

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011392.D
 Acq On : 19 Jul 2019 23:58
 Operator : SY/VA
 Sample : VW0720SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

Quant Time: Jul 20 05:55:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150576	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	135779	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
35) Dibromofluoromethane	7.88	113	107510	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
50) Toluene-d8	10.32	98	426264	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.62	95	156227	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	29760	19.910	ug/l	96
3) Chloromethane	2.21	50	46634	24.212	ug/l	96
4) Vinyl Chloride	2.36	62	52422	20.794	ug/l	98
5) Bromomethane	2.77	94	27191	21.465	ug/l	98
6) Chloroethane	2.92	64	29415	21.663	ug/l	98
7) Trichlorofluoromethane	3.25	101	19333	21.587	ug/l	100
8) Diethyl Ether	3.68	74	27201	21.951	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44027	20.524	ug/l	98
10) Methyl Iodide	4.27	142	62649	21.234	ug/l	99
11) Tert butyl alcohol	5.16	59	31044	166.499	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	45508	20.439	ug/l	94
13) Acrolein	3.89	56	13822	93.096	ug/l	97
14) Allyl chloride	4.67	41	93366	22.996	ug/l	98
15) Acrylonitrile	5.37	53	73702	116.785	ug/l	98
16) Acetone	4.11	43	70771	116.794	ug/l	100
17) Carbon Disulfide	4.38	76	134222	19.885	ug/l	96
18) Methyl Acetate	4.67	43	53748	30.644	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	75489	22.345	ug/l	99
20) Methylene Chloride	4.92	84	57533	24.068	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	50482	21.820	ug/l	94
22) Diisopropyl ether	6.31	45	200171	22.923	ug/l	97
23) Vinyl Acetate	6.25	43	557530	103.165	ug/l	99
24) 1,1-Dichloroethane	6.21	63	101495	22.134	ug/l	99
25) 2-Butanone	7.16	43	109996	115.642	ug/l	95
26) 2,2-Dichloropropane	7.16	77	52749	22.130	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	55700	22.319	ug/l	99
28) Bromochloromethane	7.51	49	48227	23.130	ug/l #	23
29) Tetrahydrofuran	7.52	42	70155	112.483	ug/l	99
30) Chloroform	7.68	83	94650	22.288	ug/l	99
31) Cyclohexane	7.95	56	95875	19.653	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	70831	21.926	ug/l	98
36) 1,1-Dichloropropene	8.08	75	73393	19.867	ug/l	99
37) Ethyl Acetate	7.25	43	48989	22.071	ug/l	99
38) Carbon Tetrachloride	8.07	117	62227	19.870	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85426	19.078	ug/l	98
40) Benzene	8.32	78	214995	21.058	ug/l	99
41) Methacrylonitrile	7.48	41	32610	25.688	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	71033	21.448	ug/l	99
43) Isopropyl Acetate	8.42	43	88001	21.000	ug/l	99
44) Trichloroethene	9.09	130	49506	20.150	ug/l	95
45) 1,2-Dichloropropane	9.37	63	59605	21.559	ug/l	100
46) Dibromomethane	9.46	93	27791	21.399	ug/l	99
47) Bromodichloromethane	9.64	83	70404	21.187	ug/l	98
48) Methyl methacrylate	9.43	41	41217	20.444	ug/l	97
49) 1,4-Dioxane	9.44	88	9977	460.237	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	238191	108.809	ug/l	100
52) Toluene	10.39	92	129812	20.960	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	68758	19.439	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	82344	19.778	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39231	21.293	ug/l	98
56) Ethyl methacrylate	10.65	69	58088	20.708	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74025	21.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	75943	58.398	ug/l	99
59) 2-Hexanone	10.97	43	161794	106.575	ug/l	99
60) Dibromochloromethane	11.13	129	40819	20.204	ug/l	100
61) 1,2-Dibromoethane	11.23	107	36840	21.109	ug/l	99
64) Tetrachloroethene	10.86	164	44528	21.154	ug/l	96
65) Chlorobenzene	11.66	112	130833	20.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	46202	20.690	ug/l	99
67) Ethyl Benzene	11.73	91	247004	20.344	ug/l	100
68) m/p-Xylenes	11.84	106	176730	40.228	ug/l	98
69) o-Xylene	12.16	106	83771	20.231	ug/l	99
70) Styrene	12.18	104	147549	20.647	ug/l	100
71) Bromoform	12.35	173	24081	20.282	ug/l #	97
73) Isopropylbenzene	12.46	105	228915	20.337	ug/l	100
74) N-amyl acetate	12.27	43	81711	20.843	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49108	21.283	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	61320	35.239	ug/l #	100
77) Bromobenzene	12.75	156	52420	20.752	ug/l	99
78) n-propylbenzene	12.80	91	280948	20.262	ug/l	100
79) 2-Chlorotoluene	12.89	91	163867	20.537	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	194984	20.390	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12306	15.996	ug/l	94
82) 4-Chlorotoluene	12.99	91	172921	20.807	ug/l	100
83) tert-Butylbenzene	13.21	119	164541	20.632	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	197119	20.529	ug/l	100
85) sec-Butylbenzene	13.38	105	233528	20.293	ug/l	99
86) p-Isopropyltoluene	13.50	119	206876	20.043	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	101285	20.840	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	101879	20.817	ug/l	98
89) n-Butylbenzene	13.82	91	202533	19.670	ug/l	100
90) Hexachloroethane	14.10	117	37460	19.861	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	93303	21.161	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8746	21.370	ug/l	96

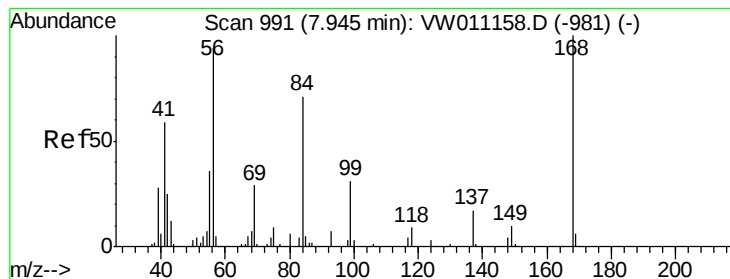
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62575	20.605	ug/l	98
94) Hexachlorobutadiene	15.24	225	38755	20.786	ug/l	99
95) Naphthalene	15.37	128	120163	20.648	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	56294	21.003	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: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

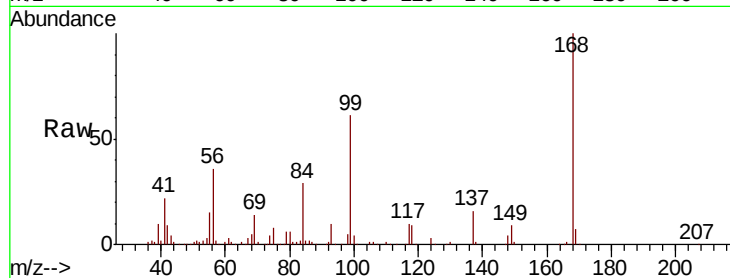
VW0720SBS01

Tot Ion:168 Resp: 200421

Ion Ratio Lower Upper

168 100

99 60.5 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

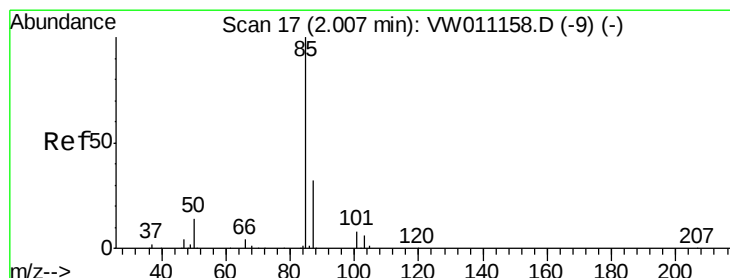
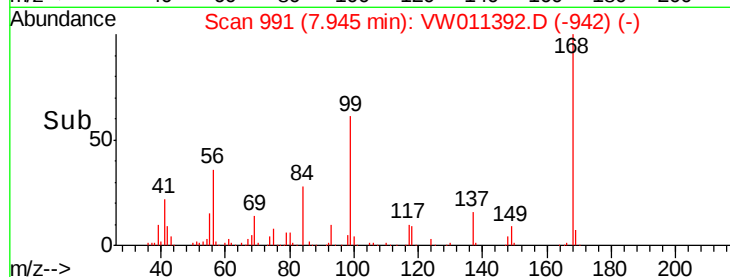
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 19.910 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011392.D

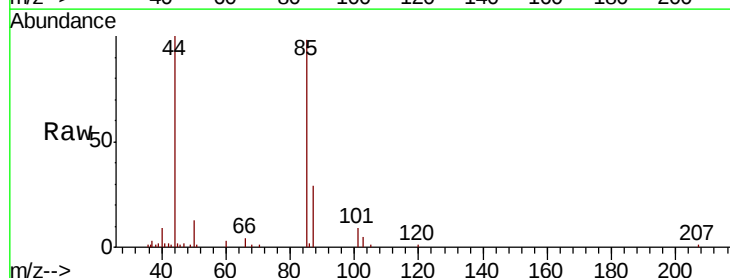
Acq: 19 Jul 2019 23:58

Tgt Ion: 85 Resp: 29760

Ion Ratio Lower Upper

85 100

87 29.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

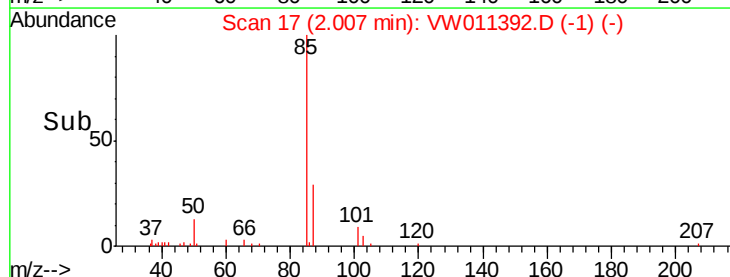
6000

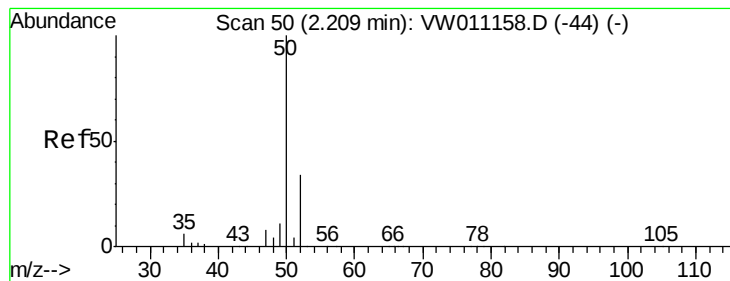
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 24.212 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

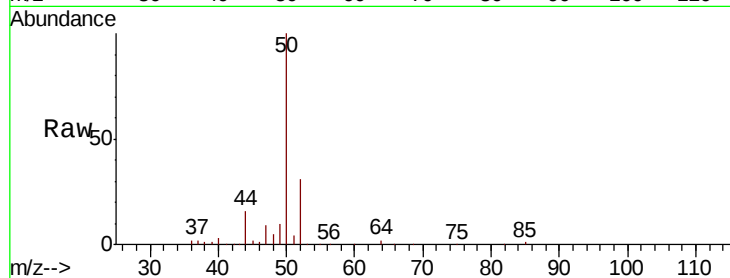
VW0720SBS01

Tot Ion: 50 Resp: 46634

Ion Ratio Lower Upper

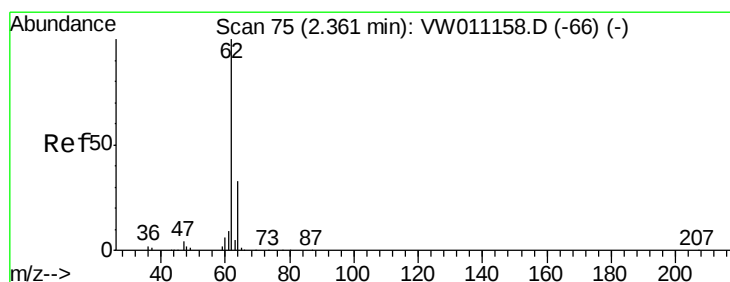
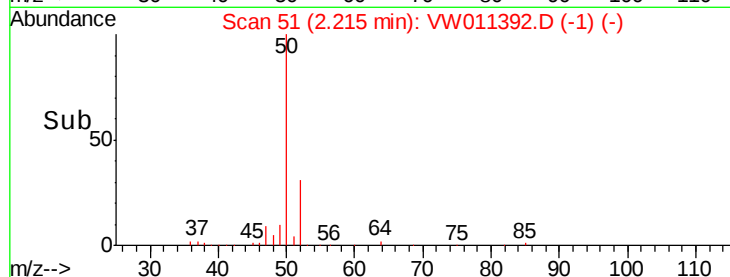
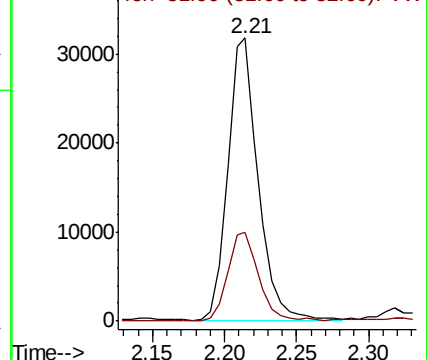
50 100

52 31.3 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.794 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011392.D

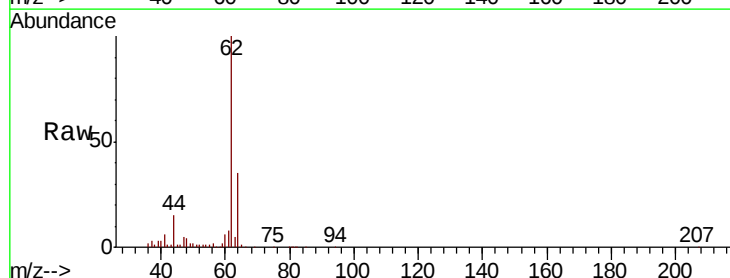
Acq: 19 Jul 2019 23:58

Tgt Ion: 62 Resp: 52422

Ion Ratio Lower Upper

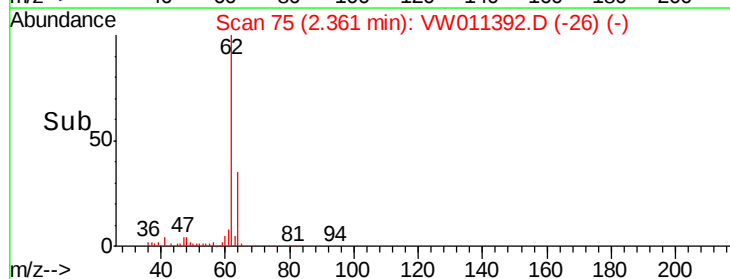
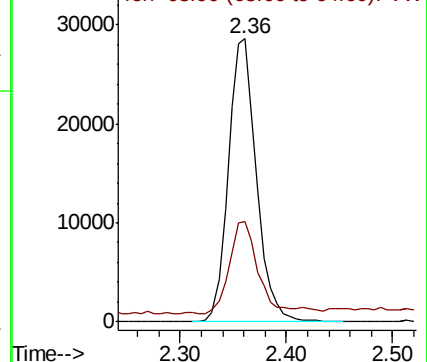
62 100

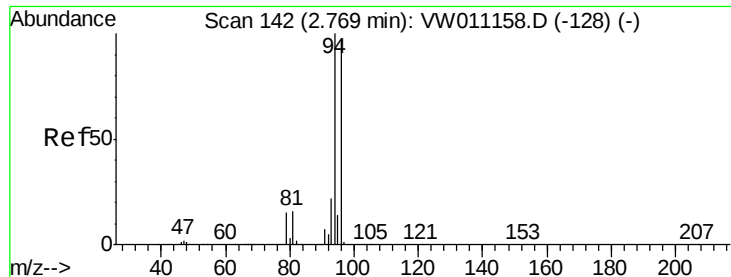
64 32.0 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.465 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

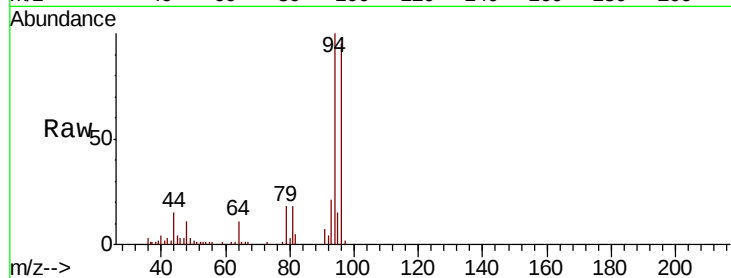
VW0720SBS01

Tot Ion: 94 Resp: 27191

Ion Ratio Lower Upper

94 100

96 95.0 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

10000

8000

6000

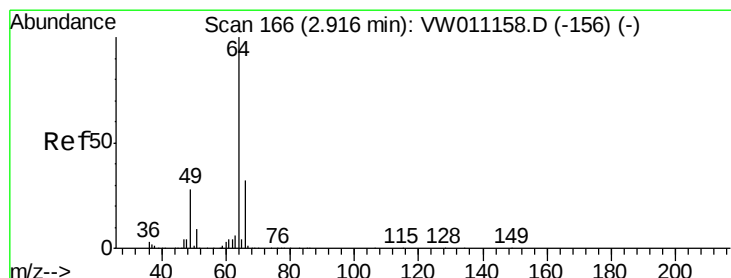
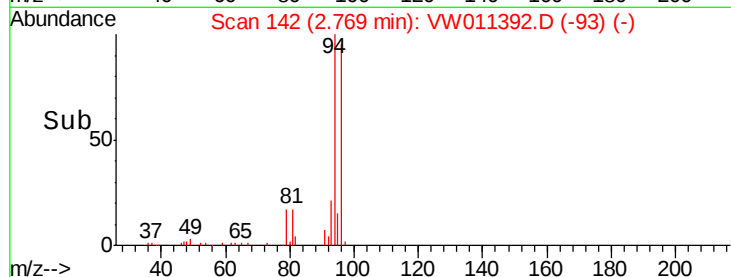
4000

2000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 21.663 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW011392.D

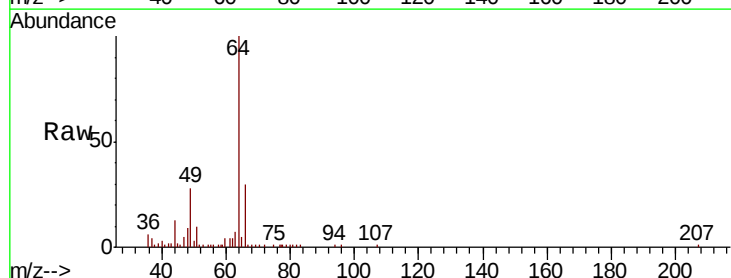
Acq: 19 Jul 2019 23:58

Tgt Ion: 64 Resp: 29415

Ion Ratio Lower Upper

64 100

66 31.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

12000

10000

8000

6000

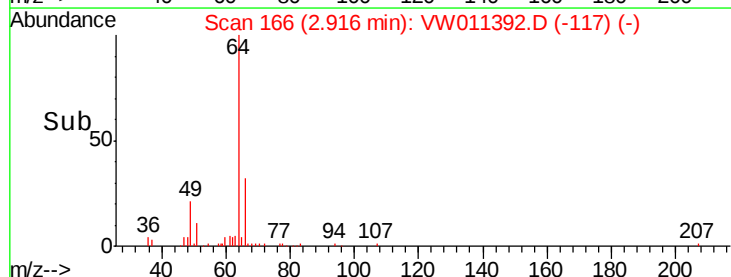
4000

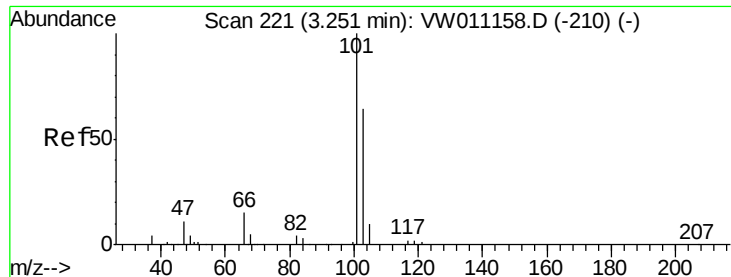
2000

0

Time-->

2.80 2.90 3.00



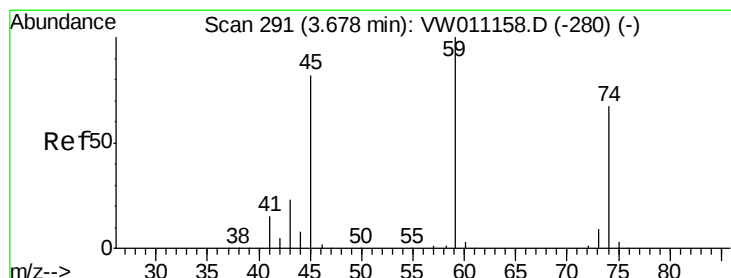
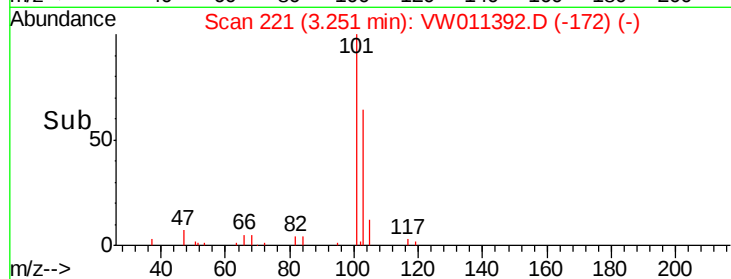
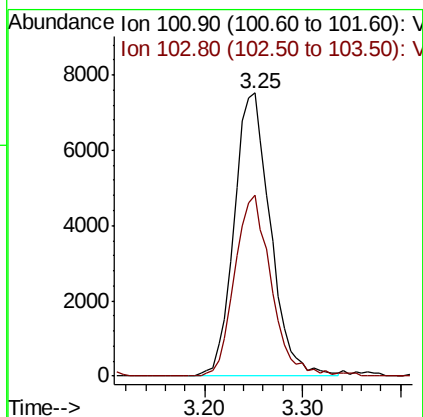
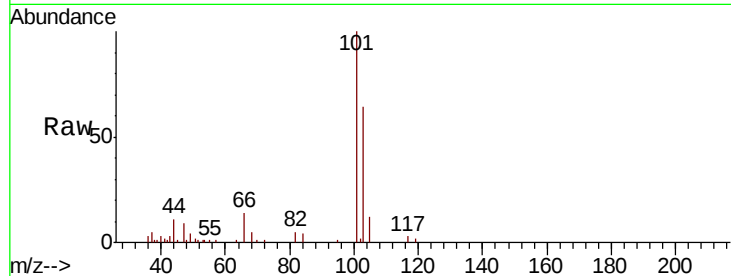


