

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100119\
 Data File : VW013373.D
 Acq On : 01 Oct 2019 17:45
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100119

Quant Time: Oct 02 12:02:35 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	367011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	520779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	446058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	221130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150110	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
35) Dibromofluoromethane	7.88	113	152584	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
50) Toluene-d8	10.32	98	641699	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
62) 4-Bromofluorobenzene	12.62	95	220365	58.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	71942	50.680	ug/l	95
3) Chloromethane	2.21	50	113840	48.598	ug/l	99
4) Vinyl Chloride	2.35	62	162151	48.775	ug/l	98
5) Bromomethane	2.76	94	101732	49.808	ug/l	89
6) Chloroethane	2.92	64	91829	47.836	ug/l	98
7) Trichlorofluoromethane	3.25	101	76304	52.904	ug/l	98
8) Diethyl Ether	3.68	74	84552	50.649	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	160668	50.245	ug/l	99
10) Methyl Iodide	4.27	142	256233	49.618	ug/l	99
11) Tert butyl alcohol	5.15	59	76269	339.689	ug/l	95
12) 1,1-Dichloroethene	4.04	96	168786	49.959	ug/l	97
13) Acrolein	3.89	56	70950	255.816	ug/l	100
14) Allyl chloride	4.66	41	254194	50.860	ug/l	98
15) Acrylonitrile	5.37	53	196736	260.696	ug/l	98
16) Acetone	4.11	43	205043	244.106	ug/l	95
17) Carbon Disulfide	4.38	76	482406	51.183	ug/l	98
18) Methyl Acetate	4.66	43	92802	47.203	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	255014	51.285	ug/l	99
20) Methylene Chloride	4.92	84	176361	50.304	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	179642	49.930	ug/l	99
22) Diisopropyl ether	6.31	45	495555	51.343	ug/l	97
23) Vinyl Acetate	6.25	43	1549896	267.613	ug/l	98
24) 1,1-Dichloroethane	6.21	63	298156	50.717	ug/l	98
25) 2-Butanone	7.17	43	267280	248.676	ug/l	95
26) 2,2-Dichloropropane	7.17	77	176969	52.098	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	190740	50.647	ug/l	98
28) Bromochloromethane	7.51	49	115865	54.511	ug/l	95
29) Tetrahydrofuran	7.52	42	166772	266.119	ug/l	99
30) Chloroform	7.67	83	283543	49.187	ug/l	99
31) Cyclohexane	7.95	56	303851	48.465	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	228458	50.587	ug/l	100
36) 1,1-Dichloropropene	8.08	75	247055	51.076	ug/l	99
37) Ethyl Acetate	7.25	43	115987	54.318	ug/l	99
38) Carbon Tetrachloride	8.07	117	219170	52.307	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	329341	51.700	ug/l	99
40) Benzene	8.32	78	695042	50.760	ug/l	99
41) Methacrylonitrile	7.48	41	63602	49.413	ug/l	97
42) 1,2-Dichloroethane	8.40	62	180944	51.416	ug/l	99
43) Isopropyl Acetate	8.42	43	209904	52.243	ug/l	99
44) Trichloroethene	9.09	130	198204	51.403	ug/l	96
45) 1,2-Dichloropropane	9.37	63	167339	50.900	ug/l	100
46) Dibromomethane	9.46	93	85217	52.041	ug/l	98
47) Bromodichloromethane	9.64	83	209257	51.910	ug/l	95
48) Methyl methacrylate	9.43	41	98368	50.953	ug/l	97
49) 1,4-Dioxane	9.45	88	29487	1171.263	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	546694	258.977	ug/l	98
52) Toluene	10.38	92	450210	50.976	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	223315	53.259	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	268274	52.771	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	124463	50.951	ug/l	98
56) Ethyl methacrylate	10.65	69	177838	54.087	ug/l	96
57) 1,3-Dichloropropane	10.93	76	216809	51.054	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	370205	274.098	ug/l	99
59) 2-Hexanone	10.96	43	395765	270.483	ug/l	98
60) Dibromochloromethane	11.13	129	148507	53.141	ug/l	100
61) 1,2-Dibromoethane	11.23	107	123098	52.149	ug/l	100
64) Tetrachloroethene	10.86	164	172666	50.880	ug/l	99
65) Chlorobenzene	11.66	112	458494	50.172	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	162101	52.081	ug/l	100
67) Ethyl Benzene	11.73	91	858753	52.433	ug/l	100
68) m/p-Xylenes	11.84	106	648176	102.530	ug/l	99
69) o-Xylene	12.16	106	296966	50.806	ug/l	98
70) Styrene	12.18	104	525388	52.582	ug/l	99
71) Bromoform	12.35	173	91758	54.375	ug/l	98
73) Isopropylbenzene	12.46	105	811959	50.198	ug/l	98
74) N-amyl acetate	12.27	43	190719	55.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	141639	51.735	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	180110	91.643	ug/l #	100
77) Bromobenzene	12.74	156	203247	52.330	ug/l	98
78) n-propylbenzene	12.80	91	992395	53.337	ug/l	100
79) 2-Chlorotoluene	12.89	91	542599	52.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	712660	53.039	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47214	50.995	ug/l	98
82) 4-Chlorotoluene	12.99	91	553080	51.091	ug/l	97
83) tert-Butylbenzene	13.21	119	623383	53.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	689186	51.595	ug/l	99
85) sec-Butylbenzene	13.38	105	837846	51.779	ug/l	98
86) p-Isopropyltoluene	13.49	119	786640	52.456	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	372033	50.914	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	383341	52.395	ug/l	99
89) n-Butylbenzene	13.82	91	706436	52.252	ug/l	99
90) Hexachloroethane	14.09	117	129239	52.164	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	338396	52.387	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22938	56.014	ug/l	95

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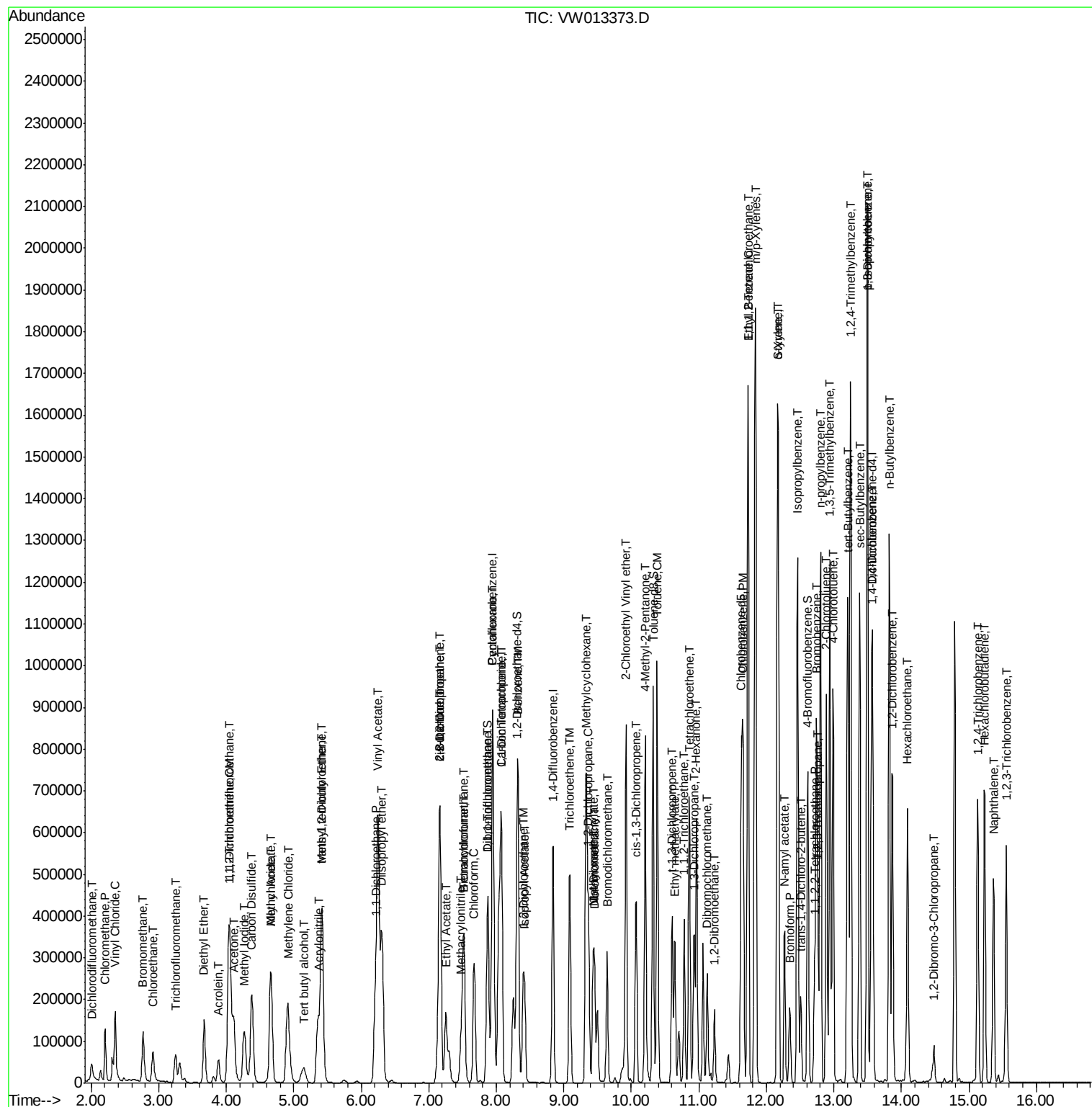
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	252518	54.472	ug/l	99
94) Hexachlorobutadiene	15.24	225	164483	54.621	ug/l	98
95) Naphthalene	15.36	128	444856	56.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	218424	53.966	ug/l	99

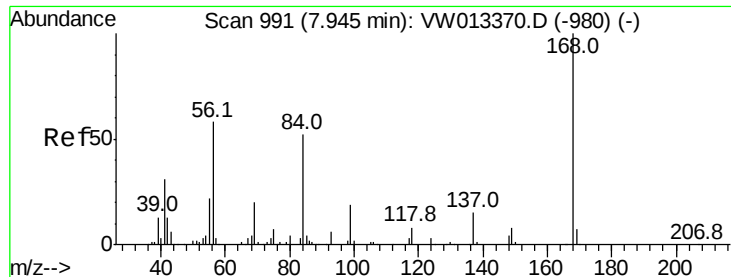
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

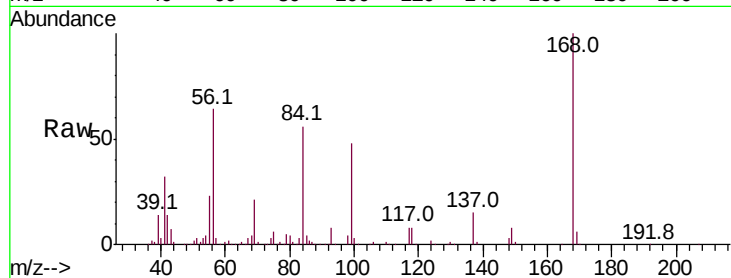
ICVW100119

Tot Ion:168 Resp: 367011

Ion Ratio Lower Upper

168 100

99 47.9 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

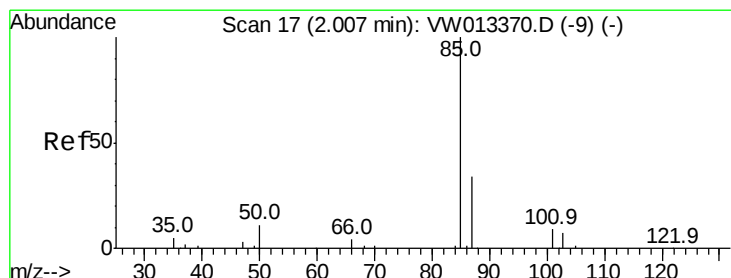
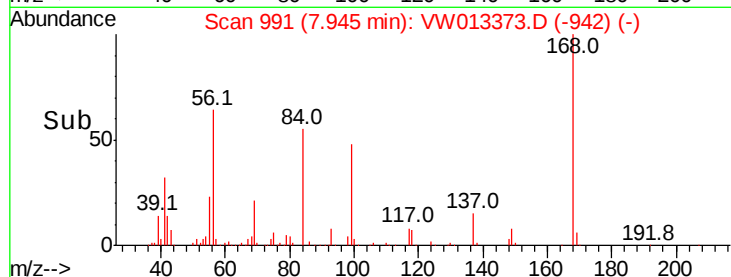
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 50.680 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013373.D

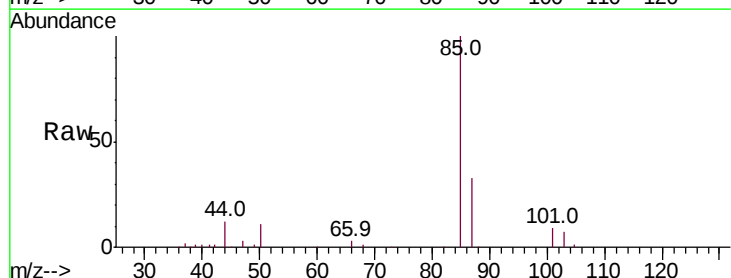
Acq: 01 Oct 2019 17:45

Tgt Ion: 85 Resp: 71942

Ion Ratio Lower Upper

85 100

87 32.7 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

25000

20000

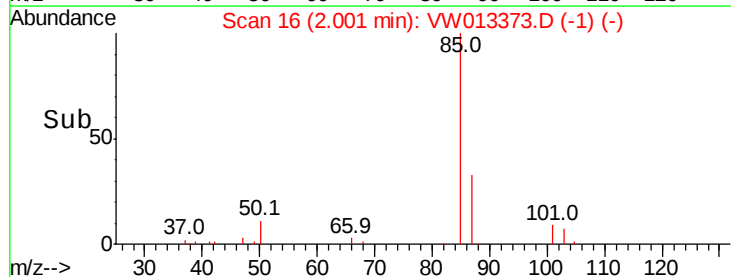
15000

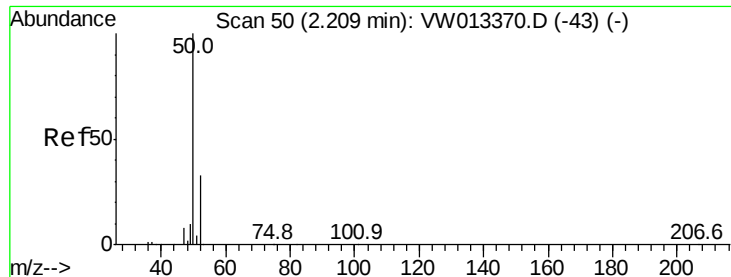
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 48.598 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

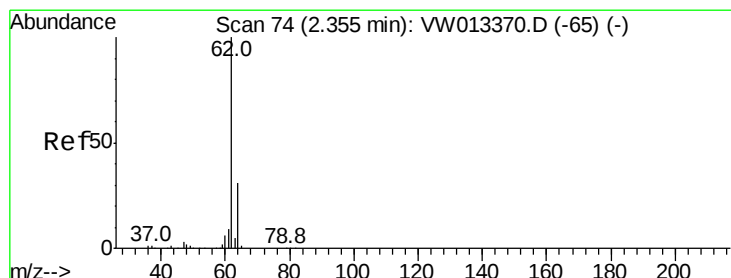
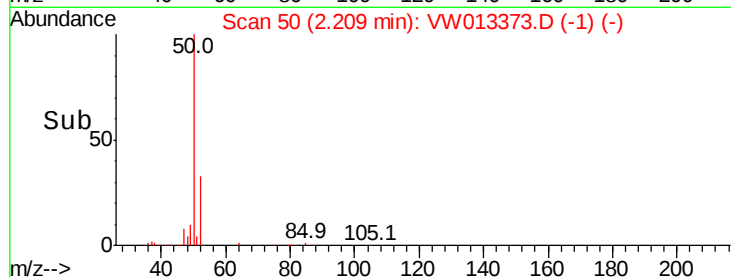
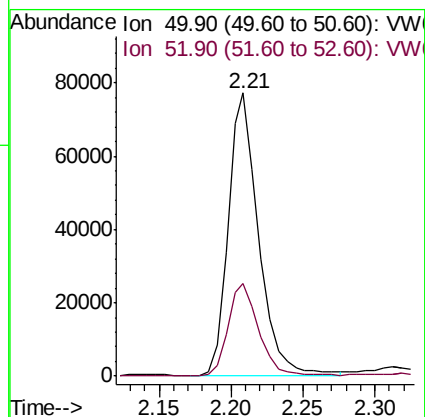
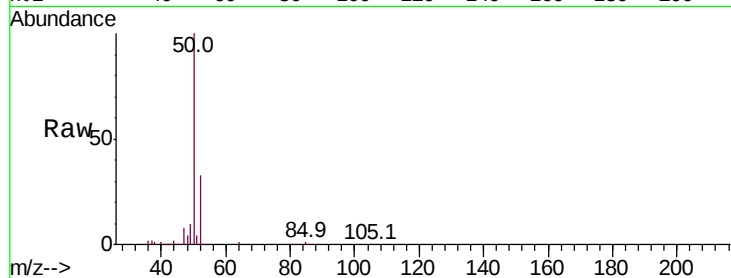
ICVWV100119

Tot Ion: 50 Resp: 113840

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 48.775 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013373.D

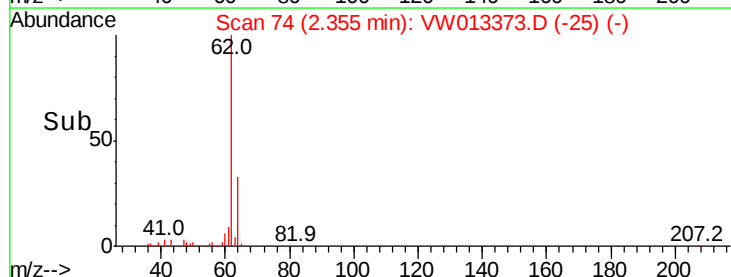
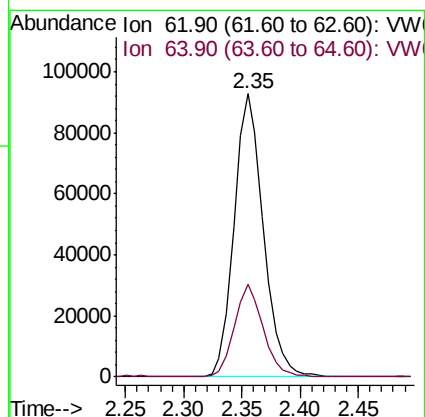
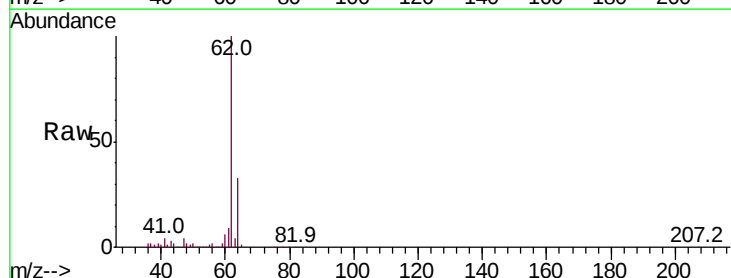
Acq: 01 Oct 2019 17:45

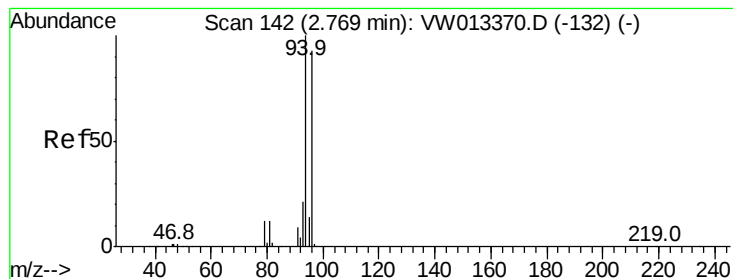
Tgt Ion: 62 Resp: 162151

Ion Ratio Lower Upper

62 100

64 32.7 25.3 37.9





#5

Bromomethane

Concen: 49.808 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

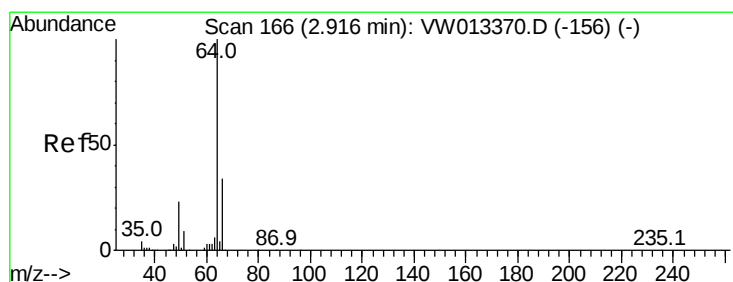
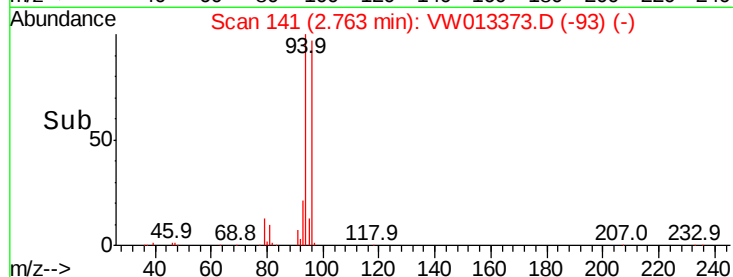
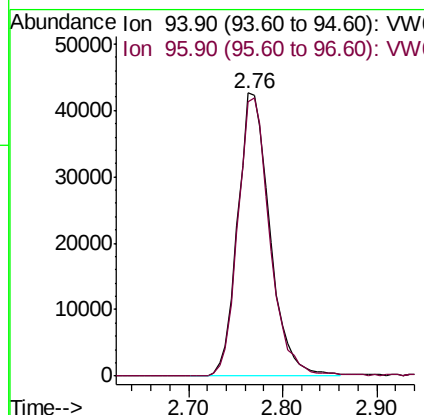
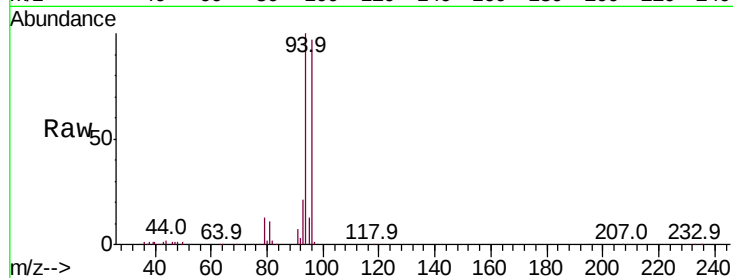
ICVWV100119

Tot Ion: 94 Resp: 101732

Ion Ratio Lower Upper

94 100

96 97.0 69.7 104.5



#6

Chloroethane

Concen: 47.836 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013373.D

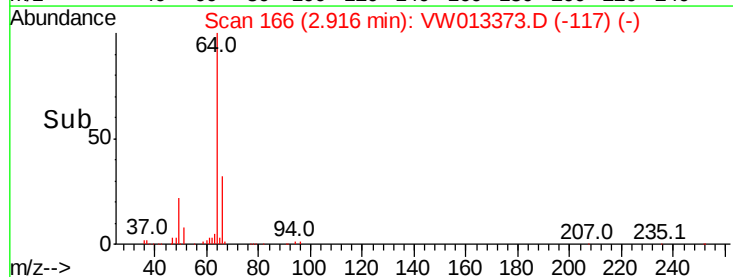
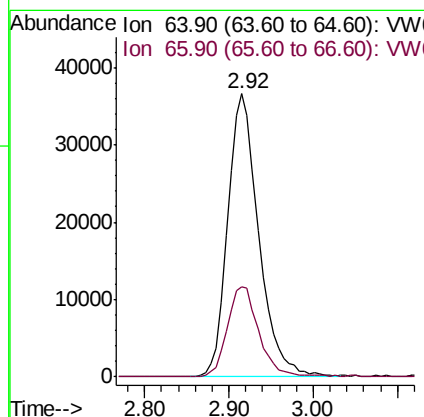
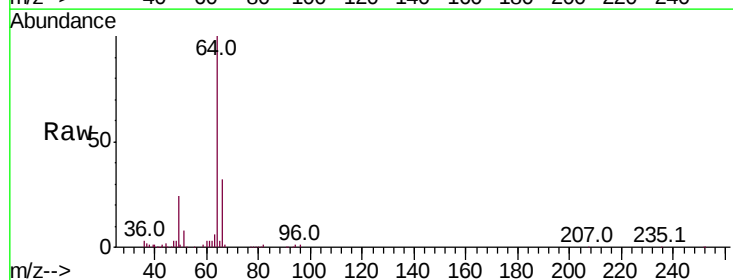
Acq: 01 Oct 2019 17:45

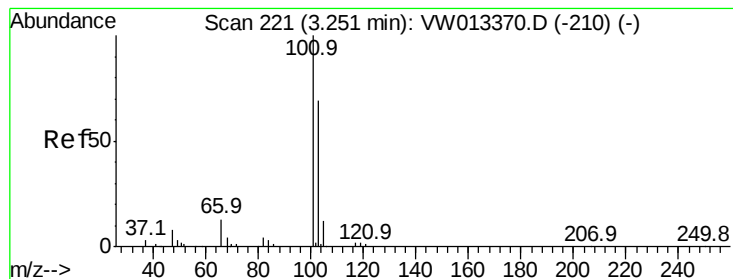
Tgt Ion: 64 Resp: 91829

Ion Ratio Lower Upper

64 100

66 31.9 26.6 39.8



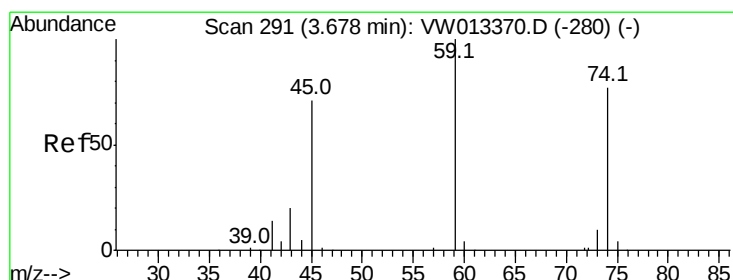
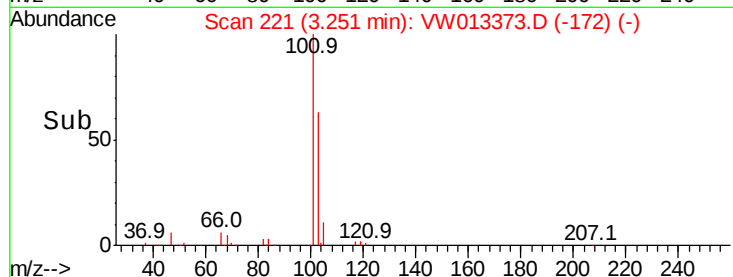
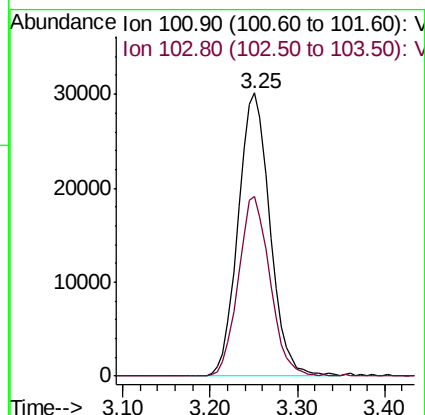
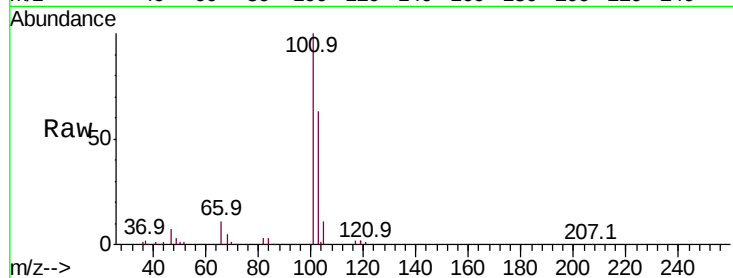


#7

Trichlorofluoromethane
Concen: 52.904 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW013373.D
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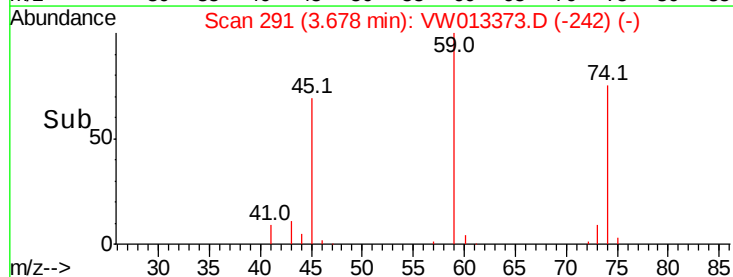
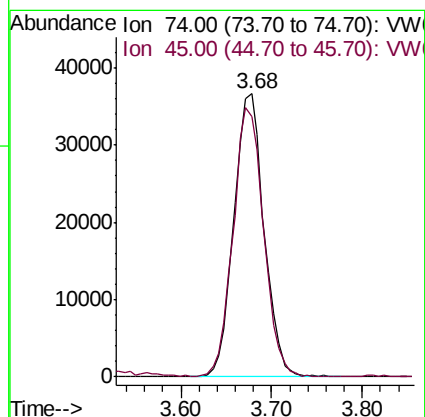
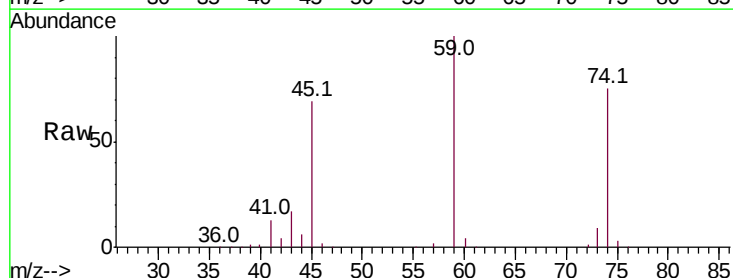
Tot Ion:101 Resp: 76304
Ion Ratio Lower Upper
101 100
103 63.4 49.7 74.5

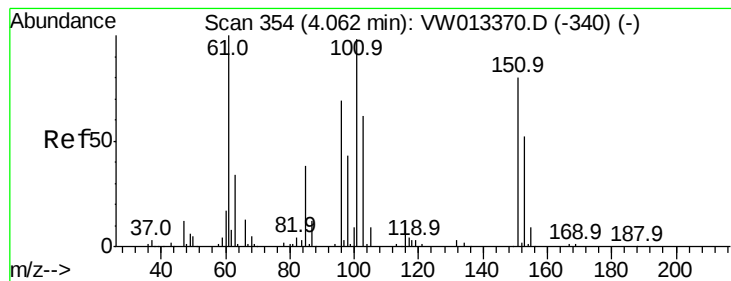


#8

Diethyl Ether
Concen: 50.649 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion: 74 Resp: 84552
Ion Ratio Lower Upper
74 100
45 96.6 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.245 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVW100119

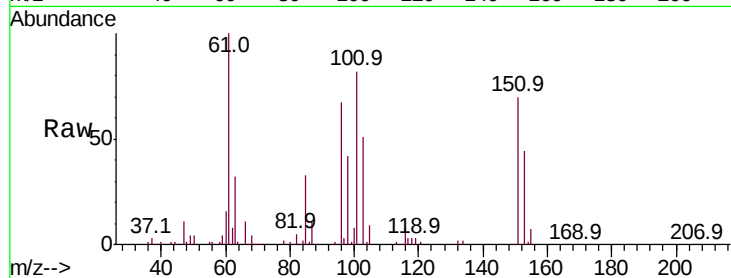
Tot Ion:101 Resp: 160668

Ion Ratio Lower Upper

101 100

85 40.1 33.4 50.0

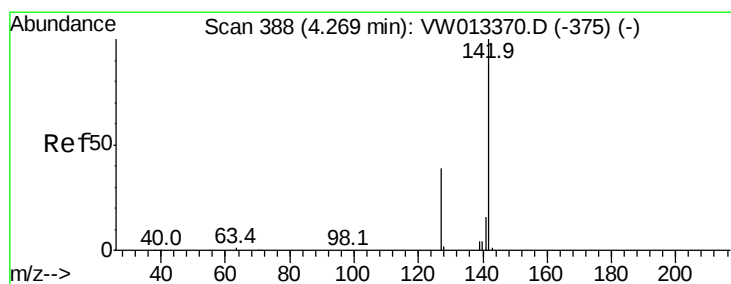
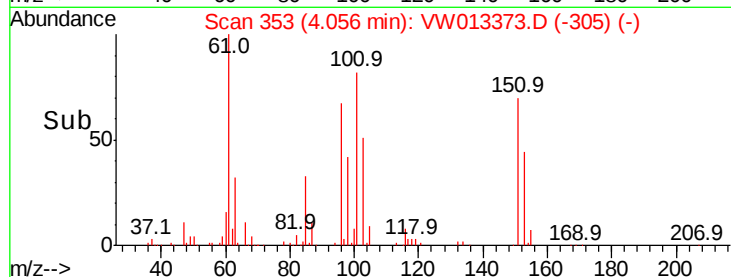
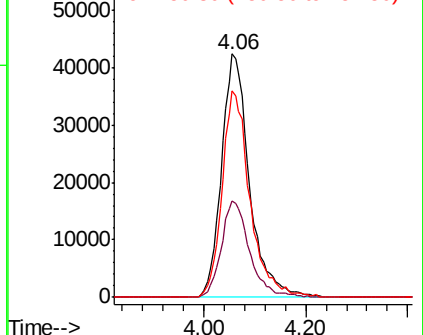
151 84.3 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.618 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

