

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
 Data File : VW013368.D
 Acq On : 01 Oct 2019 13:28
 Operator : SY/VA
 Sample : VSDTICC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 15:04:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	299152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	21997	9.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.28%	
35) Dibromofluoromethane	7.88	113	21064	9.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.32%	
50) Toluene-d8	10.32	98	85238	9.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.04%	
62) 4-Bromofluorobenzene	12.61	95	28636	9.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	11372	10.122	ug/l	96
3) Chloromethane	2.21	50	22573	10.630	ug/l	94
4) Vinyl Chloride	2.35	62	29674	10.512	ug/l	98
5) Bromomethane	2.78	94	17962	10.350	ug/l	92
6) Chloroethane	2.92	64	17460	10.957	ug/l	99
7) Trichlorofluoromethane	3.25	101	11749	9.541	ug/l	95
8) Diethyl Ether	3.67	74	15214	11.032	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	27469	10.116	ug/l	97
10) Methyl Iodide	4.27	142	44548	10.322	ug/l	99
11) Tert butyl alcohol	5.13	59	8383	17.598	ug/l #	75
12) 1,1-Dichloroethene	4.04	96	30266	10.636	ug/l	92
13) Acrolein	3.89	56	12737	65.146	ug/l	90
14) Allyl chloride	4.67	41	42079	10.113	ug/l	99
15) Acrylonitrile	5.37	53	37577	59.334	ug/l	99
16) Acetone	4.13	43	39780	53.993	ug/l	98
17) Carbon Disulfide	4.38	76	79395	10.153	ug/l	98
18) Methyl Acetate	4.67	43	19698	11.776	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	44772	10.716	ug/l	100
20) Methylene Chloride	4.92	84	34220	9.249	ug/l	86
21) trans-1,2-Dichloroethene	5.42	96	31106	10.344	ug/l	97
22) Diisopropyl ether	6.31	45	82818	10.312	ug/l	99
23) Vinyl Acetate	6.26	43	264485	55.050	ug/l	99
24) 1,1-Dichloroethane	6.21	63	50142	10.104	ug/l	98
25) 2-Butanone	7.17	43	55108	59.459	ug/l	98
26) 2,2-Dichloropropane	7.16	77	36170	10.614	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	31684	10.014	ug/l	94
28) Bromochloromethane	7.51	49	14802	8.675	ug/l	98
29) Tetrahydrofuran	7.53	42	32251	60.096	ug/l	97
30) Chloroform	7.67	83	49507	10.191	ug/l	99
31) Cyclohexane	7.95	56	55684	10.235	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	38467	10.121	ug/l	97
36) 1,1-Dichloropropene	8.08	75	42417	10.247	ug/l	99
37) Ethyl Acetate	7.26	43	24359	11.666	ug/l	99
38) Carbon Tetrachloride	8.07	117	35132	9.917	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	54682	10.069	ug/l	95
40) Benzene	8.32	78	118973	10.167	ug/l	98
41) Methacrylonitrile	7.48	41	12165	5.412	ug/l	92
42) 1,2-Dichloroethane	8.40	62	31080	10.481	ug/l	99
43) Isopropyl Acetate	8.43	43	39319	11.474	ug/l	98
44) Trichloroethene	9.09	130	33282	10.082	ug/l	95
45) 1,2-Dichloropropane	9.37	63	28988	10.474	ug/l	93
46) Dibromomethane	9.46	93	15140	10.893	ug/l	100
47) Bromodichloromethane	9.65	83	33659	10.004	ug/l	99
48) Methyl methacrylate	9.43	41	17363	10.847	ug/l	94
49) 1,4-Dioxane	9.46	88	6348	255.822	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	110156	59.647	ug/l	99
52) Toluene	10.39	92	77005	10.311	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	35232	10.354	ug/l	92
54) cis-1,3-Dichloropropene	10.07	75	42843	10.253	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	22314	10.798	ug/l	96
56) Ethyl methacrylate	10.65	69	30192	11.102	ug/l	95
57) 1,3-Dichloropropane	10.93	76	38582	10.612	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	65616	58.483	ug/l	99
59) 2-Hexanone	10.97	43	73375	59.541	ug/l	97
60) Dibromochloromethane	11.13	129	24212	10.579	ug/l	99
61) 1,2-Dibromoethane	11.24	107	21343	10.591	ug/l	96
64) Tetrachloroethene	10.86	164	29668	10.028	ug/l	97
65) Chlorobenzene	11.66	112	79485	10.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	25662	9.763	ug/l	95
67) Ethyl Benzene	11.72	91	140682	9.920	ug/l	100
68) m/p-Xylenes	11.84	106	109677	19.975	ug/l	97
69) o-Xylene	12.16	106	50621	10.119	ug/l	98
70) Styrene	12.18	104	84810	9.872	ug/l	99
71) Bromoform	12.35	173	15273	10.679	ug/l #	99
73) Isopropylbenzene	12.46	105	136200	9.808	ug/l	100
74) N-amyl acetate	12.27	43	32876	10.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	27475	11.534	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32675	19.590	ug/l #	100
77) Bromobenzene	12.74	156	33524	10.142	ug/l	99
78) n-propylbenzene	12.80	91	157187	9.882	ug/l	100
79) 2-Chlorotoluene	12.89	91	90243	10.038	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	115540	9.884	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	7909	11.061	ug/l	95
82) 4-Chlorotoluene	12.99	91	95818	10.347	ug/l	96
83) tert-Butylbenzene	13.21	119	100238	9.752	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	113236	9.769	ug/l	99
85) sec-Butylbenzene	13.38	105	141769	9.996	ug/l	100
86) p-Isopropyltoluene	13.50	119	130357	9.912	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	62703	9.799	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	62341	9.795	ug/l	97
89) n-Butylbenzene	13.82	91	114114	9.618	ug/l	99
90) Hexachloroethane	14.09	117	20797	9.671	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	56143	9.985	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4080	11.145	ug/l	97

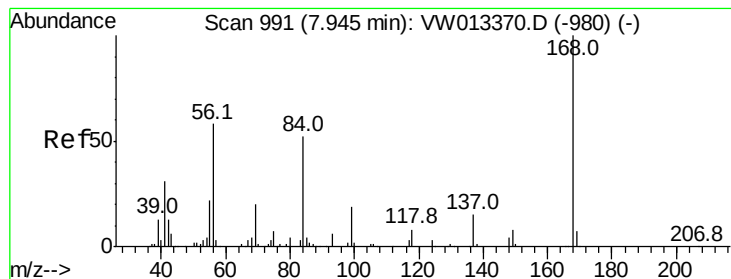
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	40852	10.406	ug/l	98
94) Hexachlorobutadiene	15.23	225	26454	10.001	ug/l	97
95) Naphthalene	15.36	128	71459	11.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	35710	10.400	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

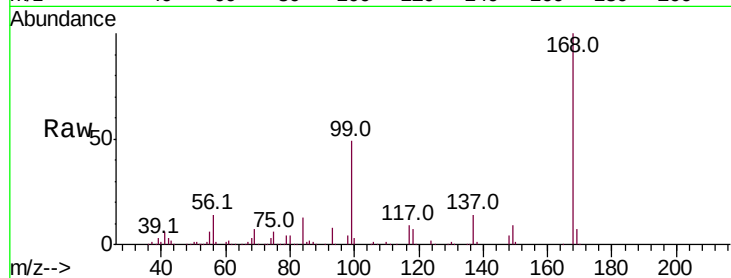
ClientSampleId :

Tot Ion:168 Resp: 299152

Ion Ratio Lower Upper

168 100

99 49.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

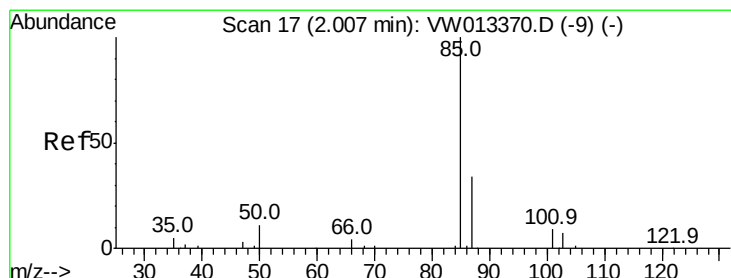
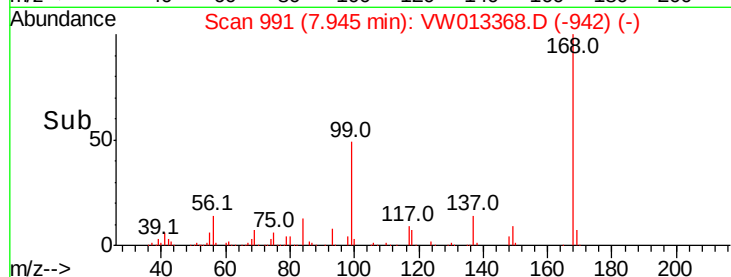
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 10.122 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW013368.D

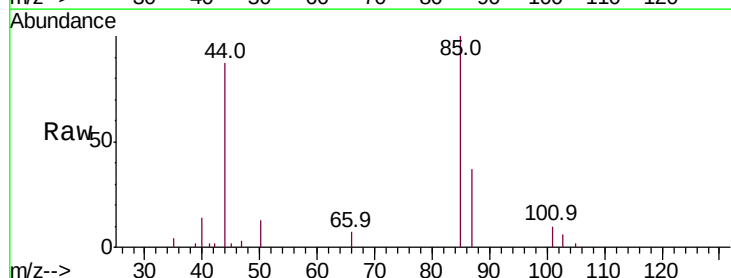
Acq: 01 Oct 2019 13:28

Tgt Ion: 85 Resp: 11372

Ion Ratio Lower Upper

85 100

87 37.0 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

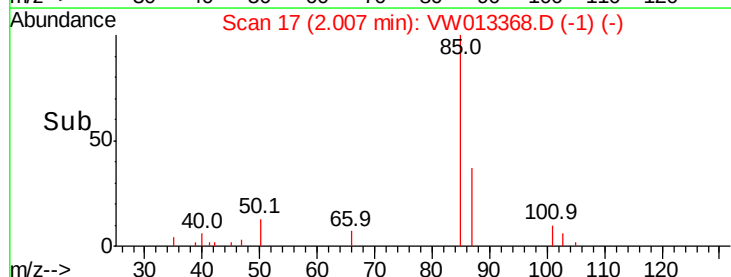
3000

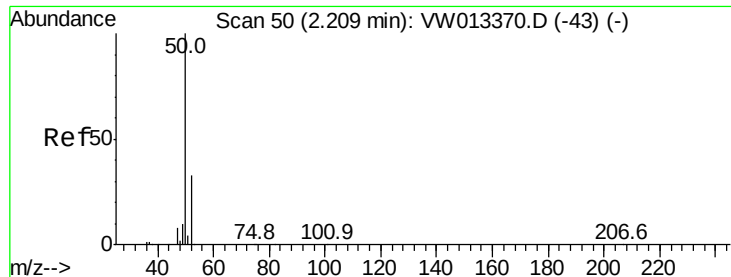
2000

1000

0

Time--> 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 10.630 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

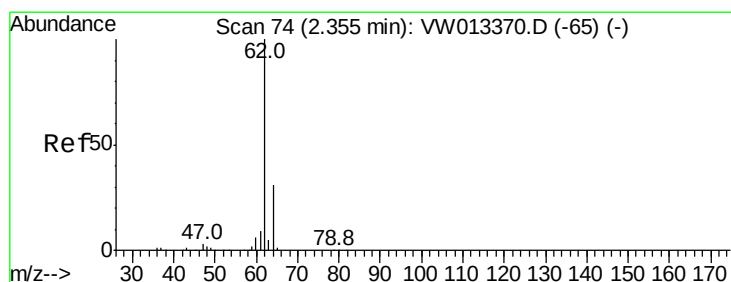
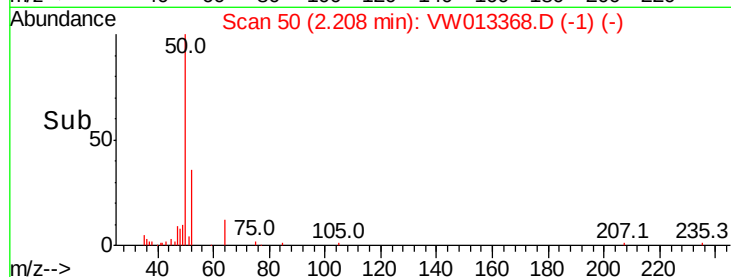
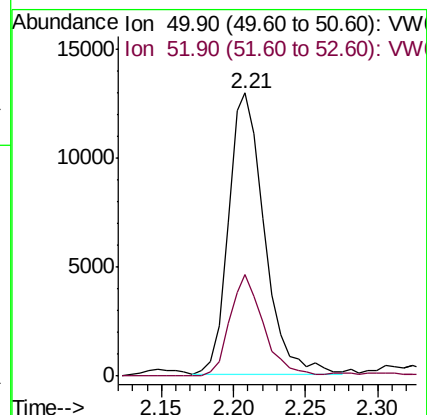
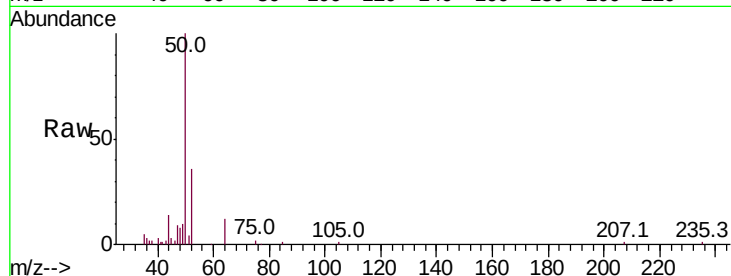
ClientSampled :

Tot Ion: 50 Resp: 22573

Ion Ratio Lower Upper

50 100

52 36.4 26.3 39.5



#4

Vinyl Chloride

Concen: 10.512 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013368.D

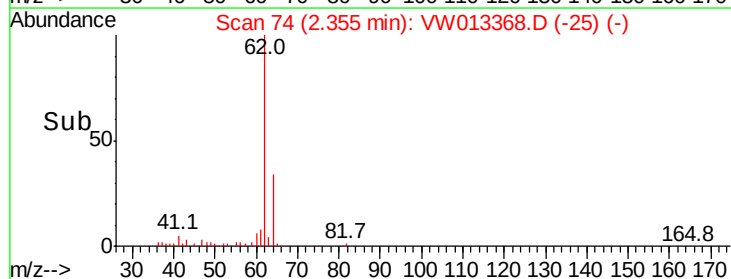
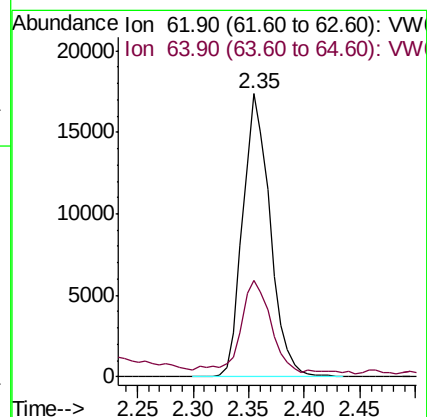
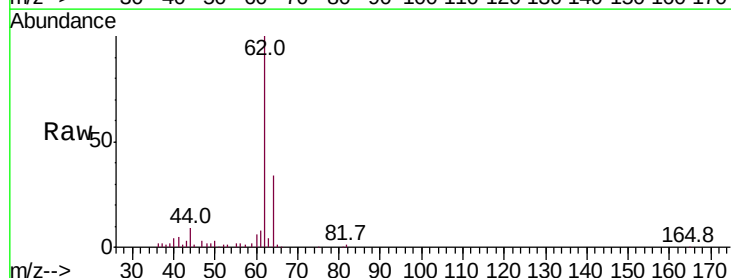
Acq: 01 Oct 2019 13:28

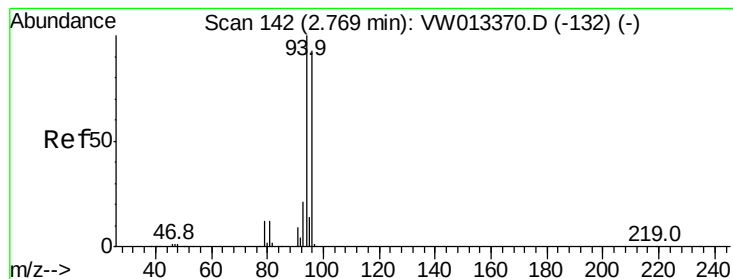
Tgt Ion: 62 Resp: 29674

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





#5

Bromomethane

Concen: 10.350 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

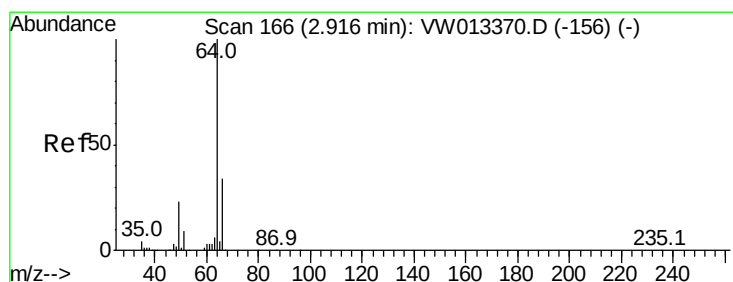
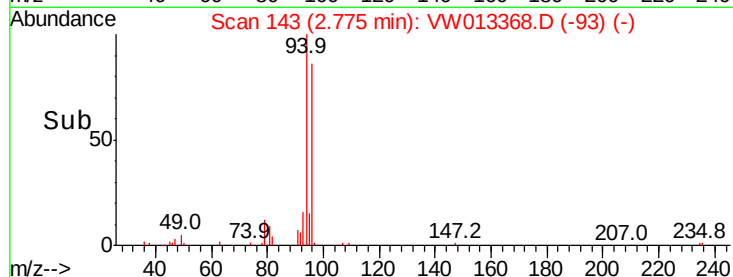
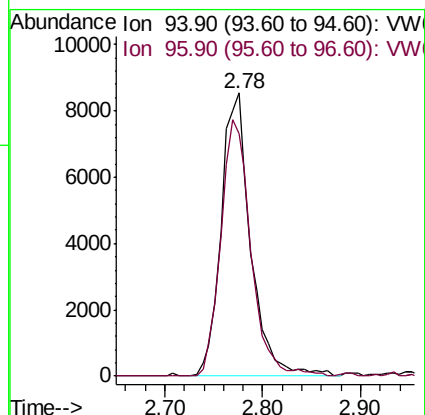
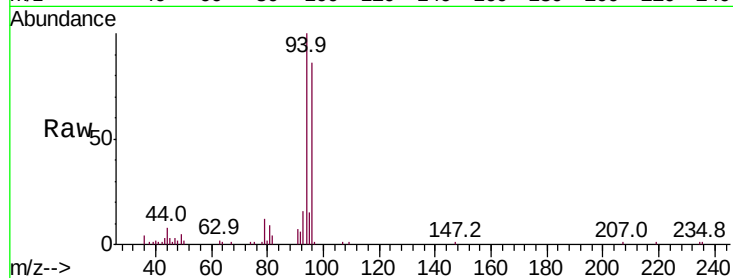
ClientSampleId :

Tot Ion: 94 Resp: 17962

Ion Ratio Lower Upper

94 100

96 85.6 74.8 112.2



#6

Chloroethane

Concen: 10.957 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW013368.D

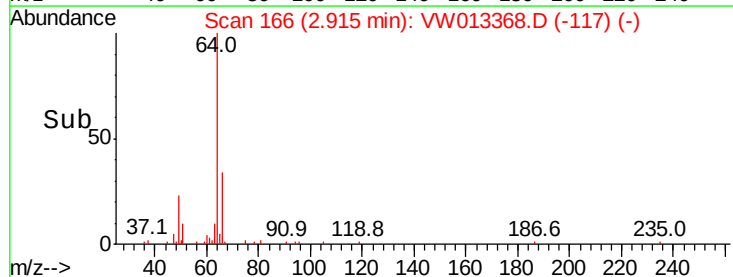
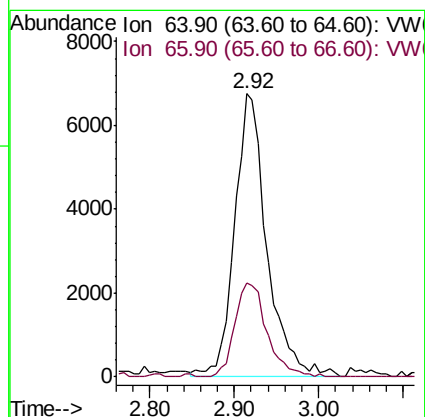
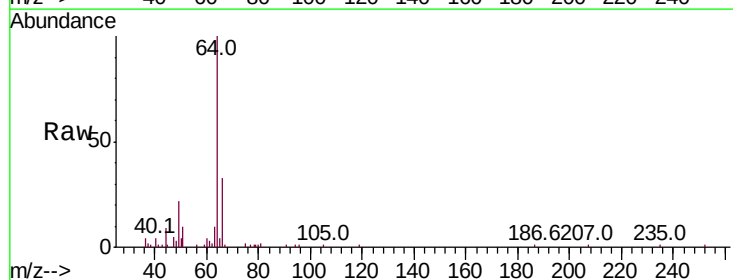
Acq: 01 Oct 2019 13:28

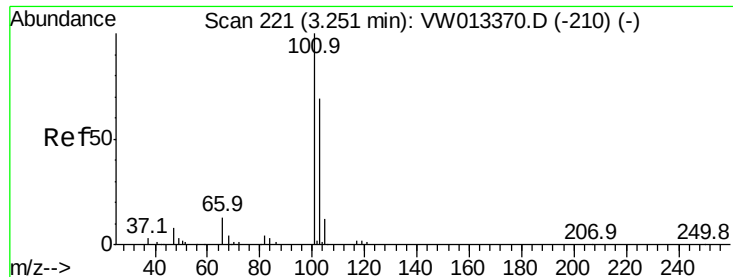
Tgt Ion: 64 Resp: 17460

Ion Ratio Lower Upper

64 100

66 33.1 26.9 40.3



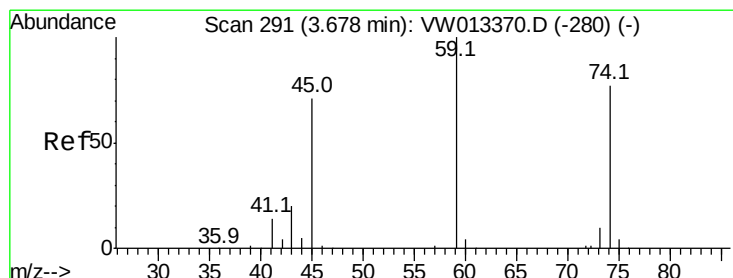
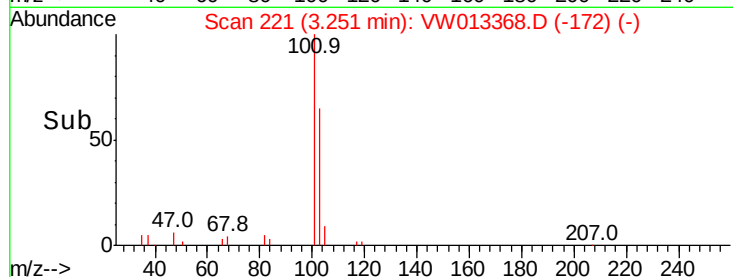
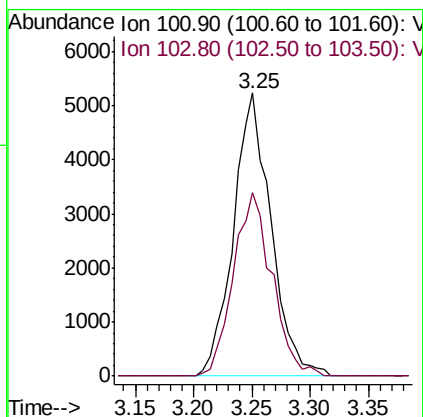
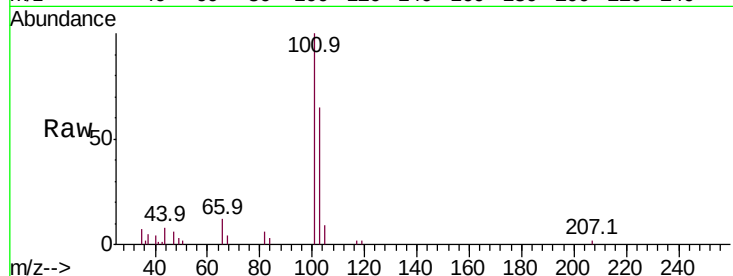


#7

Trichlorofluoromethane
 Concen: 9.541 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Instrument :
 MSVOA_W
 ClientSampled :

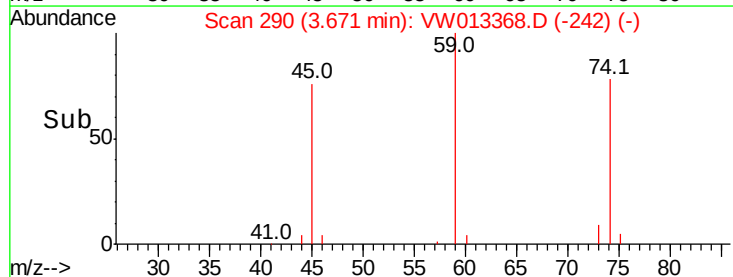
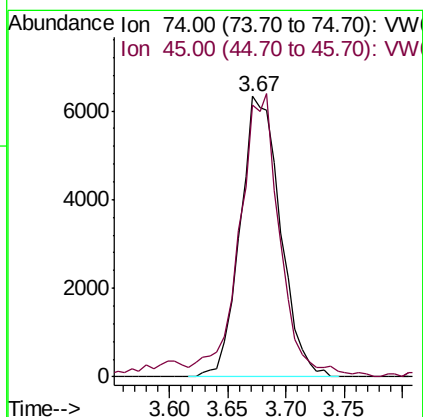
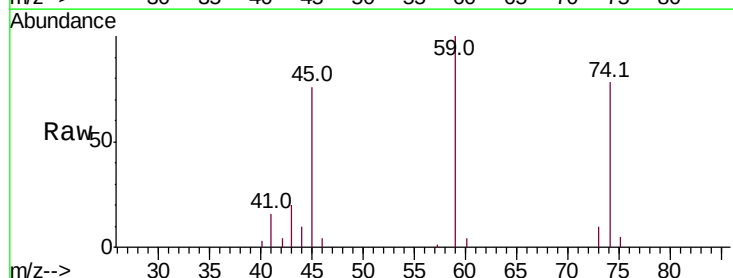
Tot Ion:101 Resp: 11749
 Ion Ratio Lower Upper
 101 100
 103 64.7 55.3 82.9

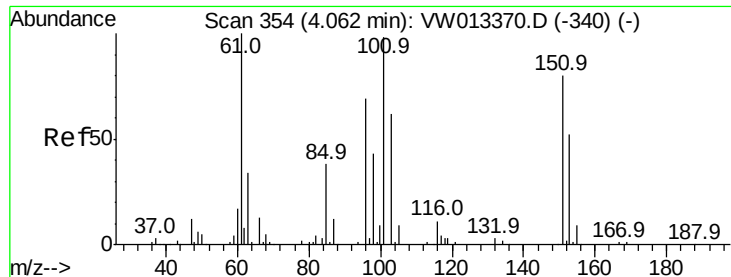


#8

Diethyl Ether
 Concen: 11.032 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion: 74 Resp: 15214
 Ion Ratio Lower Upper
 74 100
 45 101.7 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.116 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

ClientSampled :

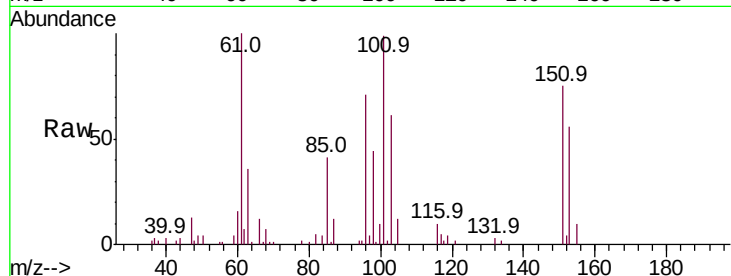
Tot Ion:101 Resp: 27469

Ion Ratio Lower Upper

101 100

85 38.7 31.9 47.9

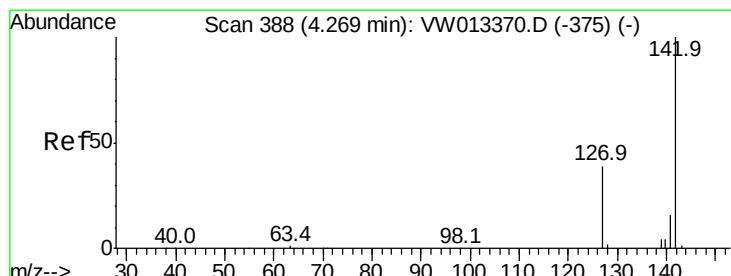
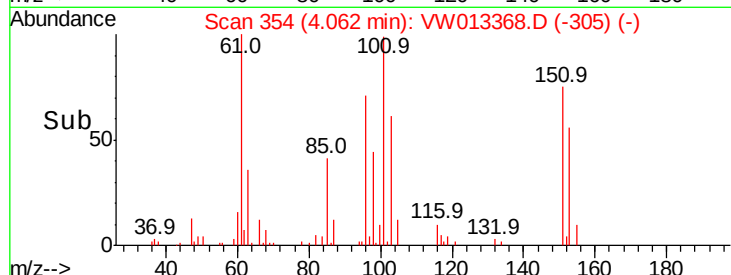
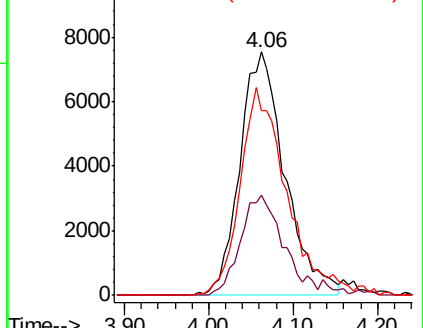
151 87.4 67.0 100.6



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: 10.322 ug/l

RT: 4.27 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

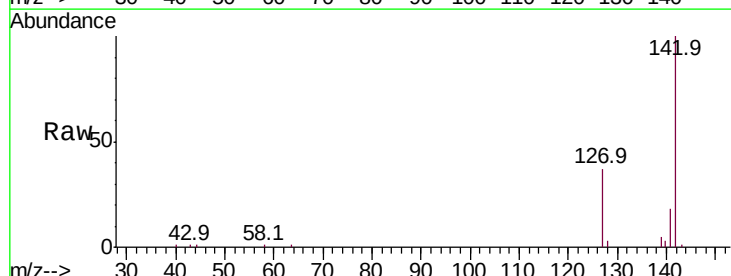
Tgt Ion:142 Resp: 44548

Ion Ratio Lower Upper

142 100

127 37.4 30.1 45.1

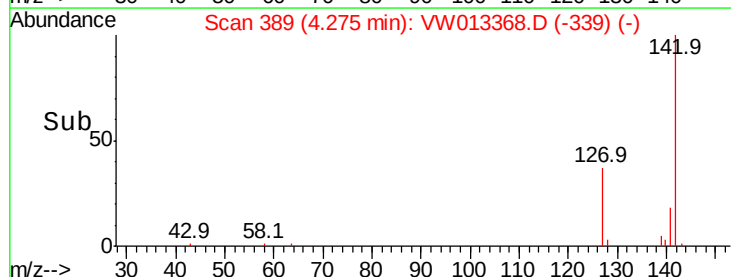
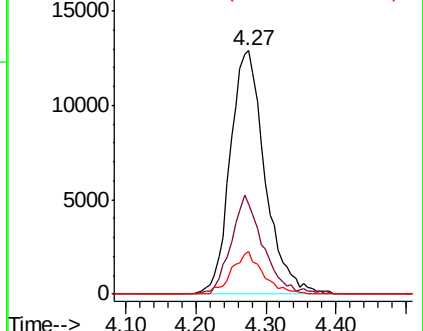
141 15.5 11.7 17.5