#7

Trichlorofluoromethane
 Concen: 21.587 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

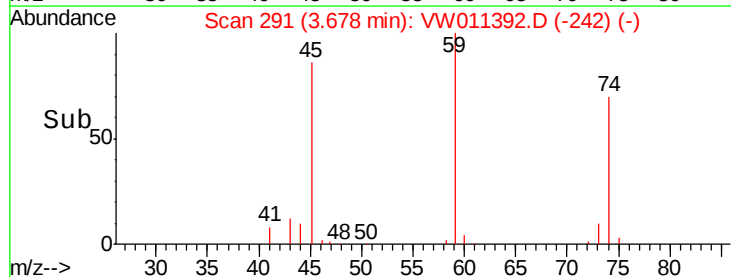
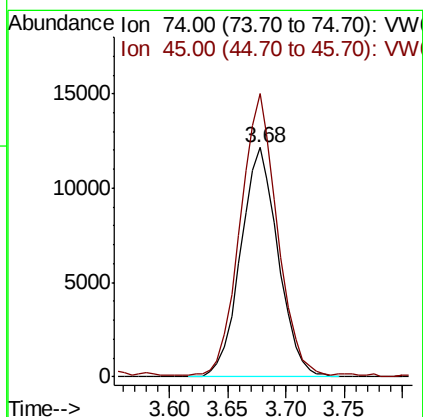
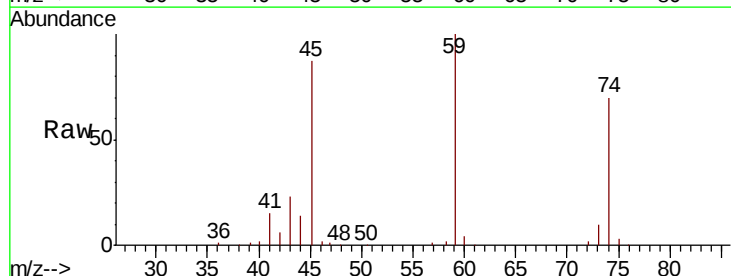
Tot Ion:101 Resp: 19333
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9



#8

Diethyl Ether
 Concen: 21.951 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion: 74 Resp: 27201
 Ion Ratio Lower Upper
 74 100
 45 119.8 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.524 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

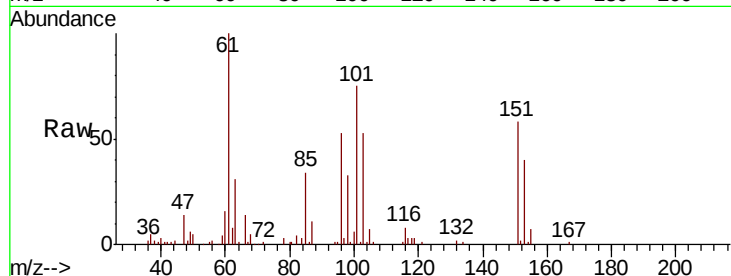
Tot Ion:101 Resp: 44027

Ion Ratio Lower Upper

101 100

85 46.3 36.5 54.7

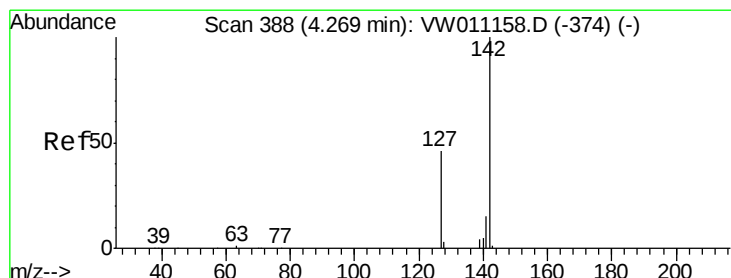
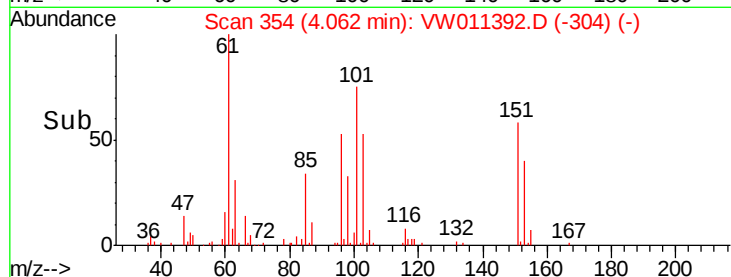
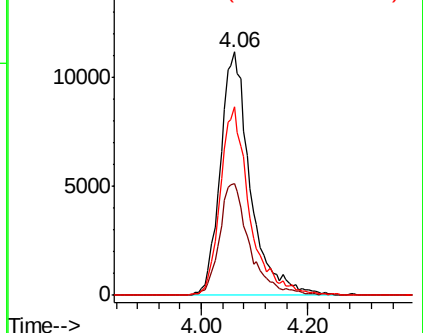
151 75.6 59.1 88.7



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: 21.234 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

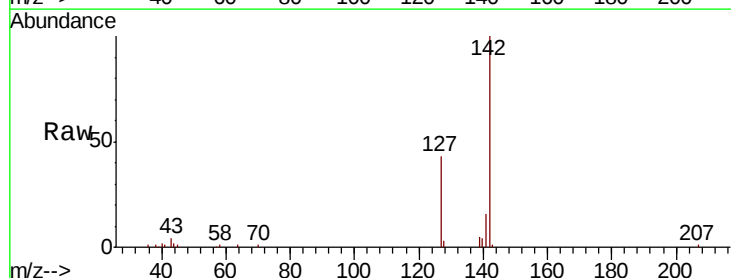
Tgt Ion:142 Resp: 62649

Ion Ratio Lower Upper

142 100

127 44.2 35.7 53.5

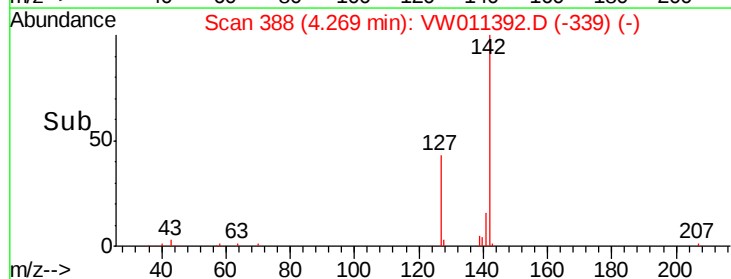
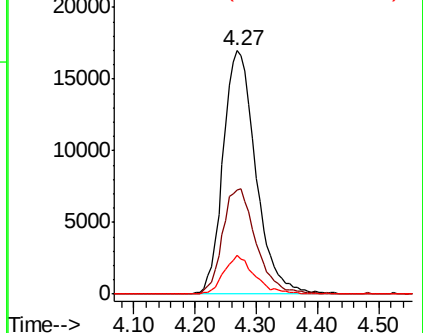
141 14.8 11.5 17.3

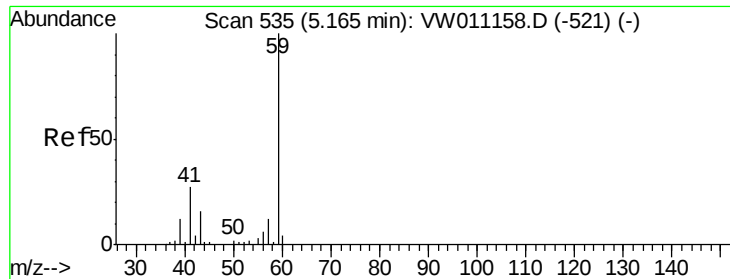


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

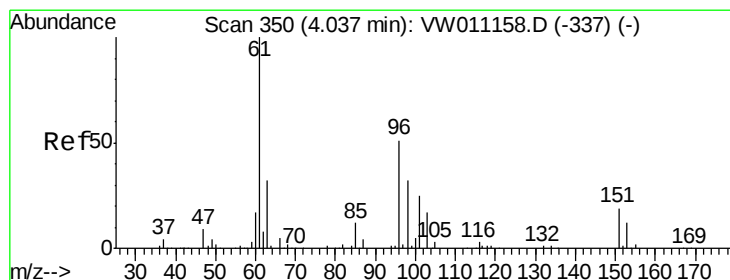
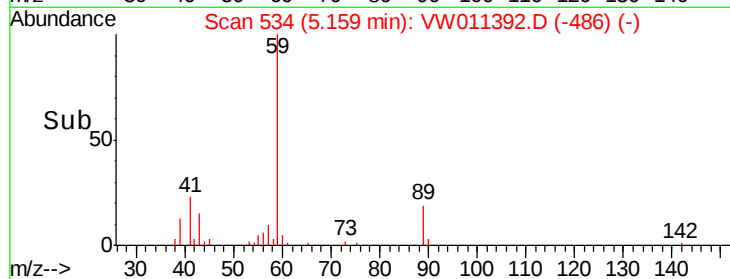
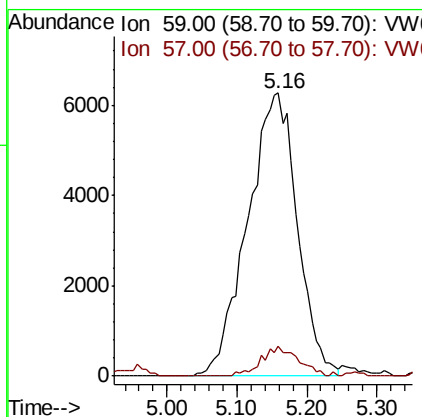
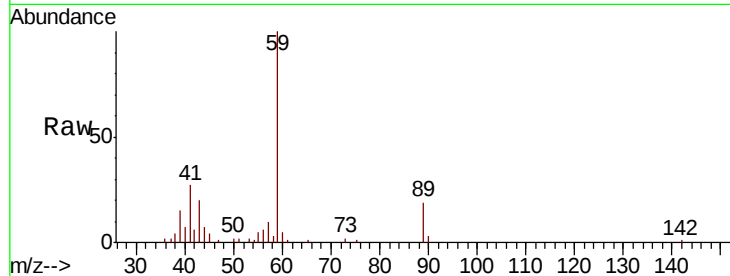




#11
Tert butyl alcohol
Concen: 166.499 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

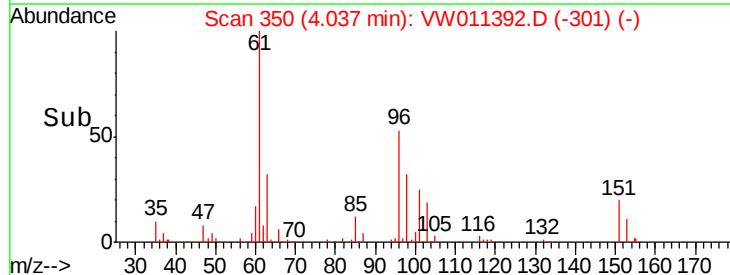
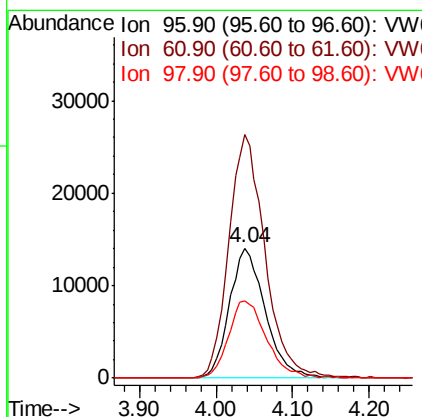
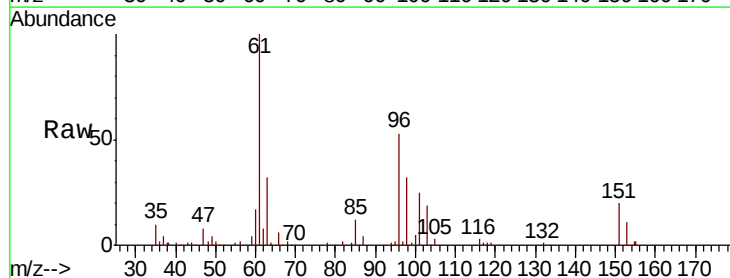
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

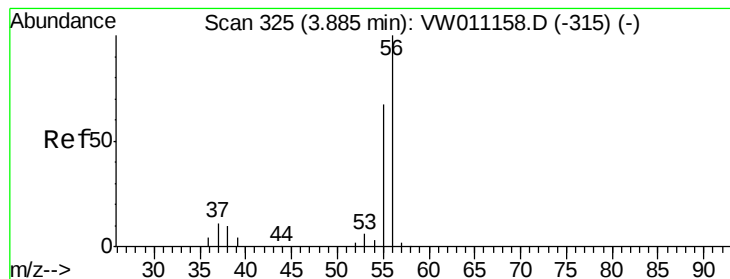
Tot Ion: 59 Resp: 31044
Ion Ratio Lower Upper
59 100
57 7.7 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 20.439 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion: 96 Resp: 45508
Ion Ratio Lower Upper
96 100
61 187.2 157.7 236.5
98 59.7 50.9 76.3





#13

Acrolein

Concen: 93.096 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

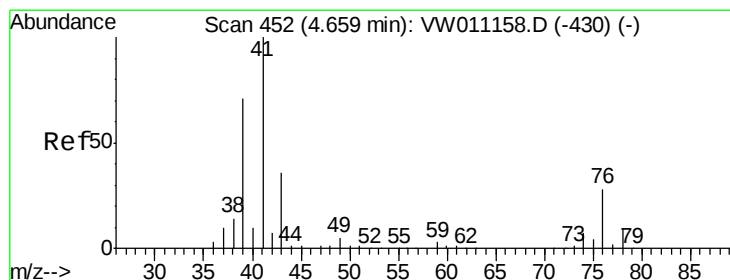
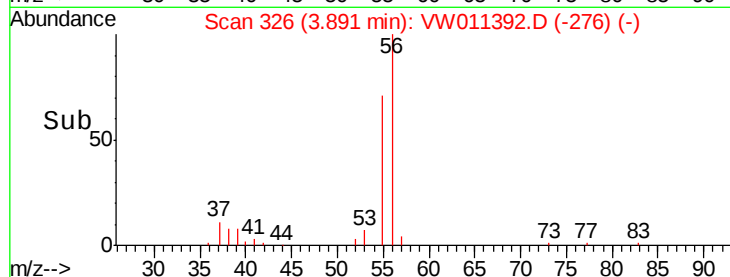
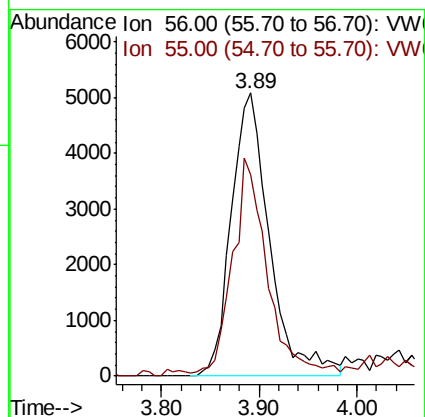
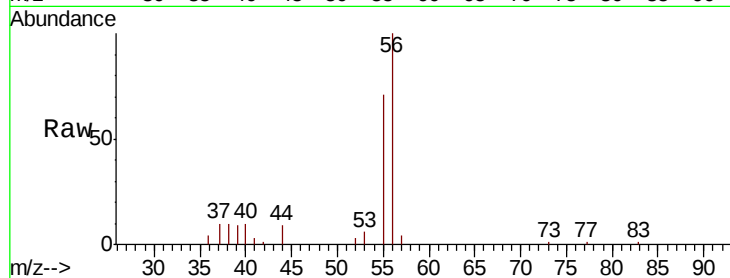
VW0720SBS01

Tot Ion: 56 Resp: 13822

Ion Ratio Lower Upper

56 100

55 67.8 56.4 84.6



#14

Allyl chloride

Concen: 22.996 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

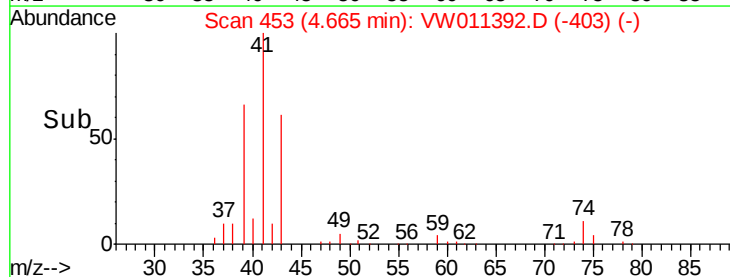
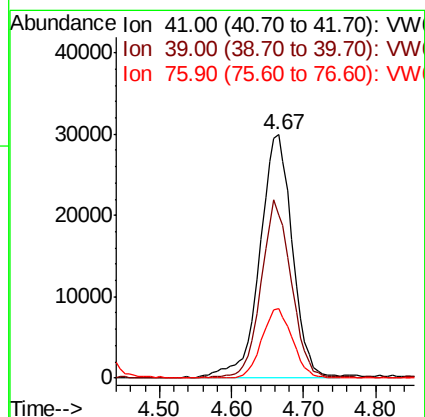
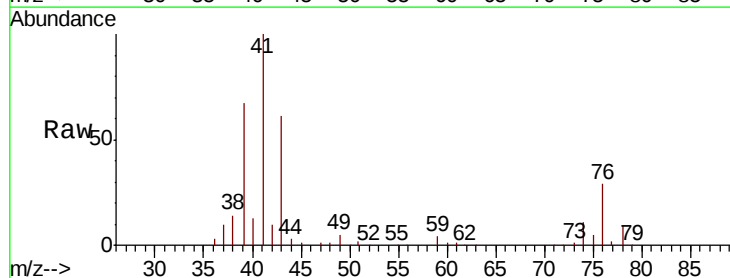
Tgt Ion: 41 Resp: 93366