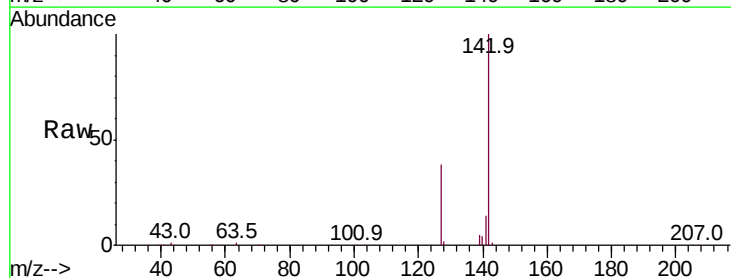
Tgt Ion:142 Resp: 256233

Ion Ratio Lower Upper

142 100

127 37.9 30.9 46.3

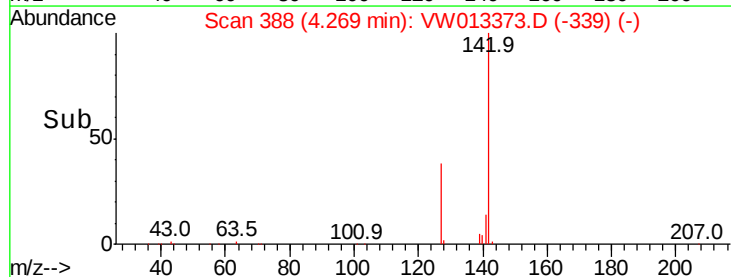
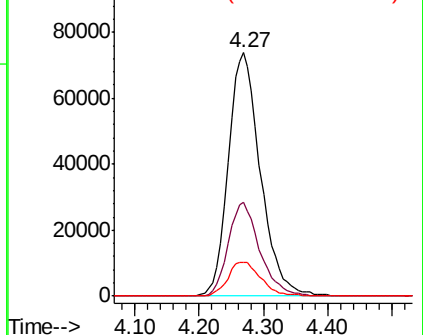
141 14.6 11.7 17.5

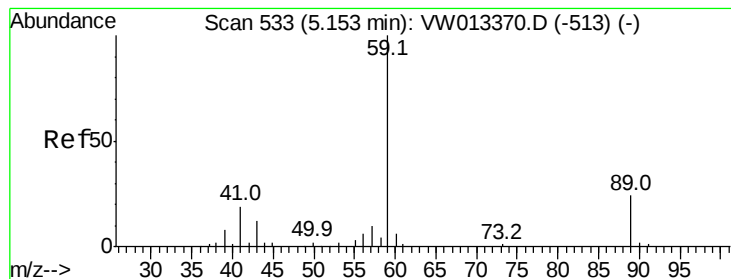


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



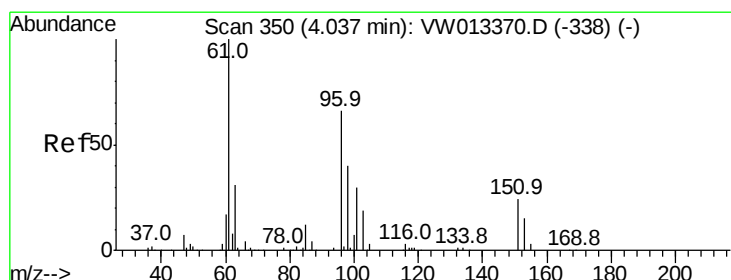
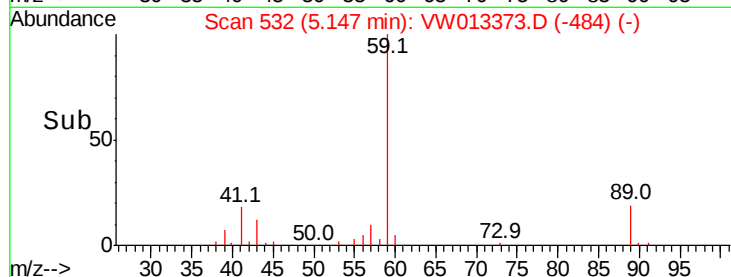
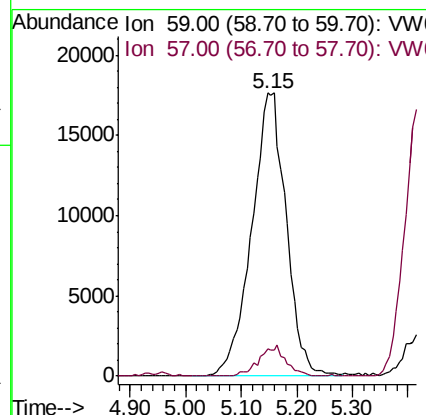
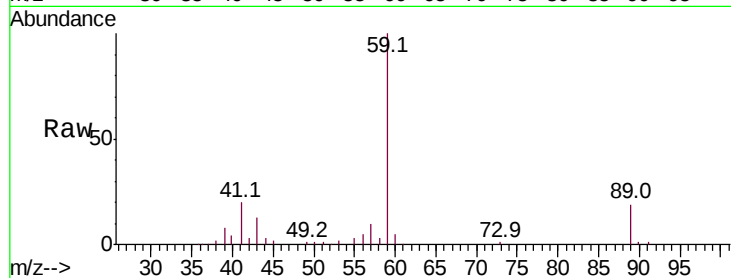


#11

Tert butyl alcohol
 Concen: 339.689 ug/l
 RT: 5.15 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VW013373.D
 Acq: 01 Oct 2019 17:45

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100119

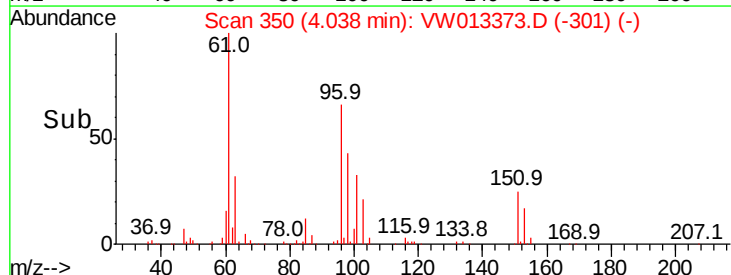
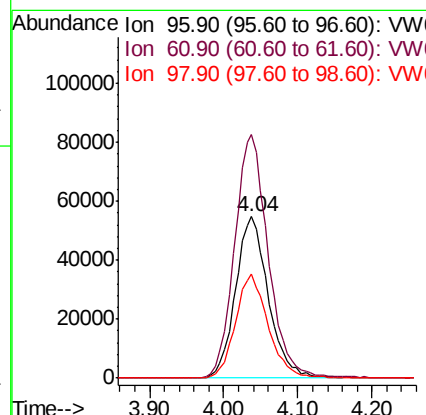
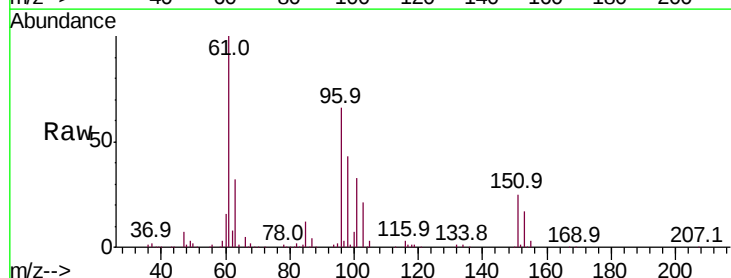
Tot Ion: 59 Resp: 76269
 Ion Ratio Lower Upper
 59 100
 57 8.4 8.2 12.2

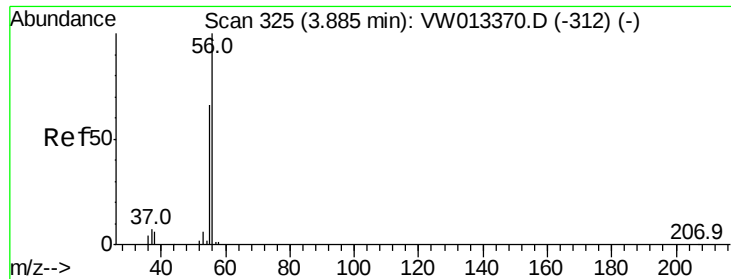


#12

1,1-Dichloroethene
 Concen: 49.959 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW013373.D
 Acq: 01 Oct 2019 17:45

Tgt Ion: 96 Resp: 168786
 Ion Ratio Lower Upper
 96 100
 61 150.7 125.1 187.7
 98 64.2 50.8 76.2





#13

Acrolein

Concen: 255.816 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

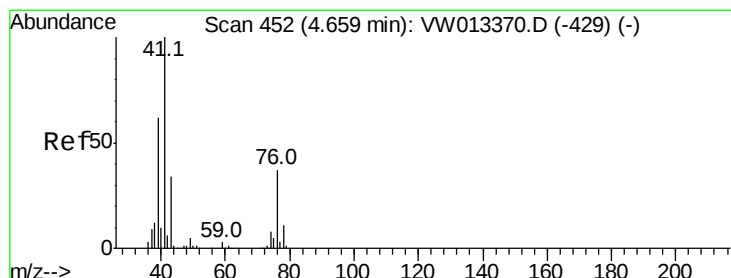
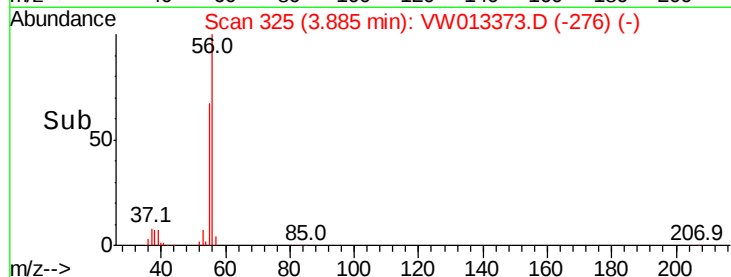
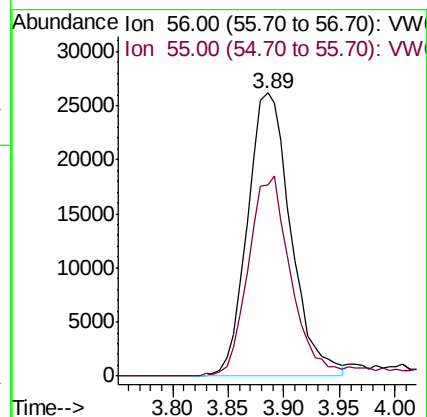
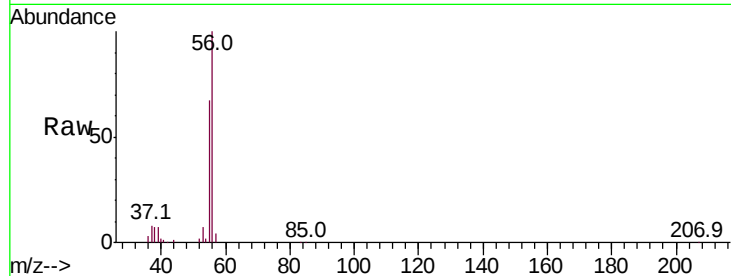
ICVWV100119

Tot Ion: 56 Resp: 70950

Ion Ratio Lower Upper

56 100

55 69.0 55.4 83.0



#14

Allyl chloride

Concen: 50.860 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

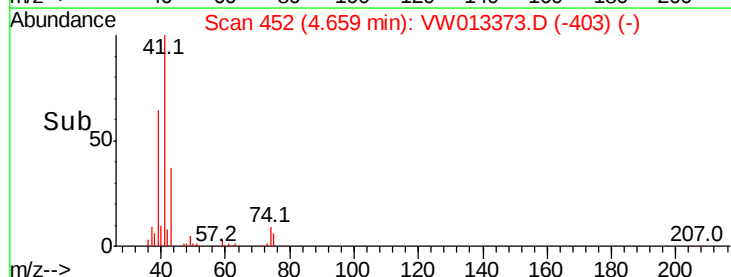
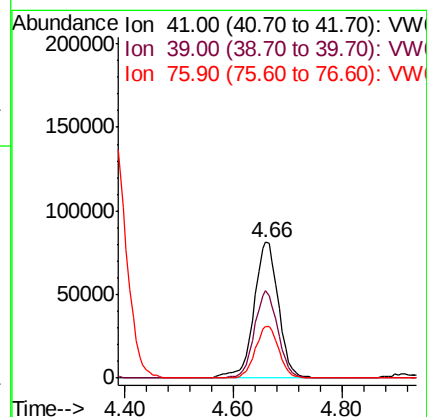
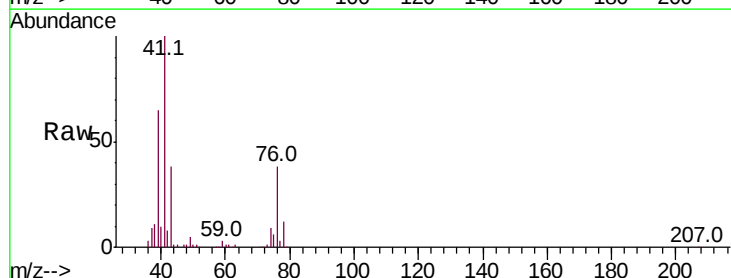
Tgt Ion: 41 Resp: 254194

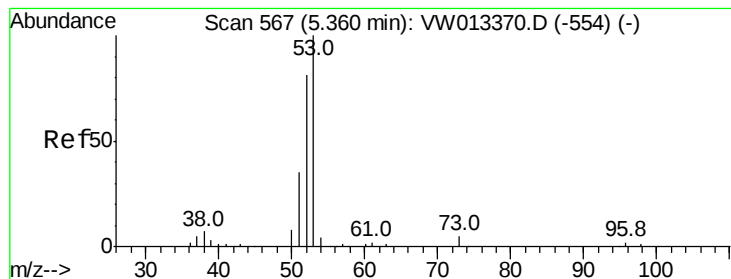
Ion Ratio Lower Upper

41 100

39 61.6 51.0 76.4

76 36.2 28.4 42.6





#15

Acrylonitrile

Concen: 260.696 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVW0100119

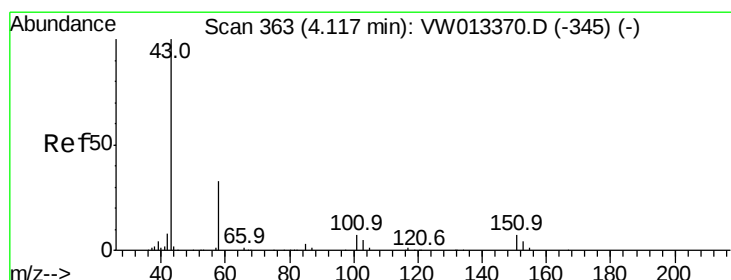
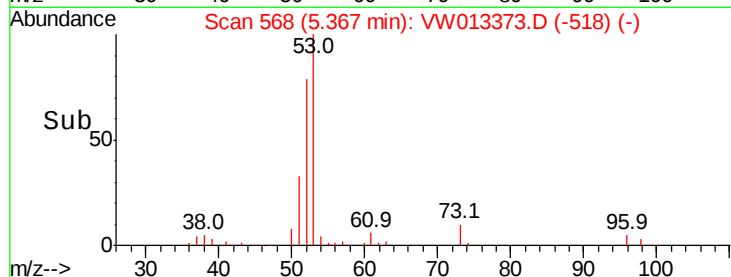
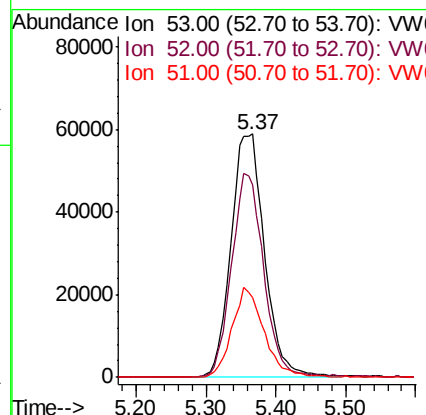
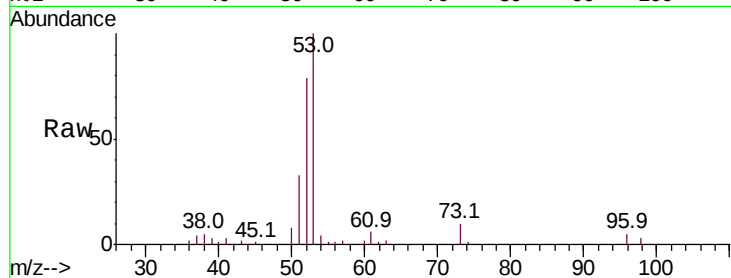
Tot Ion: 53 Resp: 196736

Ion Ratio Lower Upper

53 100

52 80.3 65.3 97.9

51 35.2 29.0 43.4



#16

Acetone

Concen: 244.106 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW013373.D

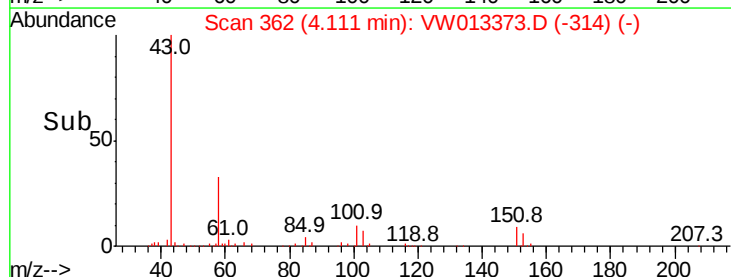
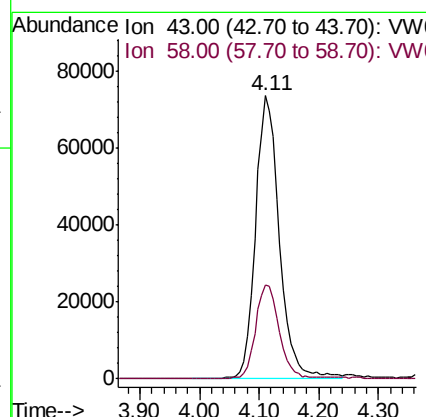
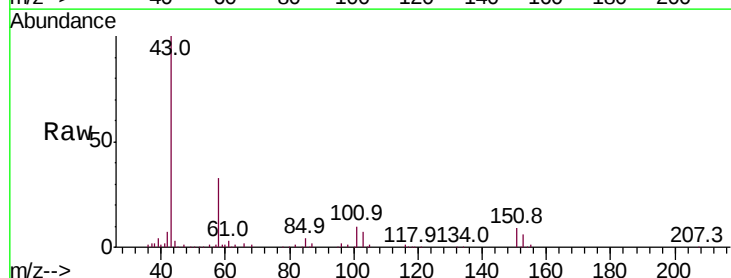
Acq: 01 Oct 2019 17:45

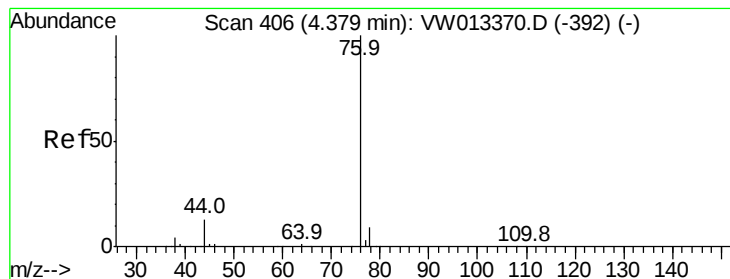
Tgt Ion: 43 Resp: 205043

Ion Ratio Lower Upper

43 100

58 32.9 24.1 36.1





#17

Carbon Disulfide

Concen: 51.183 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

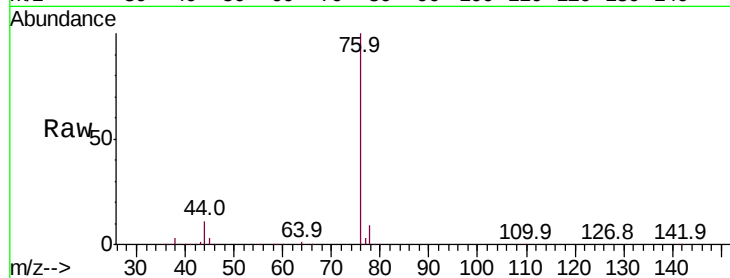
ICVWV100119

Tot Ion: 76 Resp: 482406

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

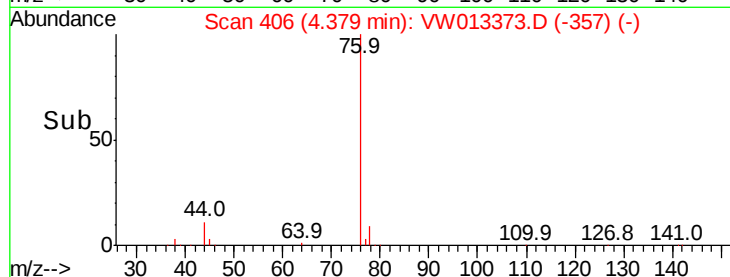
150000

100000

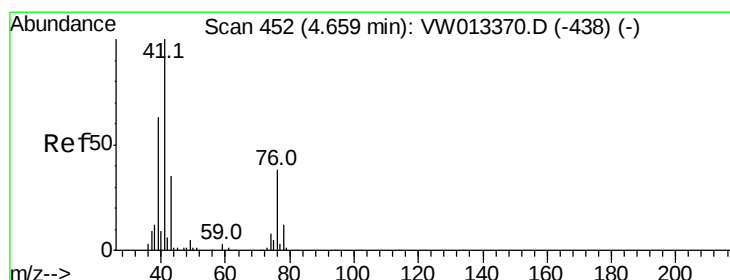
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 47.203 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013373.D

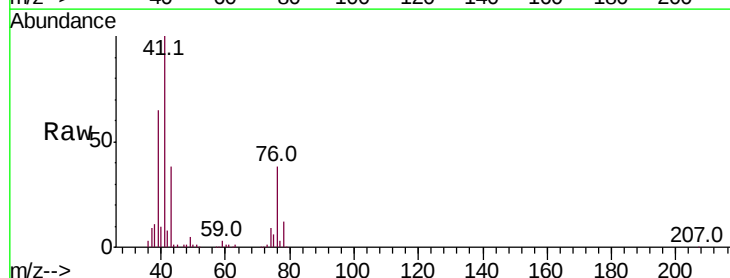
Acq: 01 Oct 2019 17:45

Tgt Ion: 43 Resp: 92802

Ion Ratio Lower Upper

43 100

74 24.8 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.66

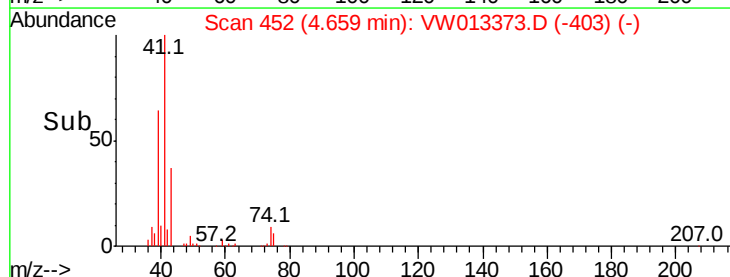
30000

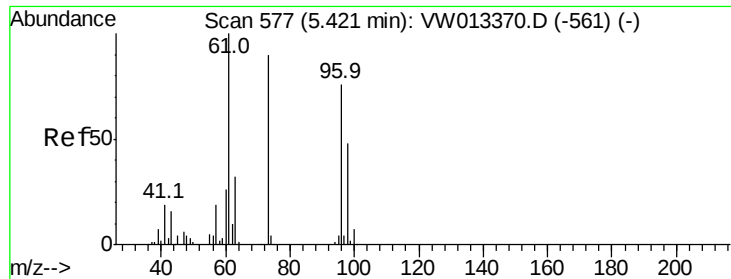
20000

10000

0

Time-->

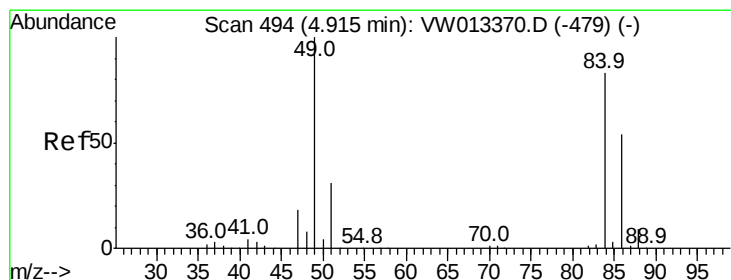
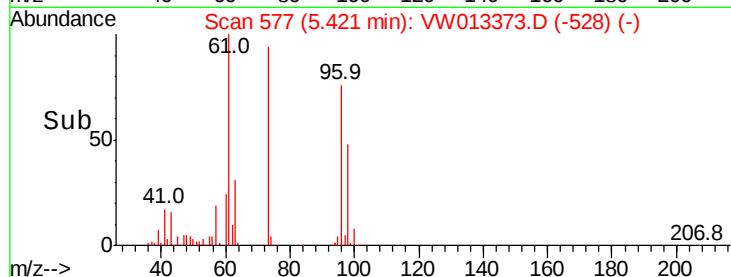
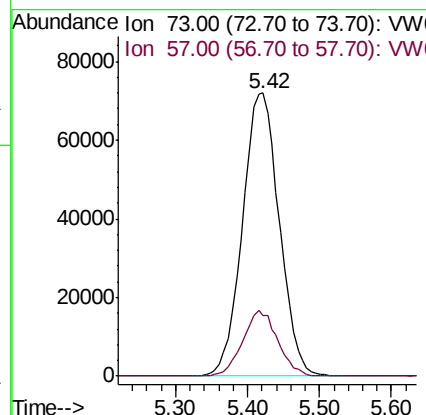
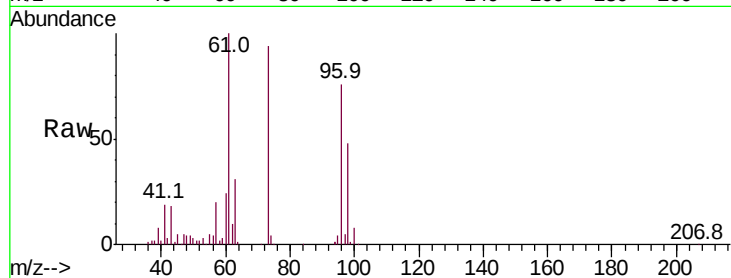




#19
Methvl tert-butvl Ether
Concen: 51.285 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

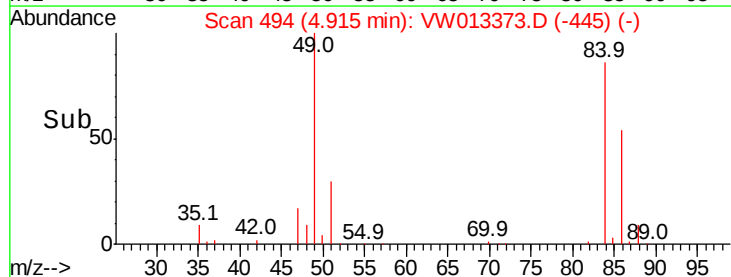
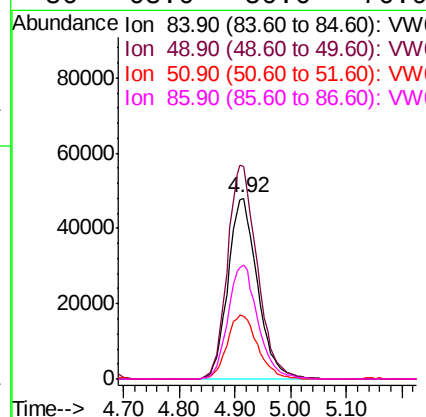
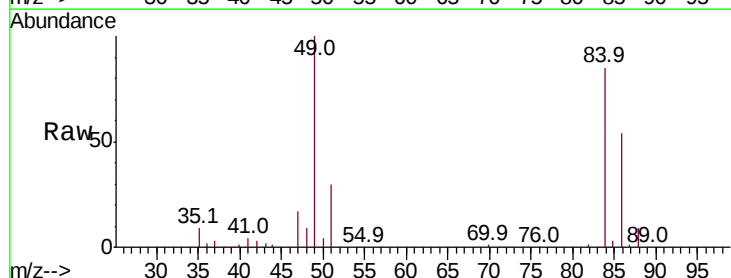
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100119

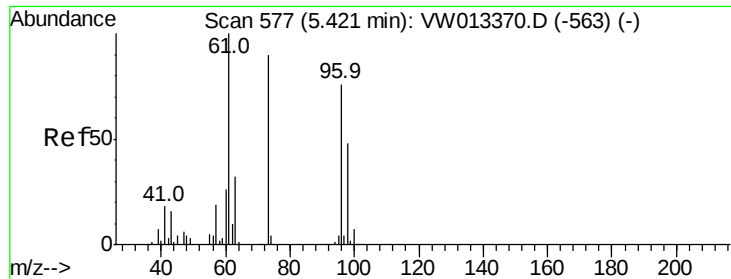
Tot Ion: 73 Resp: 255014
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4



#20
Methylene Chloride
Concen: 50.304 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion: 84 Resp: 176361
Ion Ratio Lower Upper
84 100
49 117.5 97.6 146.4
51 34.8 30.2 45.2
86 63.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 49.930 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100119

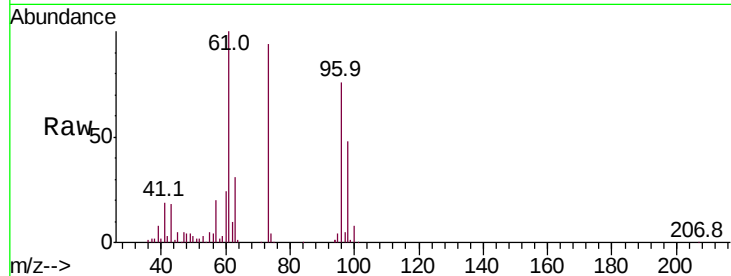
Tot Ion: 96 Resp: 179642

Ion Ratio Lower Upper

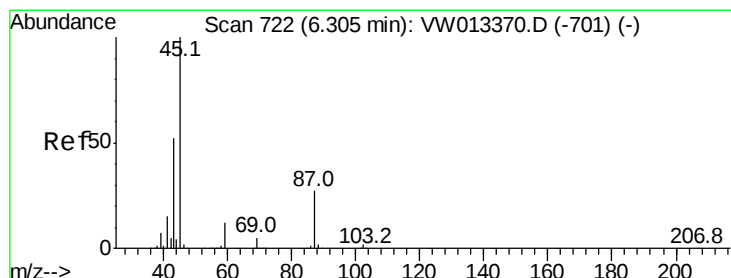
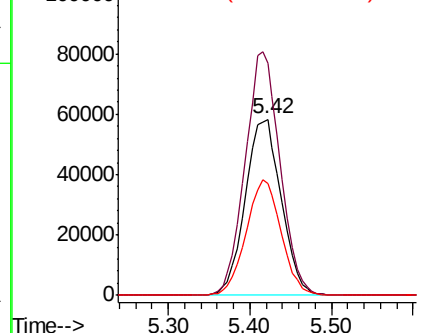
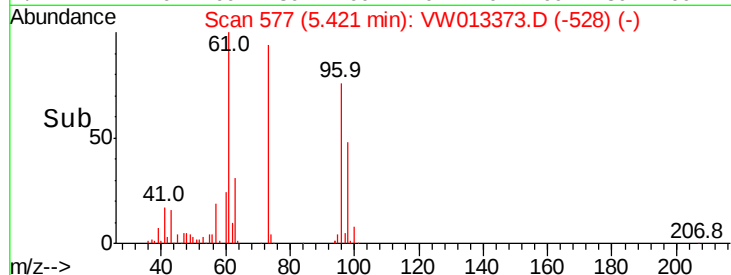
96 100

61 132.1 106.6 159.8

98 63.5 49.8 74.8



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



#22

Diisopropyl ether

Concen: 51.343 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Tgt Ion: 45 Resp: 495555

