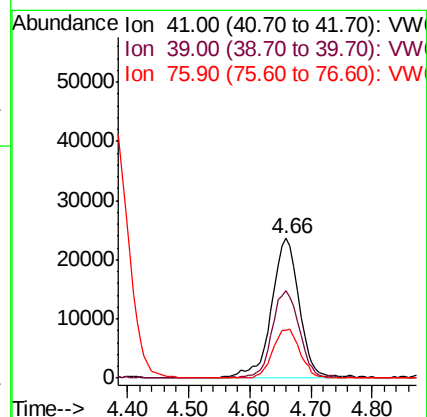
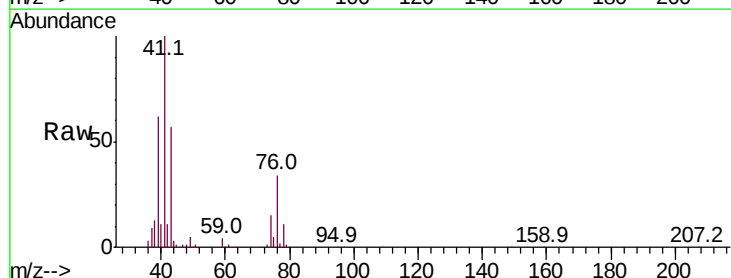
Tgt Ion: 41 Resp: 73407

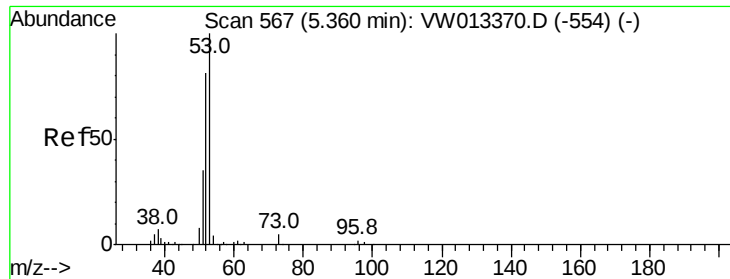
Ion Ratio Lower Upper

41 100

39 62.4 51.0 76.4

76 34.5 28.4 42.6





#15

Acrylonitrile

Concen: 126.436 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

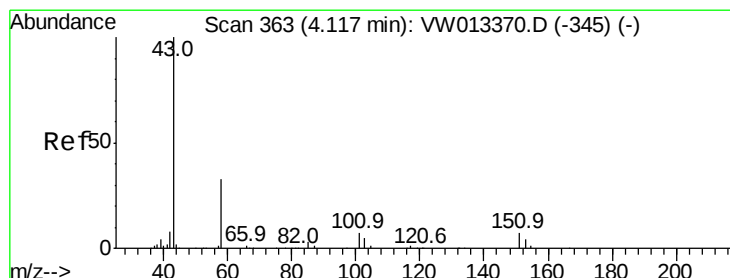
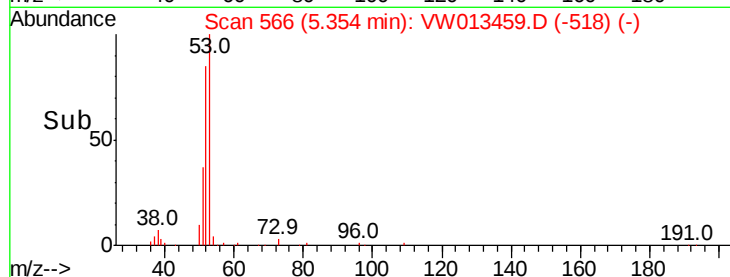
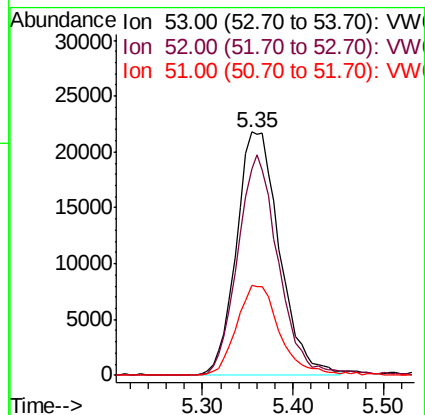
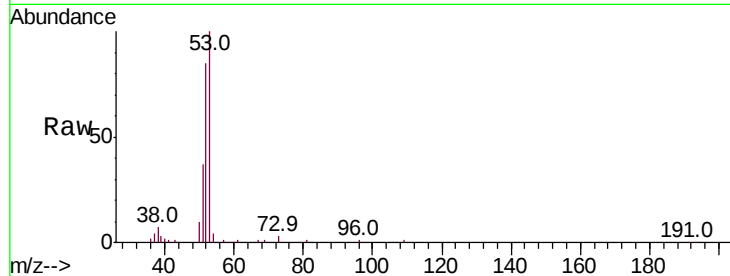
Tot Ion: 53 Resp: 71832

Ion Ratio Lower Upper

53 100

52 85.7 65.3 97.9

51 36.9 29.0 43.4



#16

Acetone

Concen: 104.999 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW013459.D

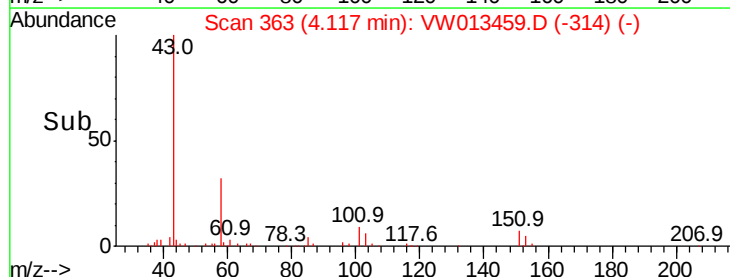
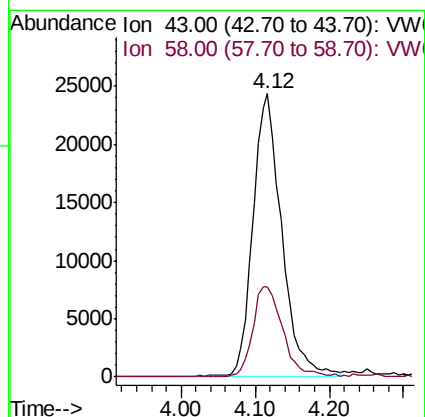
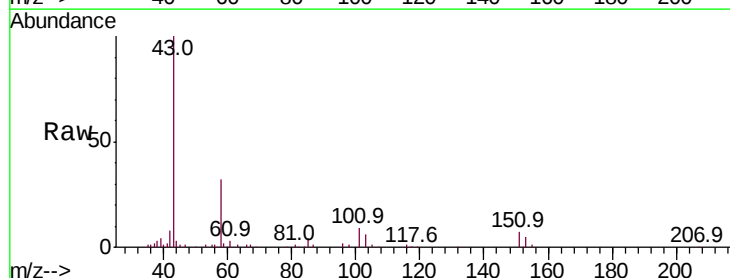
Acq: 07 Oct 2019 13:26

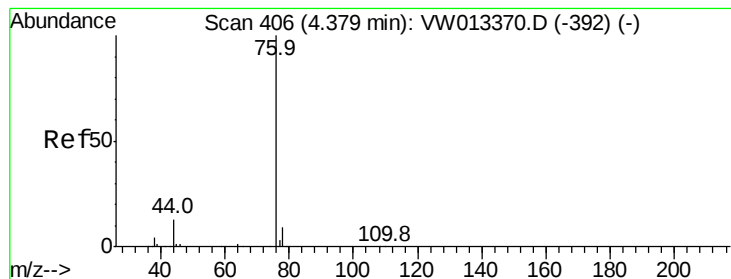
Tgt Ion: 43 Resp: 66397

Ion Ratio Lower Upper

43 100

58 31.6 24.1 36.1





#17

Carbon Disulfide

Concen: 19.650 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

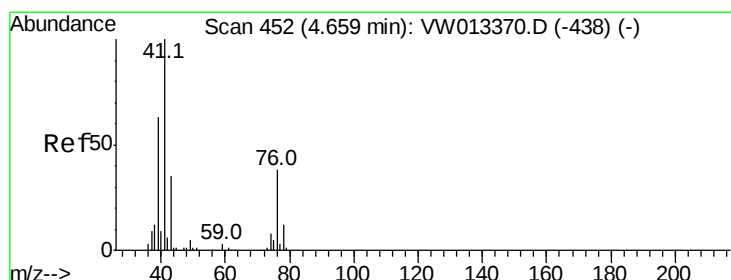
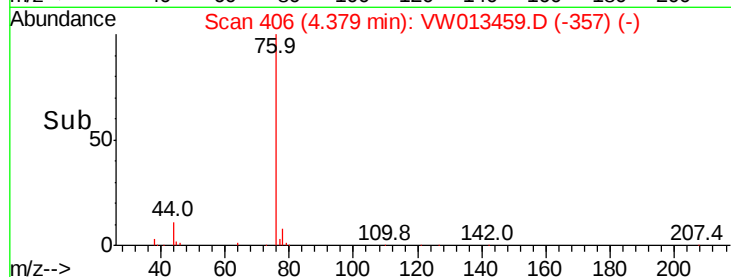
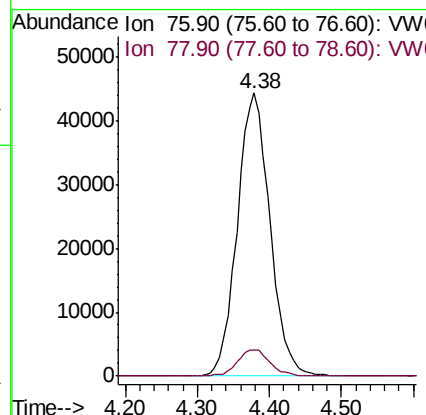
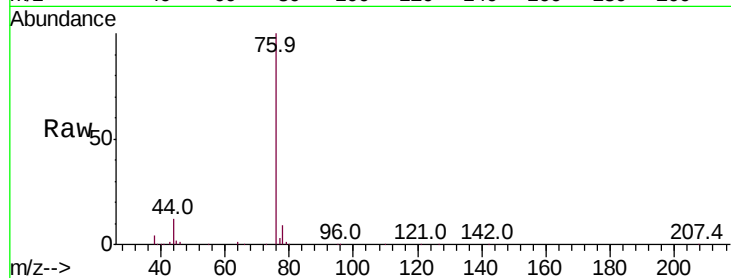
VW1007SBSD01

Tot Ion: 76 Resp: 139430

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 28.556 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013459.D

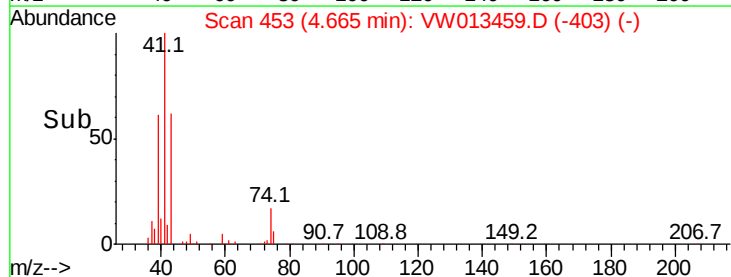
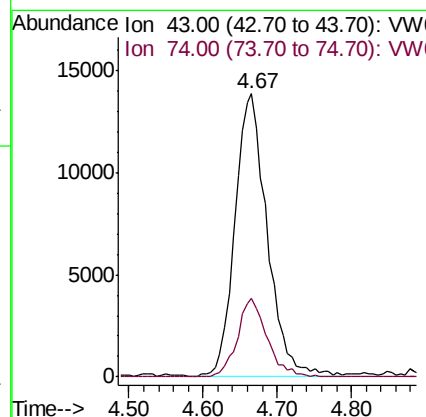
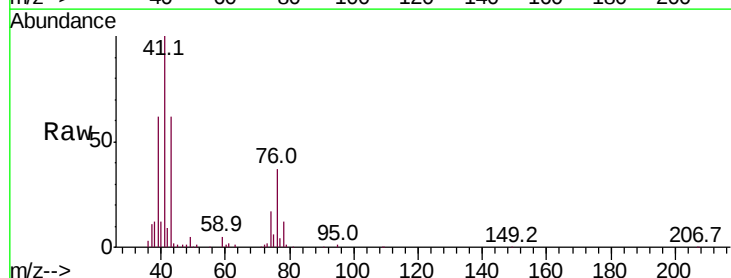
Acq: 07 Oct 2019 13:26

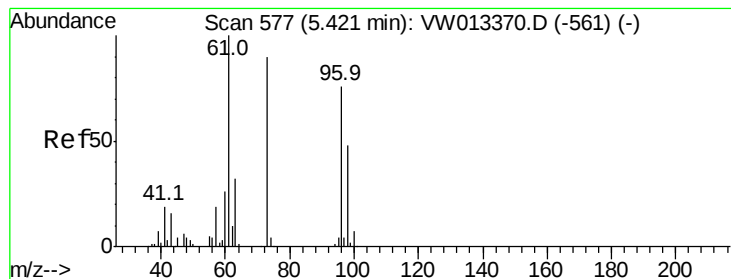
Tgt Ion: 43 Resp: 42265

Ion Ratio Lower Upper

43 100

74 25.3 19.3 28.9



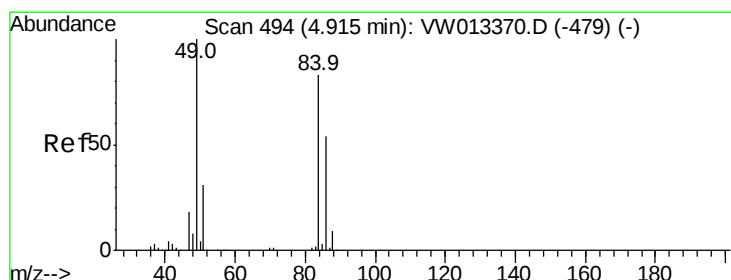
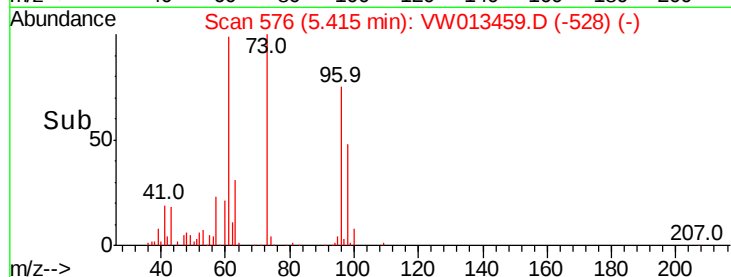
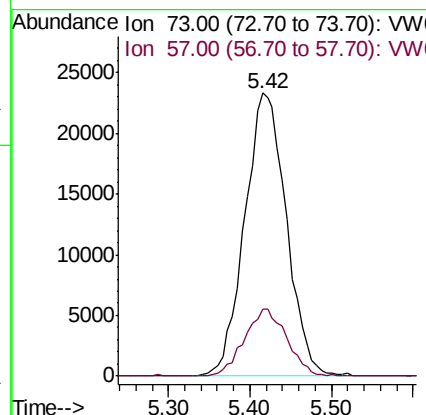
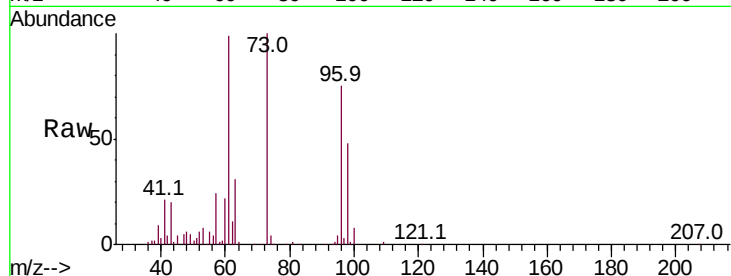


#19

Methyl tert-butyl Ether
 Concen: 22.048 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

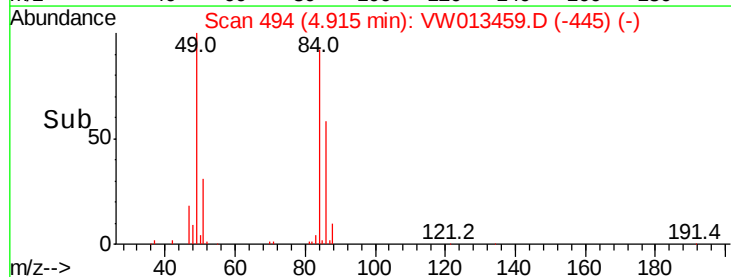
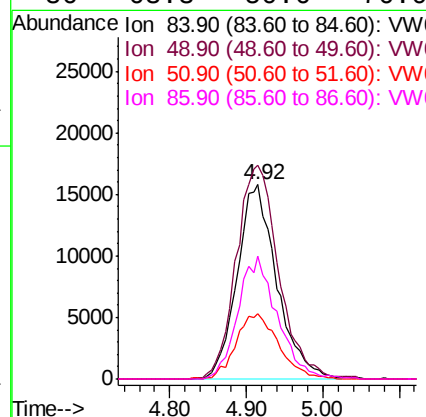
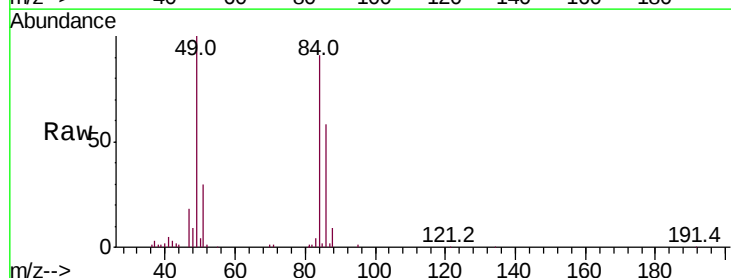
Tot Ion: 73 Resp: 82535
 Ion Ratio Lower Upper
 73 100
 57 23.5 17.6 26.4

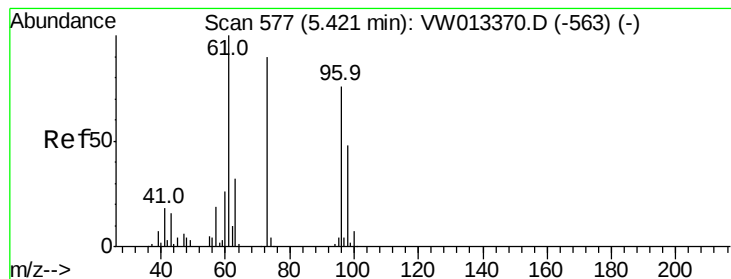


#20

Methylene Chloride
 Concen: 20.455 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Tgt Ion: 84 Resp: 56792
 Ion Ratio Lower Upper
 84 100
 49 110.0 97.6 146.4
 51 33.5 30.2 45.2
 86 63.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.328 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

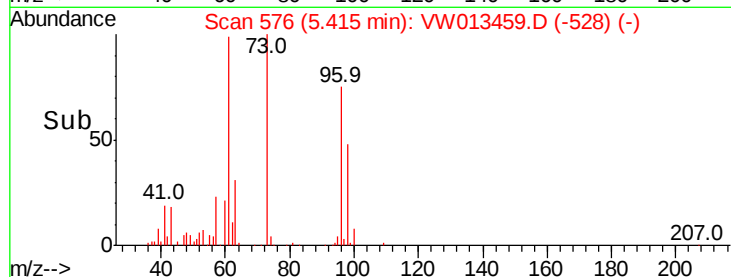
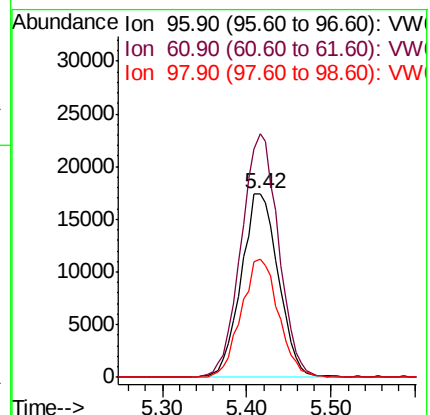
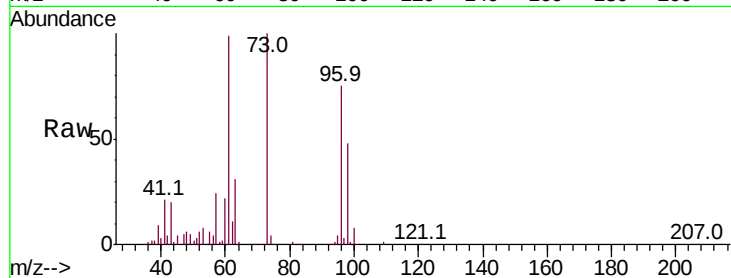
Tot Ion: 96 Resp: 52351

Ion Ratio Lower Upper

96 100

61 132.5 106.6 159.8

98 64.2 49.8 74.8



#22

Diisopropyl ether

Concen: 20.169 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Tgt Ion: 45 Resp: 146554

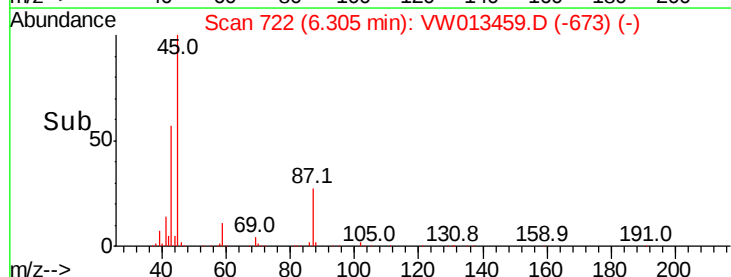
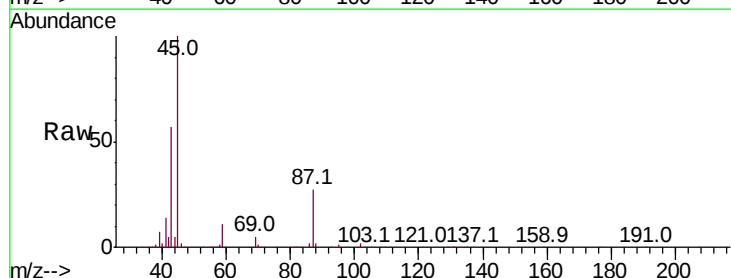
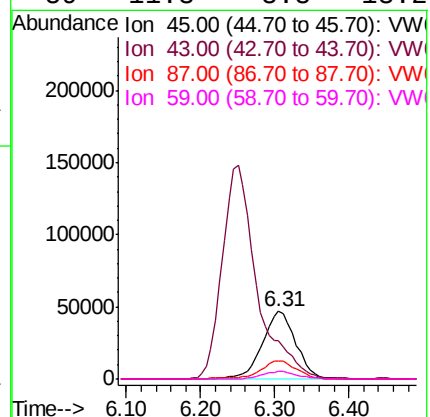
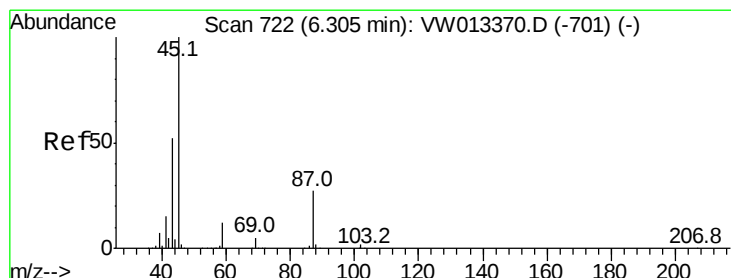
Ion Ratio Lower Upper

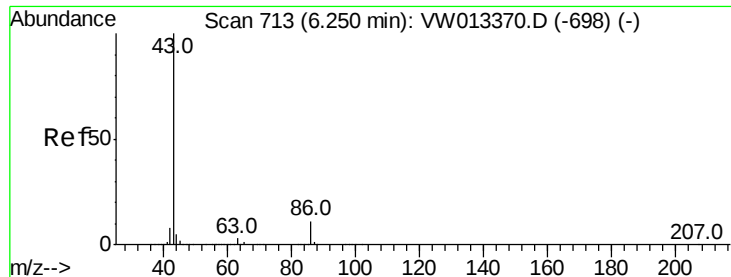
45 100

43 55.7 42.4 63.6

87 26.8 20.4 30.6

59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 110.517 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

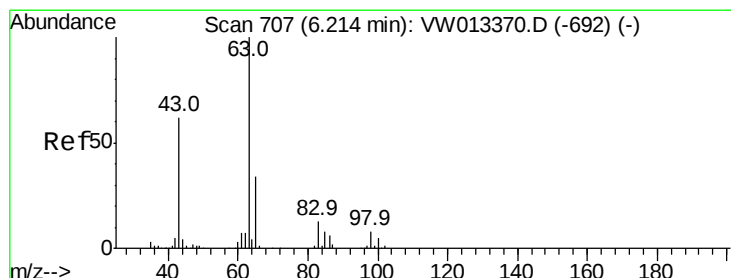
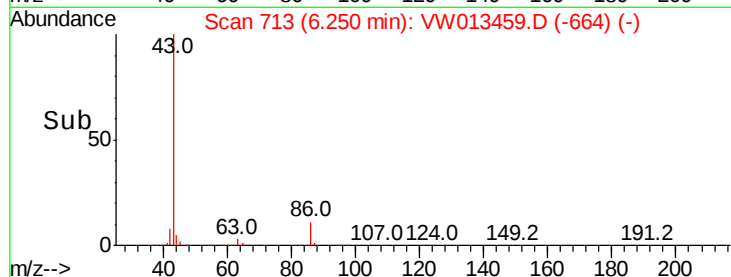
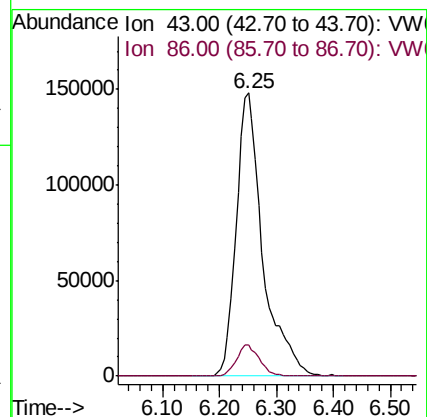
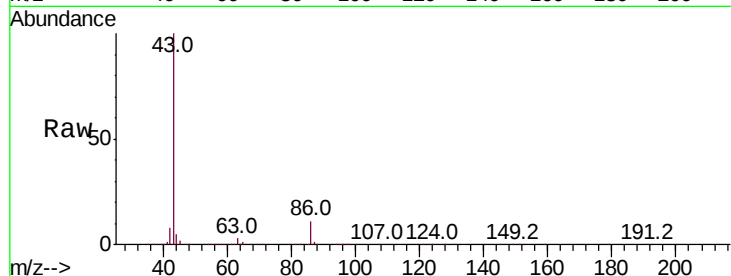
VW1007SBSD01