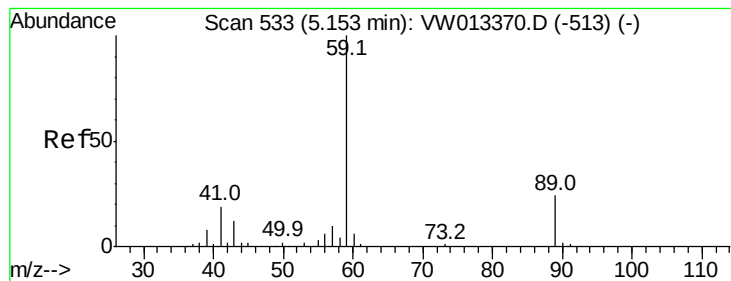


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



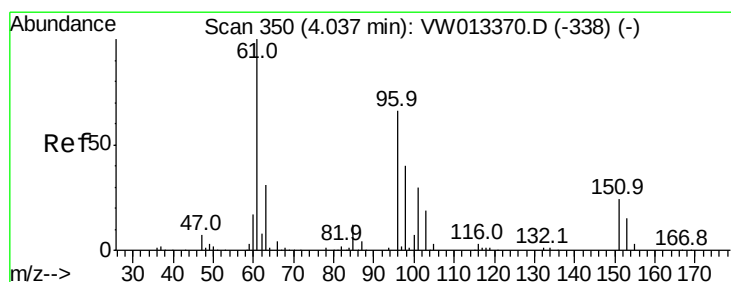
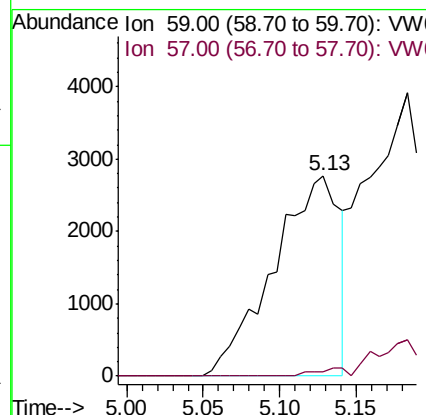
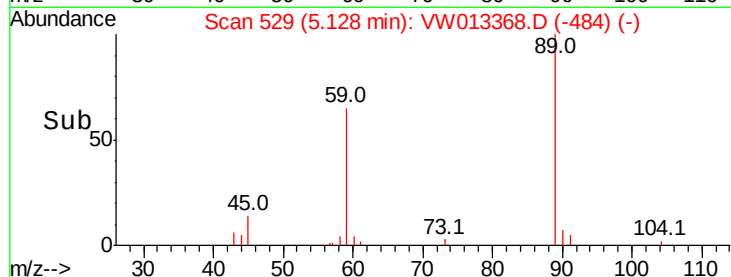
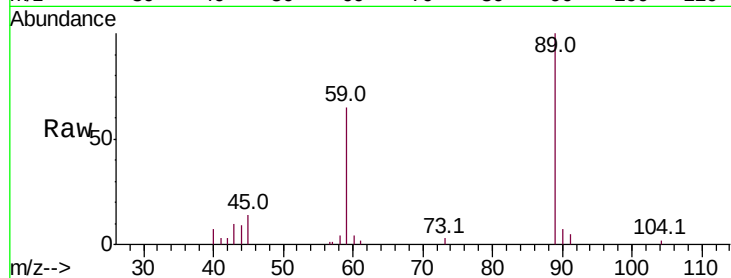


#11

Tert butyl alcohol
 Concen: 17.598 ug/l
 RT: 5.13 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Instrument :
 MSVOA_W
 ClientSampled :

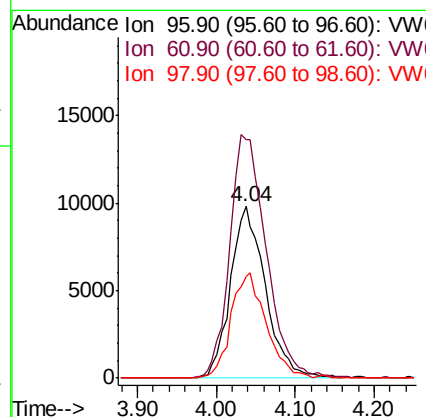
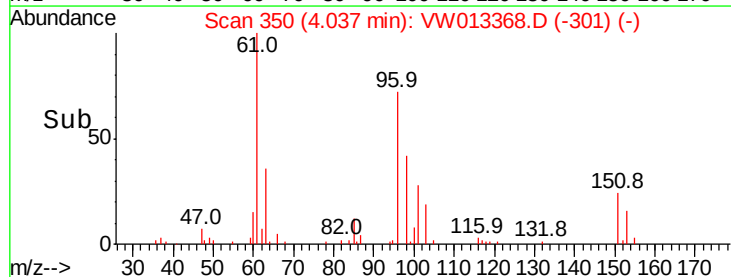
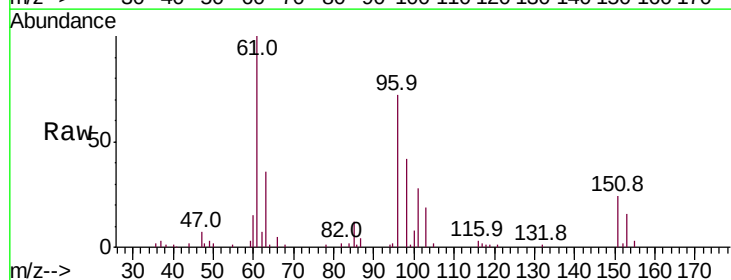
Tot Ion: 59 Resp: 8383
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

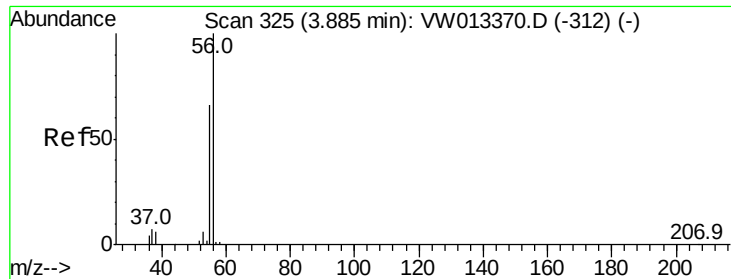


#12

1,1-Dichloroethene
 Concen: 10.636 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion: 96 Resp: 30266
 Ion Ratio Lower Upper
 96 100
 61 138.3 121.4 182.2
 98 58.9 48.9 73.3





#13

Acrolein

Concen: 65.146 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

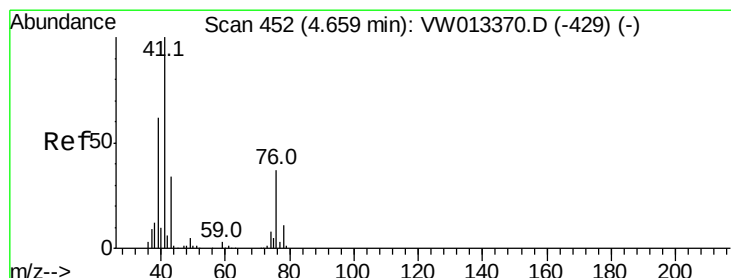
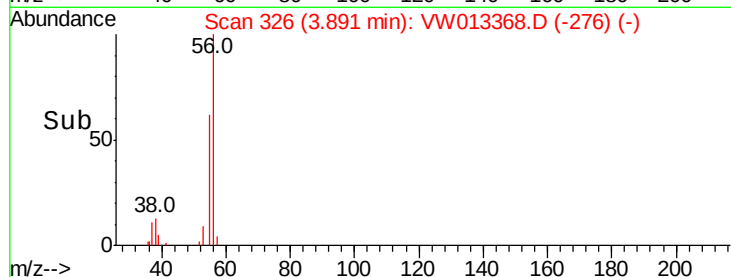
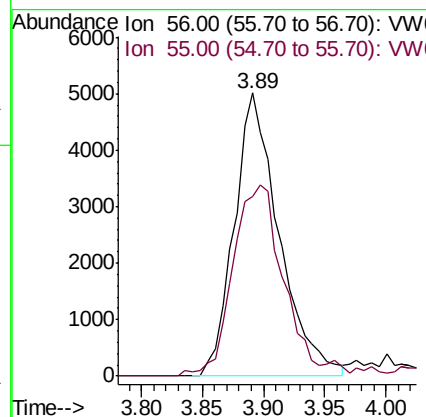
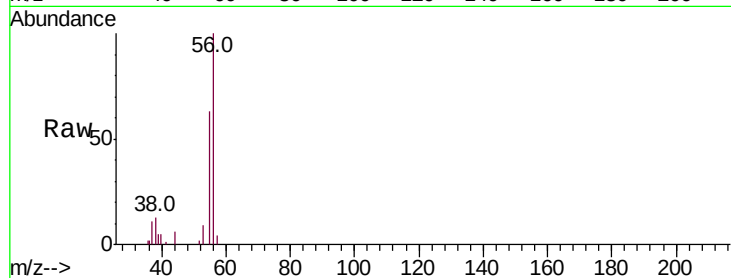
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 12737

Ion Ratio Lower Upper

56 100

55 76.9 55.3 82.9



#14

Allyl chloride

Concen: 10.113 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

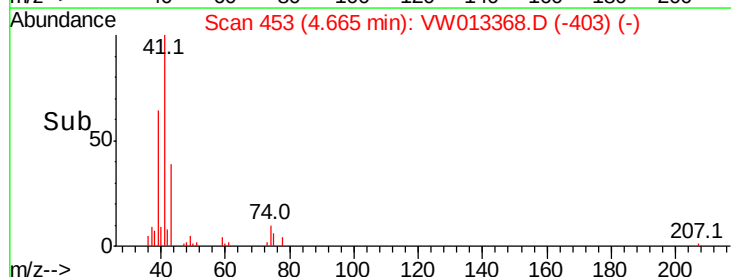
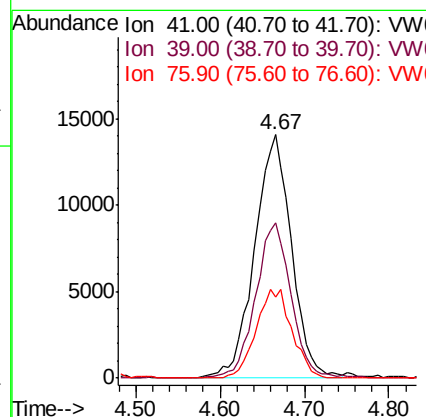
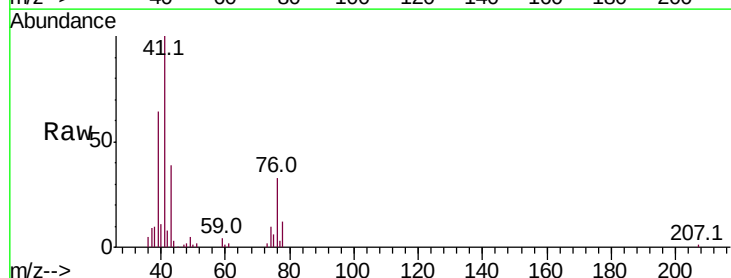
Tgt Ion: 41 Resp: 42079

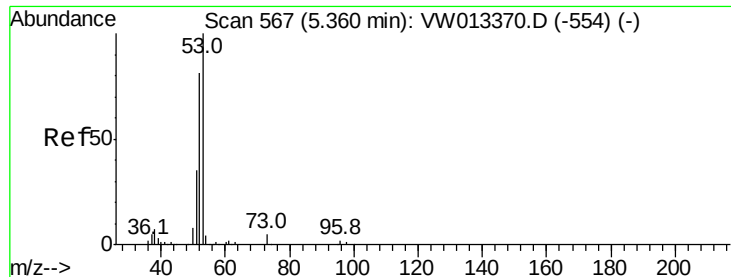
Ion Ratio Lower Upper

41 100

39 61.6 49.4 74.0

76 35.3 29.1 43.7





#15

Acrylonitrile

Concen: 59.334 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

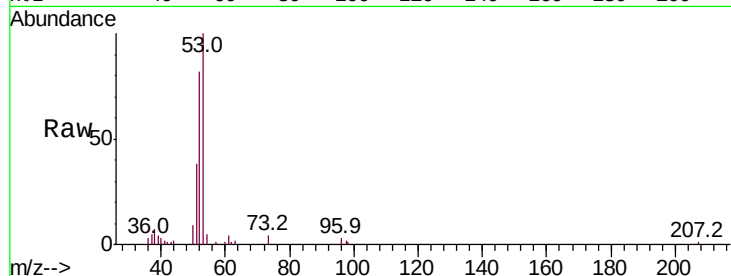
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 53 Resp: 37577

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.8	98.8
51	36.2	28.7	43.1

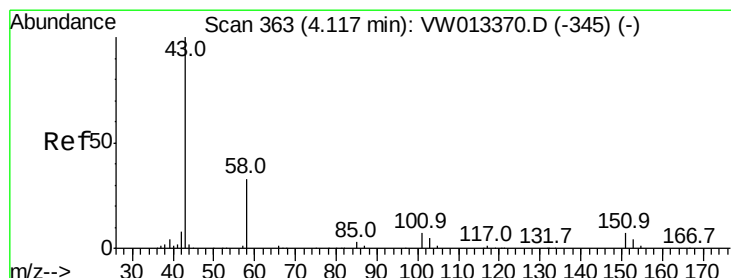
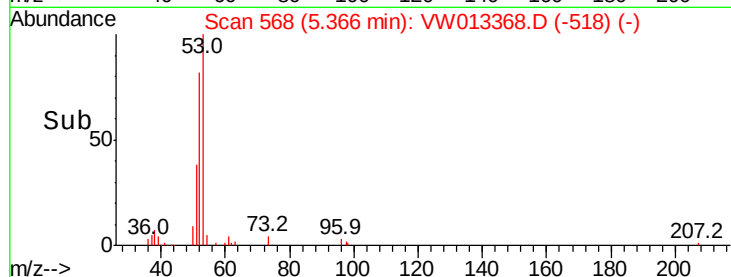
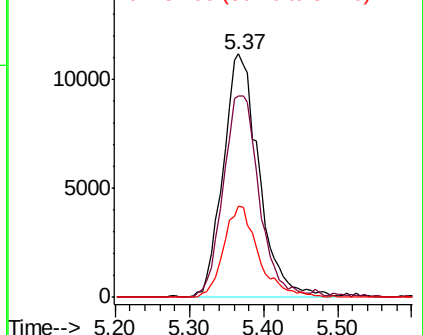


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 53.993 ug/l

RT: 4.13 min Scan# 365

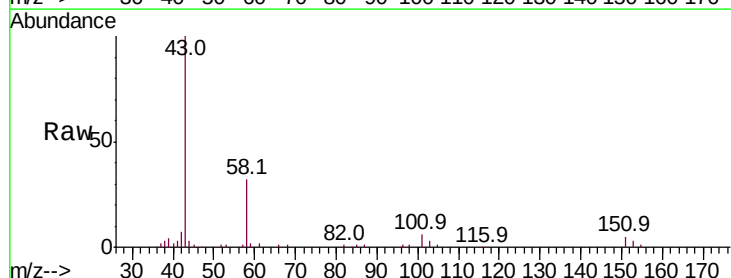
Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Tgt Ion: 43 Resp: 39780

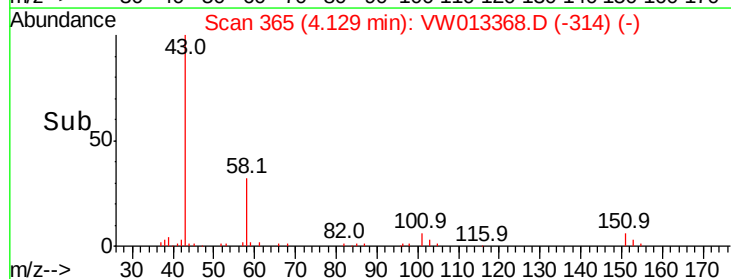
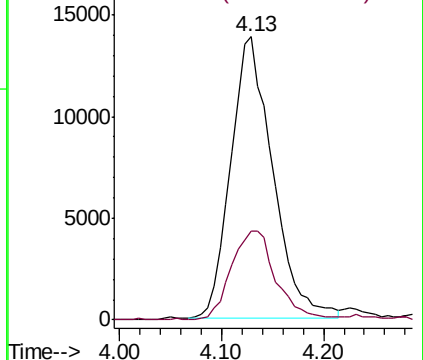
Ion	Ratio	Lower	Upper
43	100		
58	31.7	26.2	39.4

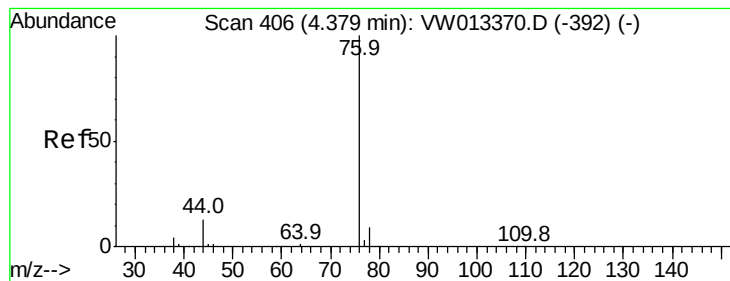


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 10.153 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

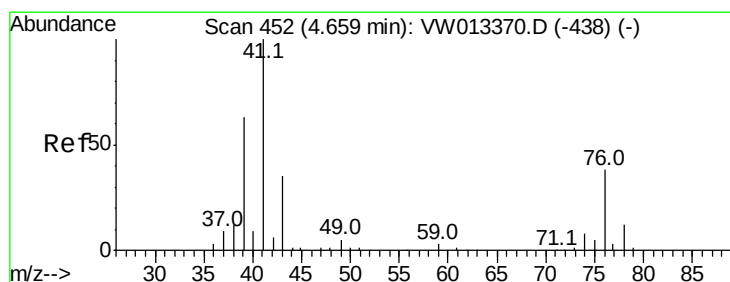
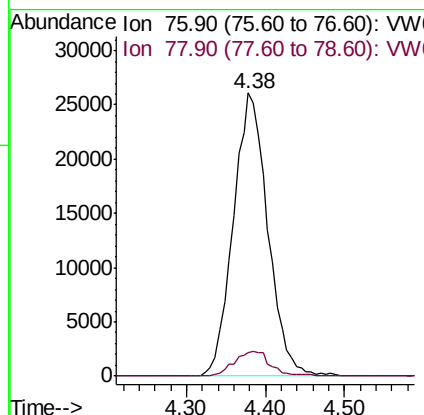
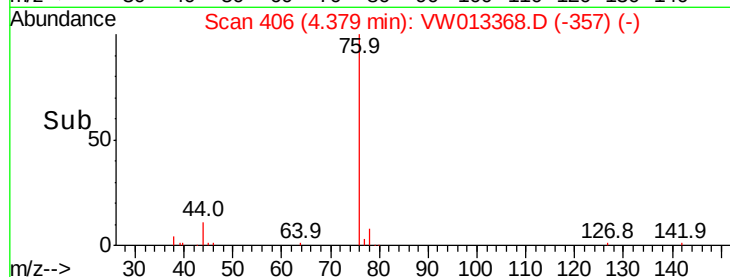
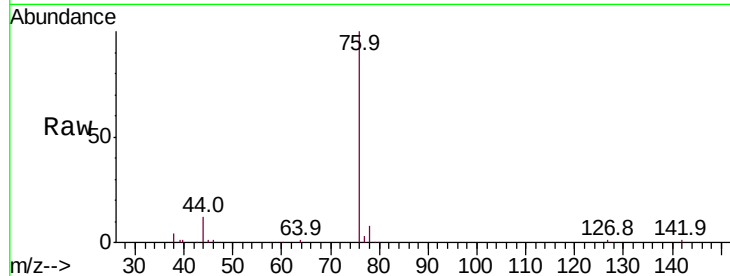
ClientSampleId :

Tot Ion: 76 Resp: 79395

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9



#18

Methyl Acetate

Concen: 11.776 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013368.D

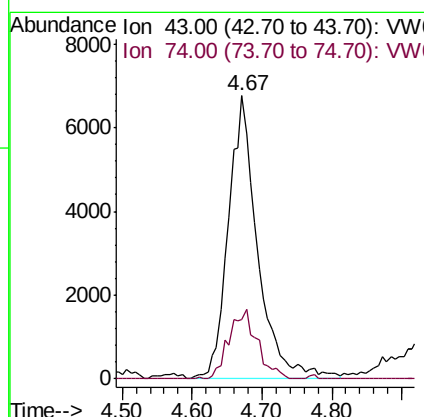
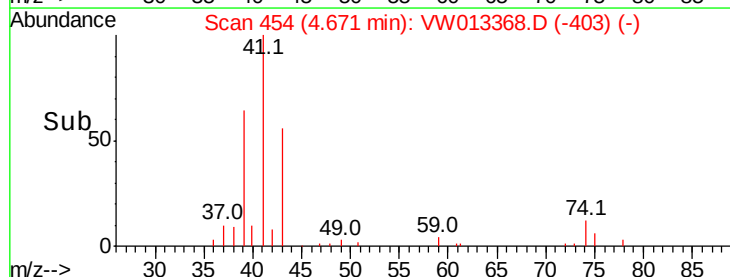
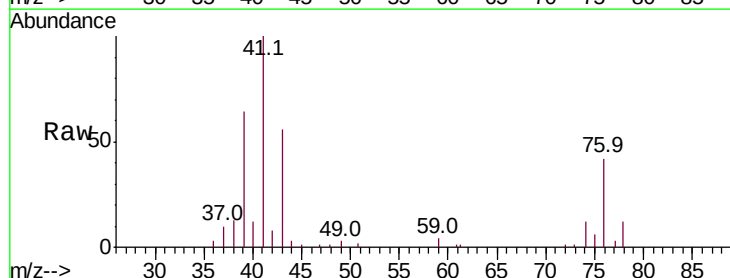
Acq: 01 Oct 2019 13:28

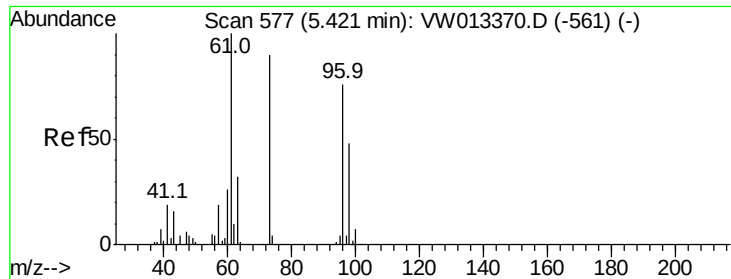
Tgt Ion: 43 Resp: 19698

Ion Ratio Lower Upper

43 100

74 23.4 20.8 31.2

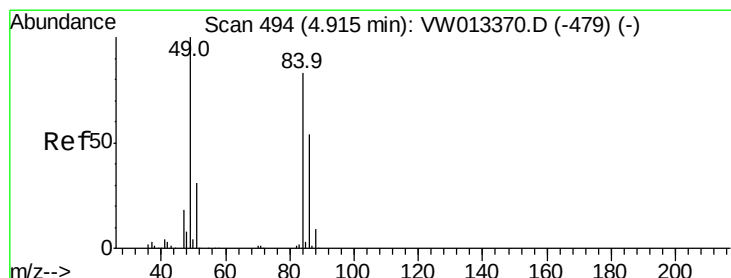
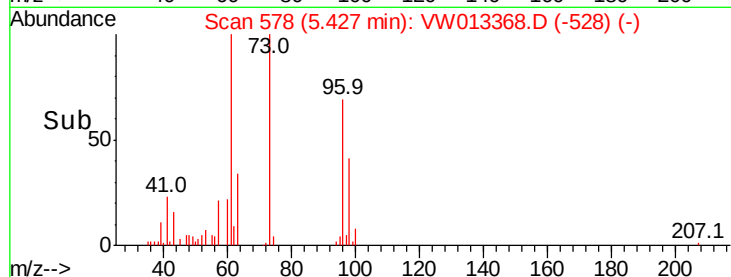
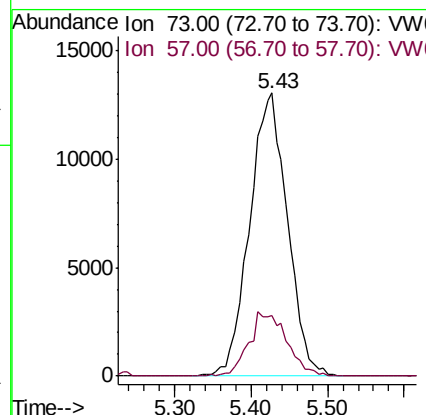
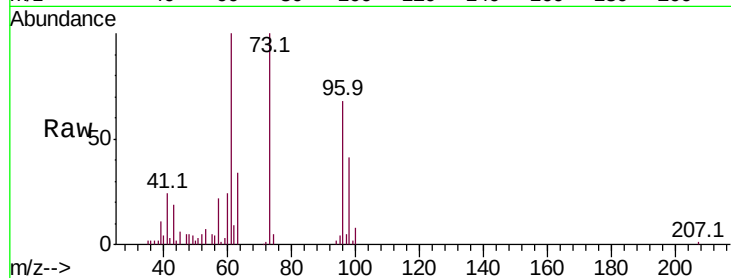




#19
Methyl tert-butyl Ether
Concen: 10.716 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

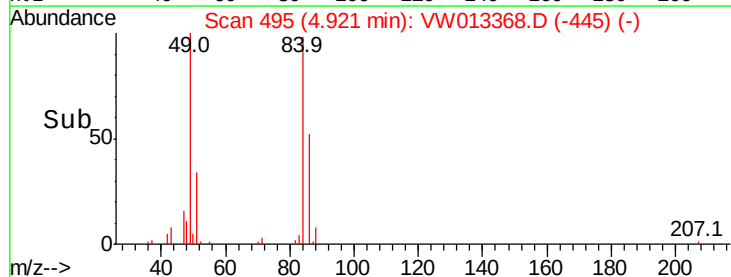
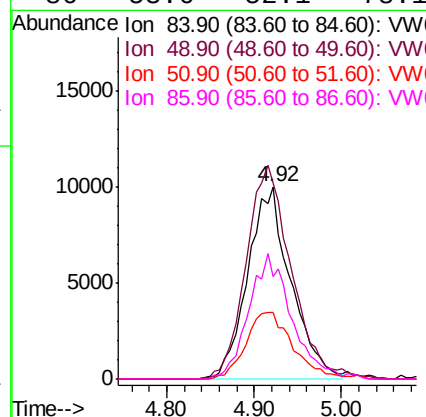
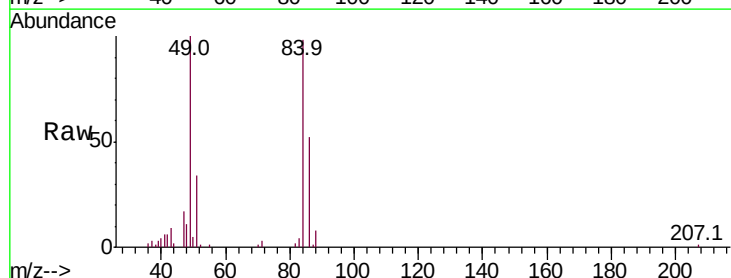
Instrument :
MSVOA_W
ClientSampled :

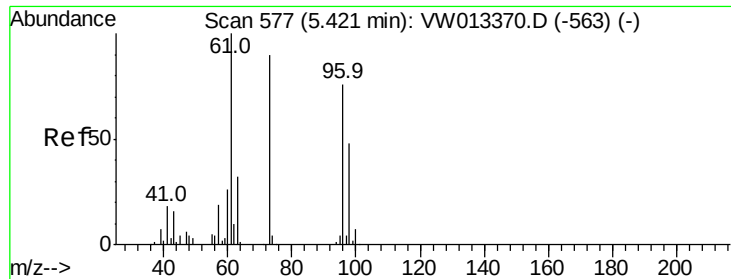
Tot Ion: 73 Resp: 44772
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#20
Methylene Chloride
Concen: 9.249 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion: 84 Resp: 34220
Ion Ratio Lower Upper
84 100
49 102.2 96.3 144.5
51 34.4 30.2 45.4
86 53.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 10.344 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :
MSVOA_W
ClientSampleId :

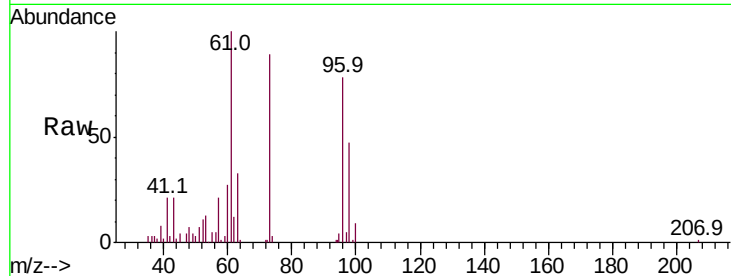
Tot Ion: 96 Resp: 31106

Ion Ratio Lower Upper

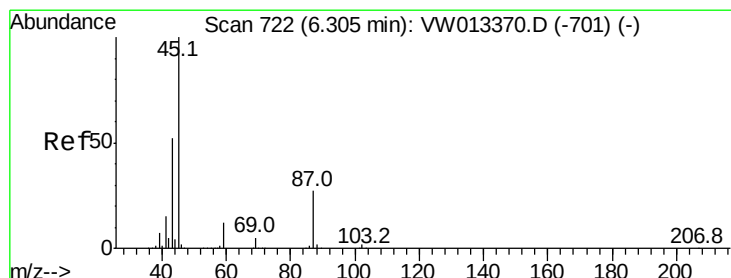
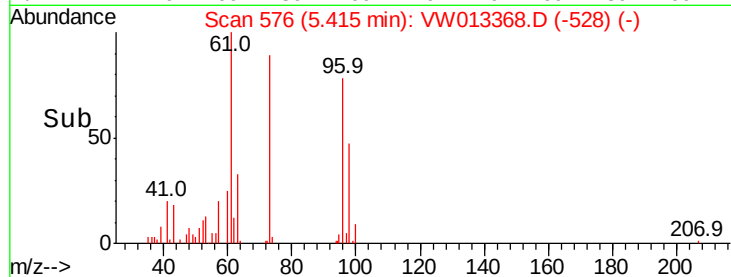
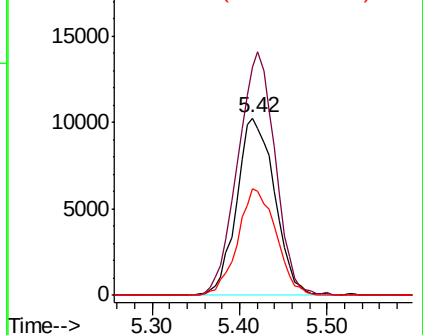
96 100

61 128.4 105.4 158.0

98 60.3 50.6 76.0



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: 10.312 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Tgt Ion: 45 Resp: 82818

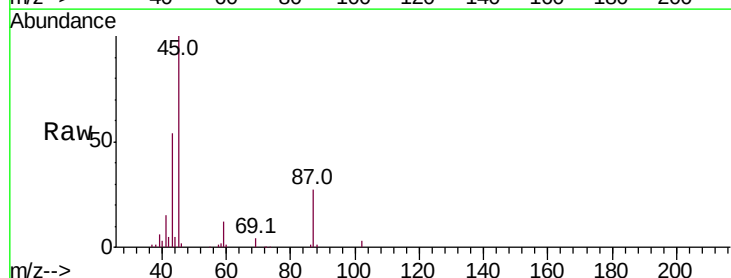
Ion Ratio Lower Upper

45 100

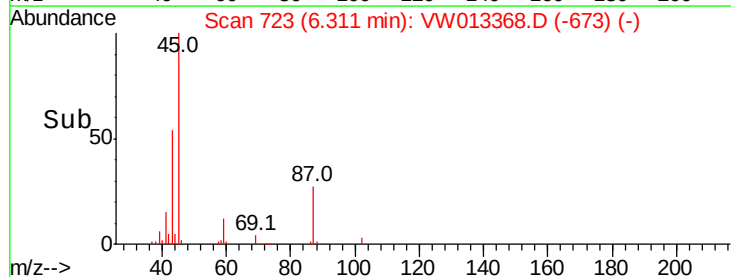
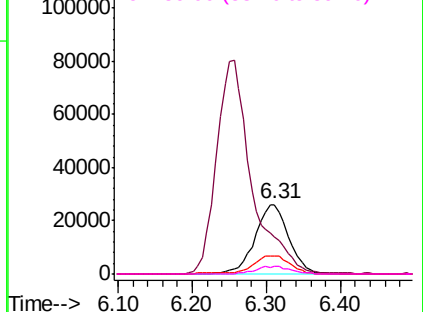
43 52.5 41.3 61.9

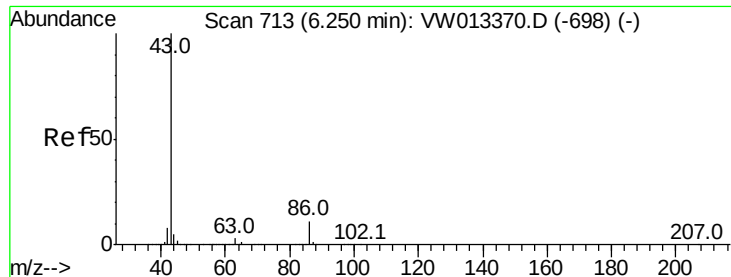
87 26.6 22.1 33.1

59 12.0 9.8 14.6



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: 55.050 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