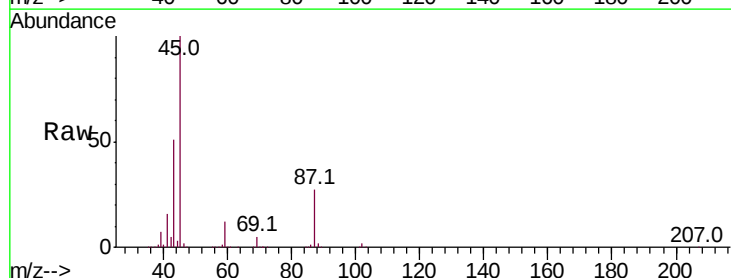
Ion Ratio Lower Upper

45 100

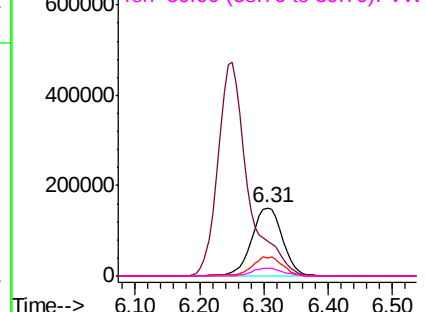
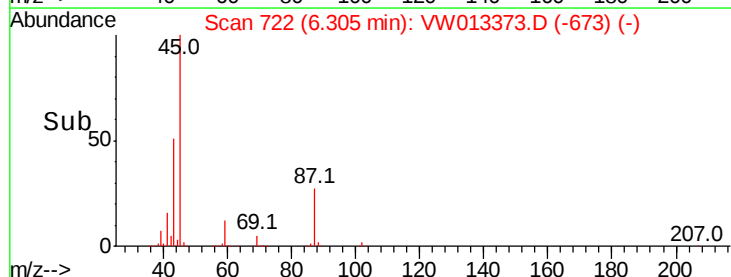
43 50.9 42.4 63.6

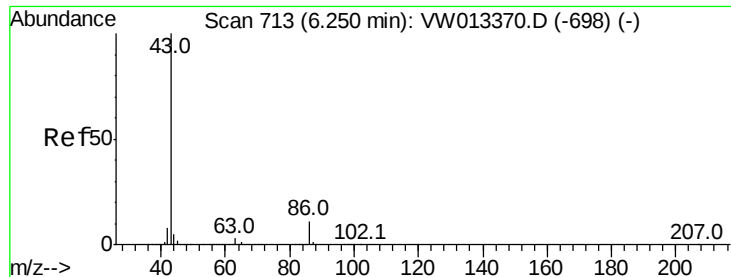
87 26.9 20.4 30.6

59 11.8 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 267.613 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

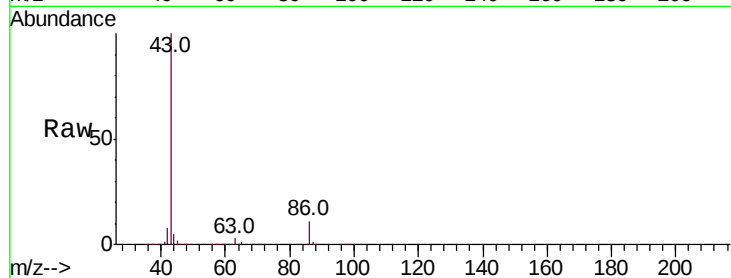
ICVWV100119

Tot Ion: 43 Resp: 1549896

Ion Ratio Lower Upper

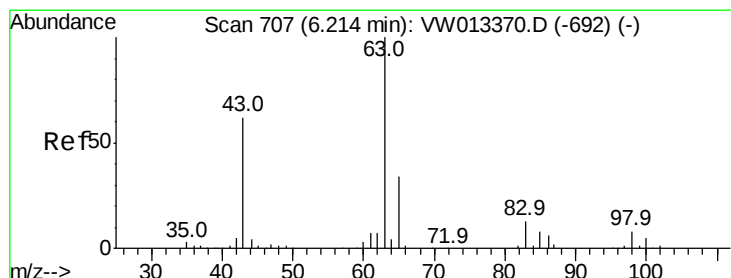
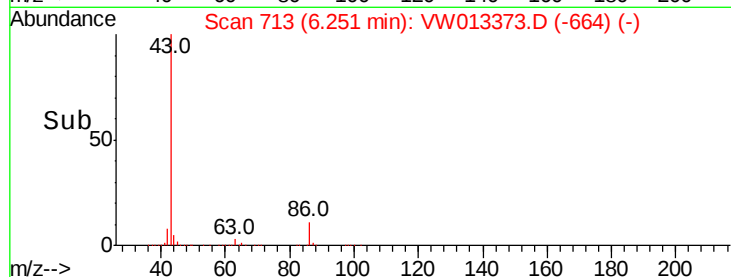
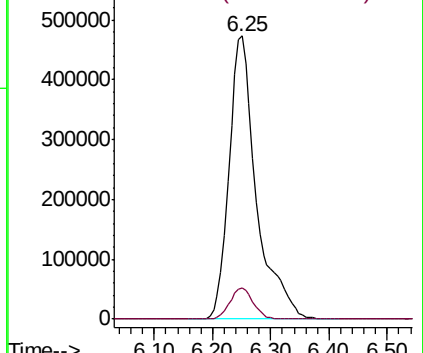
43 100

86 11.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.717 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

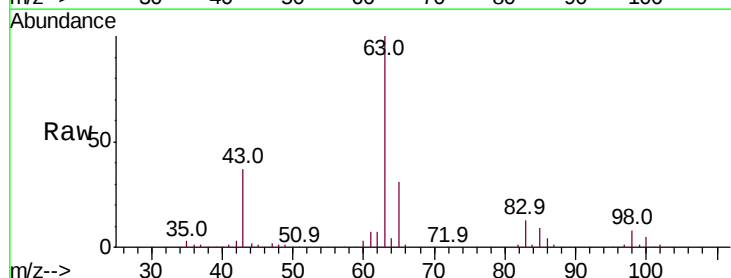
Tgt Ion: 63 Resp: 298156

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.5

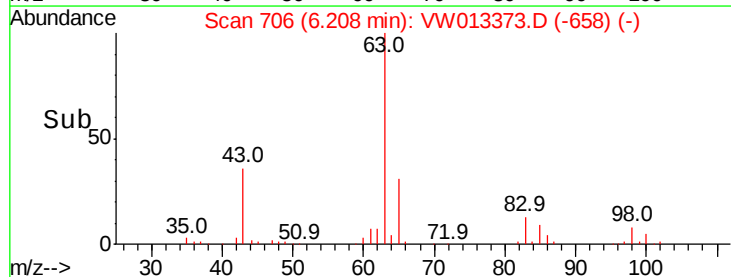
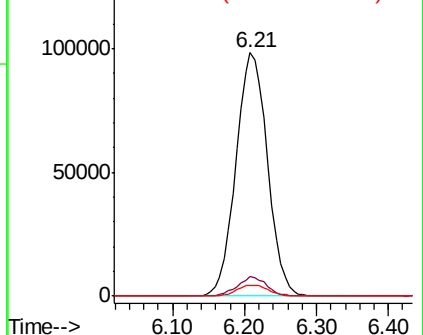
100 4.6 2.4 7.1

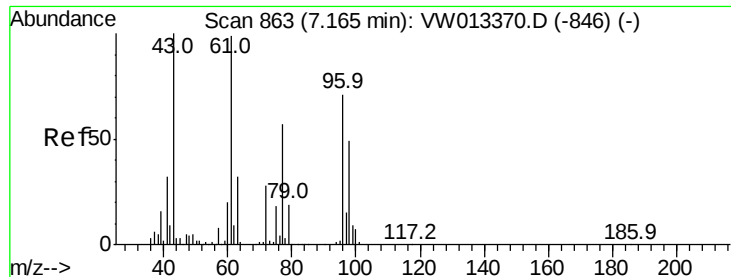


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 248.676 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

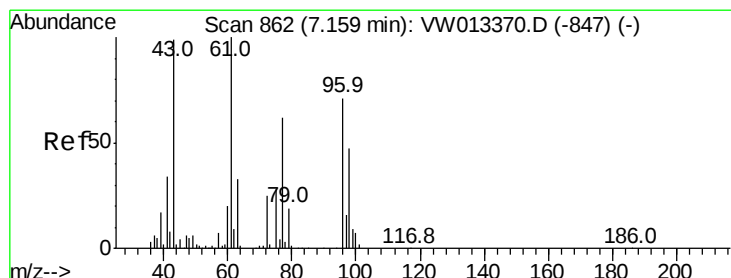
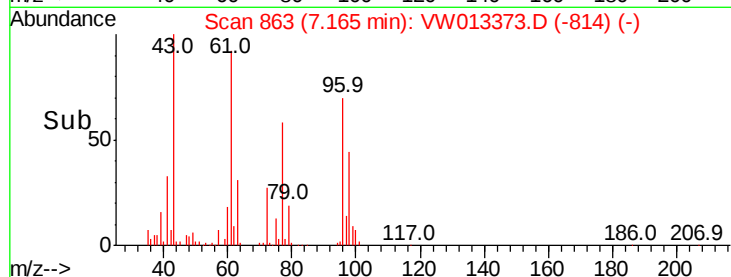
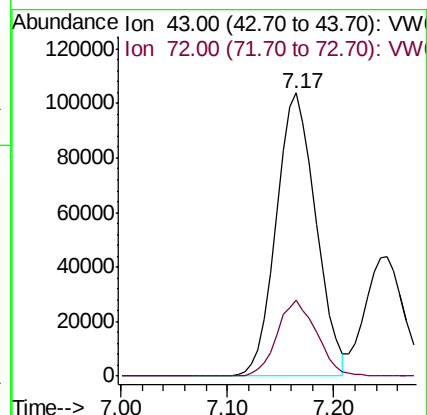
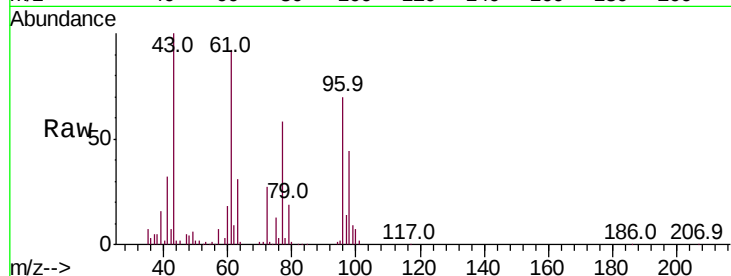
ICVW0100119

Tot Ion: 43 Resp: 267280

Ion Ratio Lower Upper

43 100

72 26.9 19.4 29.0



#26

2,2-Dichloropropane

Concen: 52.098 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013373.D

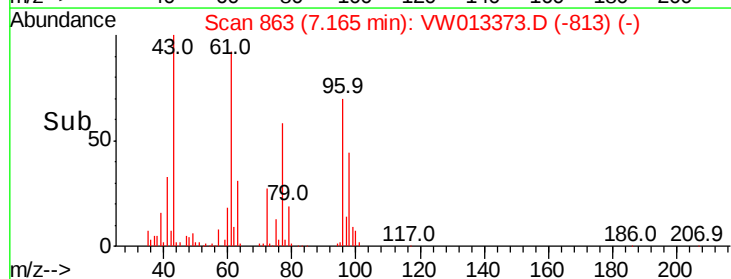
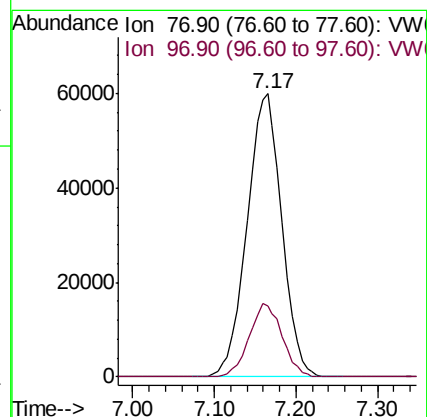
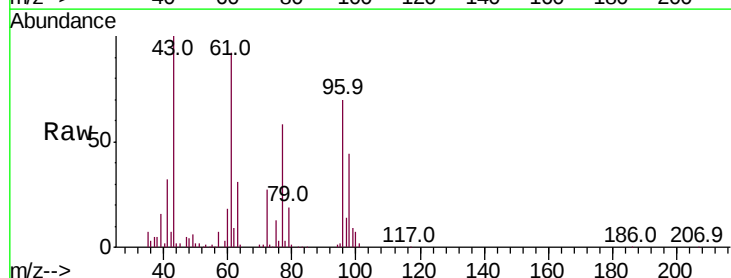
Acq: 01 Oct 2019 17:45

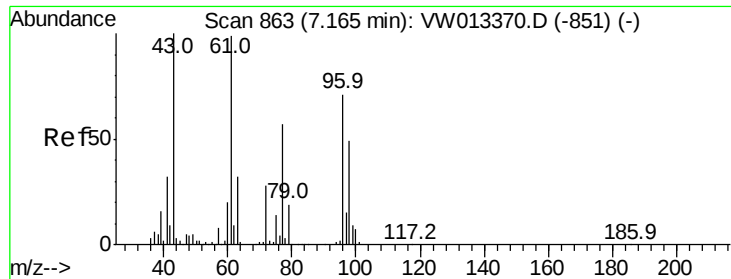
Tgt Ion: 77 Resp: 176969

Ion Ratio Lower Upper

77 100

97 24.7 11.8 35.4



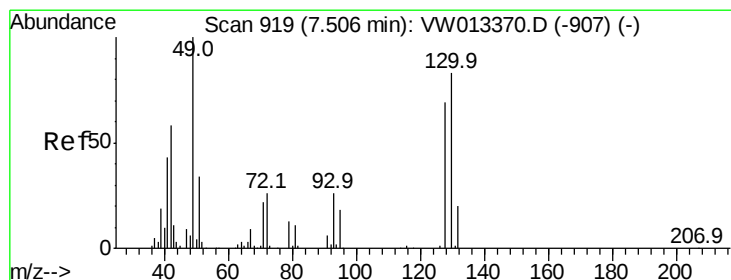
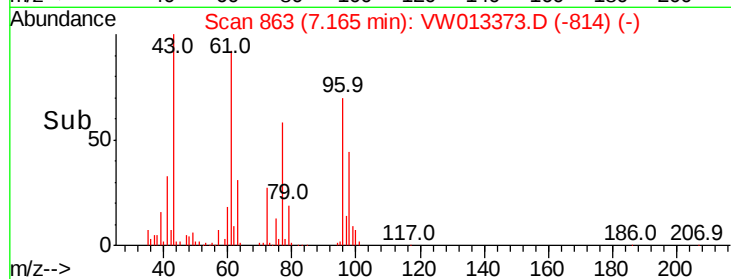
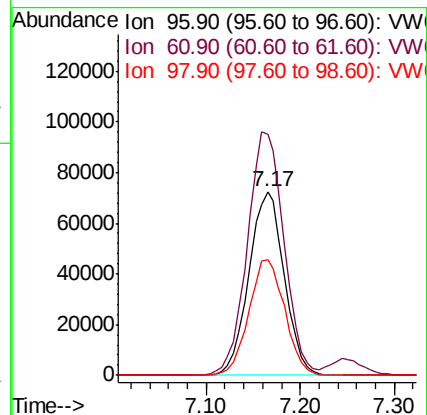
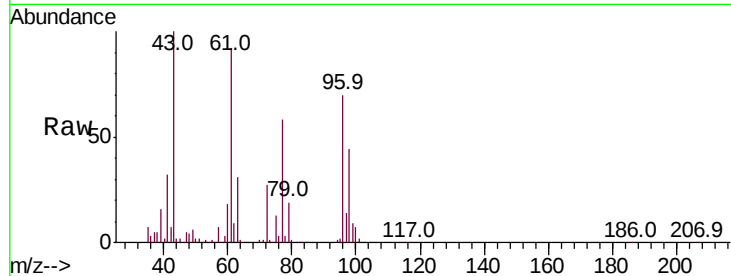


#27

cis-1,2-Dichloroethene
Concen: 50.647 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Instrument :
MSVOA_W
ClientSampleId :
ICVW100119

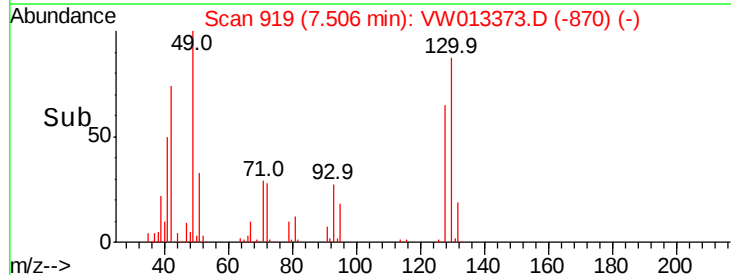
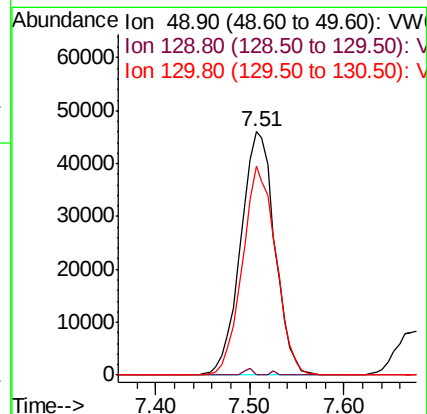
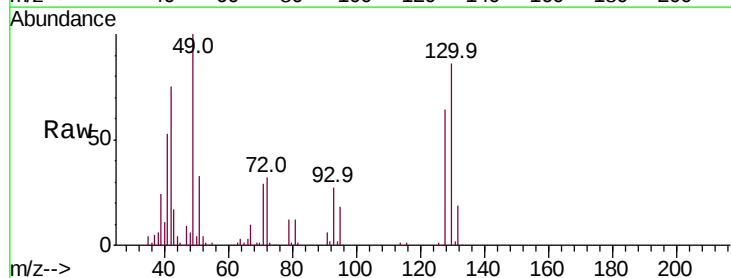
Tot Ion: 96 Resp: 190740
Ion Ratio Lower Upper
96 100
61 137.3 0.0 282.4
98 63.9 0.0 128.2

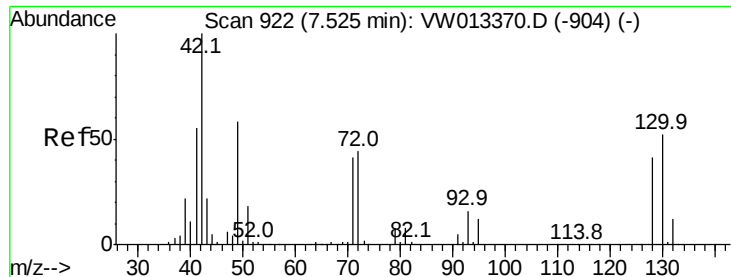


#28

Bromochloromethane
Concen: 54.511 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion: 49 Resp: 115865
Ion Ratio Lower Upper
49 100
129 0.7 0.0 1.0
130 84.0 63.4 95.2





#29

Tetrahydrofuran

Concen: 266.119 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVW100119

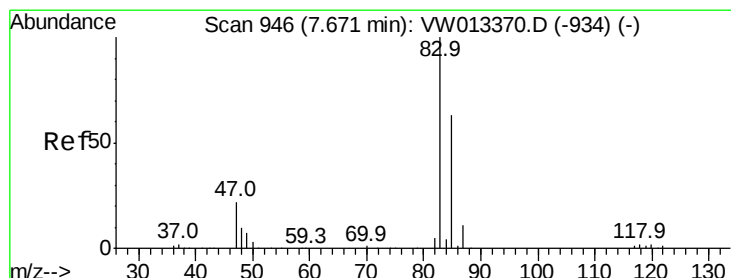
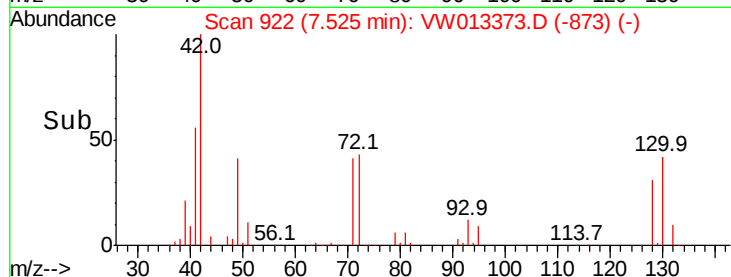
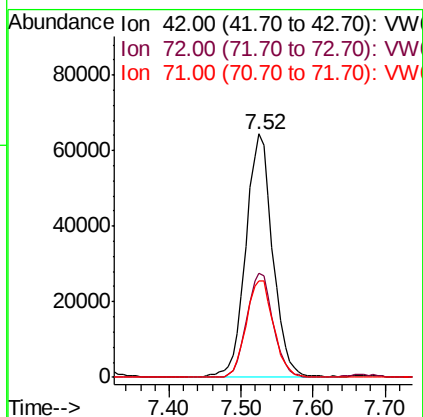
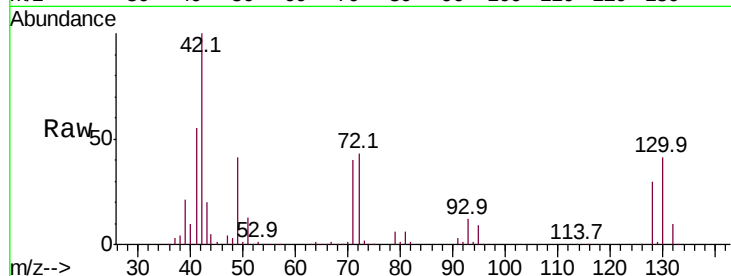
Tot Ion: 42 Resp: 166772

Ion Ratio Lower Upper

42 100

72 42.2 33.9 50.9

71 40.5 31.9 47.9



#30

Chloroform

Concen: 49.187 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW013373.D

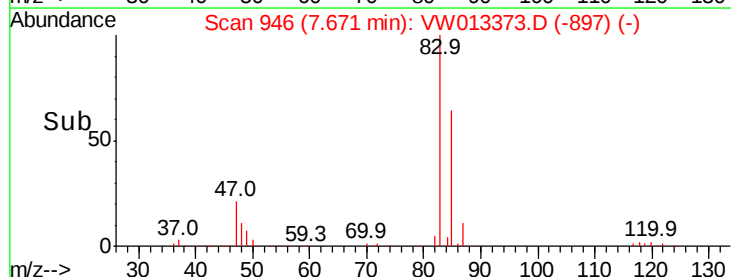
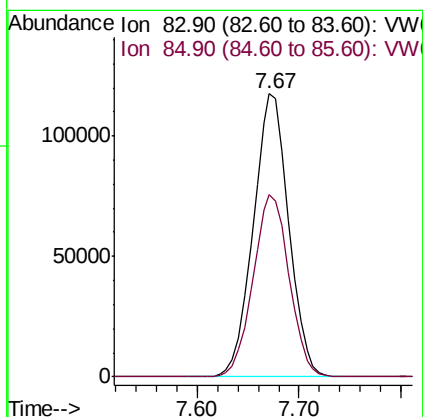
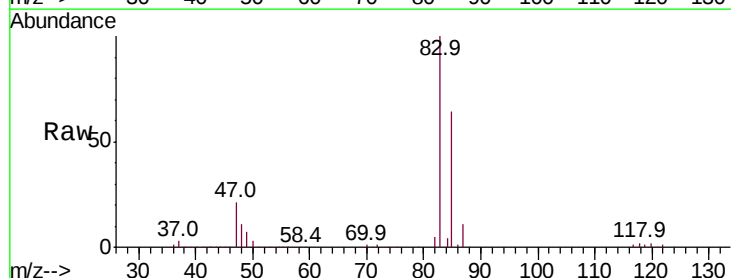
Acq: 01 Oct 2019 17:45

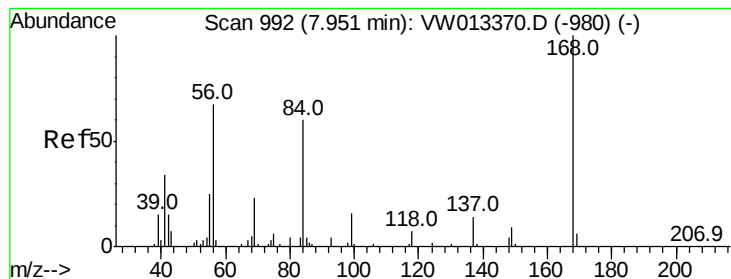
Tgt Ion: 83 Resp: 283543

Ion Ratio Lower Upper

83 100

85 64.4 52.3 78.5





#31

Cyclohexane

Concen: 48.465 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVW100119

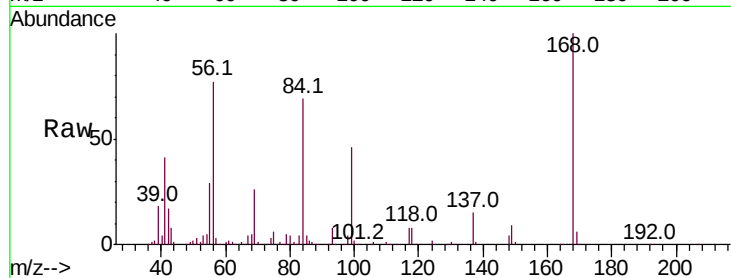
Tot Ion: 56 Resp: 303851

Ion Ratio Lower Upper

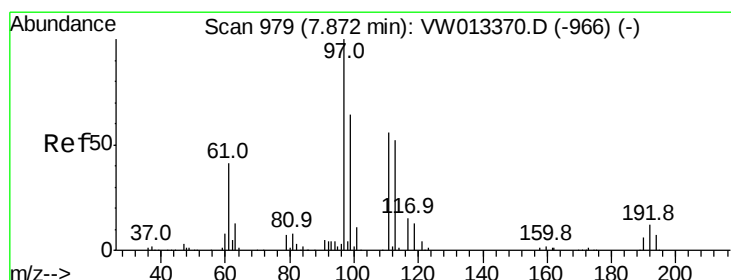
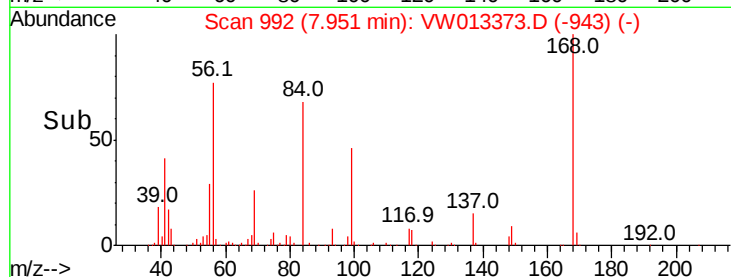
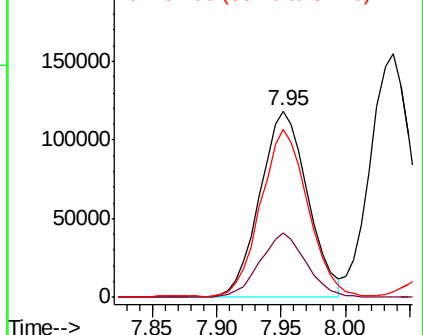
56 100

69 34.4 27.2 40.8

84 89.2 70.8 106.2



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 50.587 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

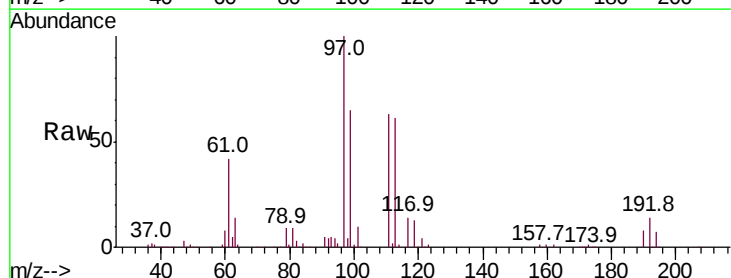
Tgt Ion: 97 Resp: 228458

Ion Ratio Lower Upper

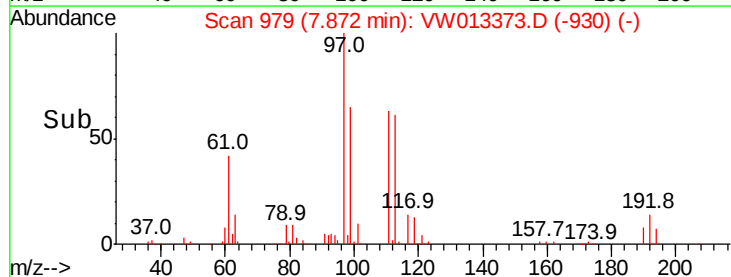
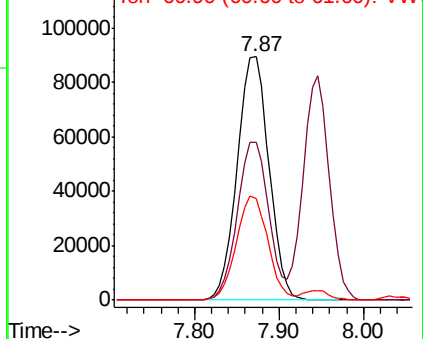
97 100

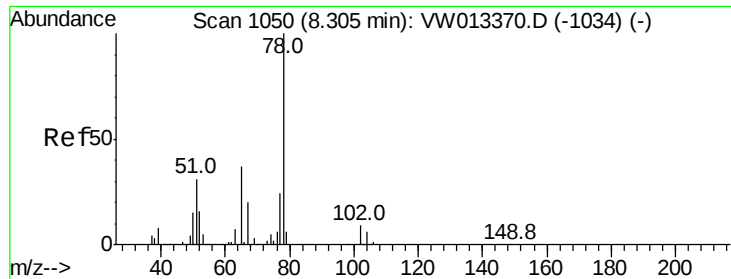
99 64.6 51.7 77.5

61 42.4 34.6 51.8



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





#33

1,2-Dichloroethane-d4

Concen: 54.777 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

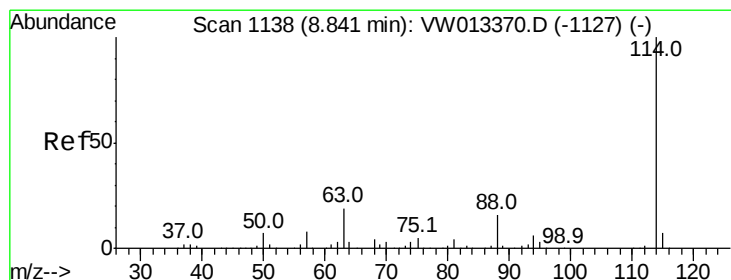
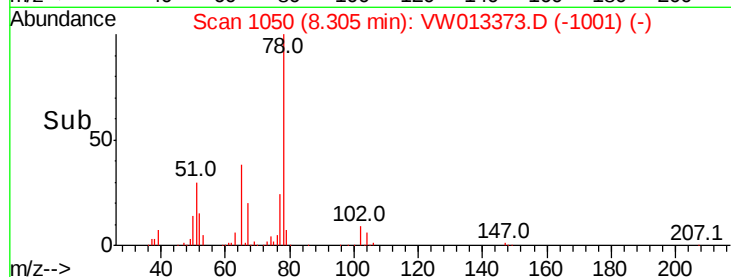
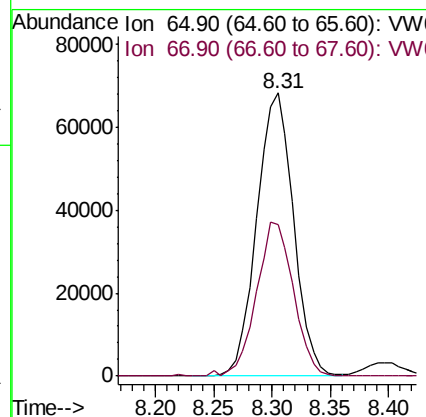
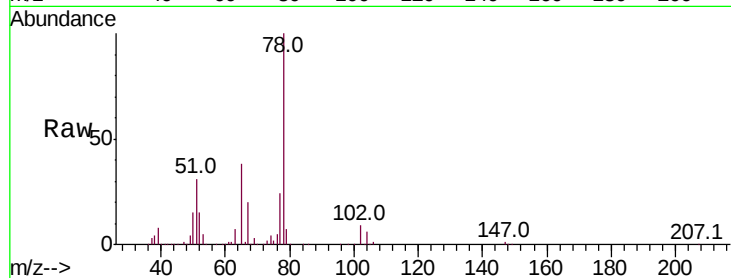
Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100119