Tot Ion: 43 Resp: 481859

Ion Ratio Lower Upper

43 100

86 11.1 8.3 12.5



#24

1,1-Dichloroethane

Concen: 19.505 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

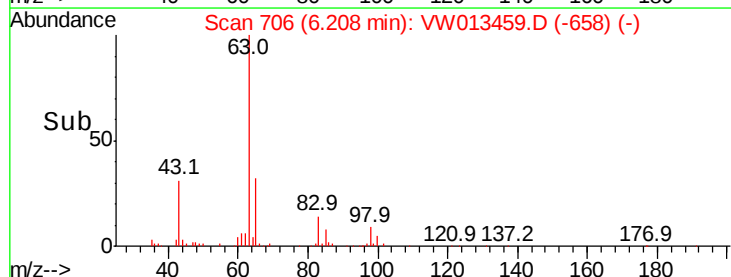
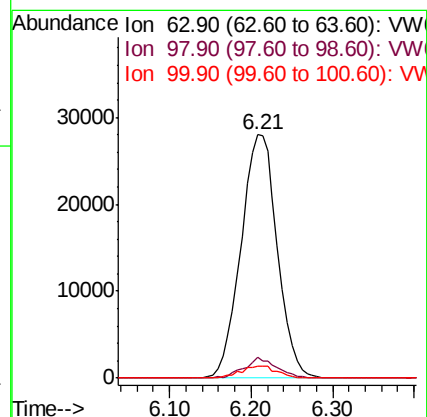
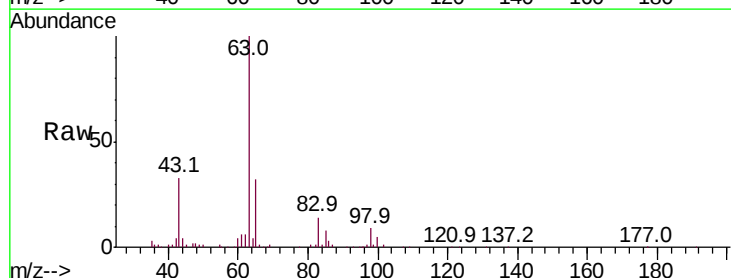
Tgt Ion: 63 Resp: 86324

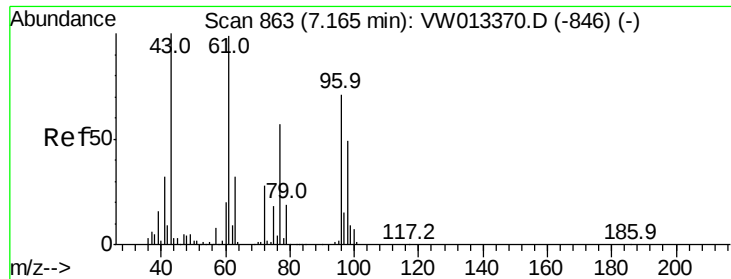
Ion Ratio Lower Upper

63 100

98 8.8 3.5 10.5

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 123.842 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

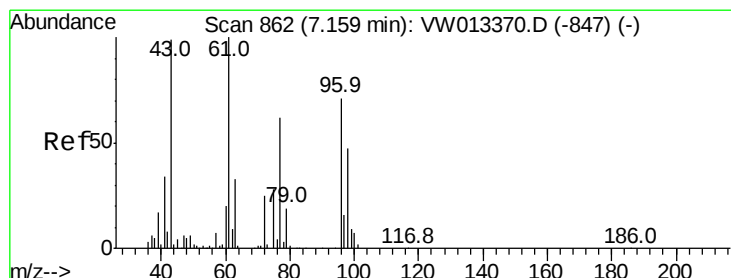
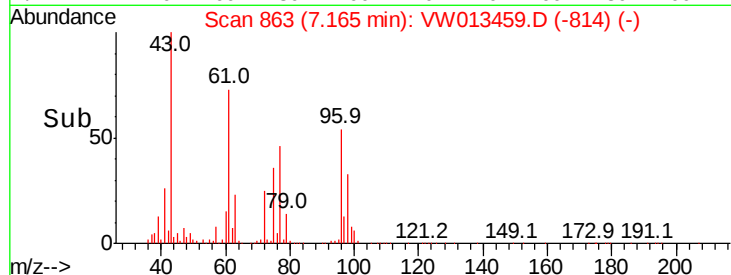
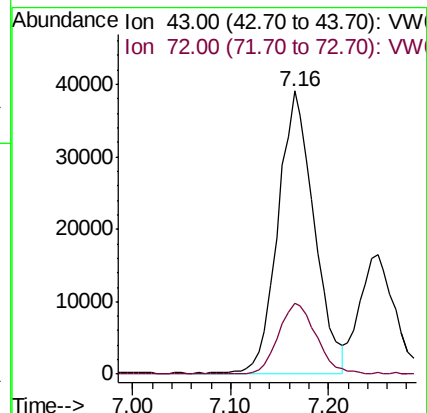
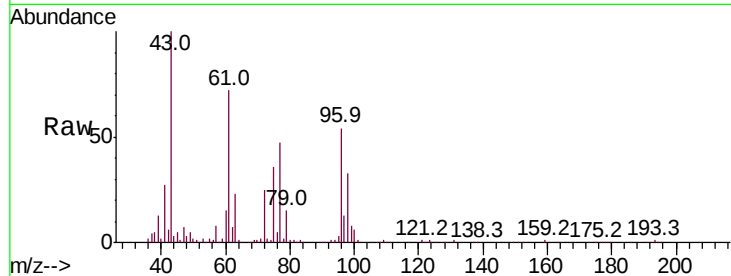
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion: 43 Resp: 100207

Ion Ratio Lower Upper

43 100

72 25.3 19.4 29.0



#26

2,2-Dichloropropane

Concen: 20.950 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013459.D

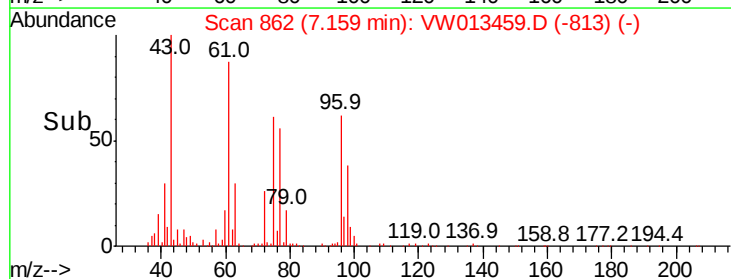
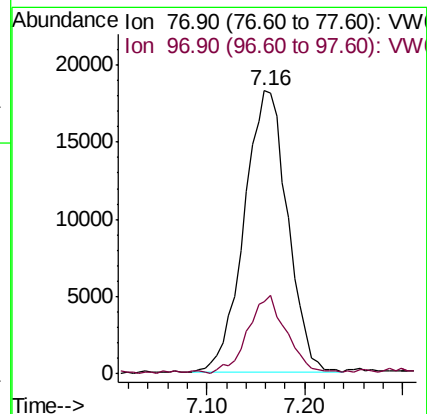
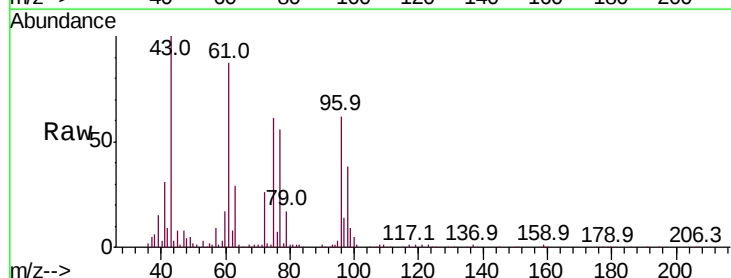
Acq: 07 Oct 2019 13:26

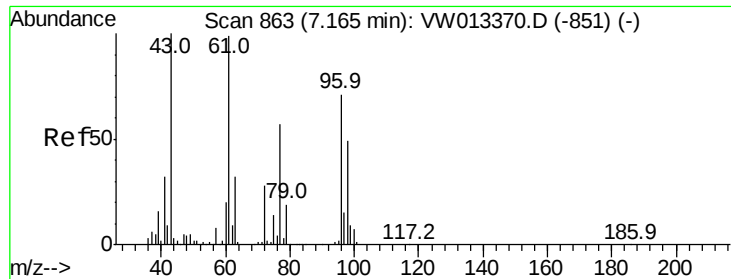
Tgt Ion: 77 Resp: 56115

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.4



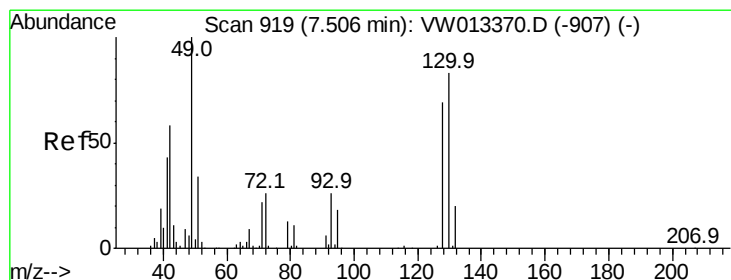
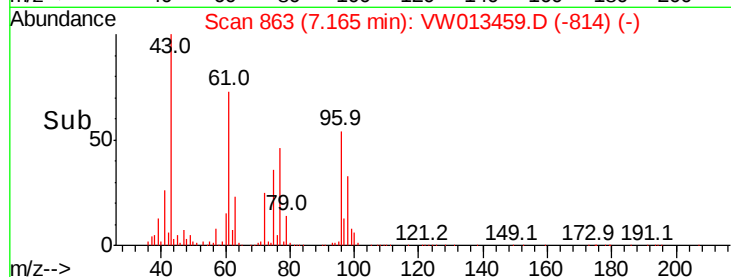
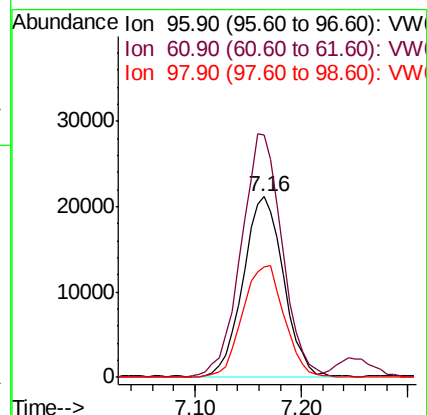
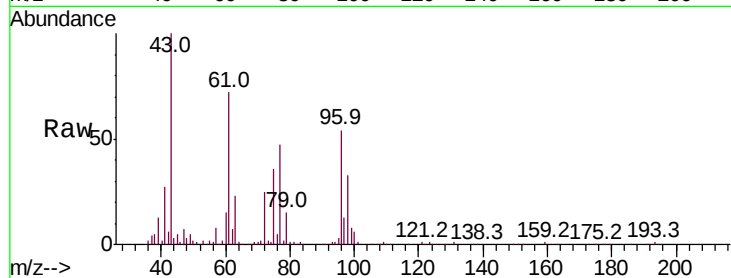


#27

cis-1,2-Dichloroethene
Concen: 20.042 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

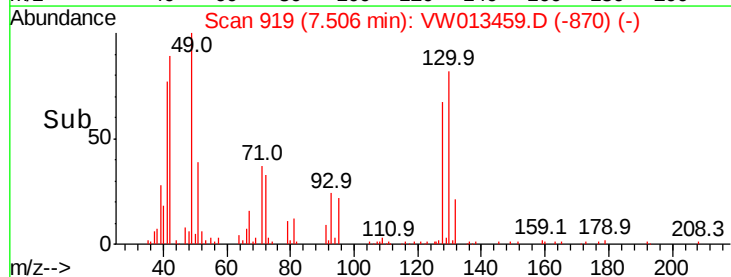
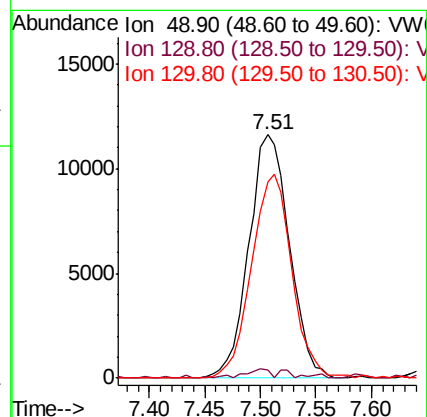
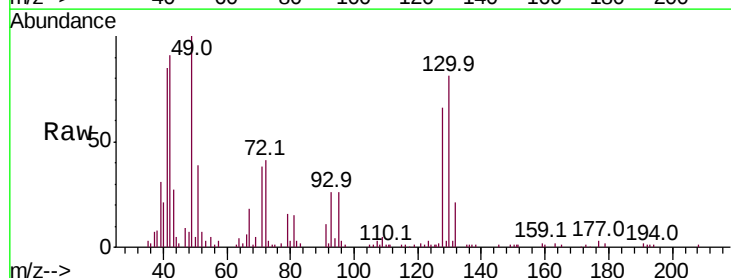
Tot Ion: 96 Resp: 56822
Ion Ratio Lower Upper
96 100
61 135.5 0.0 282.4
98 63.4 0.0 128.2

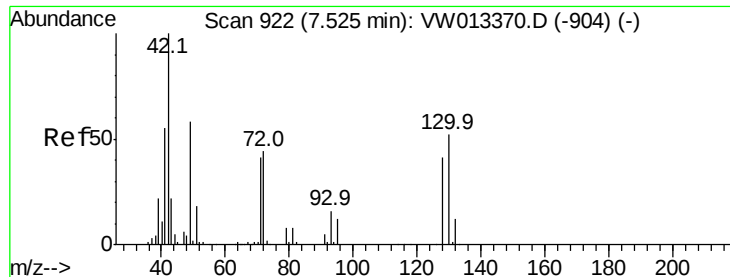


#28

Bromochloromethane
Concen: 18.430 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion: 49 Resp: 29492
Ion Ratio Lower Upper
49 100
129 1.2 0.0 1.0#
130 83.4 63.4 95.2

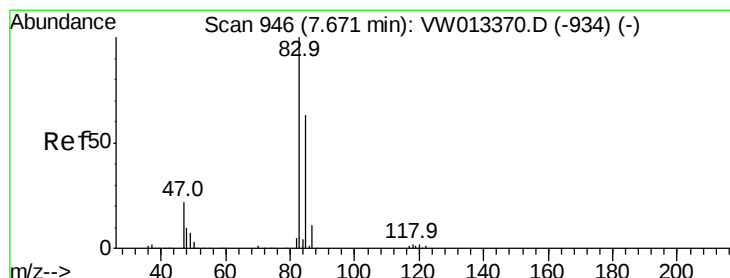
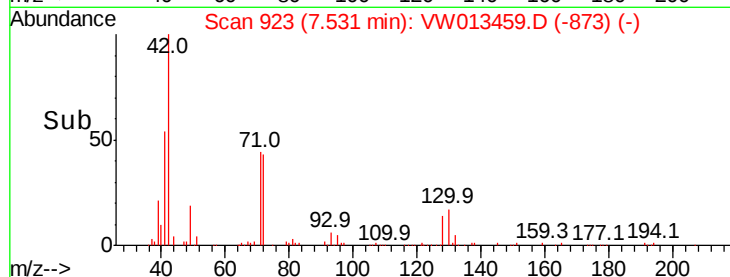
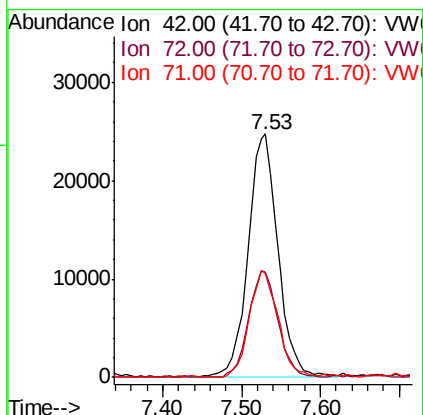
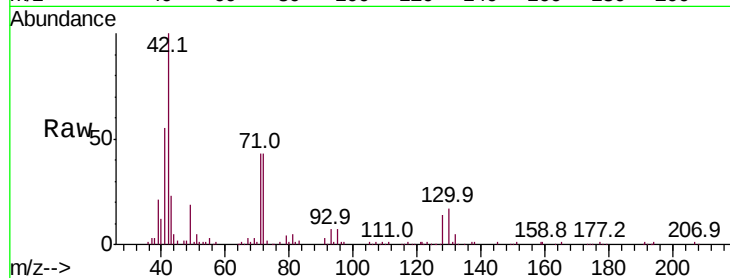




#29
Tetrahydrofuran
Concen: 142.805 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

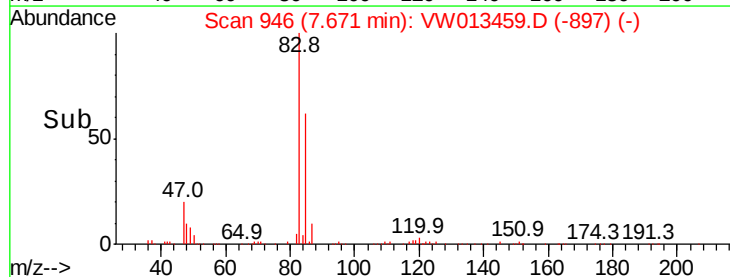
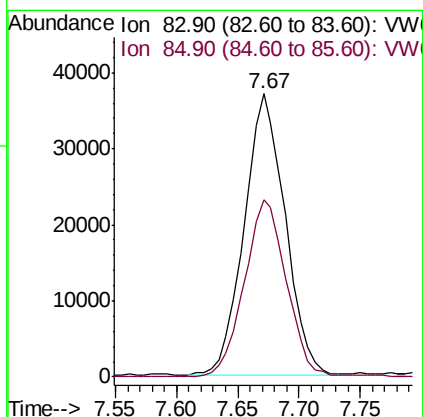
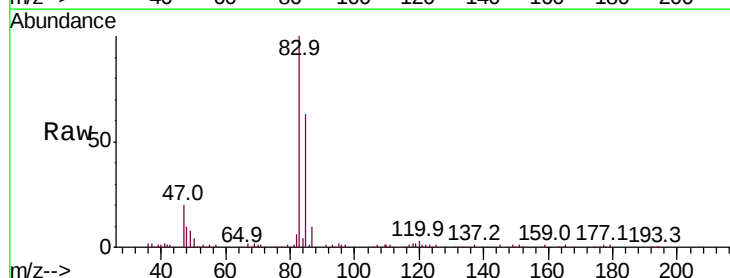
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

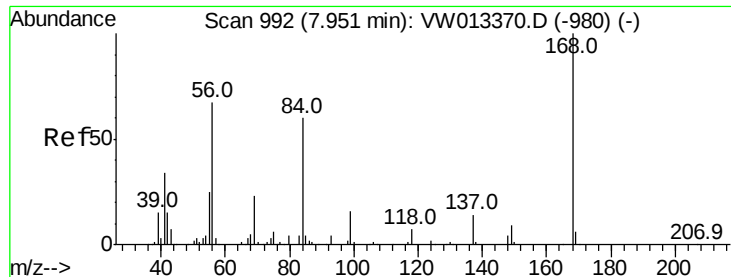
Tot Ion: 42 Resp: 65174
Ion Ratio Lower Upper
42 100
72 42.8 33.9 50.9
71 41.7 31.9 47.9



#30
Chloroform
Concen: 19.861 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion: 83 Resp: 86190
Ion Ratio Lower Upper
83 100
85 63.0 52.3 78.5

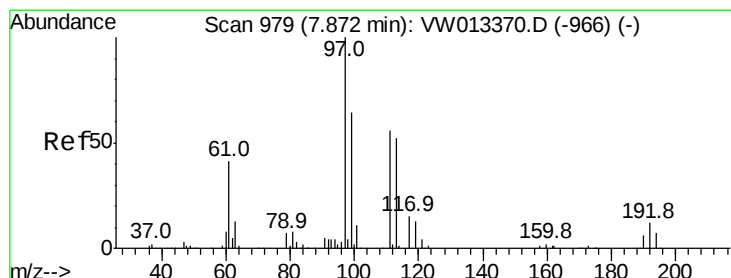
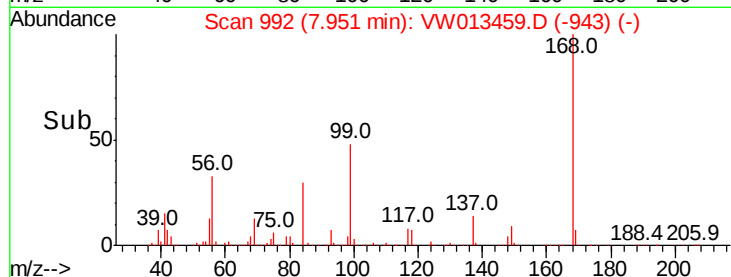
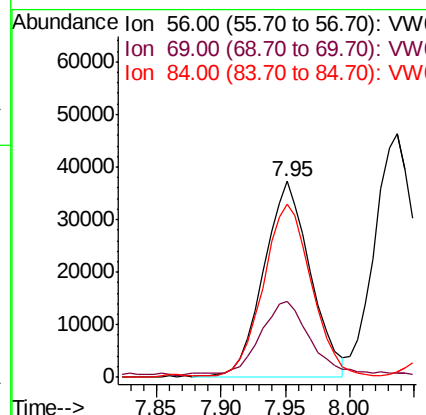
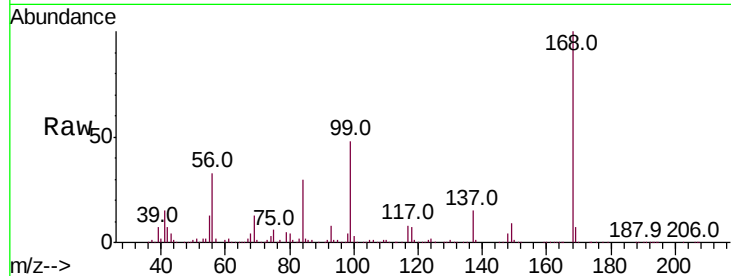




#31
Cyclohexane
Concen: 19.734 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

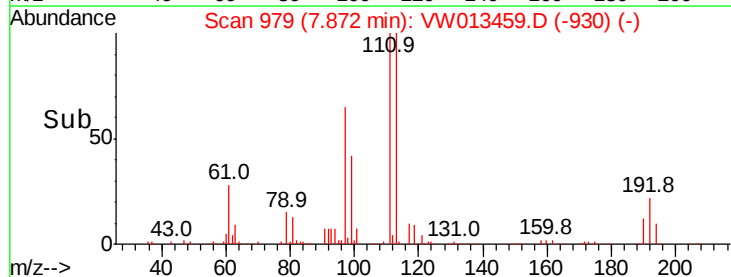
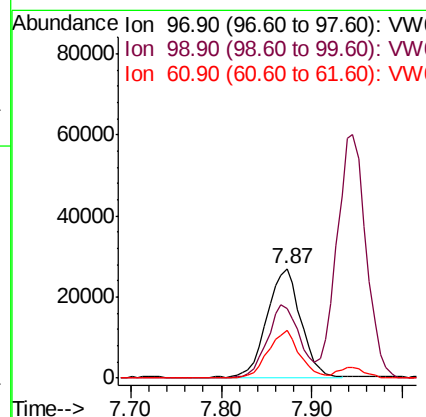
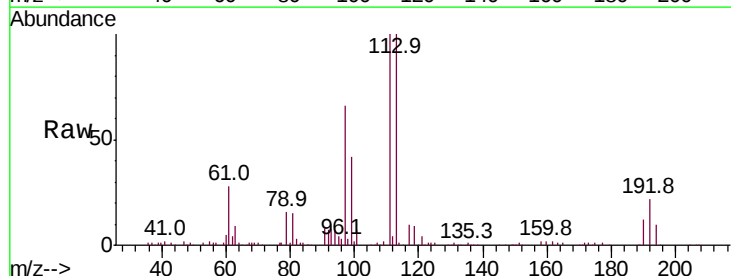
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

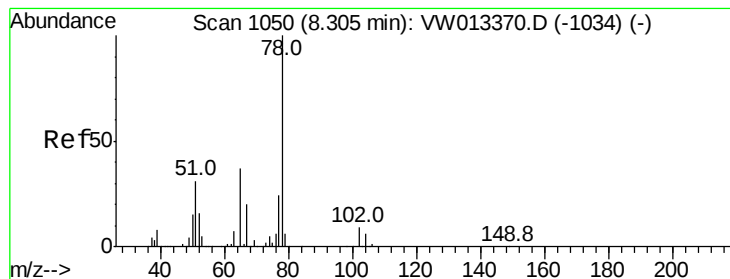
Tot Ion: 56 Resp: 93143
Ion Ratio Lower Upper
56 100
69 36.7 27.2 40.8
84 87.9 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 20.423 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion: 97 Resp: 69434
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 40.7 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 55.493 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

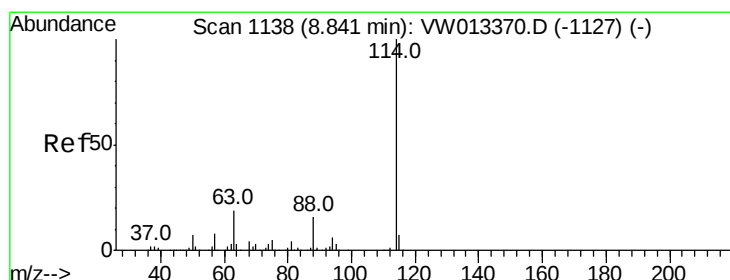
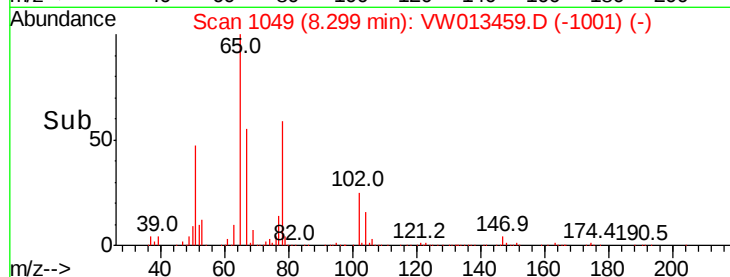
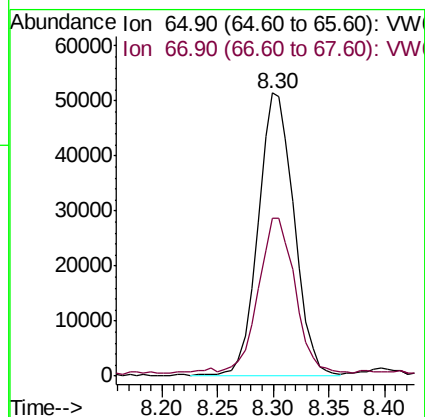
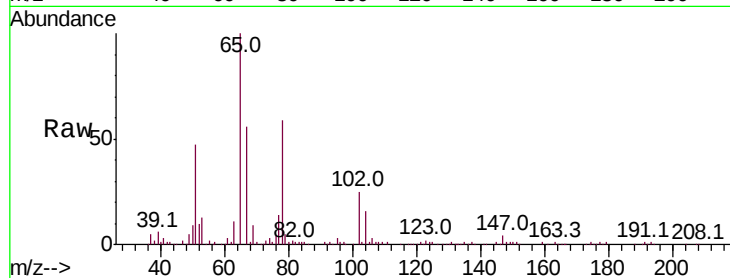
VW1007SBSD01

Tot Ion: 65 Resp: 114483

Ion Ratio Lower Upper

65 100

67 57.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

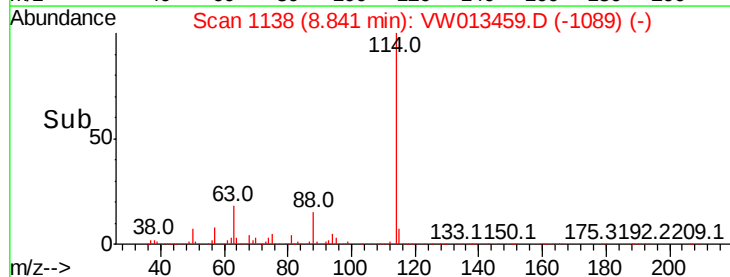
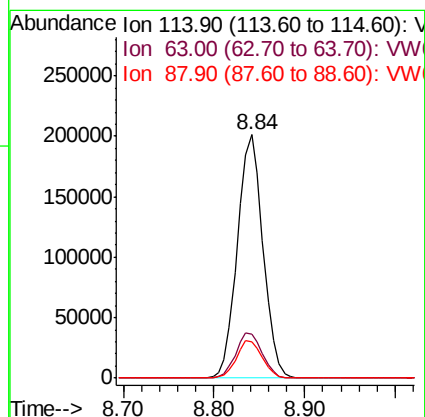
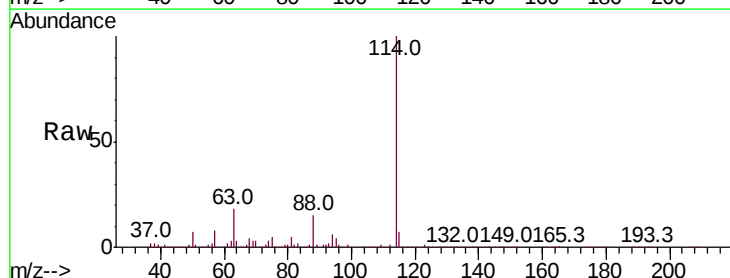
Tgt Ion: 114 Resp: 394656