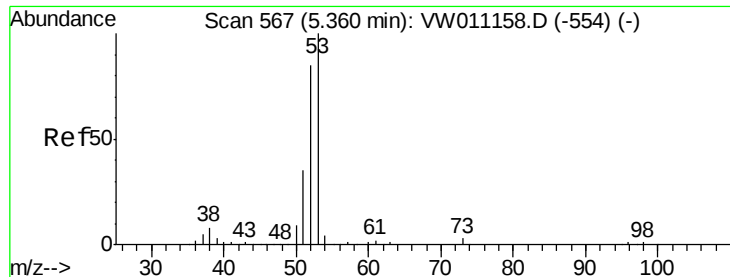
Ion Ratio Lower Upper

41 100

39 66.9 55.1 82.7

76 27.0 22.5 33.7





#15

Acrylonitrile

Concen: 116.785 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

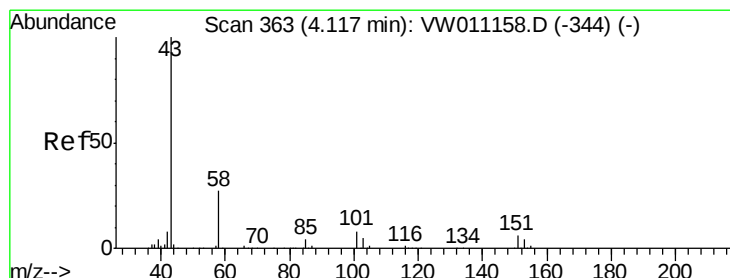
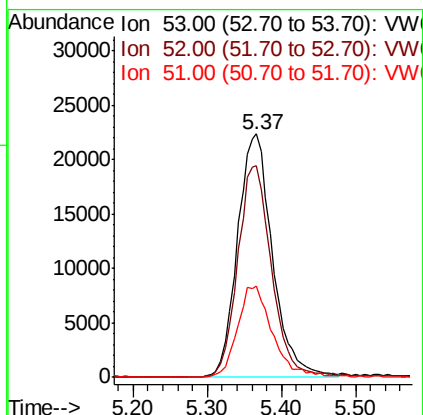
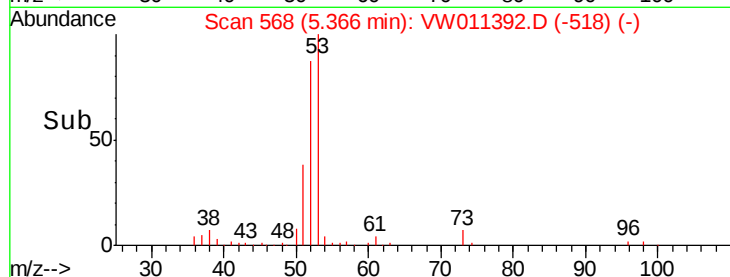
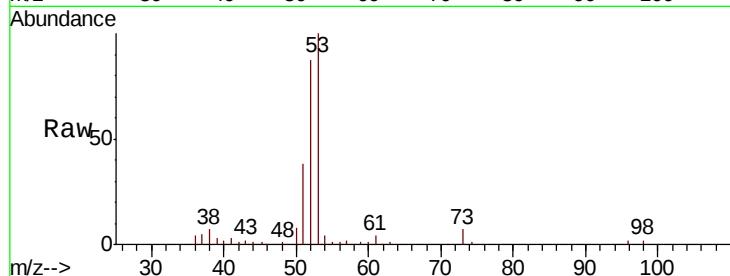
Tot Ion: 53 Resp: 73702

Ion Ratio Lower Upper

53 100

52 84.2 66.2 99.4

51 37.7 29.1 43.7



#16

Acetone

Concen: 116.794 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW011392.D

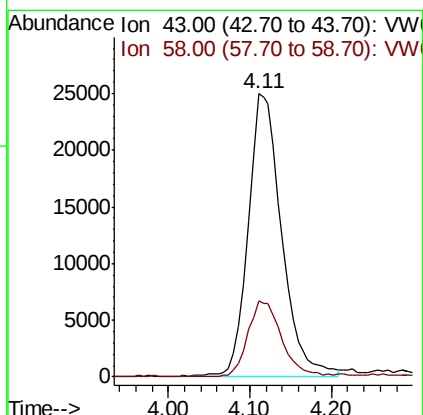
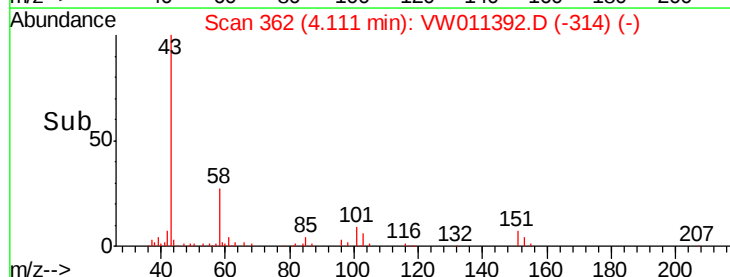
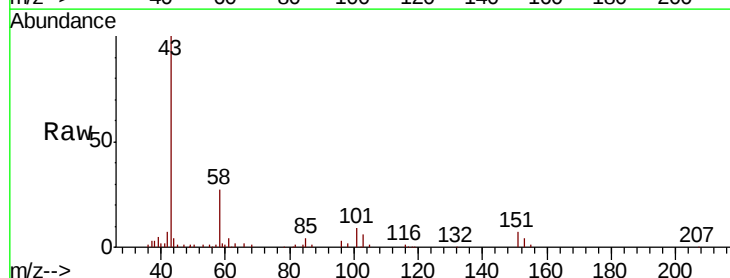
Acq: 19 Jul 2019 23:58

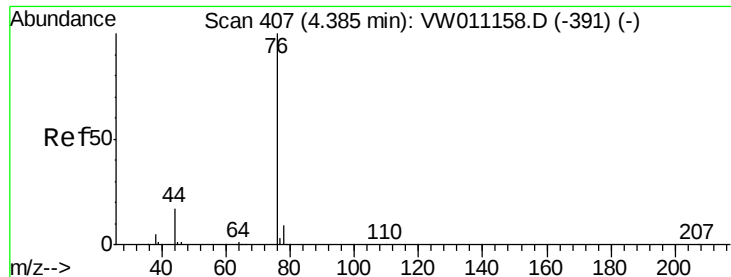
Tgt Ion: 43 Resp: 70771

Ion Ratio Lower Upper

43 100

58 27.2 21.8 32.6

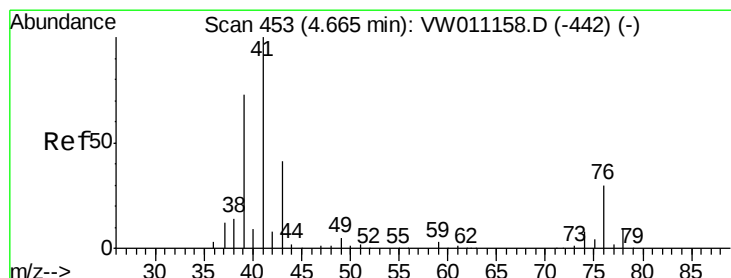
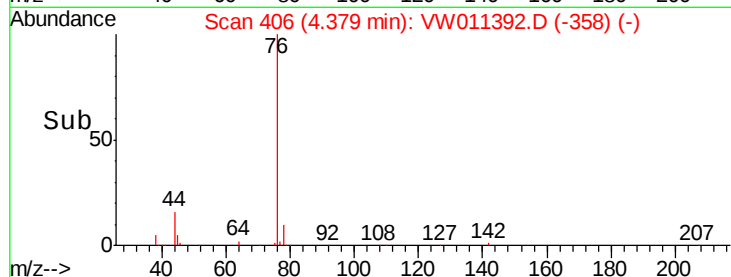
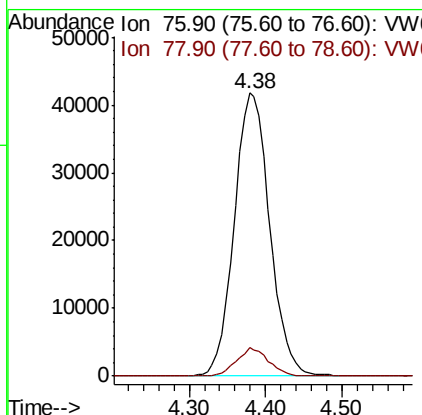
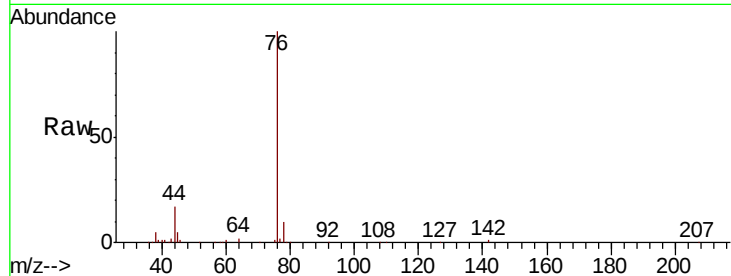




#17
Carbon Disulfide
Concen: 19.885 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

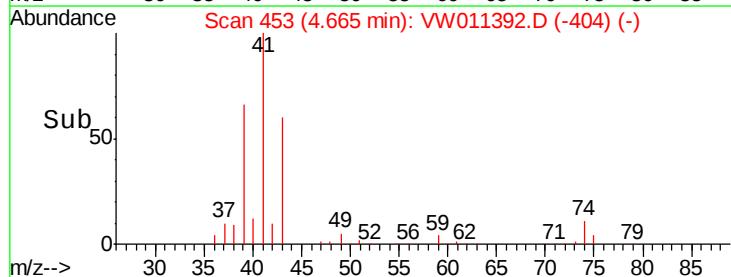
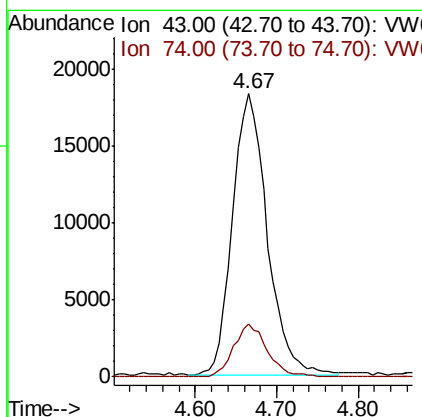
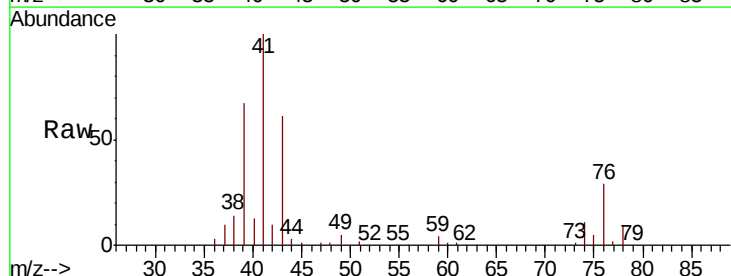
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

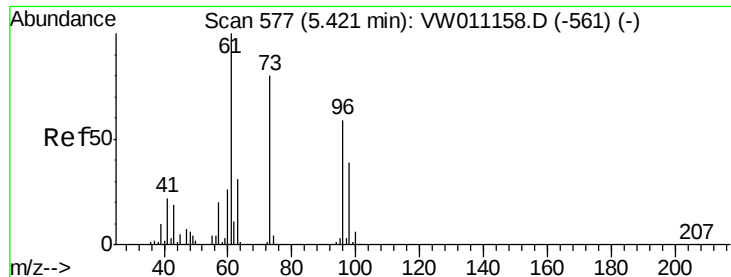
Tot Ion: 76 Resp: 134222
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7



#18
Methyl Acetate
Concen: 30.644 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion: 43 Resp: 53748
Ion Ratio Lower Upper
43 100
74 18.2 15.7 23.5

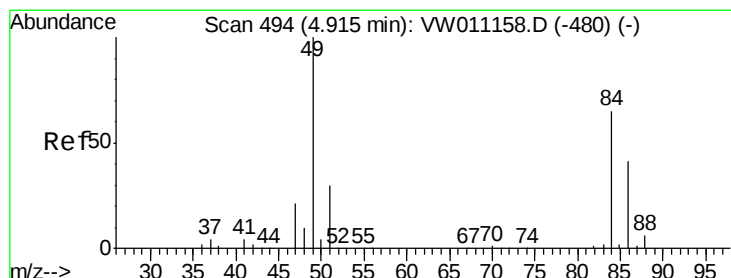
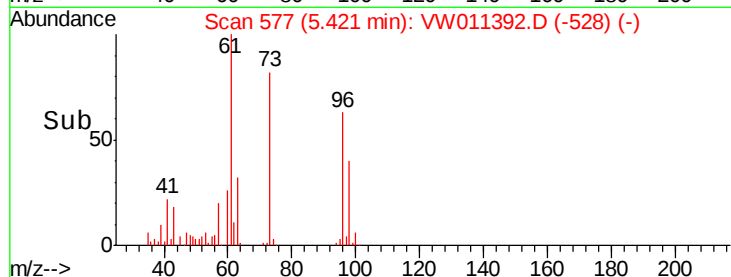
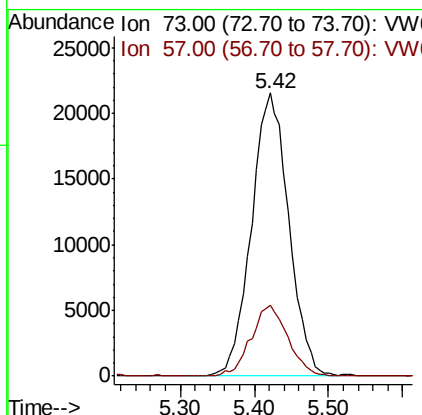
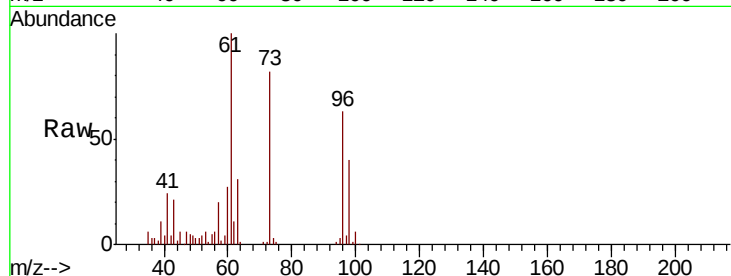




#19
Methyl tert-butyl Ether
Concen: 22.345 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

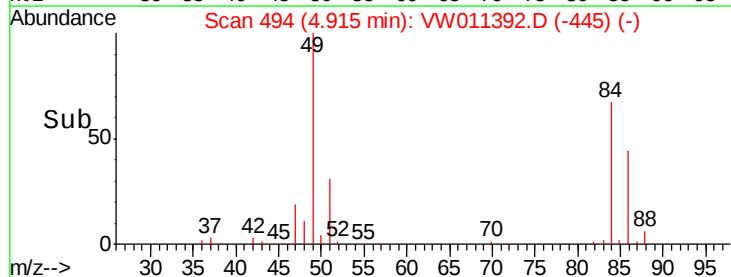
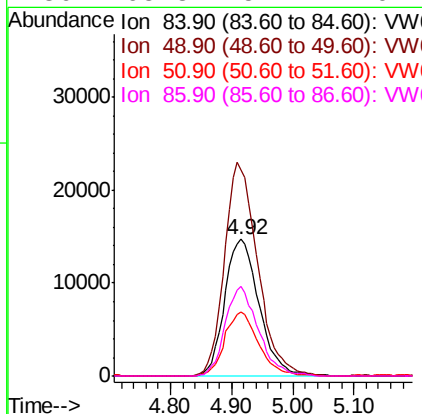
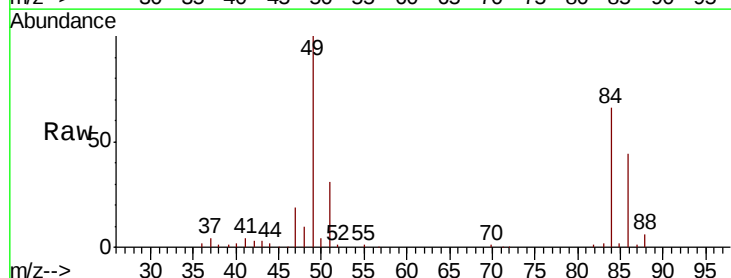
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

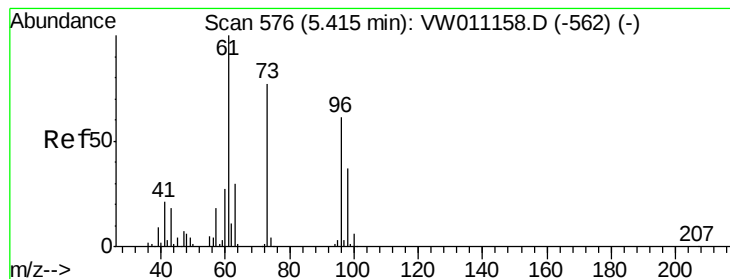
Tot Ion: 73 Resp: 75489
Ion Ratio Lower Upper
73 100
57 24.9 19.7 29.5



#20
Methylene Chloride
Concen: 24.068 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion: 84 Resp: 57533
Ion Ratio Lower Upper
84 100
49 150.8 123.8 185.6
51 46.5 37.4 56.2
86 65.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 21.820 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

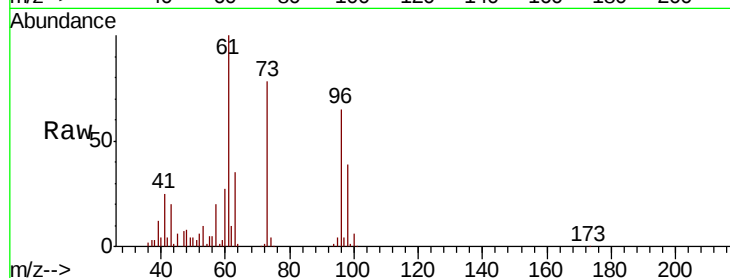
Tot Ion: 96 Resp: 50482

Ion Ratio Lower Upper

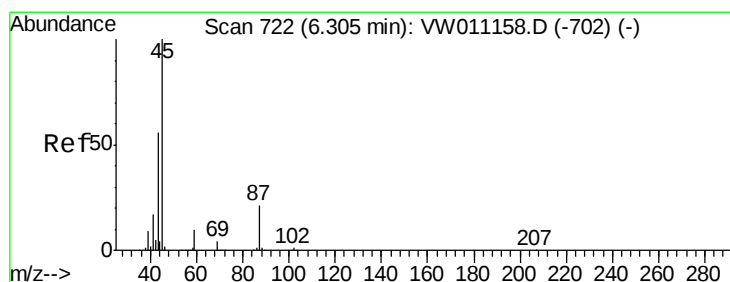
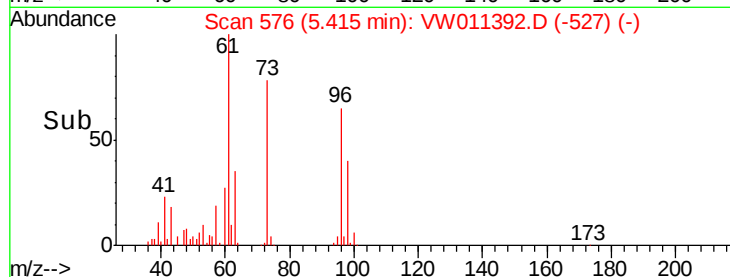
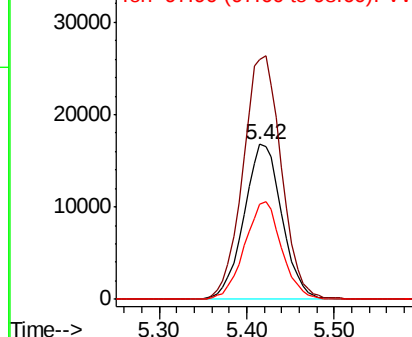
96 100

61 154.7 132.2 198.2

98 61.1 49.4 74.0



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: 22.923 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Tgt Ion: 45 Resp: 200171

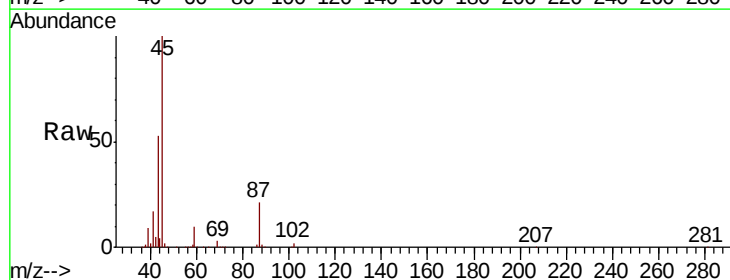
Ion Ratio Lower Upper

45 100

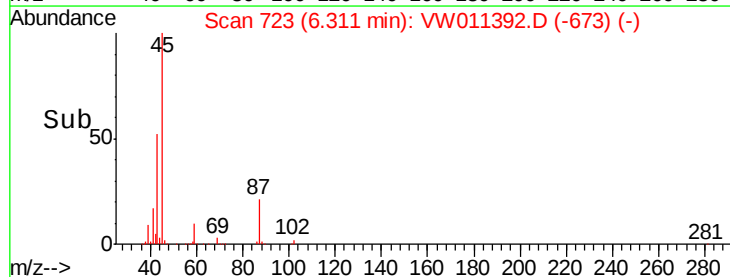
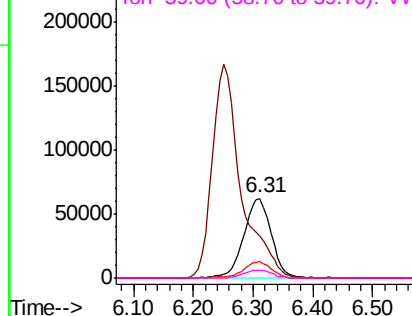
43 52.2 44.6 66.8