Tot Ion: 65 Resp: 150110

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

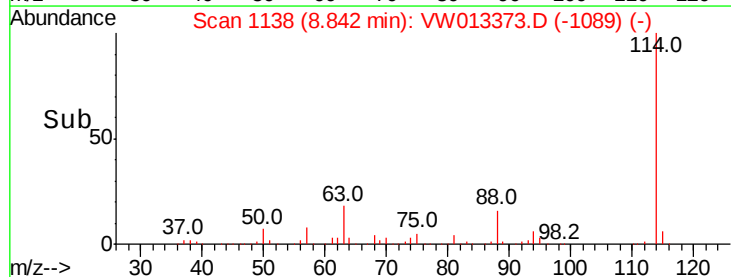
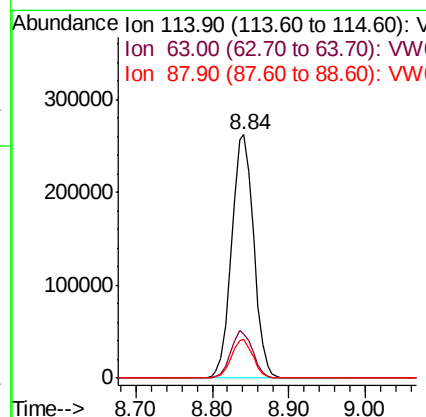
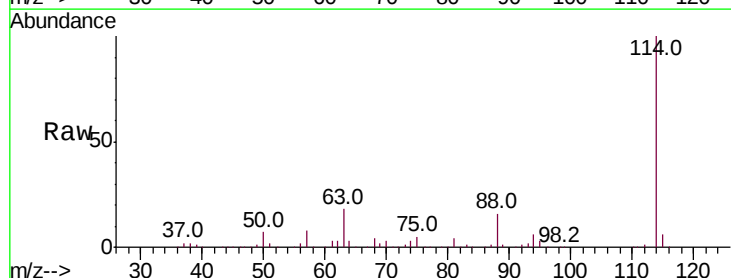
Delta R.T. 0.00 min

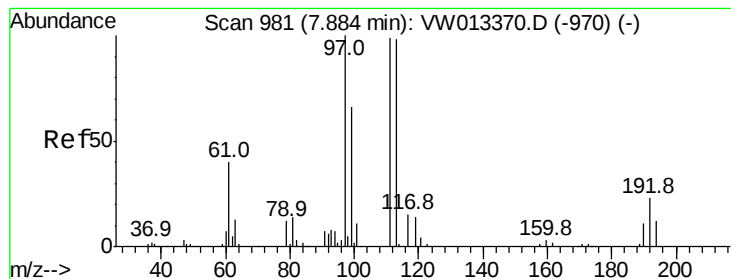
Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Tgt Ion: 114 Resp: 520779

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	41.4
88	15.8	0.0	32.0





#35

Dibromofluoromethane

Concen: 55.837 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100119

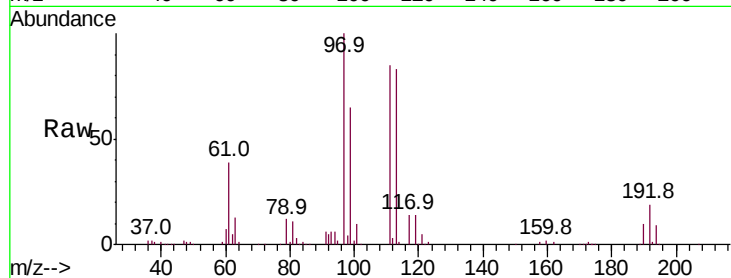
Tot Ion:113 Resp: 152584

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

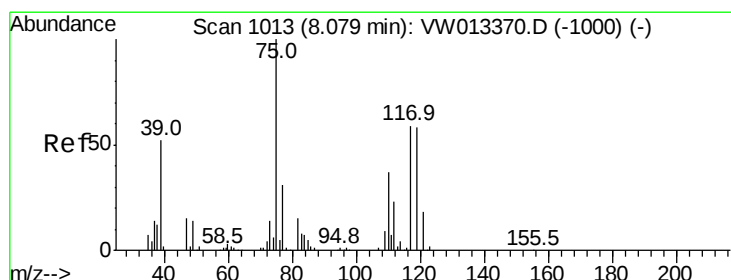
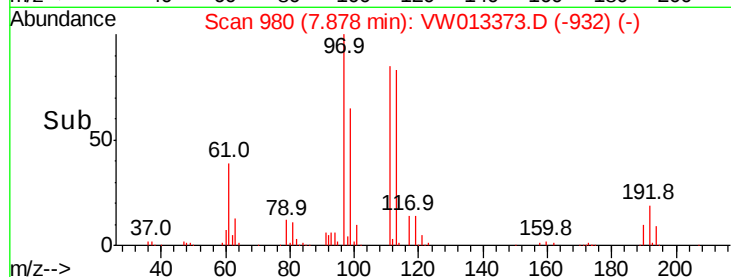
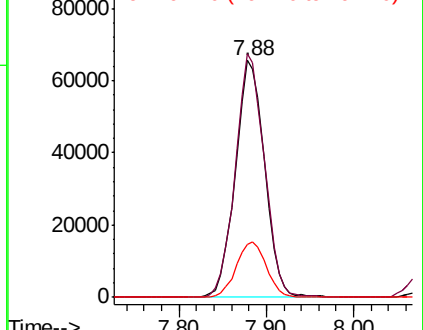
192 23.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.076 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

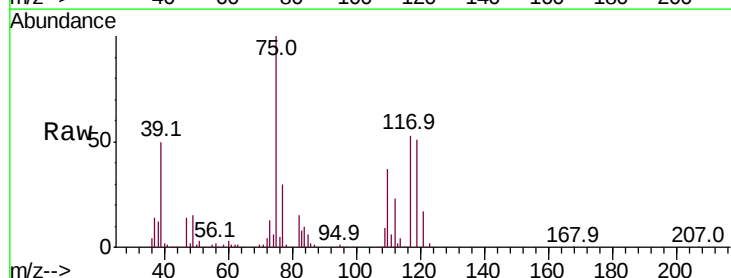
Tgt Ion: 75 Resp: 247055

Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.3

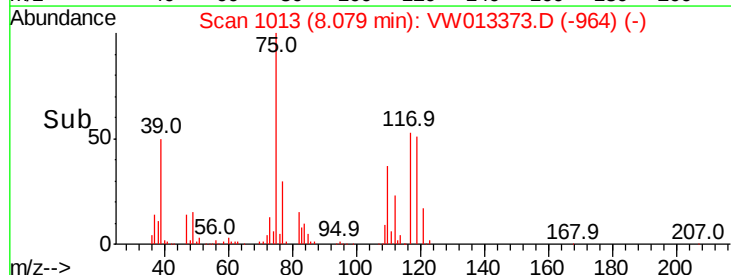
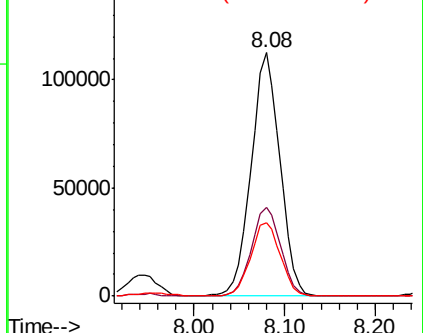
77 31.2 25.8 38.6

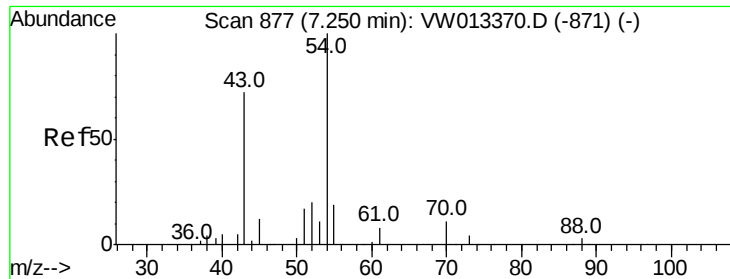


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

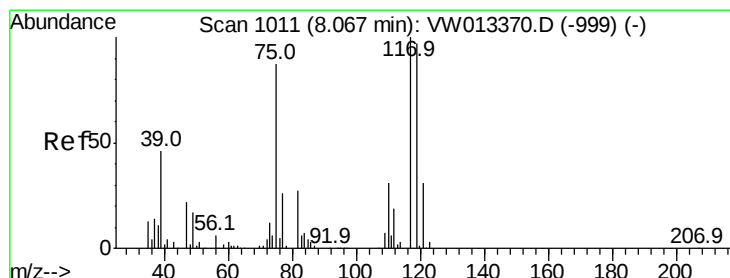
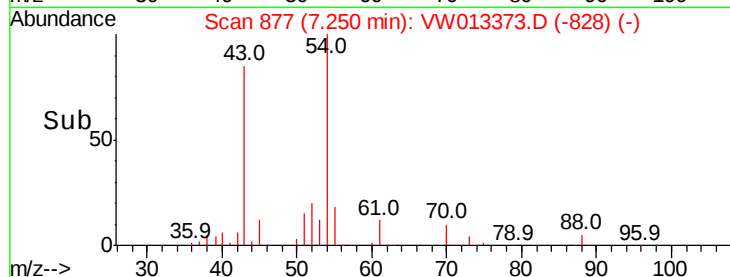
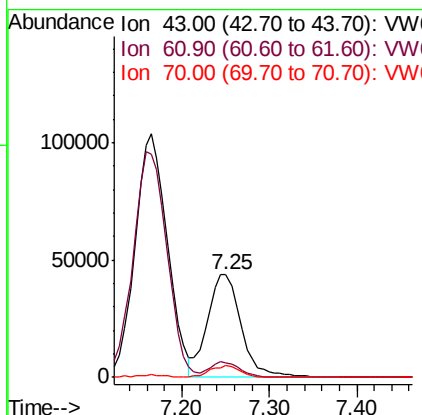
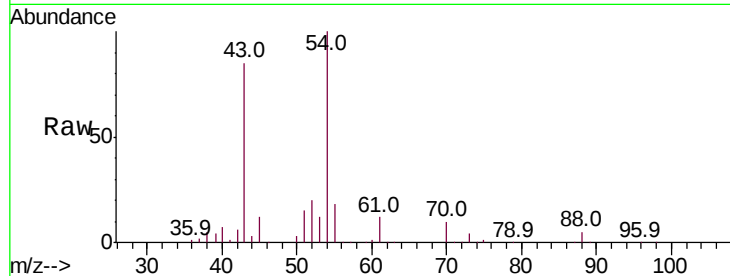




#37
Ethyl Acetate
Concen: 54.318 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

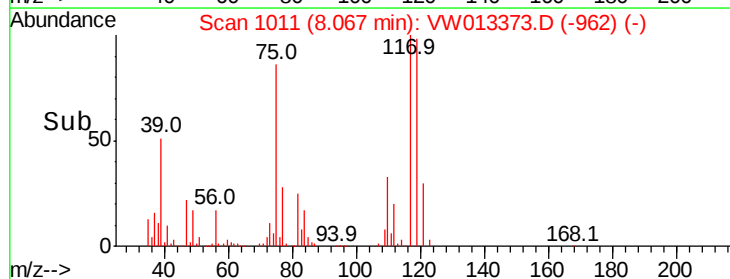
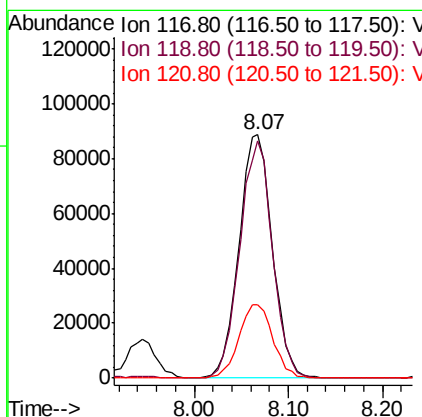
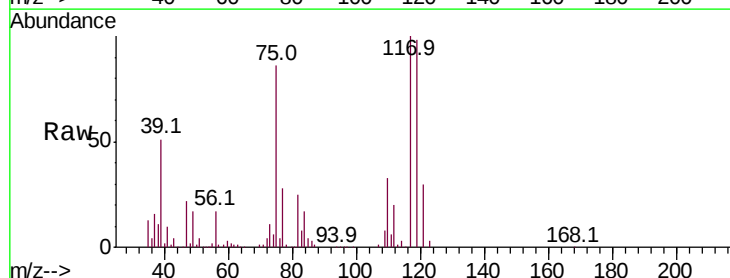
Instrument :
MSVOA_W
ClientSampleId :
ICVW100119

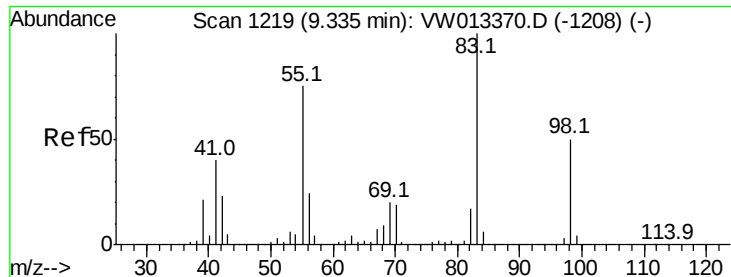
Tot Ion: 43 Resp: 115987
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 10.6 8.2 12.2



#38
Carbon Tetrachloride
Concen: 52.307 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion: 117 Resp: 219170
Ion Ratio Lower Upper
117 100
119 97.7 73.5 110.3
121 30.1 25.0 37.6

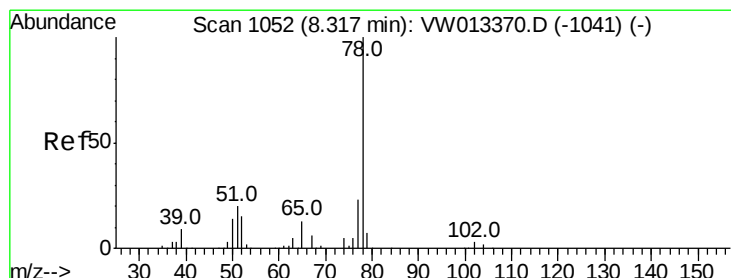
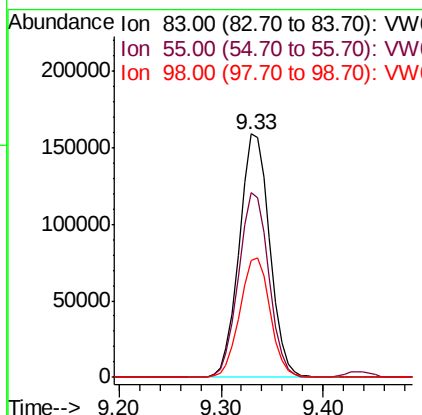
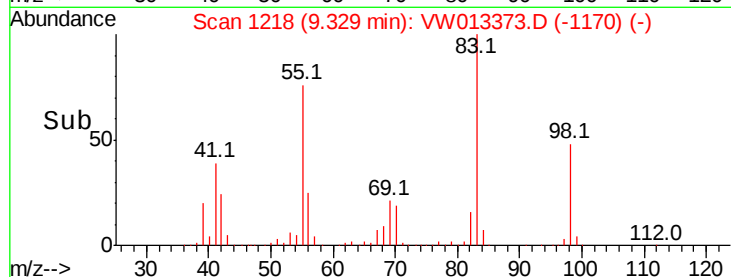
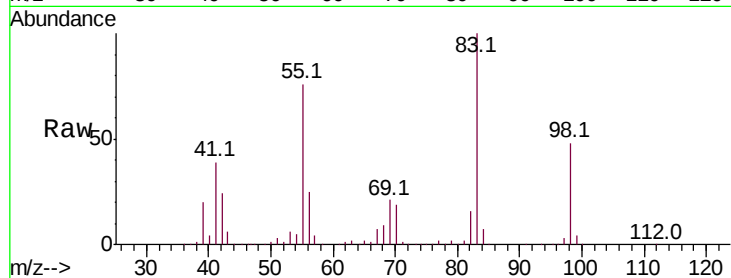




#39
Methvlcvclohexane
Concen: 51.700 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

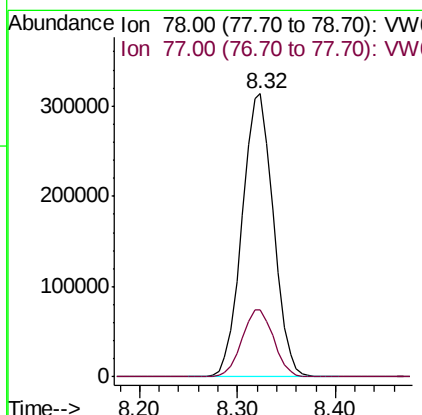
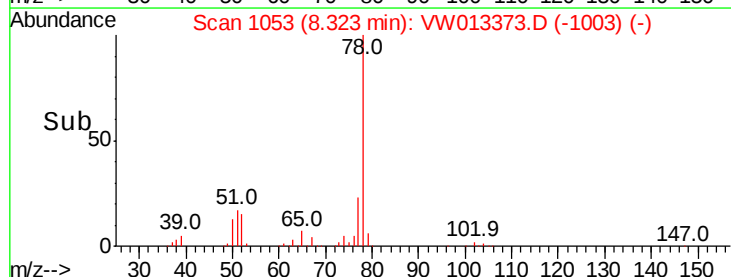
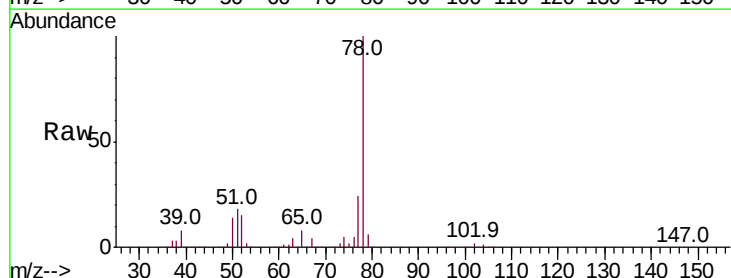
Instrument :
MSVOA_W
ClientSampleId :
ICVW100119

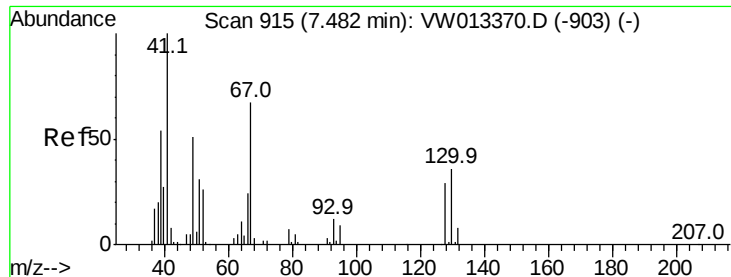
Tot Ion: 83 Resp: 329341
Ion Ratio Lower Upper
83 100
55 75.8 60.4 90.6
98 47.9 40.0 60.0



#40
Benzene
Concen: 50.760 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion: 78 Resp: 695042
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

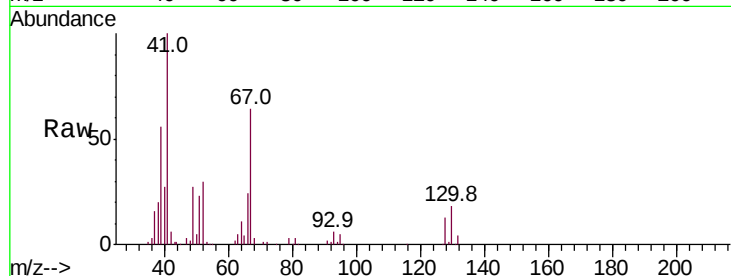




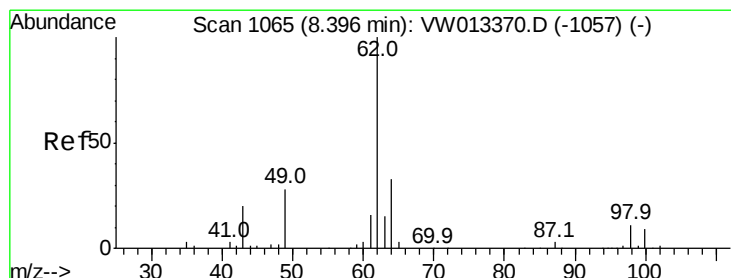
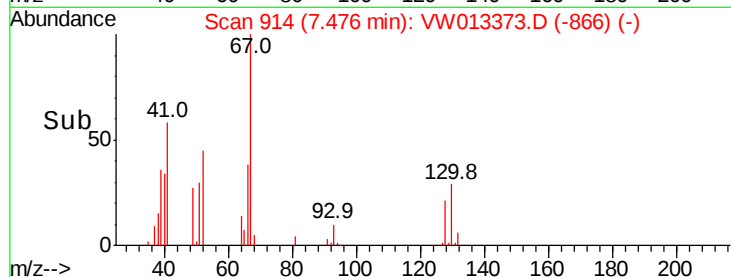
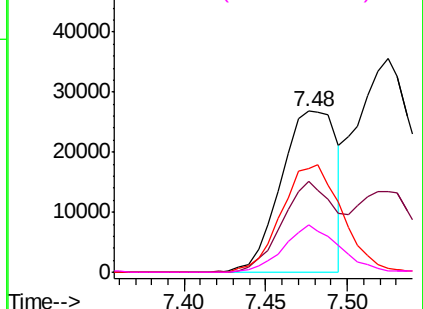
#41
Methacrylonitrile
Concen: 49.413 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100119

Tot Ion:	41	Resp:	63602
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.9	68.9
67	72.5	54.5	81.7
52	29.6	22.5	33.7

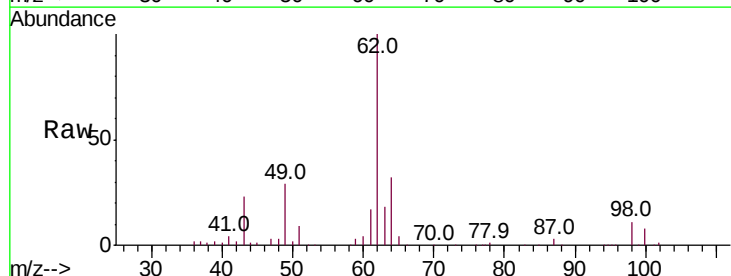


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

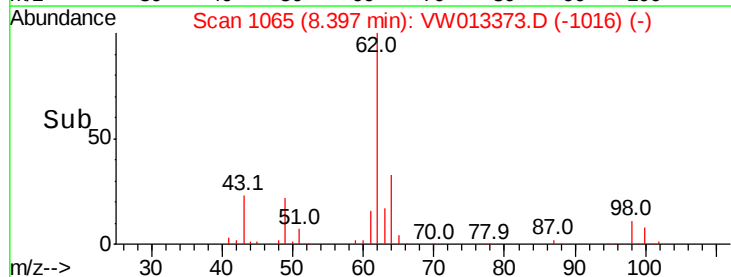
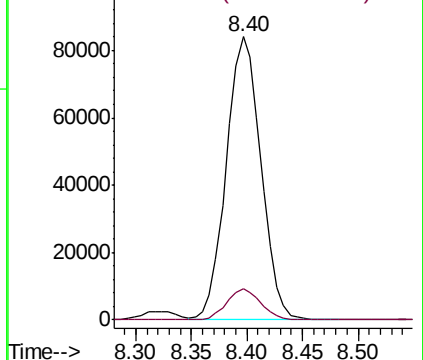


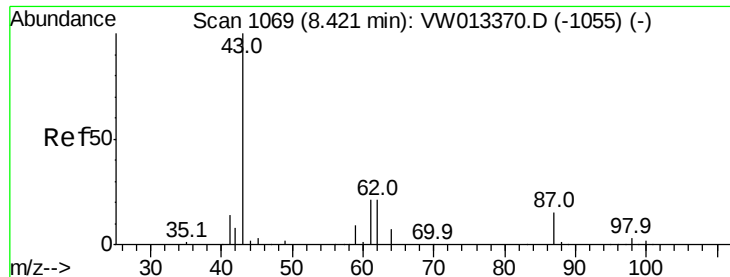
#42
1,2-Dichloroethane
Concen: 51.416 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion:	62	Resp:	180944
Ion	Ratio	Lower	Upper
62	100		
98	10.8	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: 52.243 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVW100119

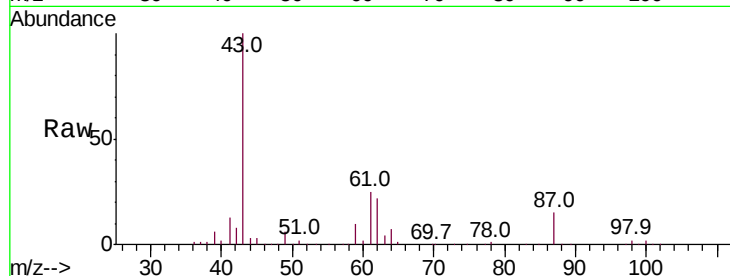
Tot Ion: 43 Resp: 209904

Ion Ratio Lower Upper

43 100

61 31.7 25.5 38.3

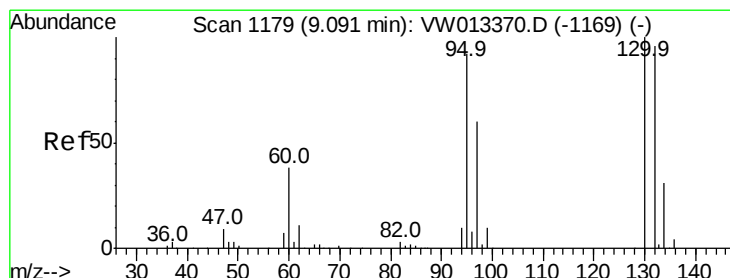
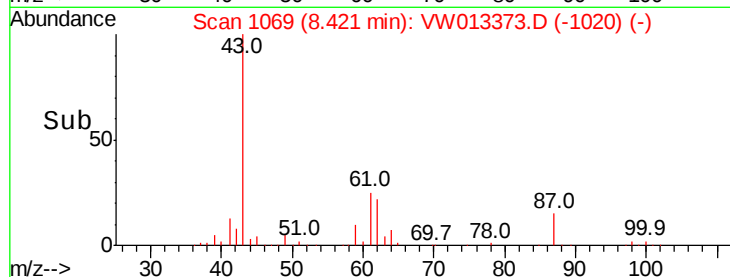
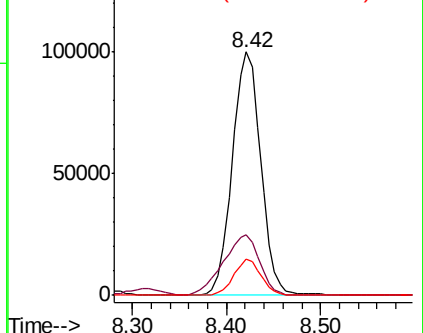
87 14.3 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.403 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW013373.D

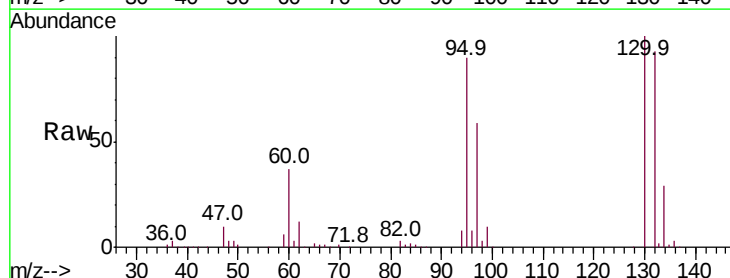
Acq: 01 Oct 2019 17:45

Tgt Ion: 130 Resp: 198204

Ion Ratio Lower Upper

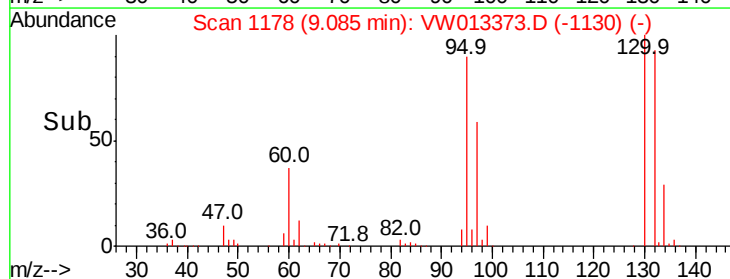
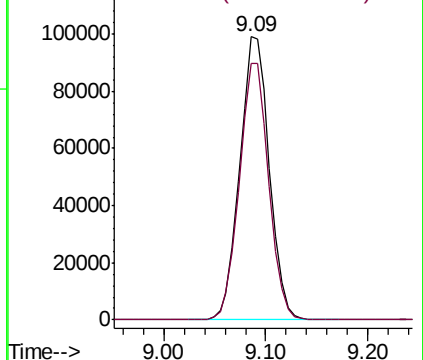
130 100

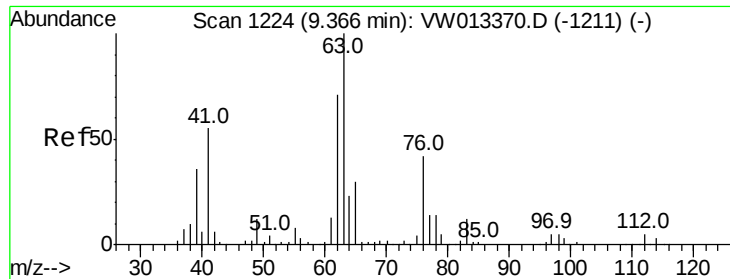
95 90.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

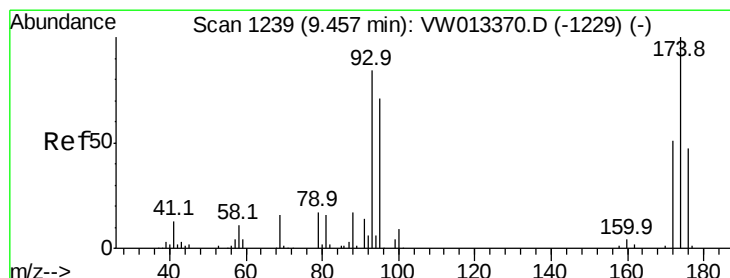
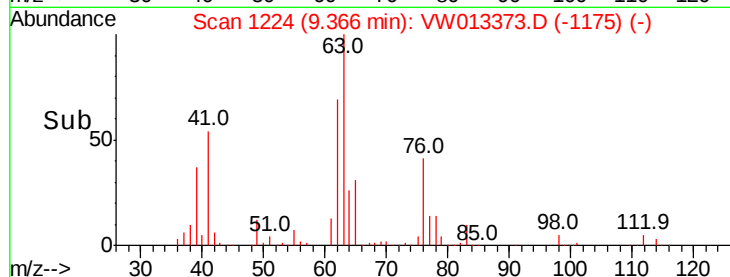
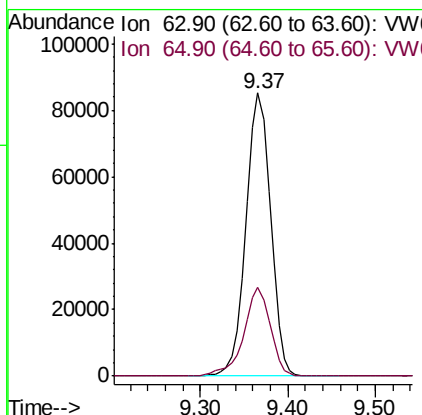
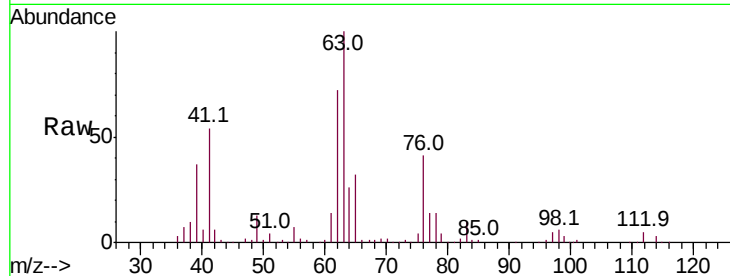




#45
 1,2-Dichloropropane
 Concen: 50.900 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013373.D
 Acq: 01 Oct 2019 17:45

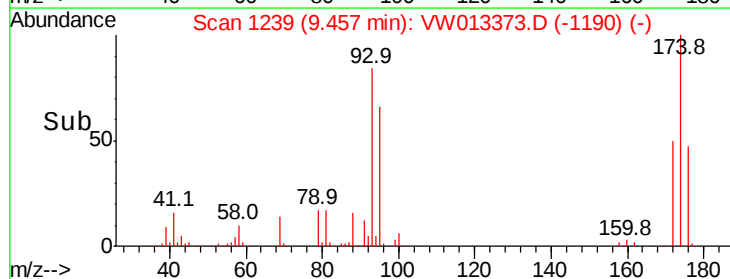
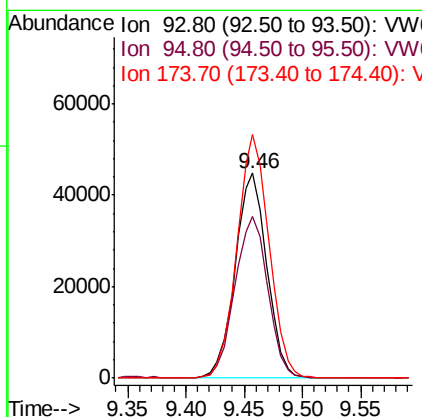
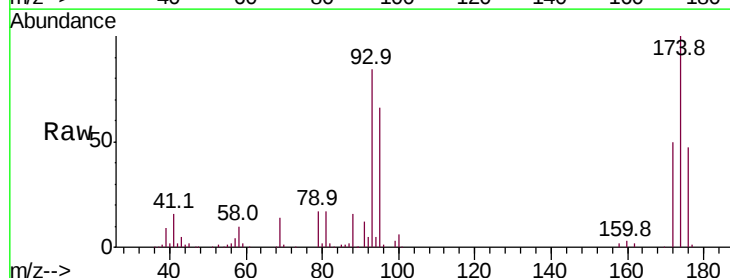
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100119