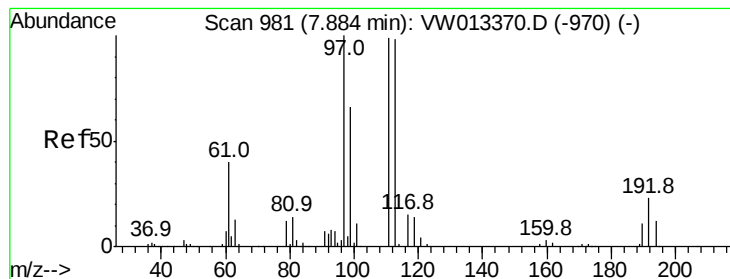
Ion Ratio Lower Upper

114 100

63 17.9 0.0 41.4

88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.653 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

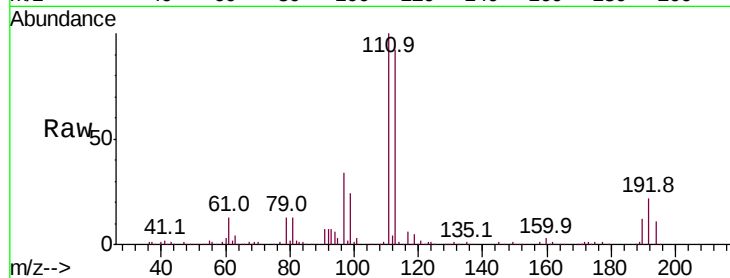
Tot Ion:113 Resp: 111108

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

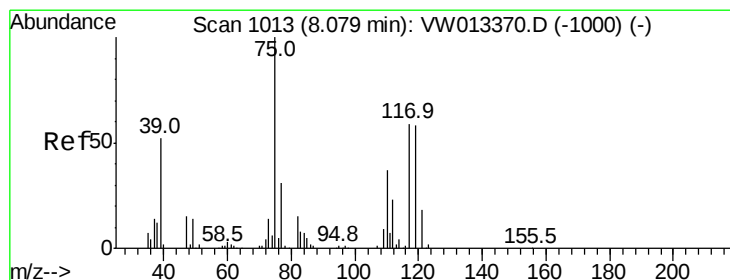
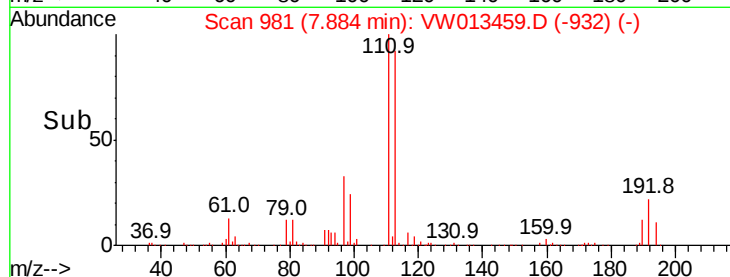
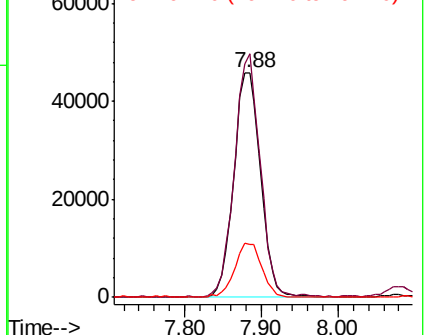
192 24.5 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.755 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

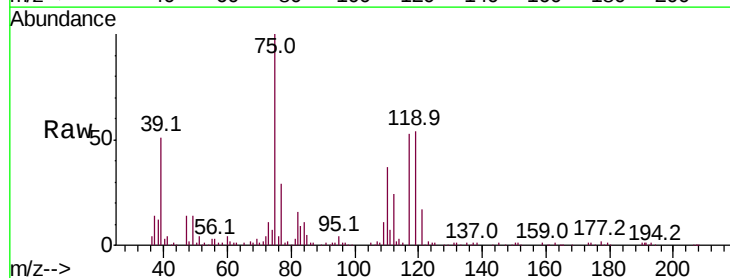
Tgt Ion: 75 Resp: 72413

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.3

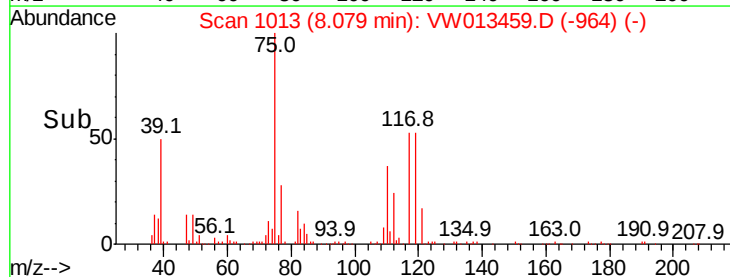
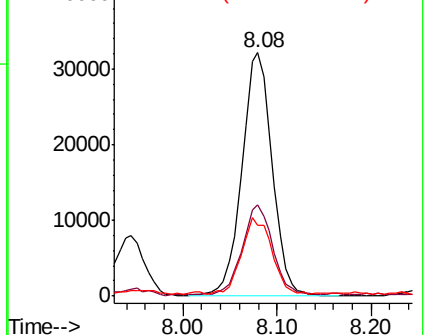
77 30.8 25.8 38.6

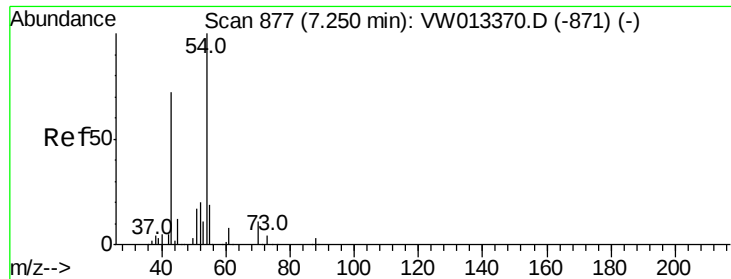


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

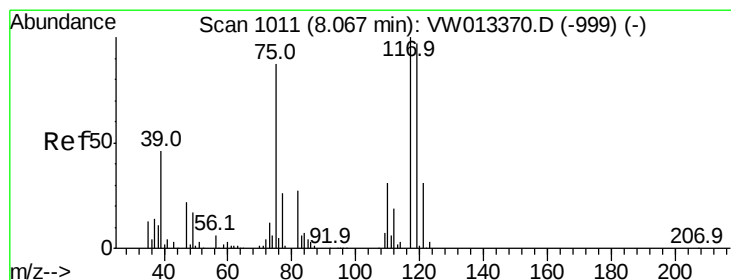
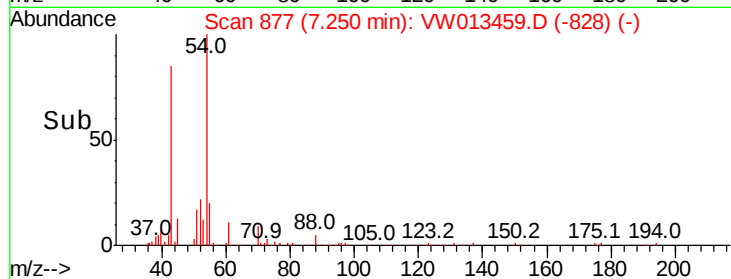
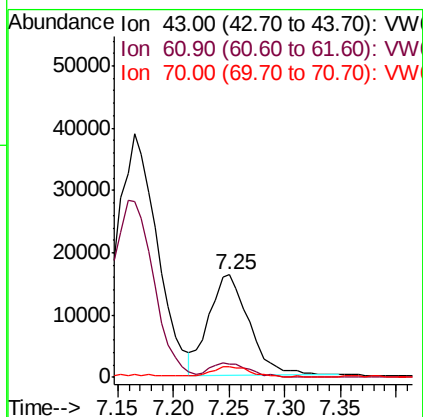
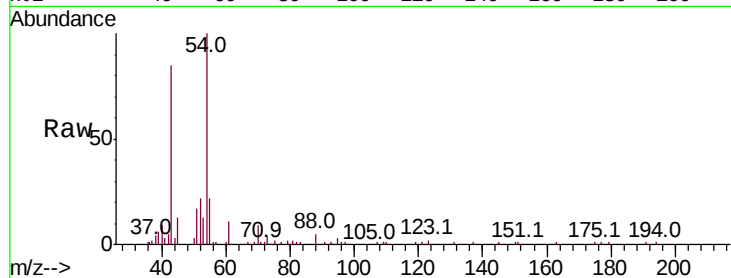




#37
Ethyl Acetate
Concen: 25.378 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

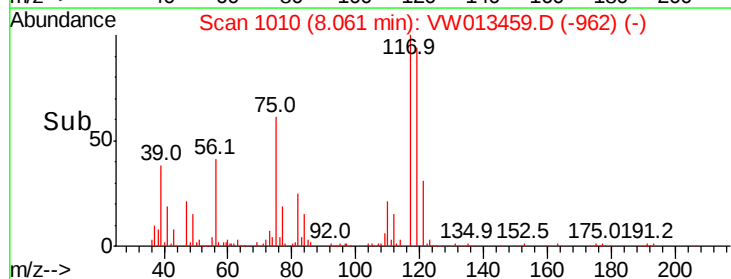
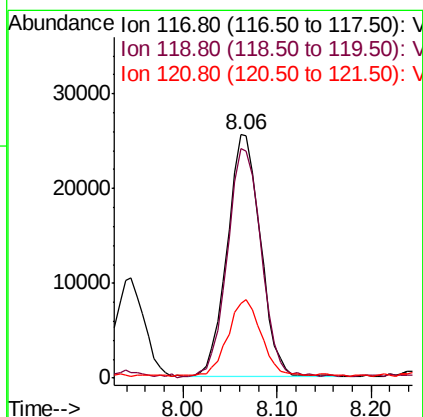
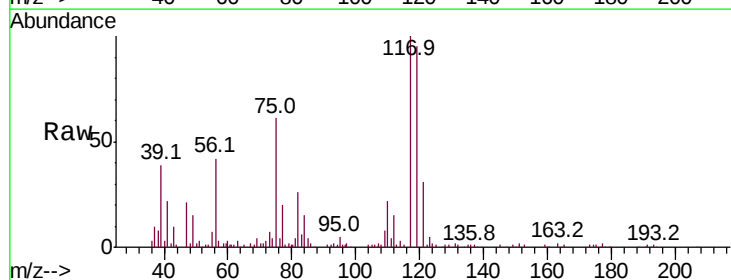
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

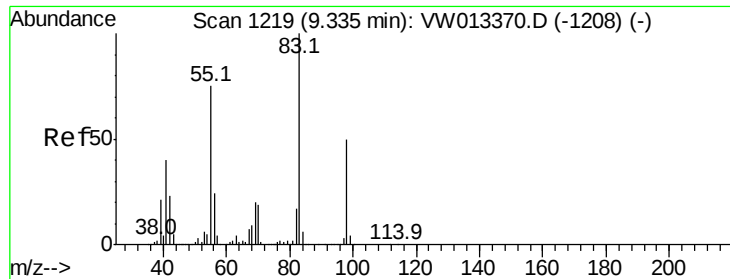
Tot Ion: 43 Resp: 40937
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 12.1 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.807 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion: 117 Resp: 62893
Ion Ratio Lower Upper
117 100
119 94.2 73.5 110.3
121 29.8 25.0 37.6

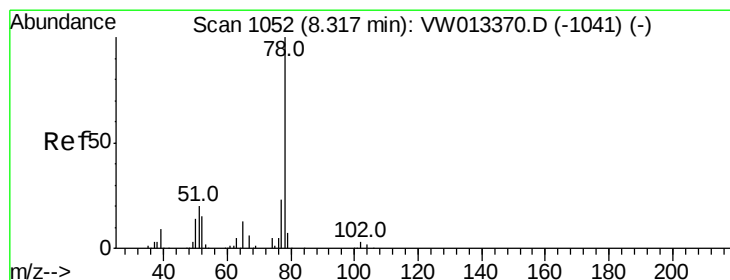
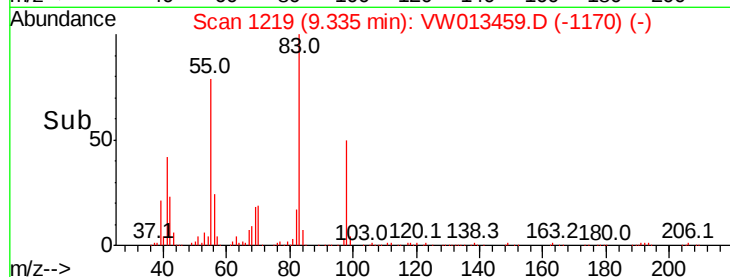
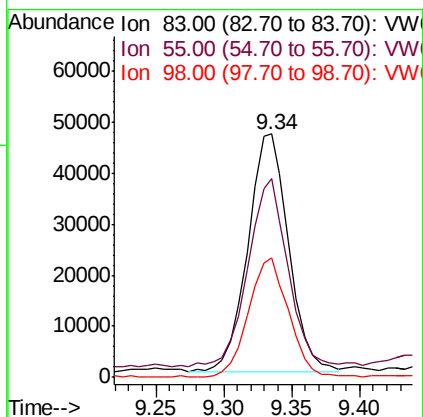
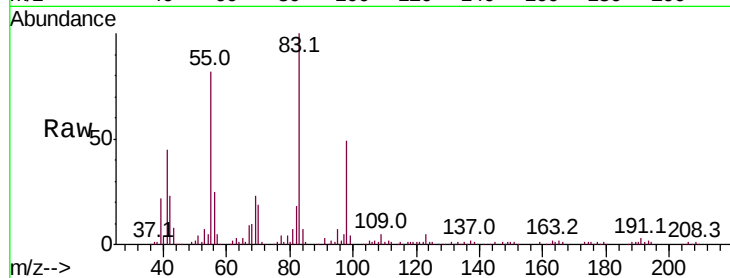




#39
Methvlcvclohexane
Concen: 20.144 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

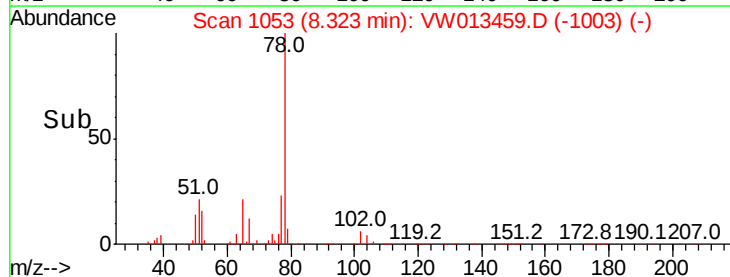
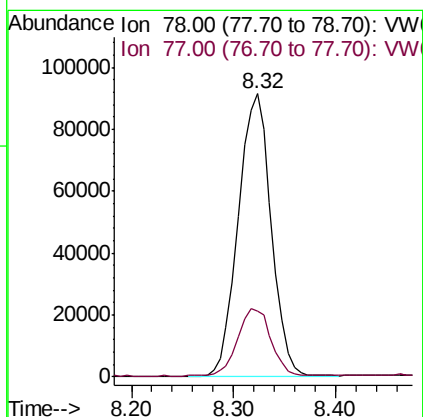
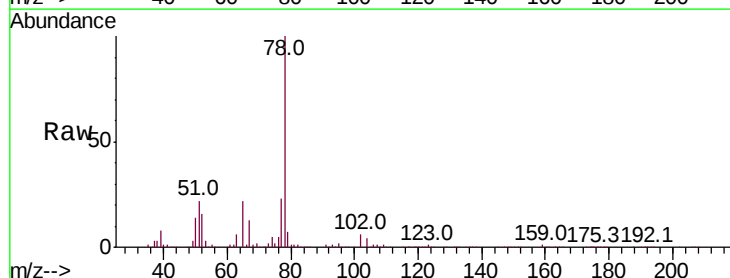
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

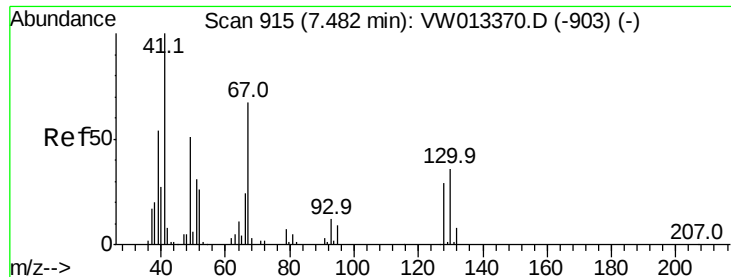
Tot Ion: 83 Resp: 97247
Ion Ratio Lower Upper
83 100
55 79.2 60.4 90.6
98 50.0 40.0 60.0



#40
Benzene
Concen: 19.737 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion: 78 Resp: 204803
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7

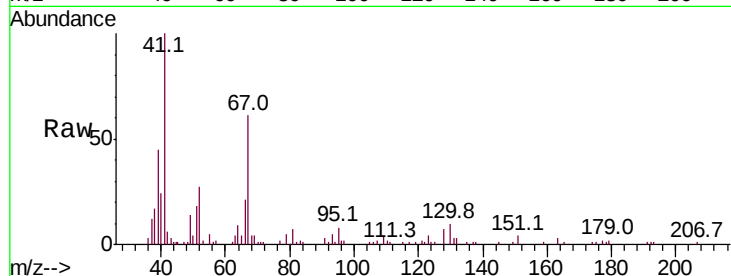




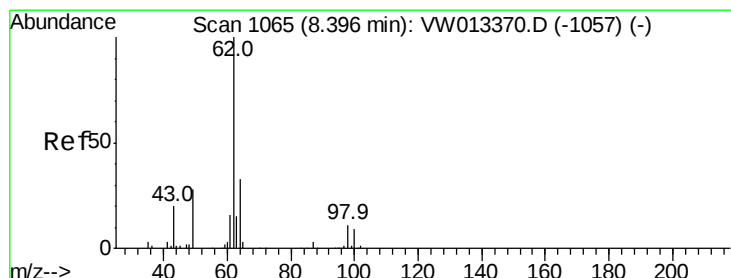
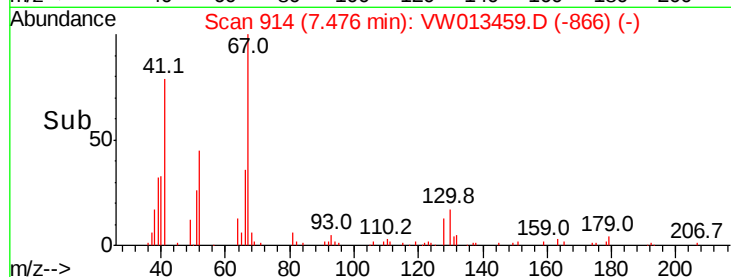
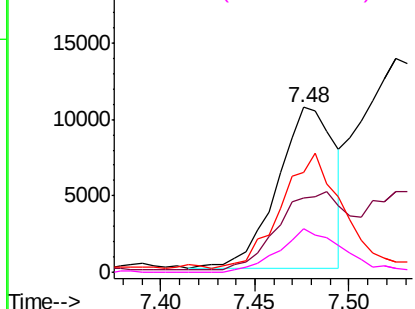
#41
Methacrylonitrile
Concen: 22.786 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion:	41	Resp:	22226
Ion	Ratio	Lower	Upper
41	100		
39	61.4	45.9	68.9
67	77.4	54.5	81.7
52	31.1	22.5	33.7

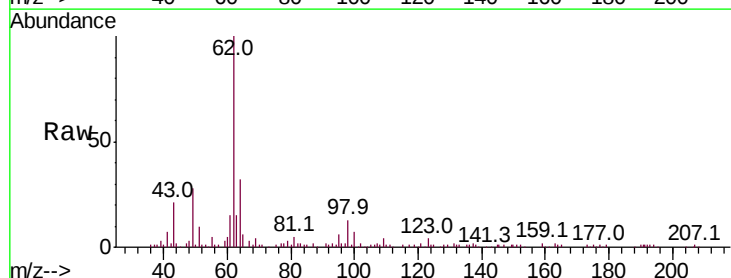


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

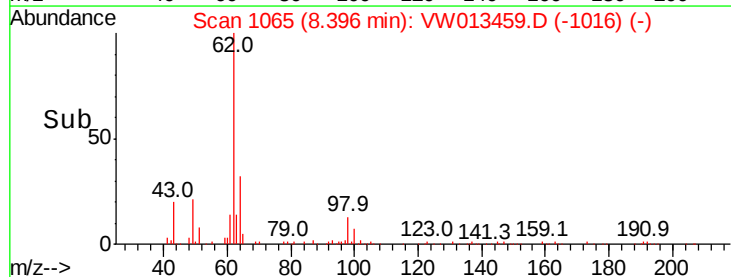
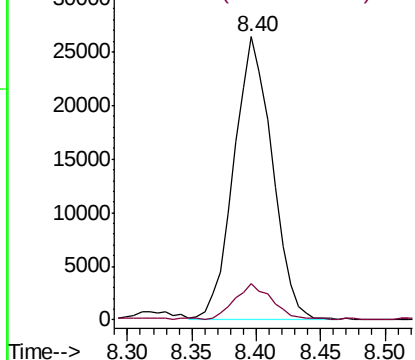


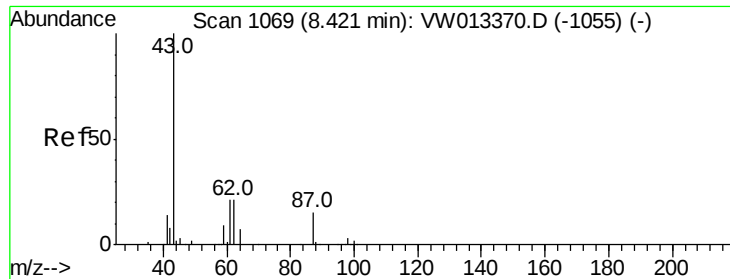
#42
1,2-Dichloroethane
Concen: 20.476 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion:	62	Resp:	54608
Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 24.030 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

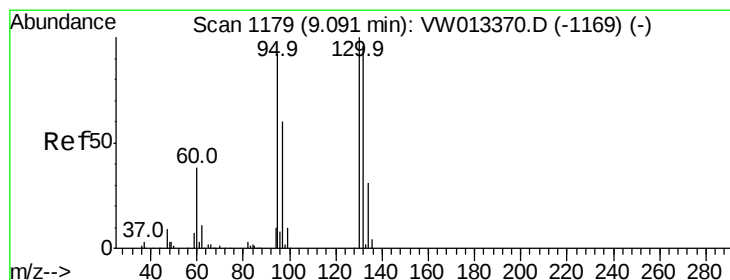
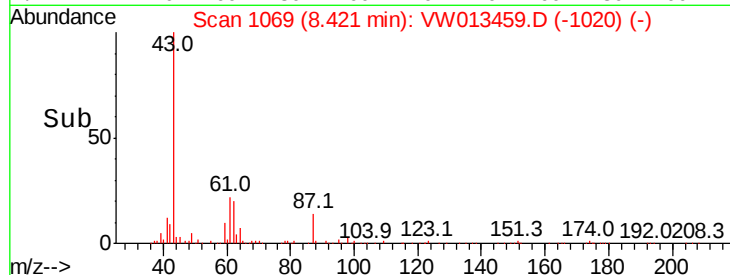
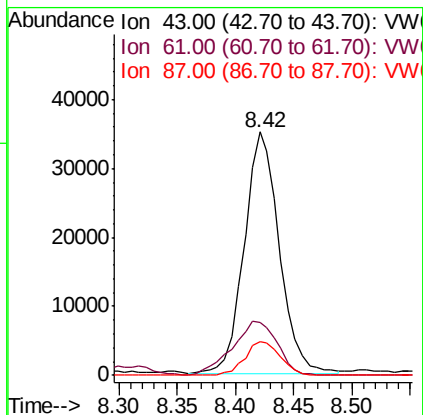
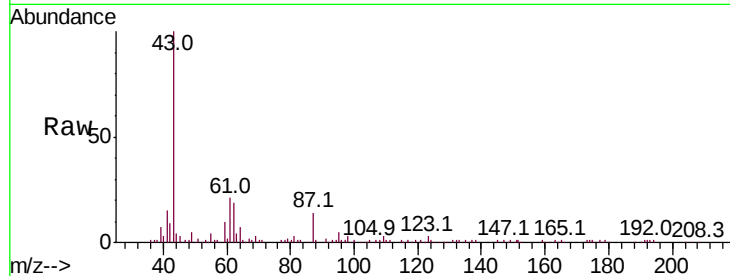
Tot Ion: 43 Resp: 73168

Ion Ratio Lower Upper

43 100

61 29.2 25.5 38.3

87 14.4 11.0 16.4



#44

Trichloroethene

Concen: 19.985 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013459.D

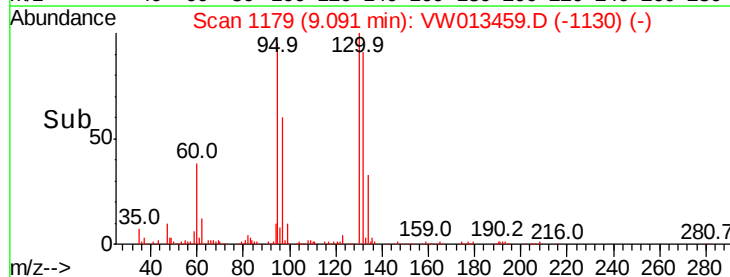
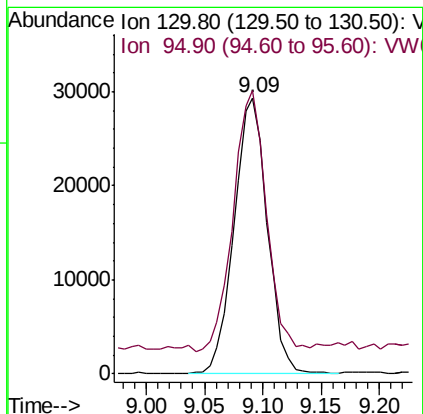
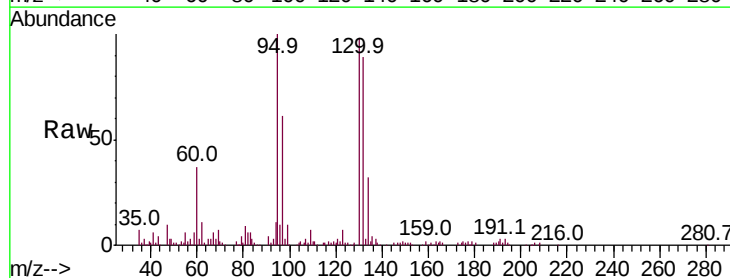
Acq: 07 Oct 2019 13:26