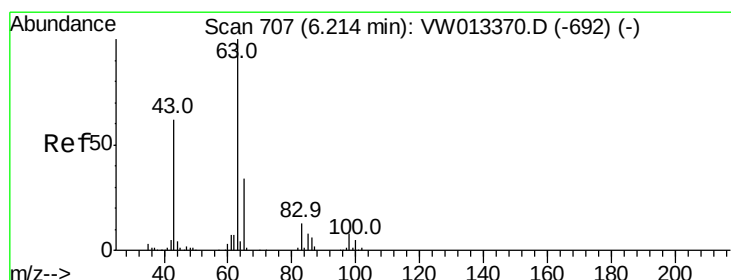
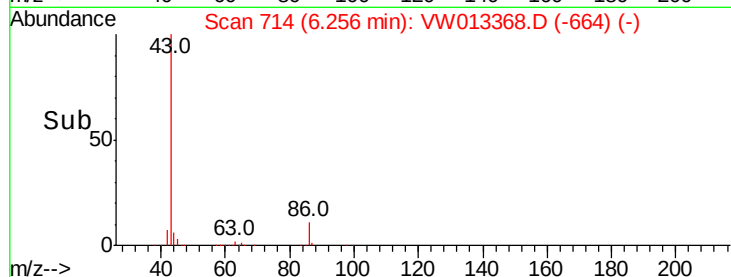
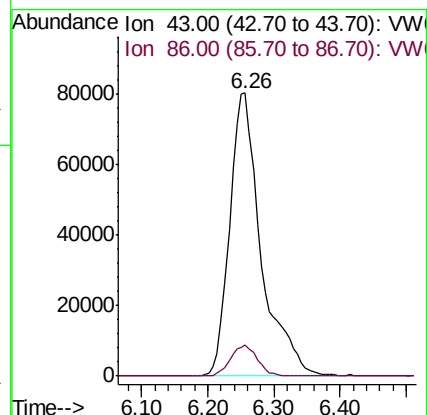
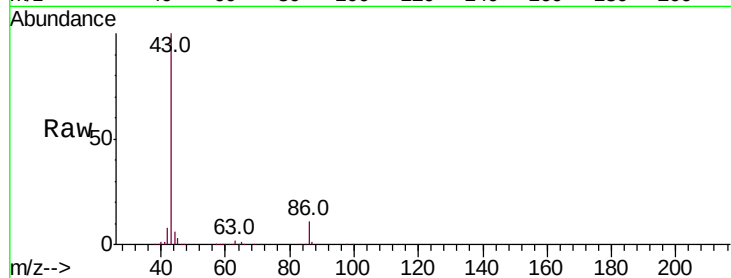
ClientSampleId :

Tot Ion: 43 Resp: 264485

Ion Ratio Lower Upper

43 100

86 11.2 8.8 13.2



#24

1,1-Dichloroethane

Concen: 10.104 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

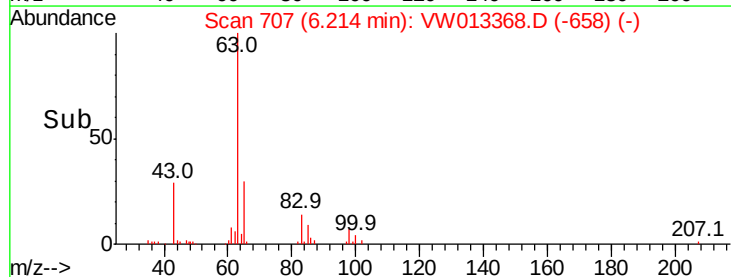
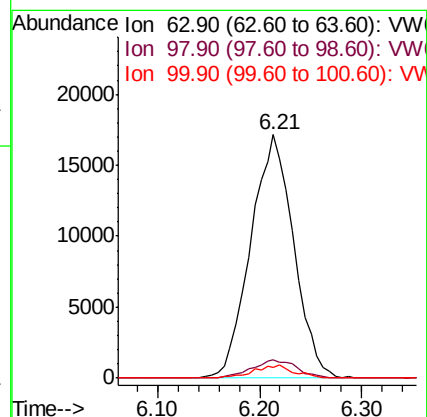
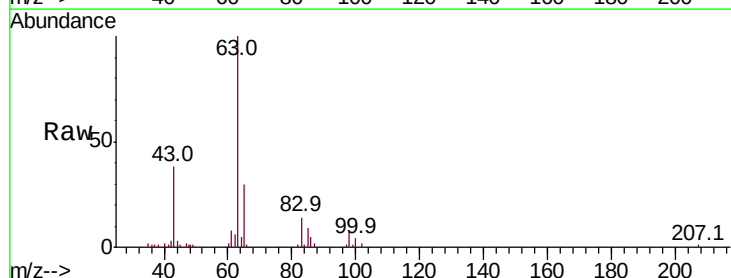
Tgt Ion: 63 Resp: 50142

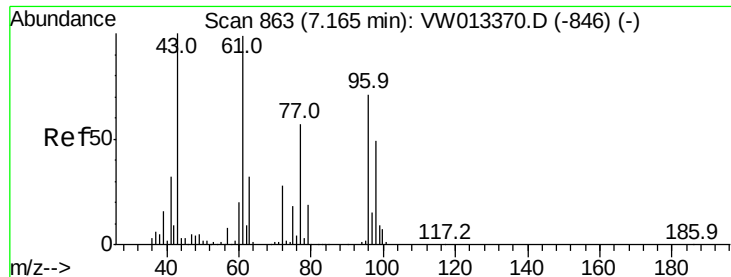
Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.2

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 59.459 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

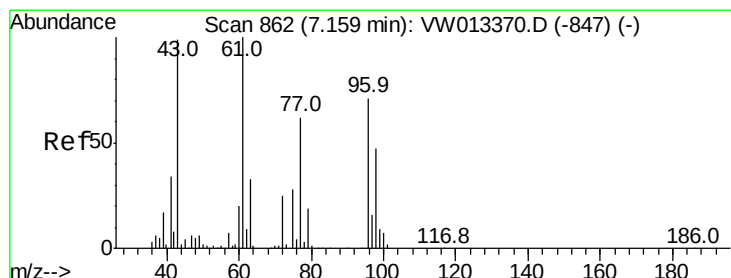
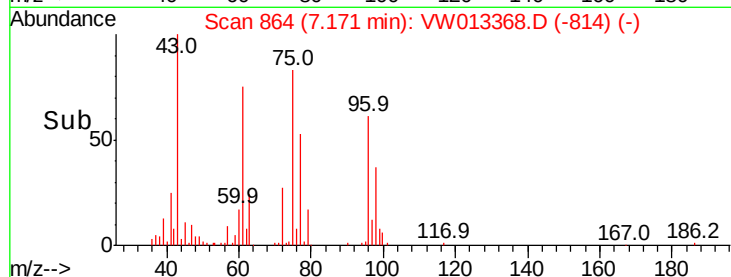
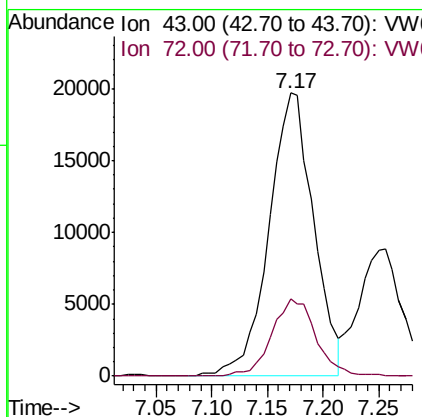
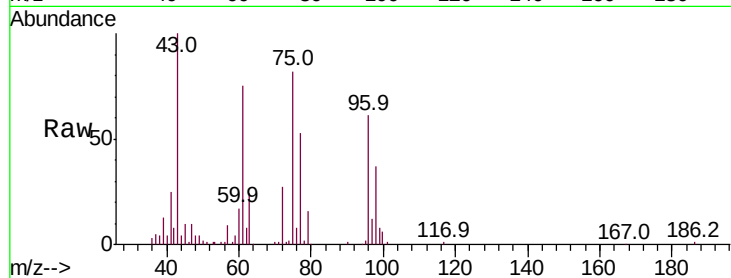
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 55108

Ion Ratio Lower Upper

43 100

72 27.3 22.6 33.8



#26

2,2-Dichloropropane

Concen: 10.614 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013368.D

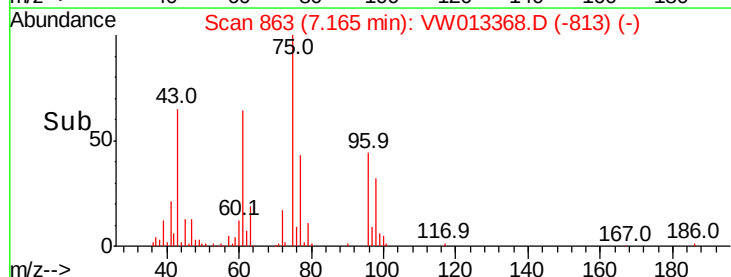
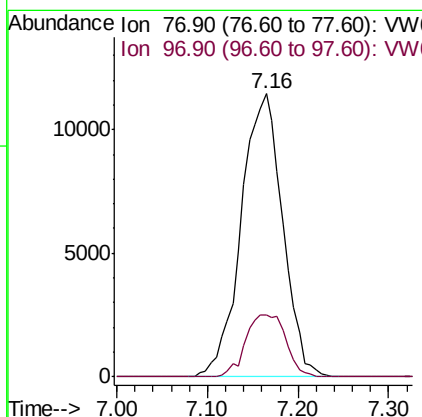
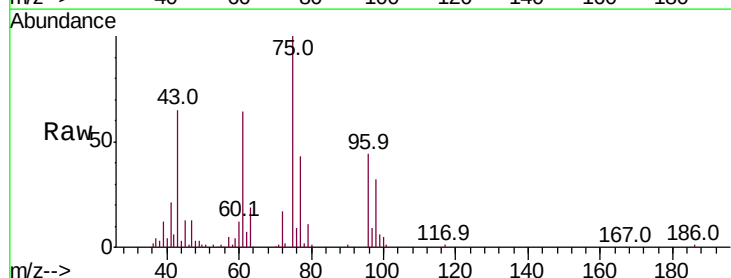
Acq: 01 Oct 2019 13:28

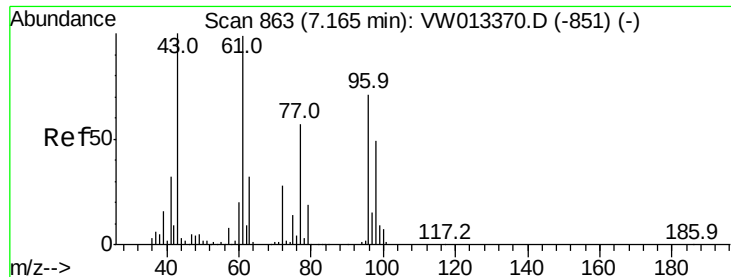
Tgt Ion: 77 Resp: 36170

Ion Ratio Lower Upper

77 100

97 21.4 12.3 36.8



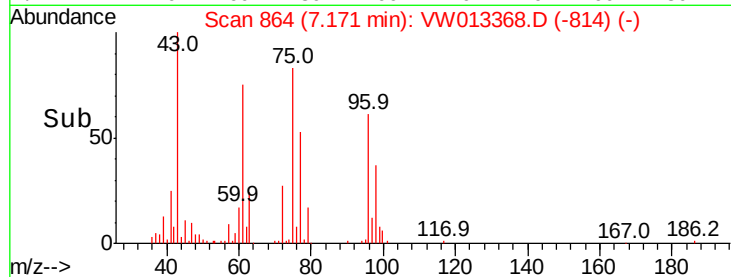
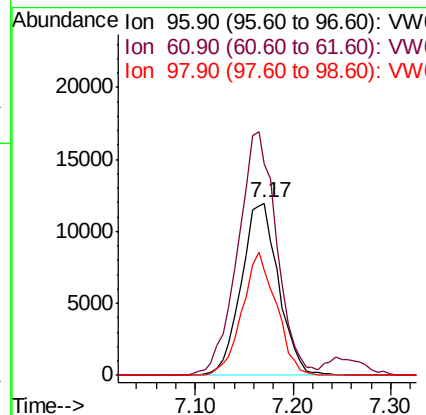
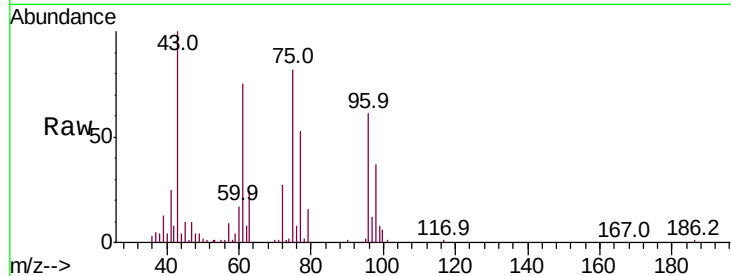


#27

cis-1,2-Dichloroethene
Concen: 10.014 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Instrument :
MSVOA_W
ClientSampled :

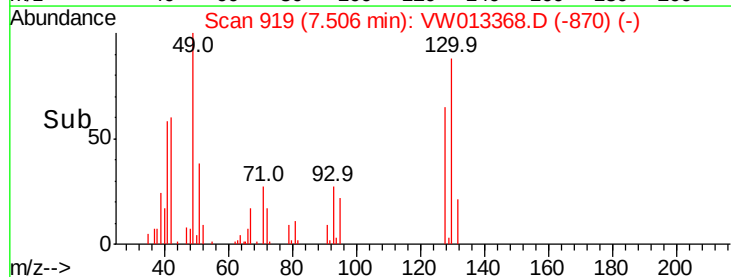
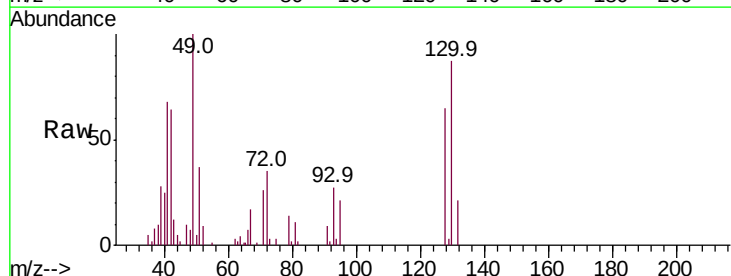
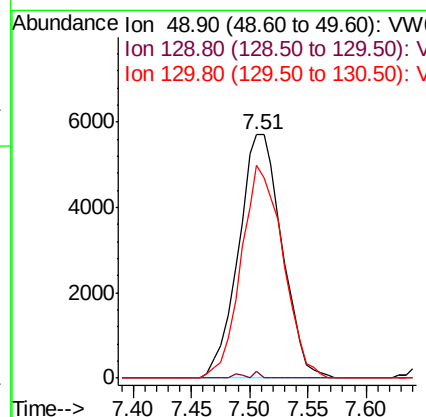
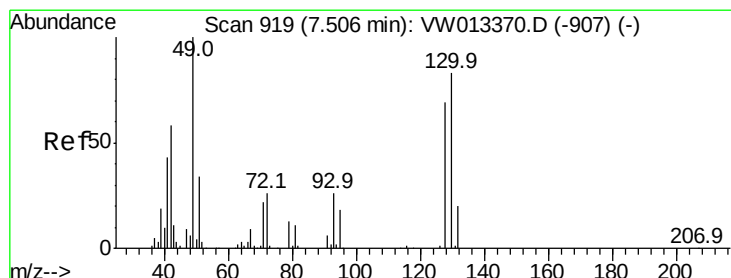
Tot Ion: 96 Resp: 31684
Ion Ratio Lower Upper
96 100
61 147.6 0.0 273.2
98 65.3 0.0 130.0

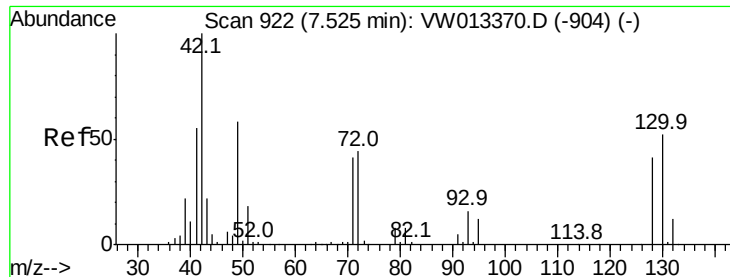


#28

Bromochloromethane
Concen: 8.675 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion: 49 Resp: 14802
Ion Ratio Lower Upper
49 100
129 0.4 0.0 0.8
130 84.0 68.3 102.5





#29

Tetrahydrofuran

Concen: 60.096 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

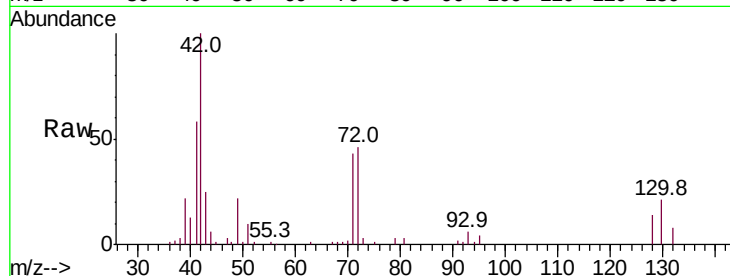
Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 32251

Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.0	52.4
71	43.0	33.1	49.7

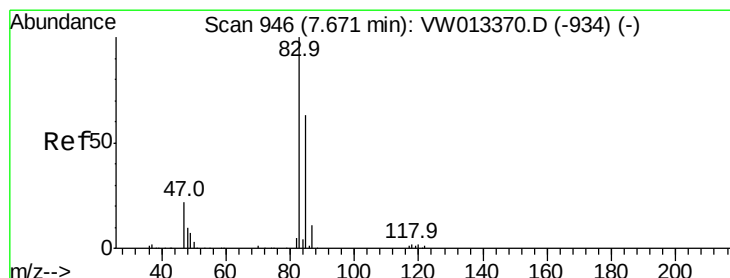
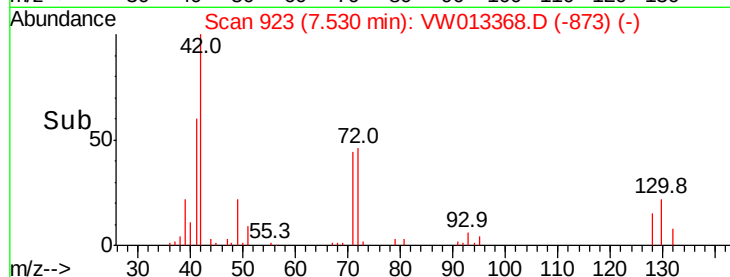
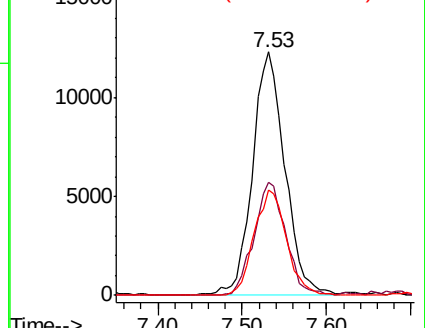


Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 10.191 ug/l

RT: 7.67 min Scan# 946

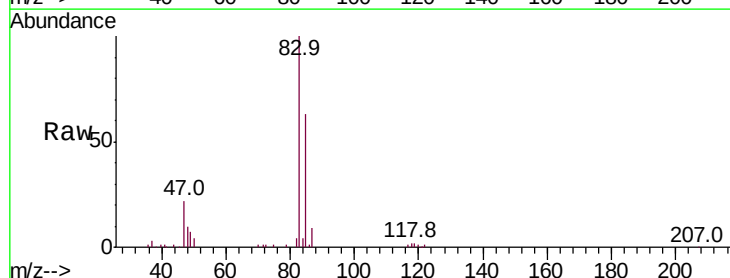
Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Tgt Ion: 83 Resp: 49507

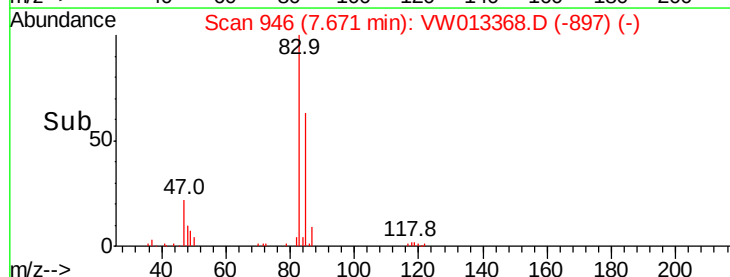
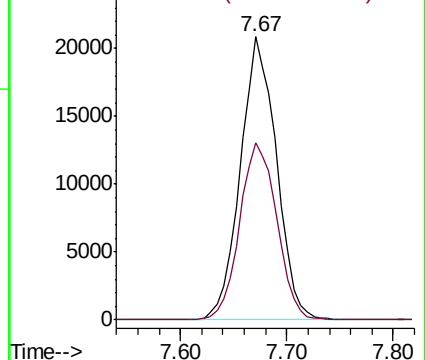
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.6	76.0

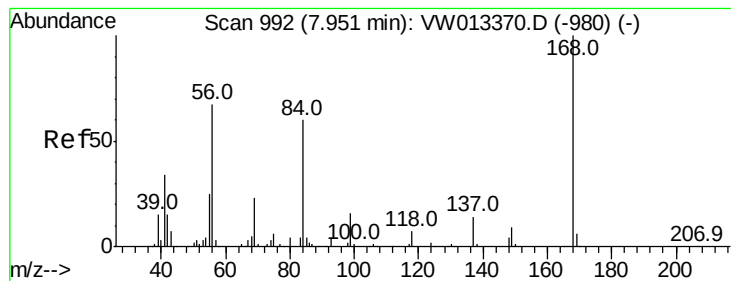


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 10.235 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

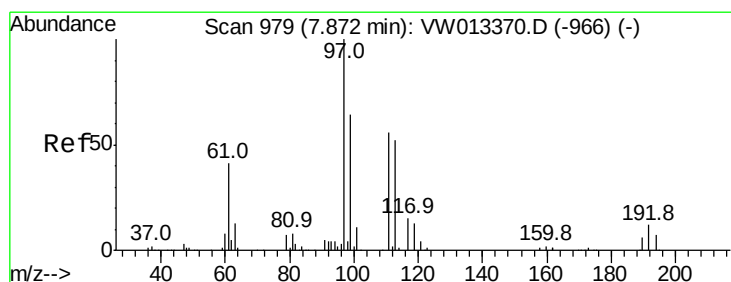
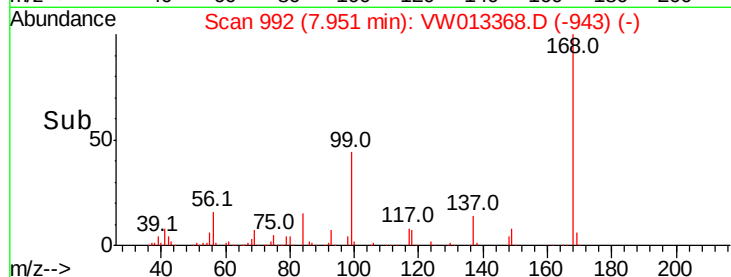
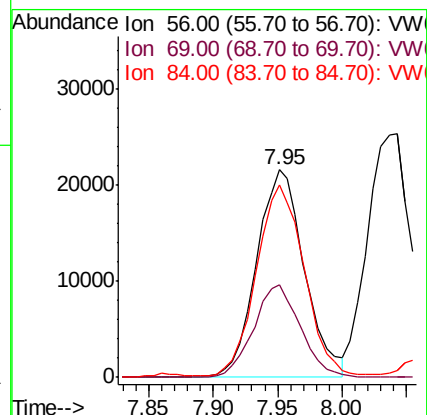
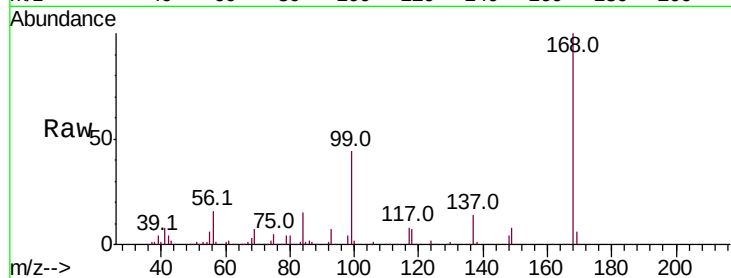
Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 55684

Ion	Ratio	Lower	Upper
56	100		
69	44.9	27.5	41.3#
84	91.6	71.4	107.0



#32

1,1,1-Trichloroethane

Concen: 10.121 ug/l

RT: 7.87 min Scan# 979

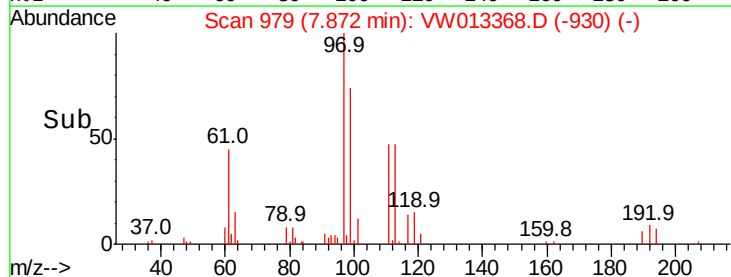
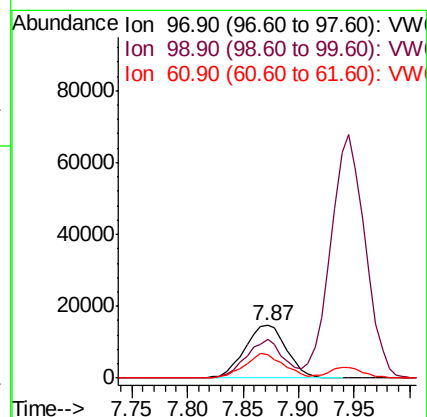
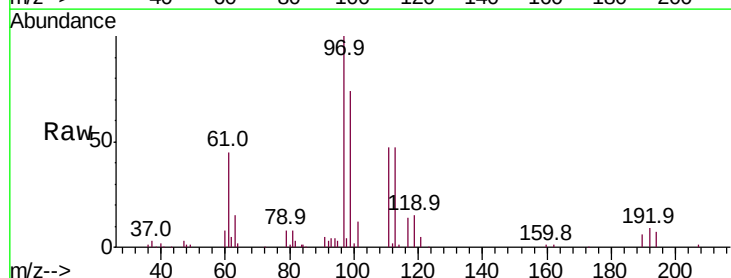
Delta R.T. -0.00 min

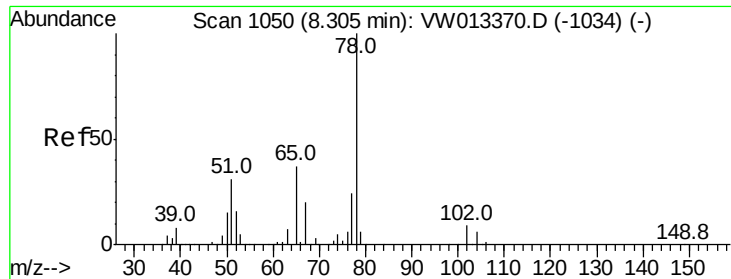
Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Tgt Ion: 97 Resp: 38467

Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.6	77.4
61	43.4	33.0	49.4

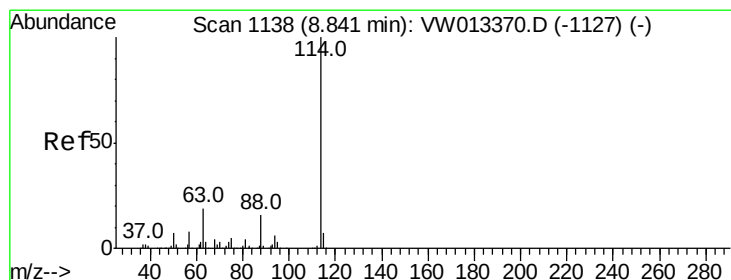
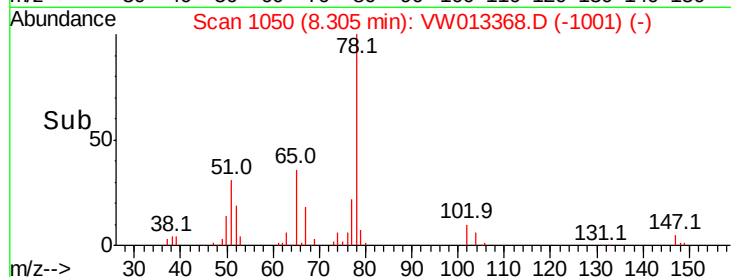
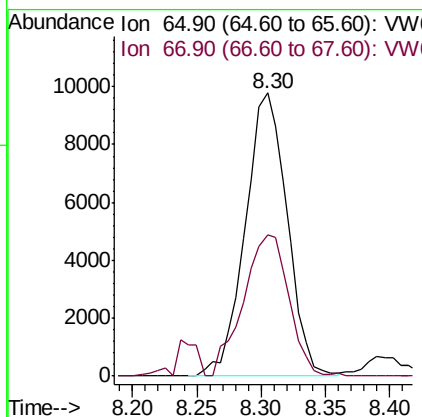
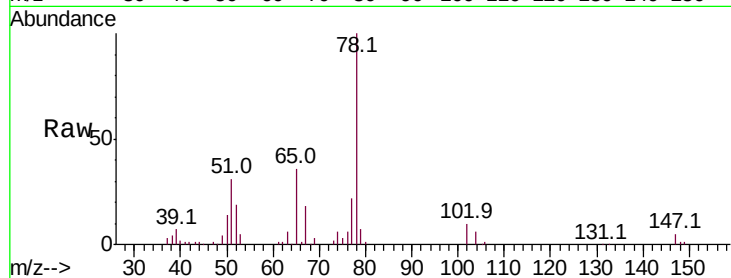




#33
 1,2-Dichloroethane-d4
 Concen: 9.641 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

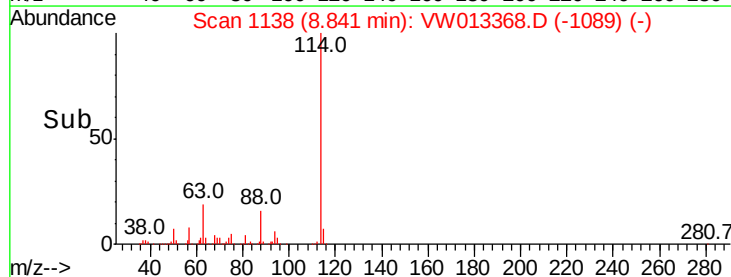
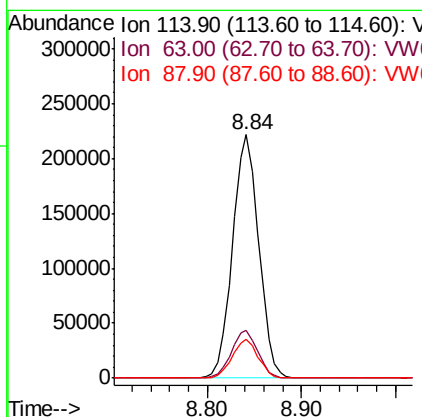
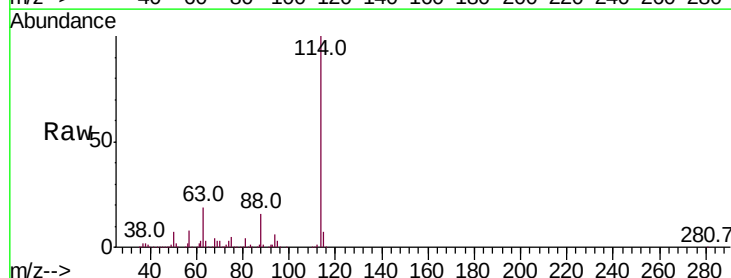
Instrument :
 MSVOA_W
 ClientSampled :

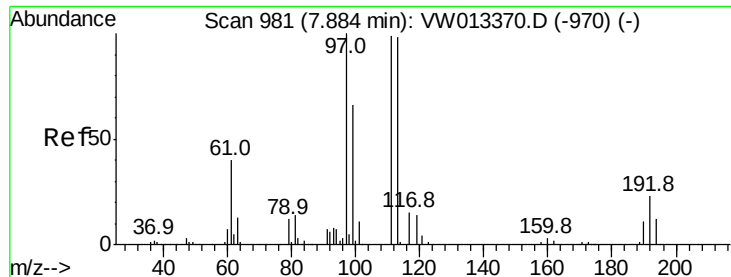
Tot Ion: 65 Resp: 21997
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion: 114 Resp: 427626
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.4
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 9.161 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :
MSVOA_W
ClientSampled :