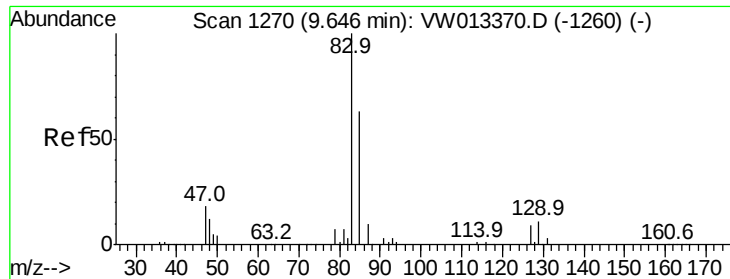
Tot Ion: 63 Resp: 167339
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.3 37.9



#46
 Dibromomethane
 Concen: 52.041 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013373.D
 Acq: 01 Oct 2019 17:45

Tgt Ion: 93 Resp: 85217
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.4 99.6
 174 119.9 93.0 139.6





#47

Bromodichloromethane

Concen: 51.910 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

ICVWV100119

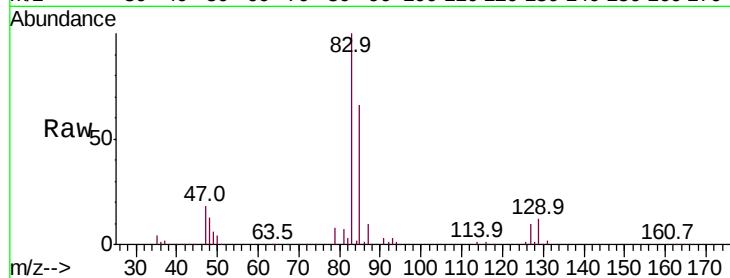
Tot Ion: 83 Resp: 209257

Ion Ratio Lower Upper

83 100

85 66.0 49.4 74.2

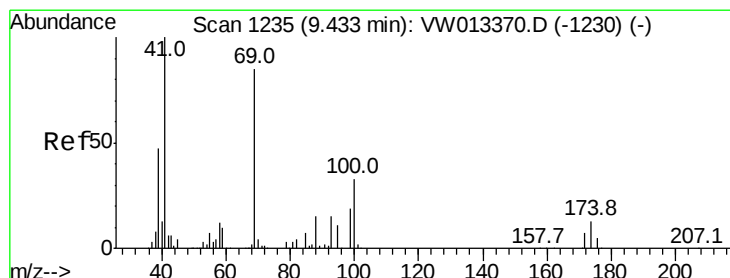
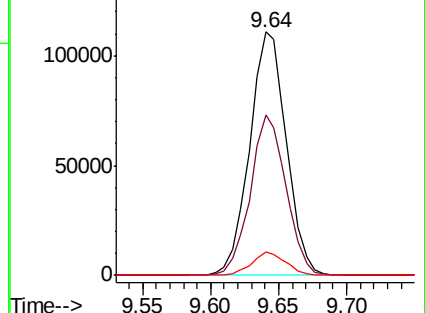
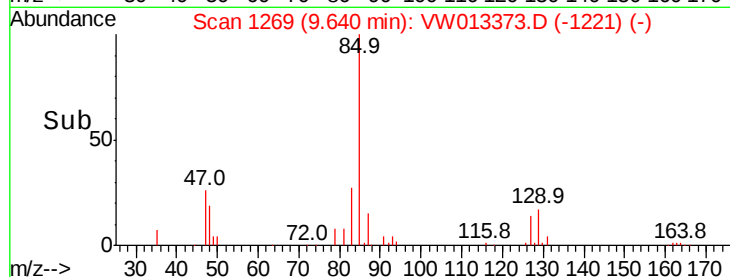
127 9.6 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VWV

Ion 84.90 (84.60 to 85.60): VWV

Ion 126.80 (126.50 to 127.50): VWV



#48

Methyl methacrylate

Concen: 50.953 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

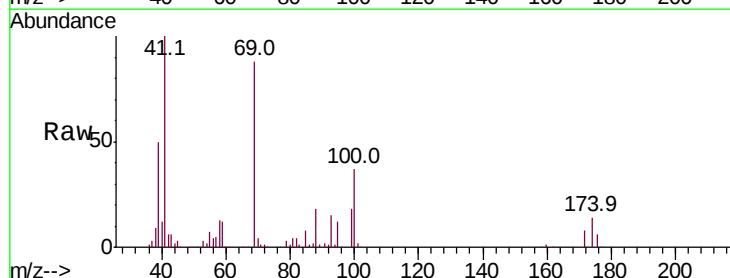
Tgt Ion: 41 Resp: 98368

Ion Ratio Lower Upper

41 100

69 91.3 69.7 104.5

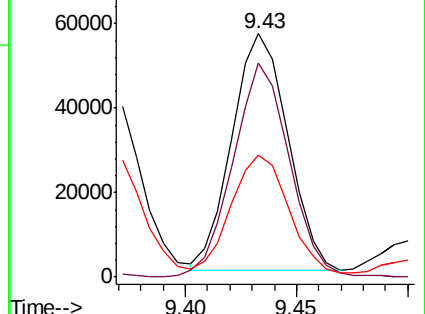
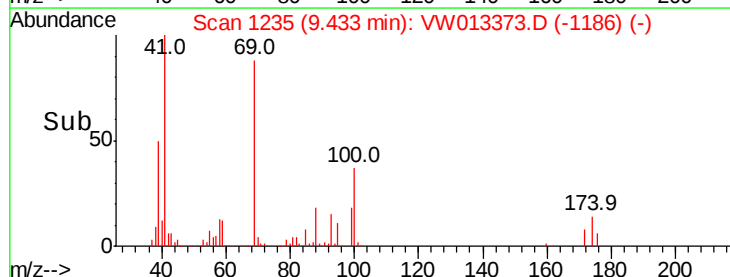
39 50.6 41.1 61.7

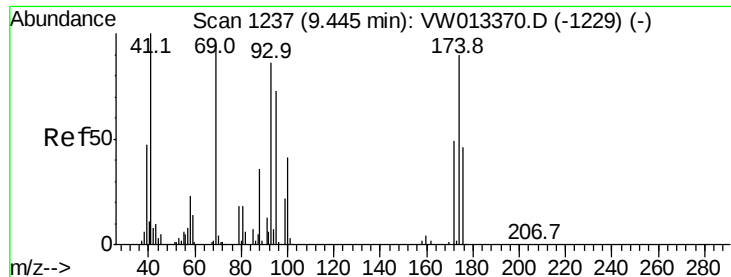


Abundance Ion 41.00 (40.70 to 41.70): VWV

Ion 69.00 (68.70 to 69.70): VWV

Ion 39.00 (38.70 to 39.70): VWV





#49

1,4-Dioxane

Concen: 1171.263 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :
MSVOA_W
ClientSampleId :
ICVW100119

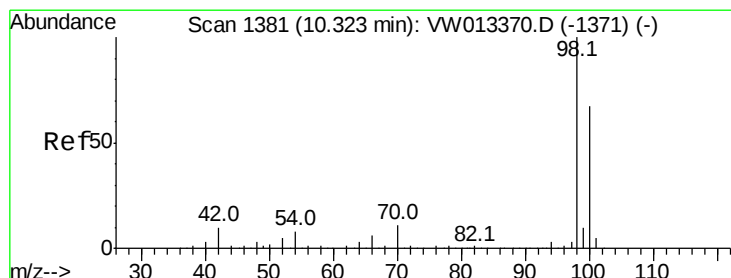
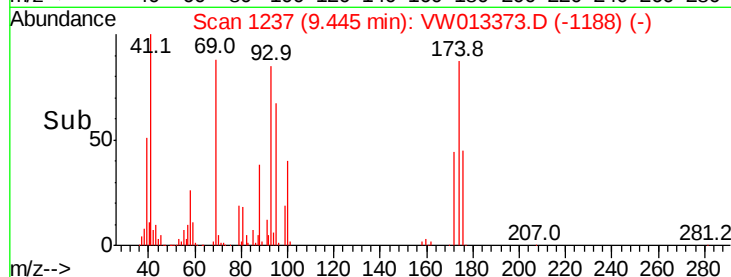
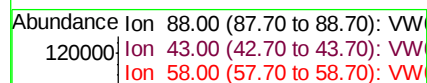
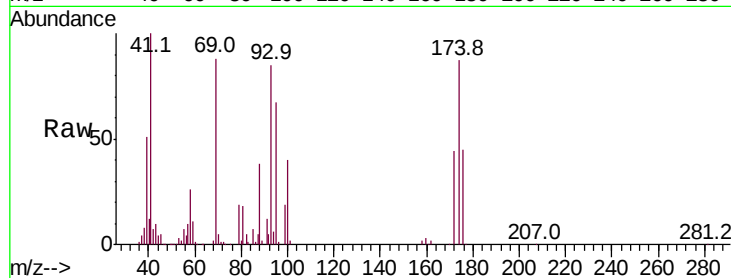
Tot Ion: 88 Resp: 29487

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 68.6 65.4 98.0



#50

Toluene-d8

Concen: 56.587 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013373.D

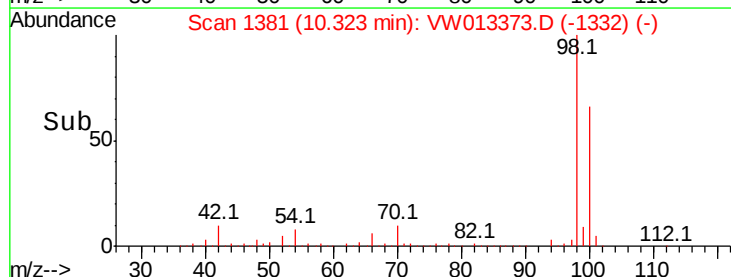
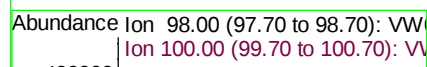
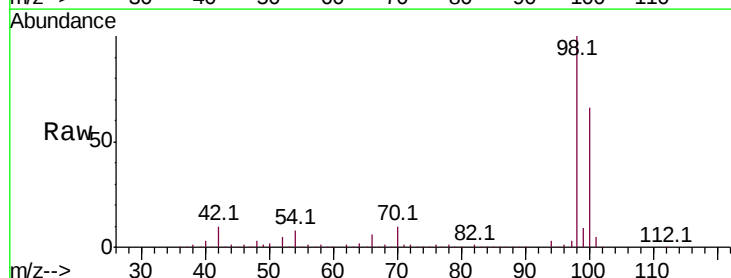
Acq: 01 Oct 2019 17:45

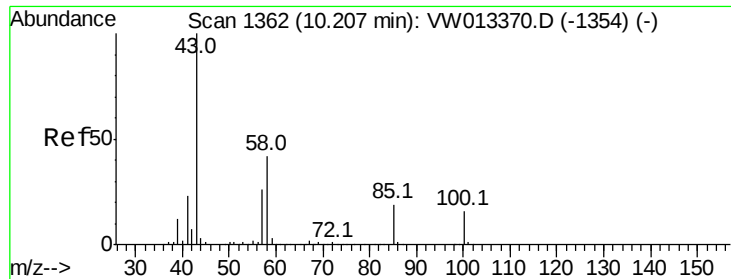
Tgt Ion: 98 Resp: 641699

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 258.977 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

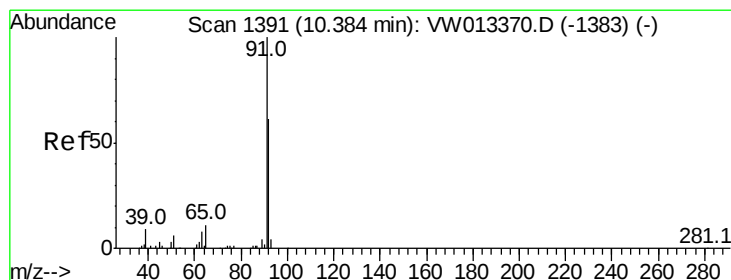
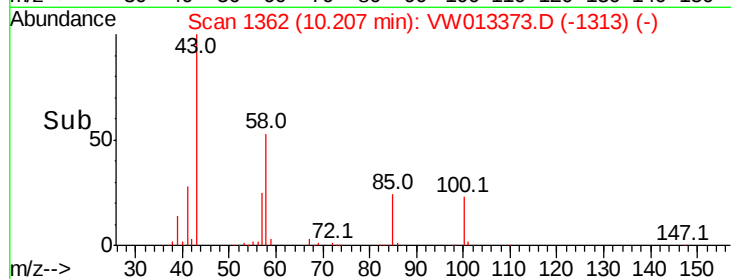
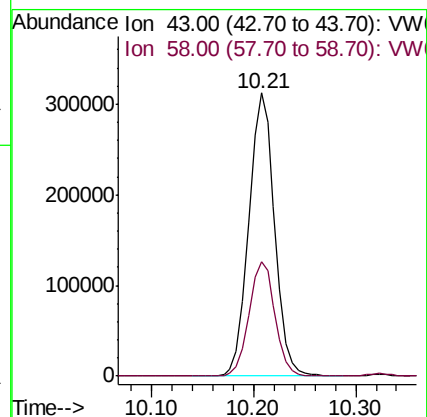
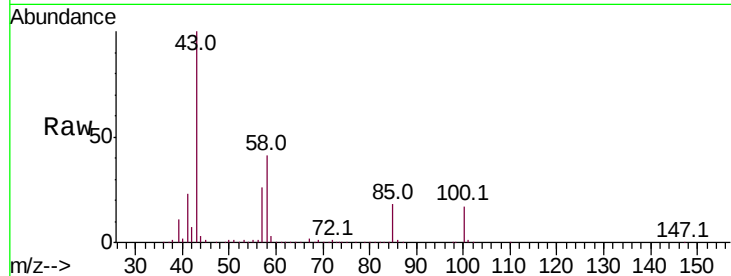
ICVW100119

Tot Ion: 43 Resp: 546694

Ion Ratio Lower Upper

43 100

58 40.8 31.7 47.5



#52

Toluene

Concen: 50.976 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013373.D

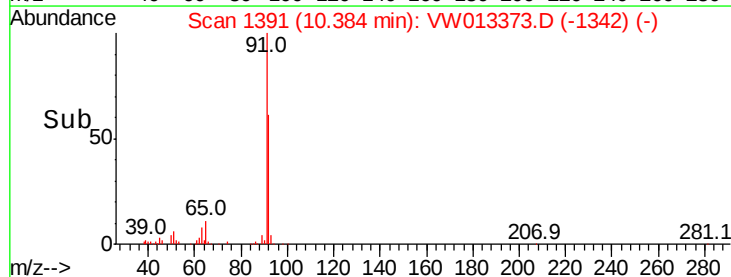
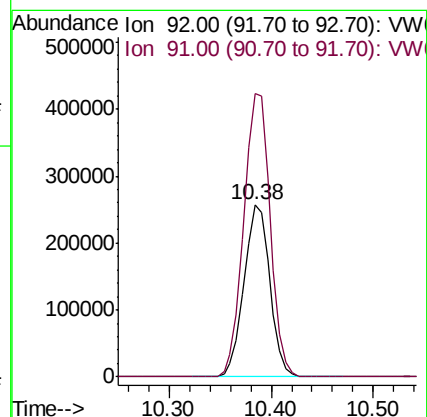
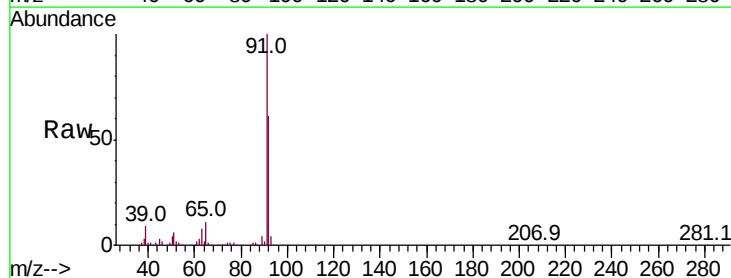
Acq: 01 Oct 2019 17:45

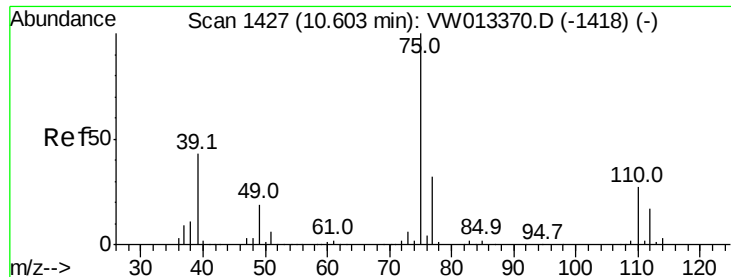
Tgt Ion: 92 Resp: 450210

Ion Ratio Lower Upper

92 100

91 168.7 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 53.259 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

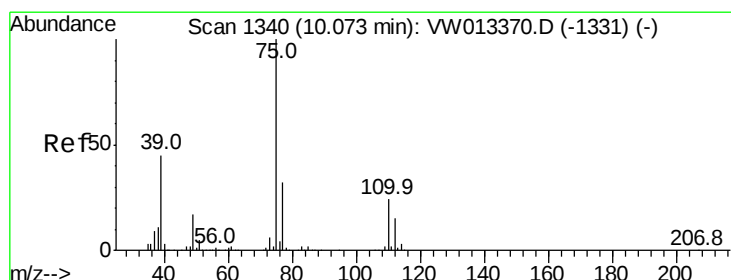
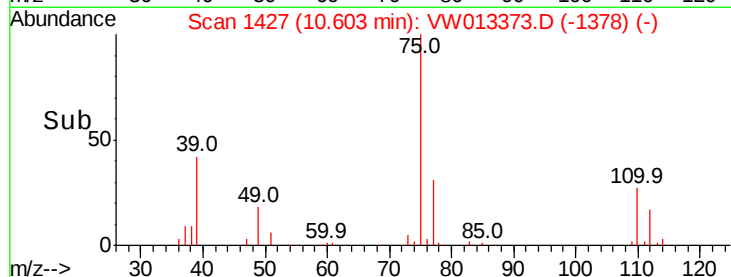
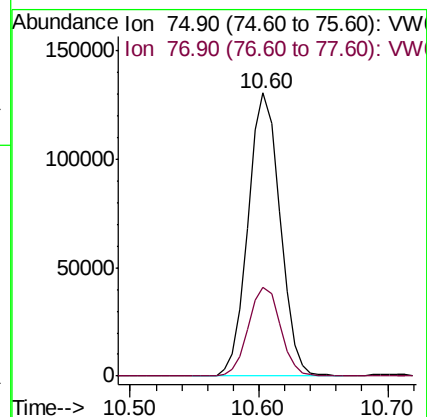
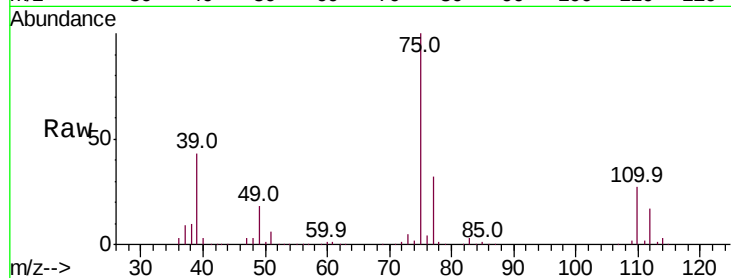
ICVWV100119

Tot Ion: 75 Resp: 223315

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.771 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

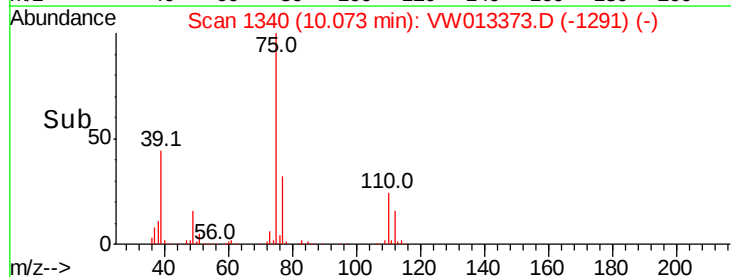
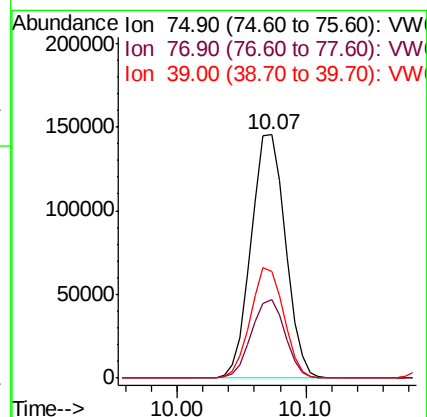
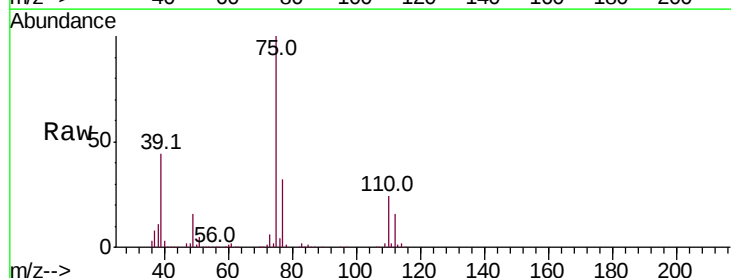
Tgt Ion: 75 Resp: 268274

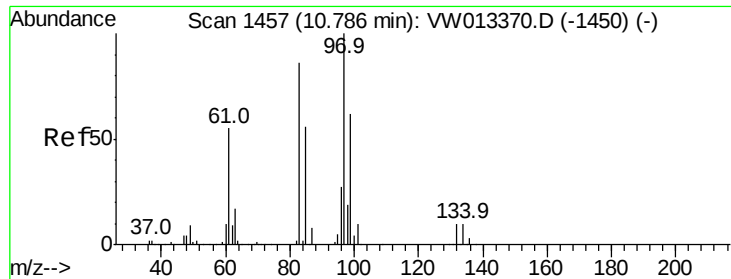
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

39 44.0 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 50.951 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

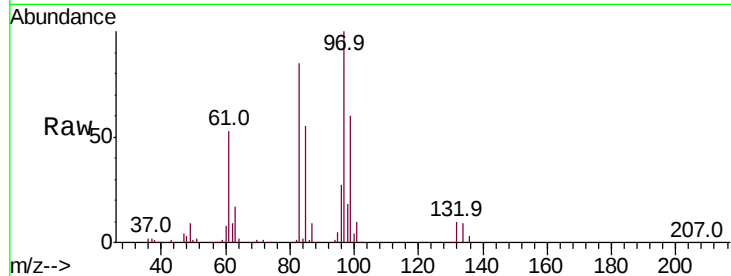
MSVOA_W

ClientSampleId :

ICVWV100119

Tot Ion: 97 Resp: 124463

Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.6	101.4
85	54.5	41.9	62.9
99	60.5	50.1	75.1



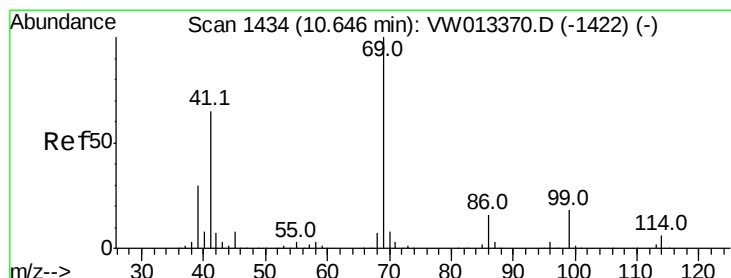
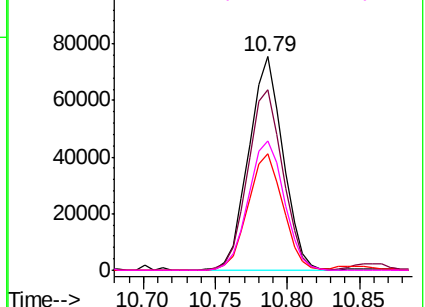
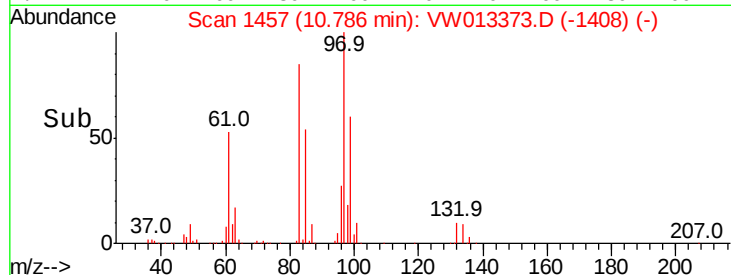
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 54.087 ug/l

RT: 10.65 min Scan# 1434

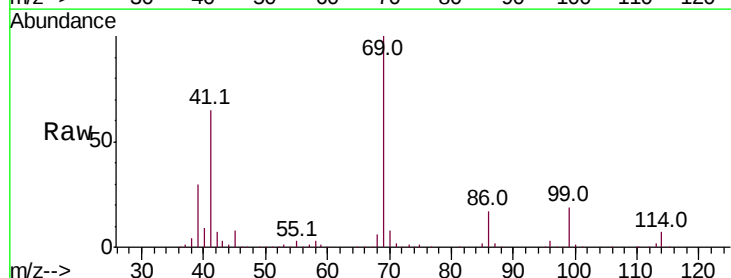
Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Tgt Ion: 69 Resp: 177838

Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.9	80.9
39	26.8	23.8	35.6

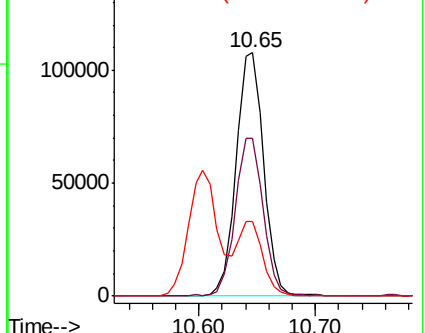
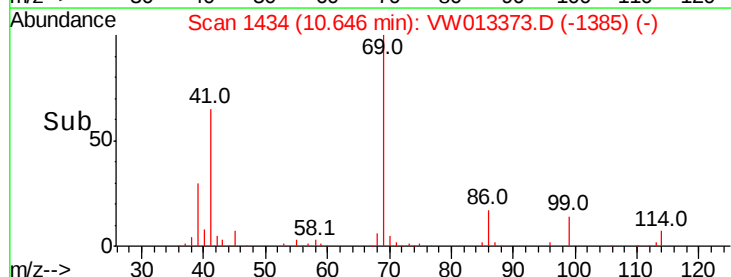


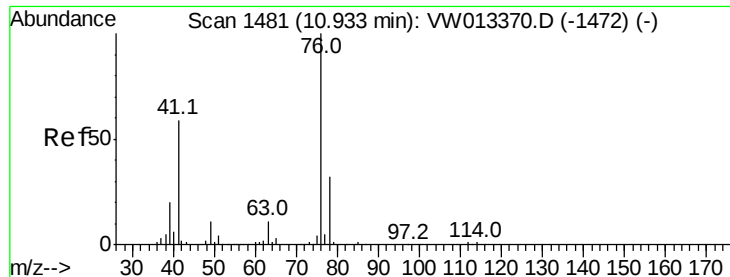
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 51.054 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

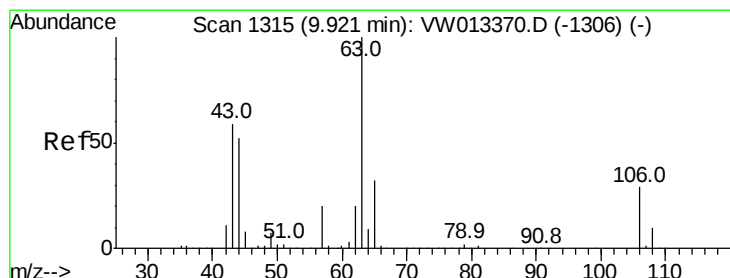
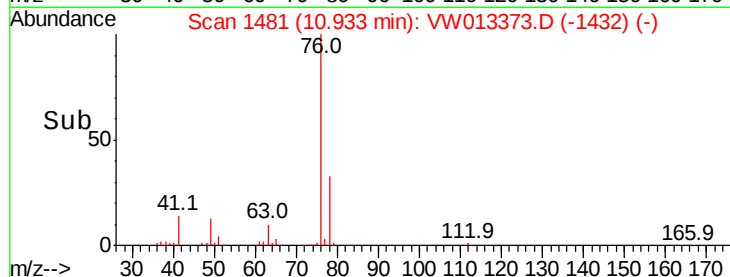
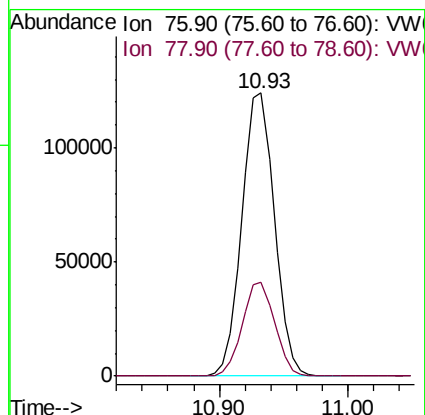
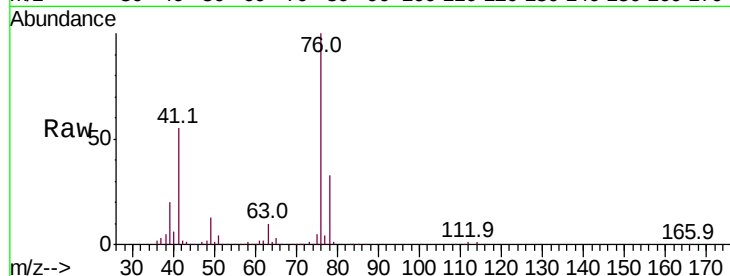
ICVWV100119

Tot Ion: 76 Resp: 216809

Ion Ratio Lower Upper

76 100

78 33.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 274.098 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW013373.D

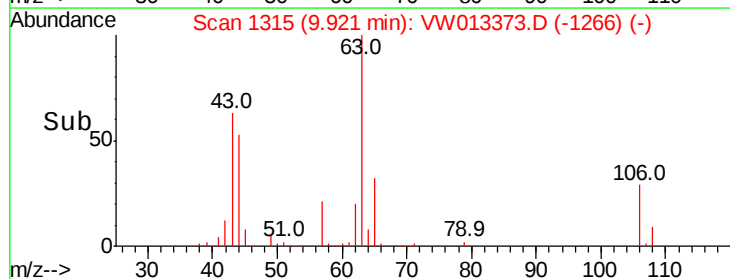
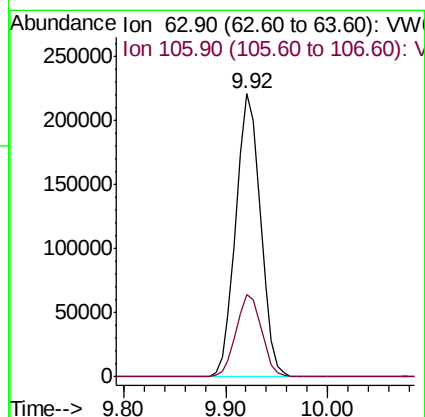
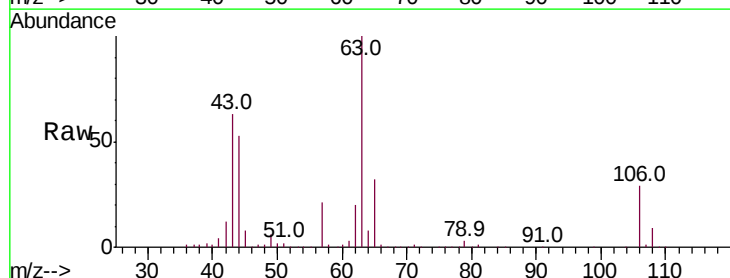
Acq: 01 Oct 2019 17:45