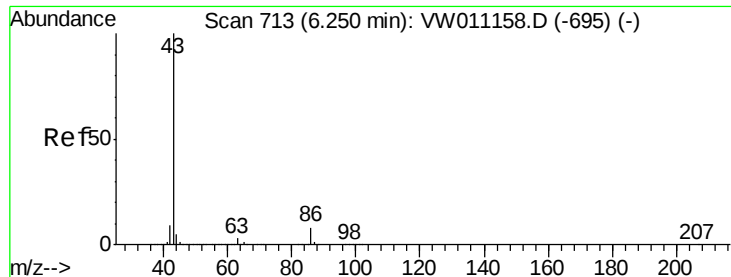
87 21.1 17.3 25.9

59 9.8 8.2 12.2



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





#23

Vinyl Acetate

Concen: 103.165 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

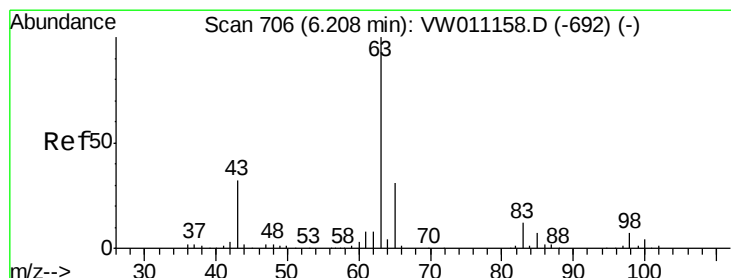
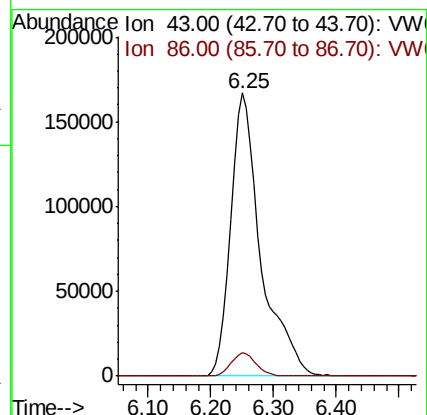
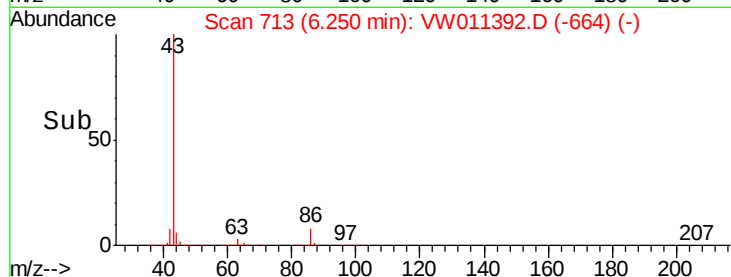
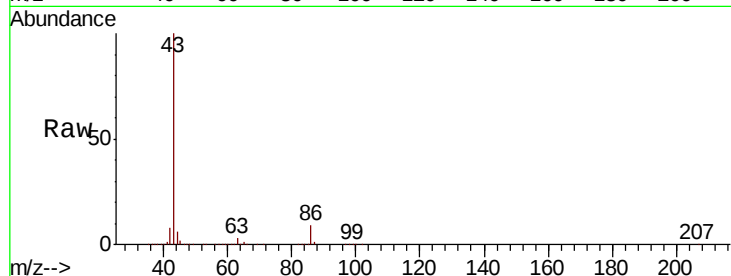
VW0720SBS01

Tot Ion: 43 Resp: 557530

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



#24

1,1-Dichloroethane

Concen: 22.134 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

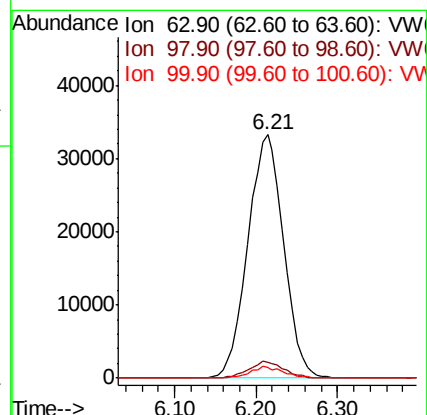
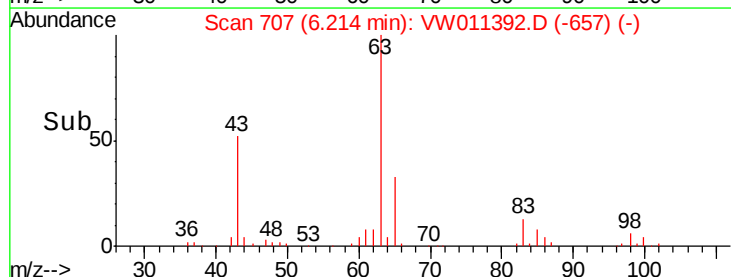
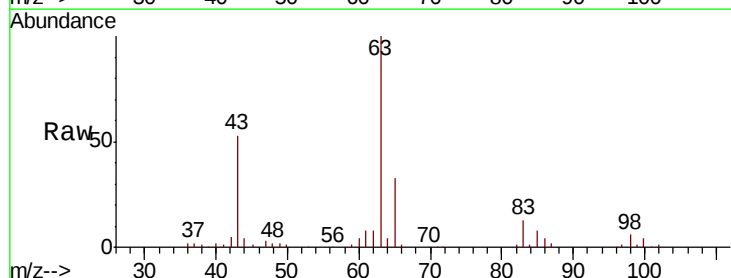
Tgt Ion: 63 Resp: 101495

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 4.1 2.1 6.2

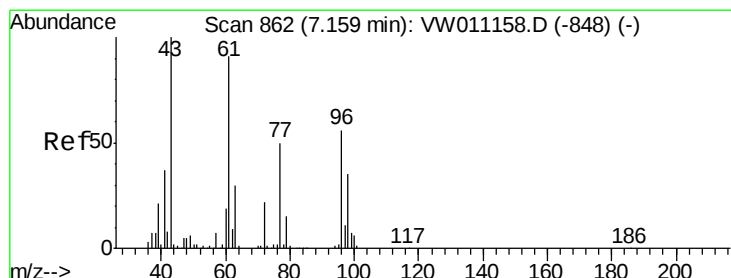
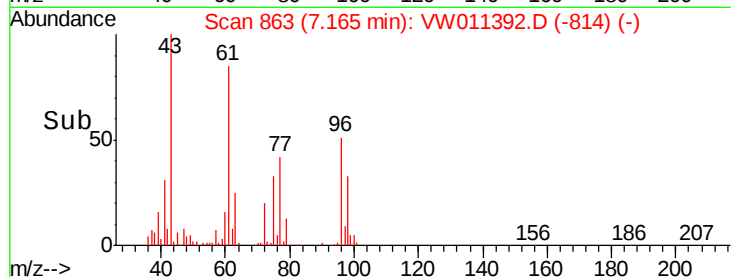
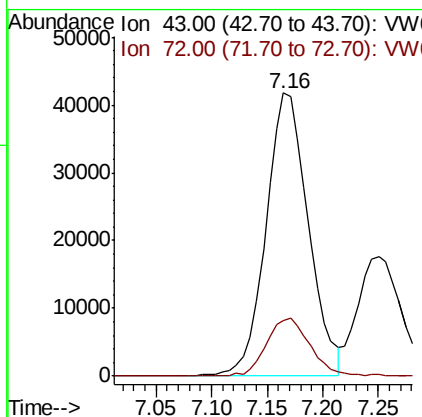
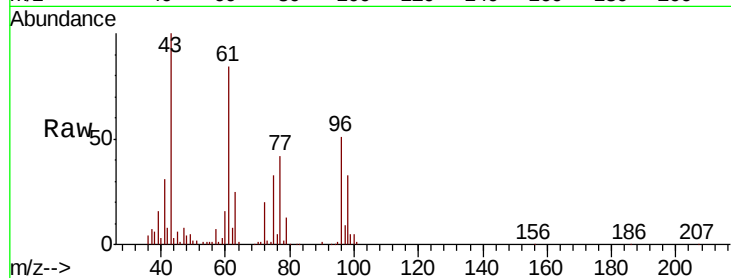




#25
2-Butanone
Concen: 115.642 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

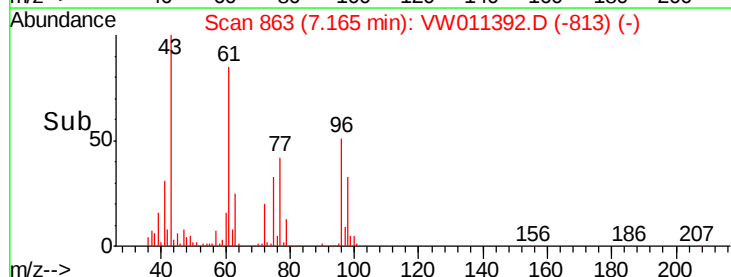
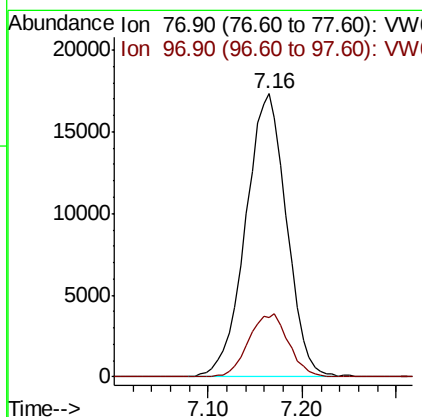
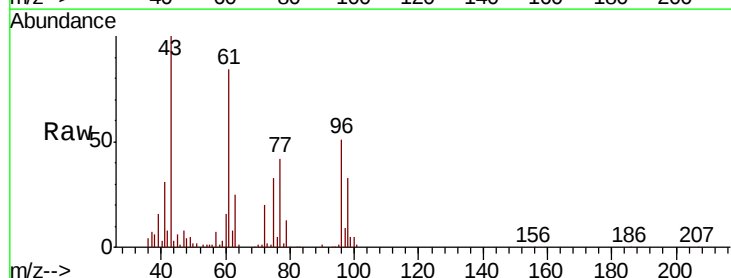
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

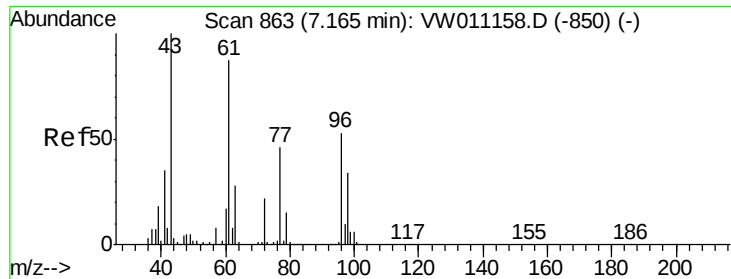
Tot Ion: 43 Resp: 109996
Ion Ratio Lower Upper
43 100
72 19.7 17.6 26.4



#26
2,2-Dichloropropane
Concen: 22.130 ug/l
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion: 77 Resp: 52749
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.5



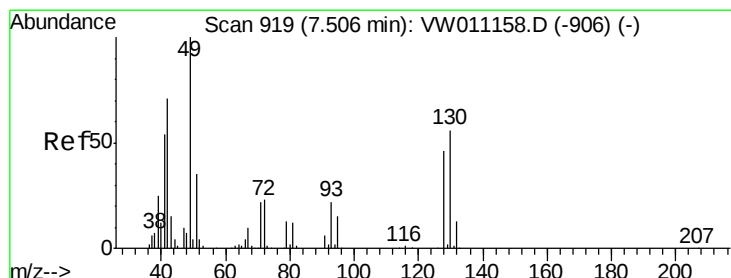
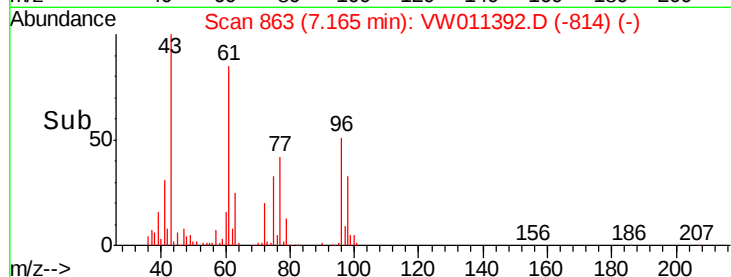
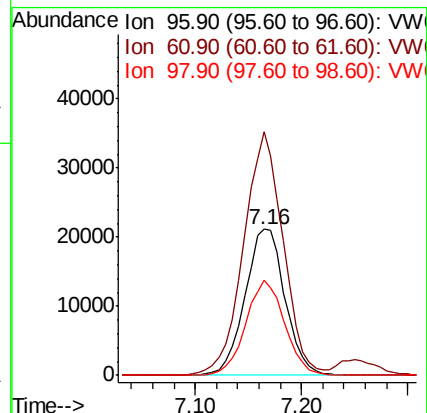
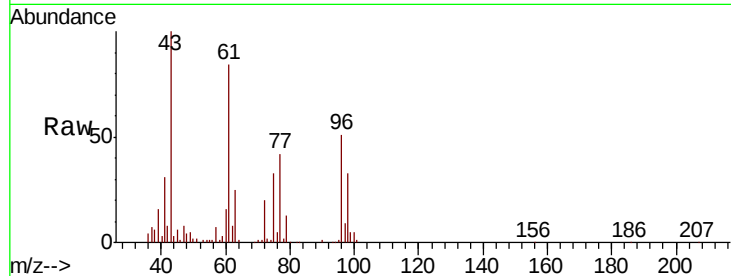


#27

cis-1,2-Dichloroethene
 Concen: 22.319 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

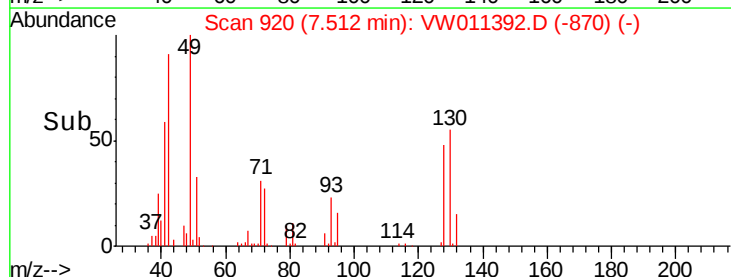
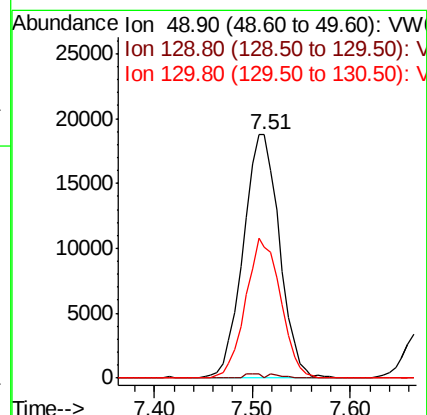
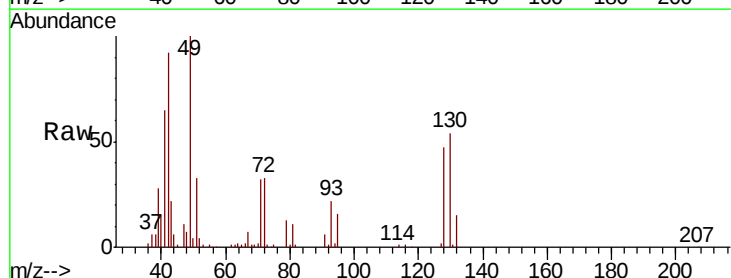
Tot Ion	Ratio	Lower	Upper
96	100		
61	164.2	0.0	325.6
98	62.9	0.0	128.2

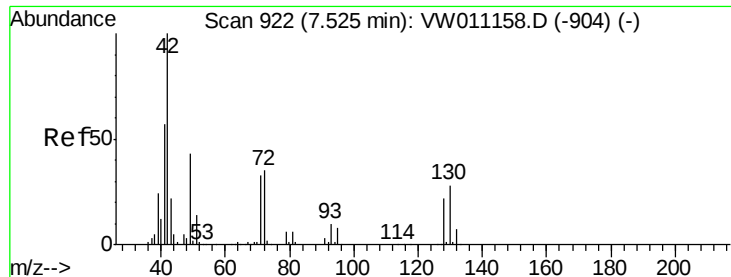


#28

Bromochloromethane
 Concen: 23.130 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	0.0	45.8	68.8#

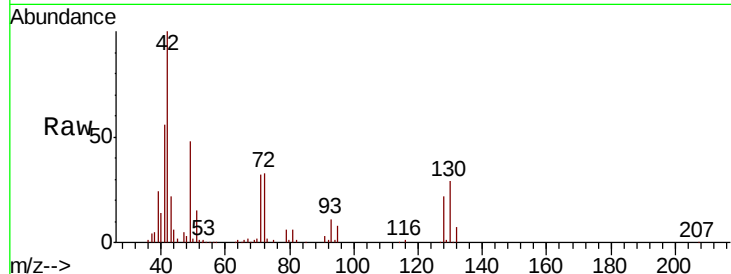




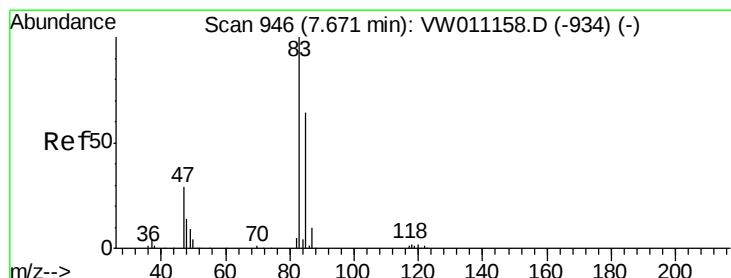
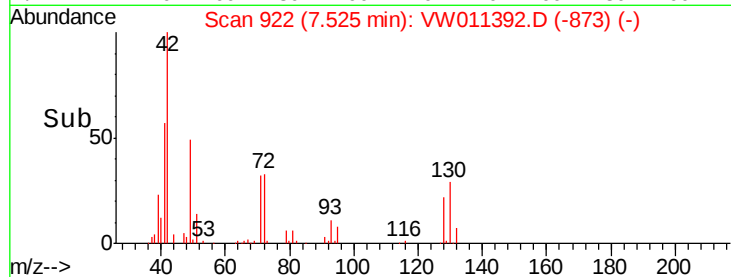
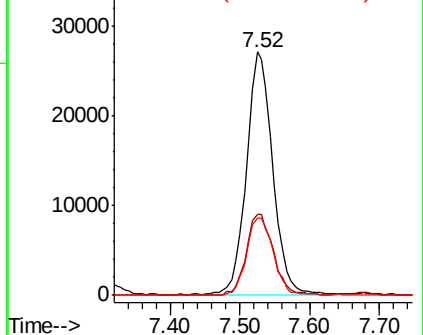
#29
Tetrahydrofuran
Concen: 112.483 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

Tot Ion: 42 Resp: 70155
Ion Ratio Lower Upper
42 100
72 34.6 27.4 41.2
71 33.0 25.9 38.9

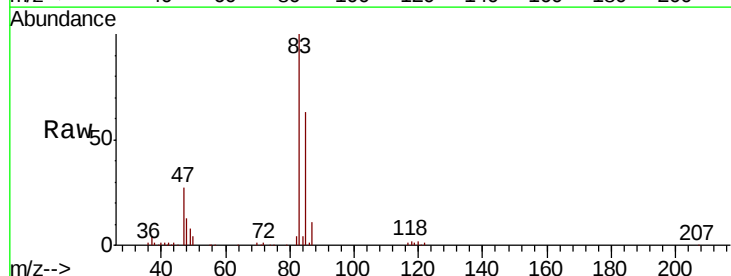


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

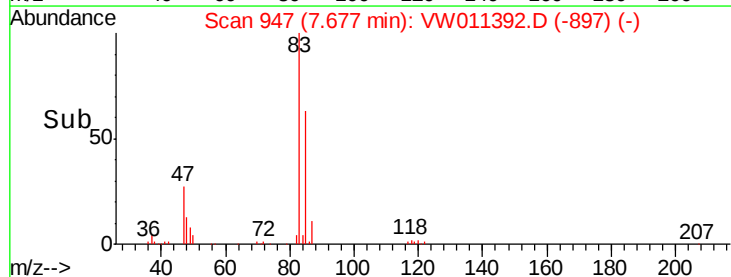
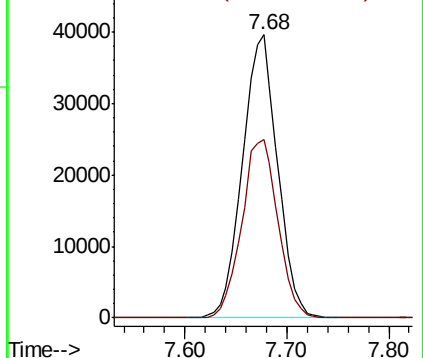


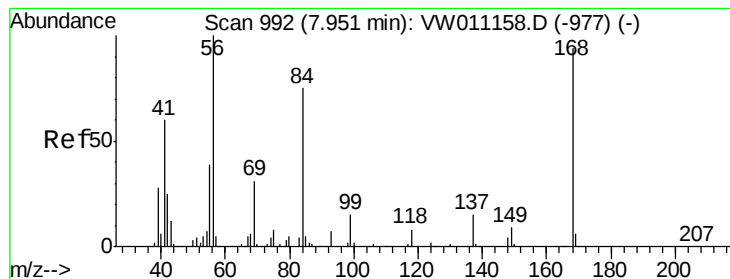
#30
Chloroform
Concen: 22.288 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion: 83 Resp: 94650
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.2