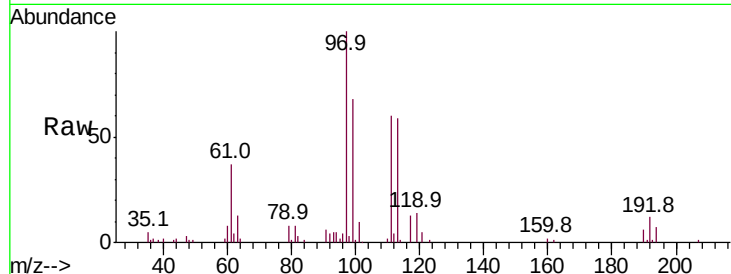
Tot Ion:113 Resp: 21064

Ion Ratio Lower Upper

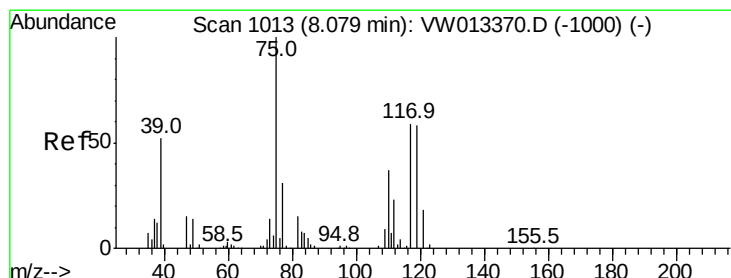
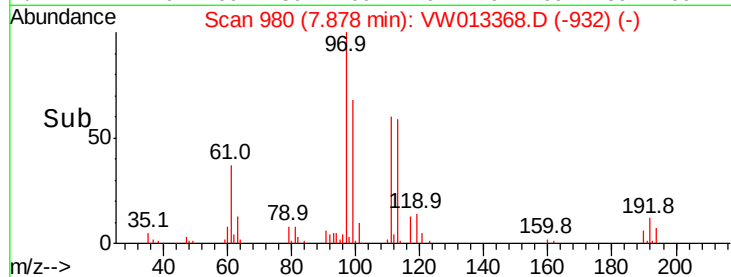
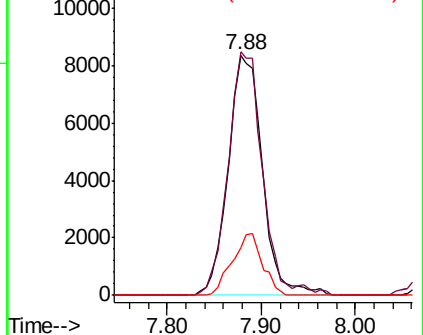
113 100

111 98.9 80.9 121.3

192 22.7 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: 10.247 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

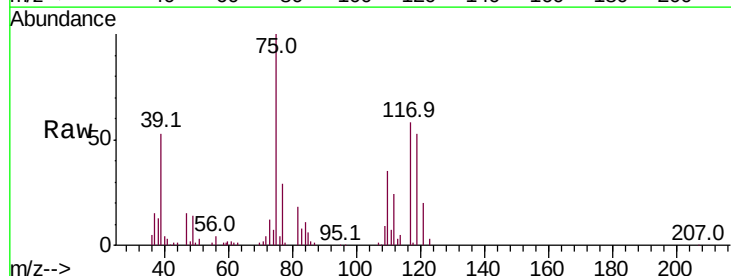
Tgt Ion: 75 Resp: 42417

Ion Ratio Lower Upper

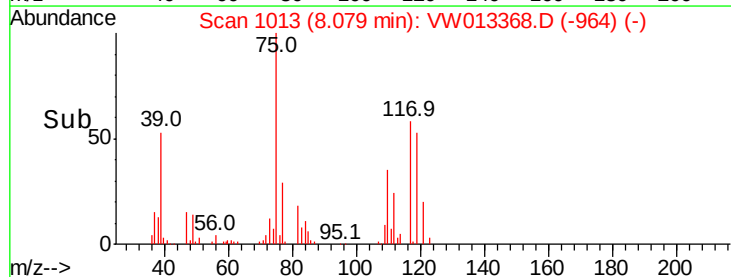
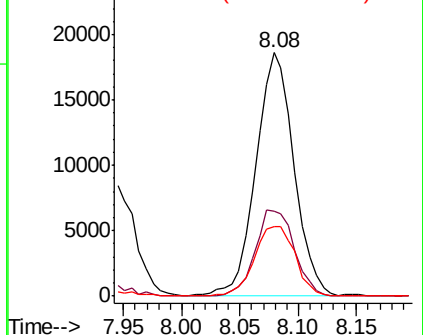
75 100

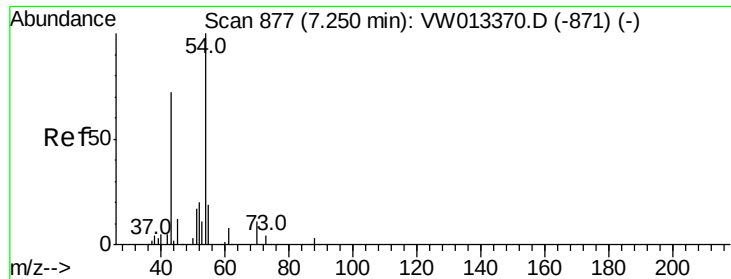
110 36.3 17.9 53.8

77 30.7 25.0 37.4



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

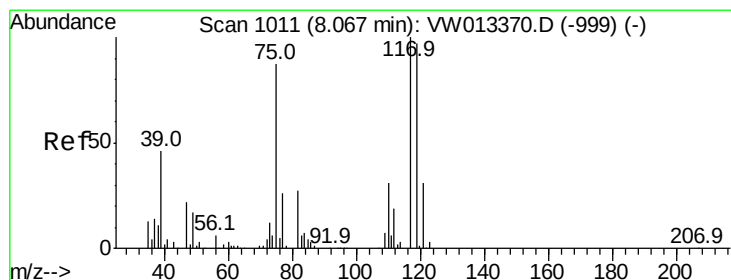
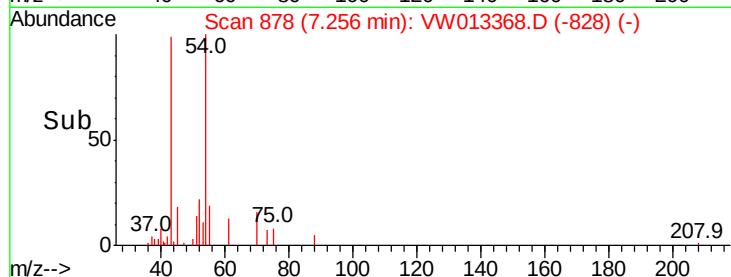
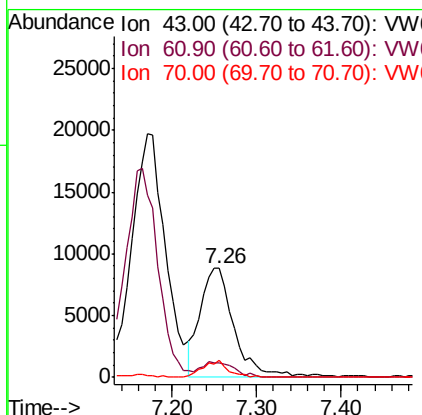
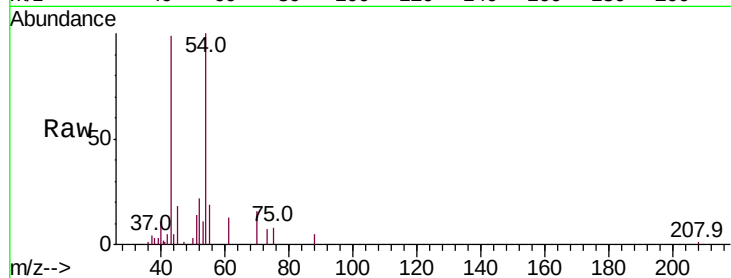




#37
Ethyl Acetate
Concen: 11.666 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

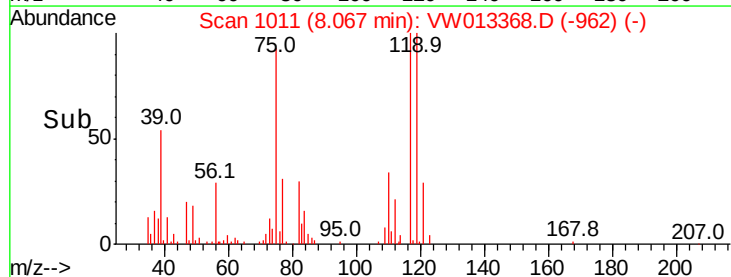
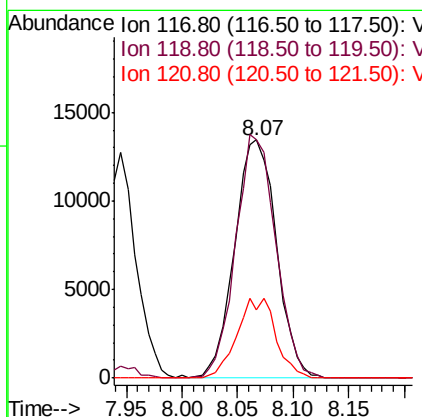
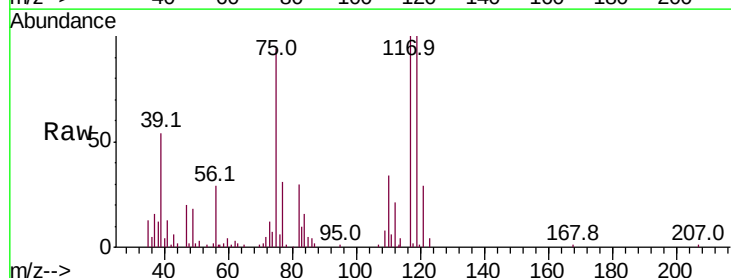
Instrument :
MSVOA_W
ClientSampled :

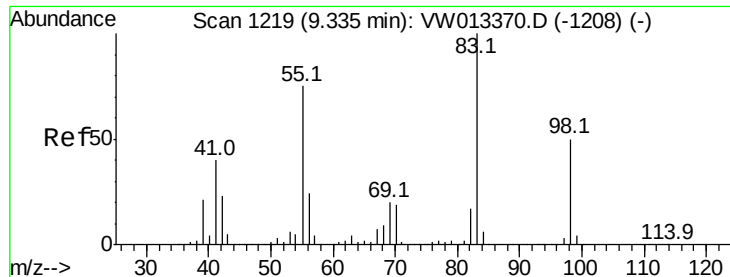
Tot Ion: 43 Resp: 24359
Ion Ratio Lower Upper
43 100
61 13.6 11.4 17.2
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 9.917 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion: 117 Resp: 35132
Ion Ratio Lower Upper
117 100
119 100.2 77.3 115.9
121 28.7 24.7 37.1

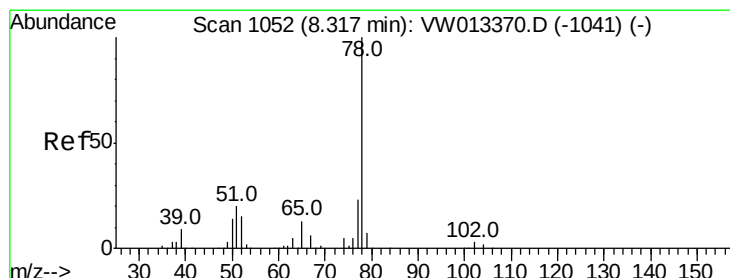
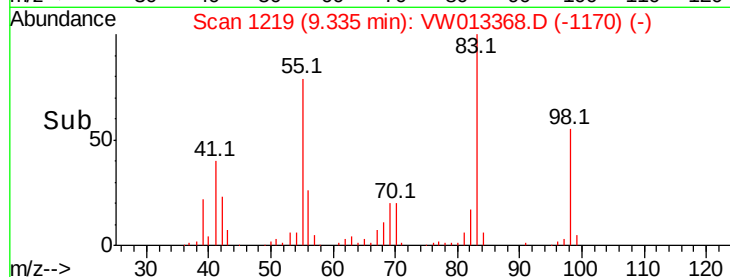
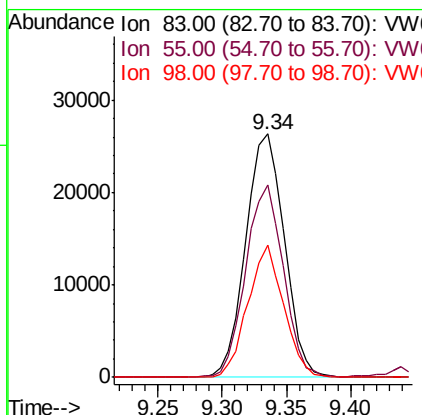
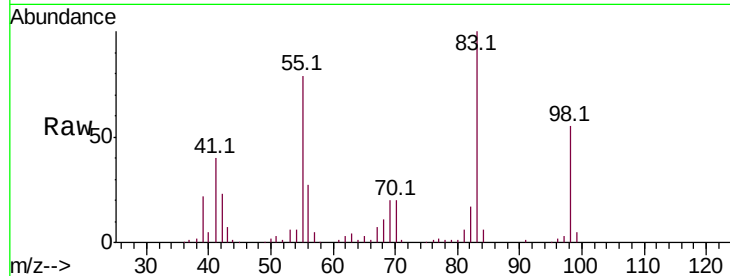




#39
Methylvlcyclohexane
Concen: 10.069 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

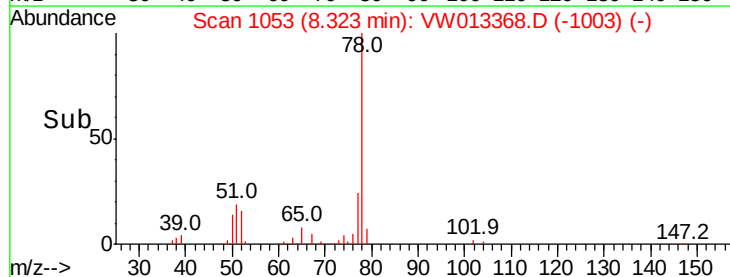
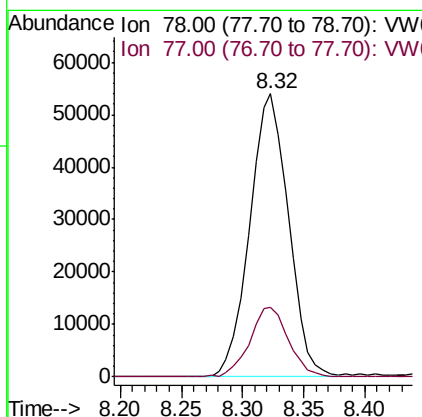
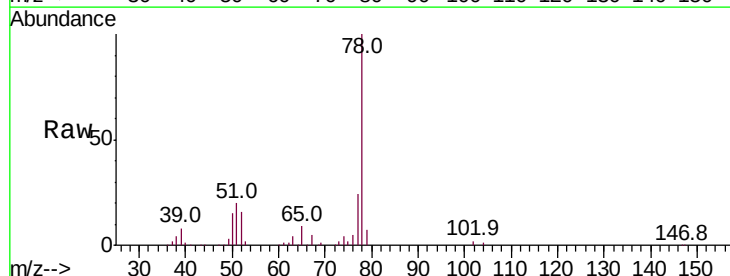
Instrument :
MSVOA_W
ClientSampleId :

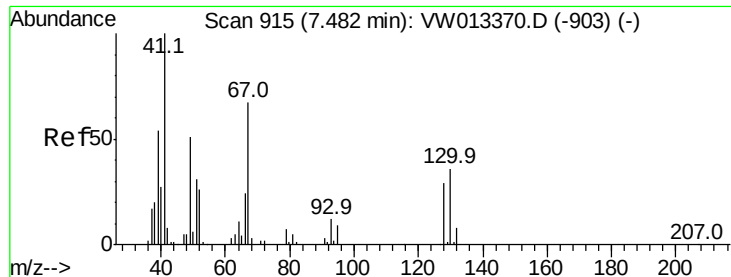
Tot Ion: 83 Resp: 54682
Ion Ratio Lower Upper
83 100
55 78.9 59.9 89.9
98 54.5 40.3 60.5



#40
Benzene
Concen: 10.167 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion: 78 Resp: 118973
Ion Ratio Lower Upper
78 100
77 24.2 18.4 27.6

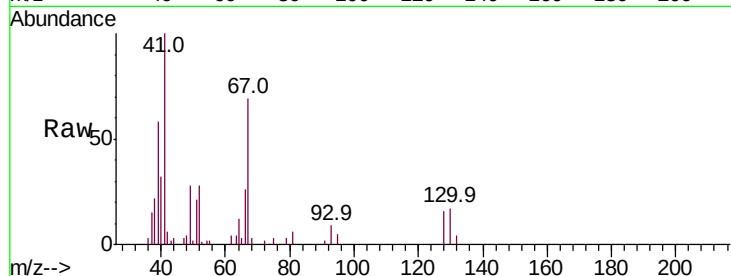




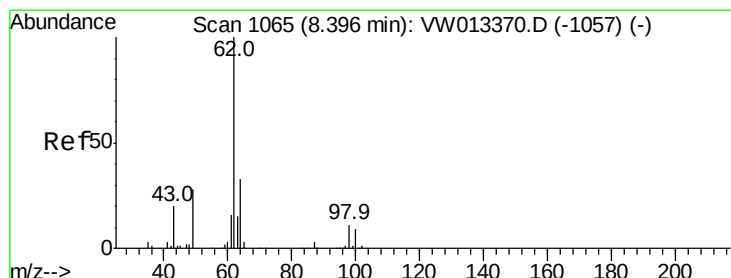
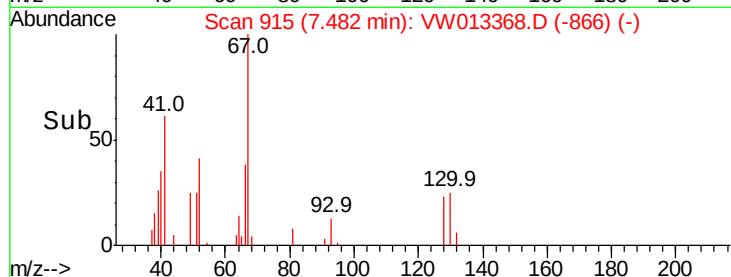
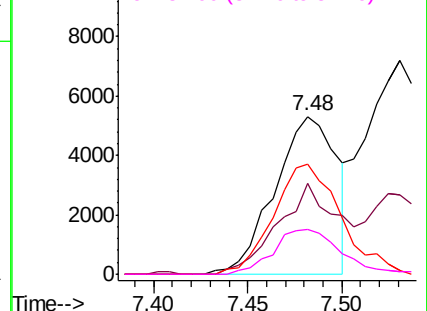
#41
Methacrylonitrile
Concen: 5.412 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	12165
Ion	Ratio	Lower	Upper
41	100		
39	56.0	40.7	61.1
67	75.1	54.7	82.1
52	30.6	21.4	32.2

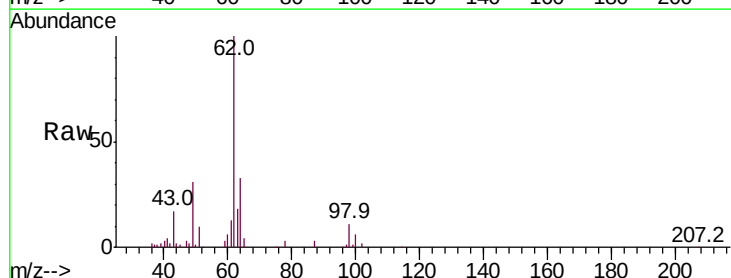


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

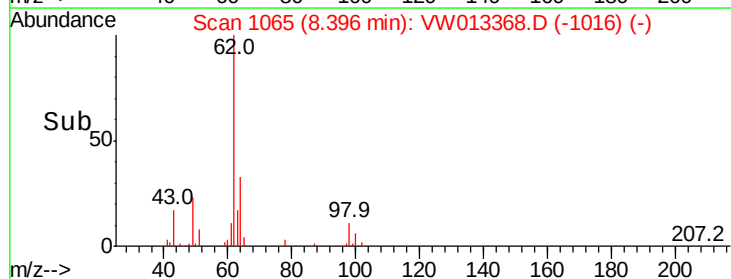
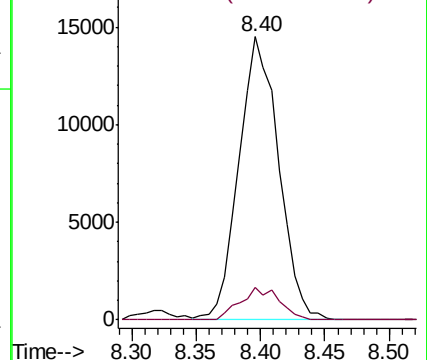


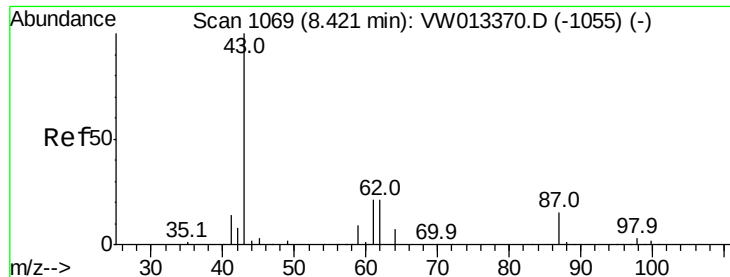
#42
1,2-Dichloroethane
Concen: 10.481 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion:	62	Resp:	31080
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.2



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





#43

Isopropyl Acetate

Concen: 11.474 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

ClientSampled :

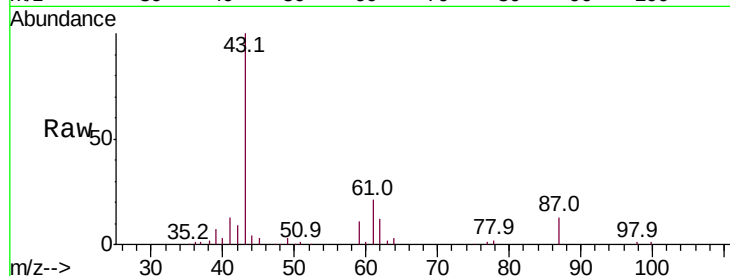
Tot Ion: 43 Resp: 39319

Ion Ratio Lower Upper

43 100

61 29.6 24.8 37.2

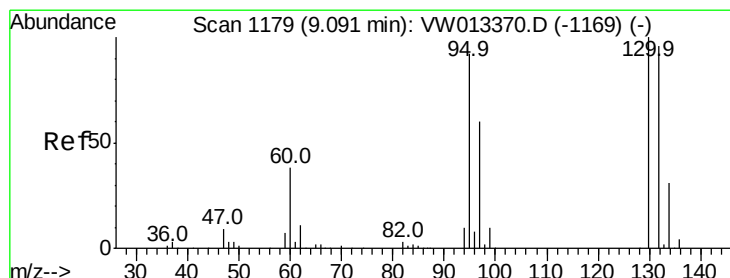
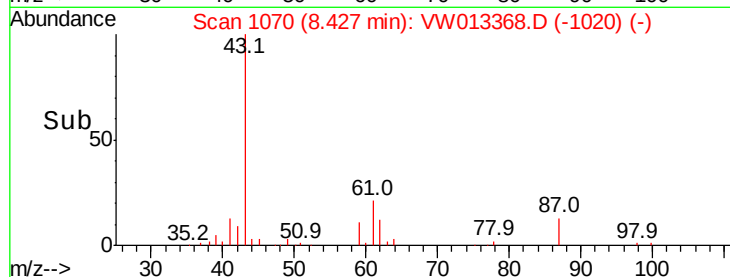
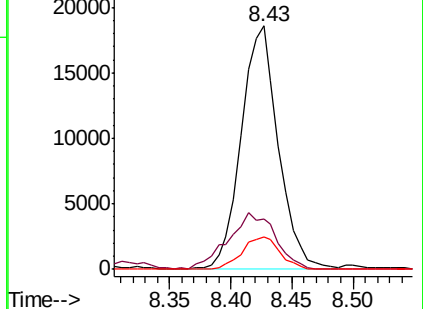
87 13.5 11.3 16.9



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: 10.082 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013368.D

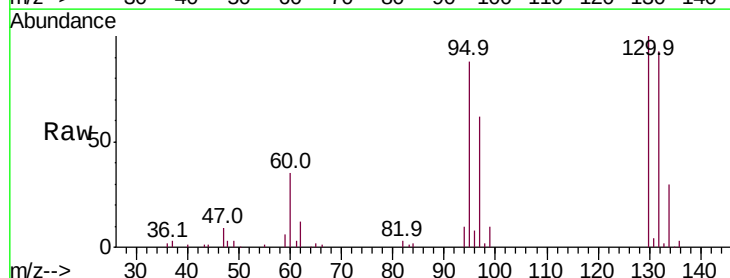
Acq: 01 Oct 2019 13:28

Tgt Ion: 130 Resp: 33282

Ion Ratio Lower Upper

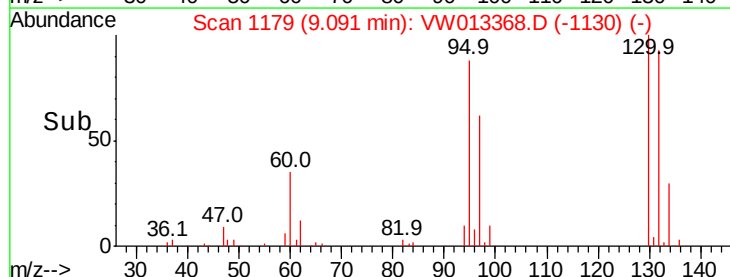
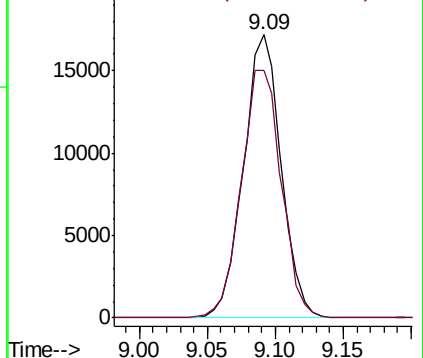
130 100

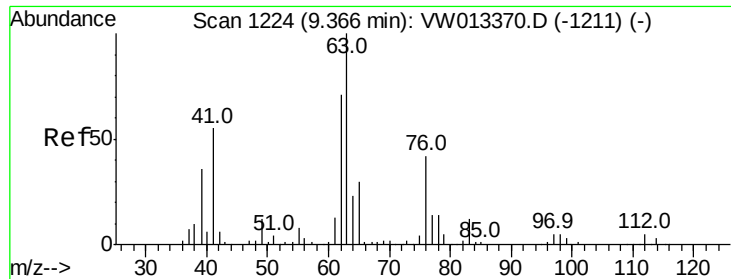
95 87.5 0.0 183.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

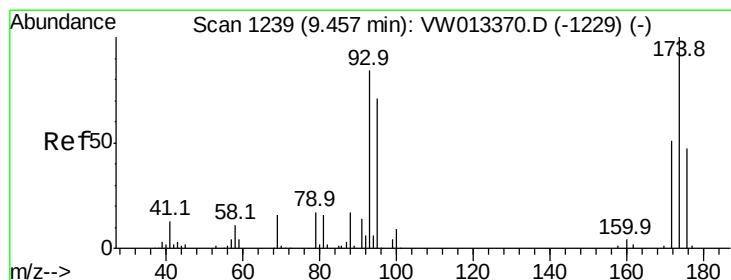
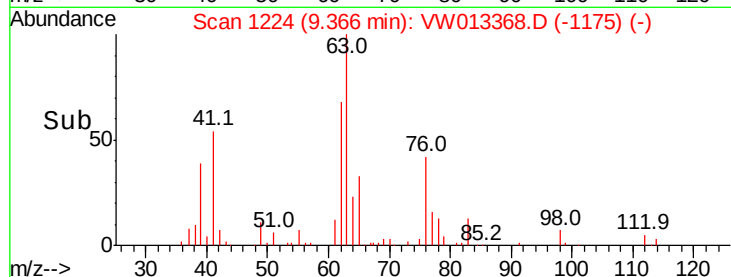
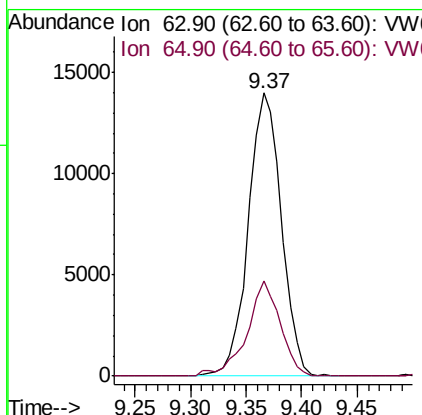
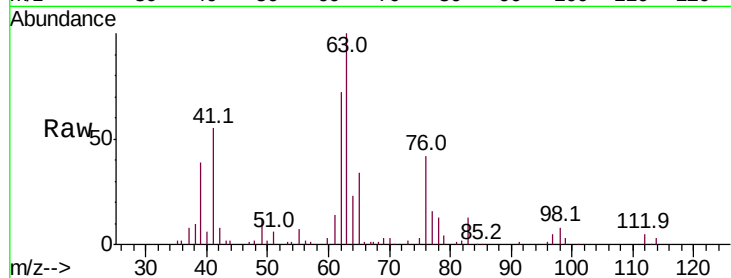




#45
 1,2-Dichloropropane
 Concen: 10.474 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

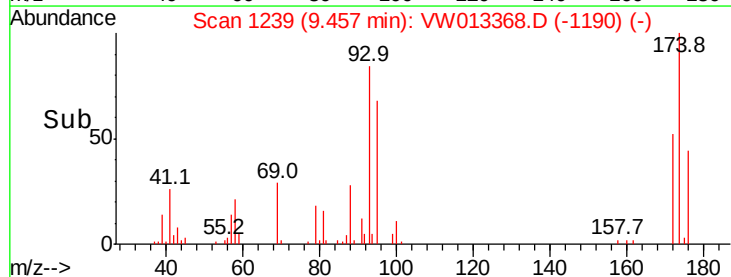
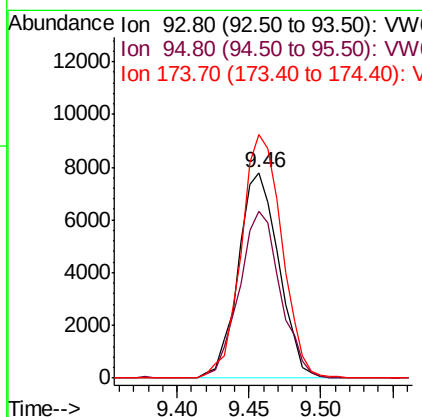
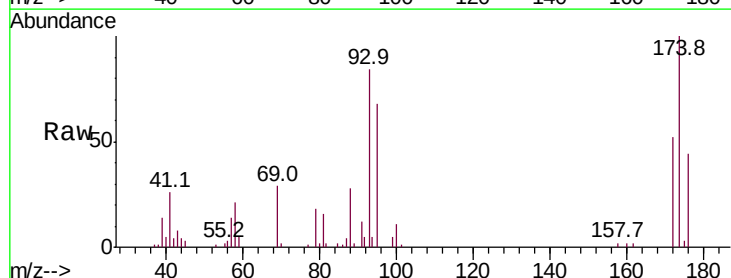
Instrument :
 MSVOA_W
 ClientSampled :

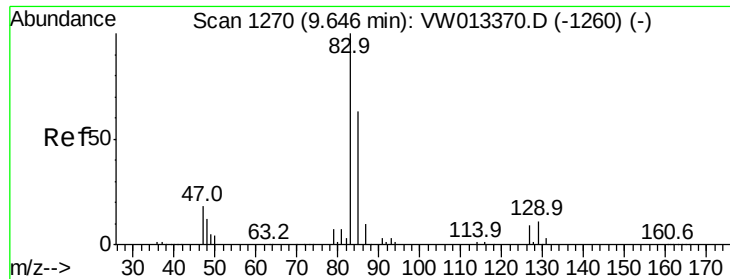
Tot Ion: 63 Resp: 28988
 Ion Ratio Lower Upper
 63 100
 65 33.9 24.2 36.4



#46
 Dibromomethane
 Concen: 10.893 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion: 93 Resp: 15140
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 119.5 95.0 142.6