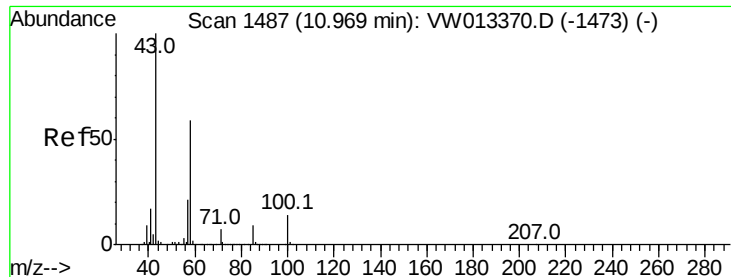
Tgt Ion: 63 Resp: 370205

Ion Ratio Lower Upper

63 100

106 30.0 23.4 35.0

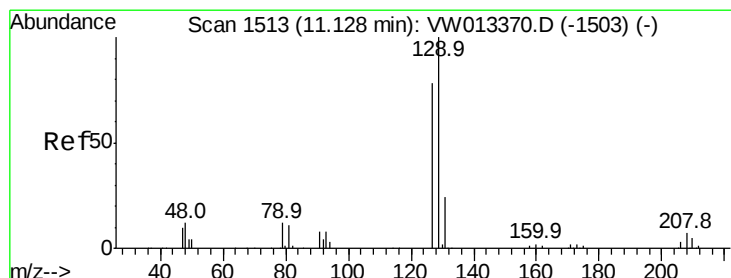
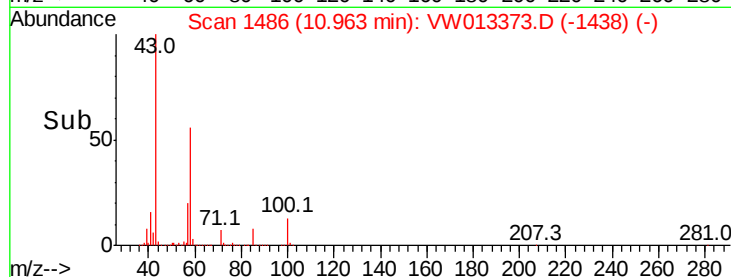
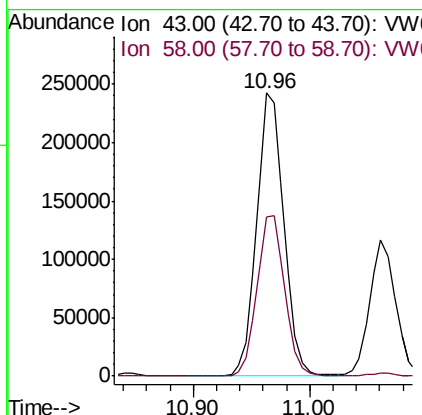
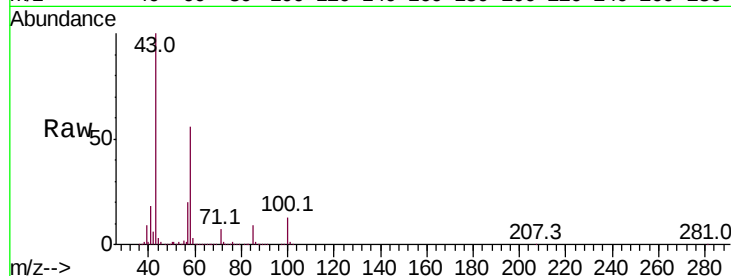




#59
2-Hexanone
Concen: 270.483 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

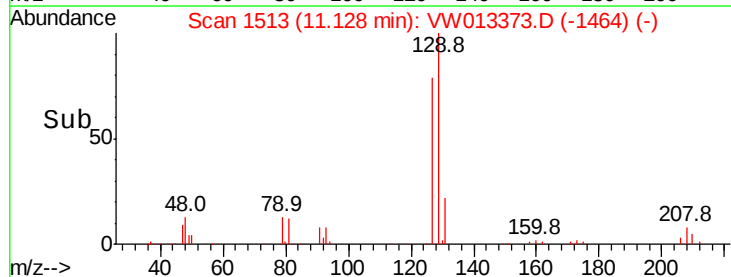
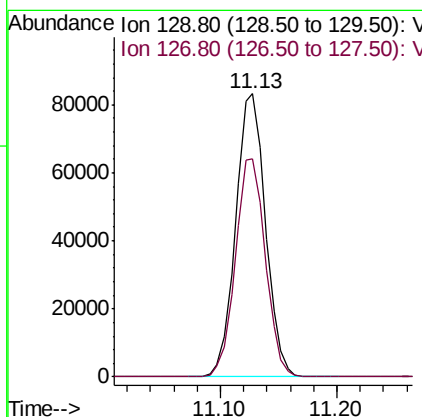
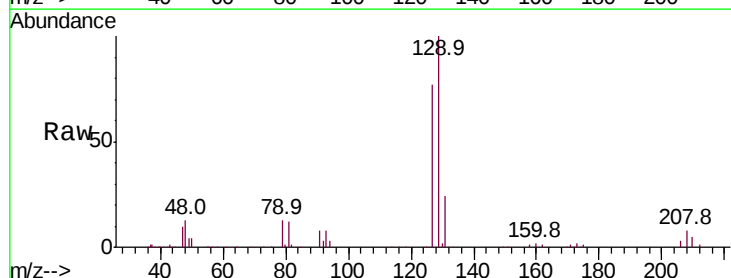
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100119

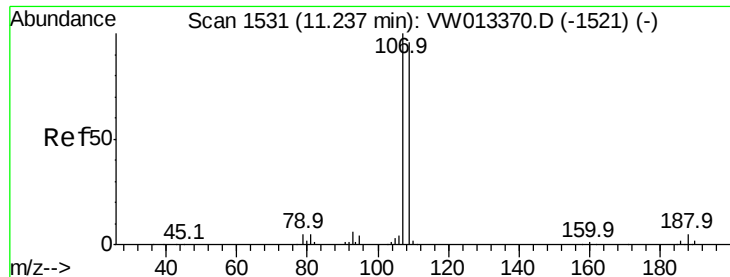
Tot Ion: 43 Resp: 395765
Ion Ratio Lower Upper
43 100
58 57.9 28.1 84.2



#60
Dibromochloromethane
Concen: 53.141 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion: 129 Resp: 148507
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 52.149 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

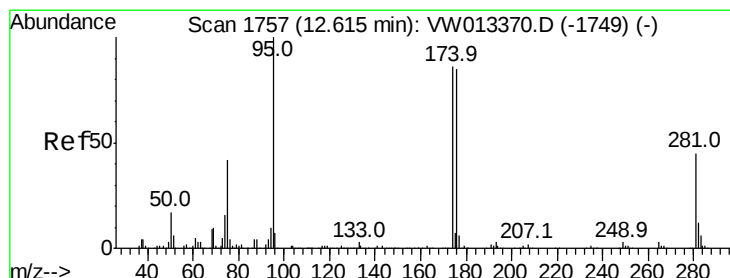
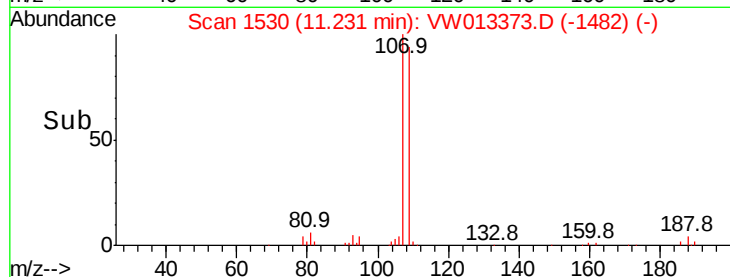
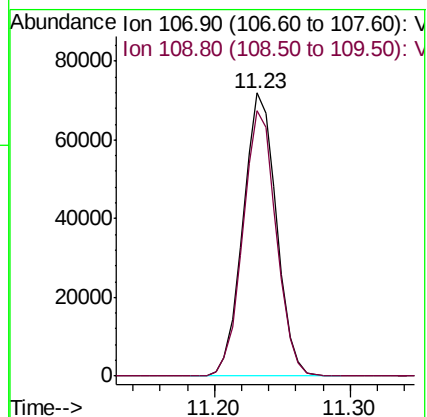
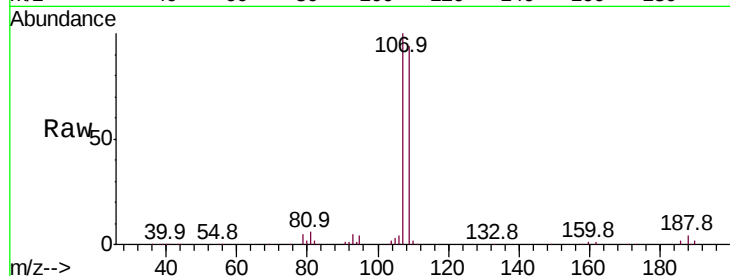
ICVWV100119

Tot Ion:107 Resp: 123098

Ion Ratio Lower Upper

107 100

109 93.7 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 58.192 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

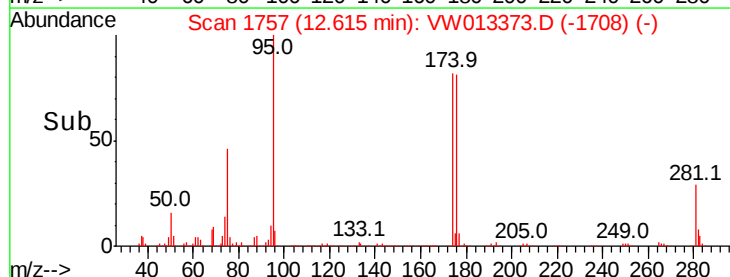
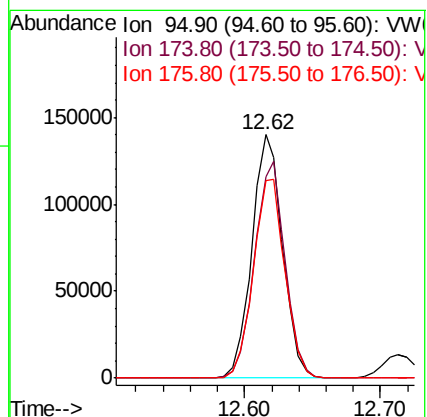
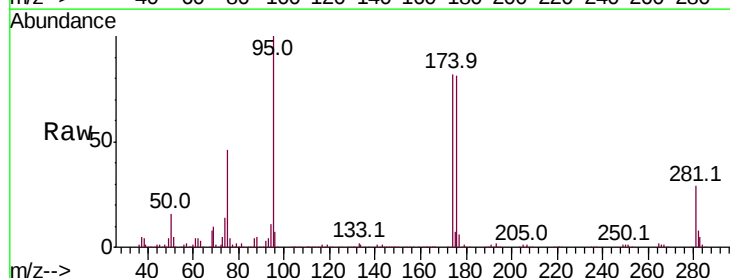
Tgt Ion: 95 Resp: 220365

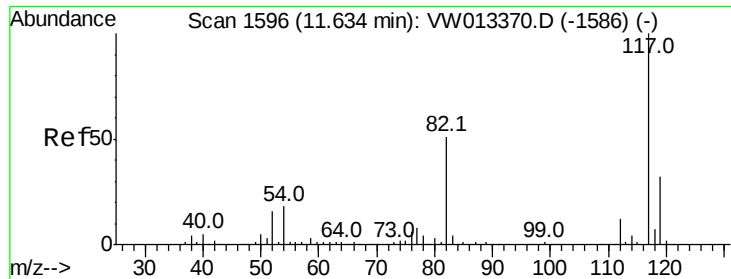
Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.4

176 84.7 0.0 172.2

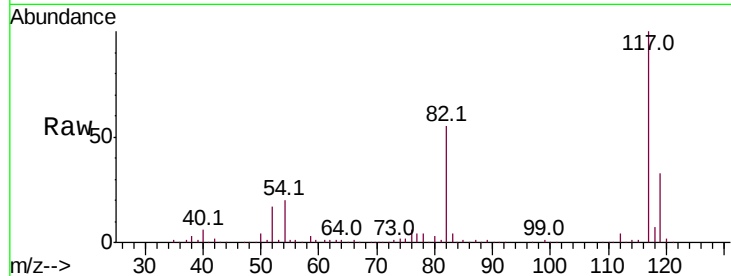




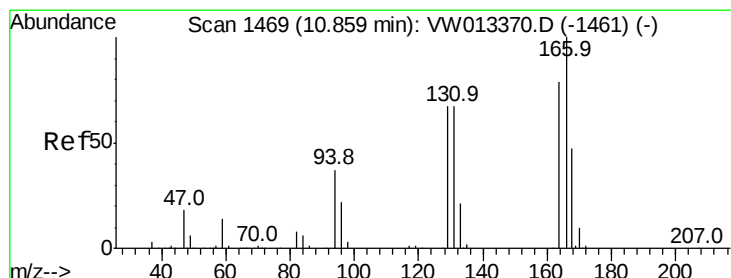
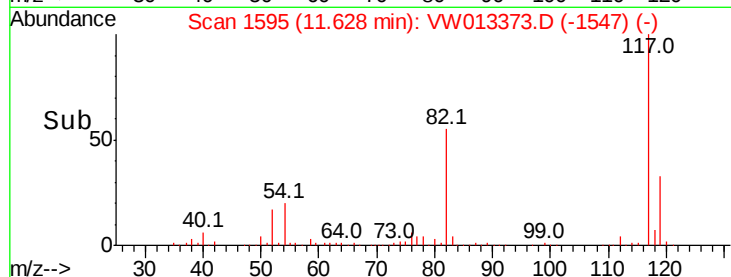
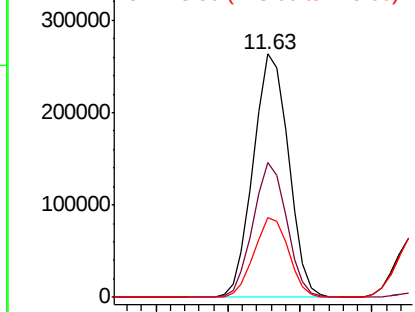
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100119

Tot Ion:117 Resp: 446058
Ion Ratio Lower Upper
117 100
82 55.3 45.9 68.9
119 32.7 26.2 39.2



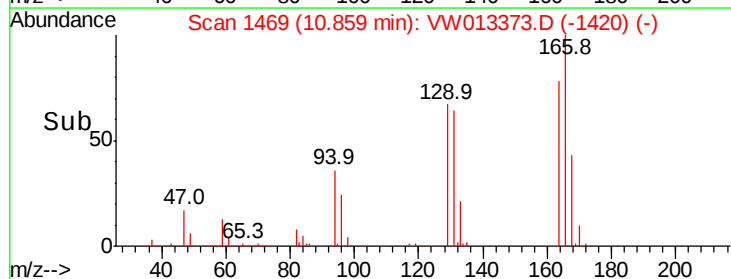
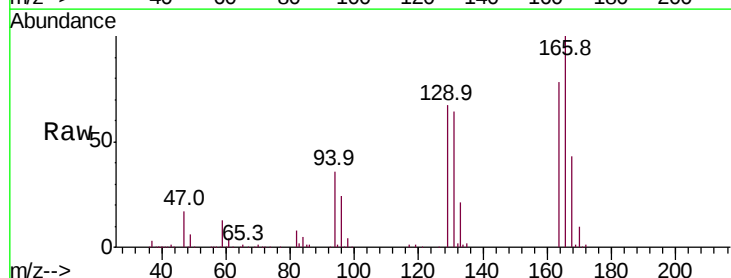
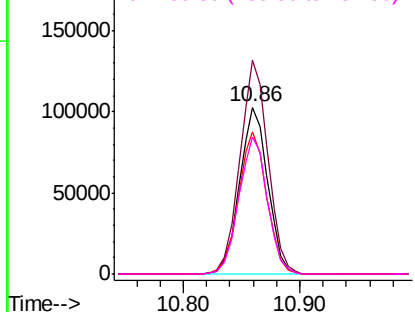
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

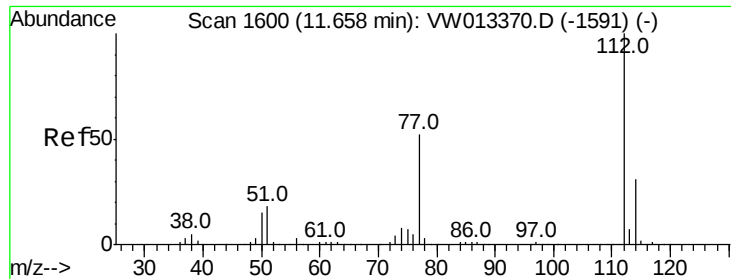


#64
Tetrachloroethene
Concen: 50.880 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion:164 Resp: 172666
Ion Ratio Lower Upper
164 100
166 128.3 101.2 151.8
129 85.7 68.8 103.2
131 82.6 65.2 97.8

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

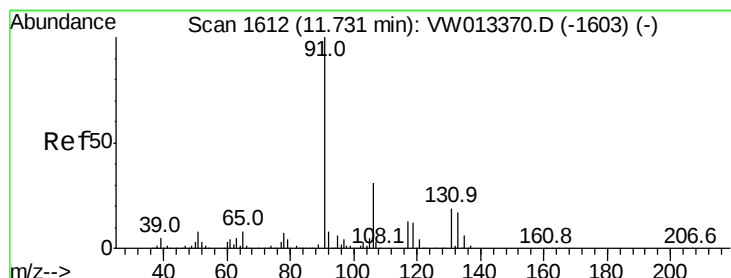
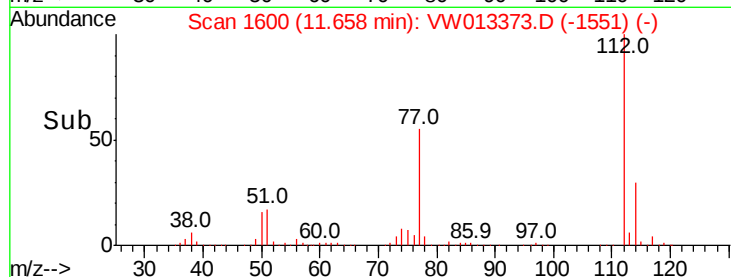
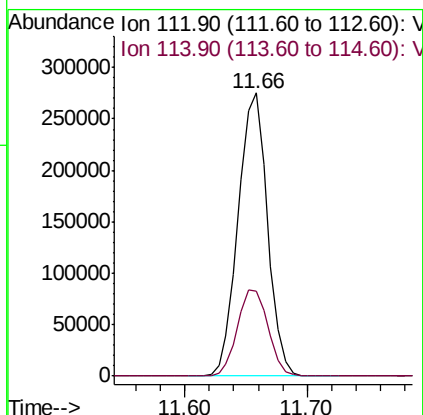
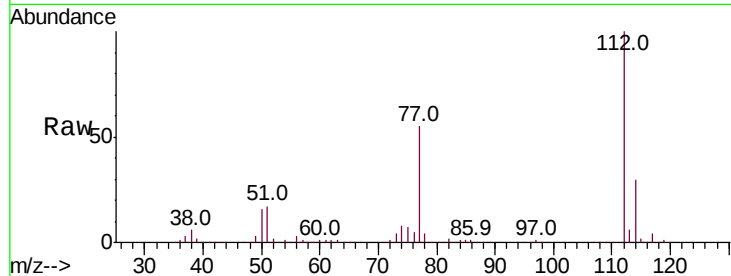




#65
Chlorobenzene
Concen: 50.172 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

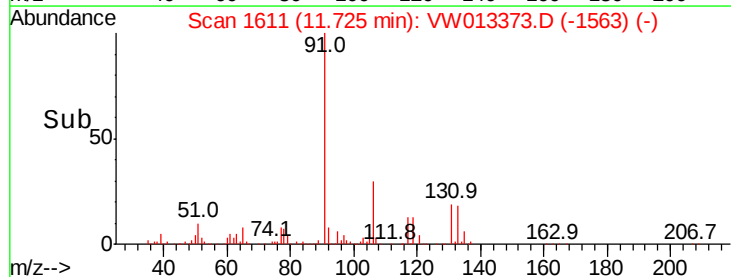
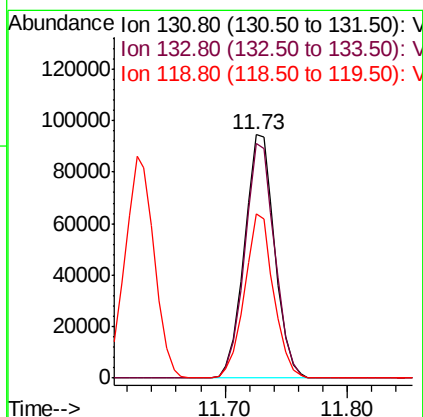
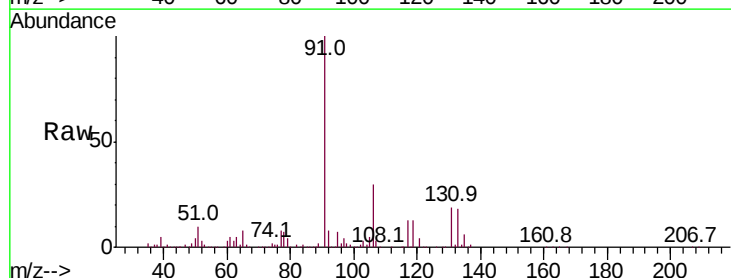
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100119

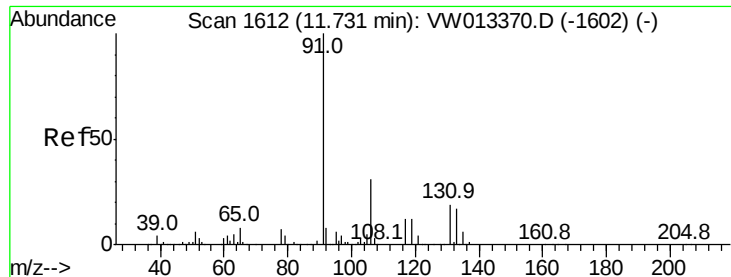
Tot Ion:112 Resp: 458494
Ion Ratio Lower Upper
112 100
114 30.2 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.081 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion:131 Resp: 162101
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 65.0 32.5 97.5

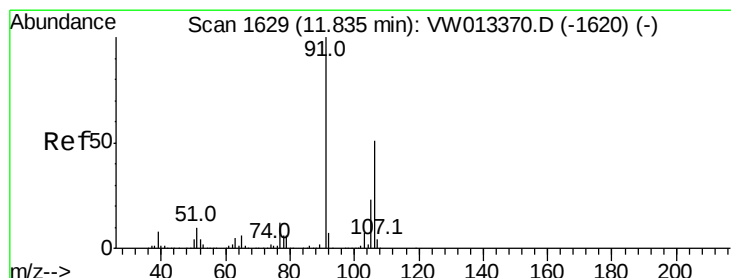
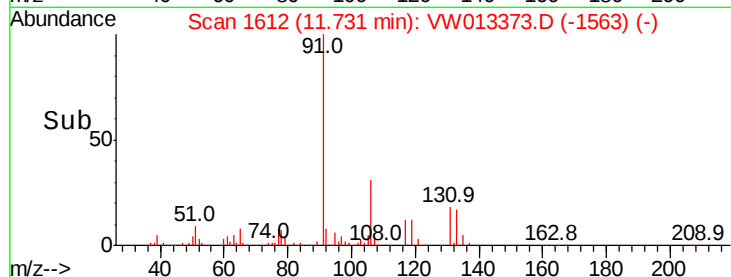
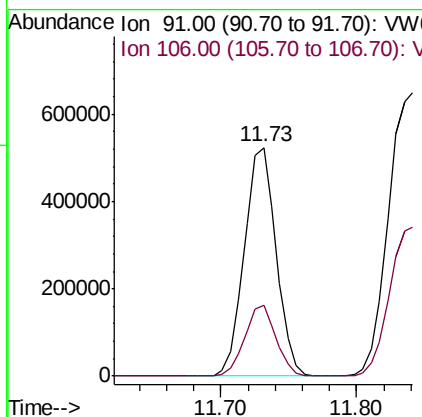
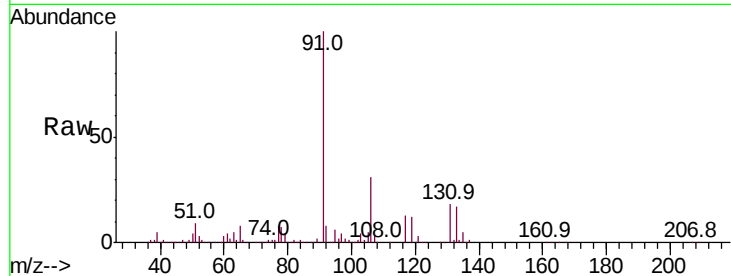




#67
Ethyl Benzene
Concen: 52.433 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

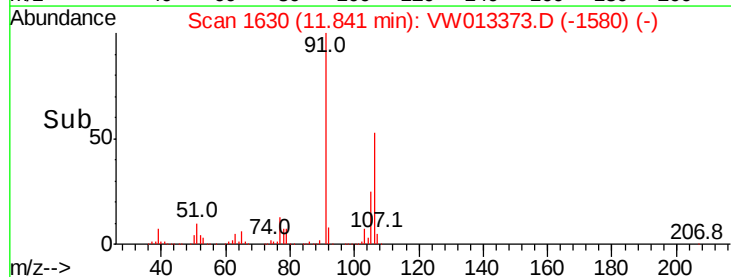
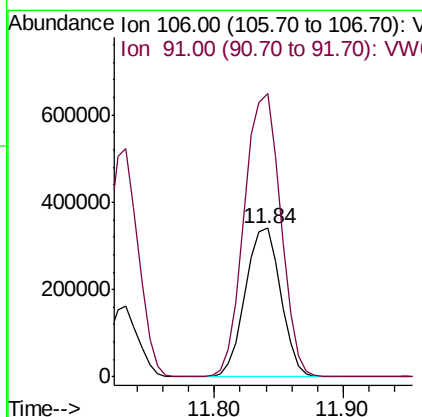
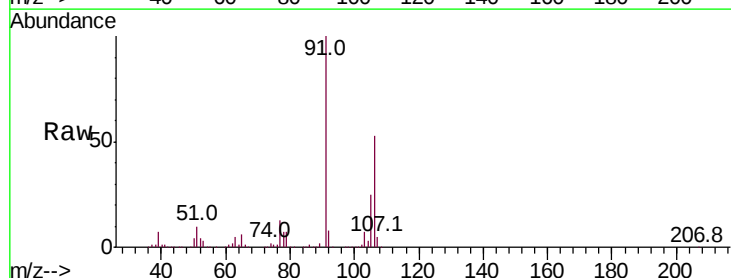
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100119

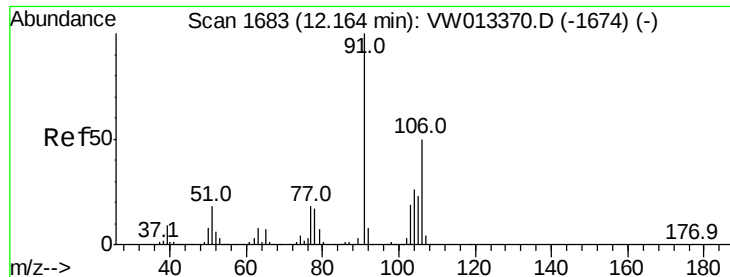
Tot Ion: 91 Resp: 858753
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 102.530 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion: 106 Resp: 648176
Ion Ratio Lower Upper
106 100
91 195.9 157.9 236.9

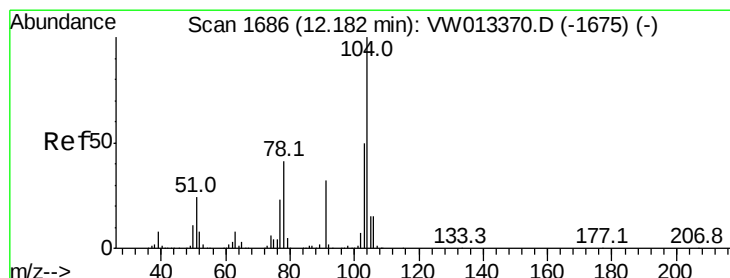
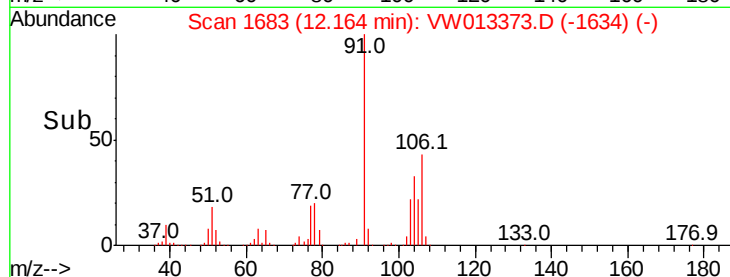
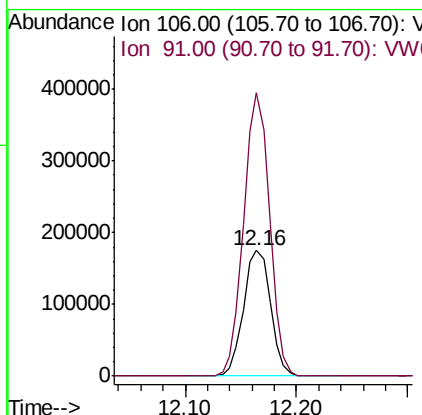
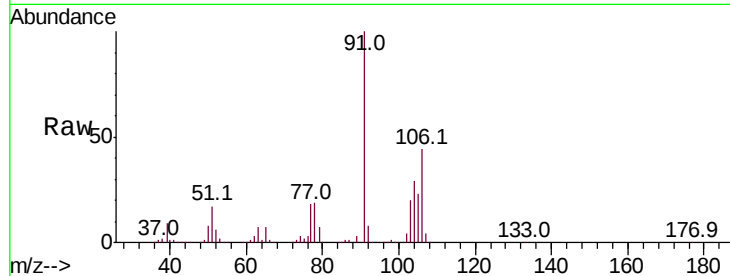




#69
o-Xylene
Concen: 50.806 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

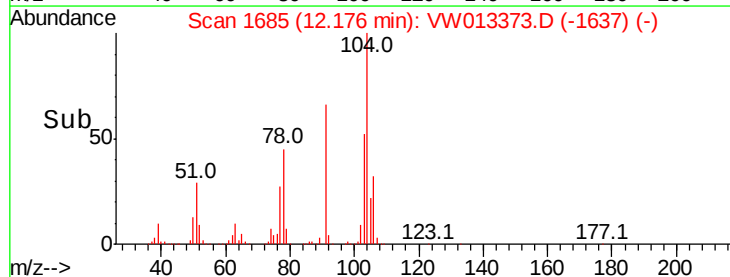
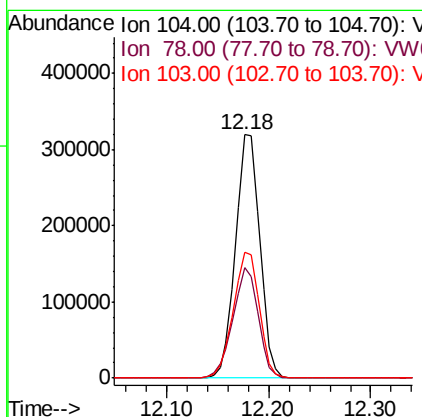
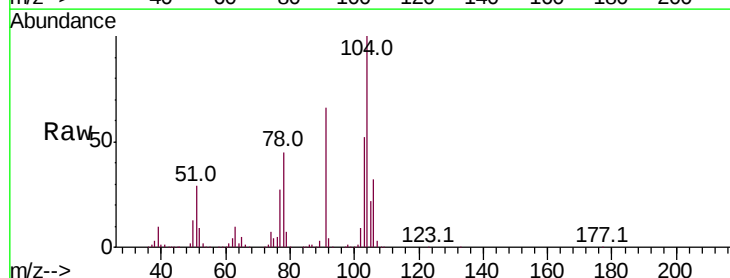
Instrument :
MSVOA_W
ClientSampleId :
ICVW100119

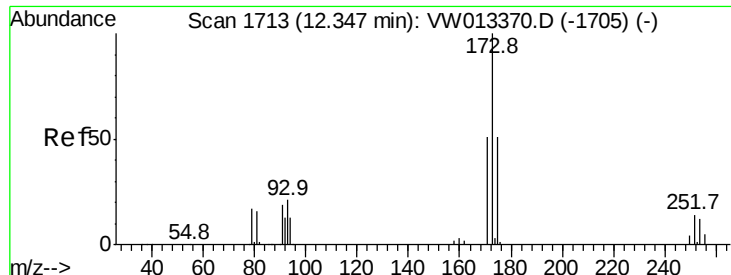
Tot Ion:106 Resp: 296966
Ion Ratio Lower Upper
106 100
91 215.8 106.5 319.5



#70
Styrene
Concen: 52.582 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion:104 Resp: 525388
Ion Ratio Lower Upper
104 100
78 47.5 38.4 57.6
103 55.3 43.3 64.9