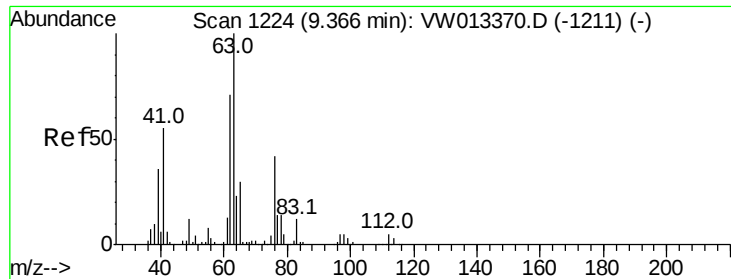
Tgt Ion: 130 Resp: 58398

Ion Ratio Lower Upper

130 100

95 92.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.532 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

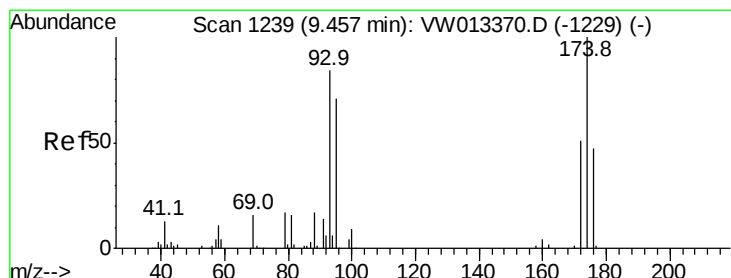
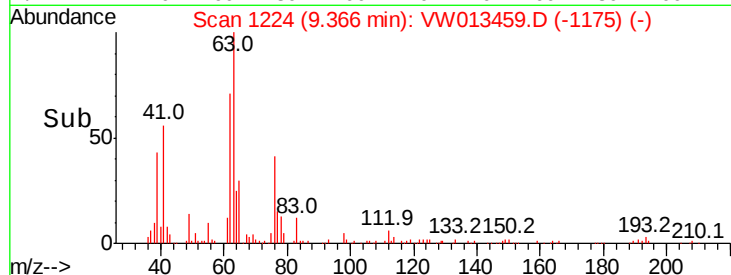
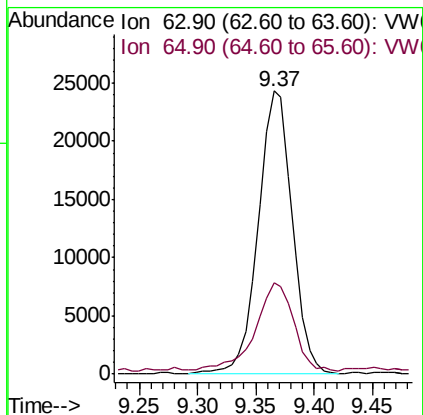
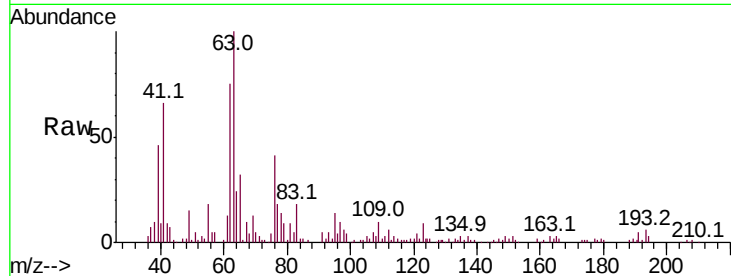
VW1007SBSD01

Tot Ion: 63 Resp: 48663

Ion Ratio Lower Upper

63 100

65 31.0 25.3 37.9



#46

Dibromomethane

Concen: 22.825 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

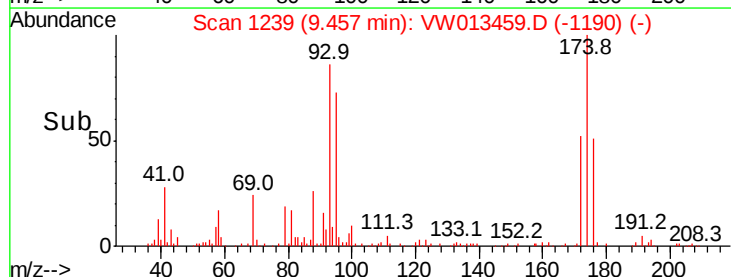
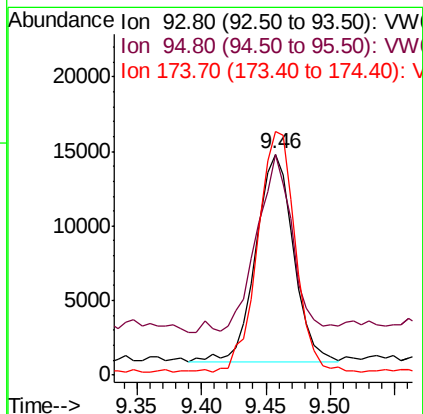
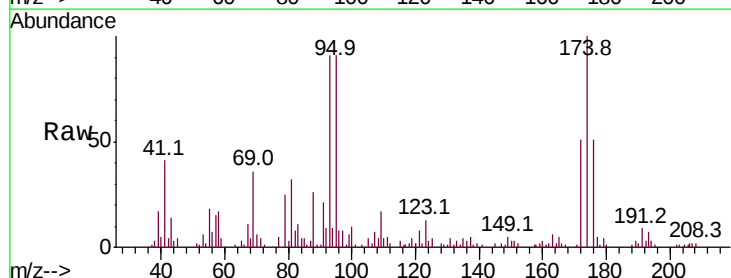
Tgt Ion: 93 Resp: 28324

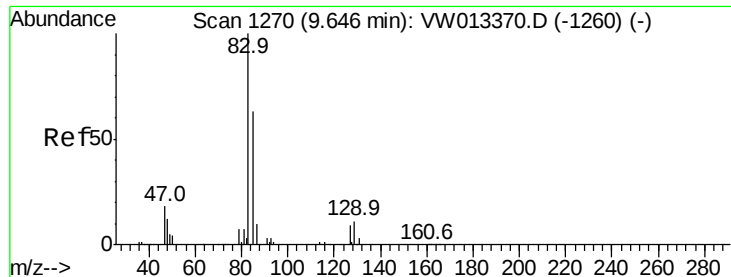
Ion Ratio Lower Upper

93 100

95 79.6 66.4 99.6

174 114.3 93.0 139.6





#47

Bromodichloromethane

Concen: 20.351 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

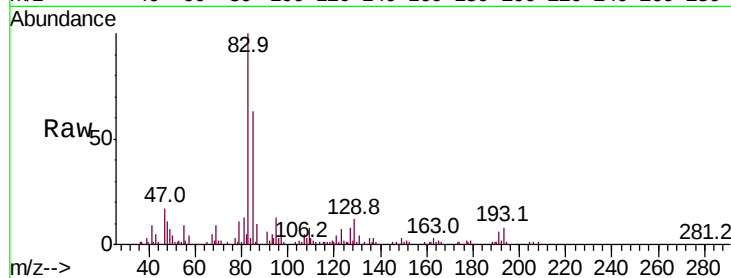
Tot Ion: 83 Resp: 62170

Ion Ratio Lower Upper

83 100

85 64.8 49.4 74.2

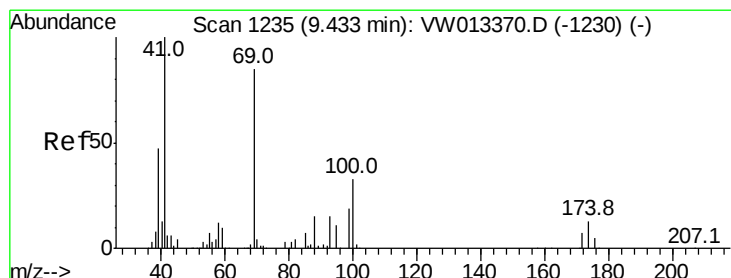
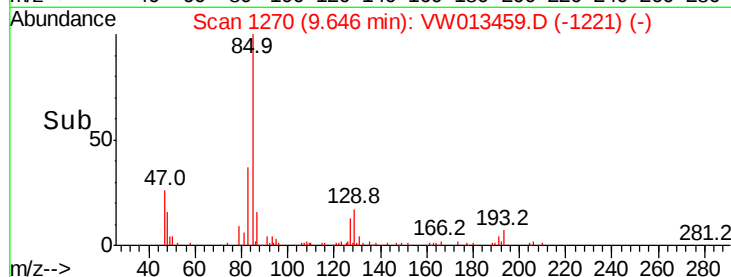
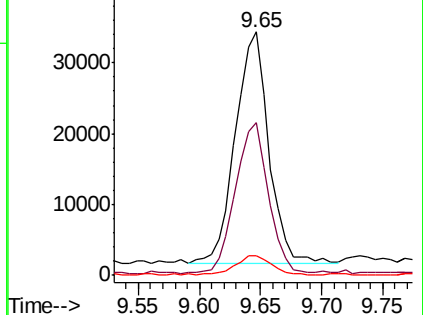
127 8.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 24.169 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

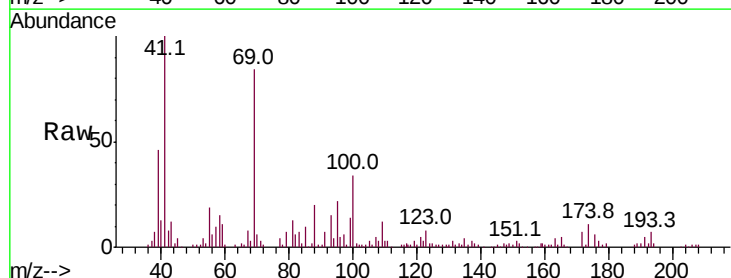
Tgt Ion: 41 Resp: 35359

Ion Ratio Lower Upper

41 100

69 92.7 69.7 104.5

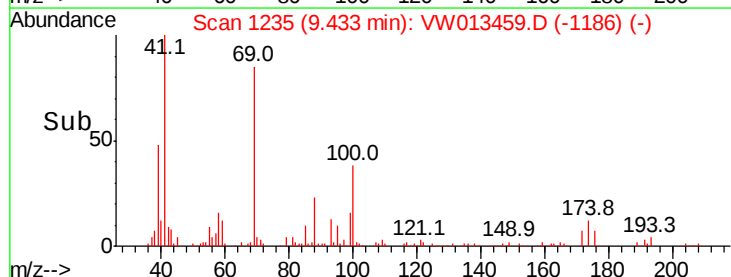
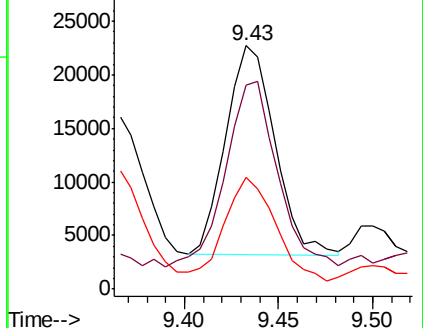
39 53.0 41.1 61.7

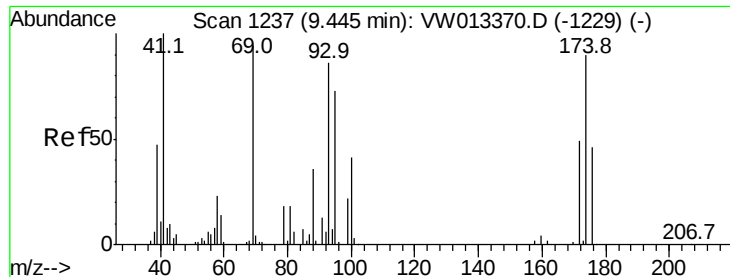


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 685.939 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

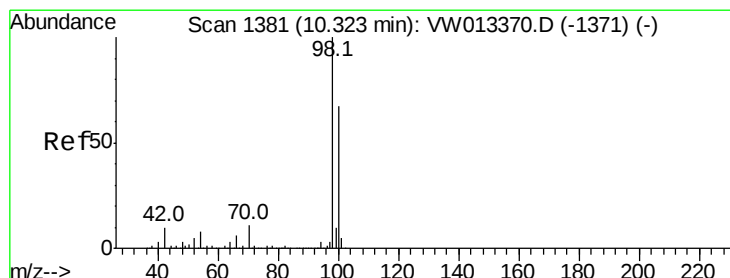
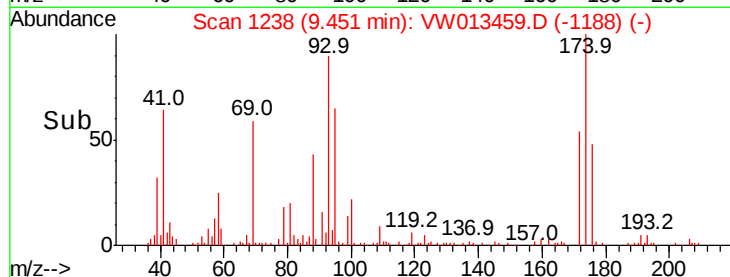
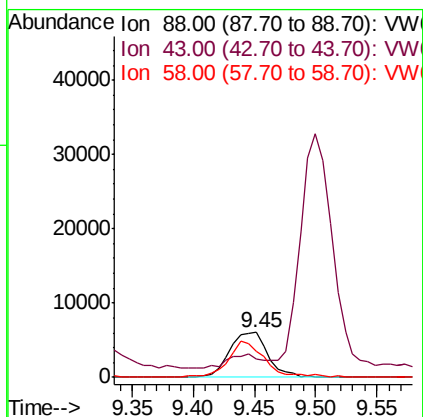
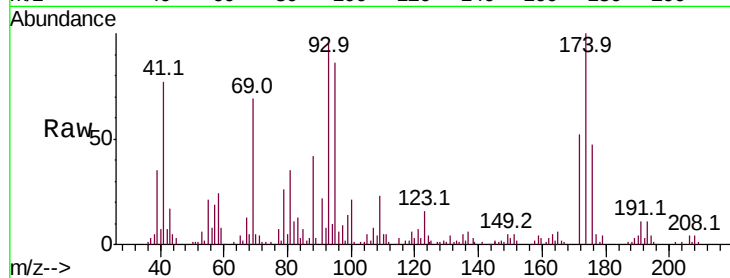
Tot Ion: 88 Resp: 13252

Ion Ratio Lower Upper

88 100

43 27.9 0.0 0.0#

58 77.1 65.4 98.0



#50

Toluene-d8

Concen: 53.455 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013459.D

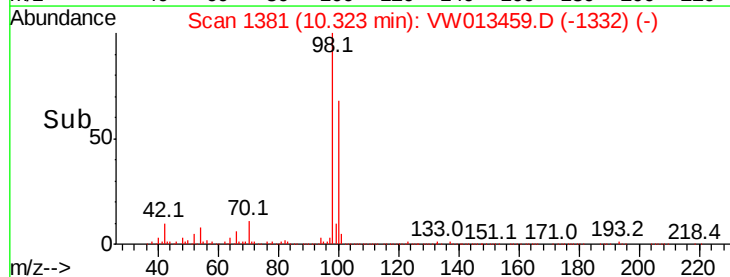
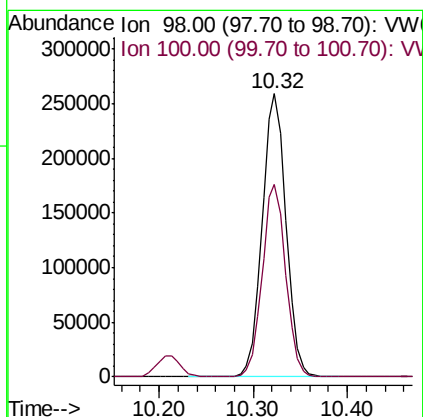
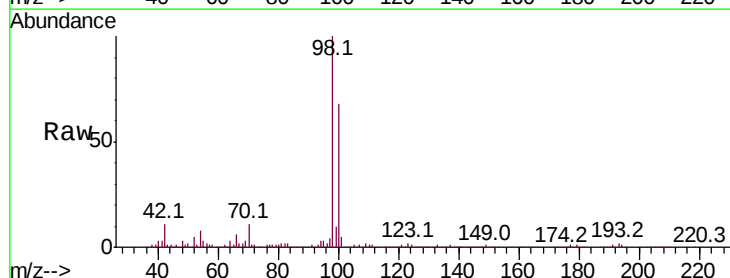
Acq: 07 Oct 2019 13:26

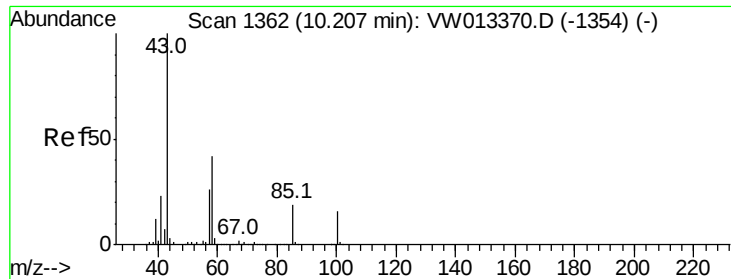
Tgt Ion: 98 Resp: 459372

Ion Ratio Lower Upper

98 100

100 67.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 131.143 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleID :

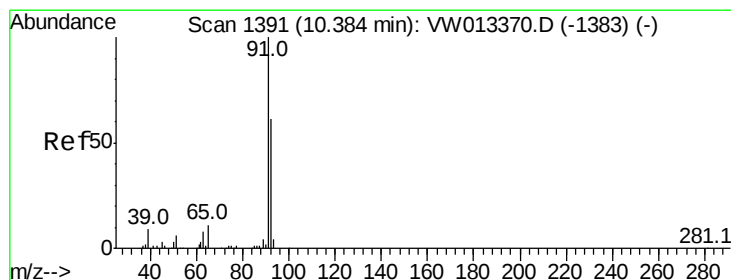
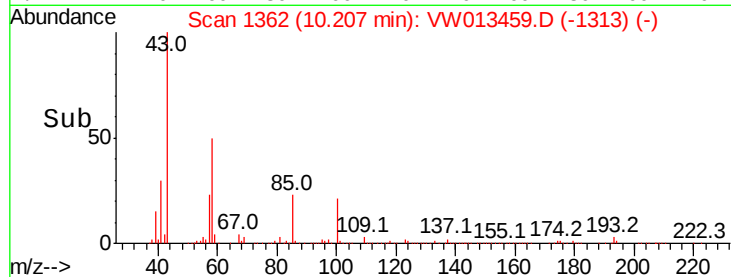
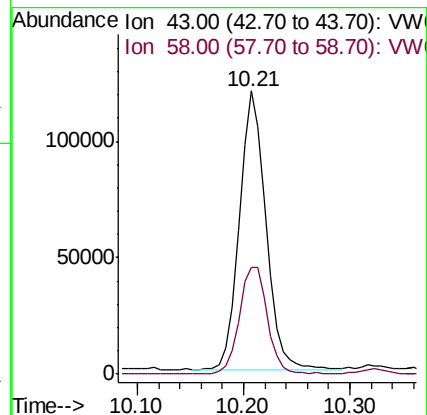
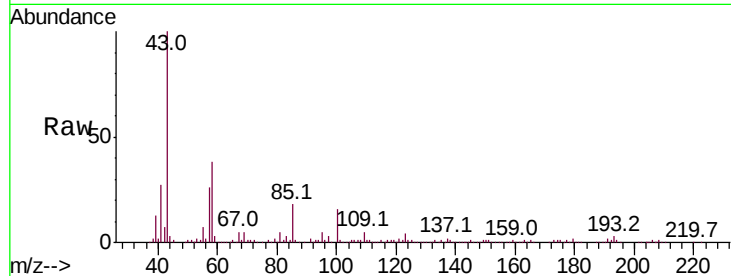
VW1007SBS01

Tot Ion: 43 Resp: 209795

Ion Ratio Lower Upper

43 100

58 40.9 31.7 47.5



#52

Toluene

Concen: 19.856 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013459.D

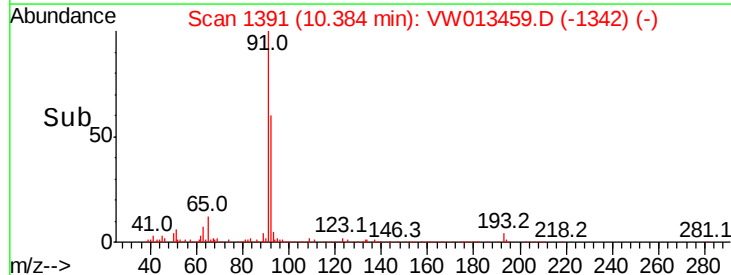
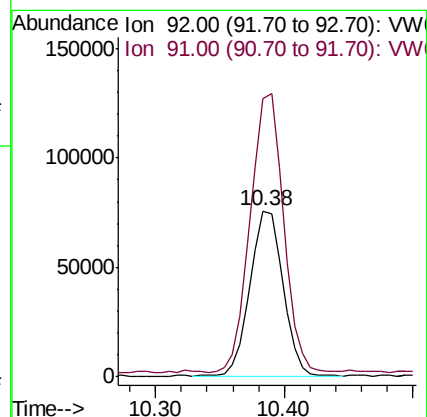
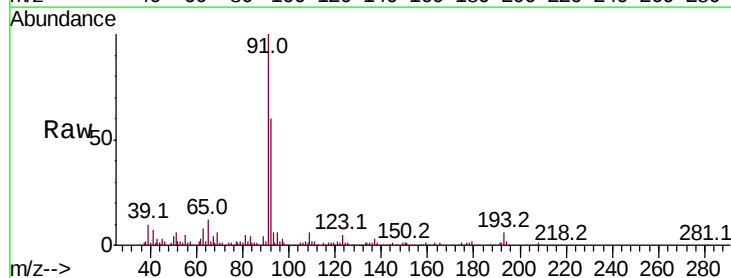
Acq: 07 Oct 2019 13:26

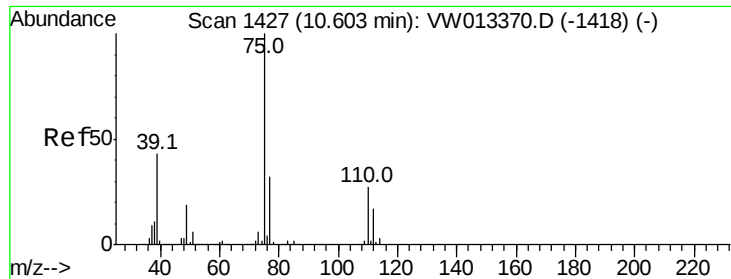
Tgt Ion: 92 Resp: 132896

Ion Ratio Lower Upper

92 100

91 170.3 135.7 203.5

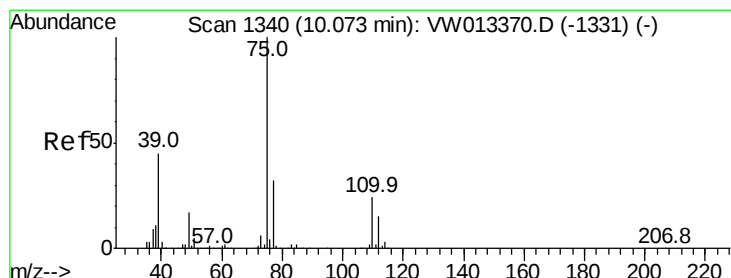
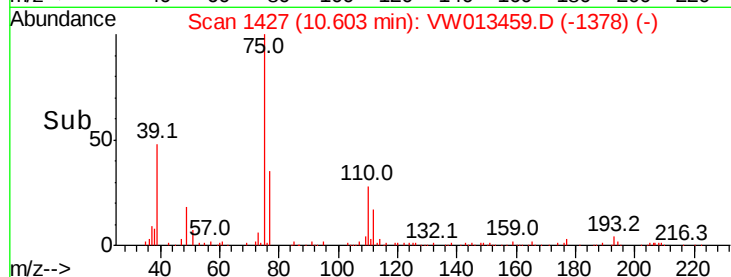
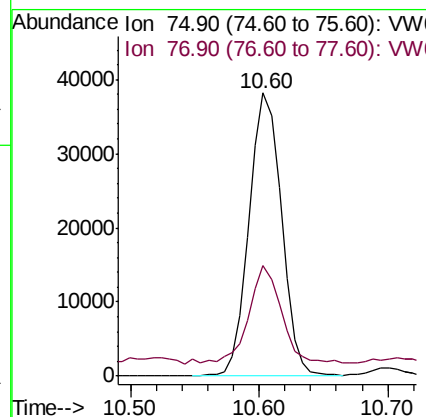
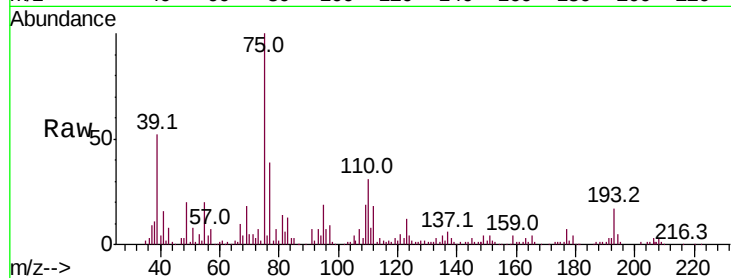




#53
 t-1,3-Dichloropropene
 Concen: 20.949 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

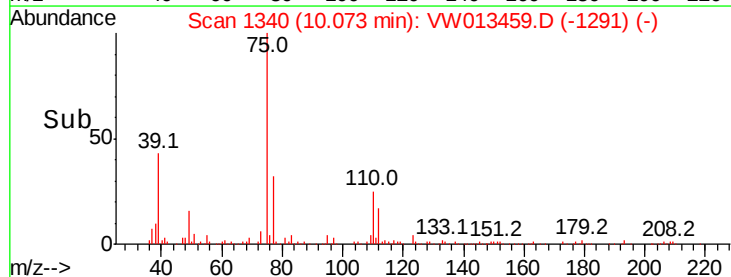
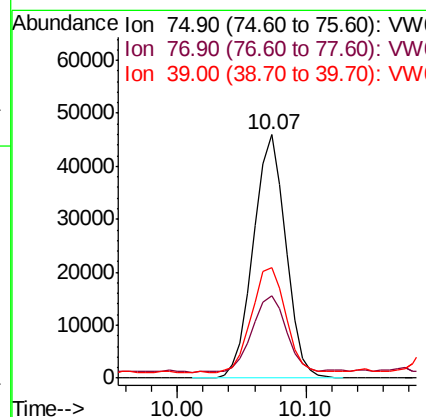
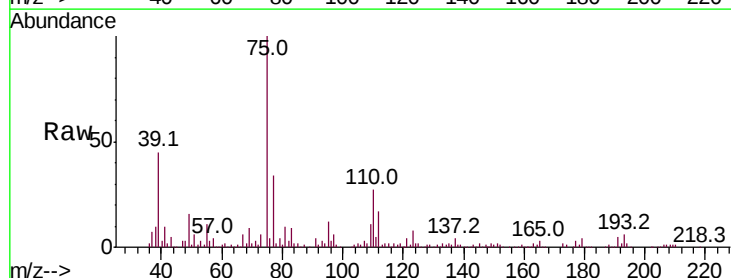
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