#47

Bromodichloromethane

Concen: 10.004 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

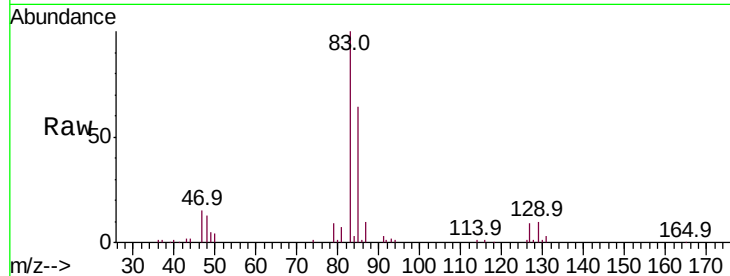
Tot Ion: 83 Resp: 33659

Ion Ratio Lower Upper

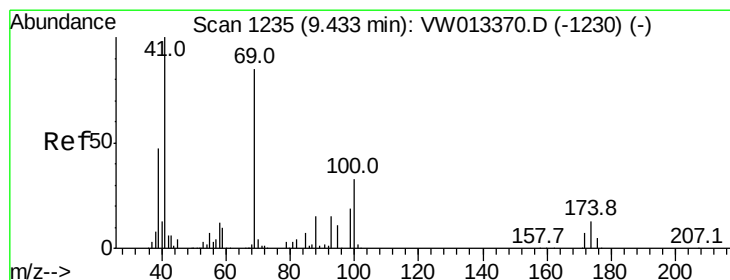
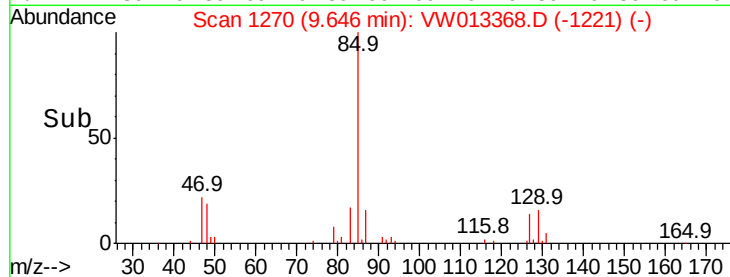
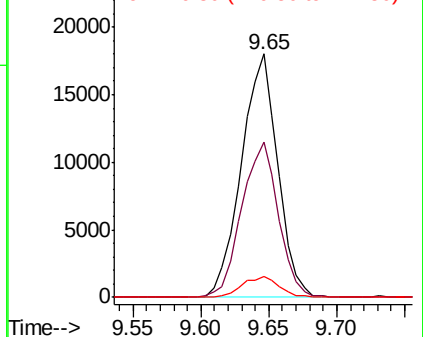
83 100

85 63.5 50.4 75.6

127 8.8 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 10.847 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

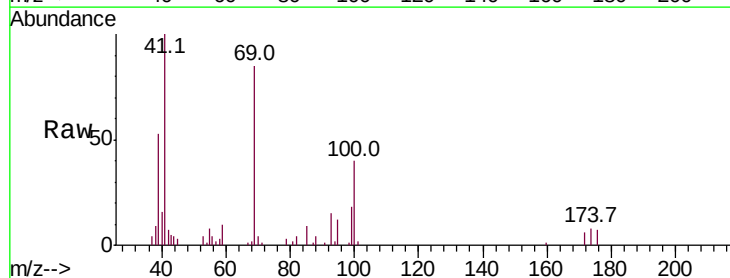
Tgt Ion: 41 Resp: 17363

Ion Ratio Lower Upper

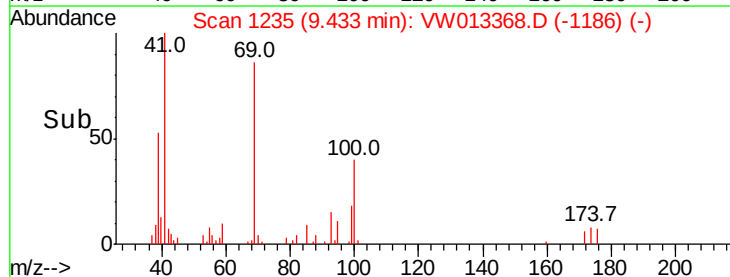
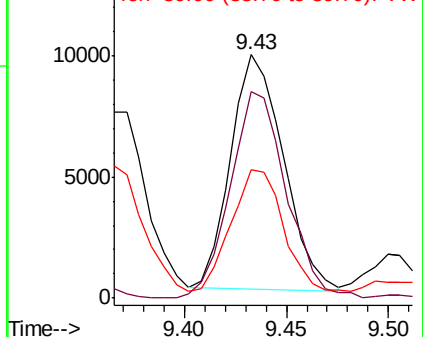
41 100

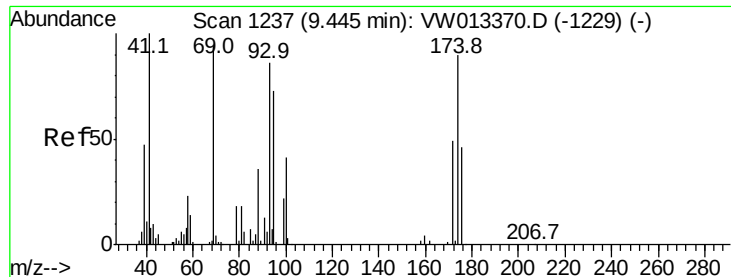
69 93.8 70.8 106.2

39 52.6 39.1 58.7



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





#49

1,4-Dioxane

Concen: 255.822 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :
MSVOA_W
ClientSampleId :

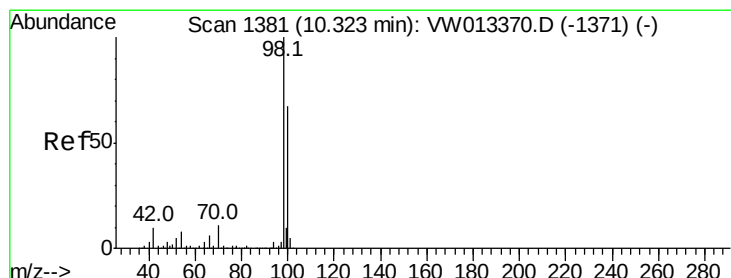
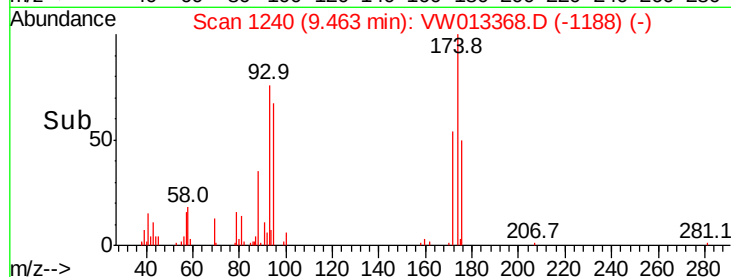
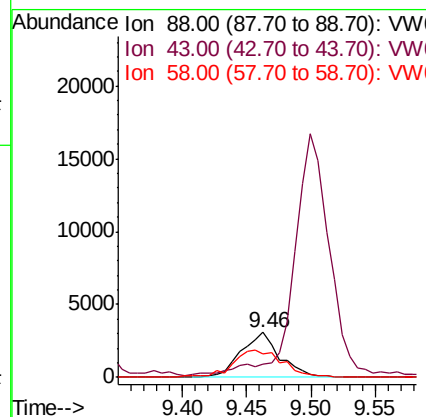
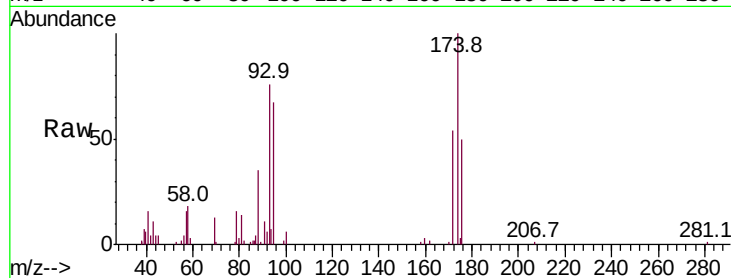
Tot Ion: 88 Resp: 6348

Ion Ratio Lower Upper

88 100

43 0.0 23.1 34.7#

58 79.1 57.3 85.9



#50

Toluene-d8

Concen: 9.022 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013368.D

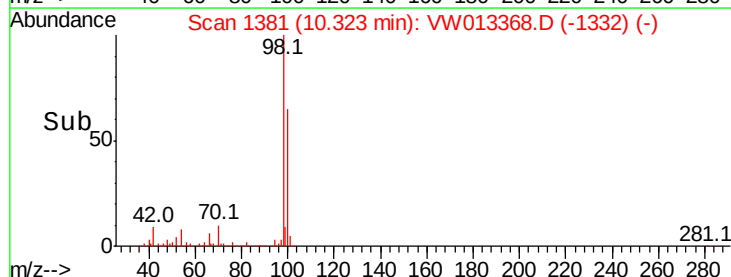
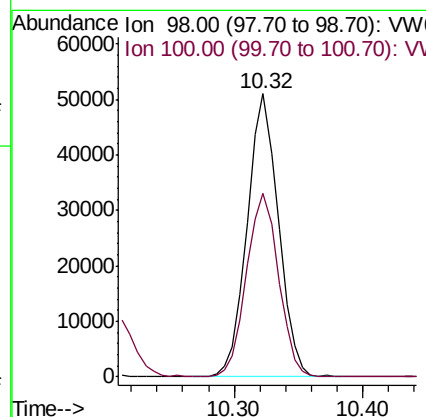
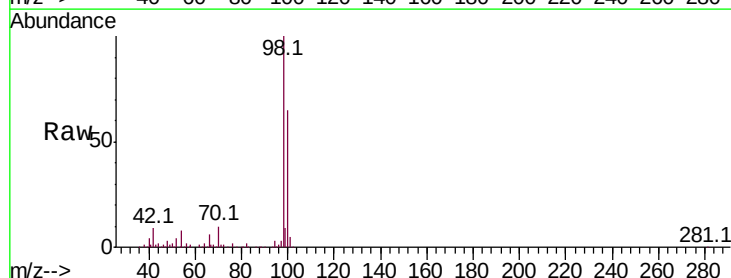
Acq: 01 Oct 2019 13:28

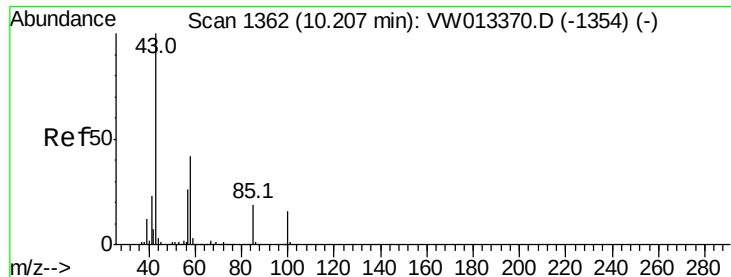
Tgt Ion: 98 Resp: 85238

Ion Ratio Lower Upper

98 100

100 66.9 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 59.647 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

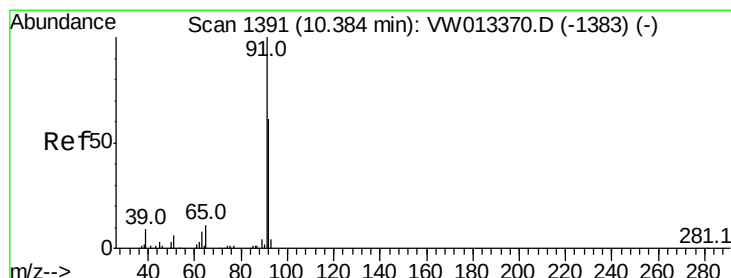
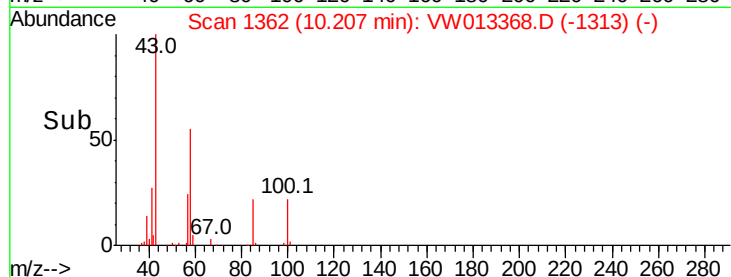
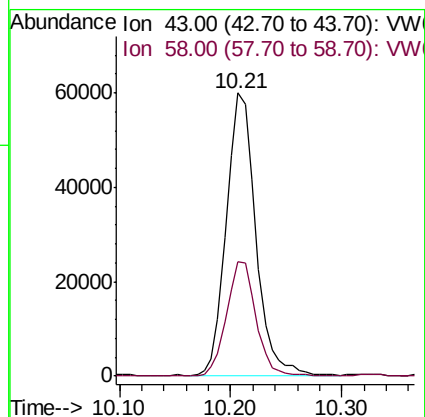
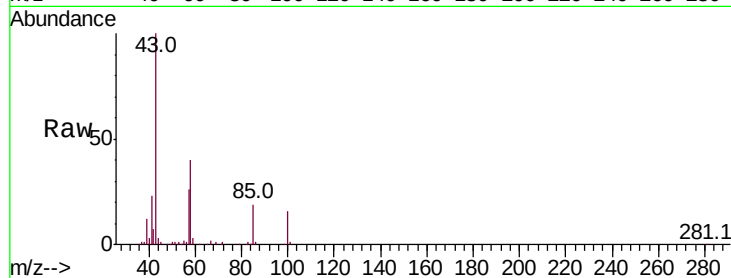
ClientSampleId :

Tot Ion: 43 Resp: 110156

Ion Ratio Lower Upper

43 100

58 40.4 32.9 49.3



#52

Toluene

Concen: 10.311 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013368.D

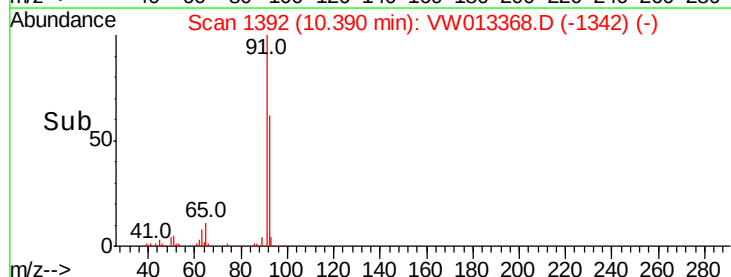
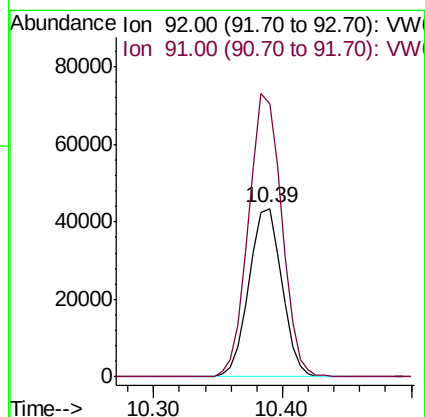
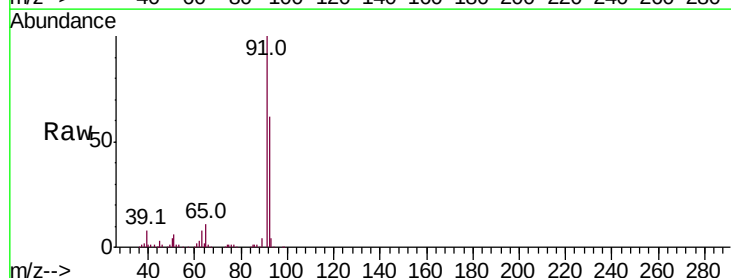
Acq: 01 Oct 2019 13:28

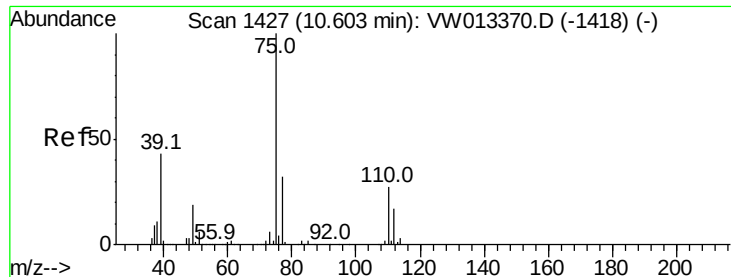
Tgt Ion: 92 Resp: 77005

Ion Ratio Lower Upper

92 100

91 169.1 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 10.354 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

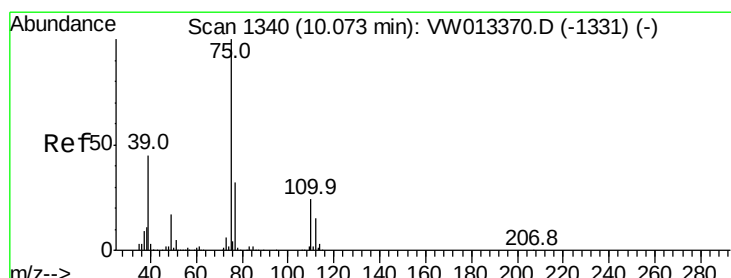
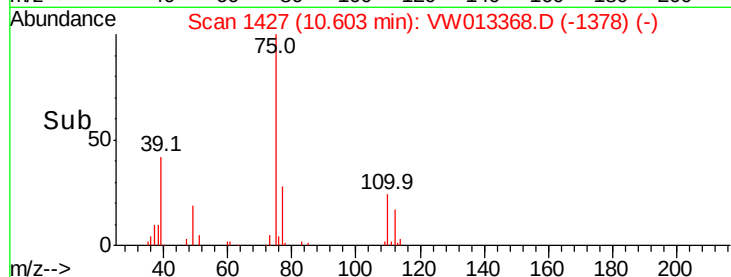
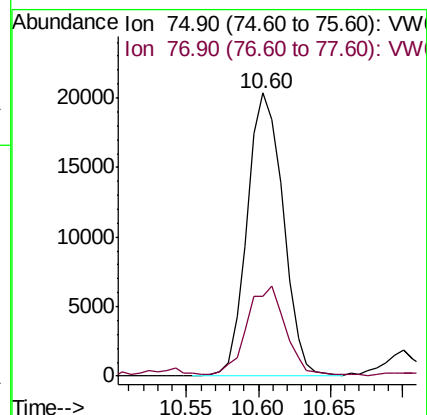
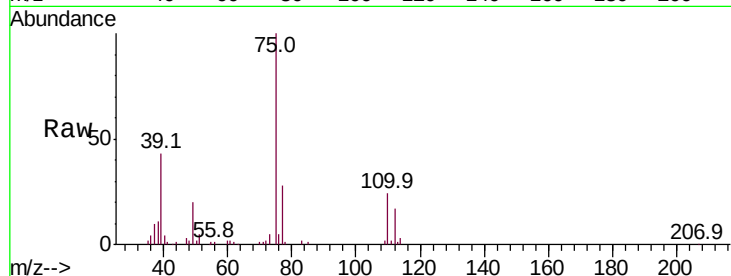
ClientSampleId :

Tot Ion: 75 Resp: 35232

Ion Ratio Lower Upper

75 100

77 27.6 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 10.253 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

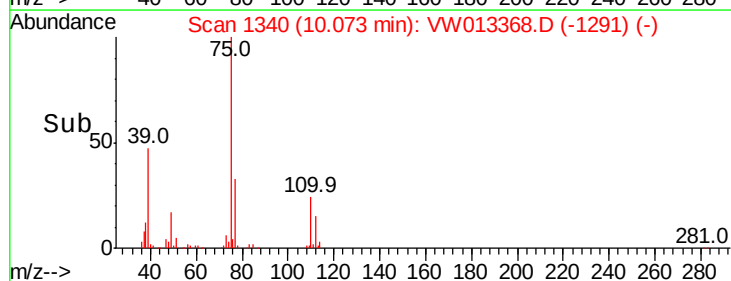
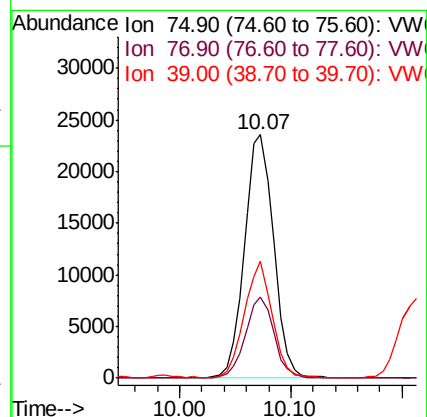
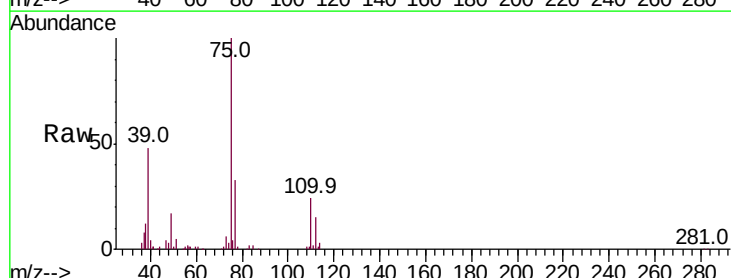
Tgt Ion: 75 Resp: 42843

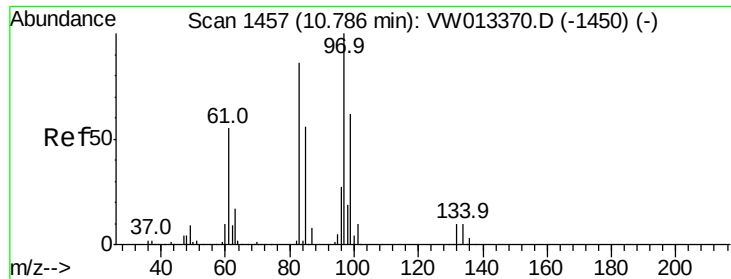
Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.8

39 47.8 36.3 54.5

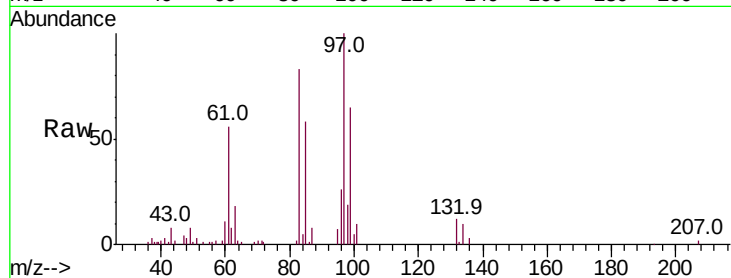




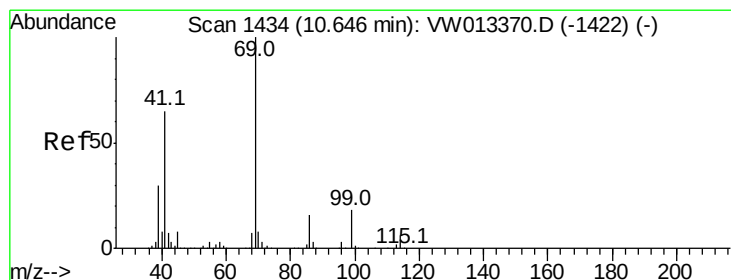
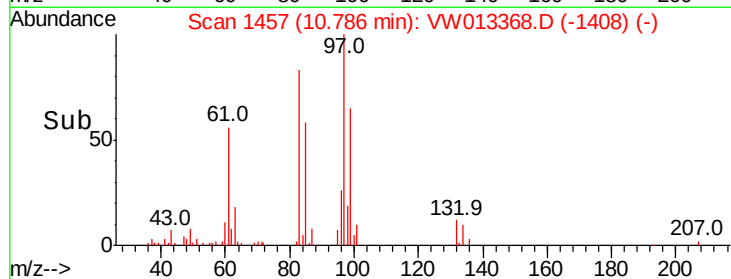
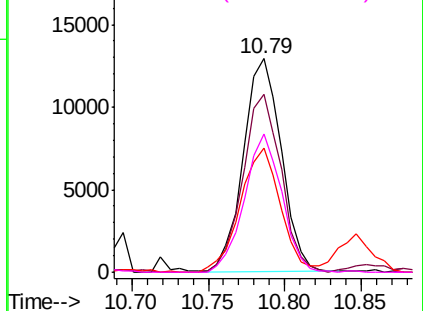
#55
 1,1,2-Trichloroethane
 Concen: 10.798 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	22314
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.2	103.8
85	58.4	44.5	66.7
99	65.1	49.5	74.3

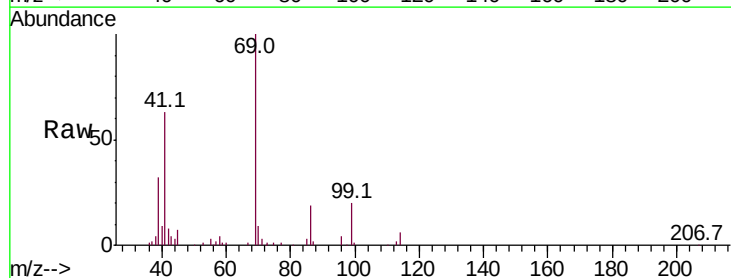


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

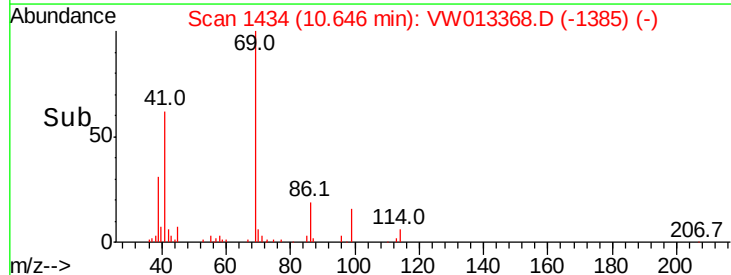
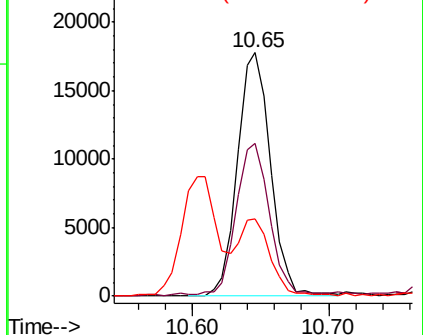


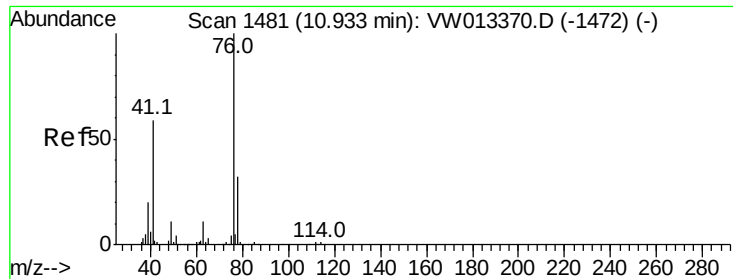
#56
 Ethyl methacrylate
 Concen: 11.102 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion:	69	Resp:	30192
Ion	Ratio	Lower	Upper
69	100		
41	62.4	53.4	80.2
39	30.1	22.3	33.5



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: 10.612 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

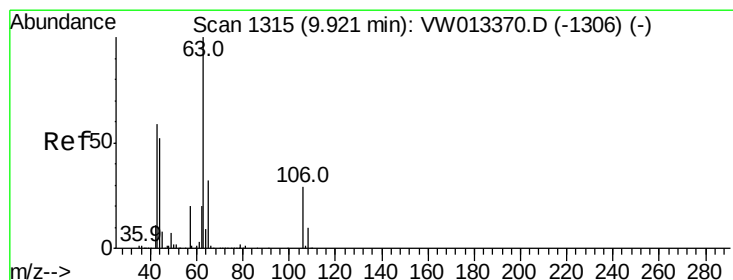
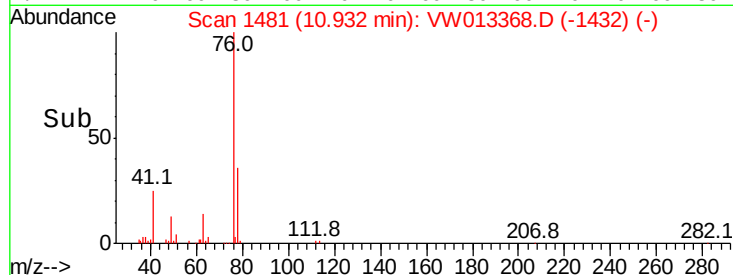
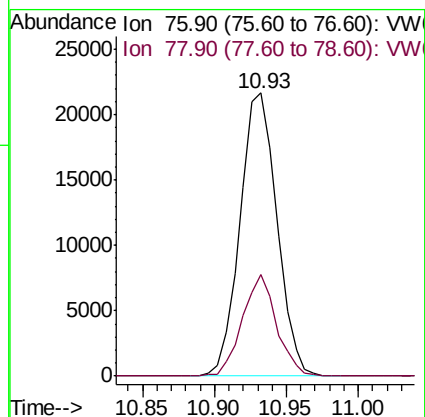
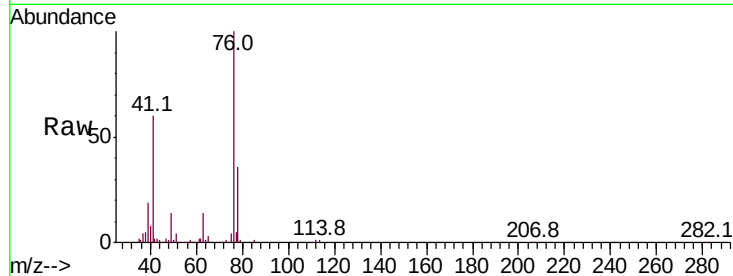
ClientSampleId :

Tot Ion: 76 Resp: 38582

Ion Ratio Lower Upper

76 100

78 33.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 58.483 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW013368.D

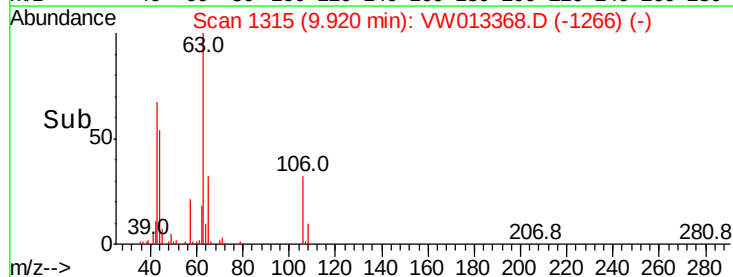
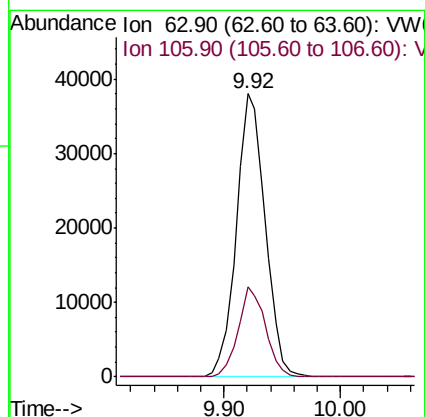
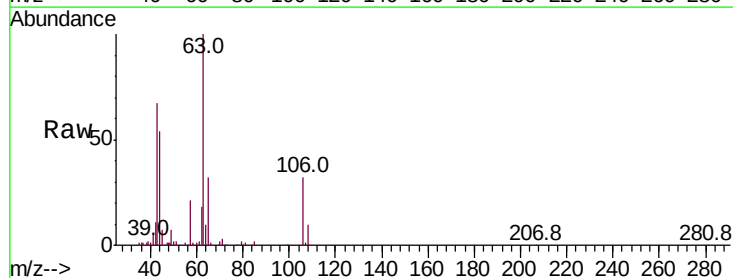
Acq: 01 Oct 2019 13:28