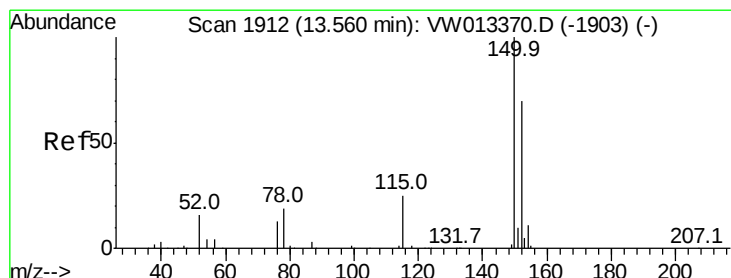
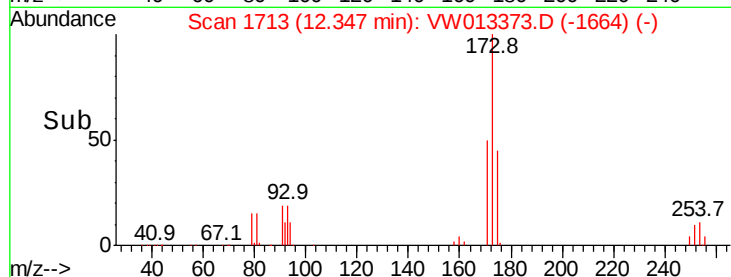
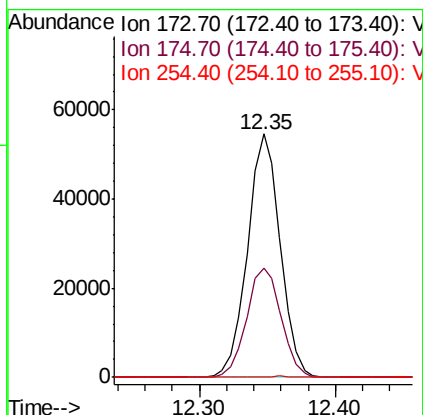
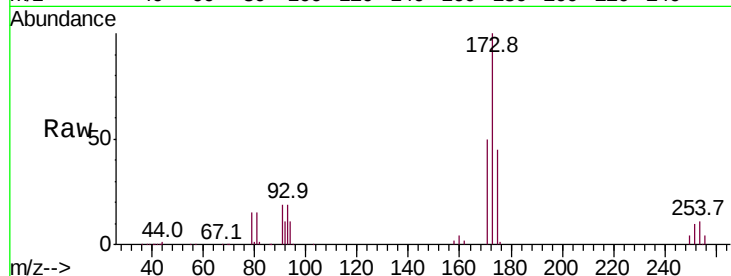




#71
Bromoform
Concen: 54.375 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

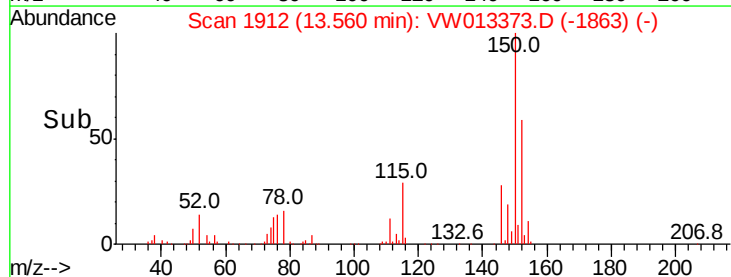
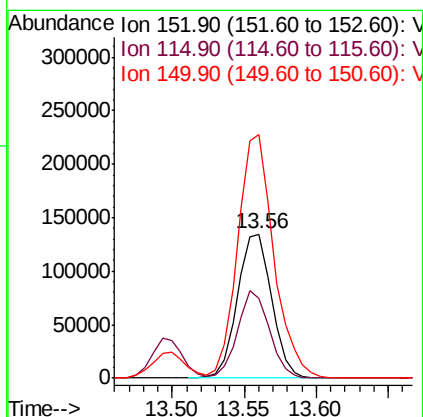
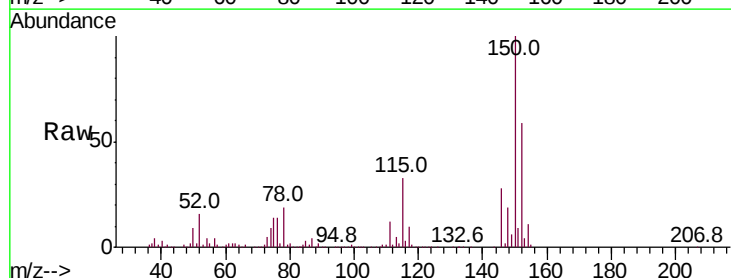
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100119

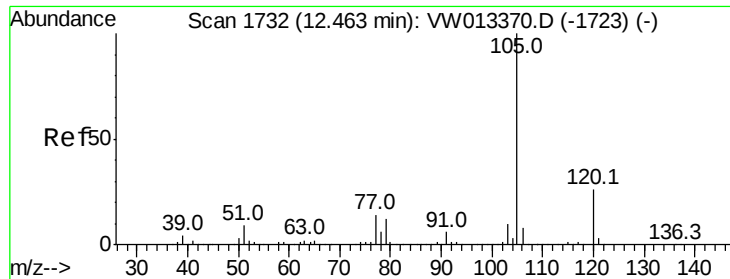
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.3	73.0
254	0.1	0.1	0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.3	81.9
150	178.9	0.0	349.0





#73

Isopropylbenzene

Concen: 50.198 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

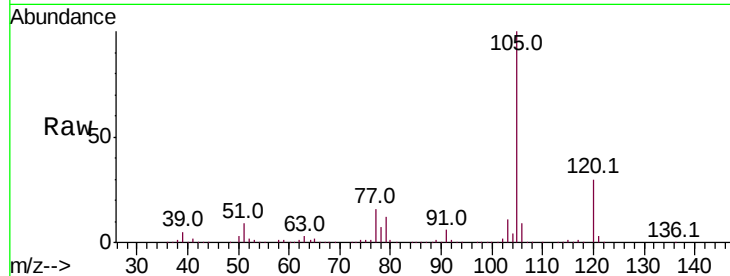
ICVWV100119

Tot Ion:105 Resp: 811959

Ion Ratio Lower Upper

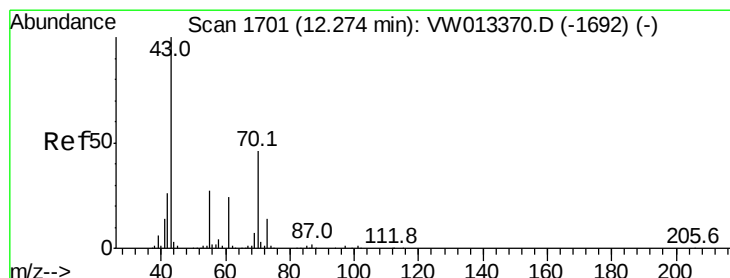
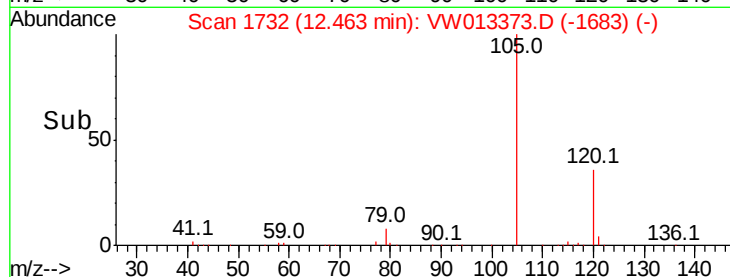
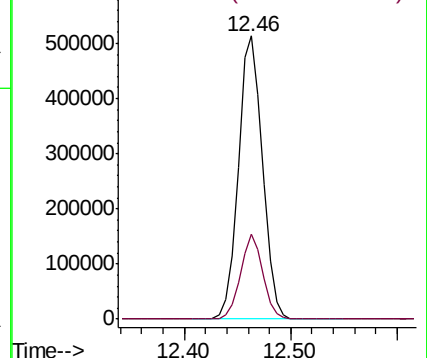
105 100

120 27.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.403 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Tgt Ion: 43 Resp: 190719

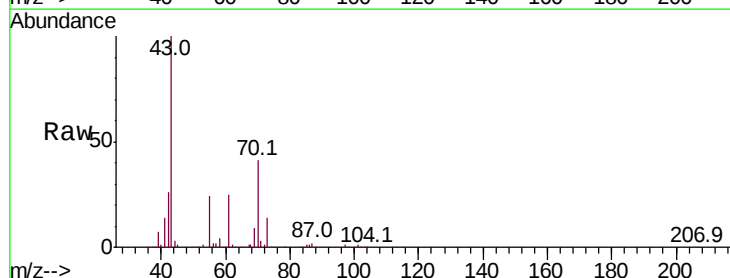
Ion Ratio Lower Upper

43 100

70 43.3 35.1 52.7

55 25.1 19.9 29.9

61 25.9 19.5 29.3

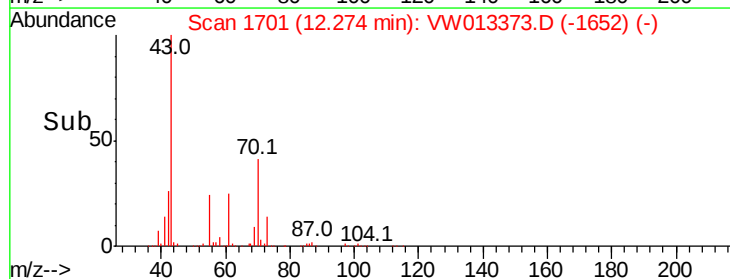
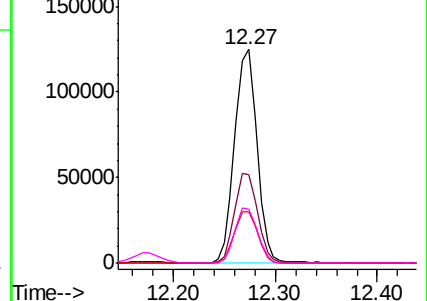


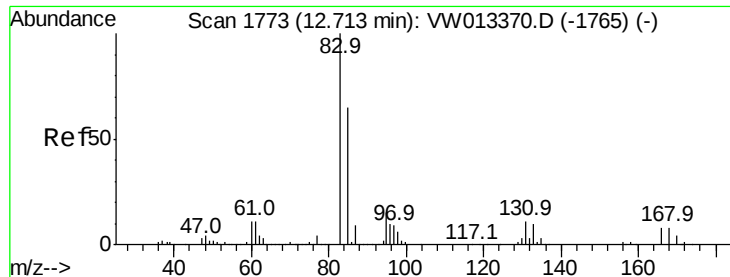
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.735 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVW100119

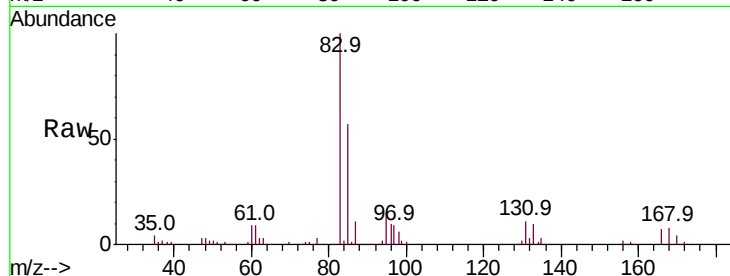
Tot Ion: 83 Resp: 141639

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

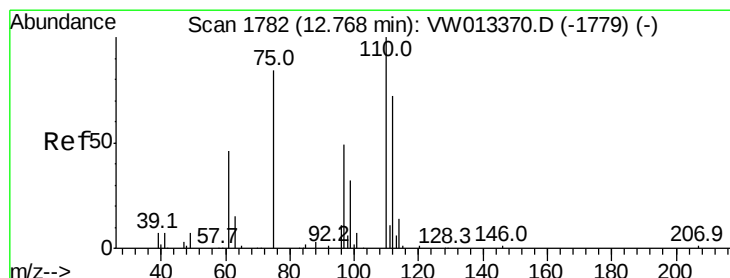
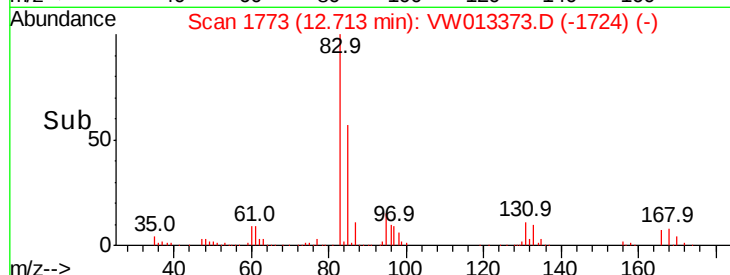
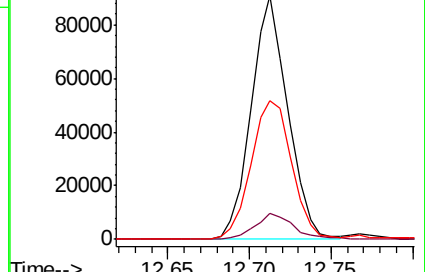
85 63.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.643 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013373.D

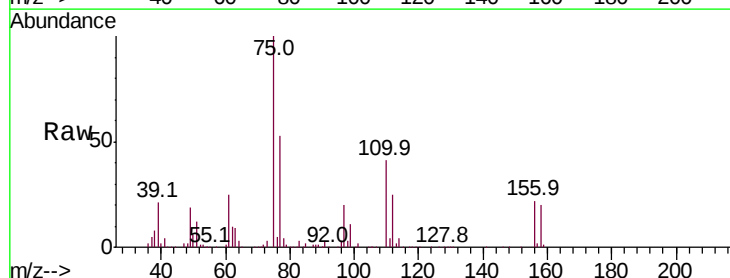
Acq: 01 Oct 2019 17:45

Tgt Ion: 75 Resp: 180110

Ion Ratio Lower Upper

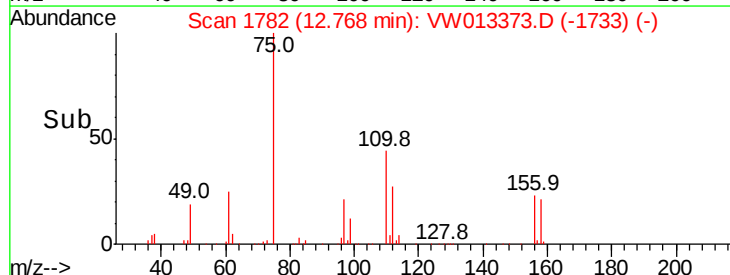
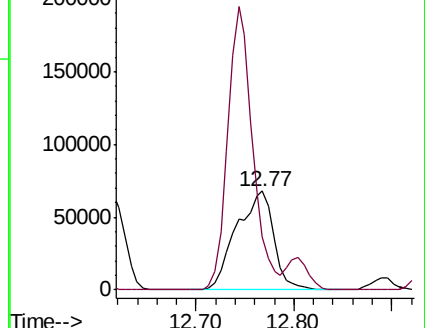
75 100

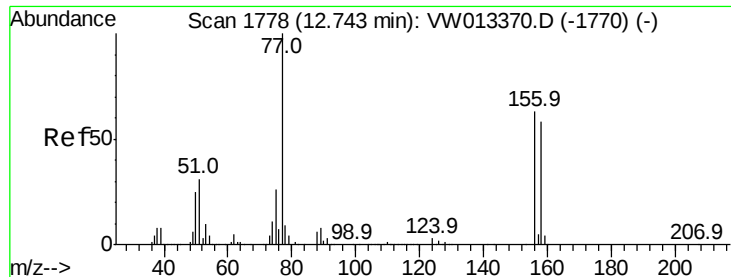
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.330 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

ICVWV100119

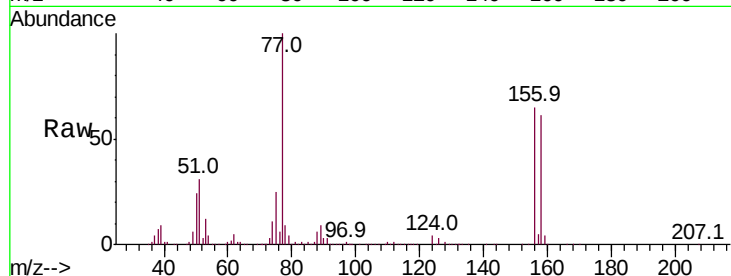
Tot Ion:156 Resp: 203247

Ion Ratio Lower Upper

156 100

77 169.8 85.7 257.1

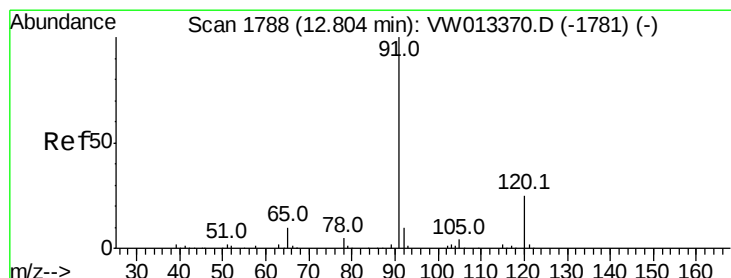
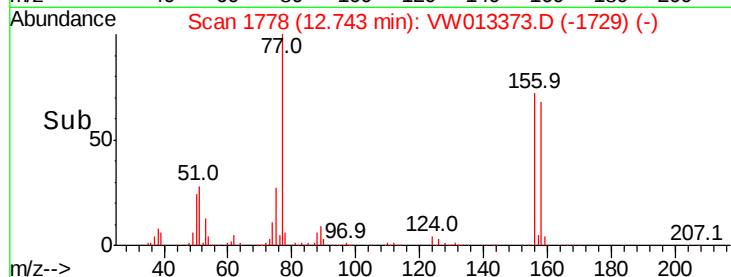
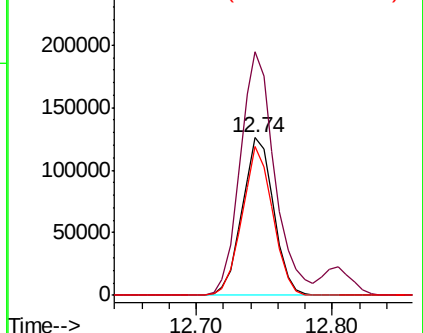
158 91.7 48.1 144.4



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: 53.337 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013373.D

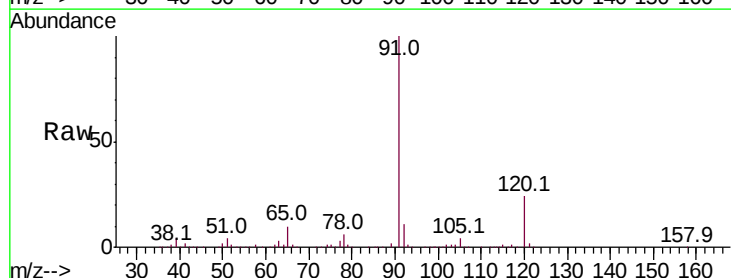
Acq: 01 Oct 2019 17:45

Tgt Ion: 91 Resp: 992395

Ion Ratio Lower Upper

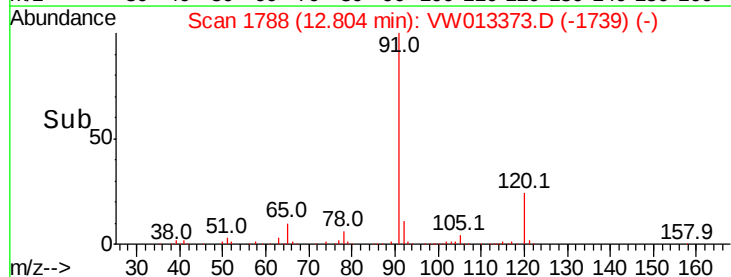
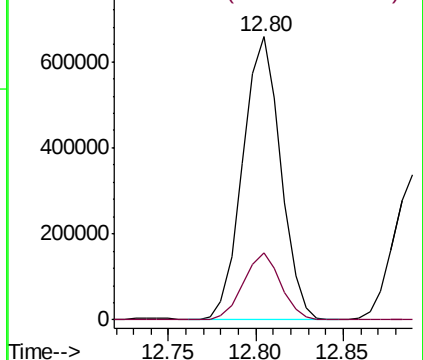
91 100

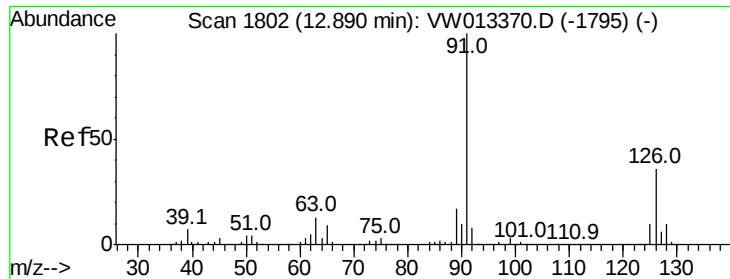
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

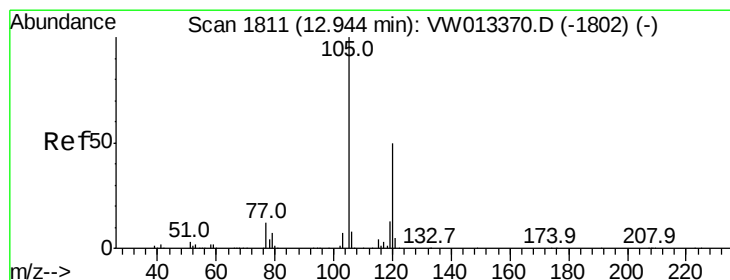
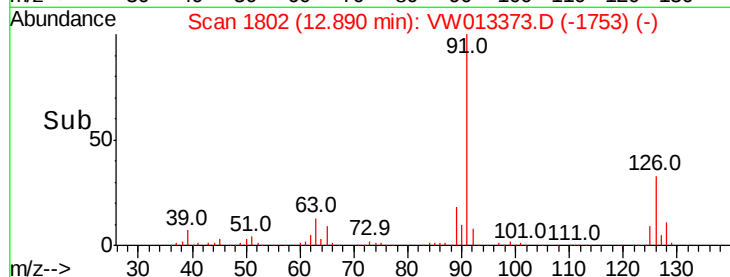
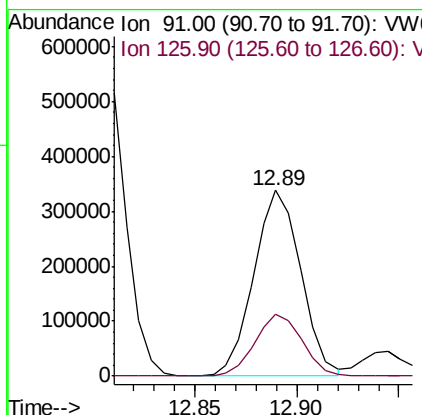
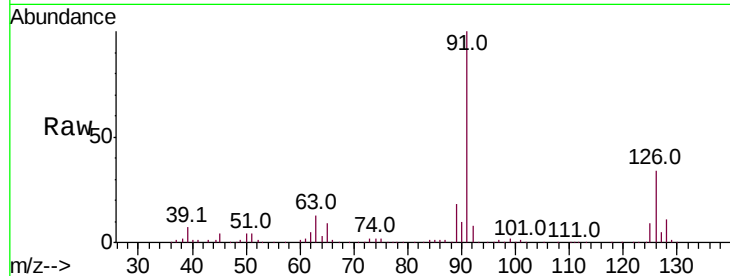




#79
 2-Chlorotoluene
 Concen: 52.505 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW013373.D
 Acq: 01 Oct 2019 17:45

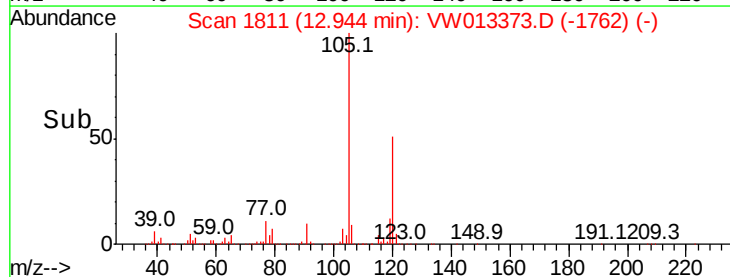
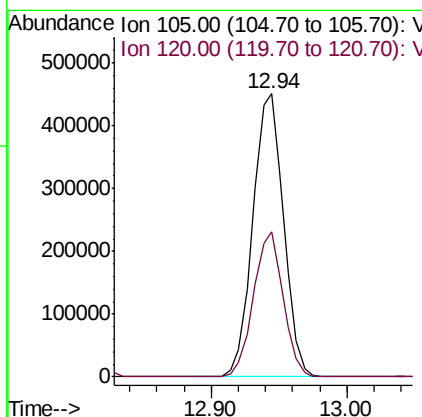
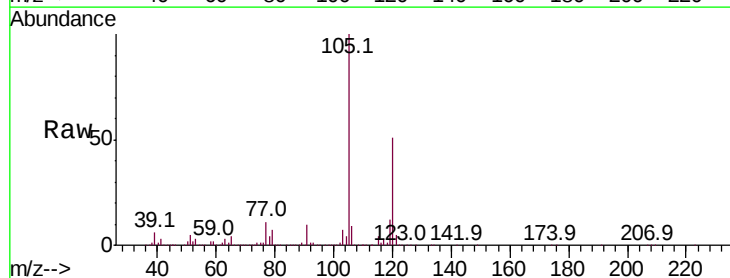
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100119

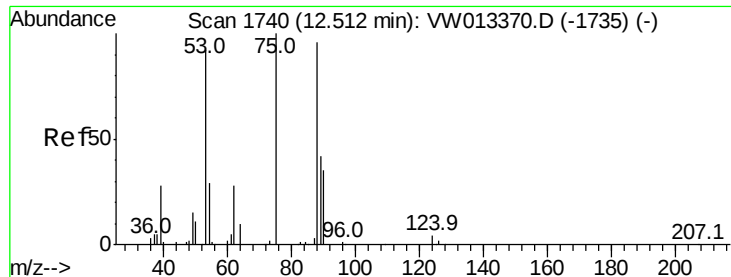
Tot Ion: 91 Resp: 542599
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 53.039 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW013373.D
 Acq: 01 Oct 2019 17:45

Tgt Ion: 105 Resp: 712660
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.995 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVW100119

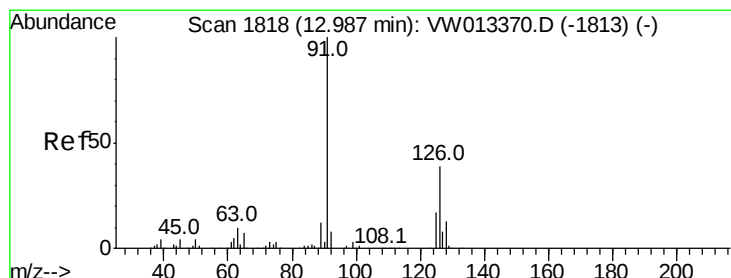
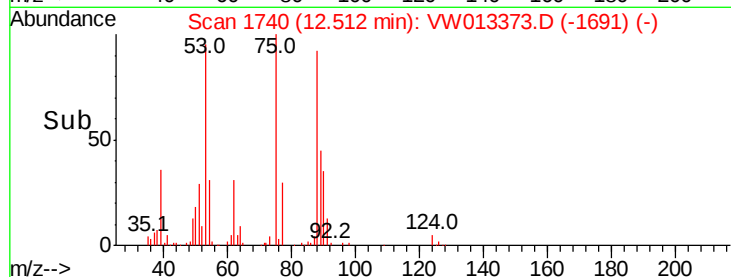
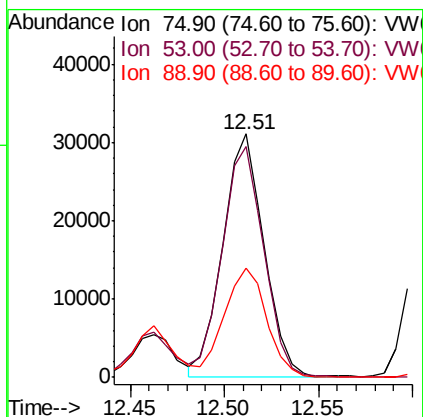
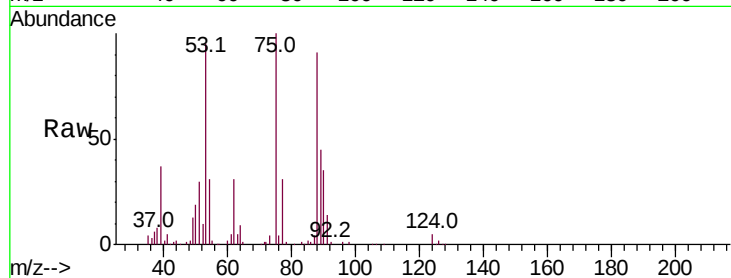
Tot Ion: 75 Resp: 47214

Ion Ratio Lower Upper

75 100

53 96.1 76.6 114.8

89 45.5 33.5 50.3



#82

4-Chlorotoluene

Concen: 51.091 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013373.D

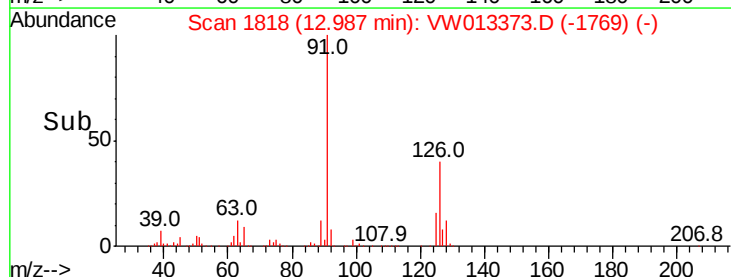
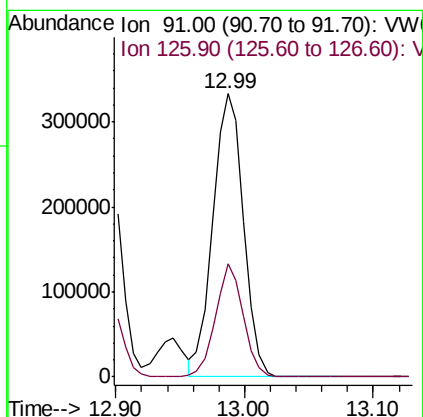
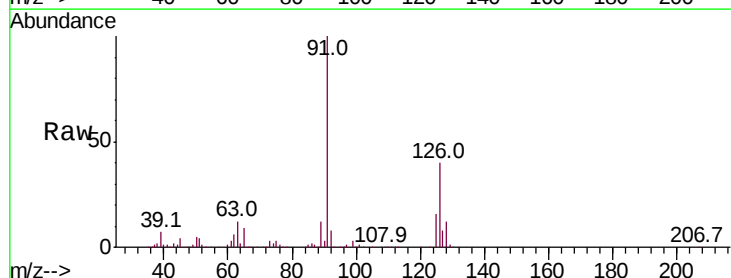
Acq: 01 Oct 2019 17:45

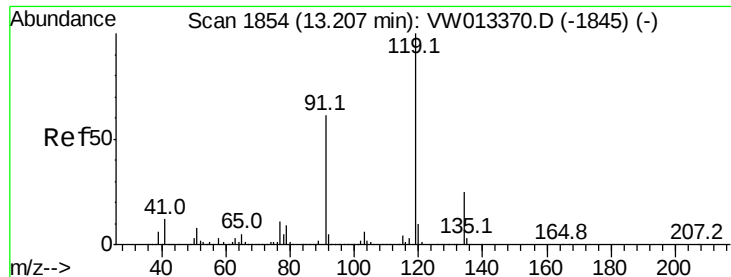
Tgt Ion: 91 Resp: 553080

Ion Ratio Lower Upper

91 100

126 36.2 17.3 51.7

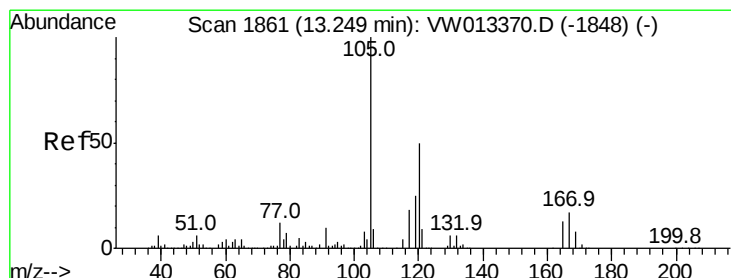
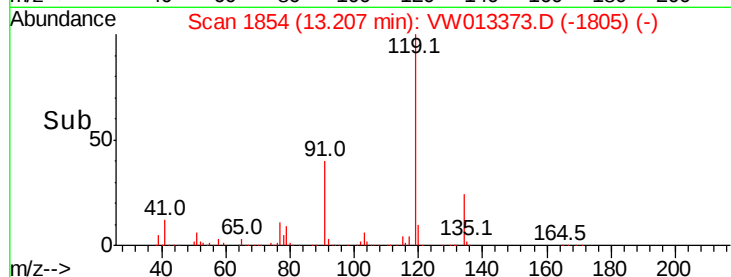
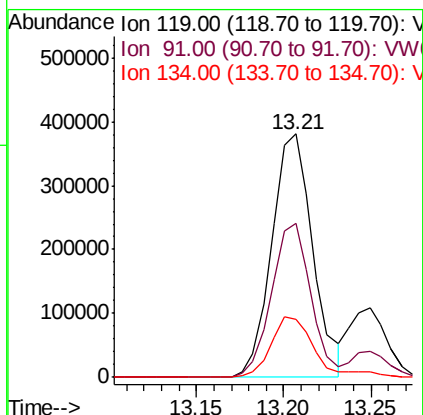
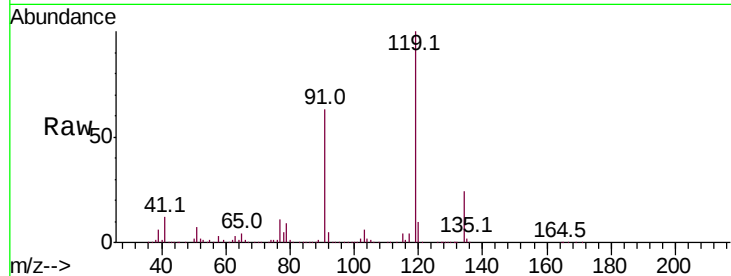