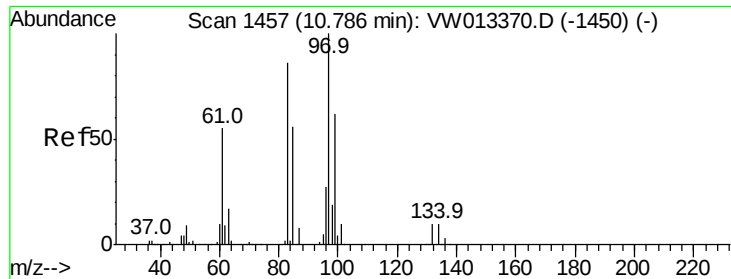
Tot Ion: 75 Resp: 66565
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.684 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Tgt Ion: 75 Resp: 79685
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 43.1 36.6 55.0



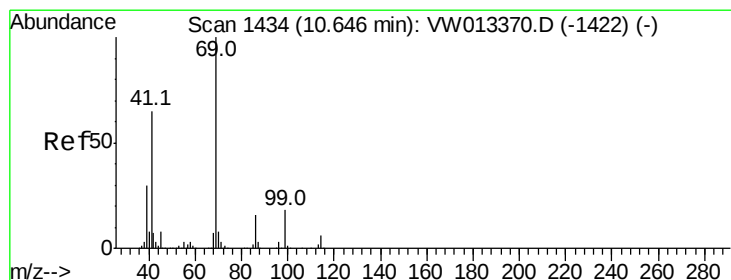
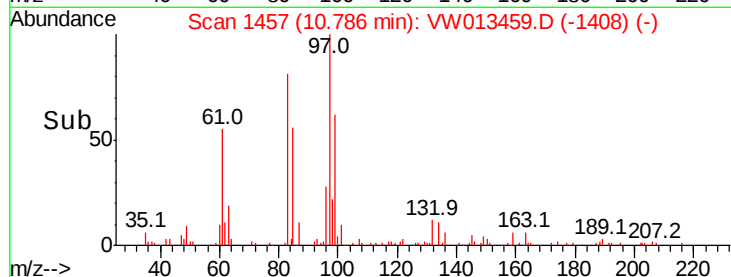
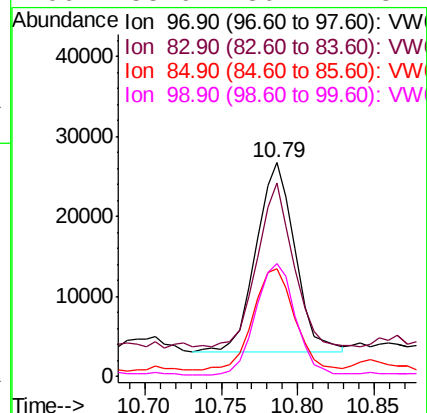
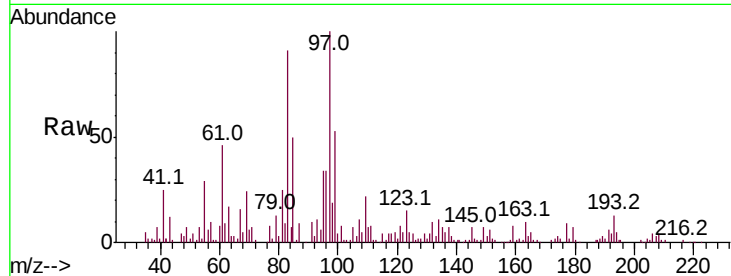


#55
 1,1,2-Trichloroethane
 Concen: 22.485 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Tot Ion: 97 Resp: 41624

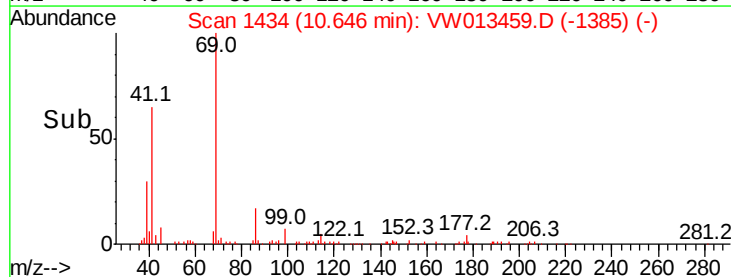
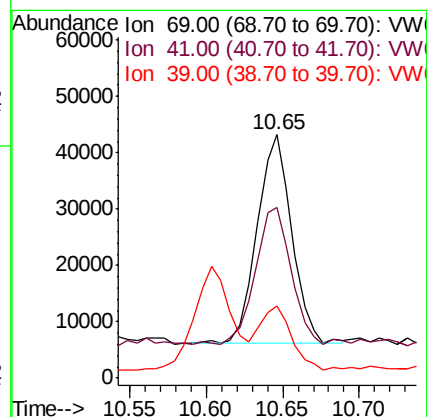
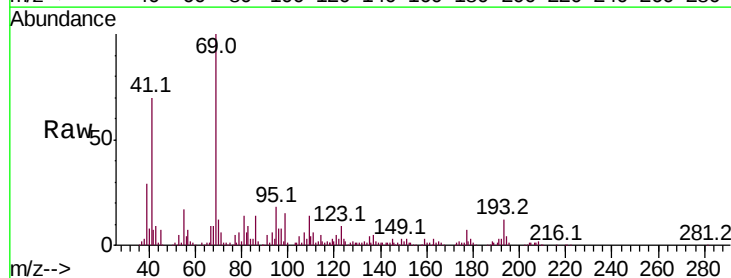
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.6	101.4
85	53.2	41.9	62.9
99	58.9	50.1	75.1

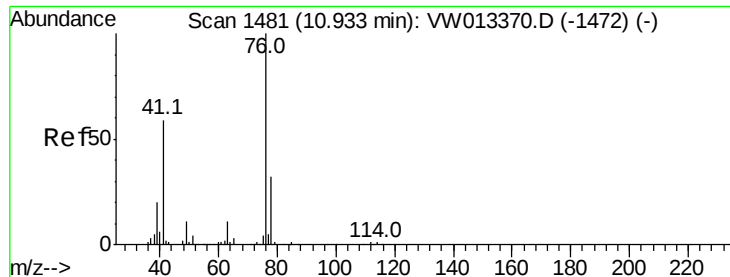


#56
 Ethyl methacrylate
 Concen: 23.334 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Tgt Ion: 69 Resp: 58140

Ion	Ratio	Lower	Upper
69	100		
41	68.2	53.9	80.9
39	27.5	23.8	35.6





#57

1,3-Dichloropropane

Concen: 21.769 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

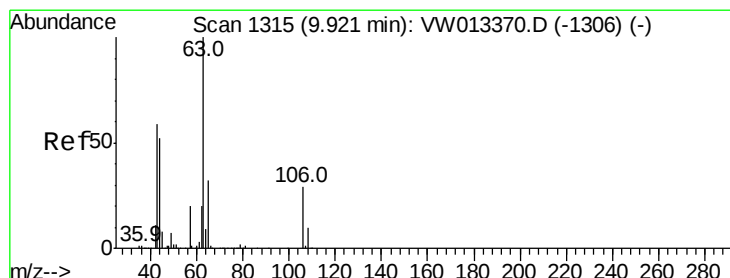
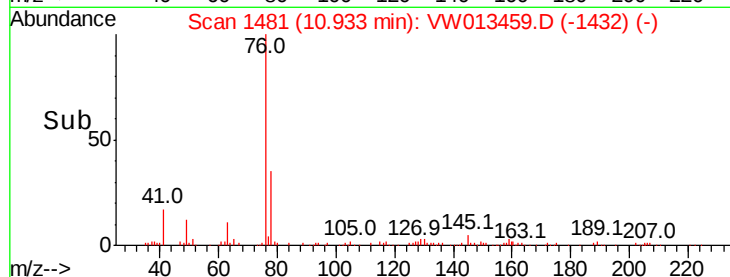
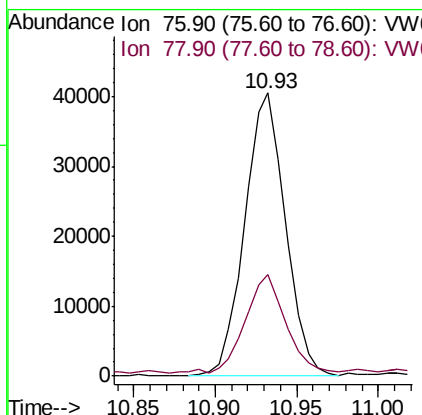
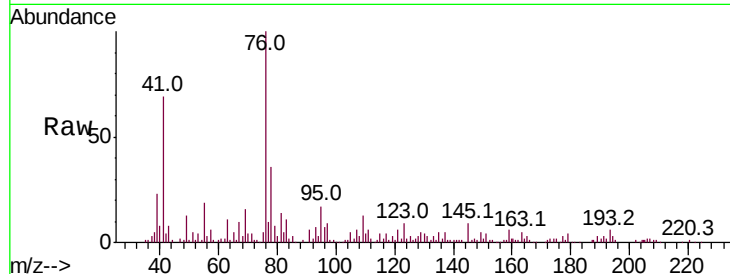
Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion: 76 Resp: 70057

Ion	Ratio	Lower	Upper
76	100		
78	34.6	25.5	38.3



#58

2-Chloroethyl Vinyl ether

Concen: 136.021 ug/l

RT: 9.92 min Scan# 1315

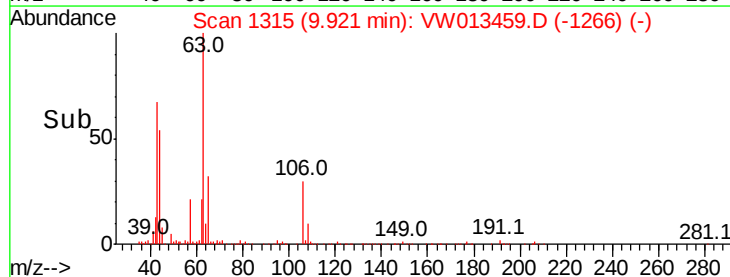
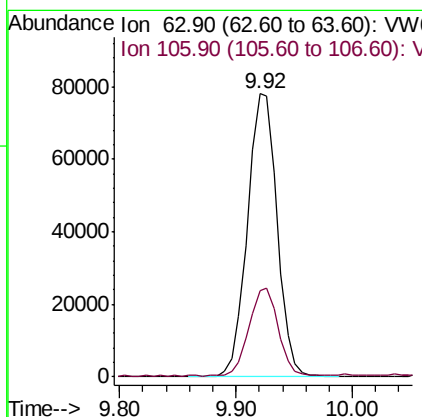
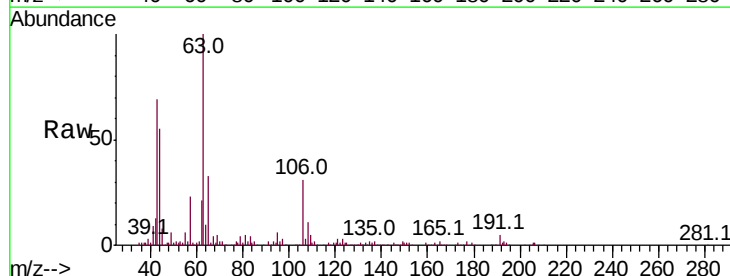
Delta R.T. -0.00 min

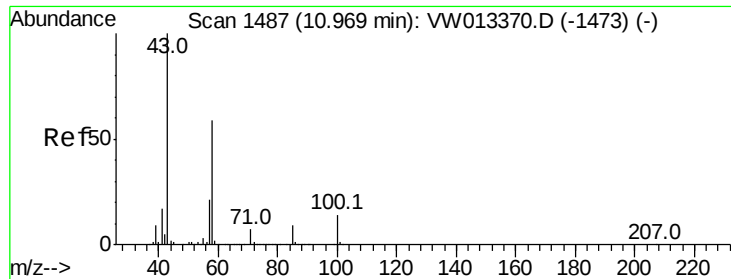
Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Tgt Ion: 63 Resp: 139222

Ion	Ratio	Lower	Upper
63	100		
106	30.4	23.4	35.0

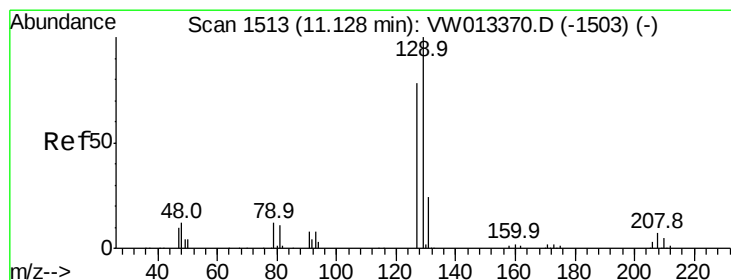
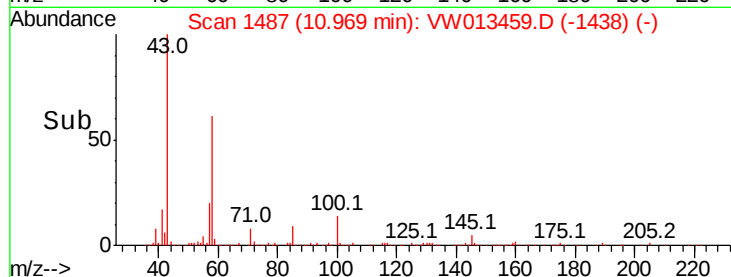
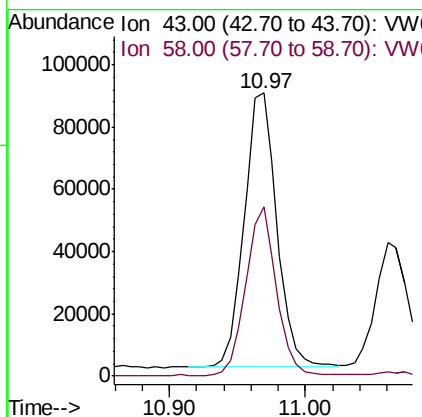
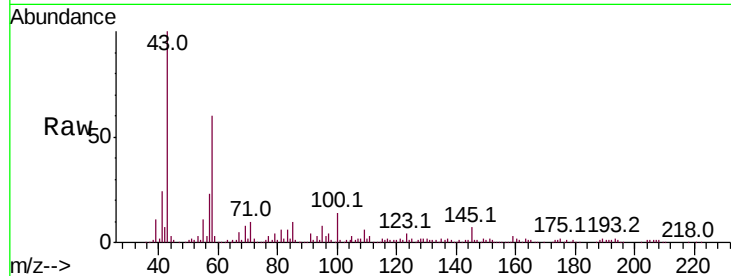




#59
2-Hexanone
Concen: 133.540 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

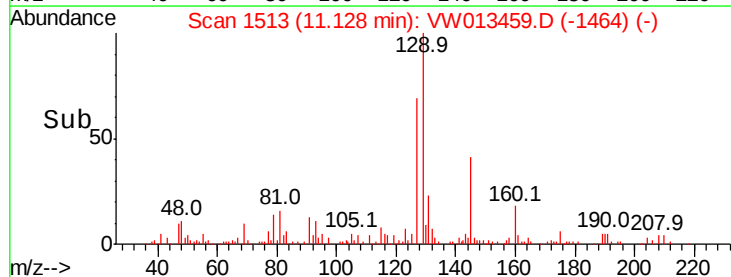
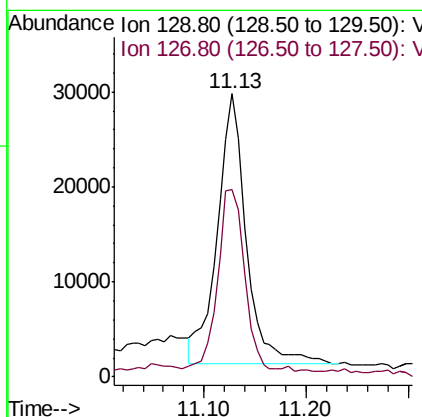
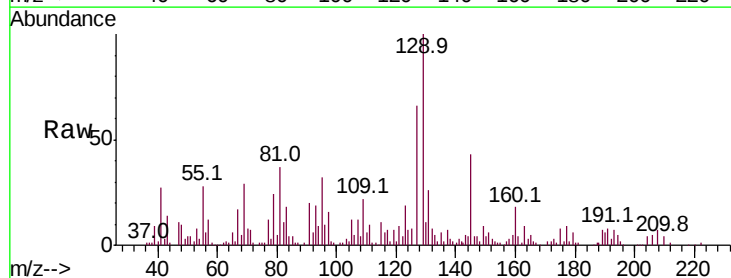
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

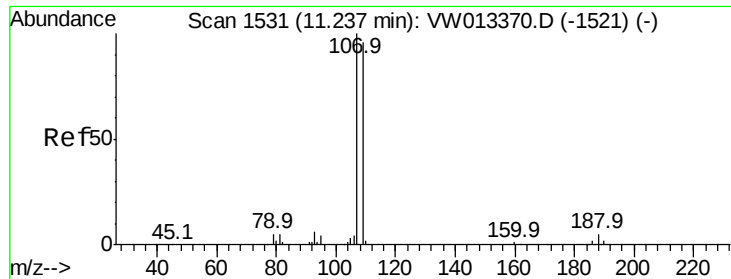
Tot Ion: 43 Resp: 148072
Ion Ratio Lower Upper
43 100
58 57.6 28.1 84.2



#60
Dibromochloromethane
Concen: 26.478 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion: 129 Resp: 56075
Ion Ratio Lower Upper
129 100
127 61.1 38.8 116.4





#61

1,2-Dibromoethane

Concen: 21.481 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

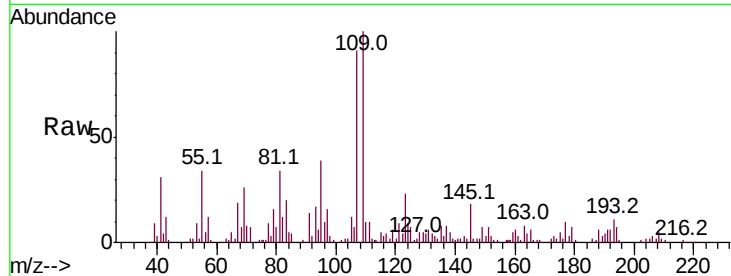
VW1007SBSD01

Tot Ion:107 Resp: 38425

Ion Ratio Lower Upper

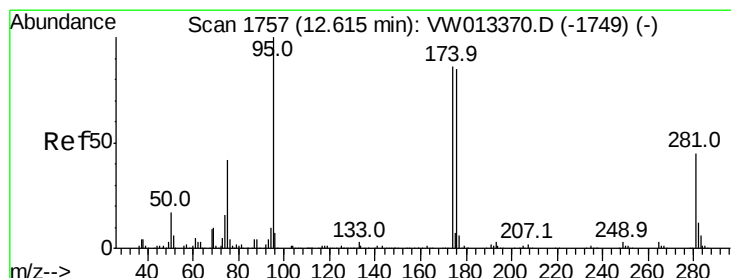
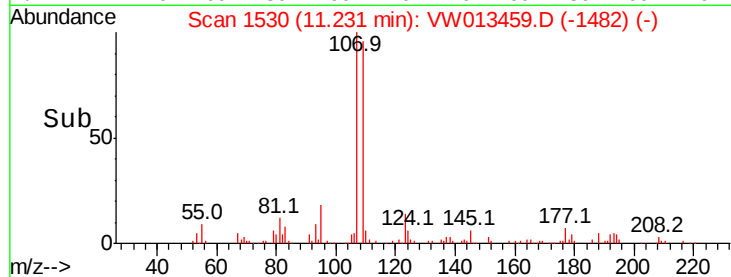
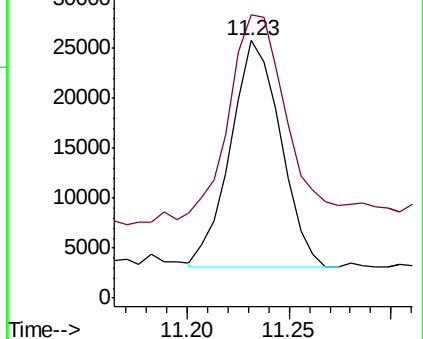
107 100

109 117.5 75.2 112.8#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 124.355 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

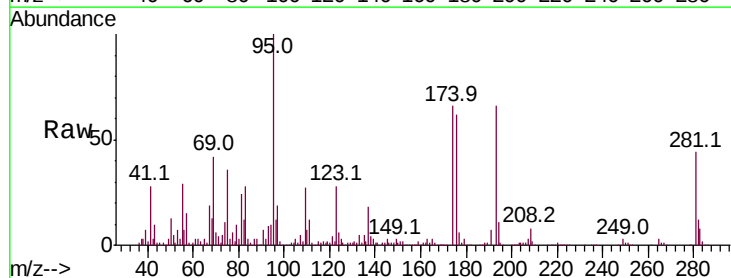
Tgt Ion: 95 Resp: 356868

Ion Ratio Lower Upper

95 100

174 42.5 0.0 178.4

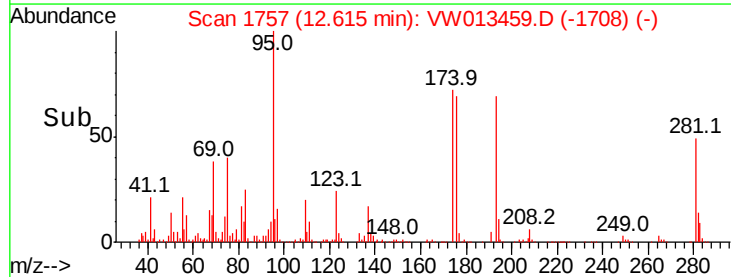
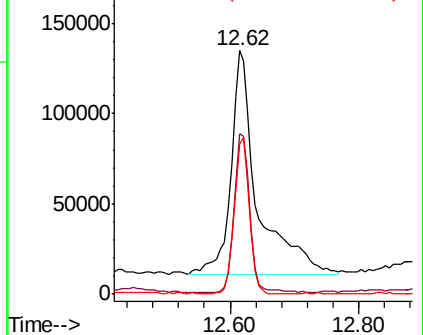
176 40.5 0.0 172.2

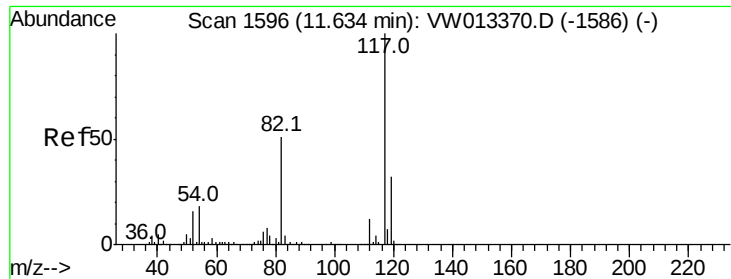


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

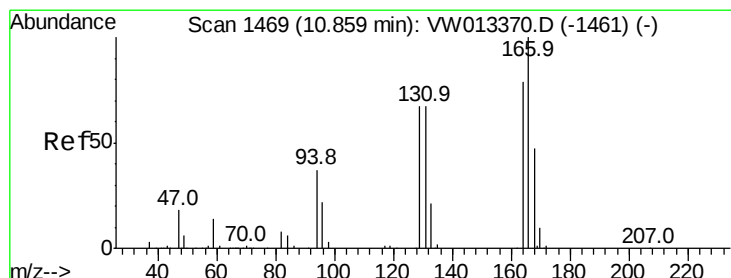
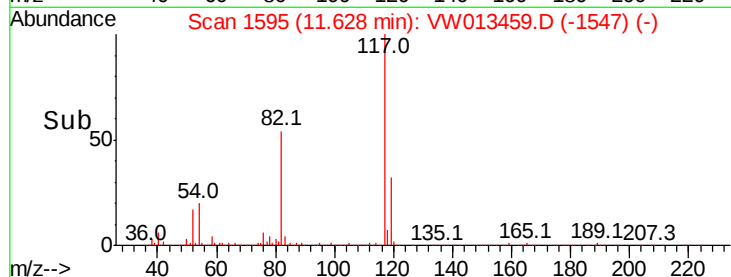
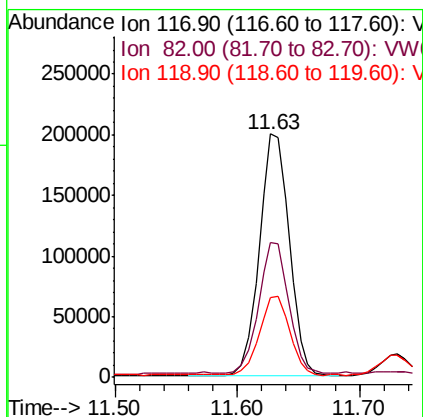
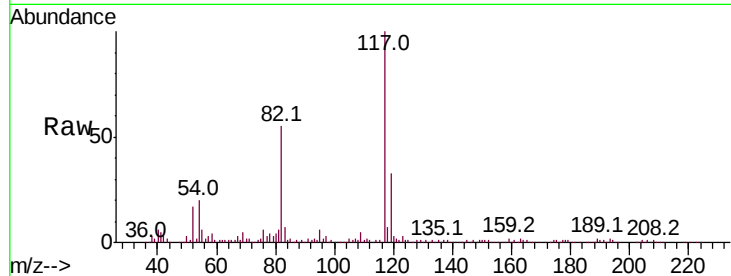




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

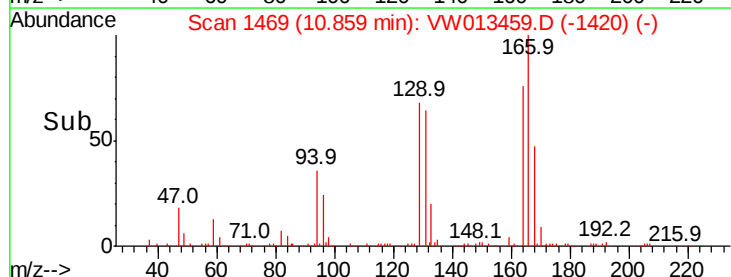
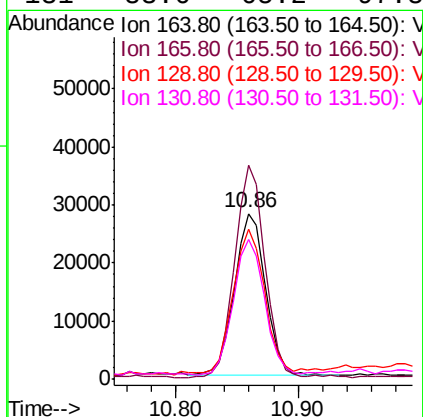
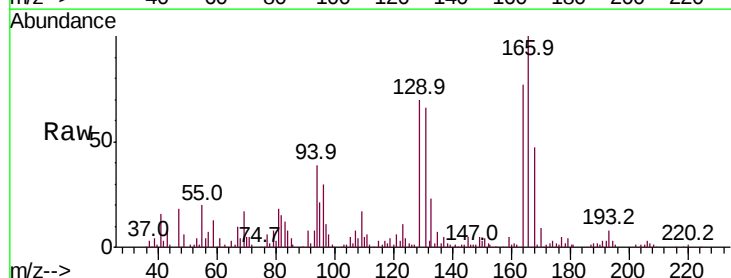
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

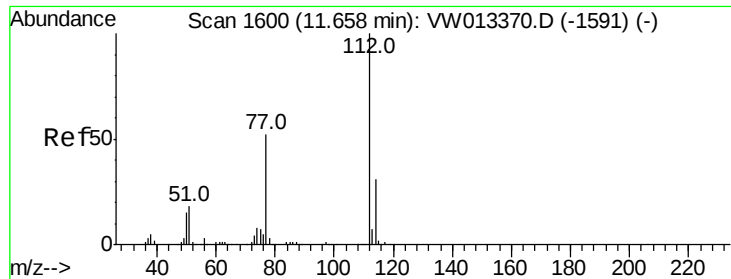
Tot Ion:117 Resp: 340949
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 18.981 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion:164 Resp: 49236
Ion Ratio Lower Upper
164 100
166 130.9 101.2 151.8
129 88.4 68.8 103.2
131 83.6 65.2 97.8