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





#31

Cyclohexane

Concen: 19.653 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

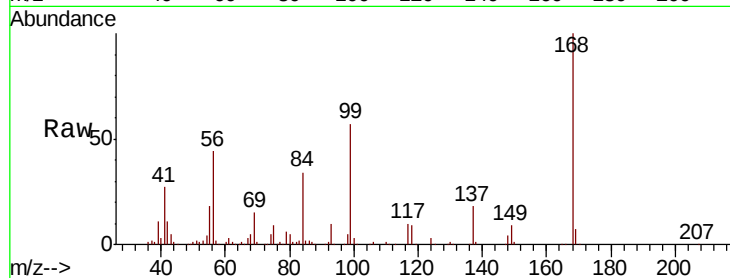
Tot Ion: 56 Resp: 95875

Ion Ratio Lower Upper

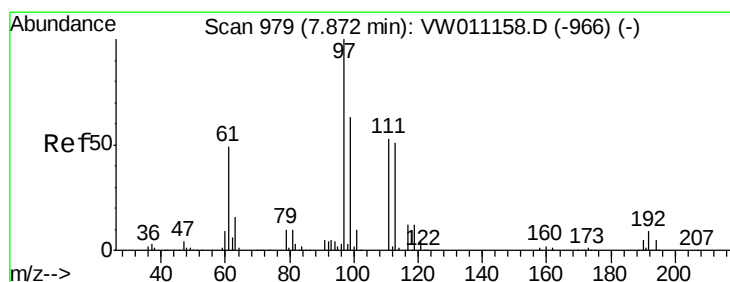
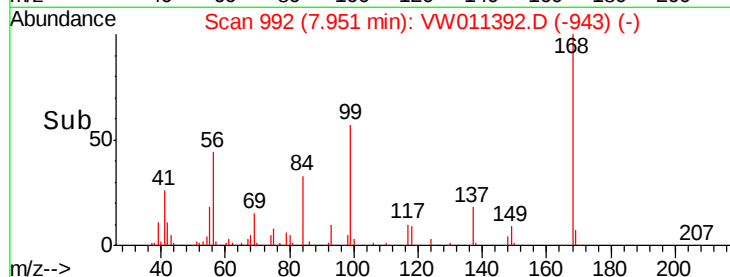
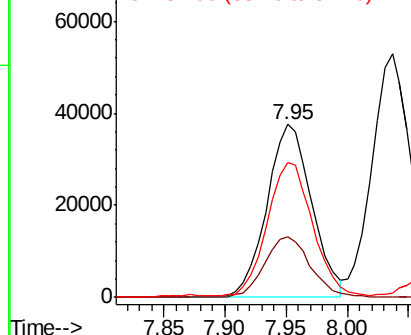
56 100

69 35.4 24.6 36.8

84 76.2 60.1 90.1



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



#32

1,1,1-Trichloroethane

Concen: 21.926 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

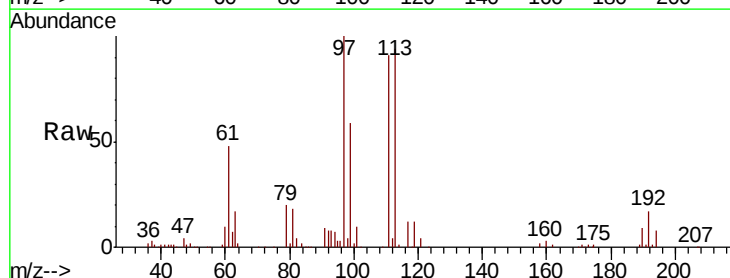
Tgt Ion: 97 Resp: 70831

Ion Ratio Lower Upper

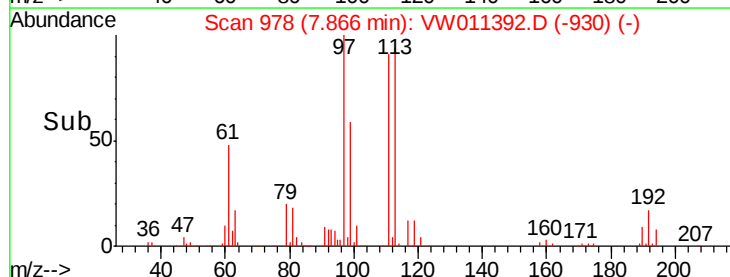
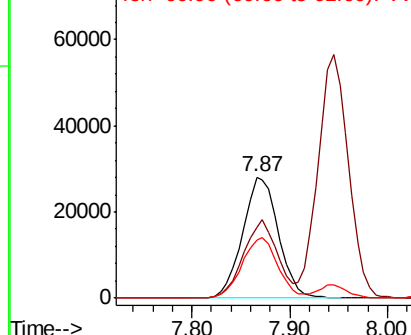
97 100

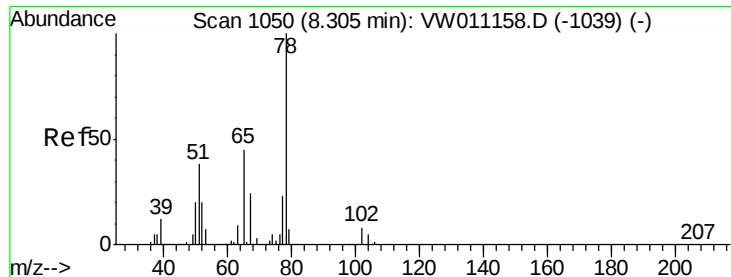
99 61.6 51.0 76.4

61 50.3 40.4 60.6



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

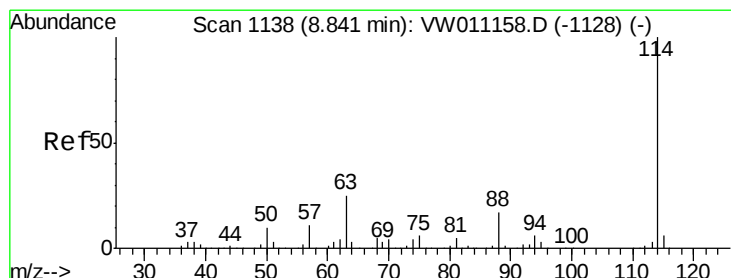
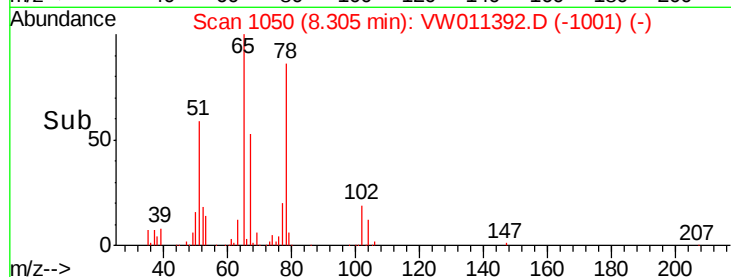
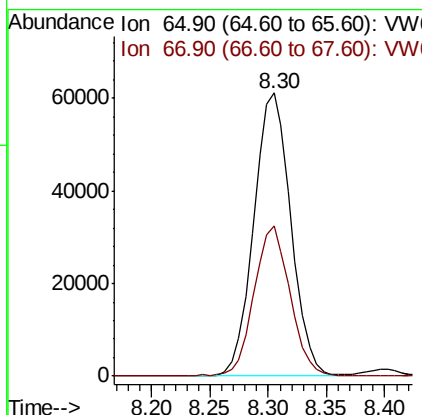
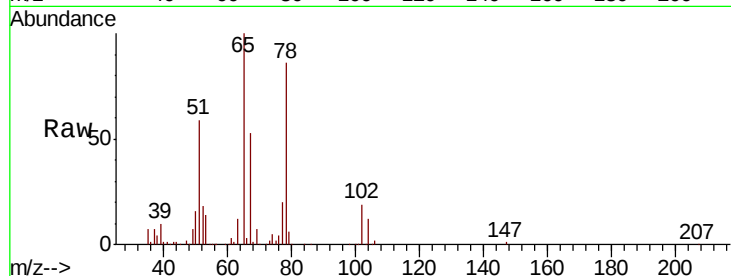




#33
 1,2-Dichloroethane-d4
 Concen: 53.916 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

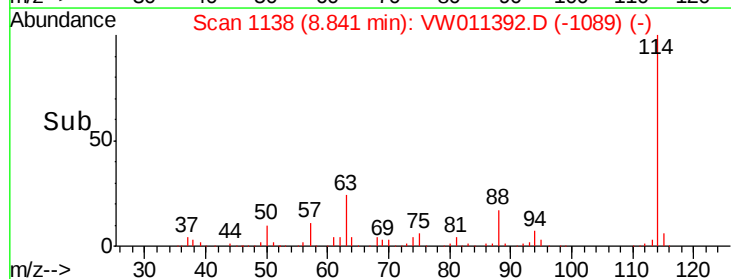
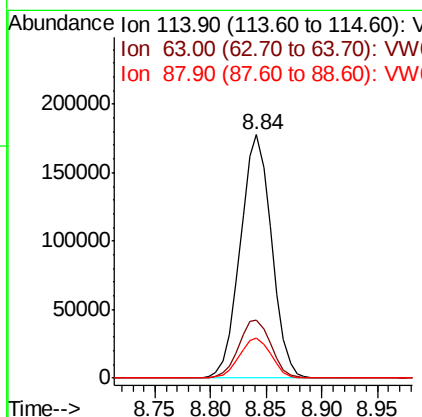
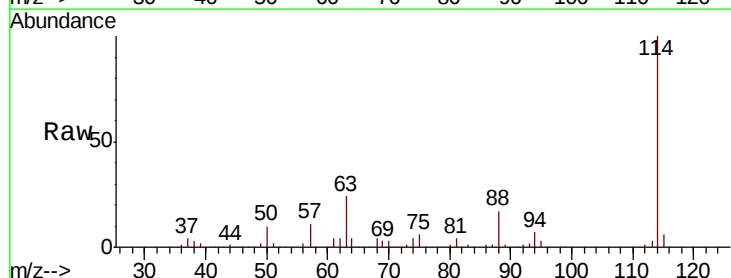
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

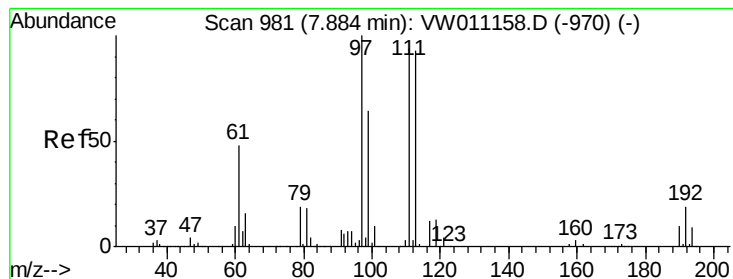
Tot Ion: 65 Resp: 135779
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion: 114 Resp: 346911
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.8
 88 16.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.994 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

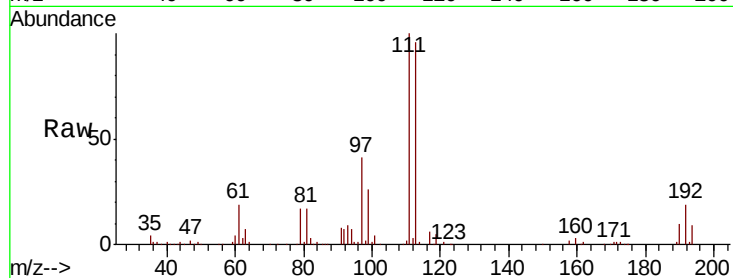
Tot Ion:113 Resp: 107510

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

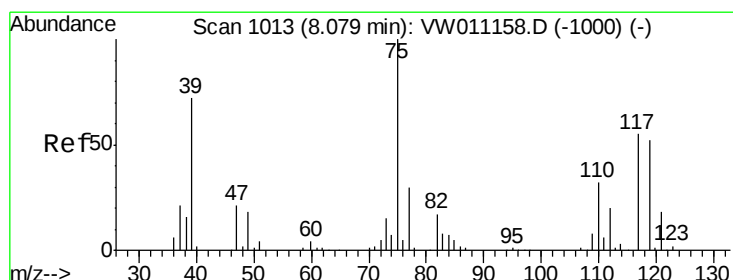
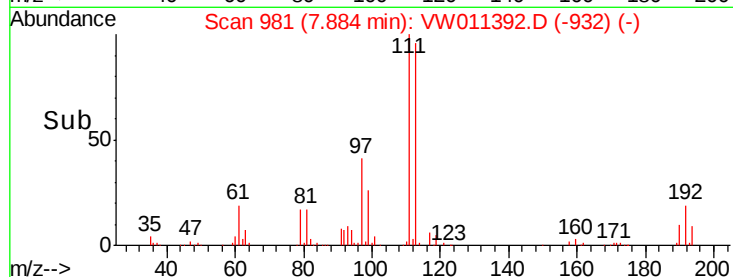
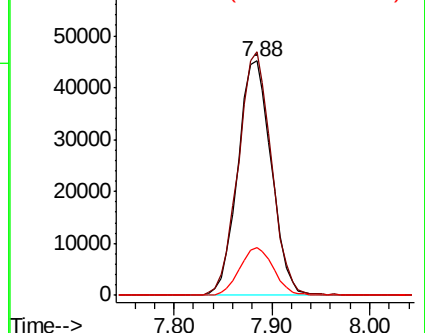
192 20.4 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.867 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

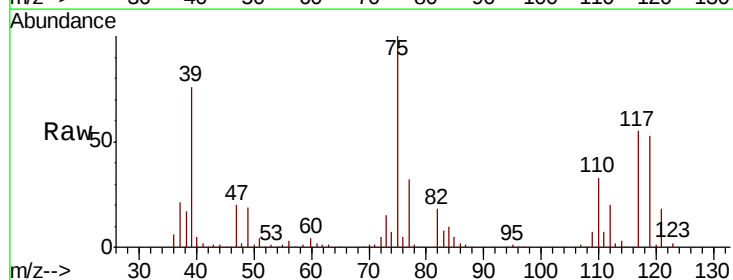
Tgt Ion: 75 Resp: 73393

Ion Ratio Lower Upper

75 100

110 31.9 15.9 47.6

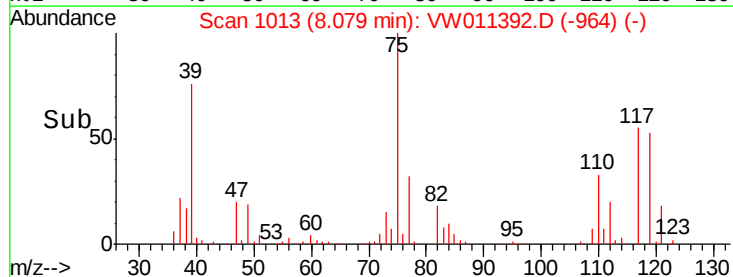
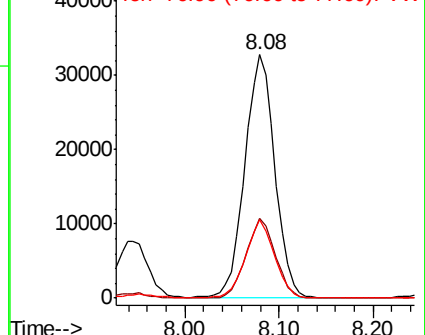
77 31.2 24.6 36.8

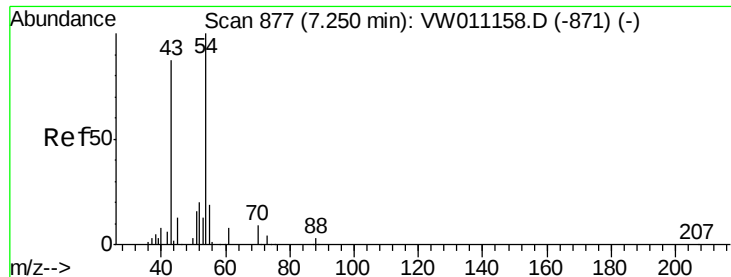


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

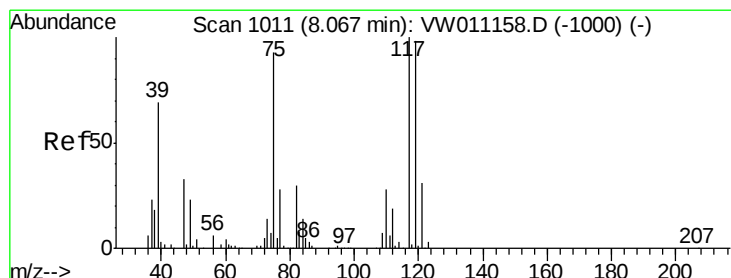
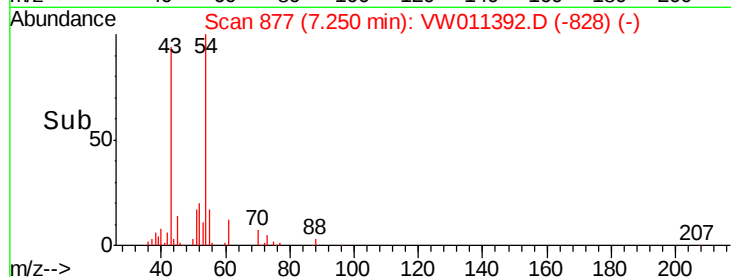
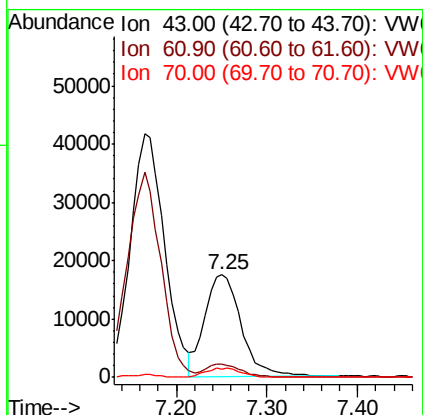
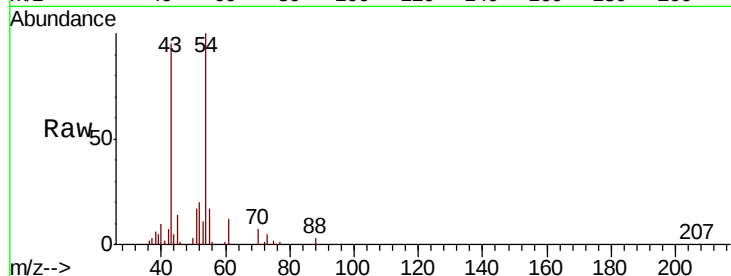




#37
Ethyl Acetate
Concen: 22.071 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

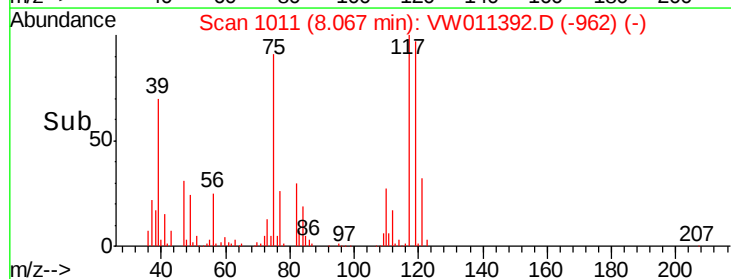
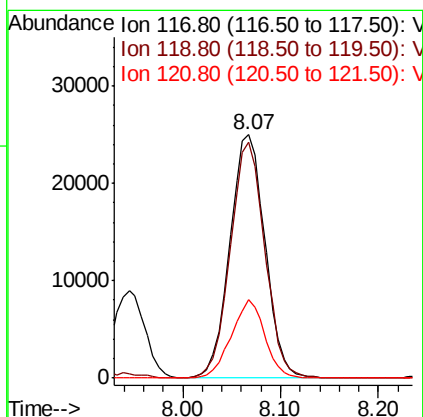
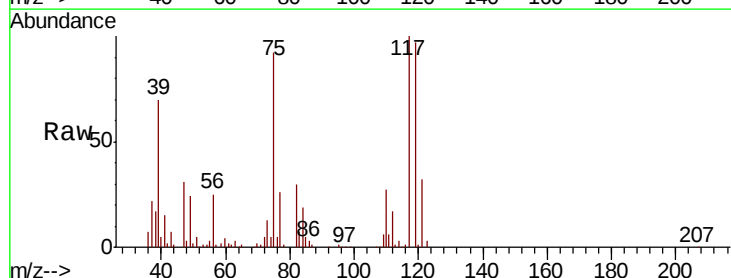
Instrument :
MSVOA_W
ClientSampled :
VW0720SBS01

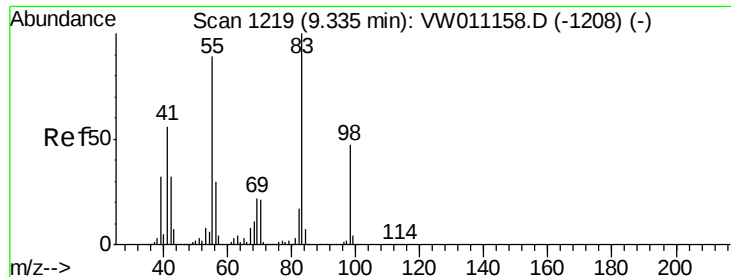
Tot Ion: 43 Resp: 48989
Ion Ratio Lower Upper
43 100
61 12.8 9.5 14.3
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.870 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion: 117 Resp: 62227
Ion Ratio Lower Upper
117 100
119 97.1 78.1 117.1
121 32.2 25.1 37.7