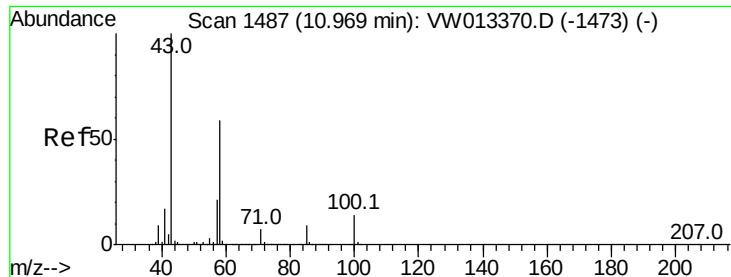
Tgt Ion: 63 Resp: 65616

Ion Ratio Lower Upper

63 100

106 30.4 24.0 36.0

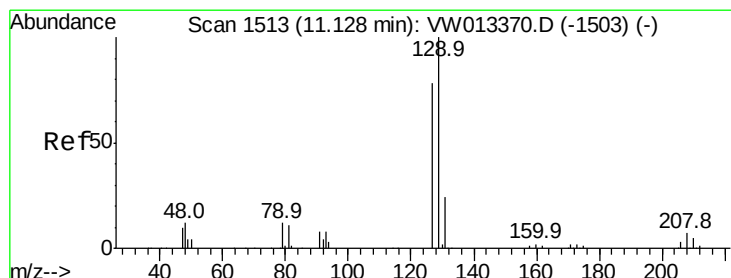
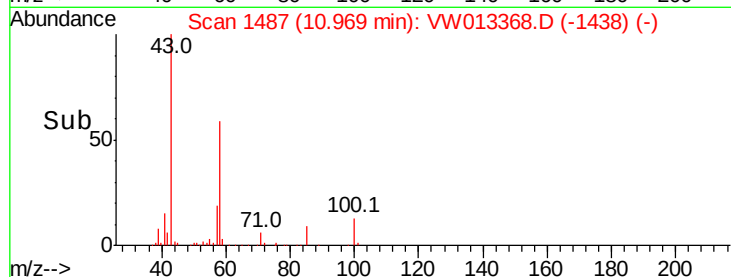
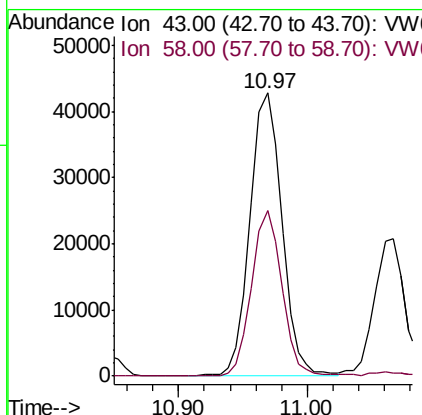
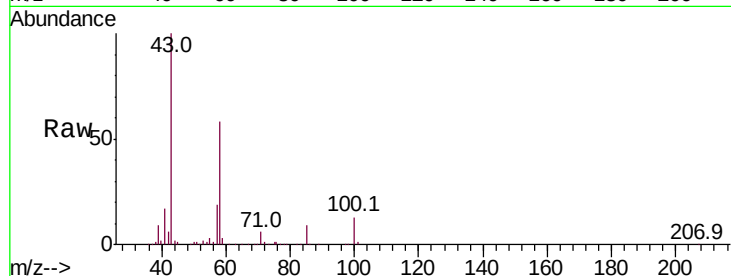




#59
2-Hexanone
Concen: 59.541 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

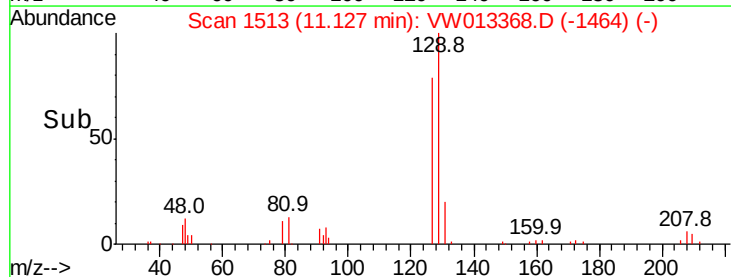
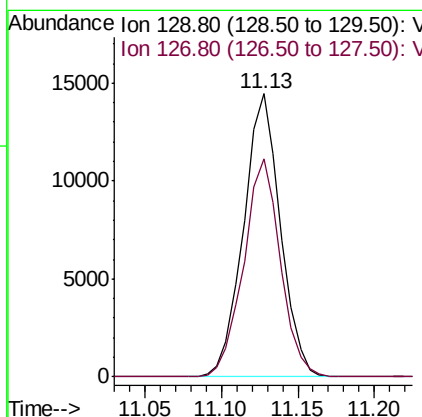
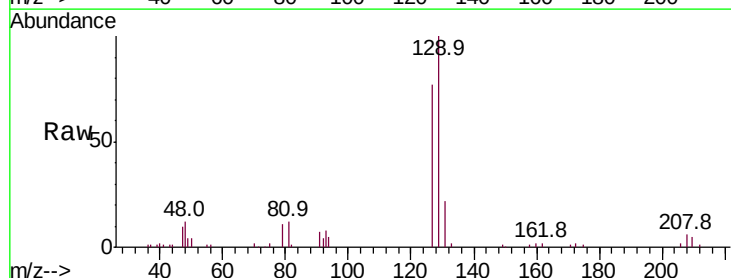
Instrument :
MSVOA_W
ClientSampled :

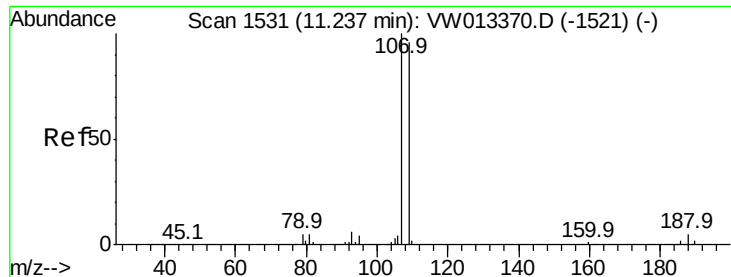
Tot Ion: 43 Resp: 73375
Ion Ratio Lower Upper
43 100
58 55.4 28.8 86.5



#60
Dibromochloromethane
Concen: 10.579 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion: 129 Resp: 24212
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7

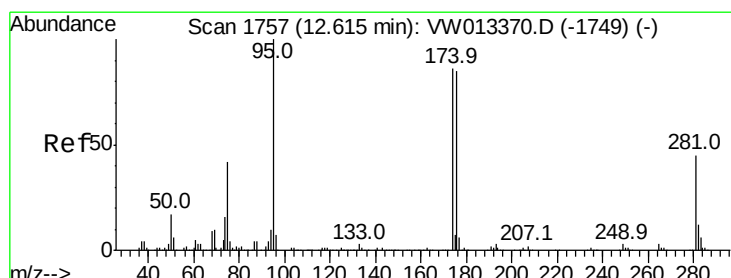
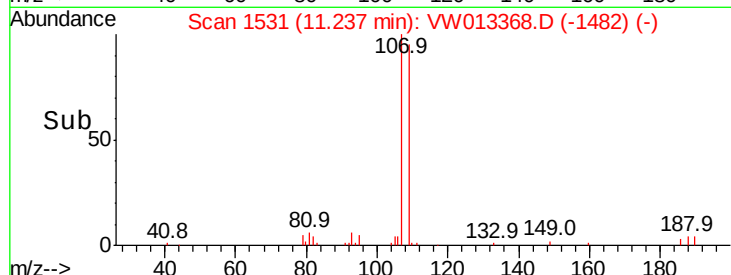
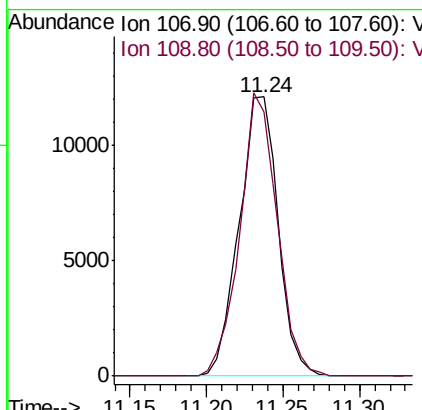
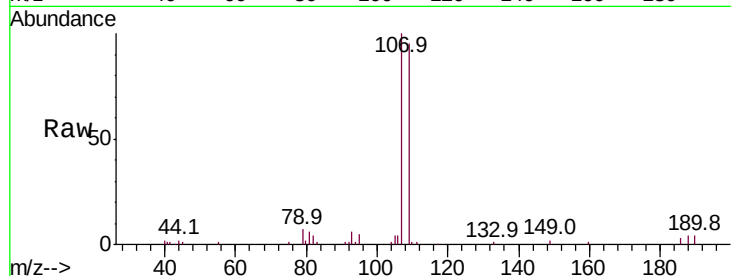




#61
 1,2-Dibromoethane
 Concen: 10.591 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

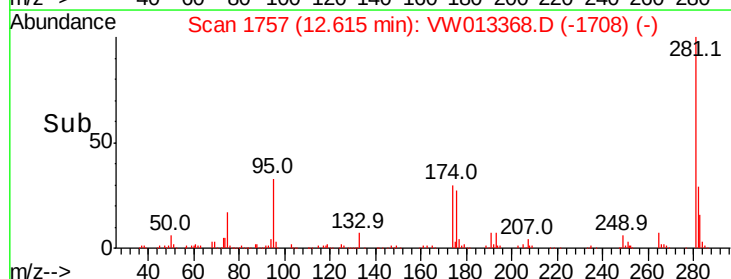
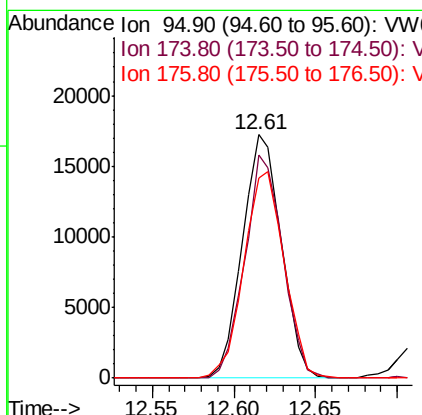
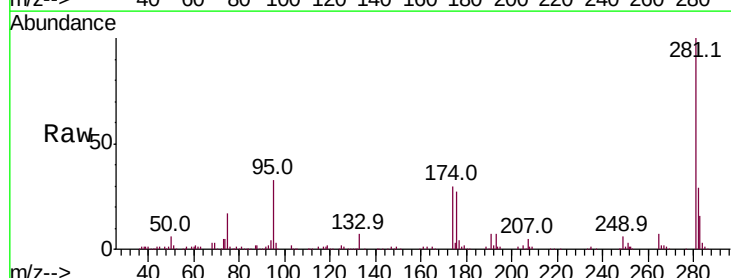
Instrument :
 MSVOA_W
 ClientSampled :

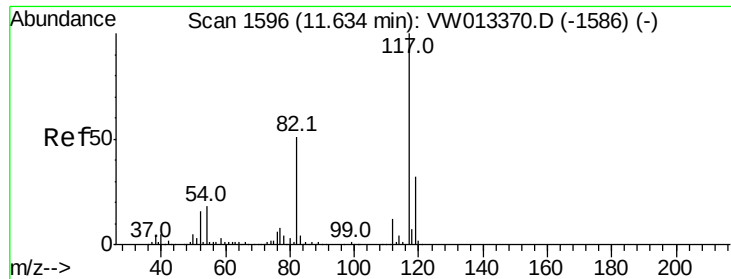
Tot Ion:107 Resp: 21343
 Ion Ratio Lower Upper
 107 100
 109 97.4 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 9.119 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion: 95 Resp: 28636
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 184.6
 176 88.0 0.0 178.4

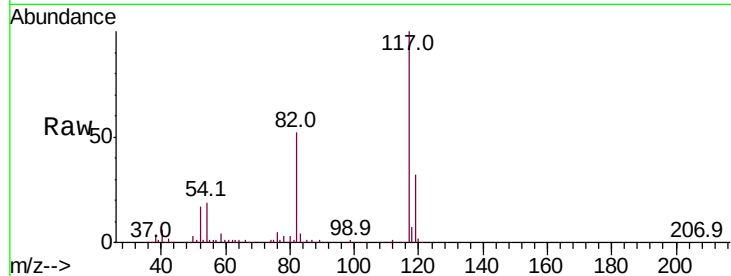




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	40.5	60.7
119	31.7	25.9	38.9

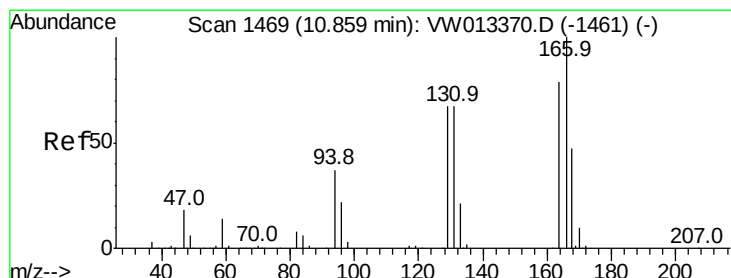
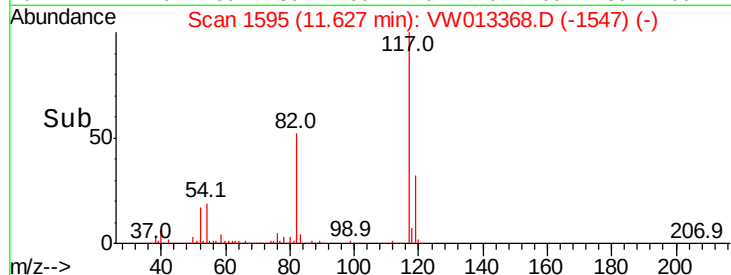
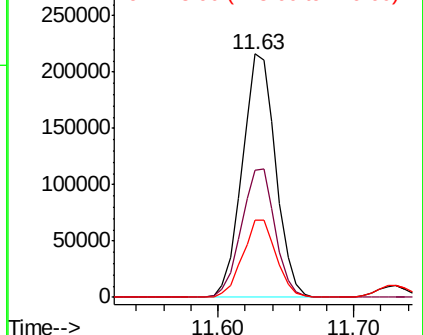


Abundance

Ion 116.90 (116.60 to 117.60): V

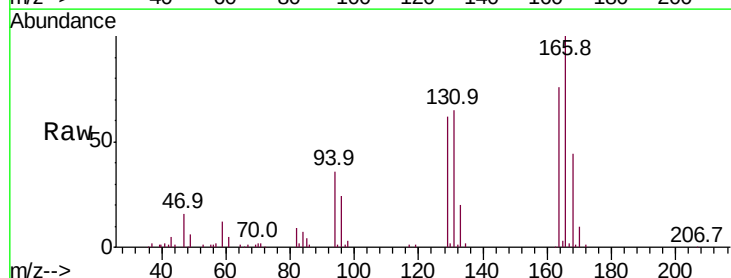
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 10.028 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	101.4	152.2
129	81.6	68.0	102.0
131	84.6	67.8	101.8



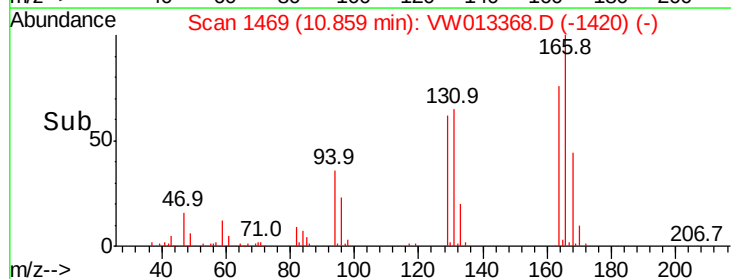
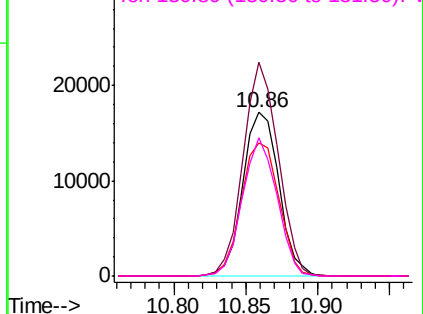
Abundance

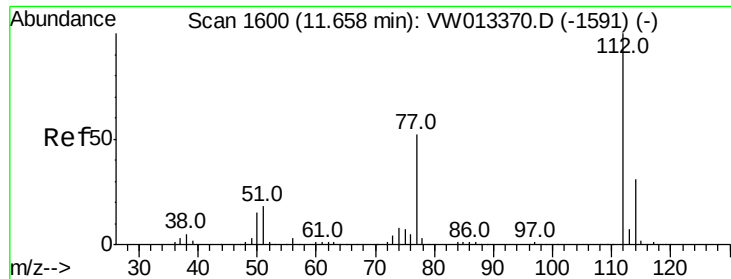
Ion 163.80 (163.50 to 164.50): V

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

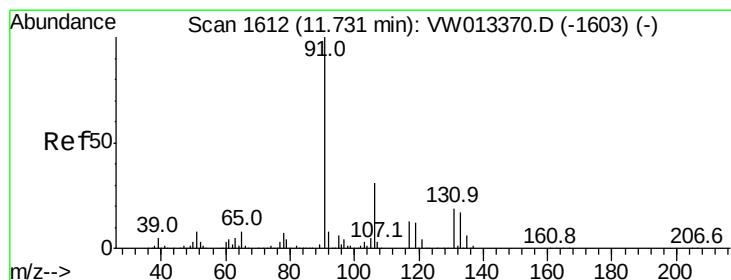
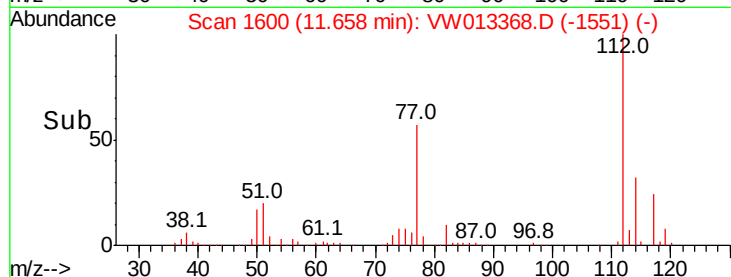
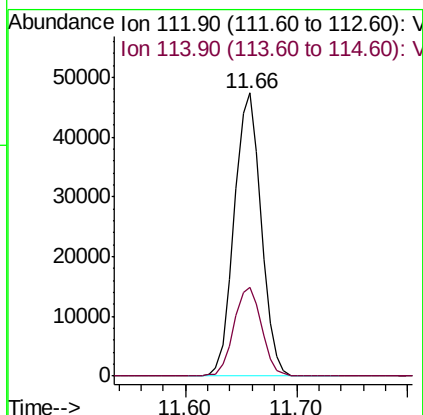
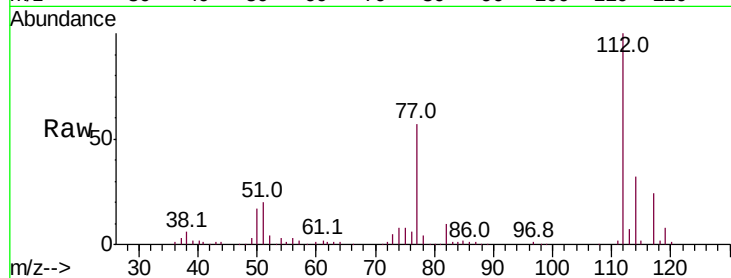




#65
Chlorobenzene
Concen: 10.017 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

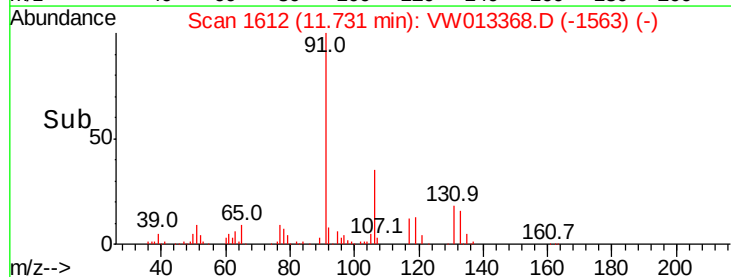
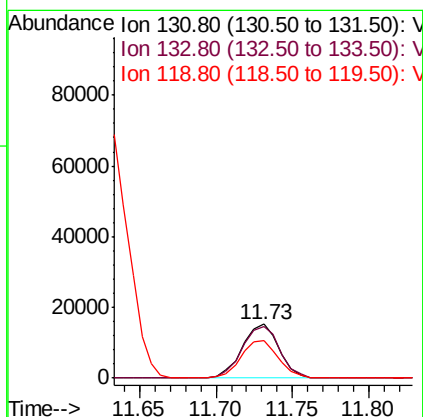
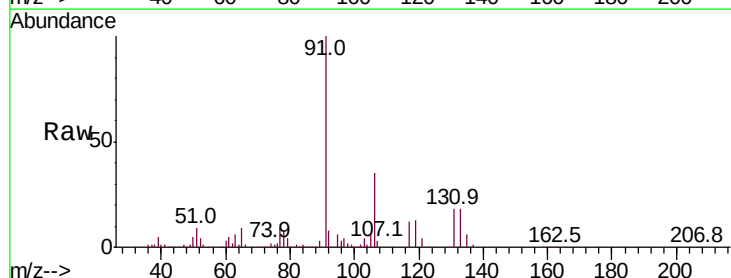
Instrument :
MSVOA_W
ClientSampled :

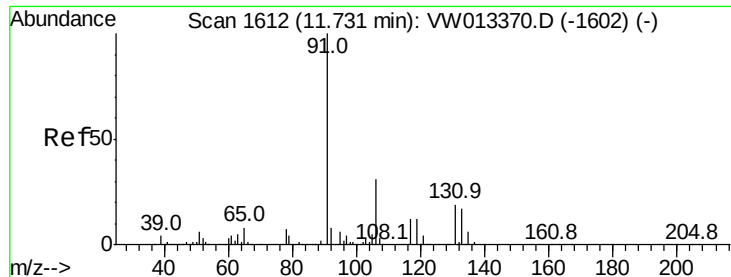
Tot Ion:112 Resp: 79485
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 9.763 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion:131 Resp: 25662
Ion Ratio Lower Upper
131 100
133 97.9 47.5 142.6
119 70.5 31.9 95.9

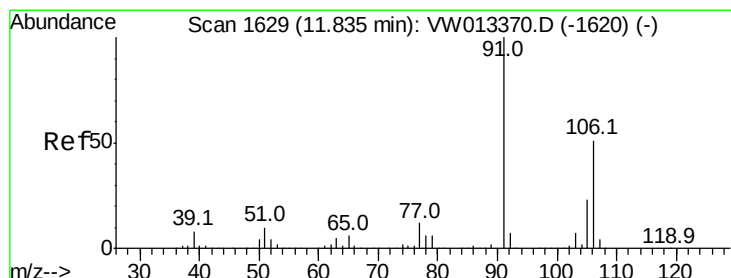
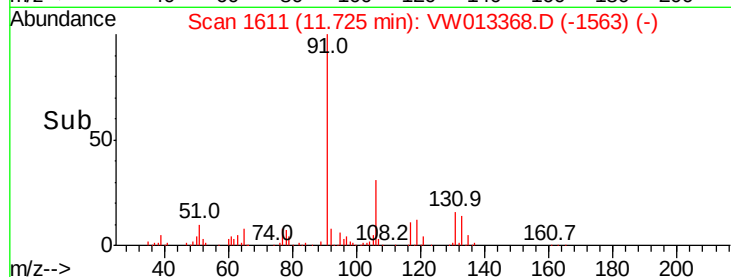
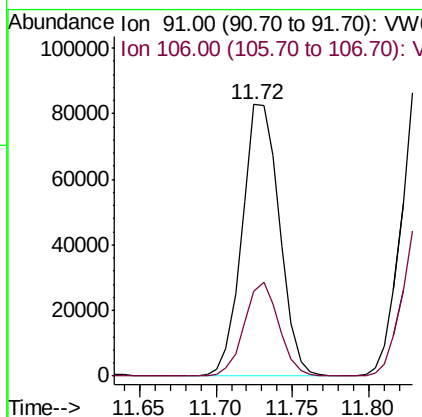
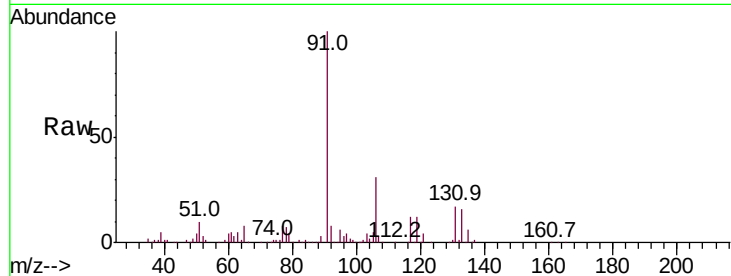




#67
Ethyl Benzene
Concen: 9.920 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

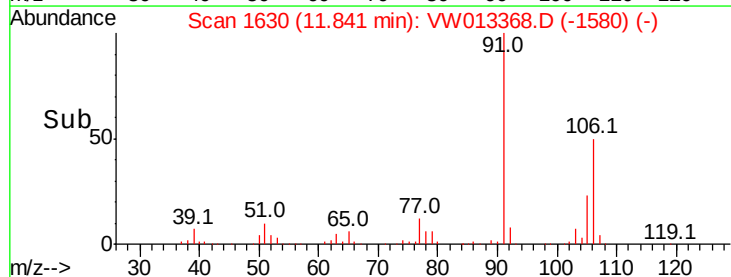
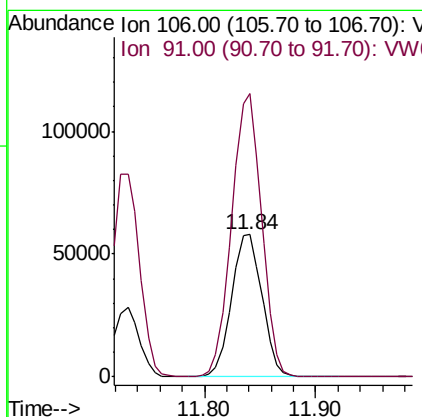
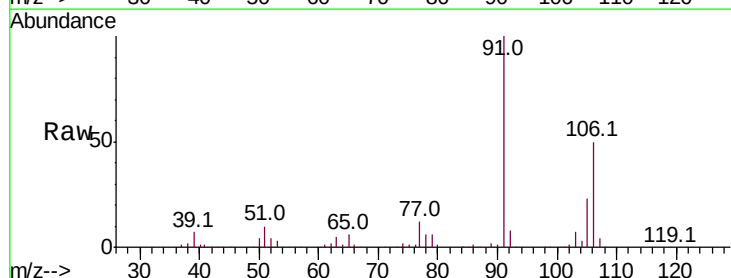
Instrument :
MSVOA_W
ClientSampled :

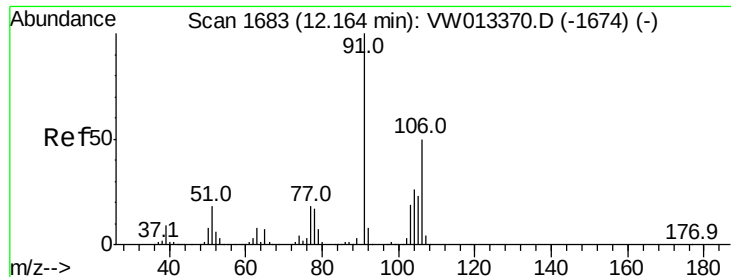
Tot Ion: 91 Resp: 140682
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 19.975 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion: 106 Resp: 109677
Ion Ratio Lower Upper
106 100
91 195.5 160.5 240.7

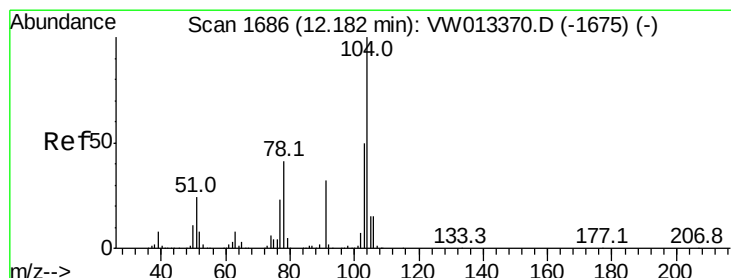
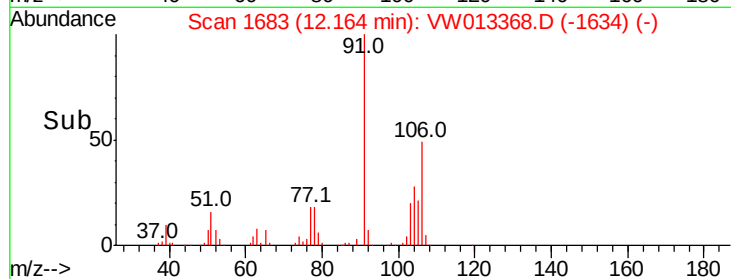
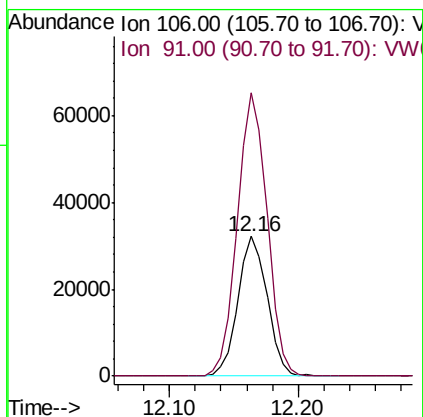
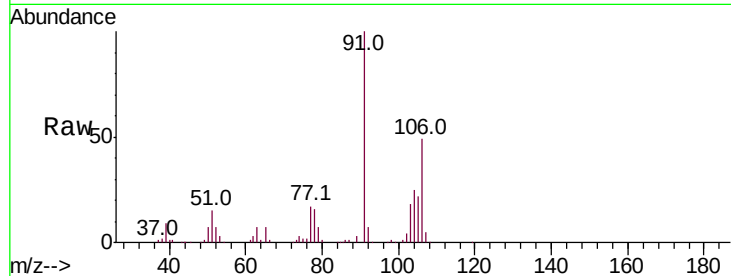




#69
o-Xylene
Concen: 10.119 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

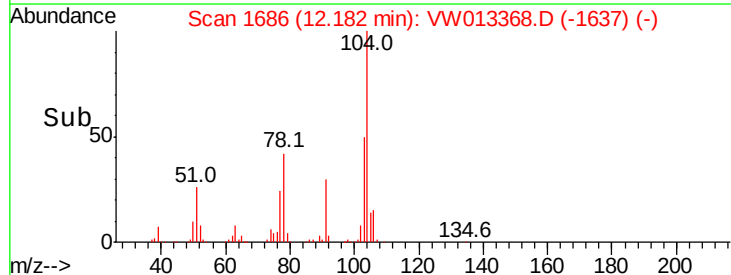
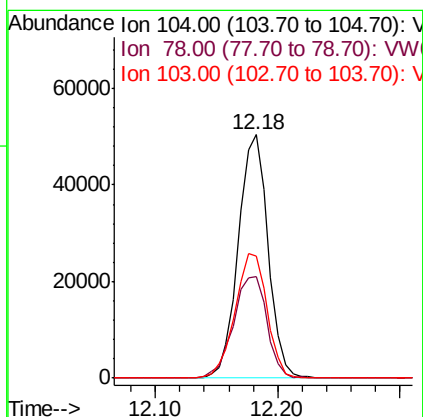
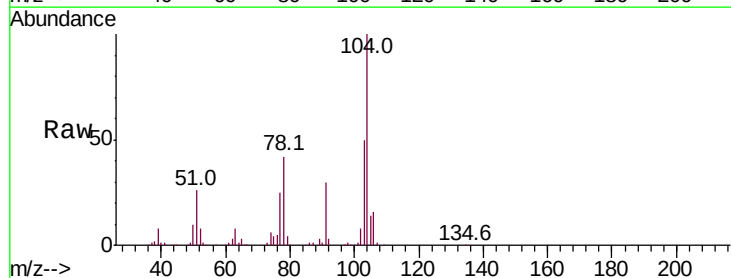
Instrument :
MSVOA_W
ClientSampled :

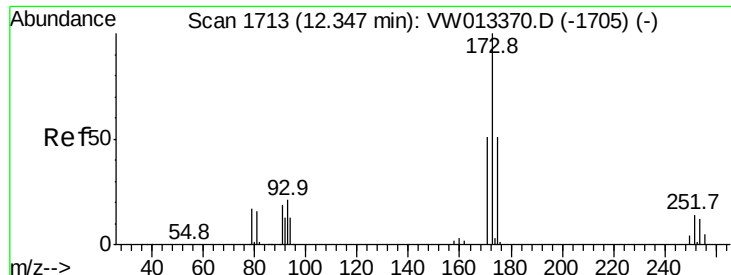
Tot Ion:106 Resp: 50621
Ion Ratio Lower Upper
106 100
91 206.1 104.4 313.1



#70
Styrene
Concen: 9.872 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion:104 Resp: 84810
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.2
103 55.3 43.2 64.8