#83
tert-Butylbenzene
Concen: 53.116 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

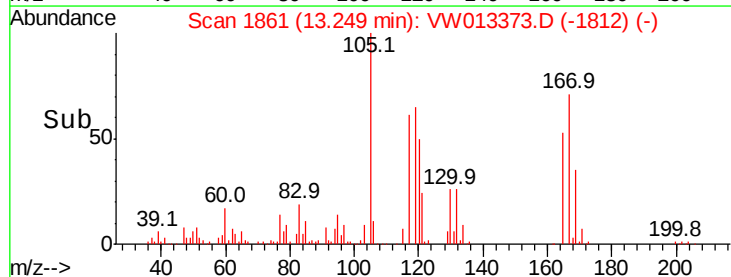
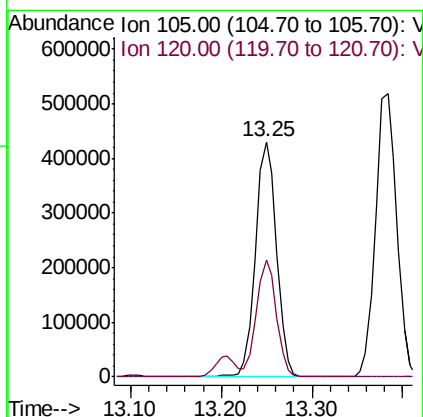
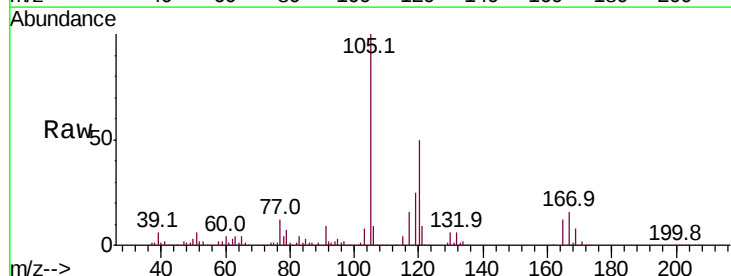
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100119

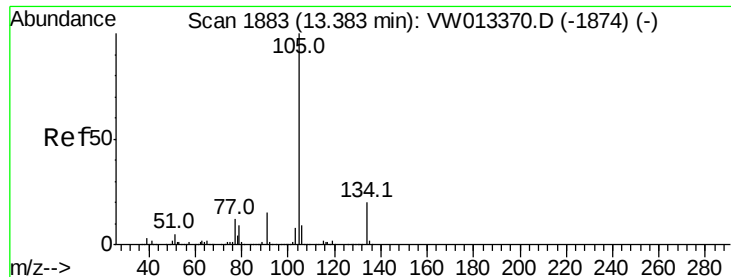
Tot Ion:119 Resp: 623383
Ion Ratio Lower Upper
119 100
91 60.6 30.7 92.1
134 26.8 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 51.595 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013373.D
Acq: 01 Oct 2019 17:45

Tgt Ion:105 Resp: 689186
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.779 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

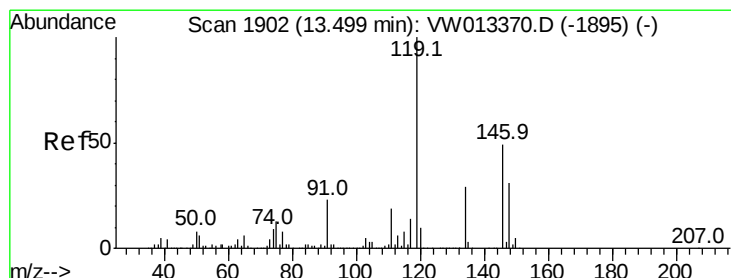
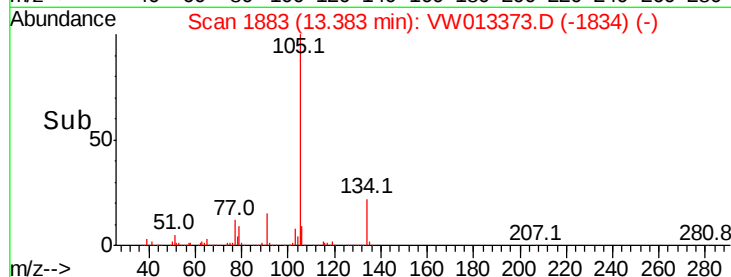
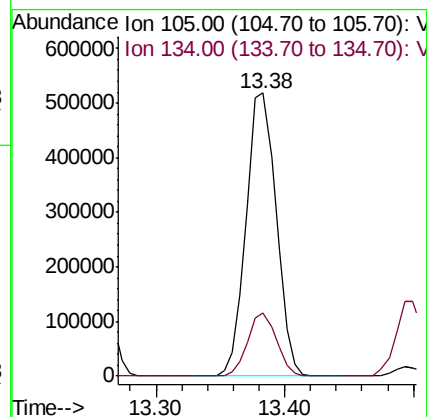
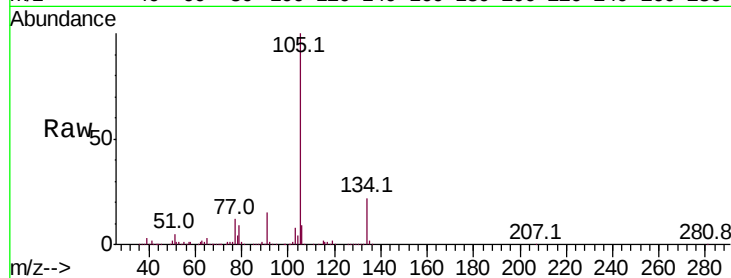
ICVW0100119

Tot Ion:105 Resp: 837846

Ion Ratio Lower Upper

105 100

134 21.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 52.456 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

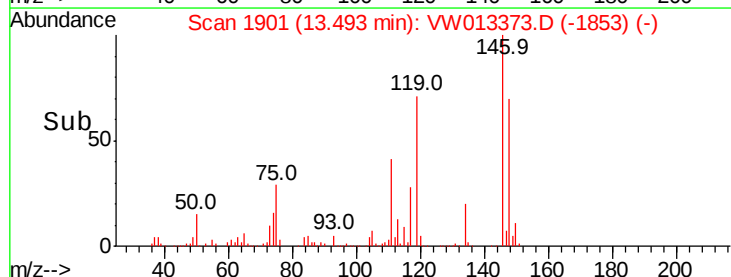
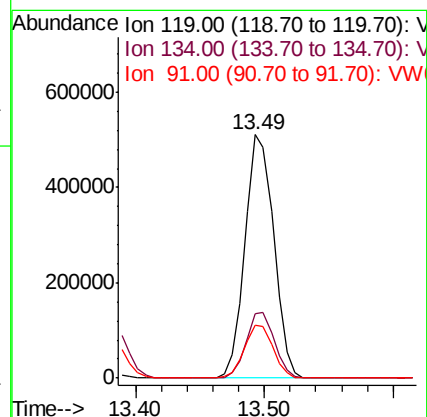
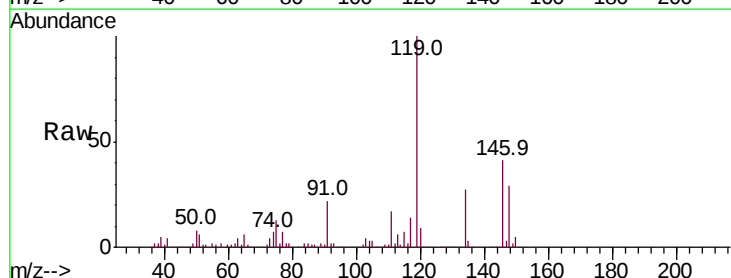
Tgt Ion:119 Resp: 786640

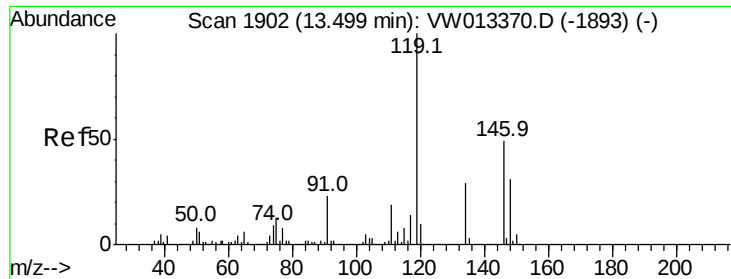
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 21.7 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 50.914 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

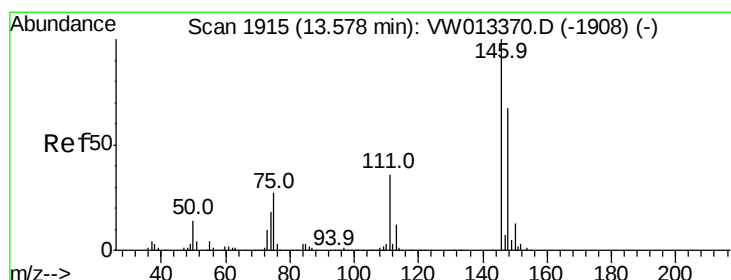
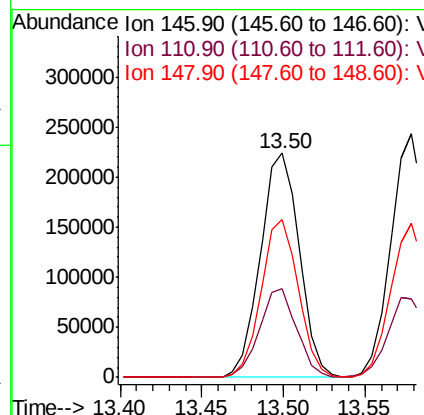
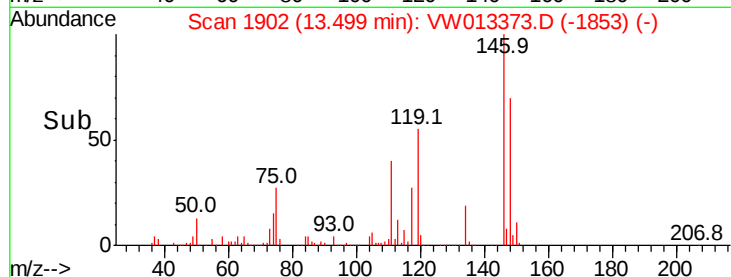
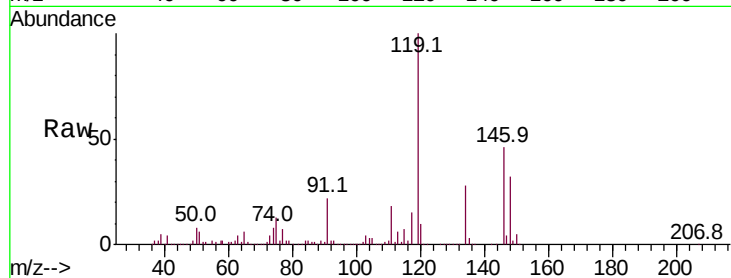
Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :
MSVOA_W
ClientSampleId :
ICVW100119

Tot Ion:146 Resp: 372033

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	67.2	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 52.395 ug/l

RT: 13.58 min Scan# 1915

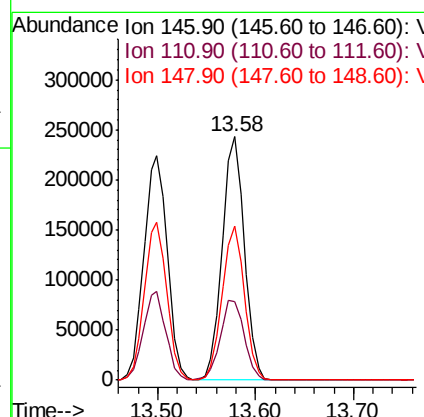
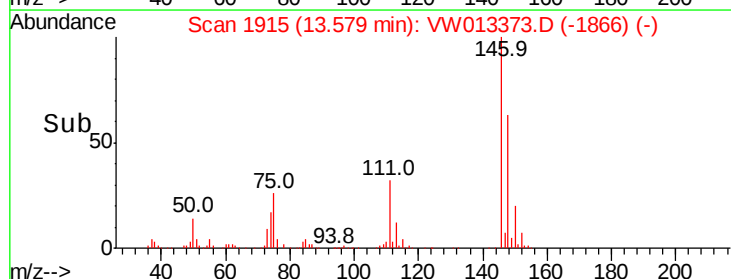
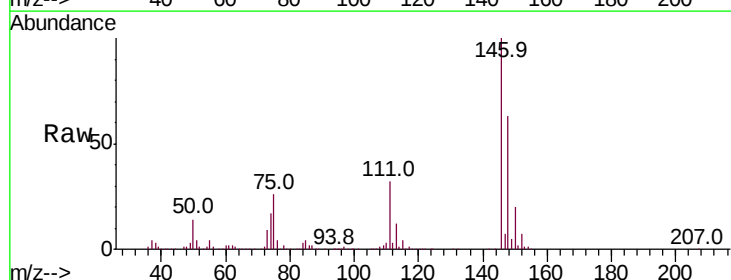
Delta R.T. 0.00 min

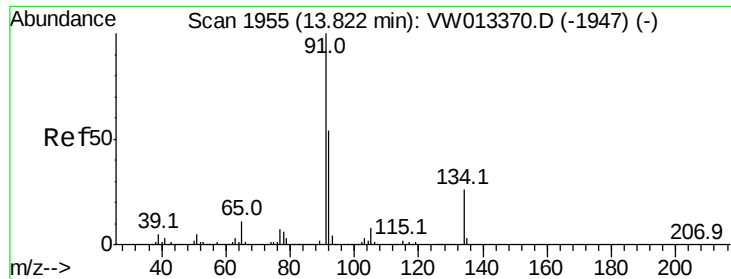
Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Tgt Ion:146 Resp: 383341

Ion	Ratio	Lower	Upper
146	100		
111	35.2	18.4	55.0
148	63.6	32.1	96.3





#89

n-Butylbenzene

Concen: 52.252 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVW100119

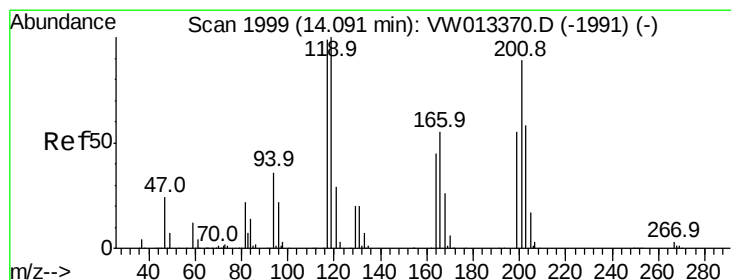
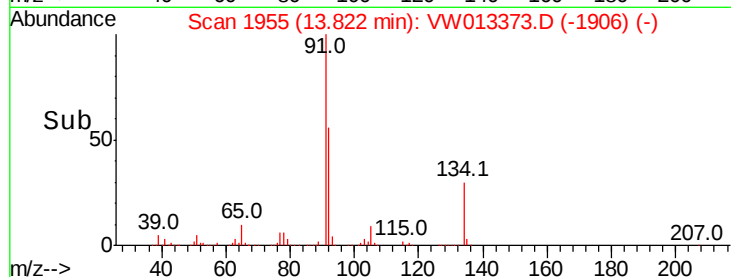
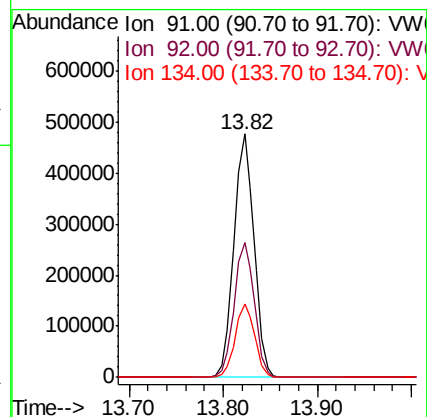
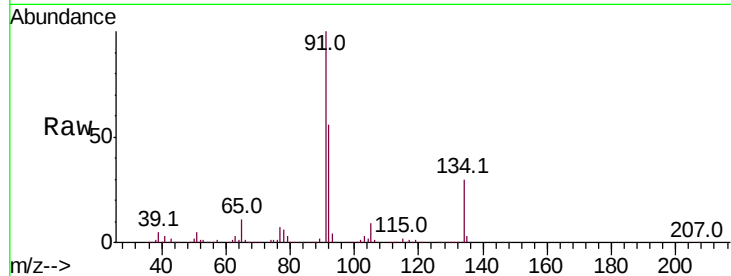
Tot Ion: 91 Resp: 706436

Ion Ratio Lower Upper

91 100

92 55.5 27.6 82.8

134 29.2 13.7 41.1



#90

Hexachloroethane

Concen: 52.164 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013373.D

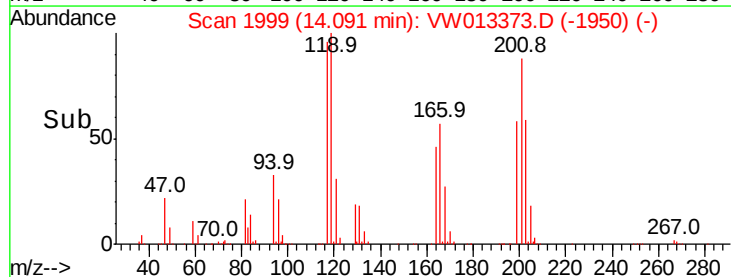
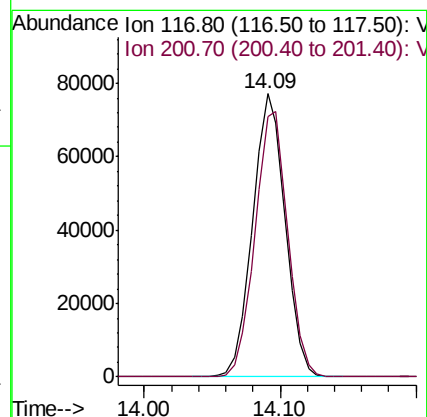
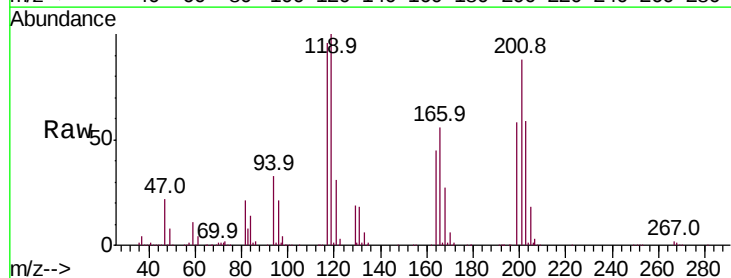
Acq: 01 Oct 2019 17:45

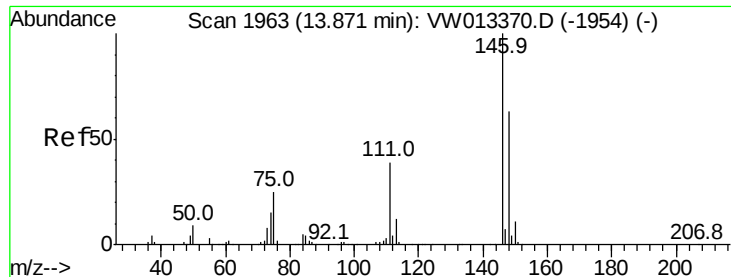
Tgt Ion: 117 Resp: 129239

Ion Ratio Lower Upper

117 100

201 94.5 44.5 133.5





#91

1,2-Dichlorobenzene

Concen: 52.387 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100119

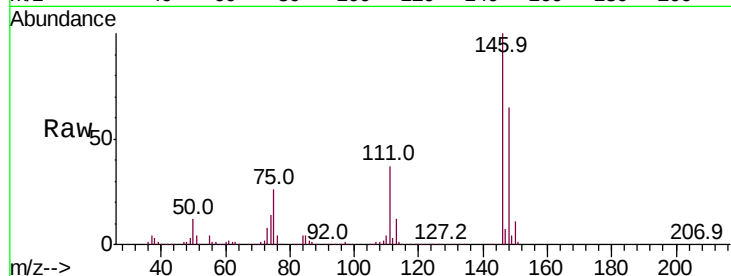
Tot Ion:146 Resp: 338396

Ion Ratio Lower Upper

146 100

111 38.7 20.1 60.3

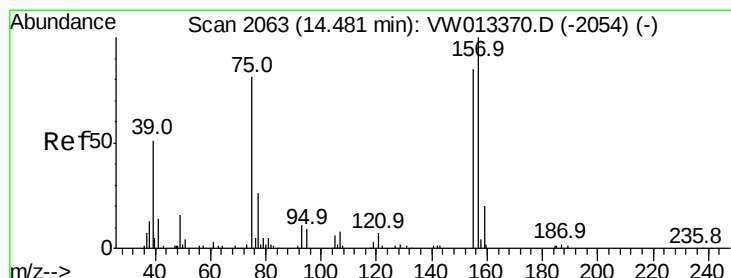
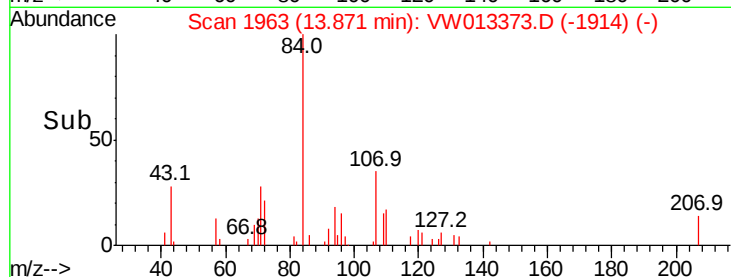
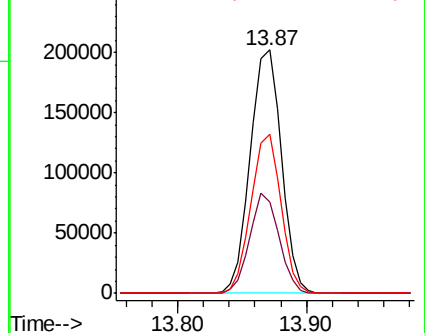
148 63.0 32.0 96.0



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: 56.014 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

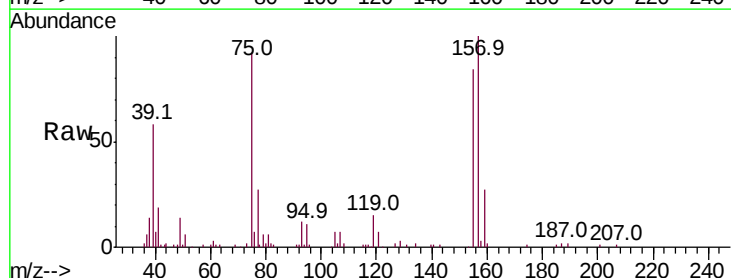
Tgt Ion: 75 Resp: 22938

Ion Ratio Lower Upper

75 100

155 95.0 46.1 138.3

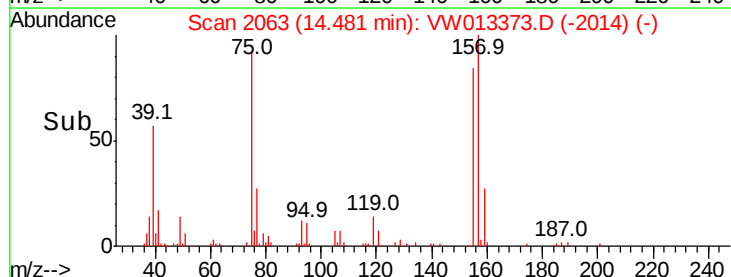
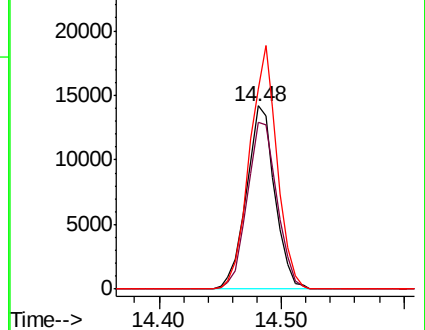
157 128.3 60.4 181.2

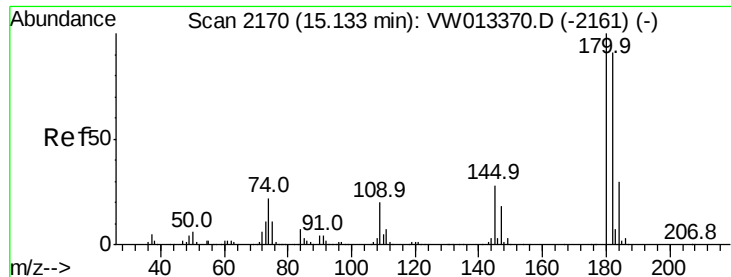


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 54.472 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVW0100119

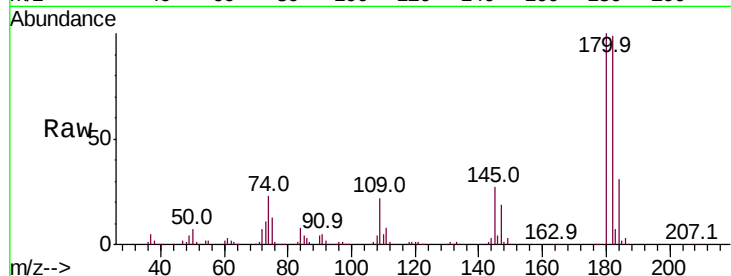
Tot Ion:180 Resp: 252518

Ion Ratio Lower Upper

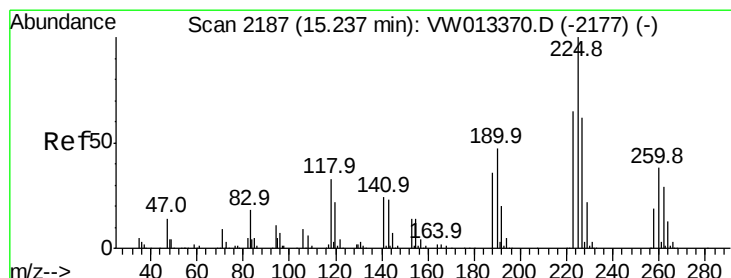
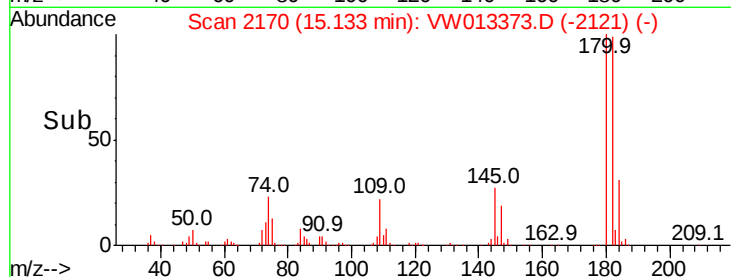
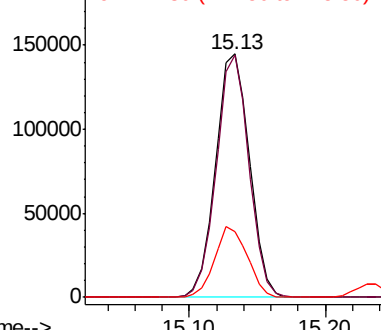
180 100

182 95.5 47.3 142.0

145 28.3 14.2 42.8



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



#94

Hexachlorobutadiene

Concen: 54.621 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

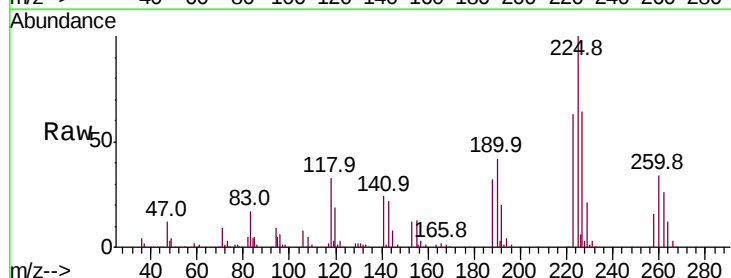
Tgt Ion:225 Resp: 164483

Ion Ratio Lower Upper

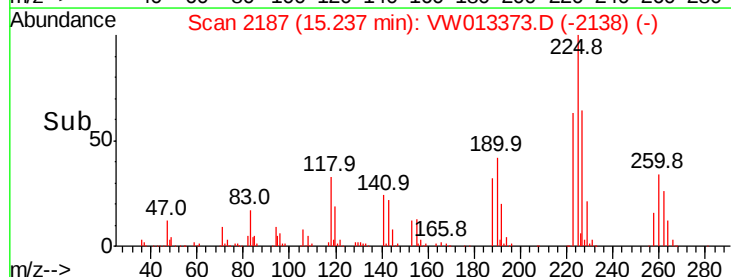
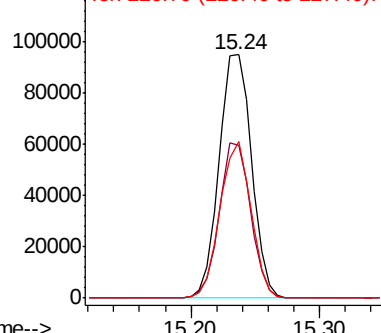
225 100

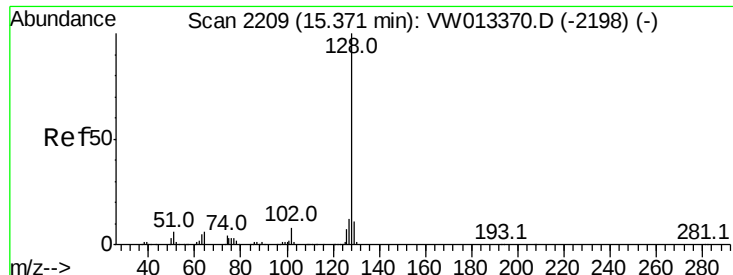
223 61.7 30.6 91.8

227 61.3 31.9 95.9



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





#95

Naphthalene

Concen: 56.887 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100119

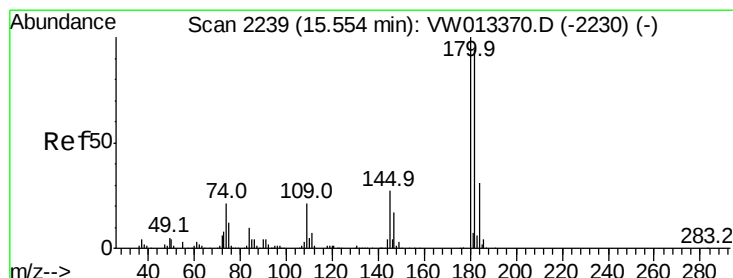
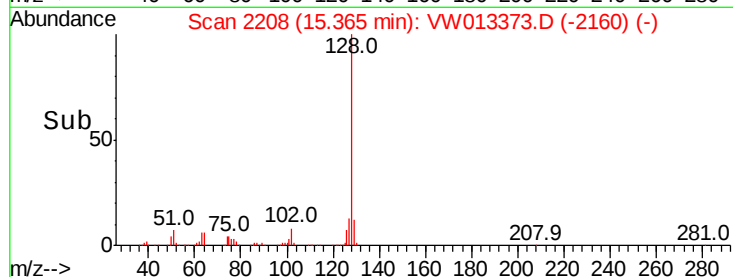
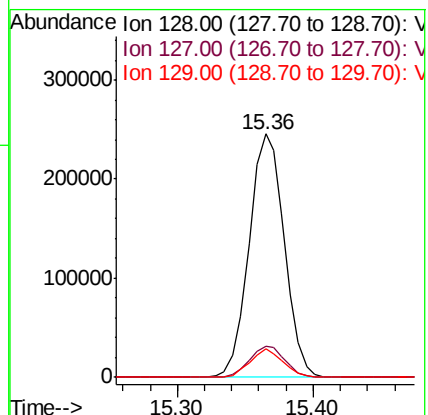
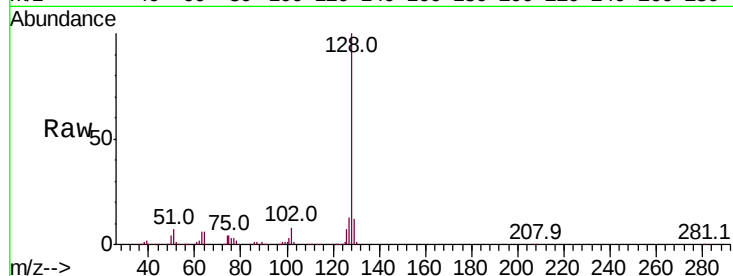
Tot Ion:128 Resp: 444856

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.966 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013373.D

Acq: 01 Oct 2019 17:45

Tgt Ion:180 Resp: 218424

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 29.2 15.0 45.0