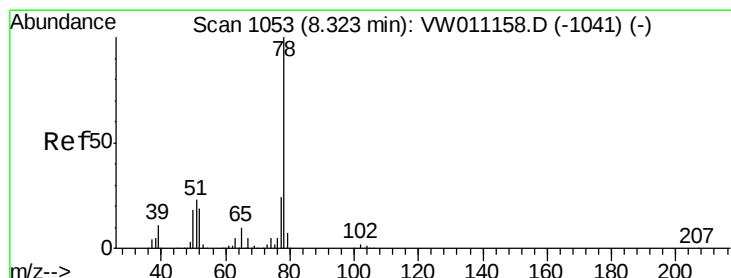
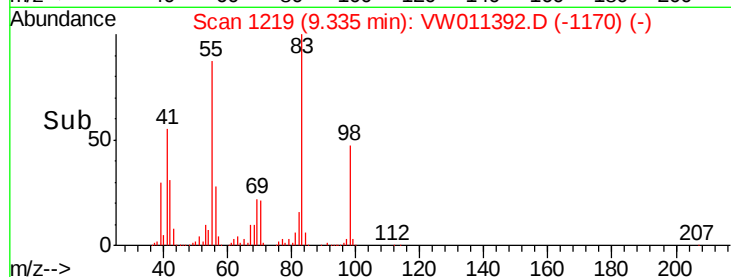
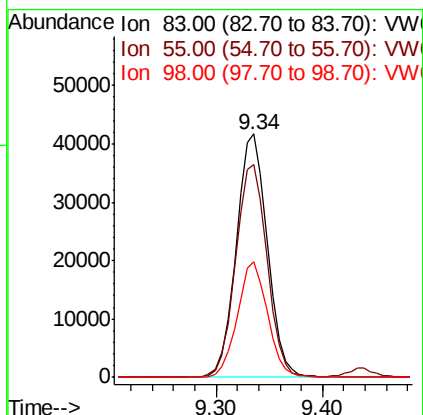
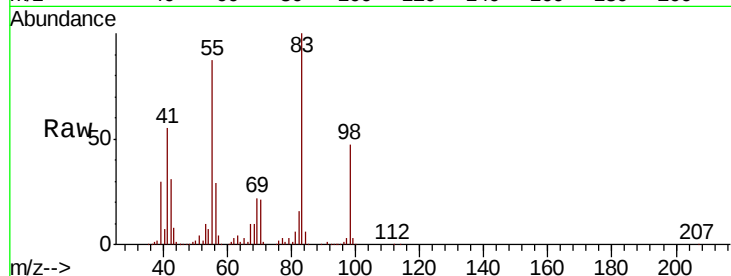




#39
Methvlcvclohexane
Concen: 19.078 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

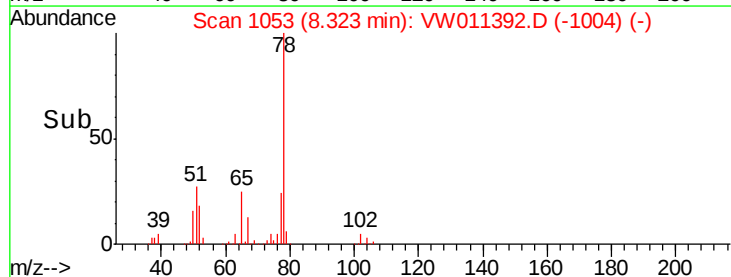
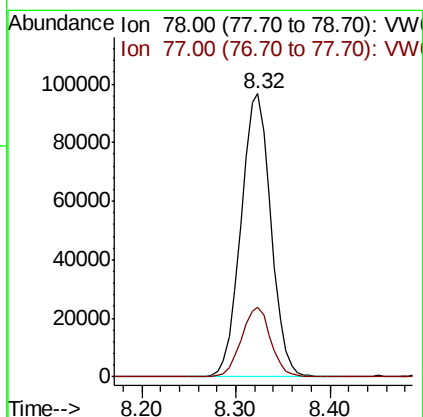
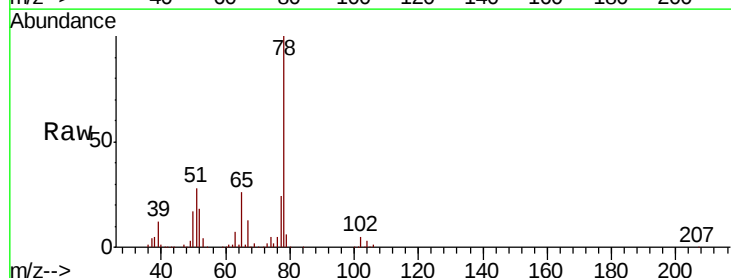
Instrument :
MSVOA_W
ClientSampled :
VW0720SBS01

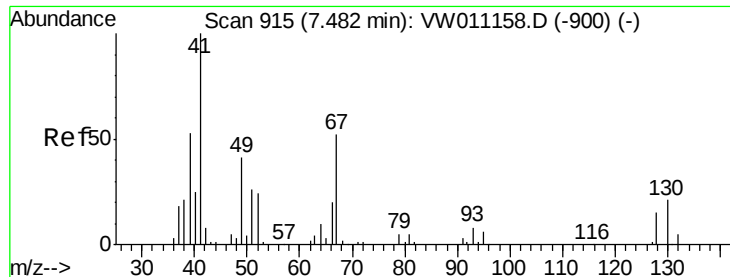
Tot Ion: 83 Resp: 85426
Ion Ratio Lower Upper
83 100
55 87.2 71.2 106.8
98 47.5 37.5 56.3



#40
Benzene
Concen: 21.058 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion: 78 Resp: 214995
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





#41

Methacrylonitrile

Concen: 25.688 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

Tot Ion: 41 Resp: 32610

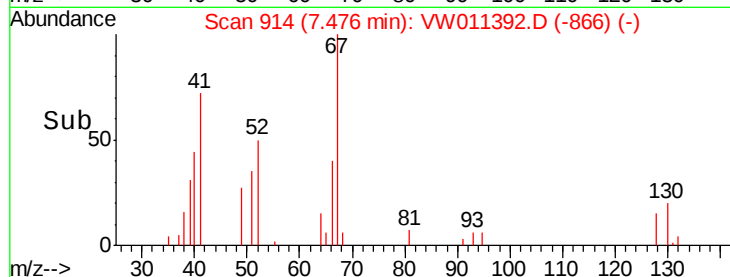
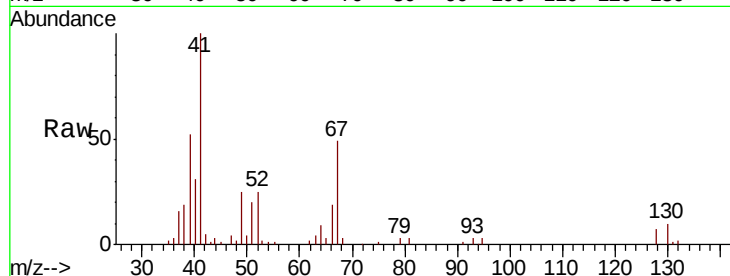
Ion Ratio Lower Upper

41 100

39 46.6 48.0 72.0#

67 48.9 49.7 74.5#

52 23.8 23.4 35.0

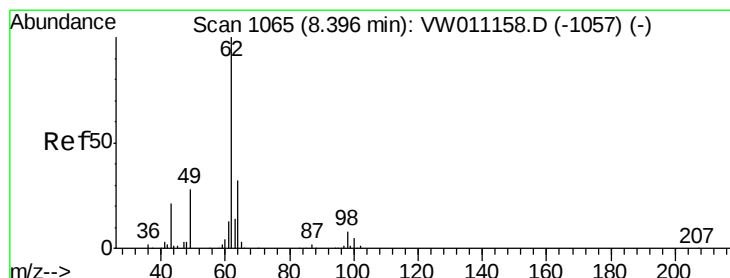
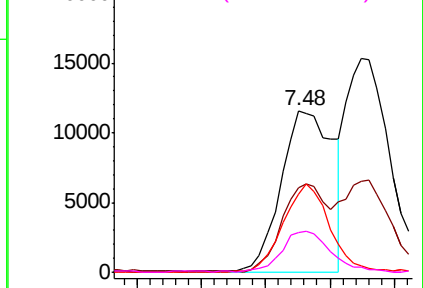


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 21.448 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011392.D

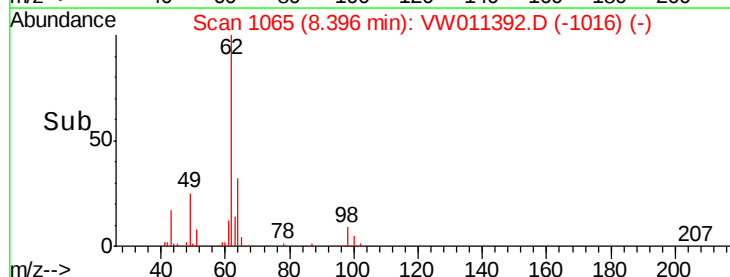
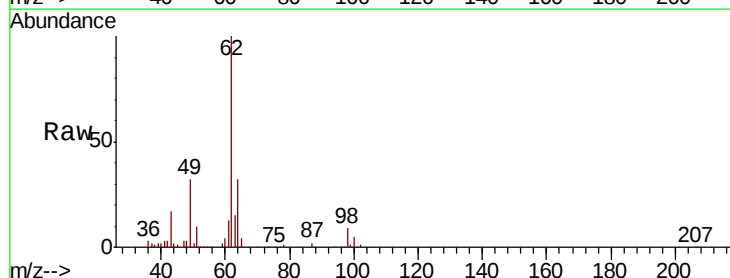
Acq: 19 Jul 2019 23:58

Tgt Ion: 62 Resp: 71033

Ion Ratio Lower Upper

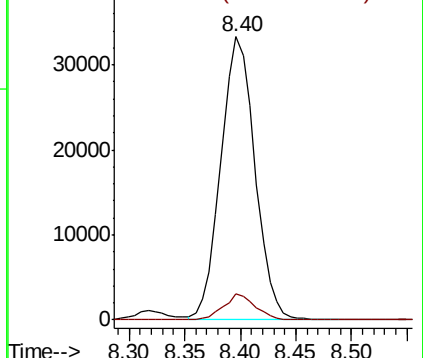
62 100

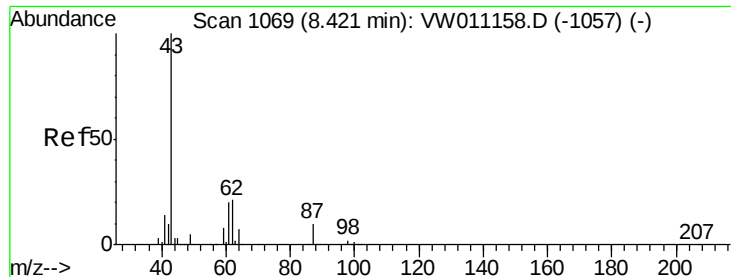
98 8.6 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.000 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampled :

VW0720SBS01

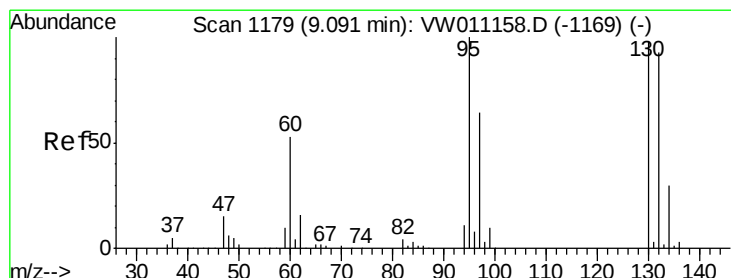
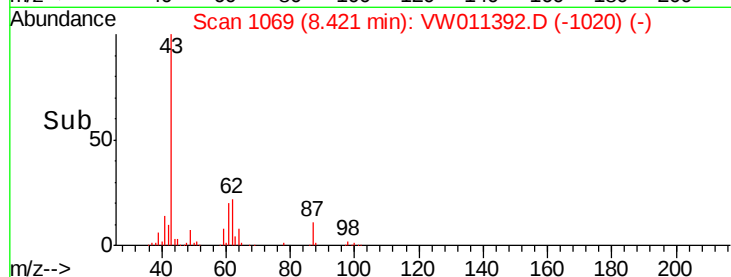
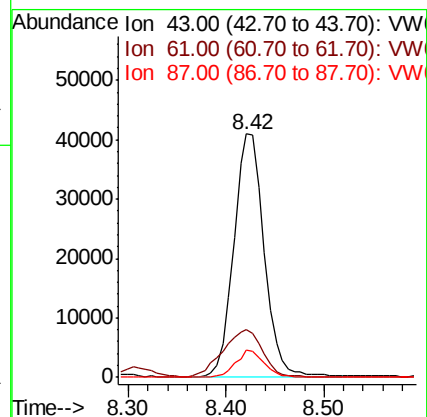
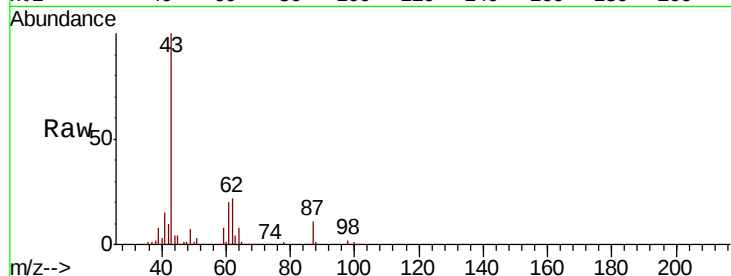
Tot Ion: 43 Resp: 88001

Ion Ratio Lower Upper

43 100

61 26.1 20.7 31.1

87 10.5 8.1 12.1



#44

Trichloroethene

Concen: 20.150 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011392.D

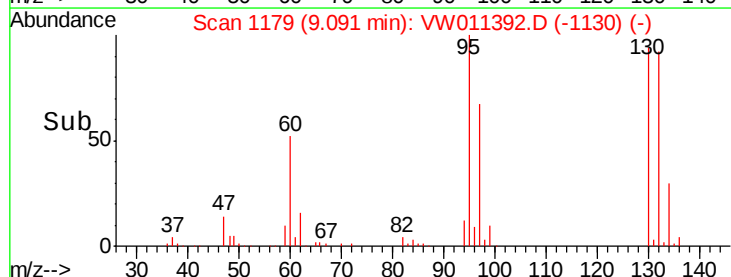
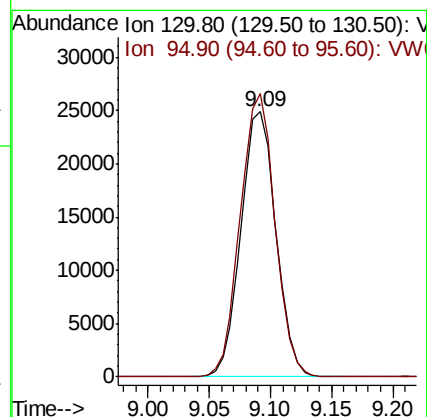
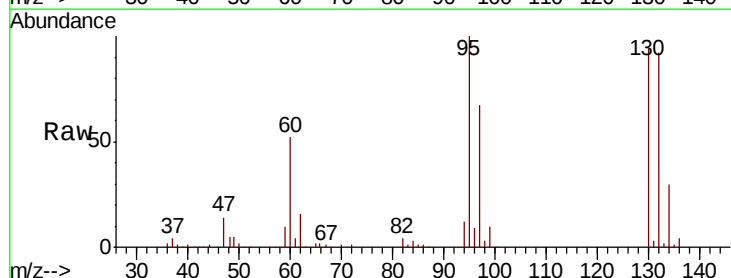
Acq: 19 Jul 2019 23:58

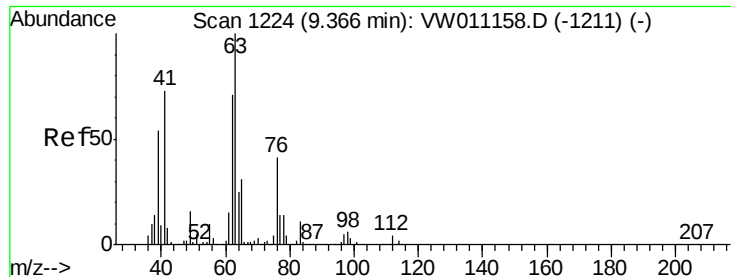
Tgt Ion: 130 Resp: 49506

Ion Ratio Lower Upper

130 100

95 106.8 0.0 203.6

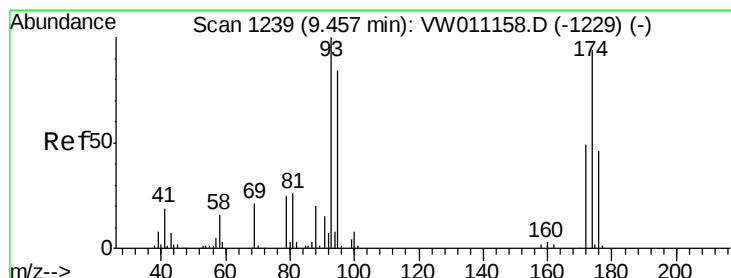
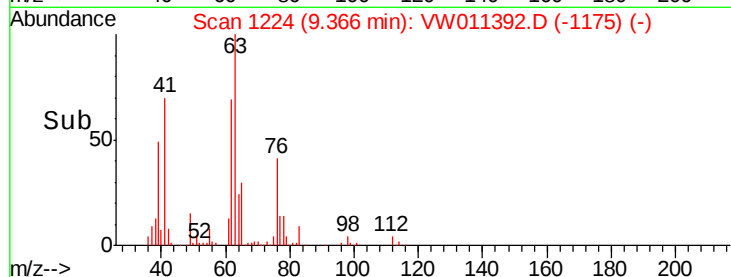
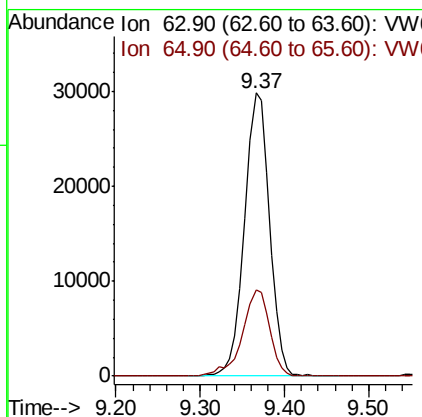
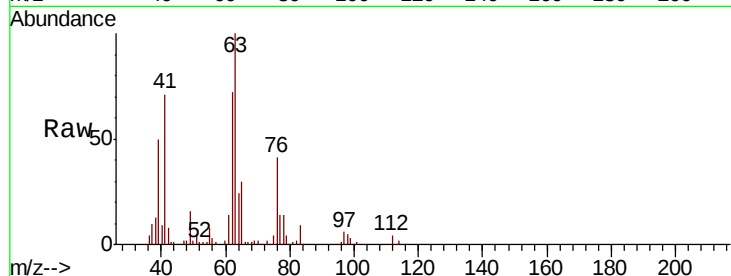




#45
 1,2-Dichloropropane
 Concen: 21.559 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

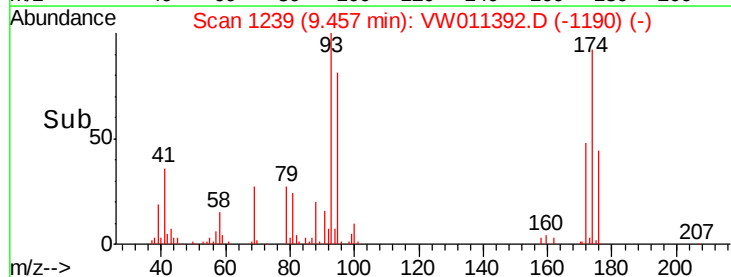
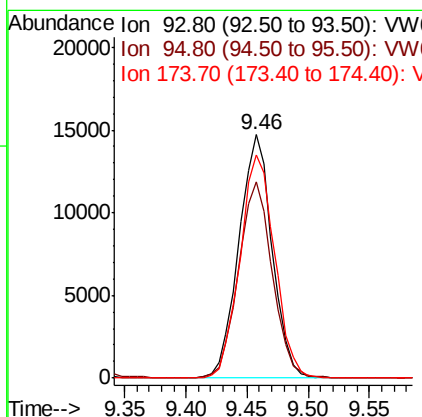
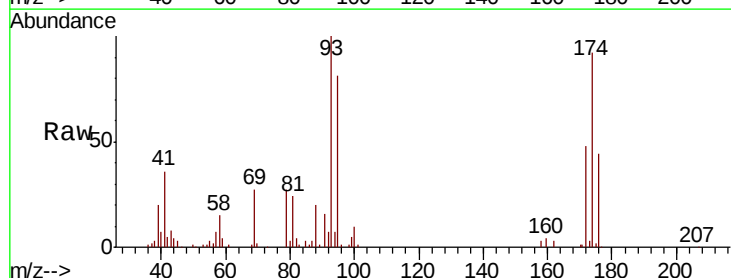
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