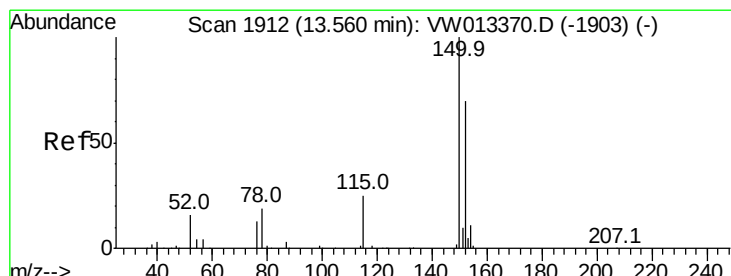
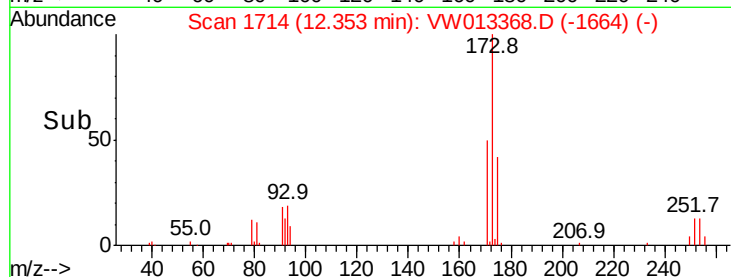
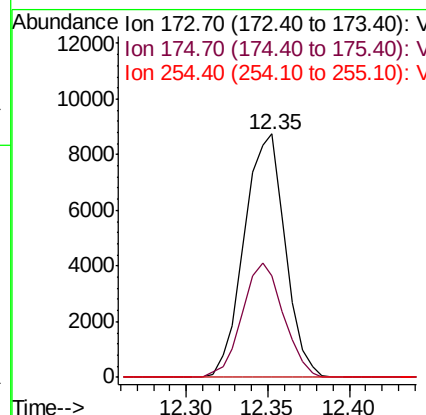
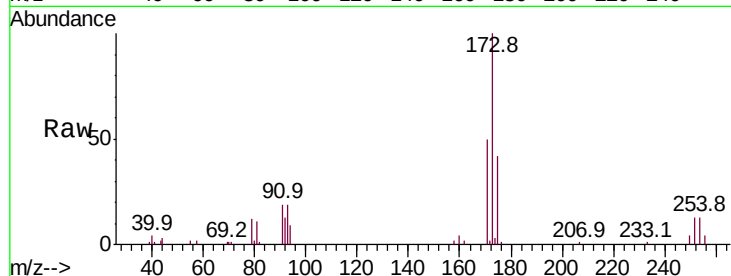




#71
Bromoform
Concen: 10.679 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

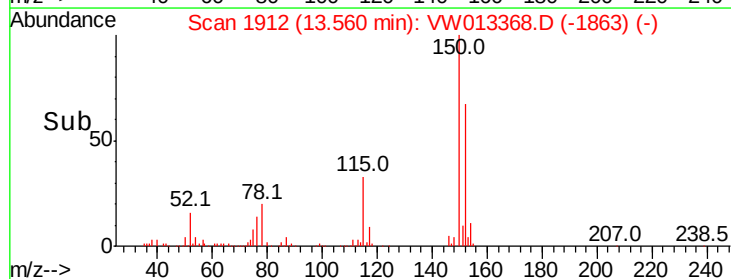
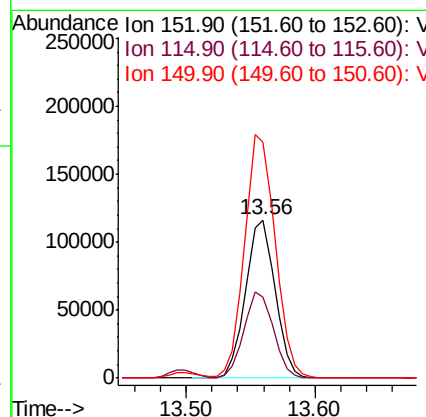
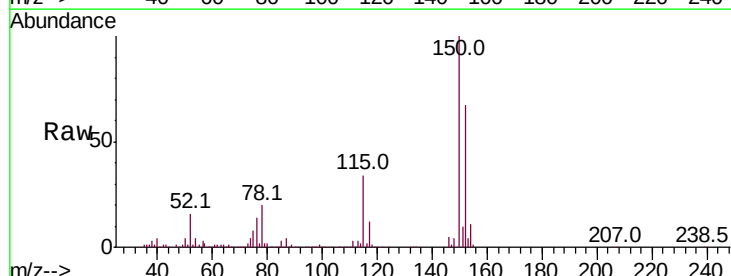
Instrument :
MSVOA_W
ClientSampleId :

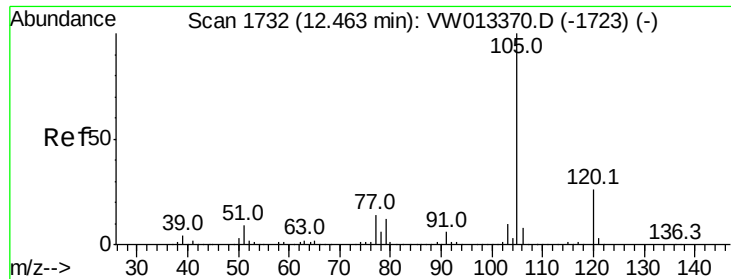
Tot Ion:173 Resp: 15273
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion:152 Resp: 184444
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.5
150 159.9 0.0 344.6

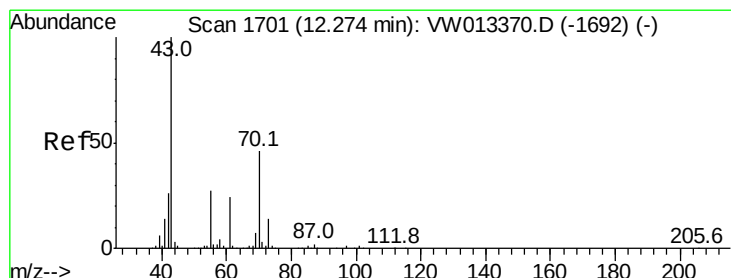
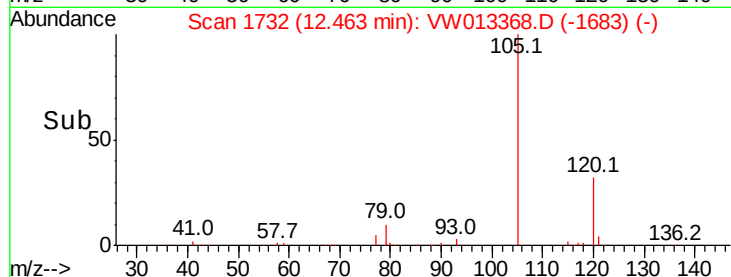
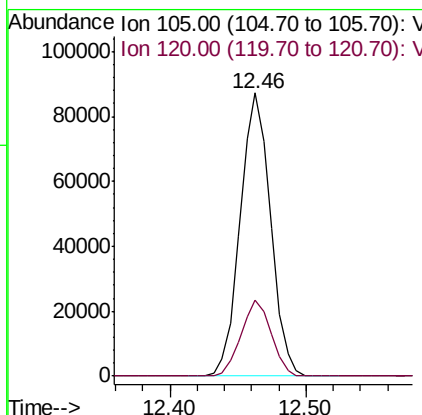
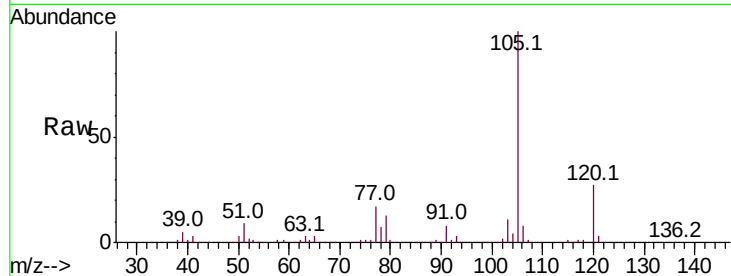




#73
Isopropylbenzene
Concen: 9.808 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

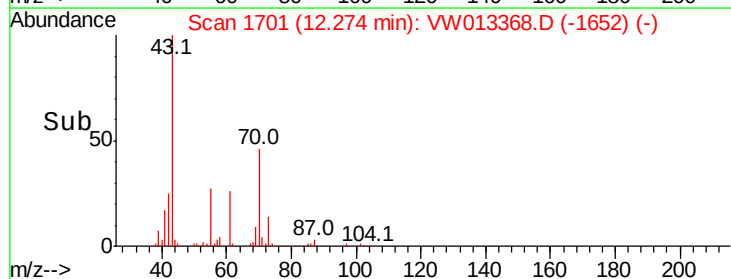
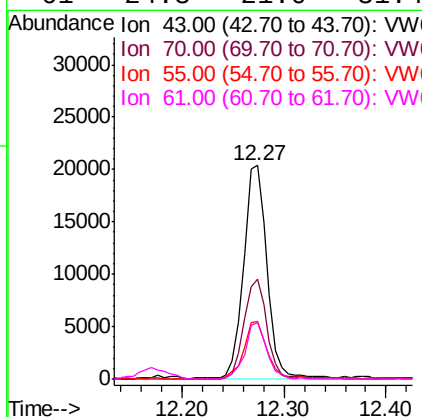
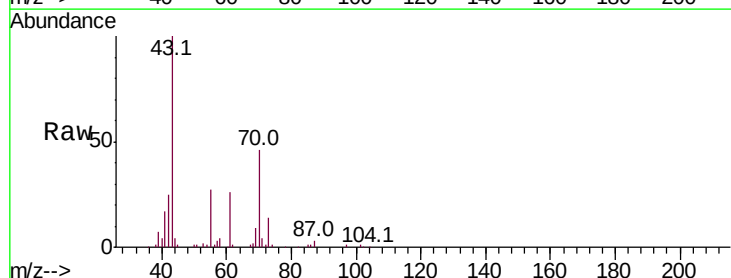
Instrument :
MSVOA_W
ClientSampleId :

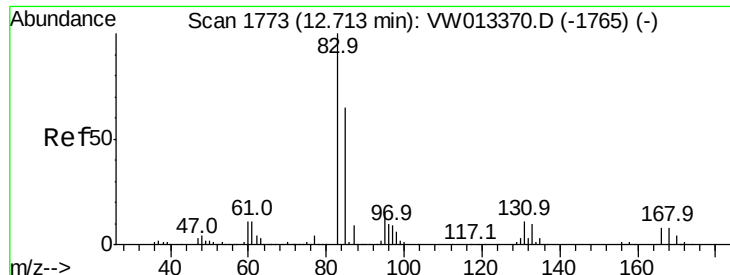
Tot Ion:105 Resp: 136200
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8



#74
N-ethyl acetate
Concen: 10.975 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion: 43 Resp: 32876
Ion Ratio Lower Upper
43 100
70 45.5 36.6 55.0
55 26.7 21.0 31.6
61 24.3 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 11.534 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

ClientSampled :

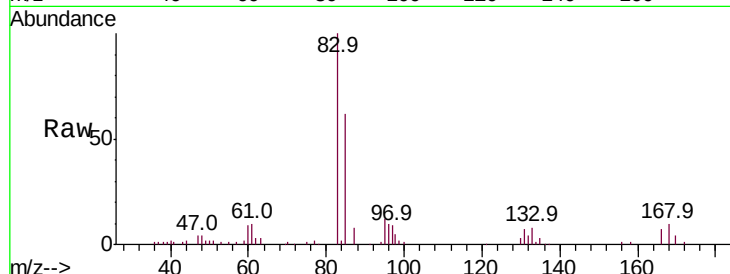
Tot Ion: 83 Resp: 27475

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.6	16.8
85	64.4	33.1	99.2

83 100

131 11.0 5.6 16.8

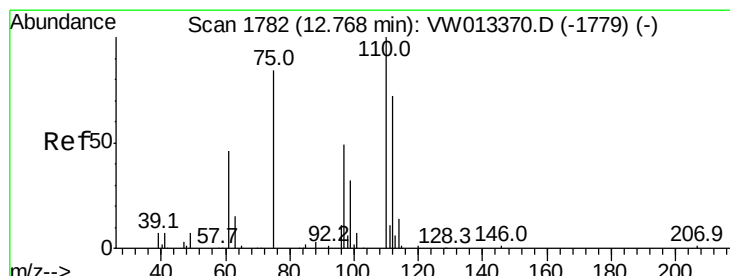
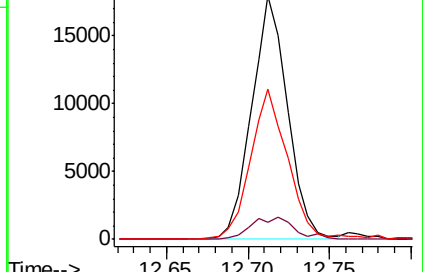
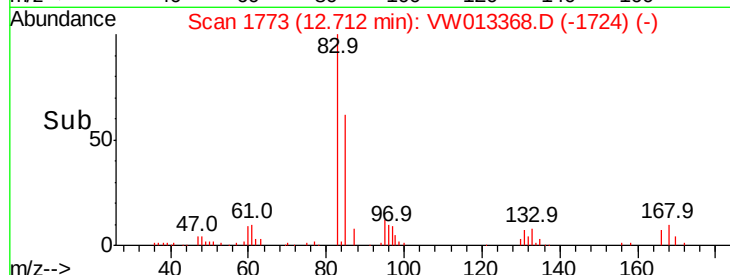
85 64.4 33.1 99.2



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: 19.590 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013368.D

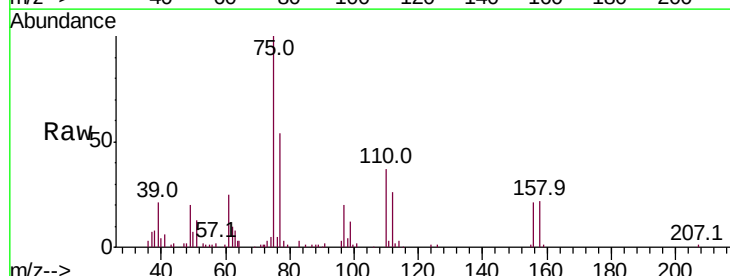
Acq: 01 Oct 2019 13:28

Tgt Ion: 75 Resp: 32675

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

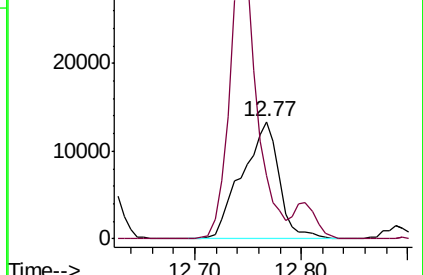
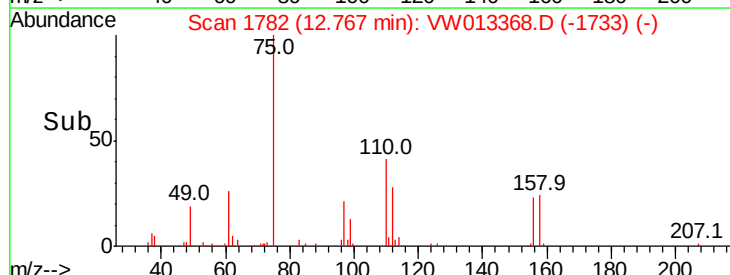
75 100

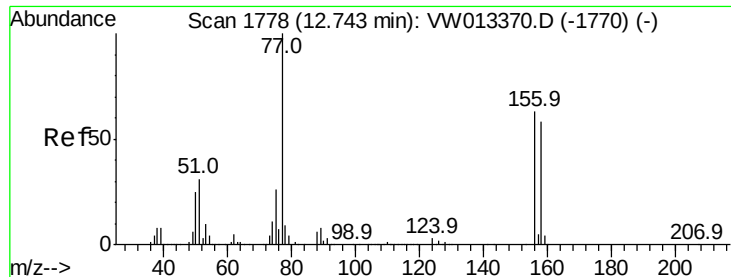
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.142 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

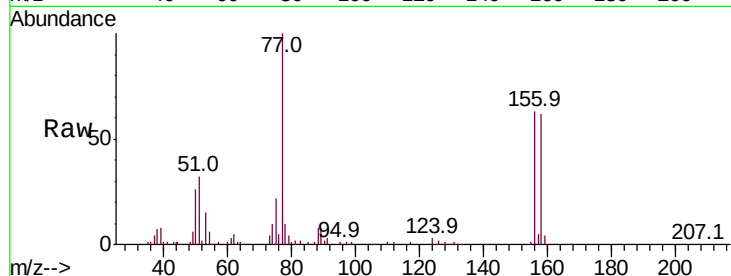
Tot Ion:156 Resp: 33524

Ion Ratio Lower Upper

156 100

77 174.4 86.7 260.1

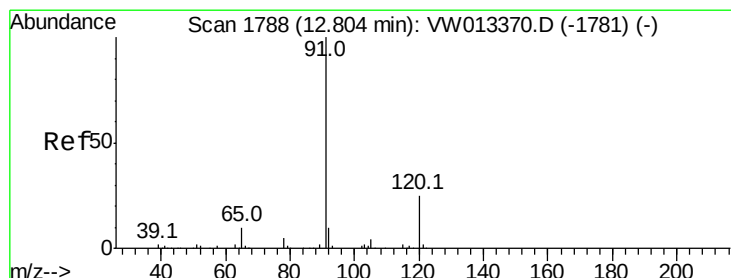
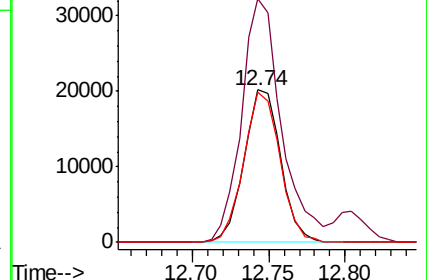
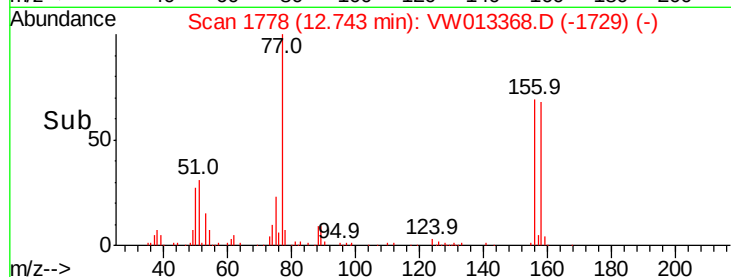
158 98.0 48.6 145.9



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: 9.882 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013368.D

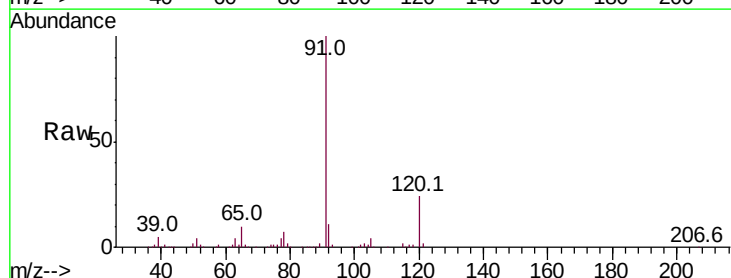
Acq: 01 Oct 2019 13:28

Tgt Ion: 91 Resp: 157187

Ion Ratio Lower Upper

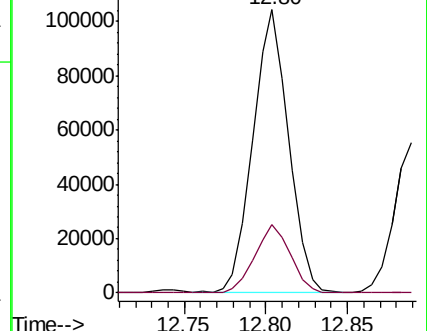
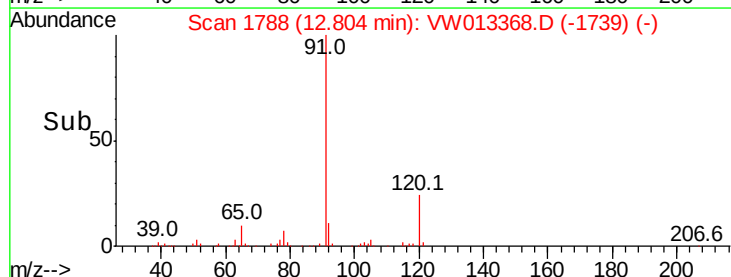
91 100

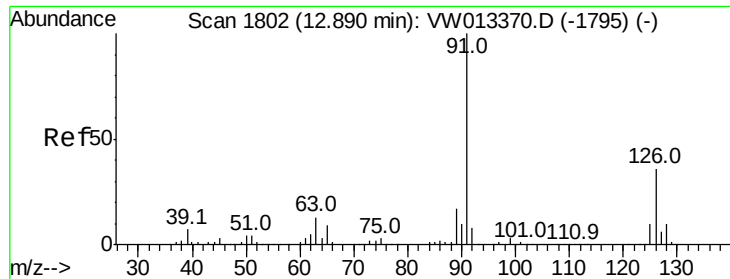
120 24.3 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.038 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

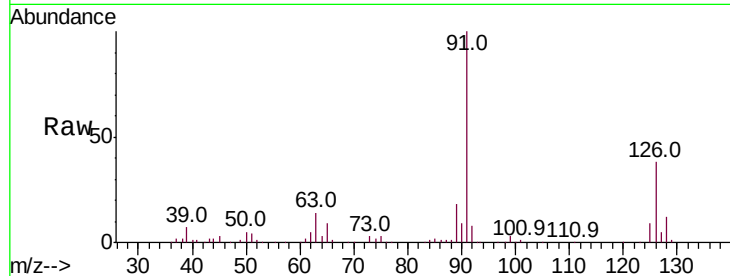
ClientSampled :

Tot Ion: 91 Resp: 90243

Ion Ratio Lower Upper

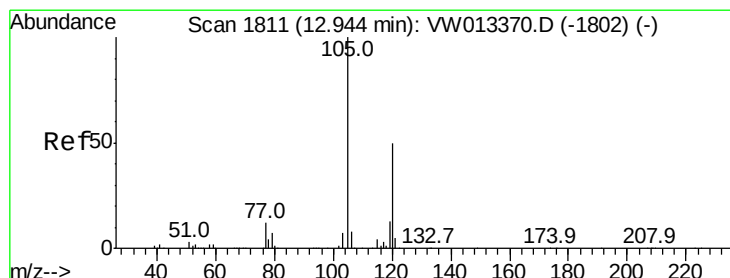
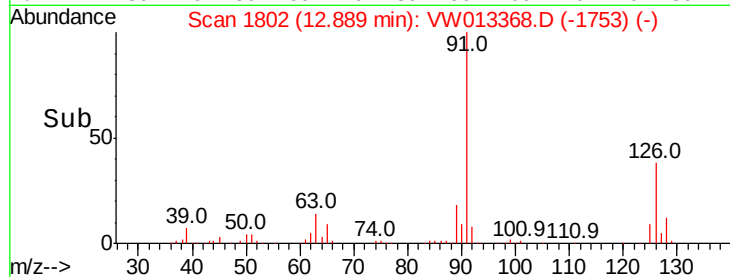
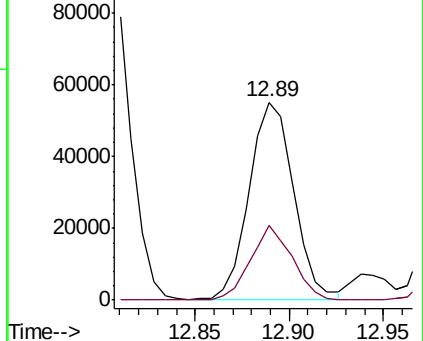
91 100

126 35.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.884 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013368.D

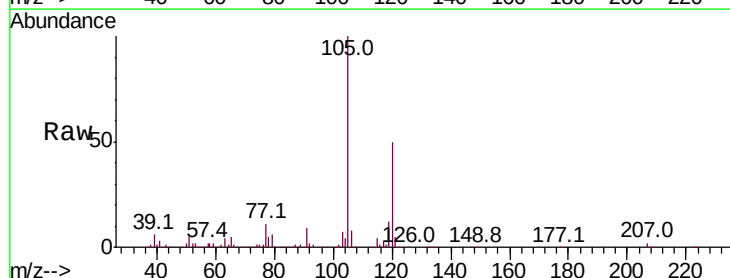
Acq: 01 Oct 2019 13:28

Tgt Ion:105 Resp: 115540

Ion Ratio Lower Upper

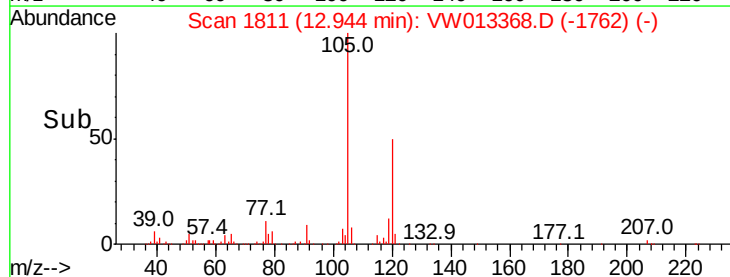
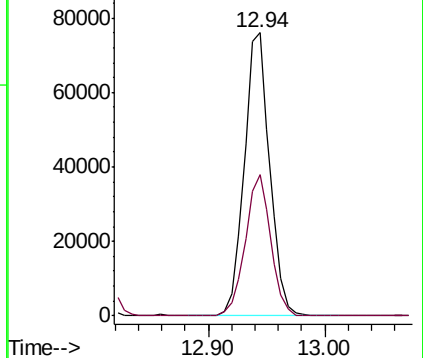
105 100

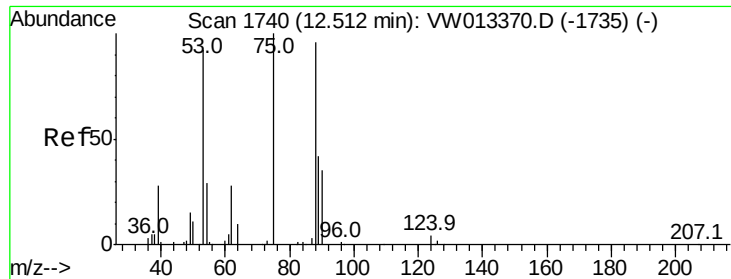
120 49.7 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

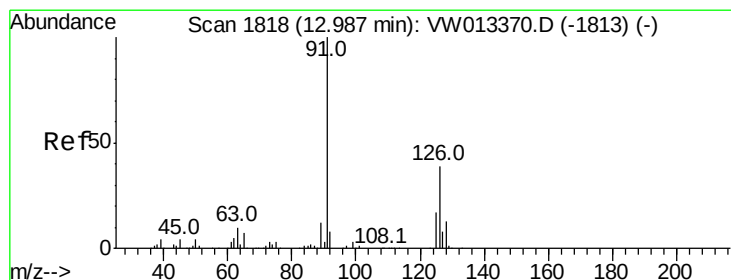
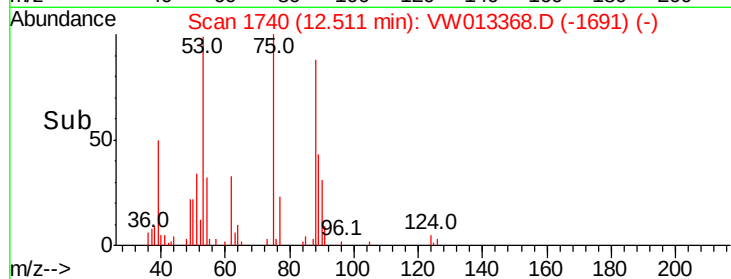
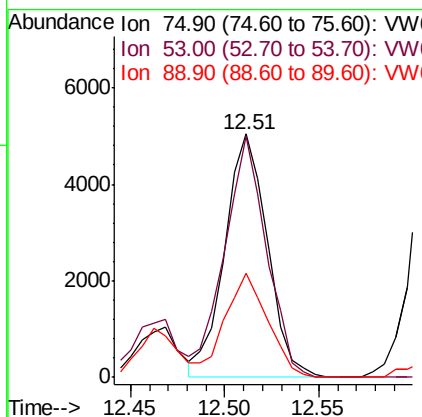
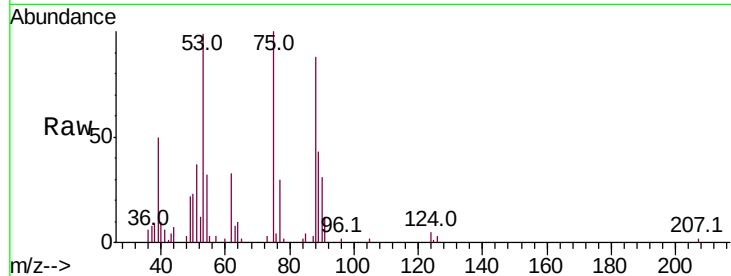




#81
trans-1,4-Dichloro-2-butene
Concen: 11.061 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

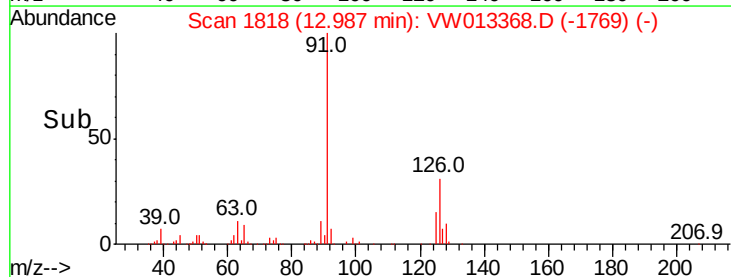
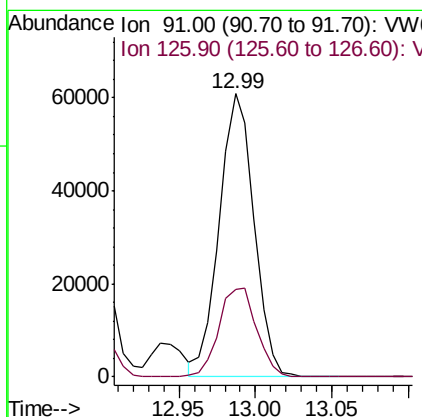
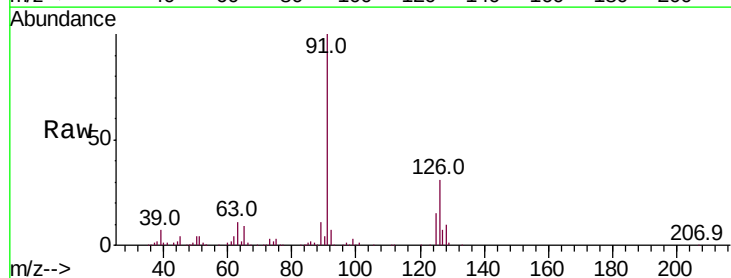
Instrument :
MSVOA_W
ClientSampleId :

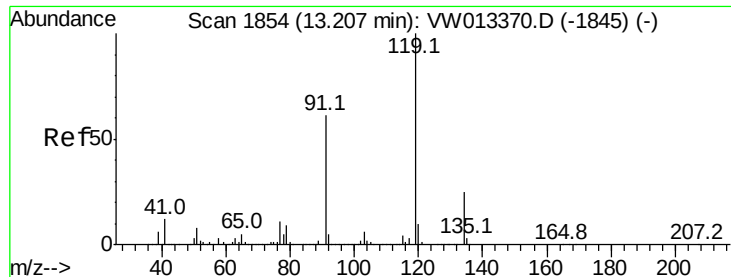
Tot Ion: 75 Resp: 7909
Ion Ratio Lower Upper
75 100
53 97.7 75.0 112.6
89 42.0 37.6 56.4



#82
4-Chlorotoluene
Concen: 10.347 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion: 91 Resp: 95818
Ion Ratio Lower Upper
91 100
126 34.1 18.1 54.4





#83

tert-Butylbenzene

Concen: 9.752 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW013368.D

Acq: 01 Oct 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

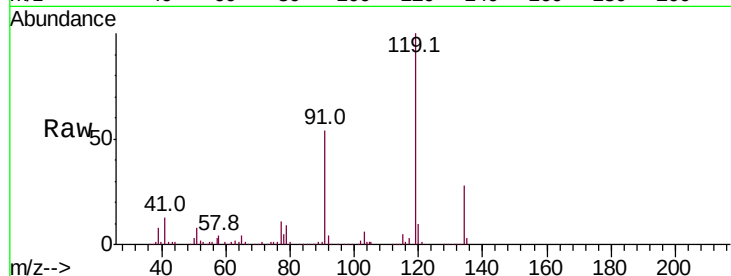
Tot Ion:119 Resp: 100238

Ion Ratio Lower Upper

119 100

91 59.6 29.9 89.7

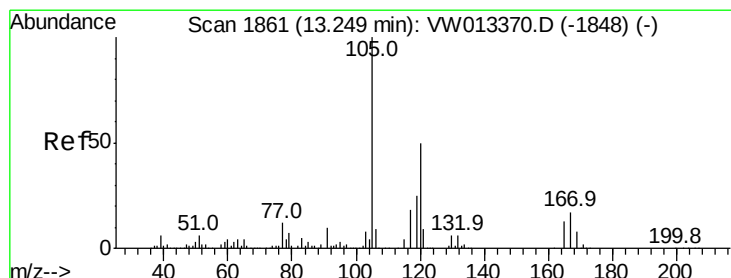
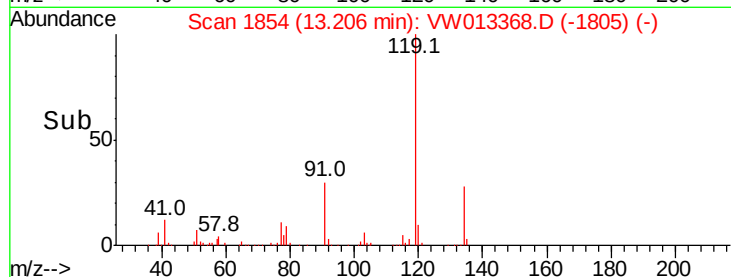
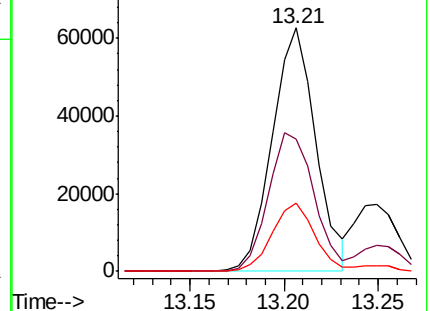
134 27.6 13.9 41.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 9.769 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW013368.D