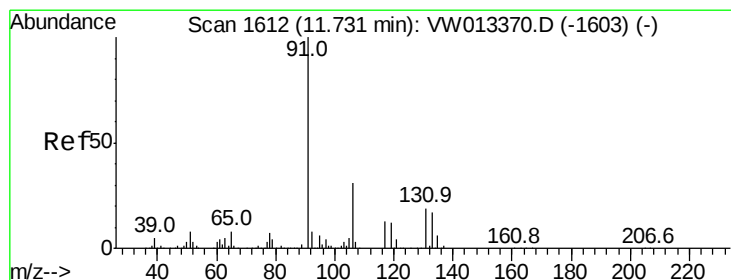
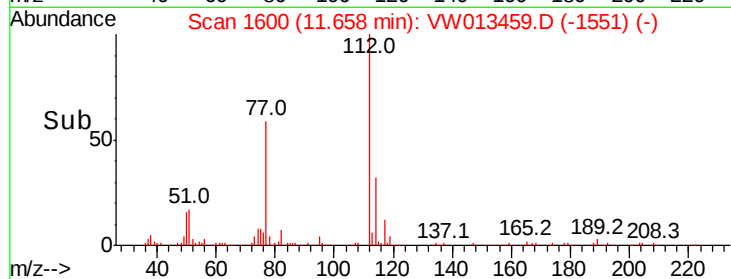
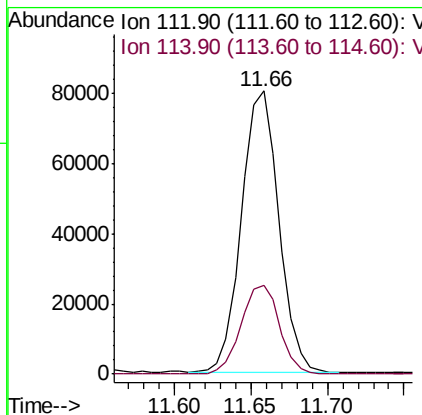
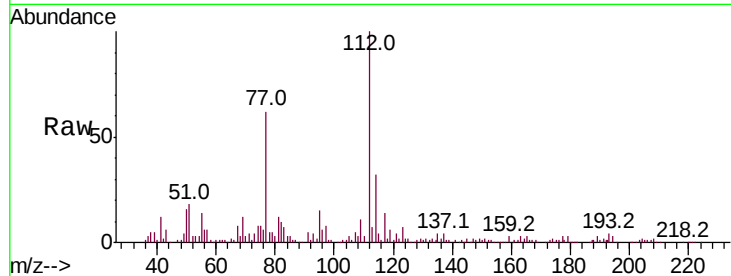




#65
Chlorobenzene
Concen: 19.436 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

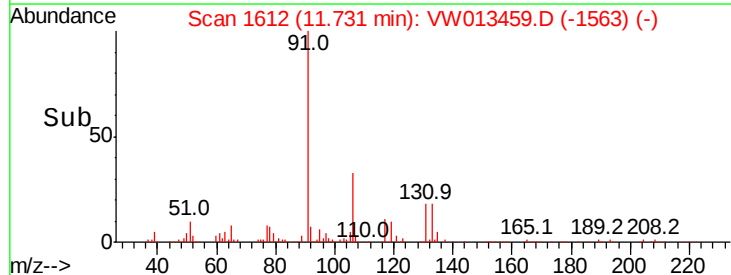
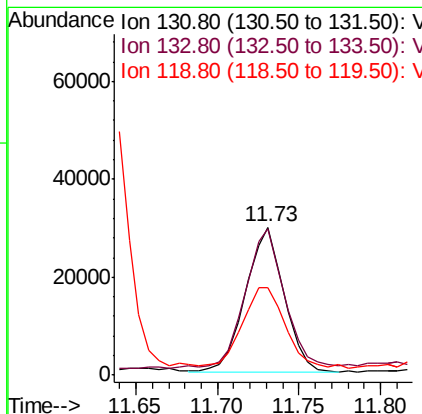
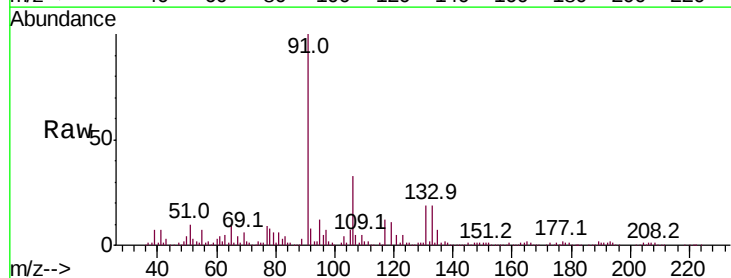
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

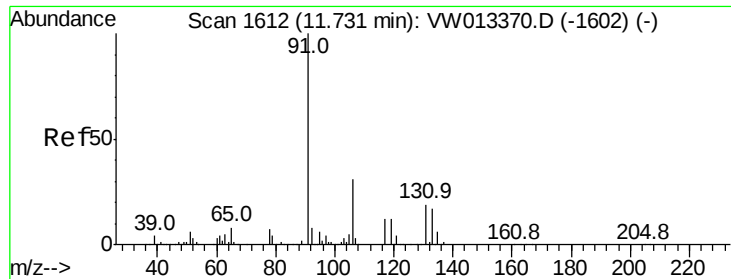
Tot Ion:112 Resp: 135758
Ion Ratio Lower Upper
112 100
114 31.8 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.310 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion:131 Resp: 48318
Ion Ratio Lower Upper
131 100
133 99.2 47.5 142.6
119 61.9 32.5 97.5





#67

Ethyl Benzene

Concen: 19.932 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

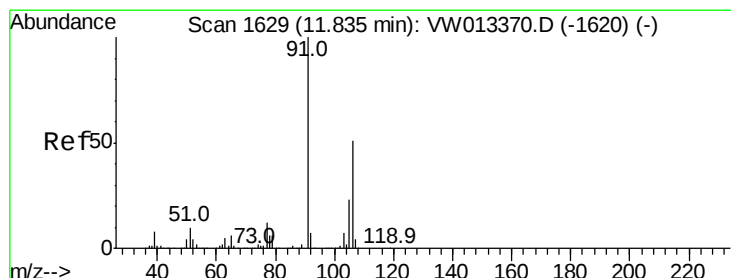
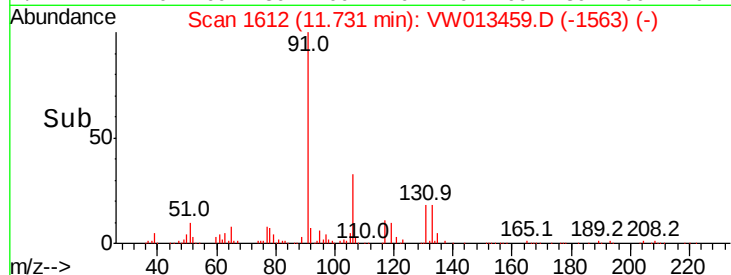
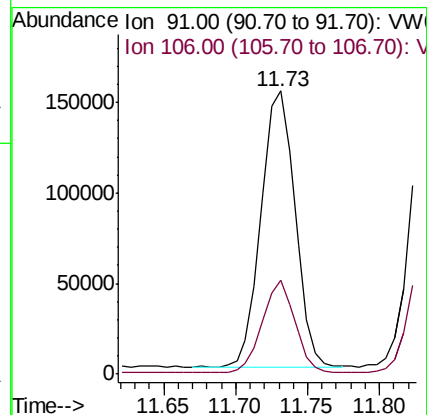
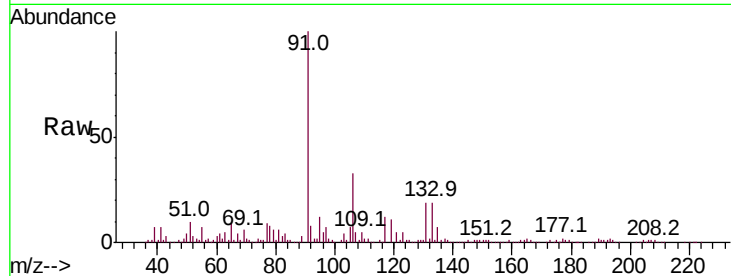
VW1007SBSD01

Tot Ion: 91 Resp: 249520

Ion Ratio Lower Upper

91 100

106 33.5 24.9 37.3



#68

m/p-Xylenes

Concen: 39.695 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW013459.D

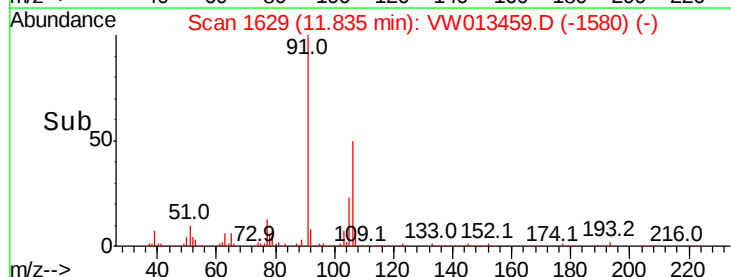
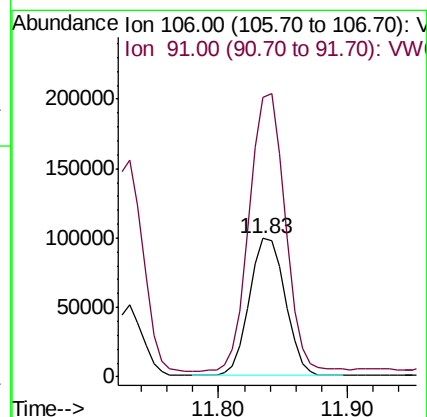
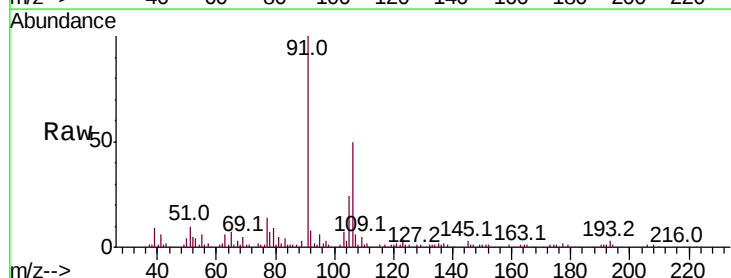
Acq: 07 Oct 2019 13:26

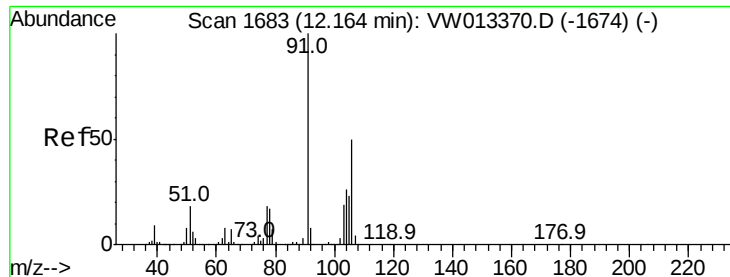
Tgt Ion: 106 Resp: 191813

Ion Ratio Lower Upper

106 100

91 200.4 157.9 236.9

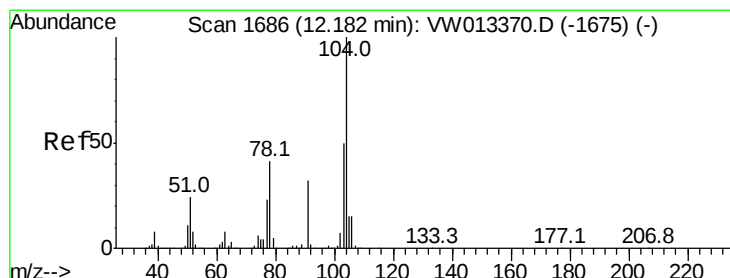
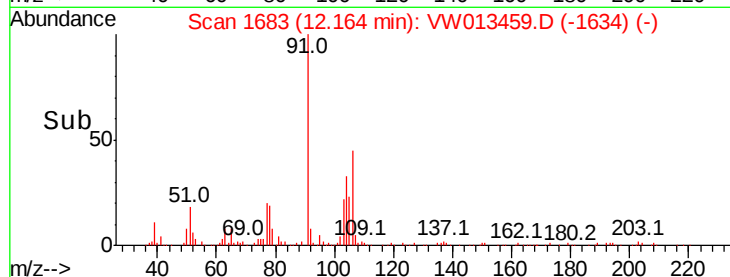
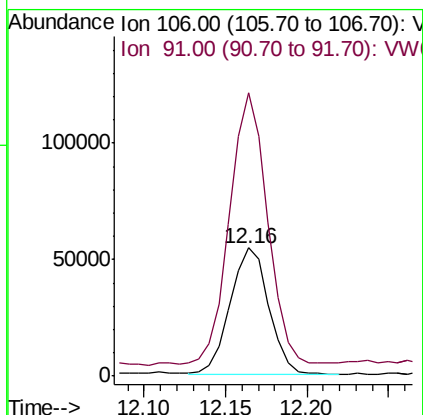
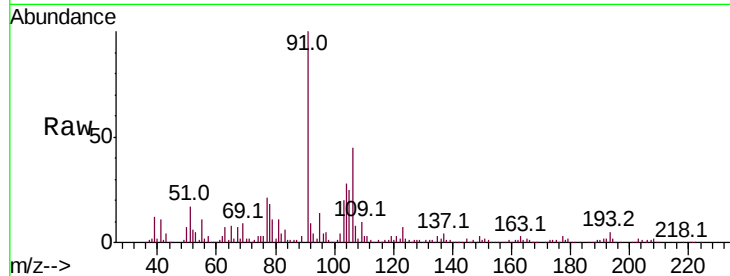




#69
o-Xylene
Concen: 19.889 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

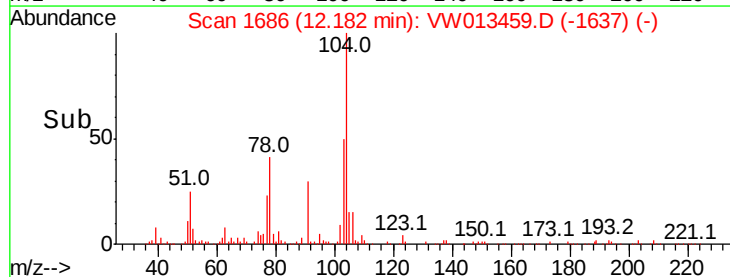
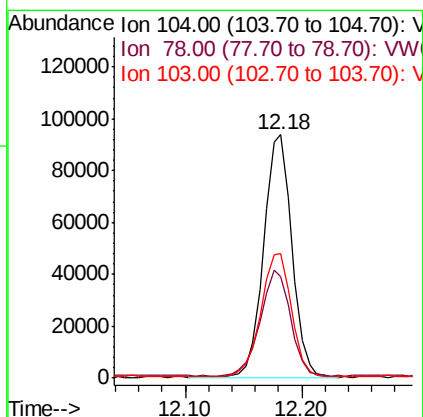
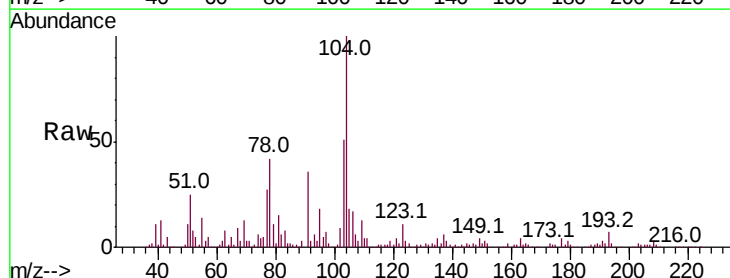
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

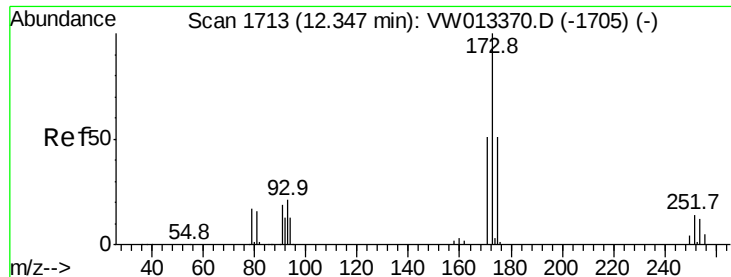
Tot Ion:106 Resp: 88858
Ion Ratio Lower Upper
106 100
91 214.2 106.5 319.5



#70
Styrene
Concen: 20.664 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion:104 Resp: 157816
Ion Ratio Lower Upper
104 100
78 46.9 38.4 57.6
103 54.9 43.3 64.9





#71

Bromoform

Concen: 24.174 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

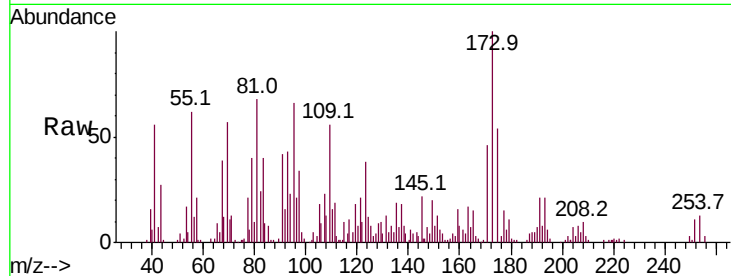
Tot Ion:173 Resp: 31181

Ion Ratio Lower Upper

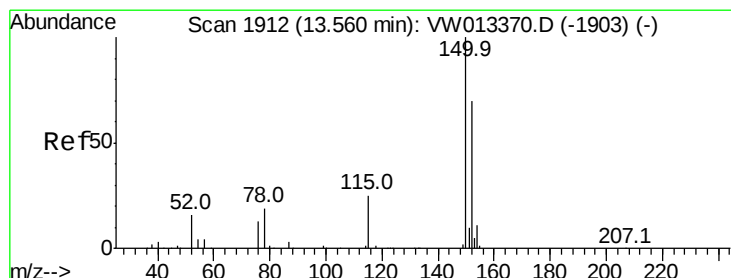
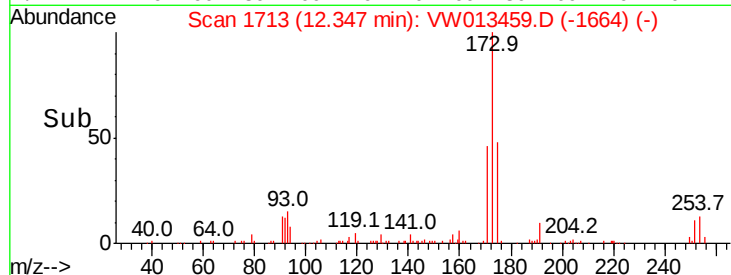
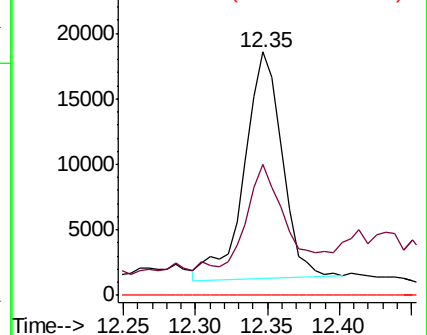
173 100

175 42.2 24.3 73.0

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

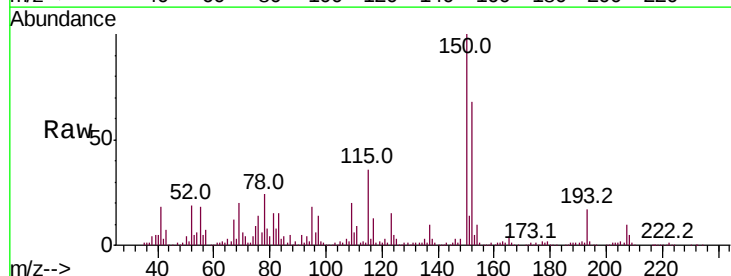
Tgt Ion:152 Resp: 198016

Ion Ratio Lower Upper

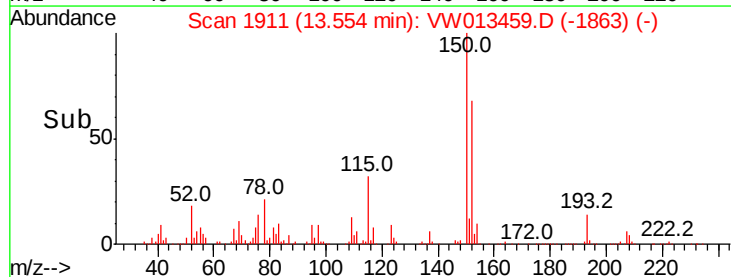
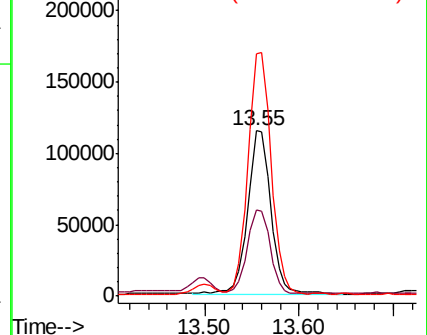
152 100

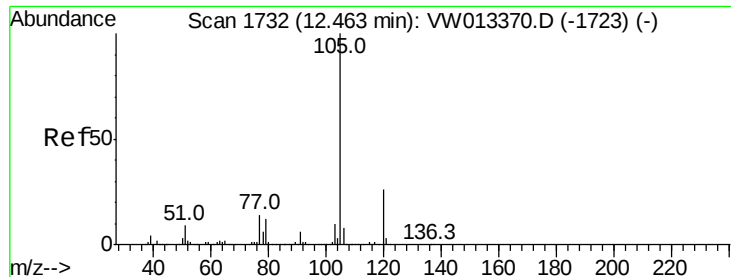
115 49.5 27.3 81.9

150 146.3 0.0 349.0



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





#73

Isopropylbenzene

Concen: 17.770 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

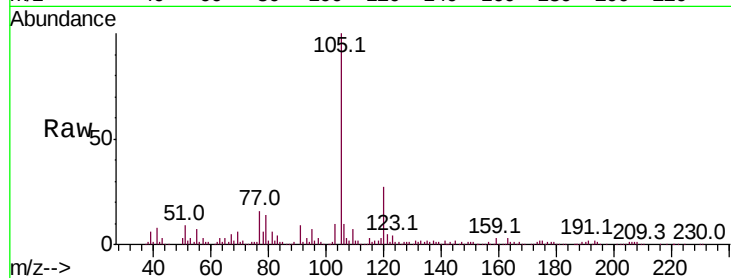
VW1007SBSD01

Tot Ion:105 Resp: 257392

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

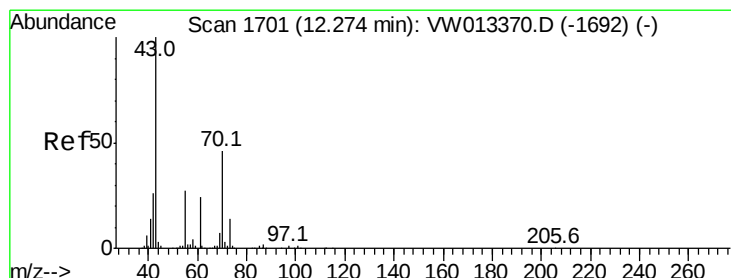
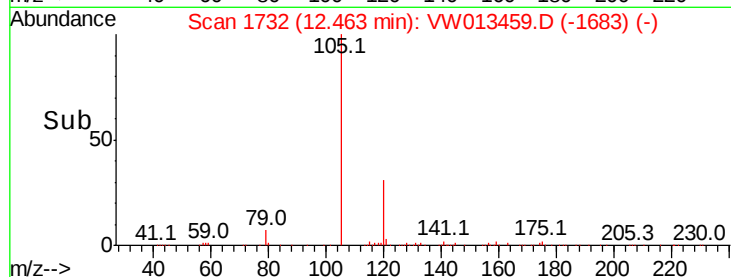
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 23.234 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Tgt Ion: 43 Resp: 71621

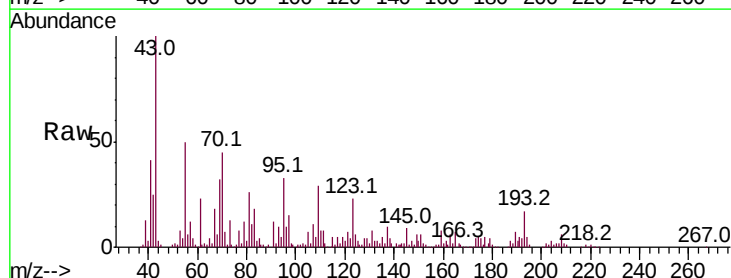
Ion Ratio Lower Upper

43 100

70 44.9 35.1 52.7

55 37.0 19.9 29.9#

61 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

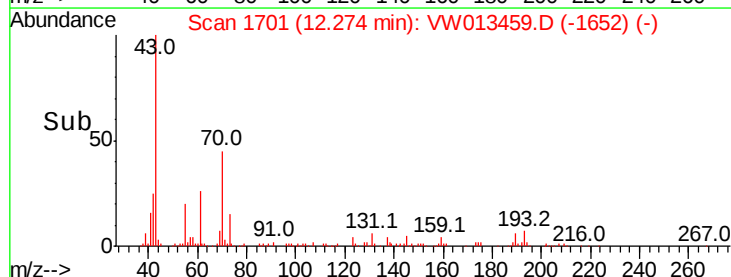
60000

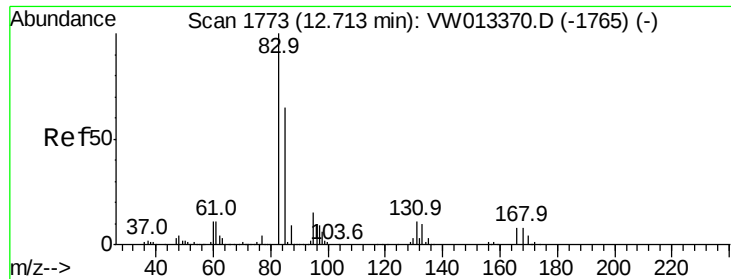
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 32.150 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

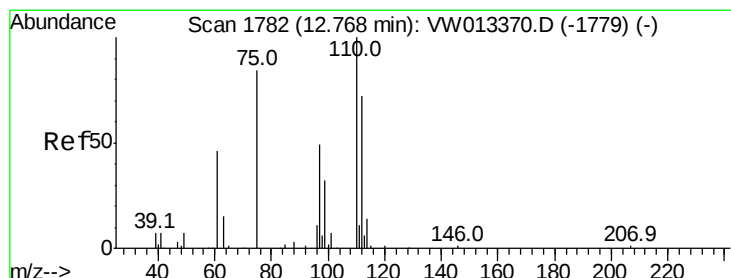
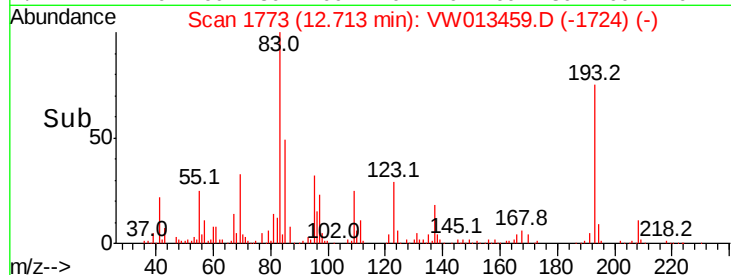
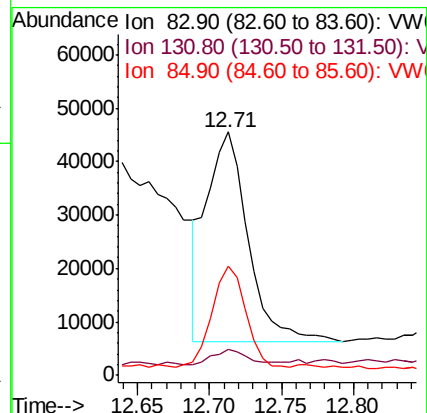
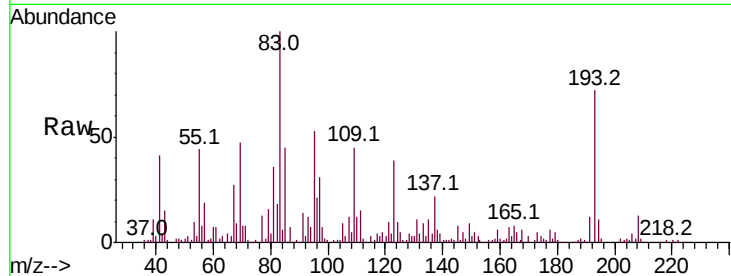
Tot Ion: 83 Resp: 78819