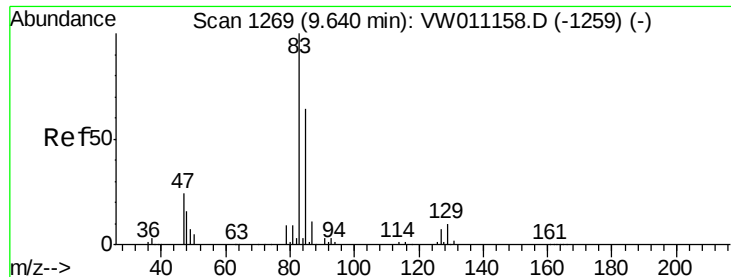
Tot Ion: 63 Resp: 59605
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6



#46
 Dibromomethane
 Concen: 21.399 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion: 93 Resp: 27791
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.2 100.8
 174 95.3 76.3 114.5

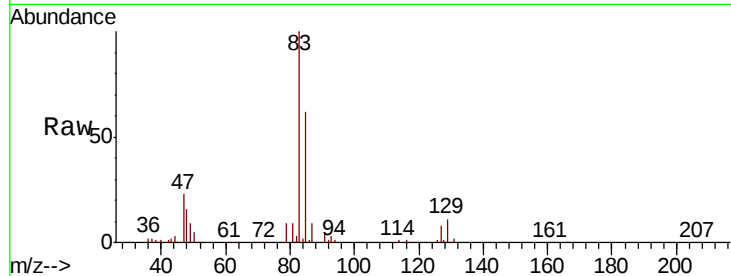




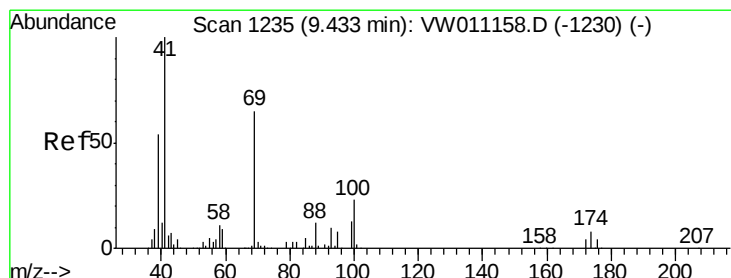
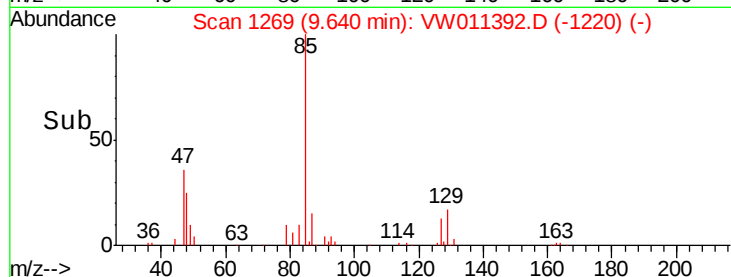
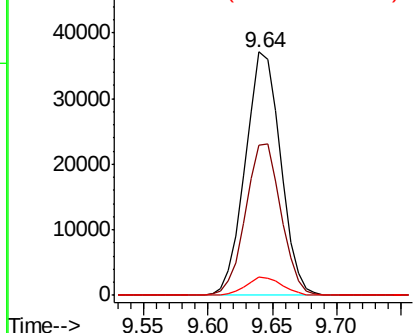
#47
Bromodichloromethane
Concen: 21.187 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

Tot Ion: 83 Resp: 70404
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.4
127 7.8 6.0 9.0

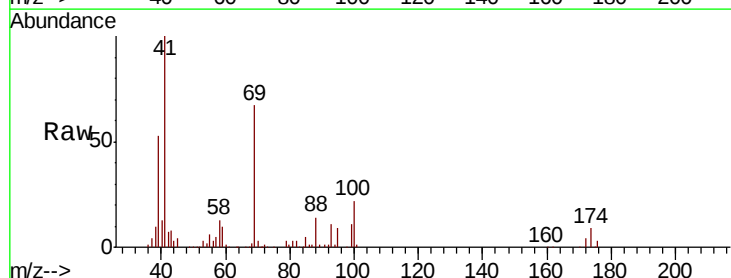


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

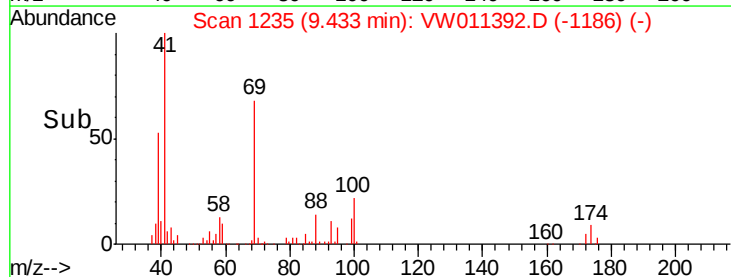
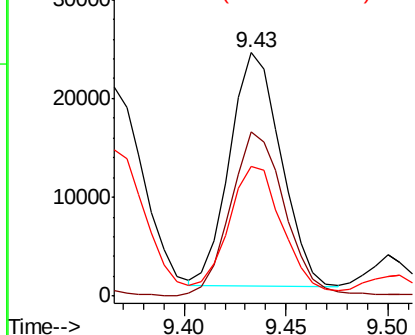


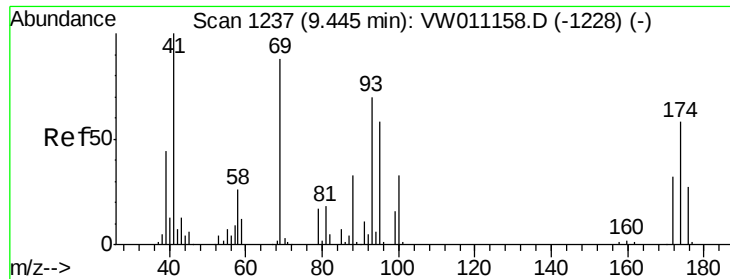
#48
Methyl methacrylate
Concen: 20.444 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion: 41 Resp: 41217
Ion Ratio Lower Upper
41 100
69 73.8 56.0 84.0
39 53.6 43.5 65.3



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: 460.237 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

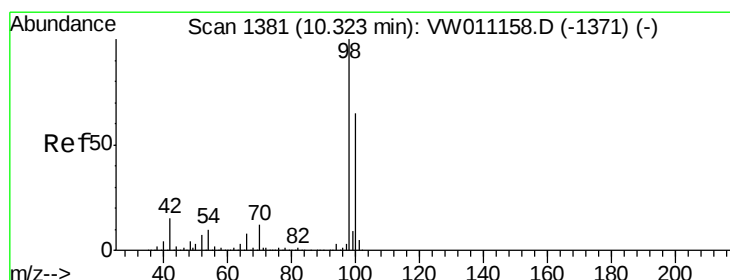
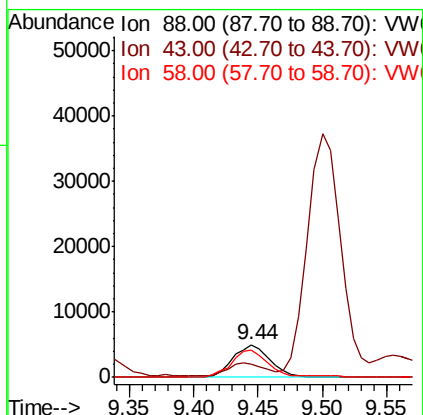
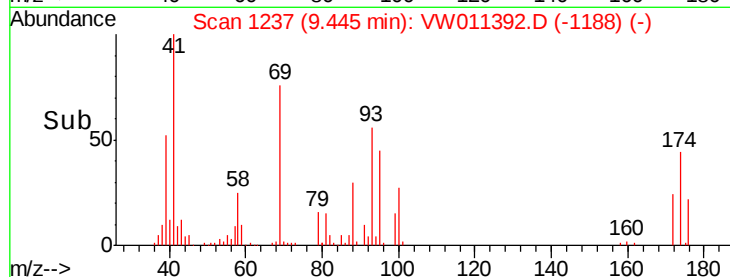
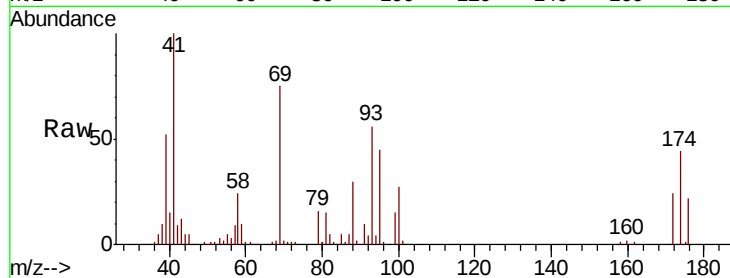
Tot Ion: 88 Resp: 9977

Ion Ratio Lower Upper

88 100

43 41.2 33.4 50.0

58 85.3 64.5 96.7



#50

Toluene-d8

Concen: 51.000 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011392.D

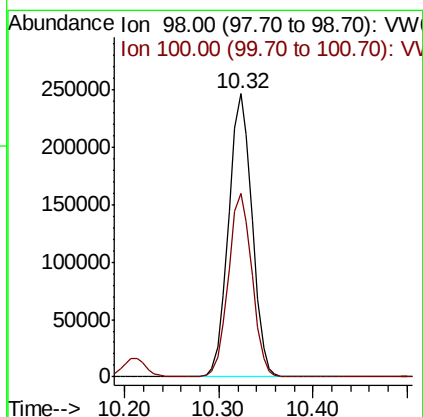
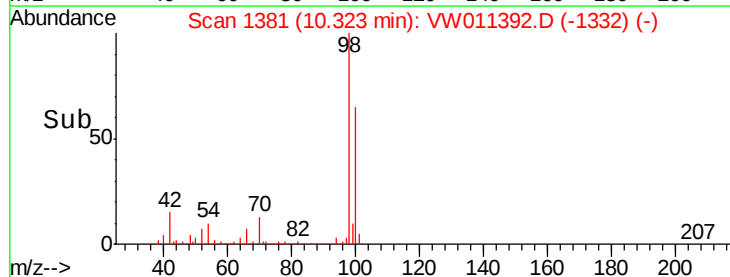
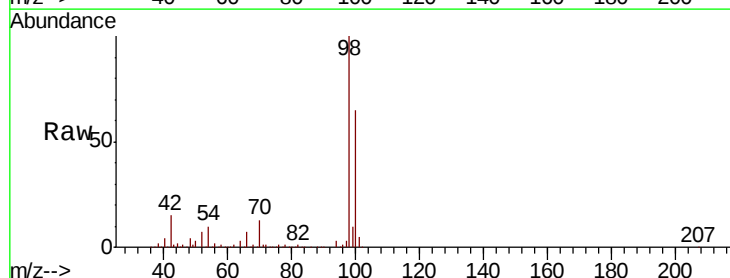
Acq: 19 Jul 2019 23:58

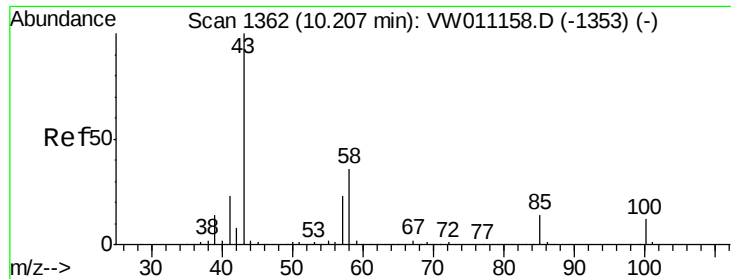
Tgt Ion: 98 Resp: 426264

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 108.809 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampled :

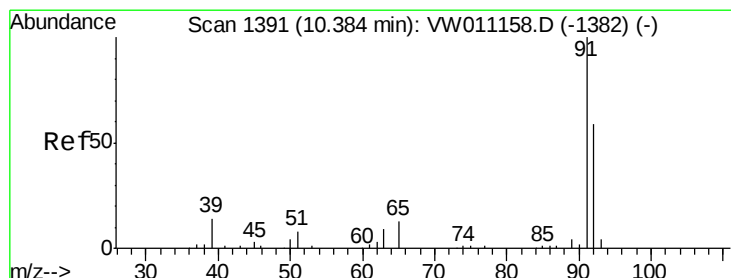
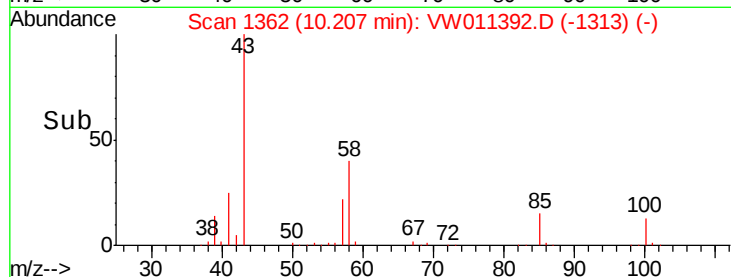
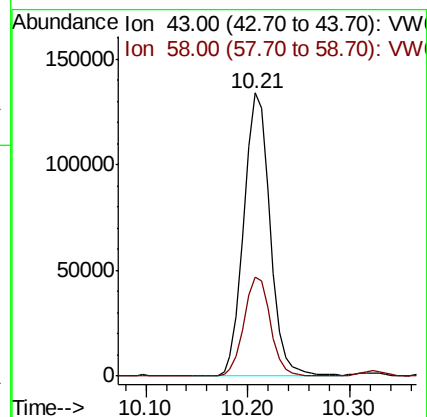
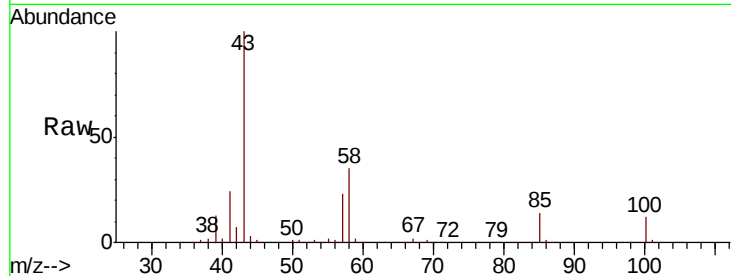
VW0720SBS01

Tot Ion: 43 Resp: 238191

Ion Ratio Lower Upper

43 100

58 35.4 28.2 42.2



#52

Toluene

Concen: 20.960 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011392.D

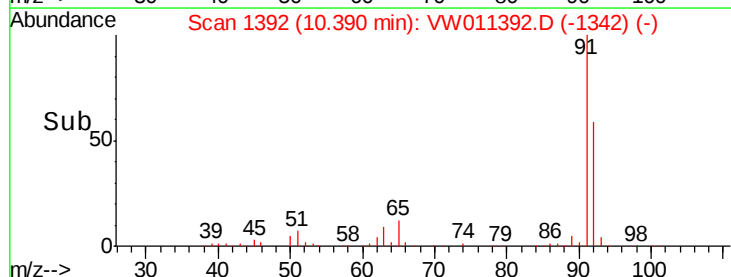
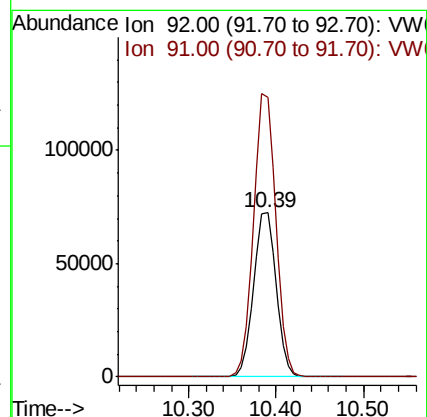
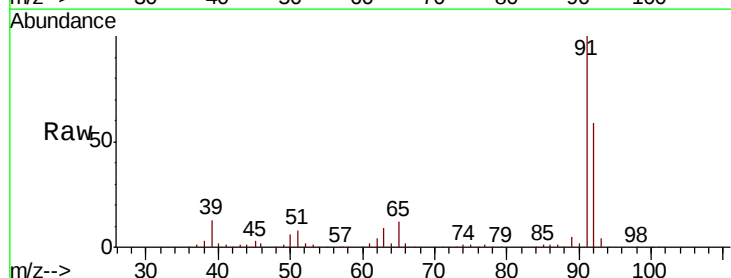
Acq: 19 Jul 2019 23:58

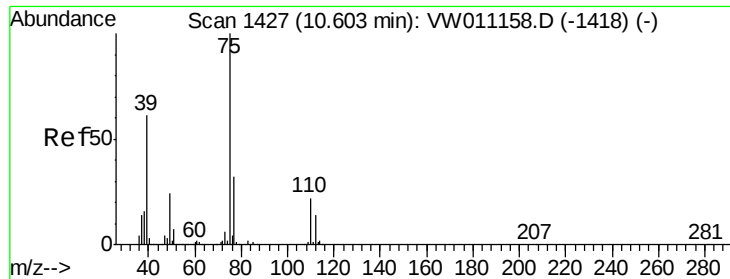
Tgt Ion: 92 Resp: 129812

Ion Ratio Lower Upper

92 100

91 170.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.439 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

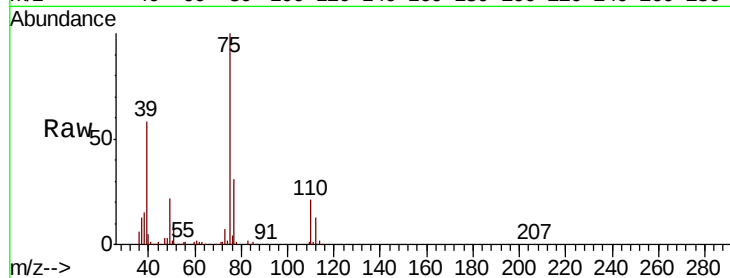
VW0720SBS01

Tot Ion: 75 Resp: 68758

Ion Ratio Lower Upper

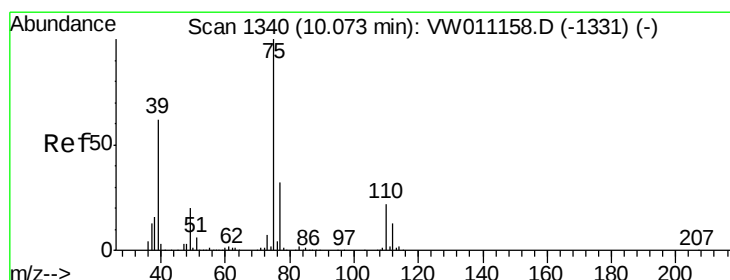
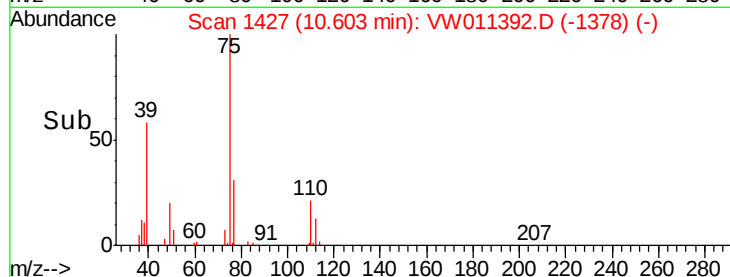
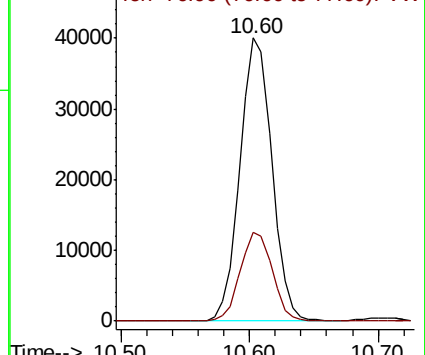
75 100

77 31.3 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 19.778 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

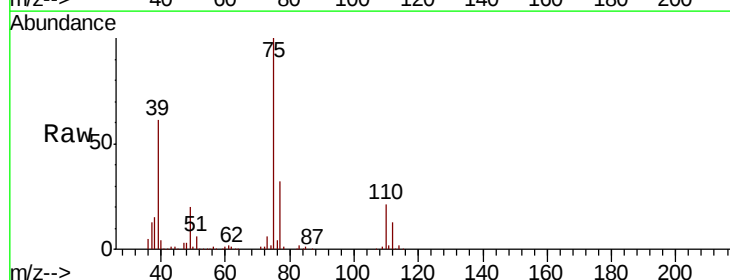
Tgt Ion: 75 Resp: 82344

Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

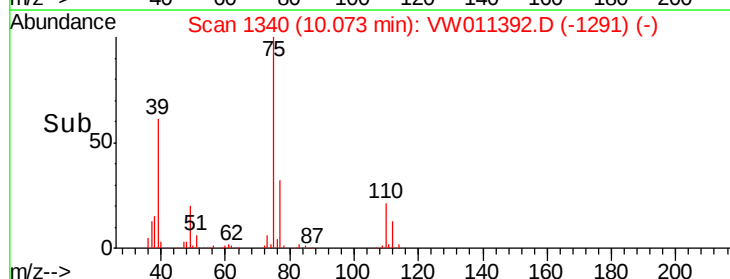
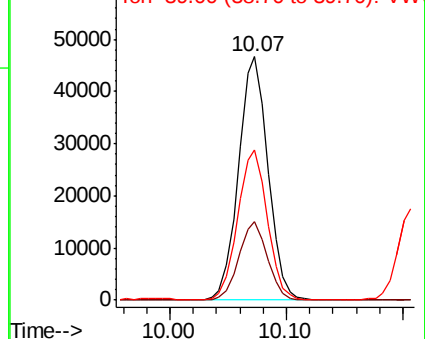
39 61.3 49.8 74.8