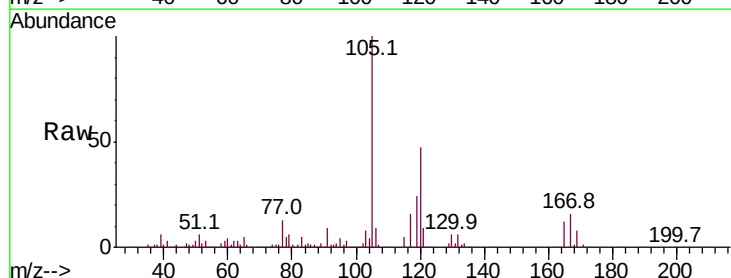
Acq: 01 Oct 2019 13:28

Tgt Ion:105 Resp: 113236

Ion Ratio Lower Upper

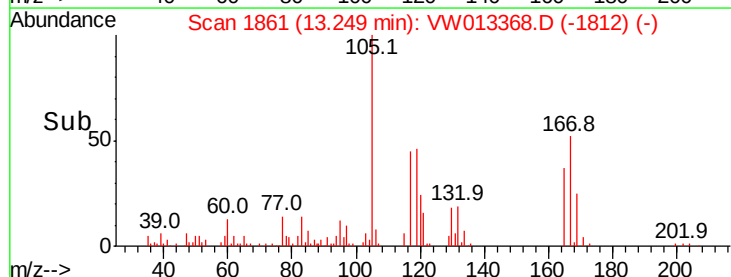
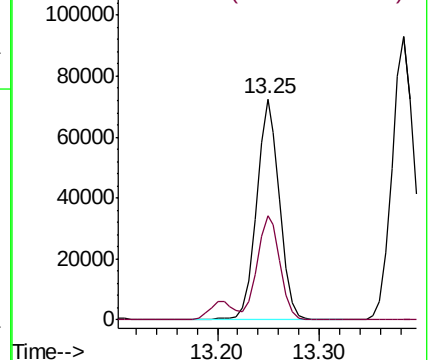
105 100

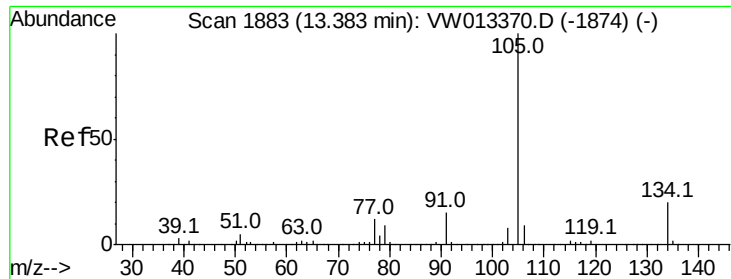
120 46.7 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

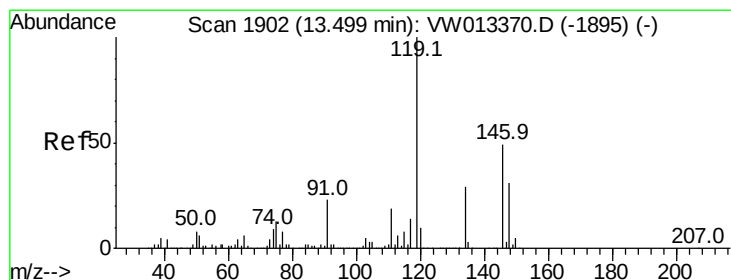
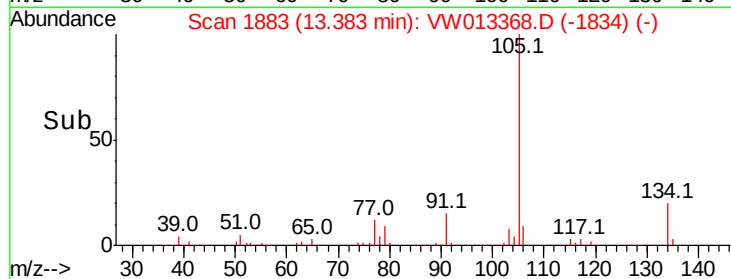
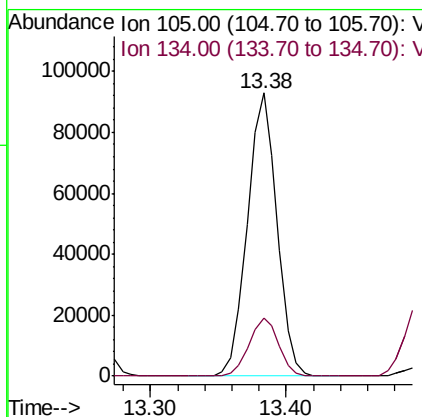
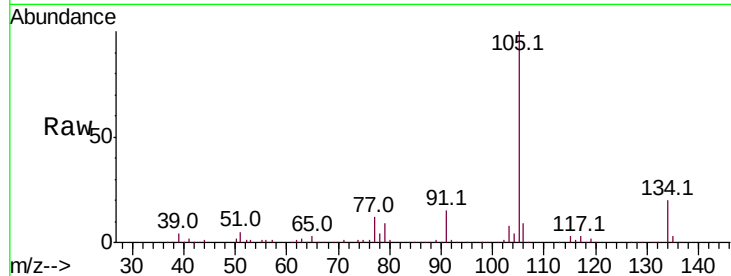




#85
 sec-Butylbenzene
 Concen: 9.996 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

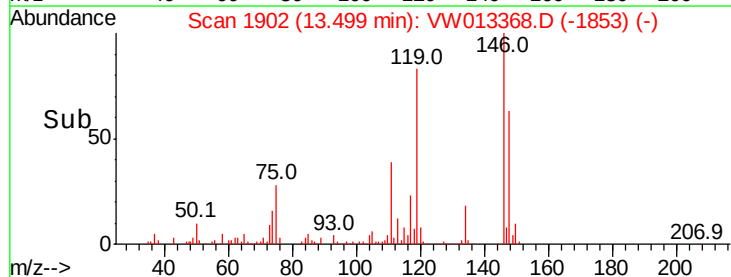
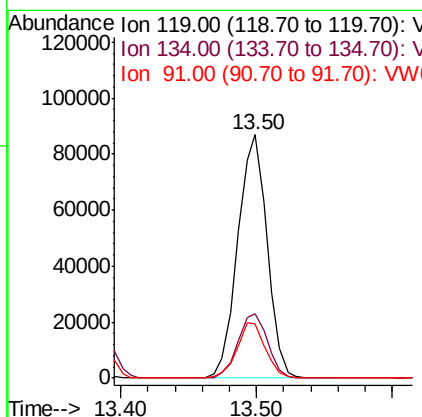
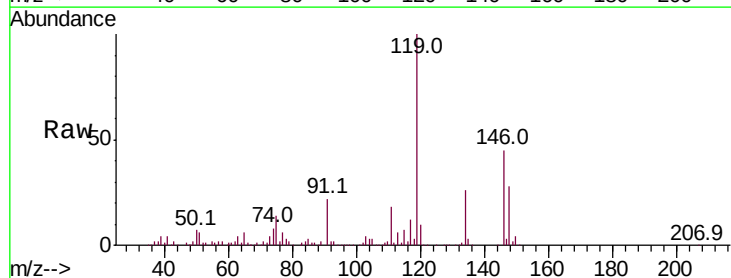
Instrument :
 MSVOA_W
 ClientSampled :

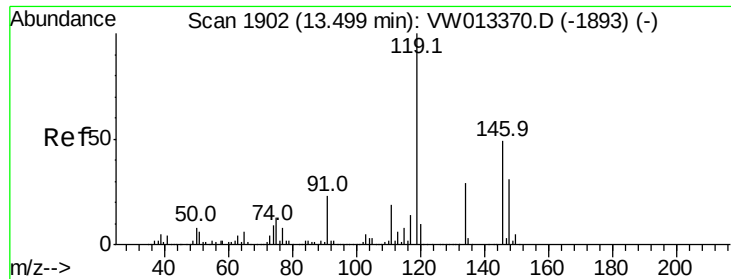
Tot Ion:105 Resp: 141769
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 9.912 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion:119 Resp: 130357
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.4 11.1 33.1

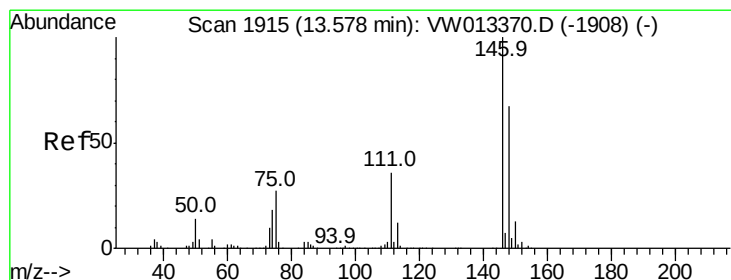
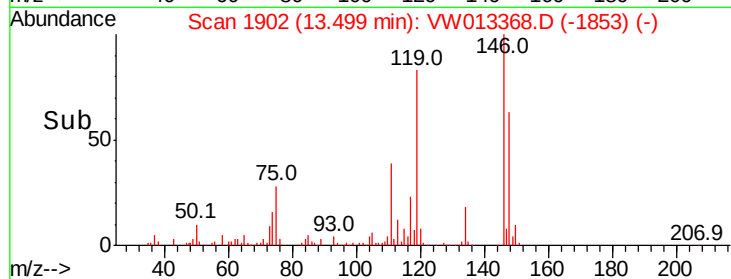
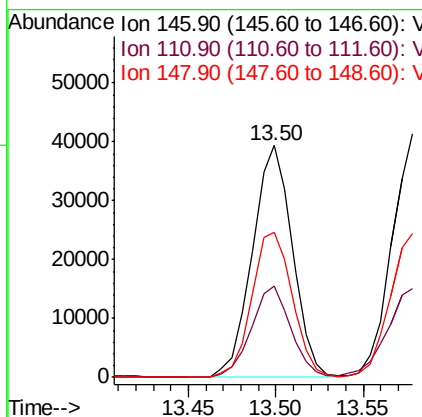
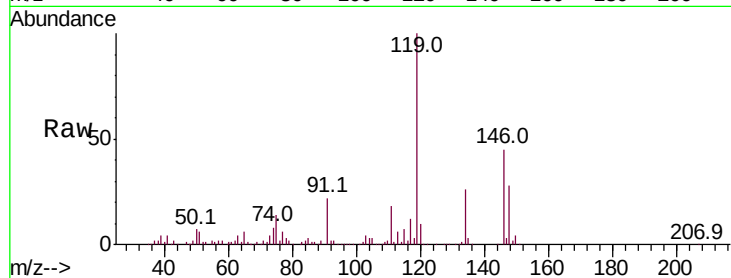




#87
 1,3-Dichlorobenzene
 Concen: 9.799 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

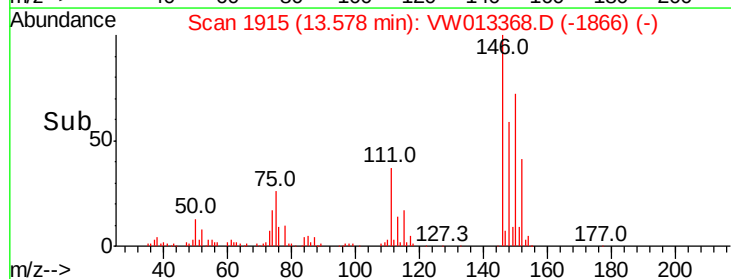
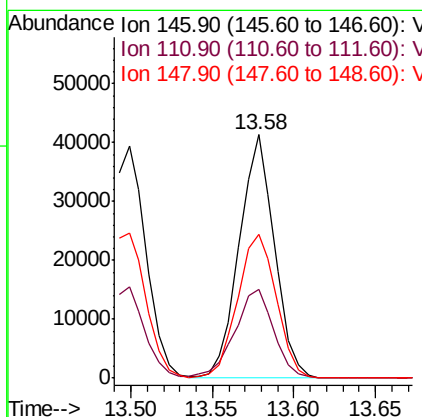
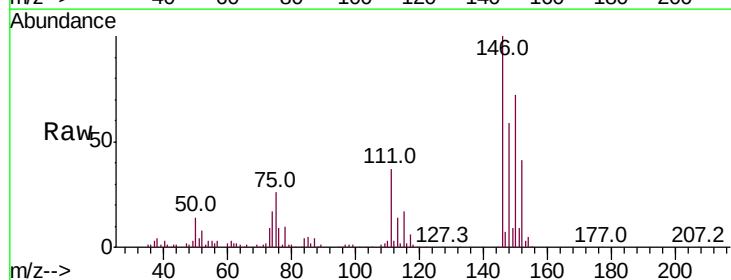
Instrument :
 MSVOA_W
 ClientSampleId :

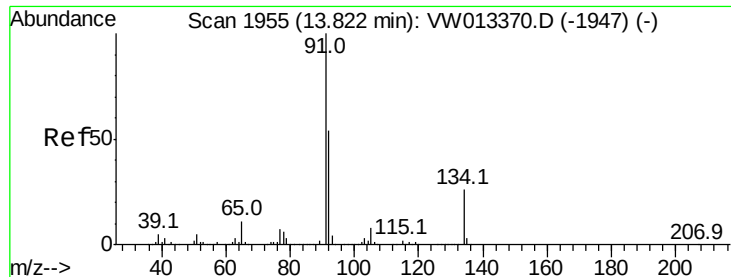
Tot Ion:146 Resp: 62703
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.7
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 9.795 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion:146 Resp: 62341
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.2 54.6
 148 64.6 32.4 97.0

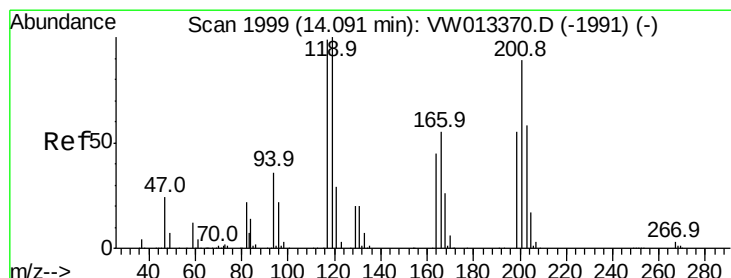
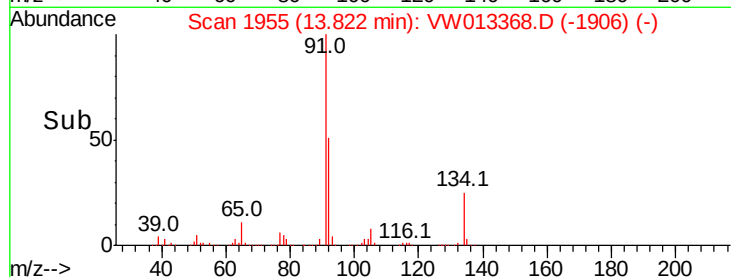
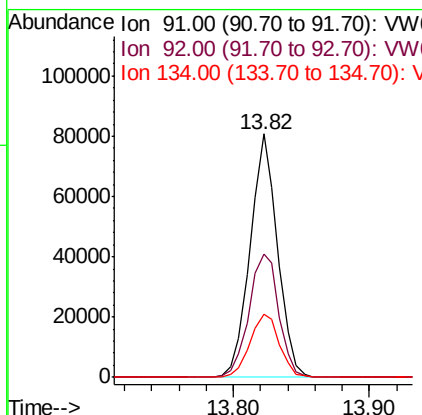
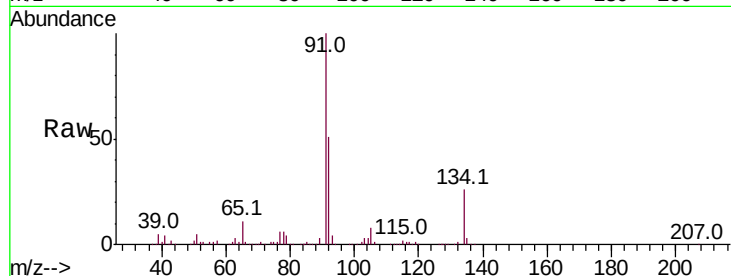




#89
n-Butylbenzene
Concen: 9.618 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

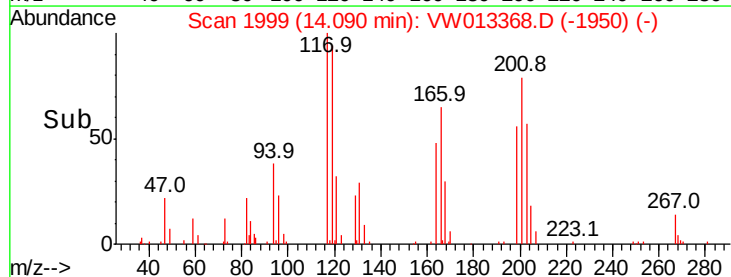
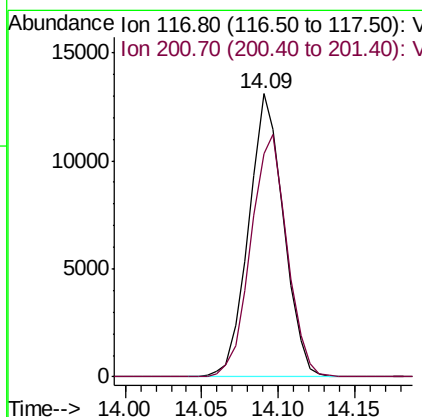
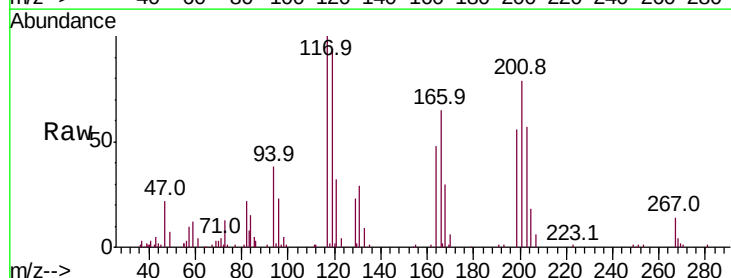
Instrument :
MSVOA_W
ClientSampled :

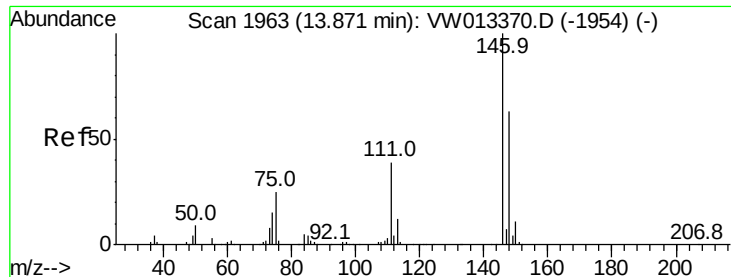
Tot Ion: 91 Resp: 114114
Ion Ratio Lower Upper
91 100
92 55.2 27.3 81.8
134 27.9 13.8 41.4



#90
Hexachloroethane
Concen: 9.671 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion: 117 Resp: 20797
Ion Ratio Lower Upper
117 100
201 88.7 46.9 140.6

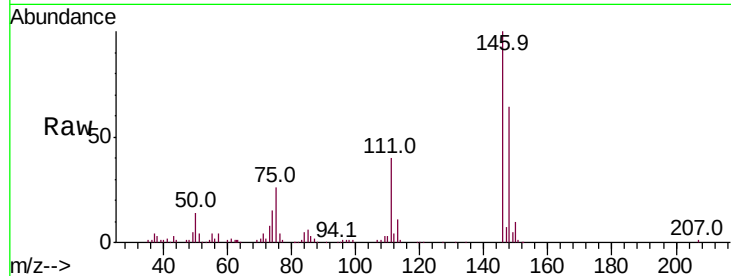




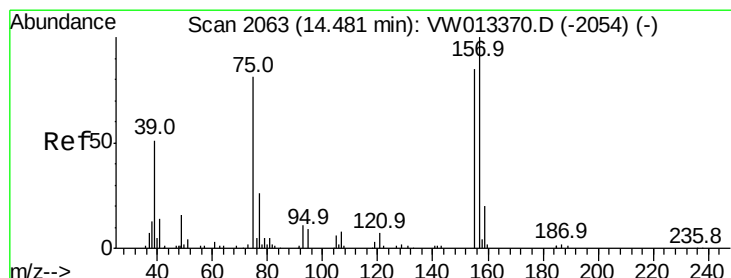
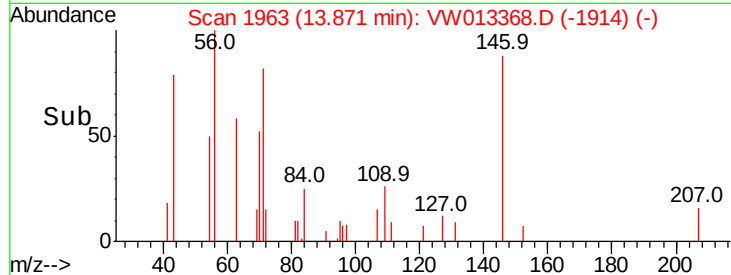
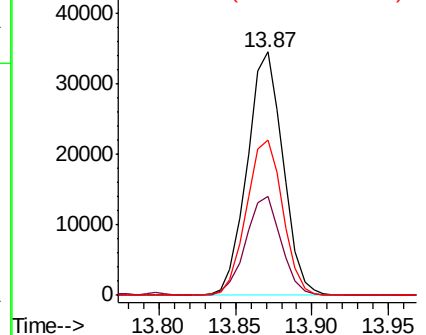
#91
 1,2-Dichlorobenzene
 Concen: 9.985 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.8	59.3
148	64.6	31.8	95.4

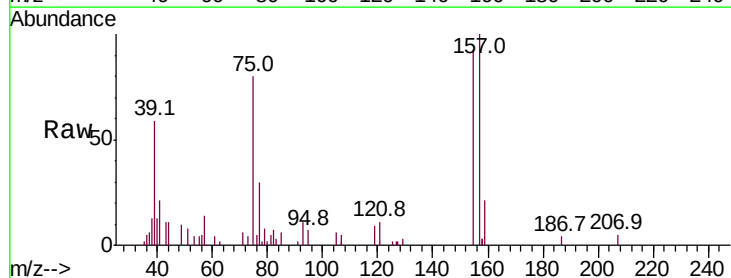


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

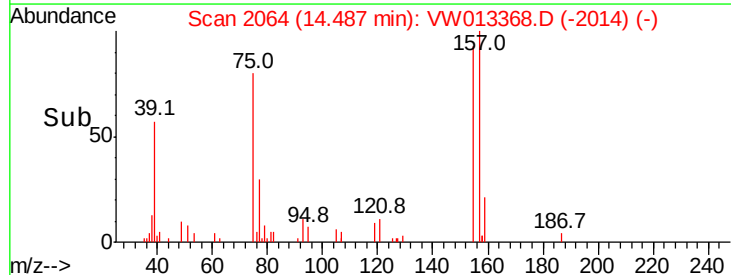
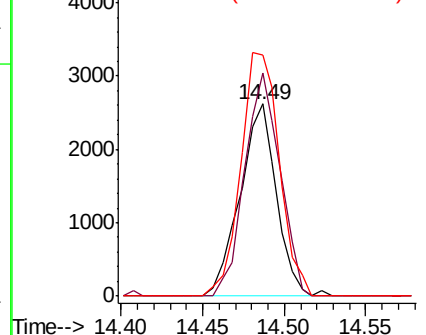


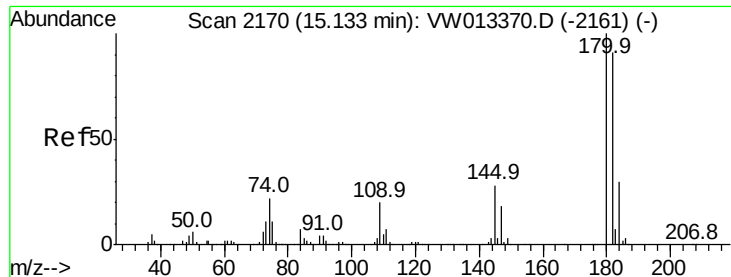
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.145 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	112.6	54.4	163.2
157	134.2	66.1	198.3



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

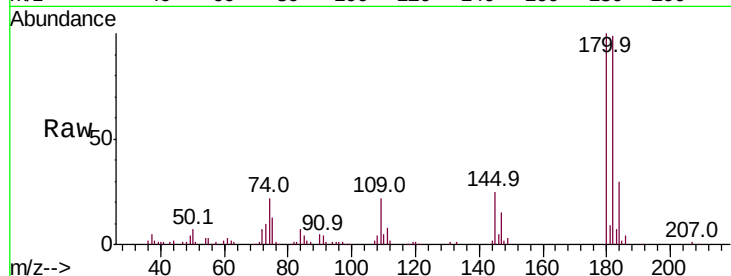




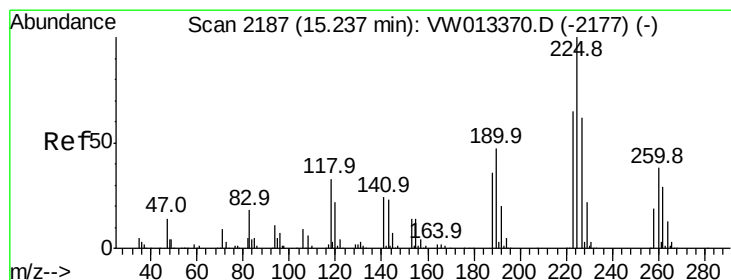
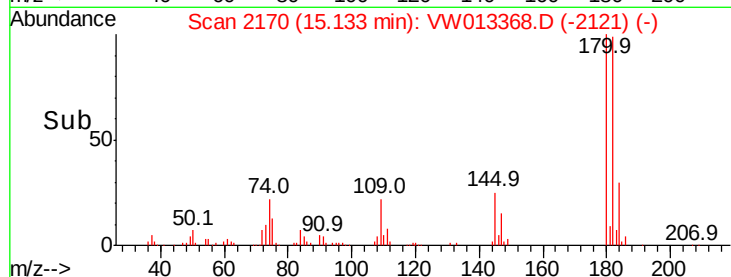
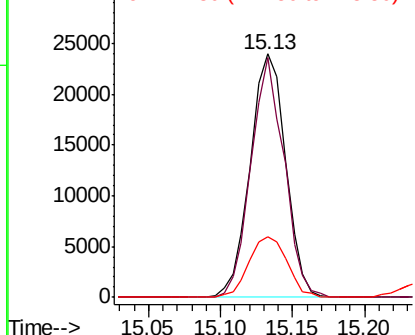
#93
 1,2,4-Trichlorobenzene
 Concen: 10.406 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 40852
 Ion Ratio Lower Upper
 180 100
 182 91.8 46.9 140.7
 145 26.8 13.9 41.7

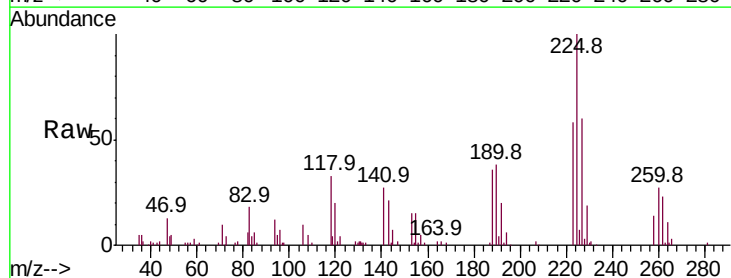


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

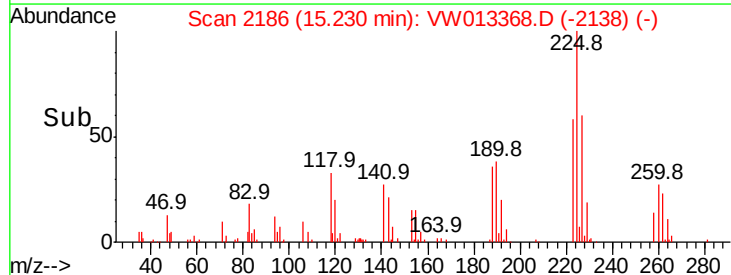
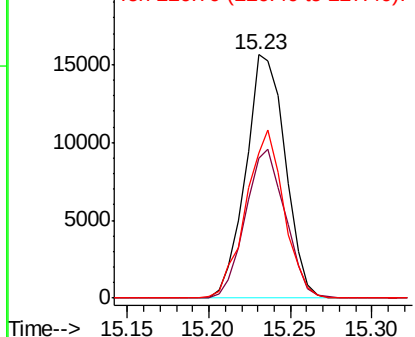


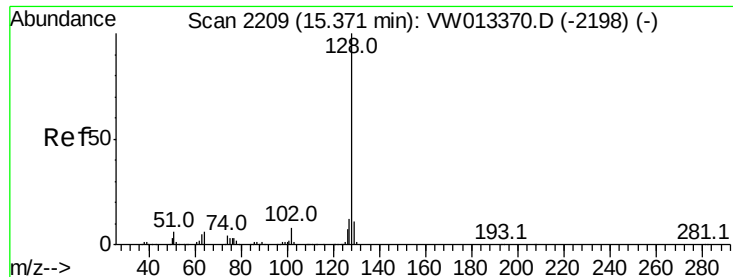
#94
 Hexachlorobutadiene
 Concen: 10.001 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013368.D
 Acq: 01 Oct 2019 13:28

Tgt Ion:225 Resp: 26454
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.2 96.6
 227 66.8 32.3 96.9



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

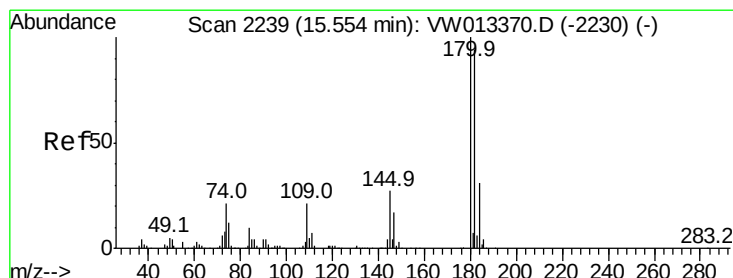
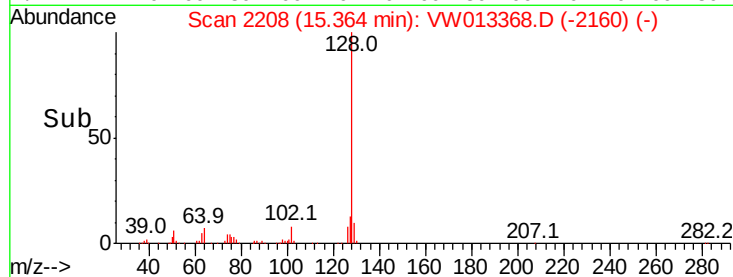
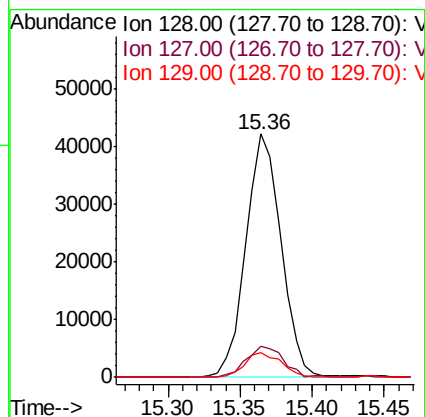
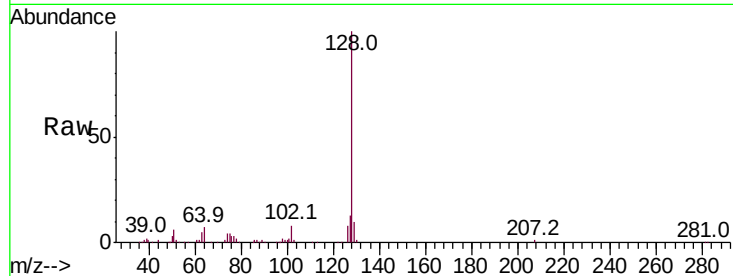




#95
Naphthalene
Concen: 11.080 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 71459
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 10.400 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW013368.D
Acq: 01 Oct 2019 13:28

Tgt Ion:180 Resp: 35710
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.9
145 28.0 14.9 44.7