Ion Ratio Lower Upper

83 100

131 6.2 5.4 16.2

85 39.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 35.919 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013459.D

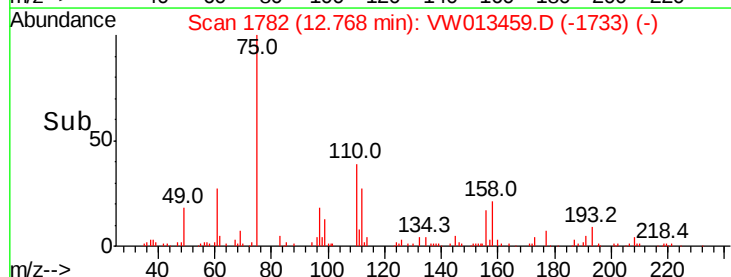
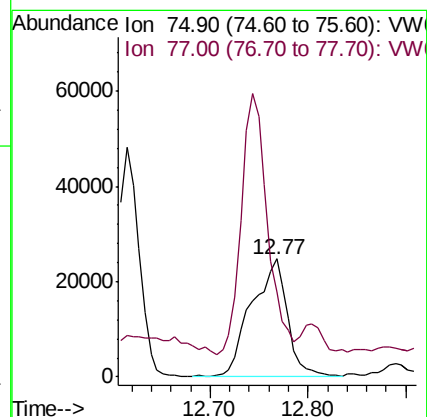
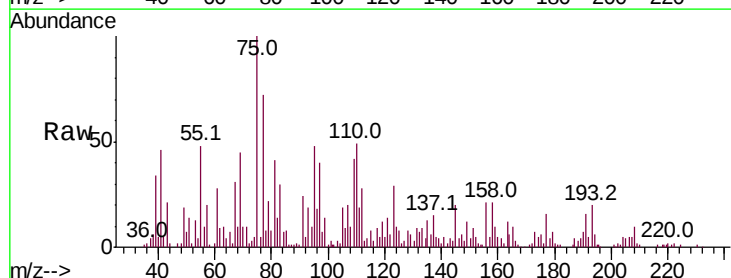
Acq: 07 Oct 2019 13:26

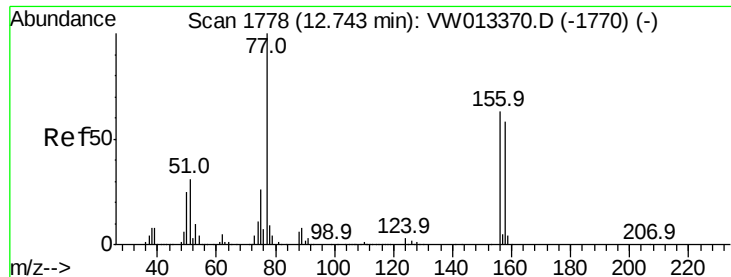
Tgt Ion: 75 Resp: 63214

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.468 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

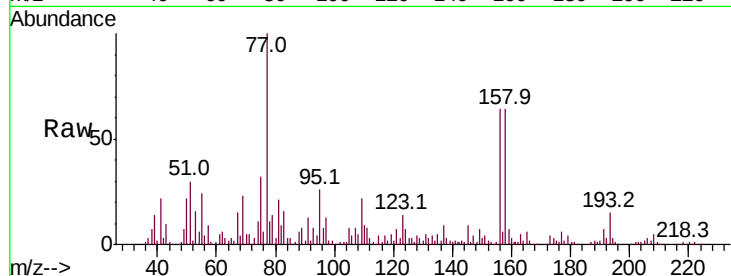
Tot Ion:156 Resp: 60754

Ion Ratio Lower Upper

156 100

77 169.3 85.7 257.1

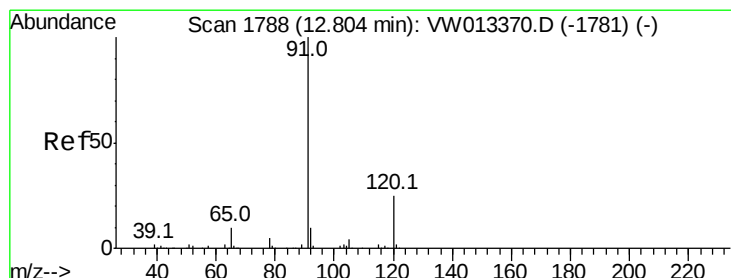
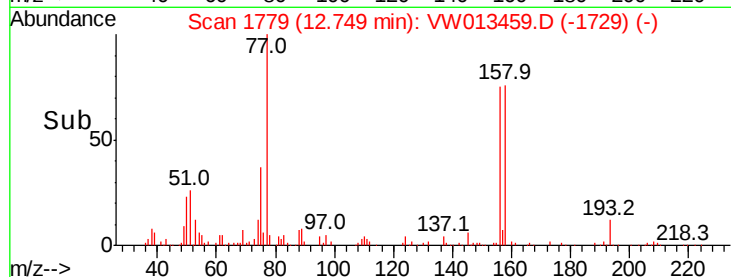
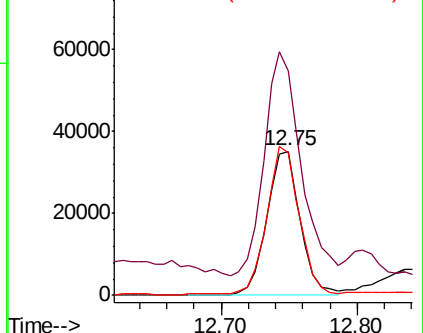
158 98.2 48.1 144.4



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: 17.247 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013459.D

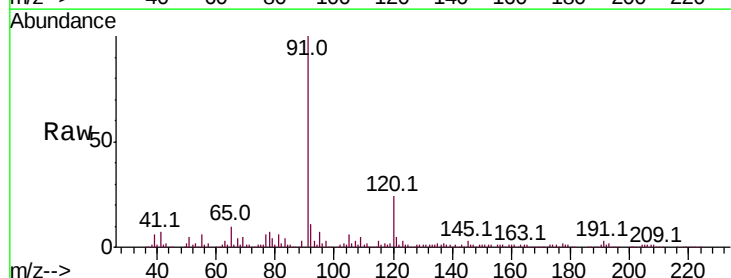
Acq: 07 Oct 2019 13:26

Tgt Ion: 91 Resp: 287362

Ion Ratio Lower Upper

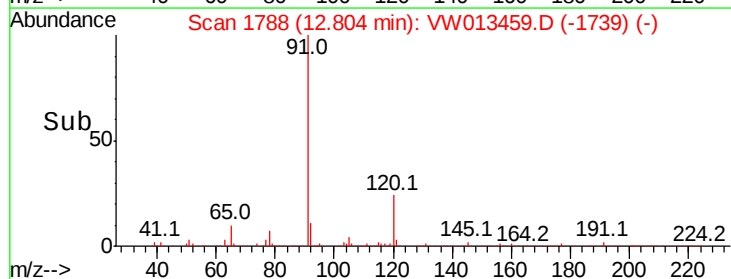
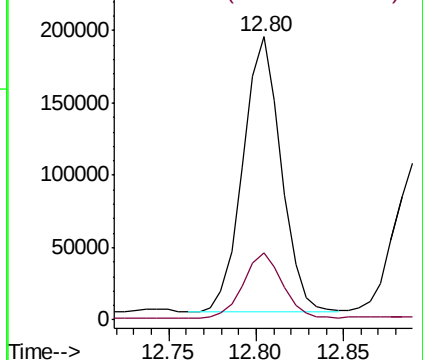
91 100

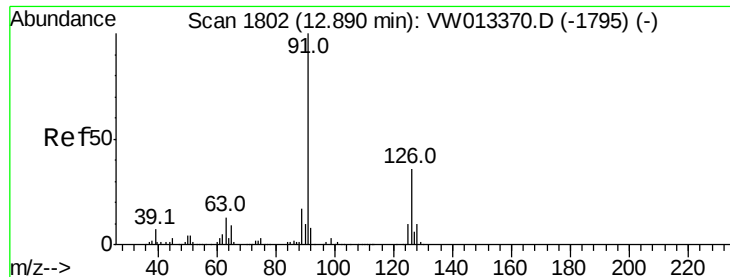
120 24.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.169 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

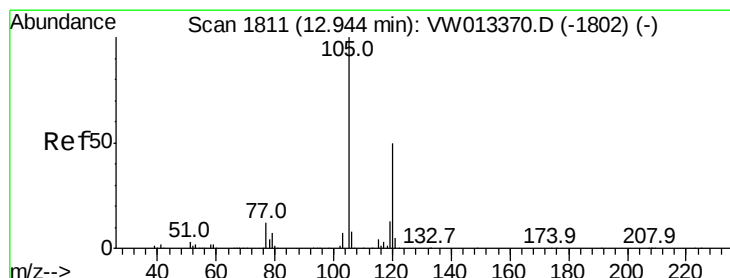
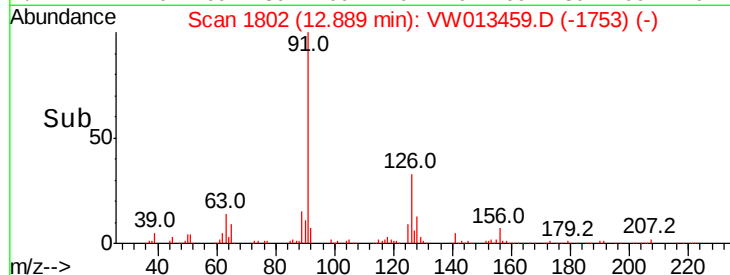
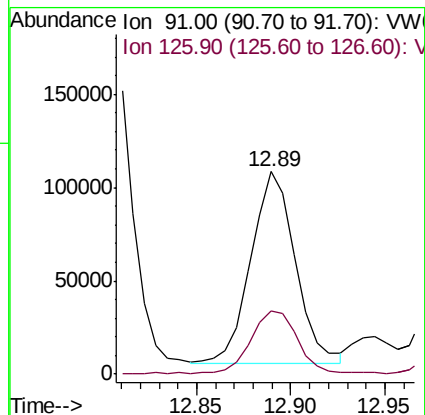
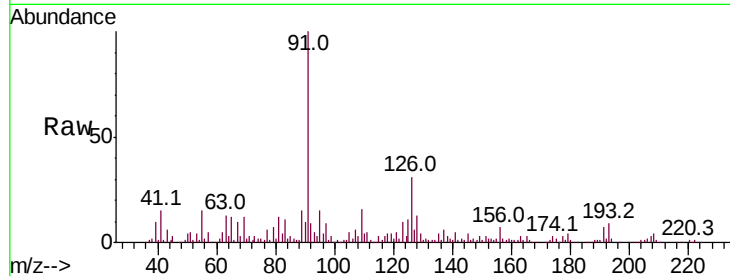
VW1007SBSD01

Tot Ion: 91 Resp: 168142

Ion Ratio Lower Upper

91 100

126 33.8 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 17.697 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013459.D

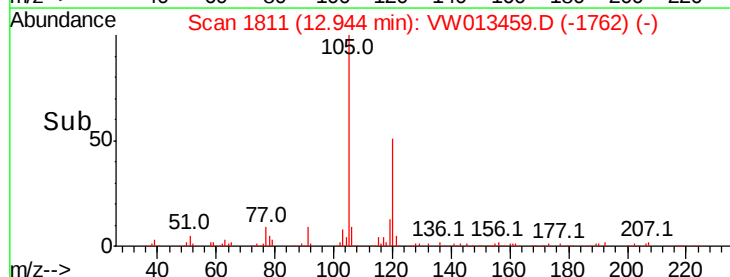
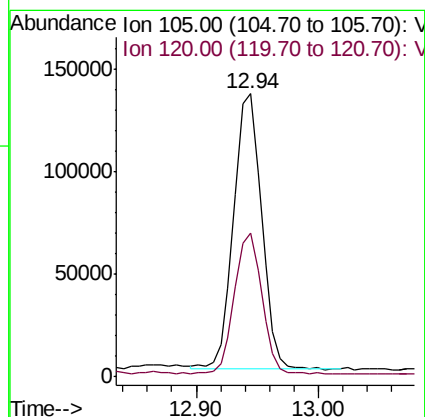
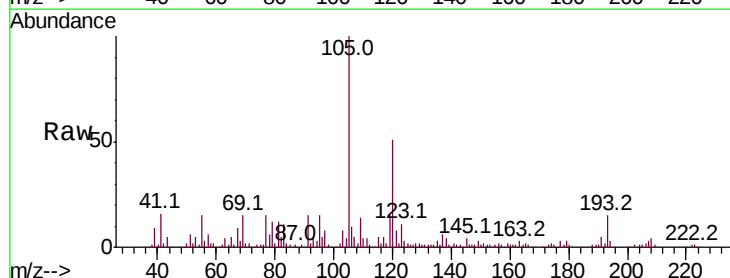
Acq: 07 Oct 2019 13:26

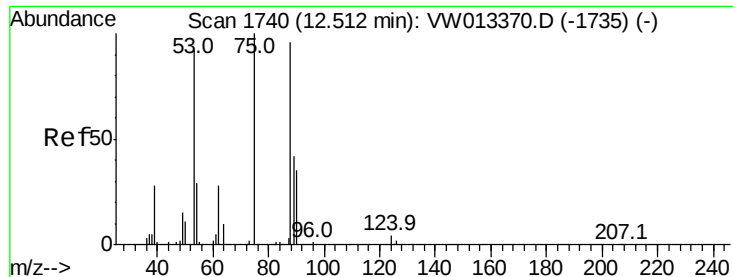
Tgt Ion:105 Resp: 212933

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.552 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

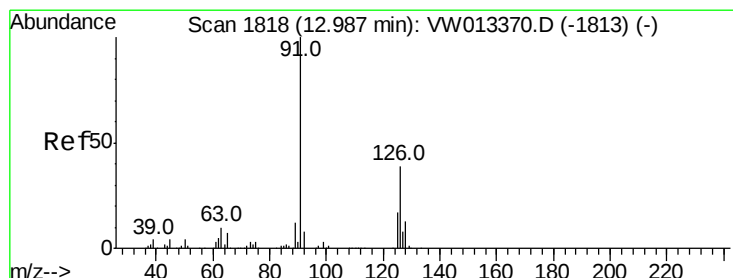
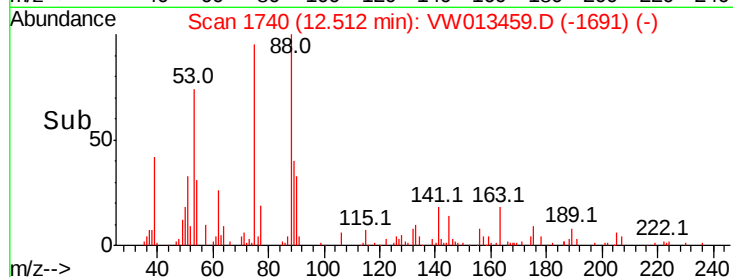
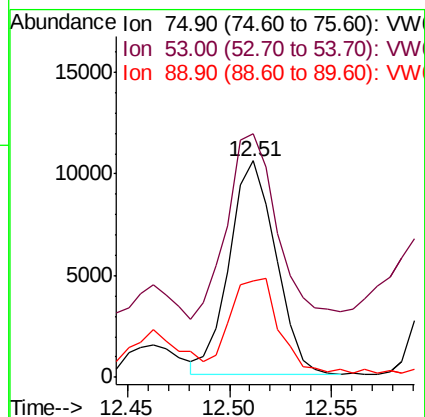
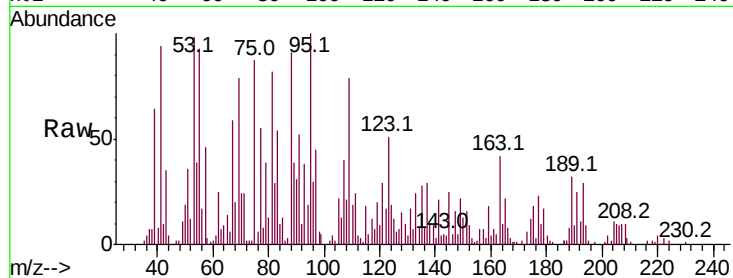
Tot Ion: 75 Resp: 16581

Ion Ratio Lower Upper

75 100

53 100.1 76.6 114.8

89 46.0 33.5 50.3



#82

4-Chlorotoluene

Concen: 17.837 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW013459.D

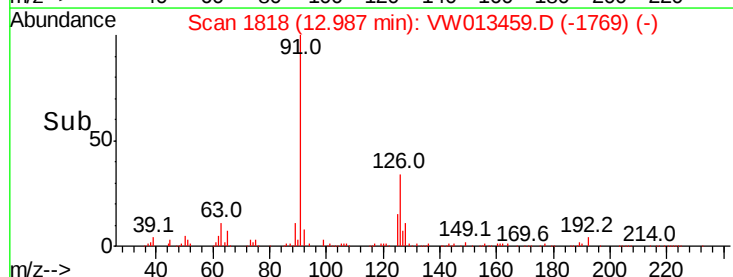
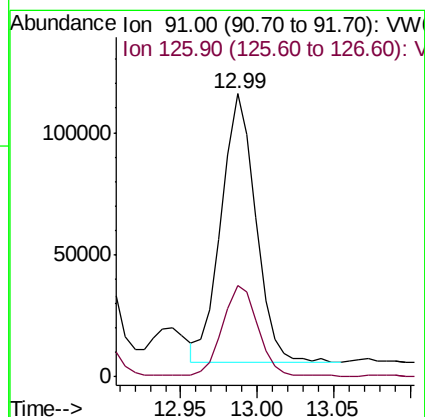
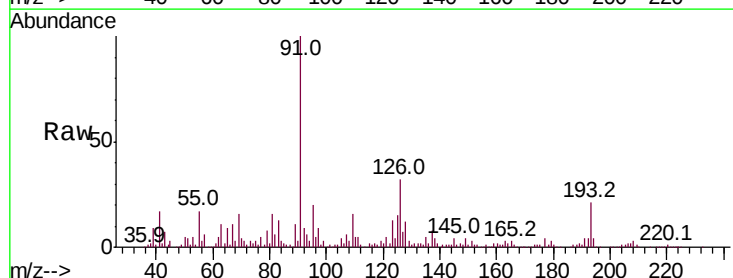
Acq: 07 Oct 2019 13:26

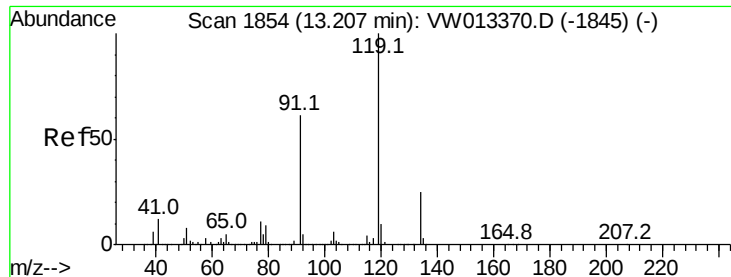
Tgt Ion: 91 Resp: 172914

Ion Ratio Lower Upper

91 100

126 35.7 17.3 51.7

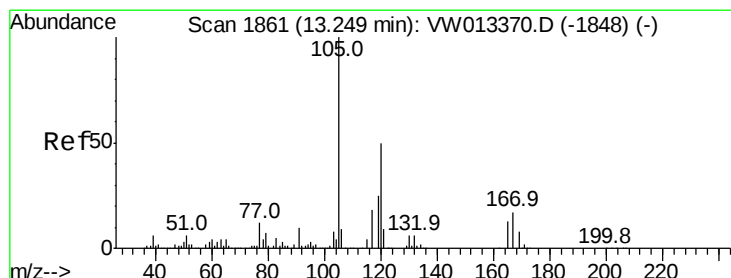
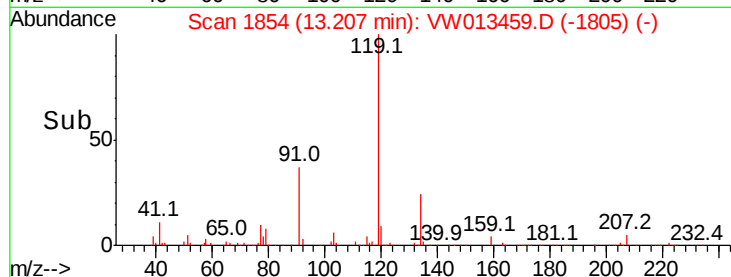
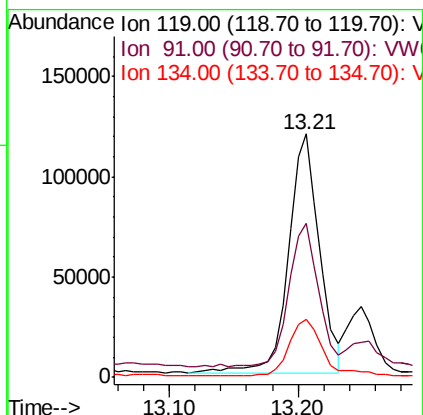
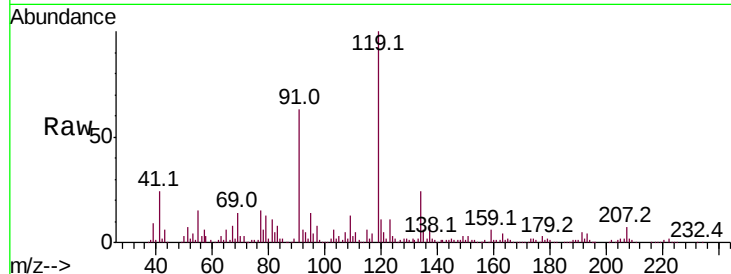




#83
tert-Butylbenzene
Concen: 18.979 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

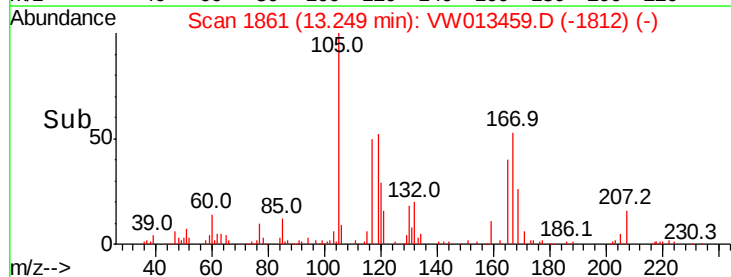
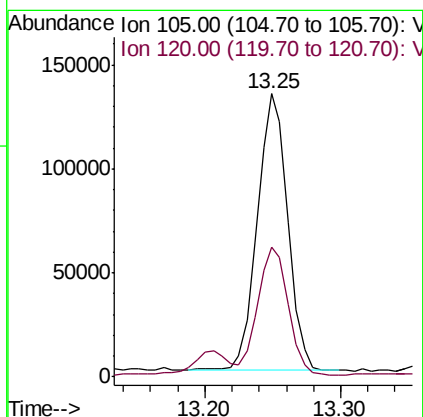
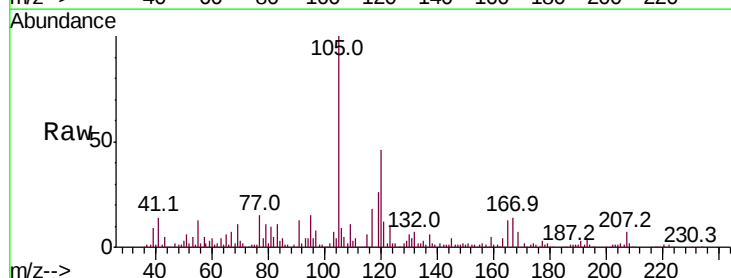
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

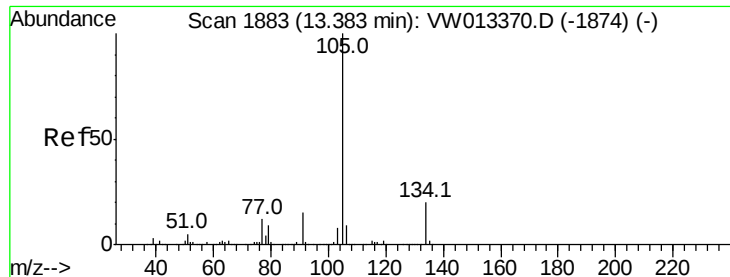
Tot Ion:119 Resp: 199463
Ion Ratio Lower Upper
119 100
91 56.2 30.7 92.1
134 25.3 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 17.393 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion:105 Resp: 208039
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.3

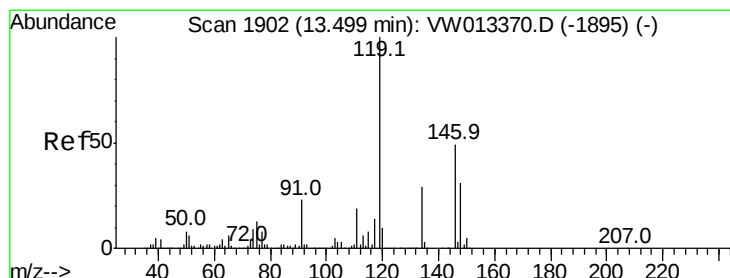
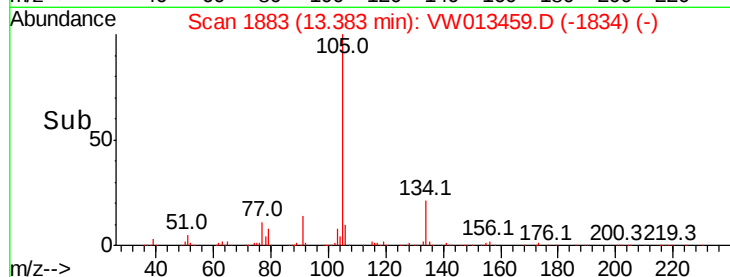
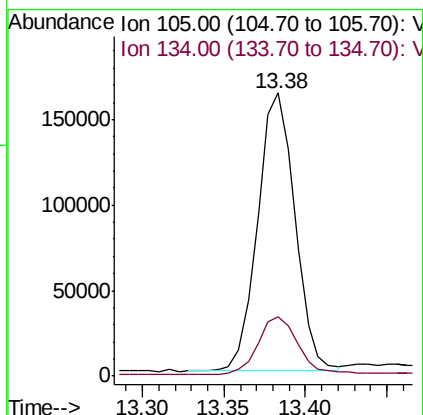
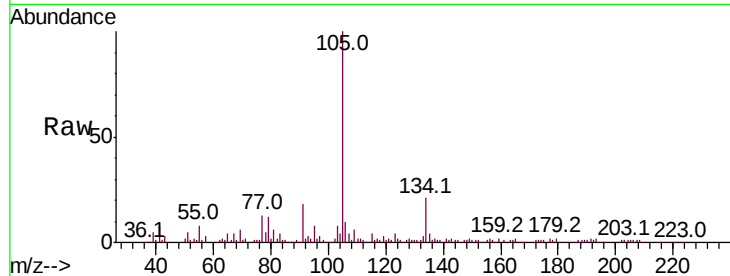




#85
 sec-Butylbenzene
 Concen: 17.689 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

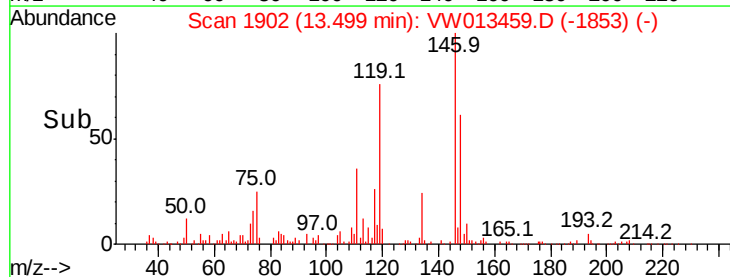
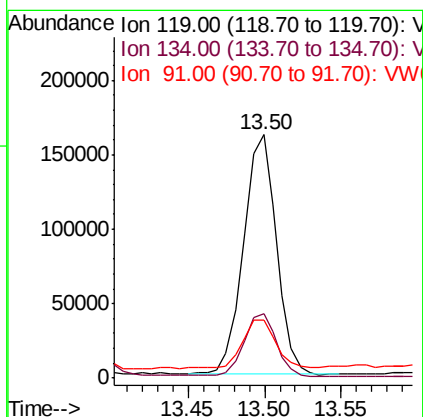
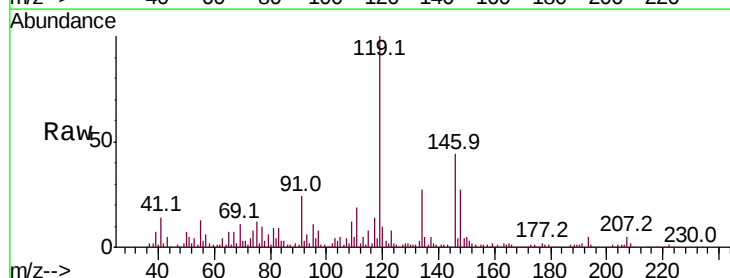
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

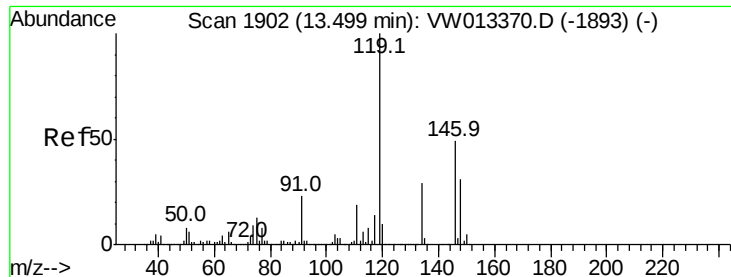
Tot Ion:105 Resp: 256316
 Ion Ratio Lower Upper
 105 100
 134 24.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 17.863 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Tgt Ion:119 Resp: 239878
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 21.0 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 17.749 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

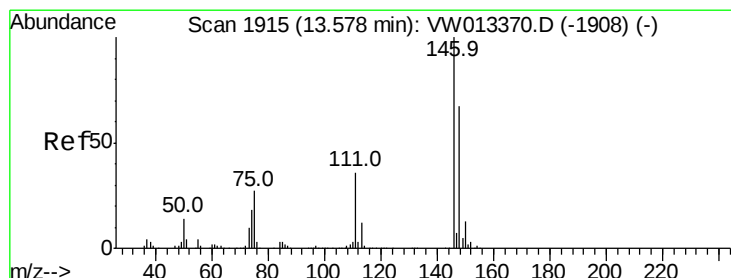
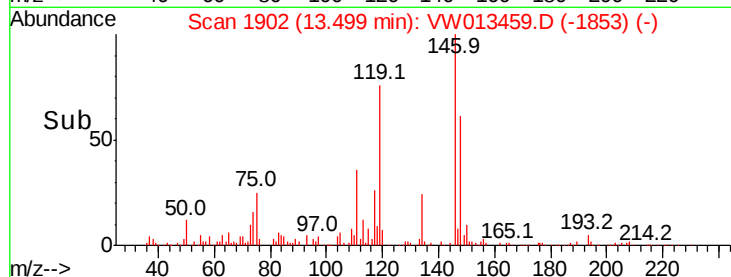
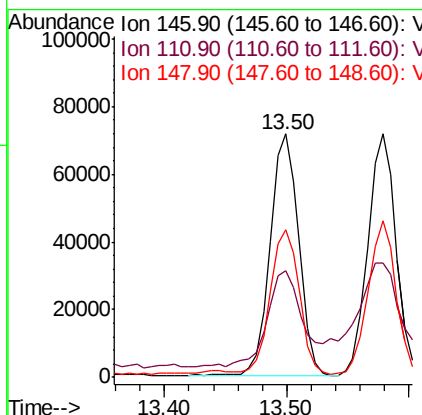
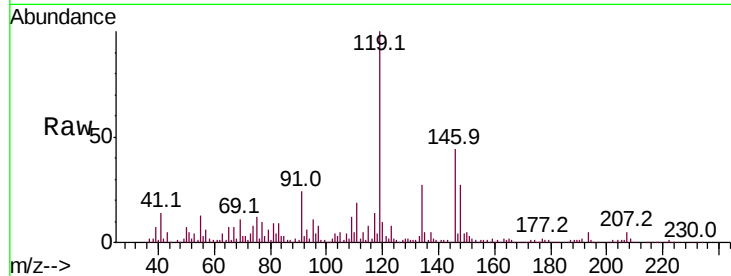
Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion:146 Resp: 116137

Ion	Ratio	Lower	Upper
146	100		
111	48.6	18.9	56.9
148	61.1	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 17.727 ug/l

RT: 13.50 min Scan# 1902

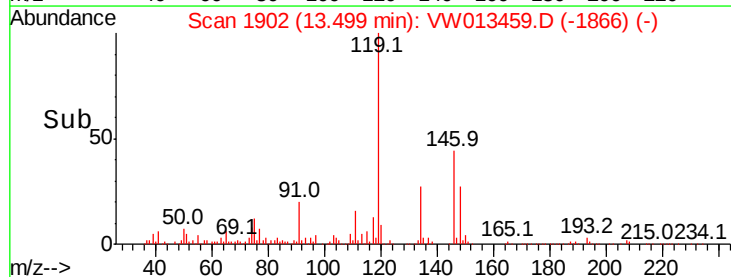
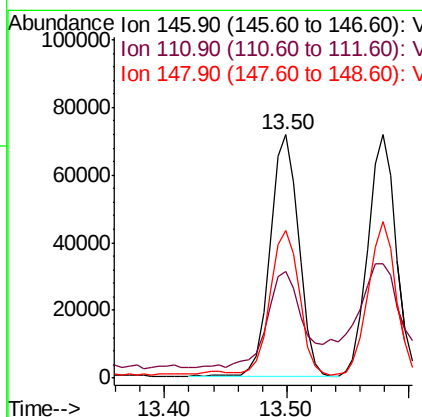
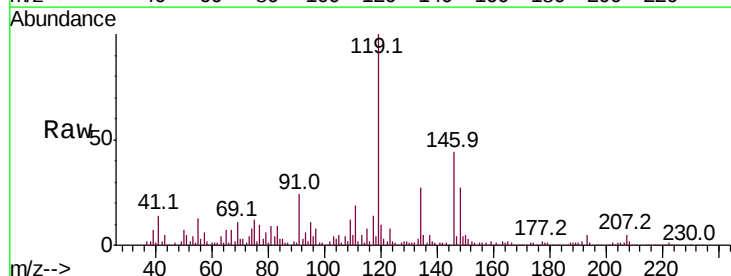
Delta R.T. -0.08 min

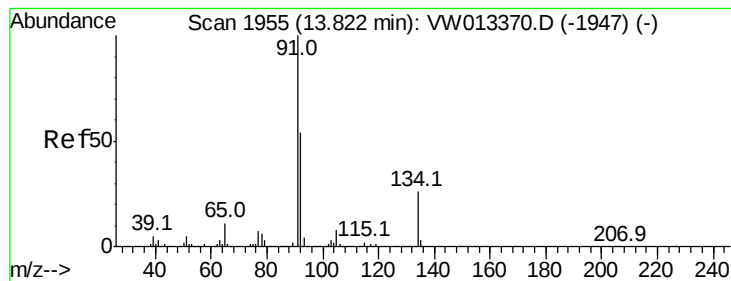
Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Tgt Ion:146 Resp: 116137

Ion	Ratio	Lower	Upper
146	100		
111	48.6	18.4	55.0
148	61.1	32.1	96.3





#89

n-Butylbenzene

Concen: 17.706 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

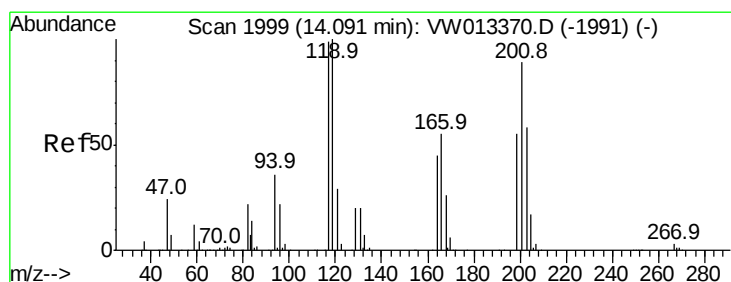
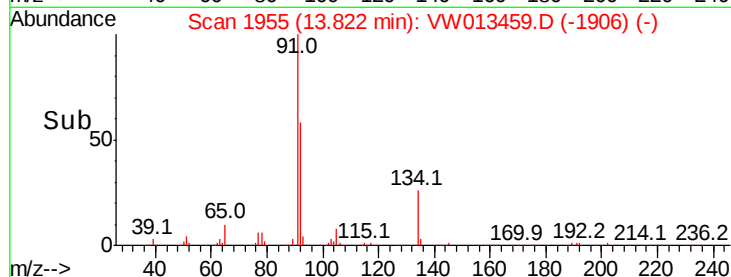
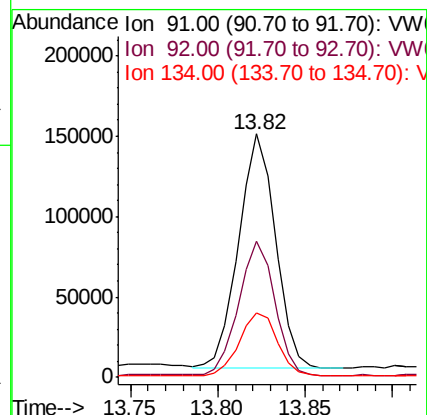
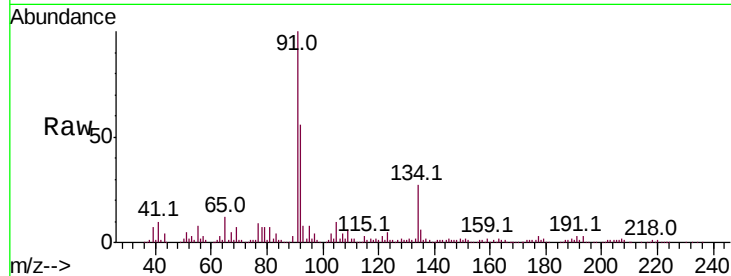
Tot Ion: 91 Resp: 214356

Ion Ratio Lower Upper

91 100

92 56.1 27.6 82.8

134 27.9 13.7 41.1



#90

Hexachloroethane

Concen: 17.395 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013459.D

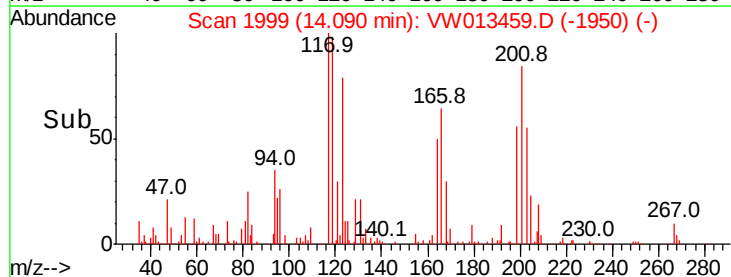
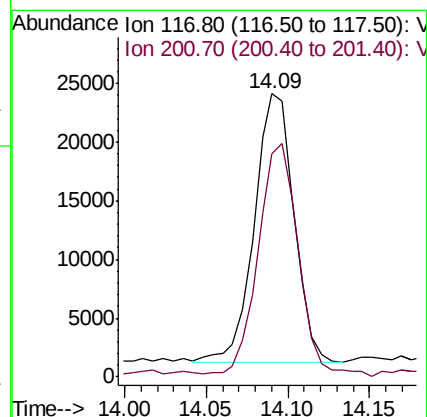
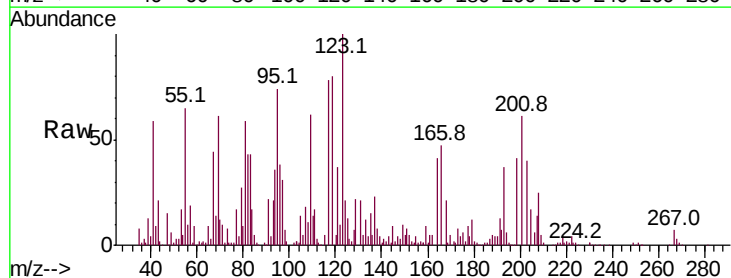
Acq: 07 Oct 2019 13:26

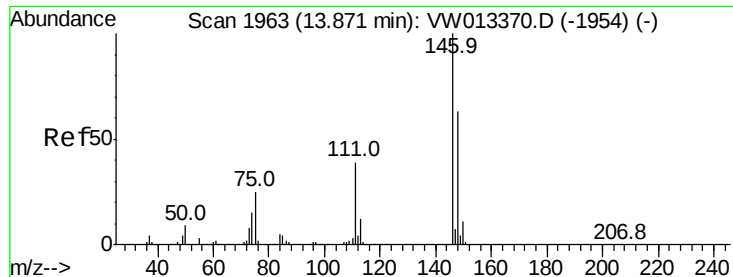
Tgt Ion: 117 Resp: 38591

Ion Ratio Lower Upper

117 100

201 89.6 44.5 133.5





#91

1,2-Dichlorobenzene

Concen: 18.197 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

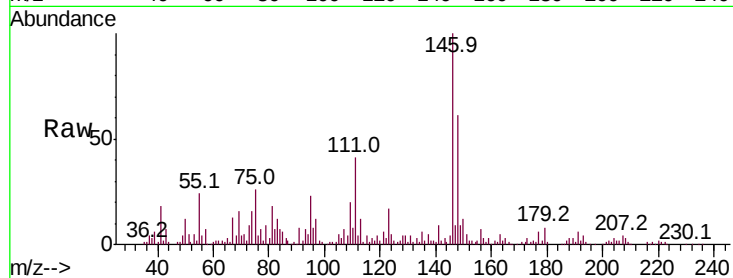
Tot Ion:146 Resp: 105255

Ion Ratio Lower Upper

146 100

111 37.6 20.1 60.3

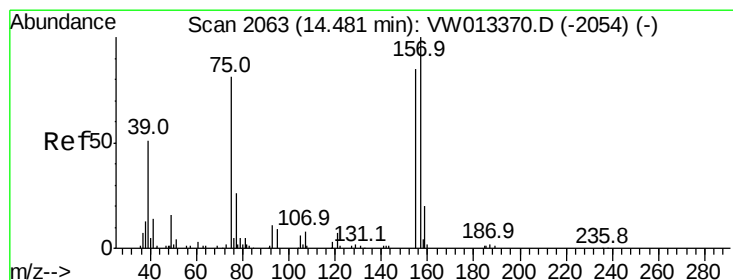
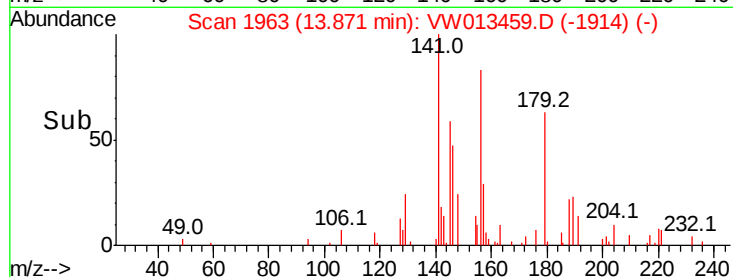
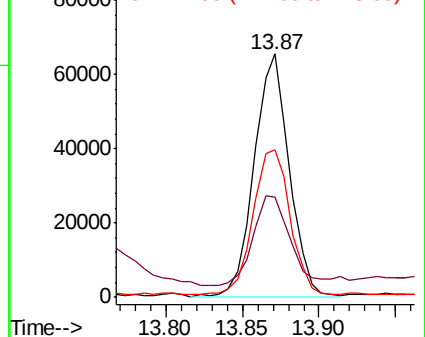
148 61.8 32.0 96.0



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: 23.932 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW013459.D

Acq: 07 Oct 2019 13:26

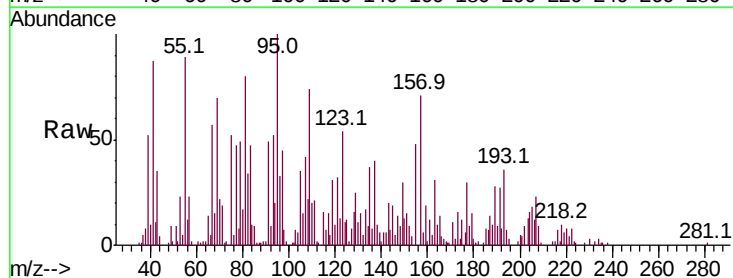
Tgt Ion: 75 Resp: 8776

Ion Ratio Lower Upper

75 100

155 104.3 46.1 138.3

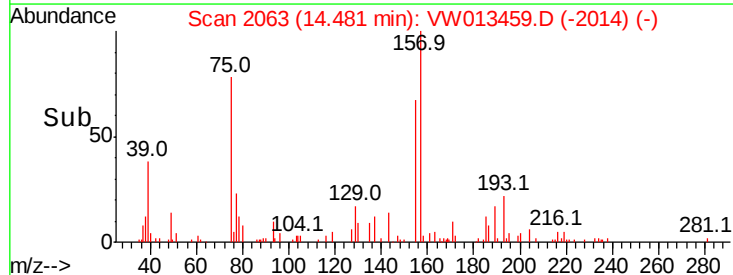
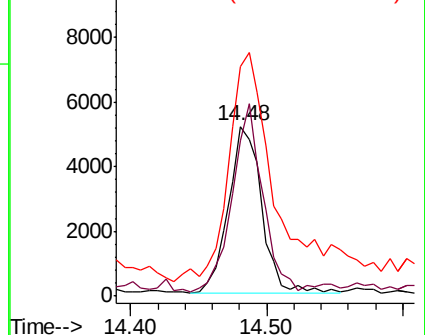
157 201.7 60.4 181.2#

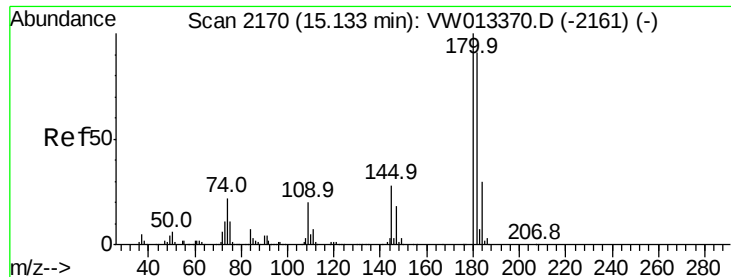


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

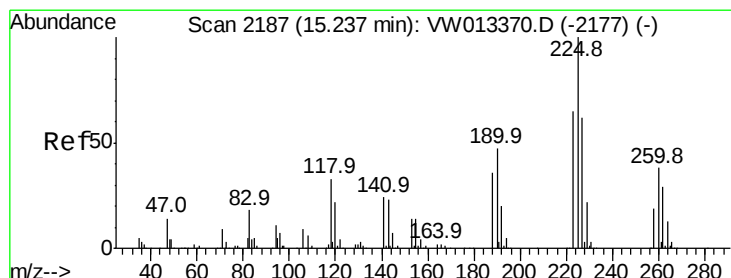
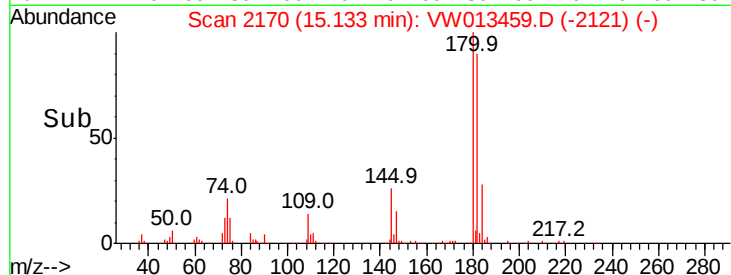
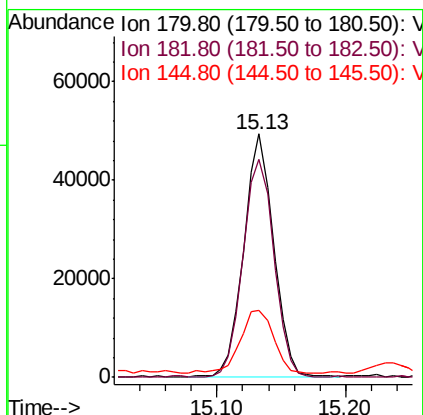
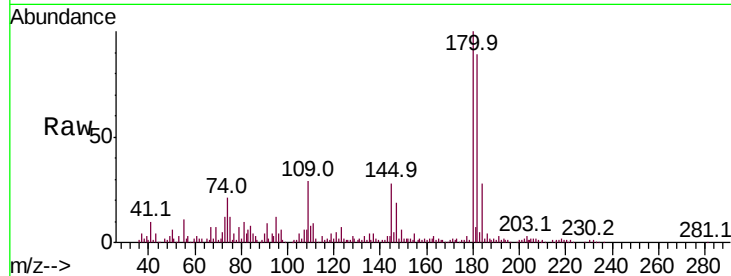




#93
 1,2,4-Trichlorobenzene
 Concen: 19.158 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

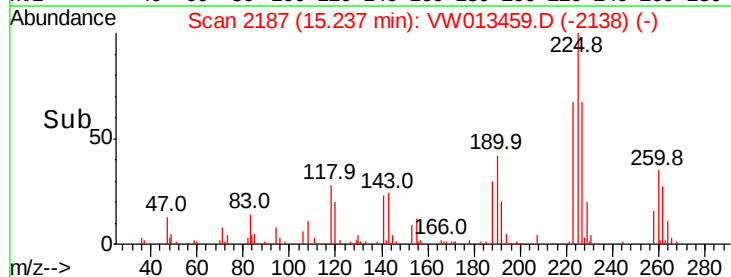
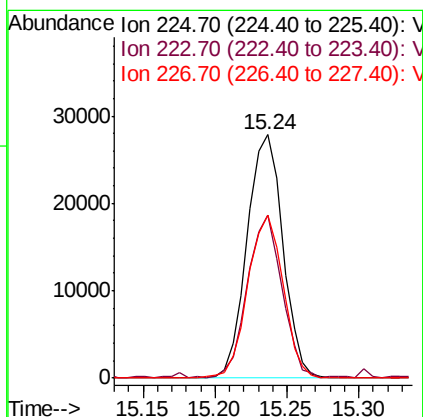
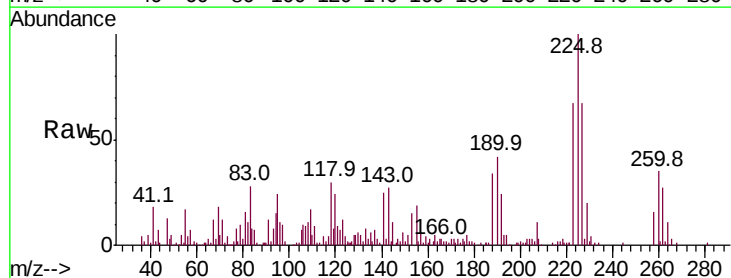
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

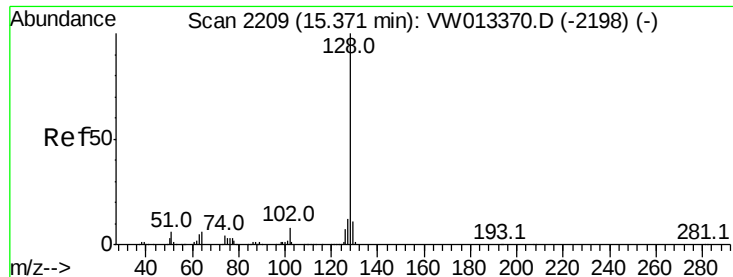
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.3	142.0
145	28.9	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 17.734 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013459.D
 Acq: 07 Oct 2019 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	30.6	91.8
227	66.0	31.9	95.9

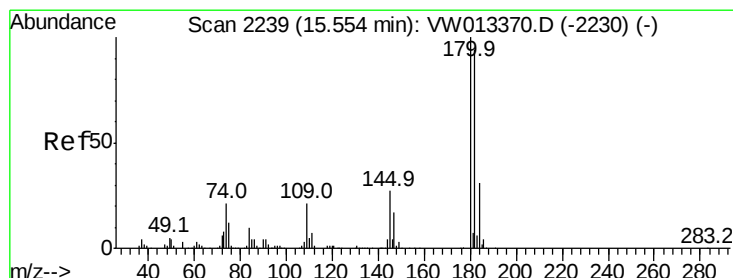
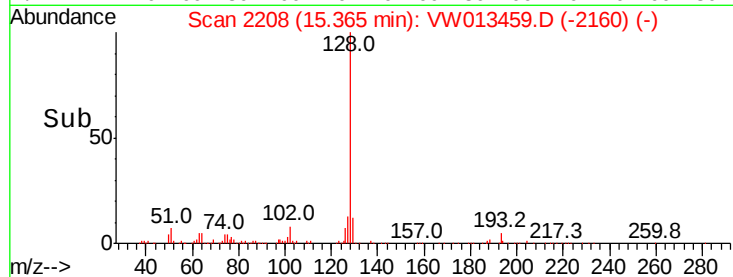
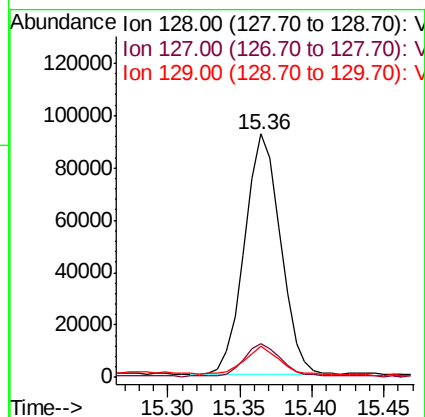




#95
Naphthalene
Concen: 22.906 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion:128 Resp: 160400
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 12.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.952 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013459.D
Acq: 07 Oct 2019 13:26

Tgt Ion:180 Resp: 68688
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.7
145 32.6 15.0 45.0