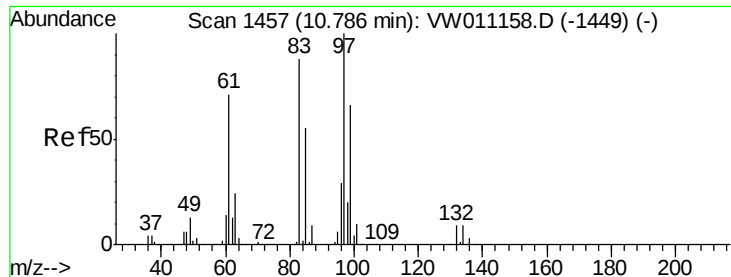


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

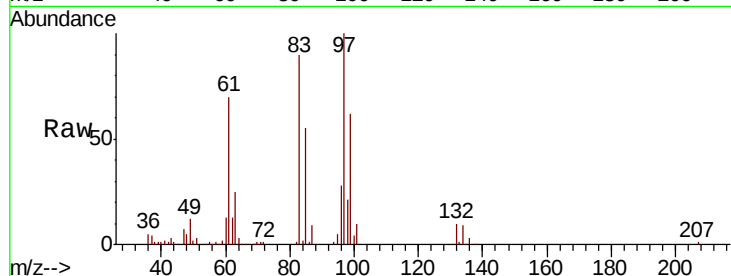




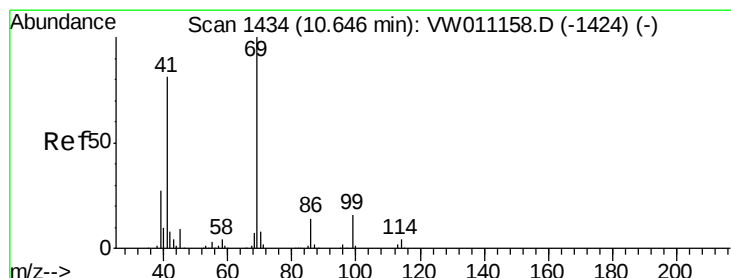
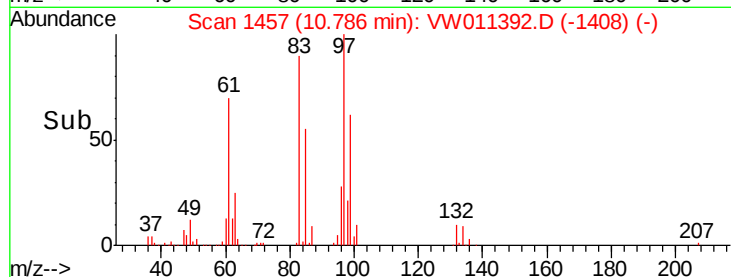
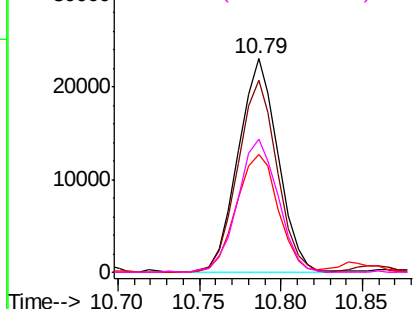
#55
 1,1,2-Trichloroethane
 Concen: 21.293 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

Tot Ion: 97 Resp: 39231
 Ion Ratio Lower Upper
 97 100
 83 89.8 70.2 105.4
 85 54.9 44.2 66.2
 99 62.4 52.6 79.0

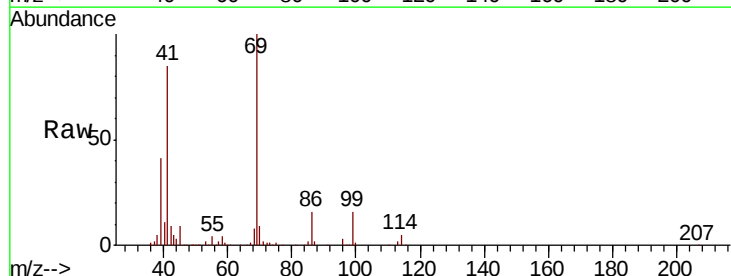


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

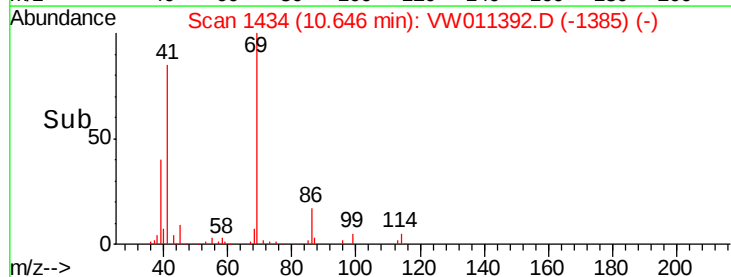
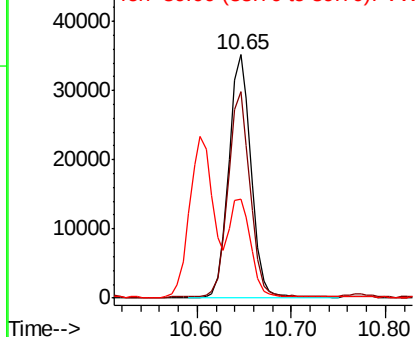


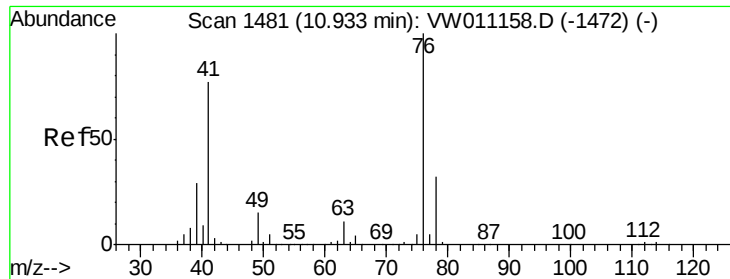
#56
 Ethyl methacrylate
 Concen: 20.708 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion: 69 Resp: 58088
 Ion Ratio Lower Upper
 69 100
 41 82.1 66.5 99.7
 39 38.4 32.5 48.7



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

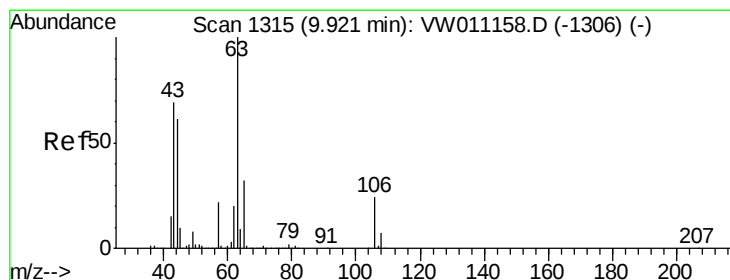
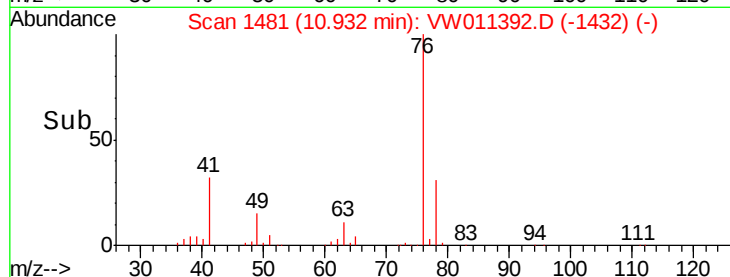
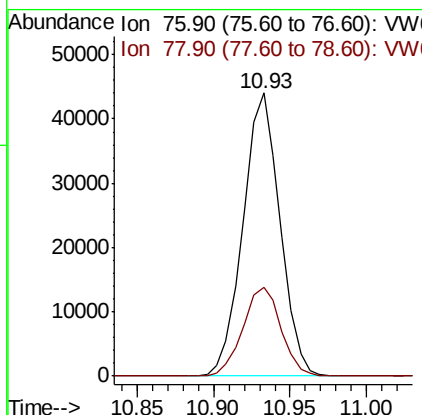
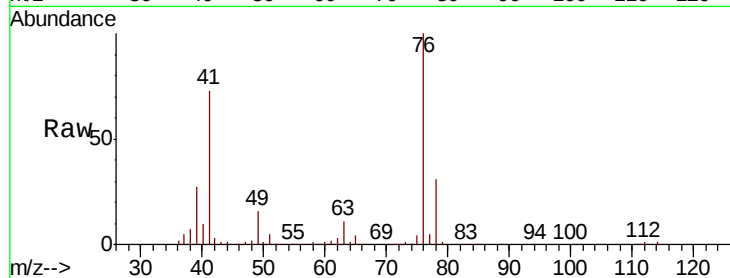




#57
 1,3-Dichloropropane
 Concen: 21.247 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

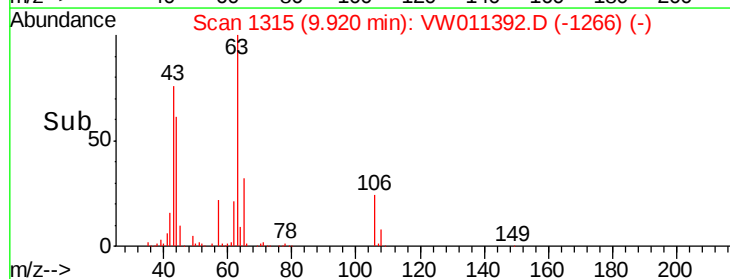
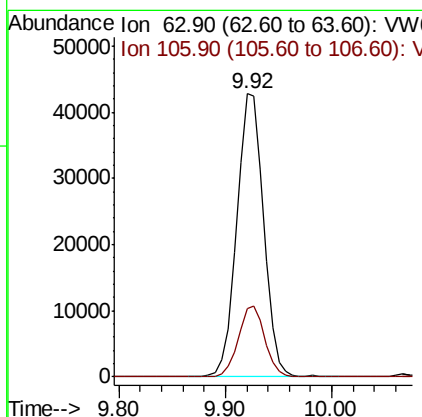
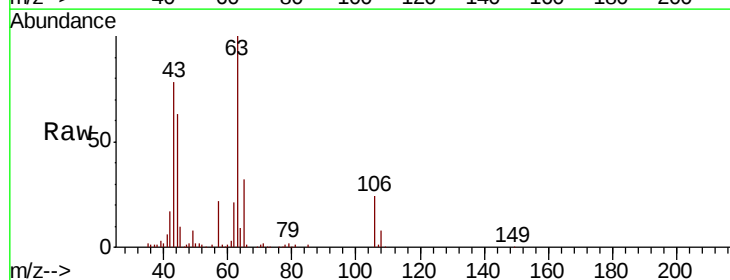
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

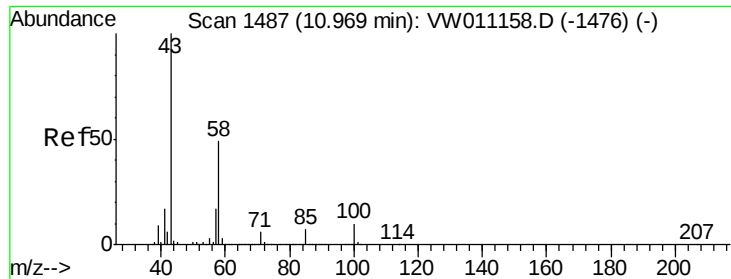
Tot Ion: 76 Resp: 74025
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 58.398 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion: 63 Resp: 75943
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0

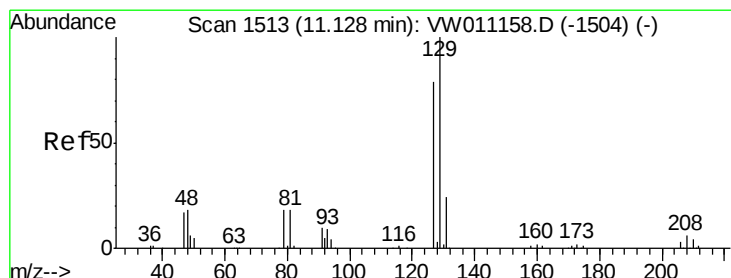
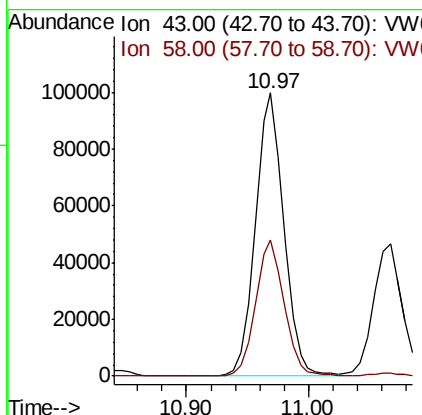
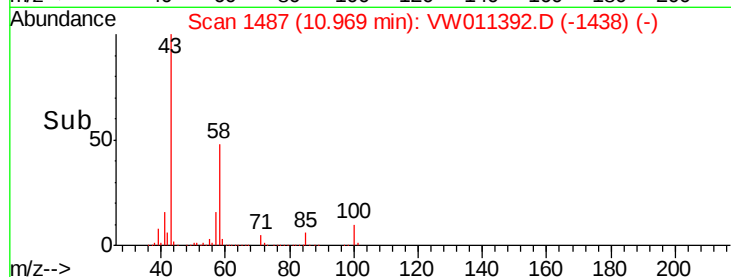
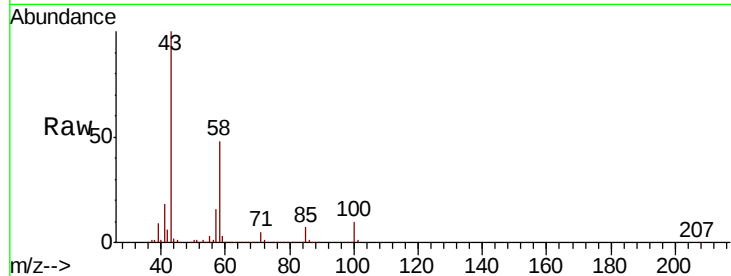




#59
2-Hexanone
Concen: 106.575 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

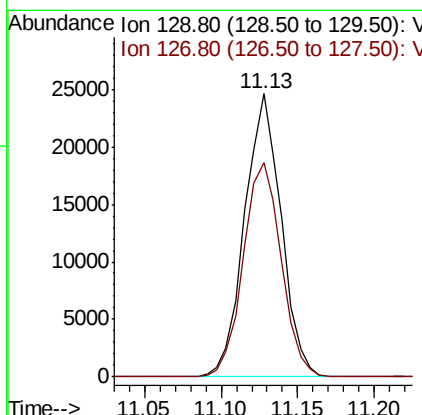
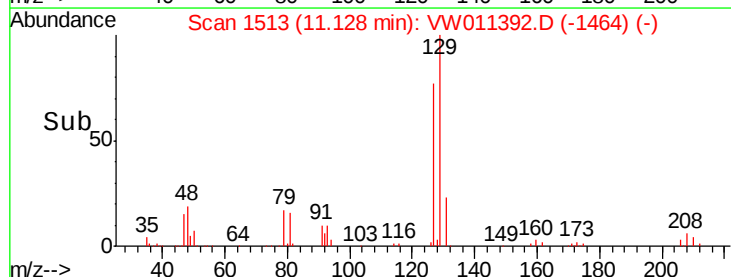
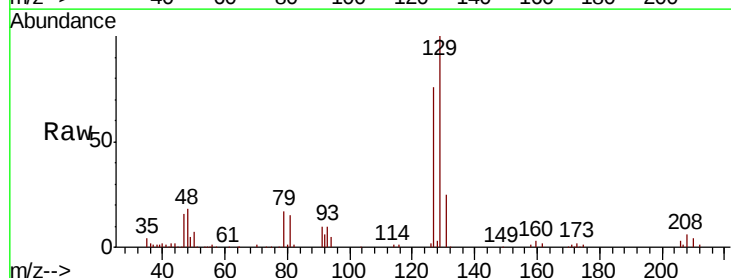
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

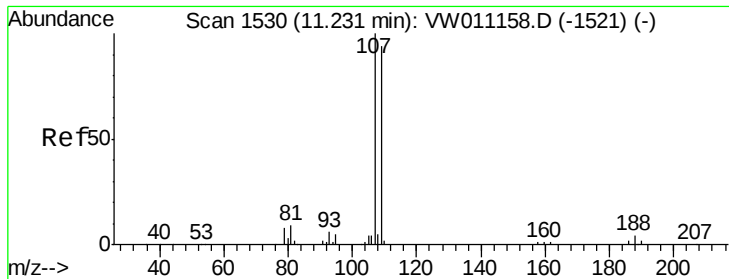
Tot Ion: 43 Resp: 161794
Ion Ratio Lower Upper
43 100
58 48.2 24.4 73.4



#60
Dibromochloromethane
Concen: 20.204 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion:129 Resp: 40819
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.3

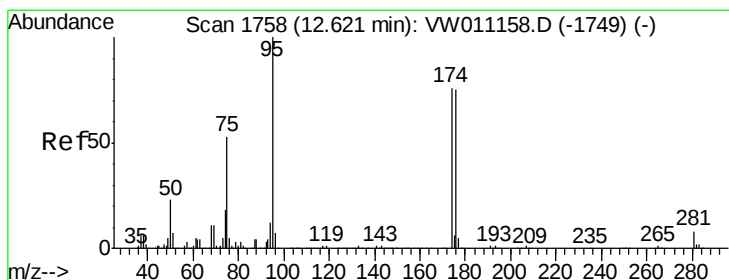
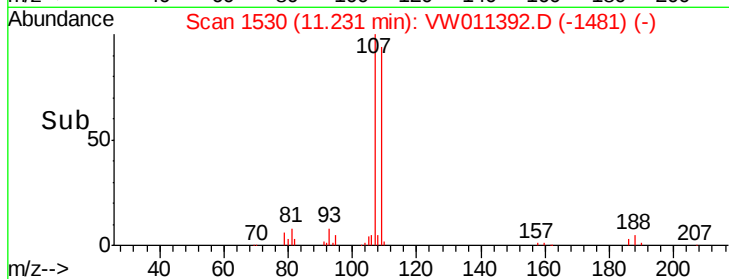
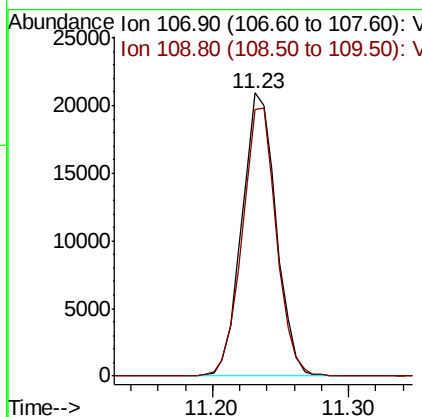
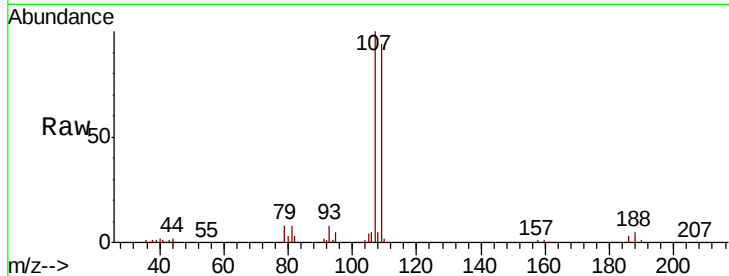




#61
 1,2-Dibromoethane
 Concen: 21.109 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

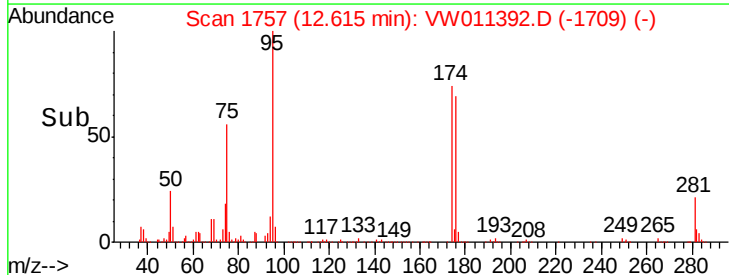
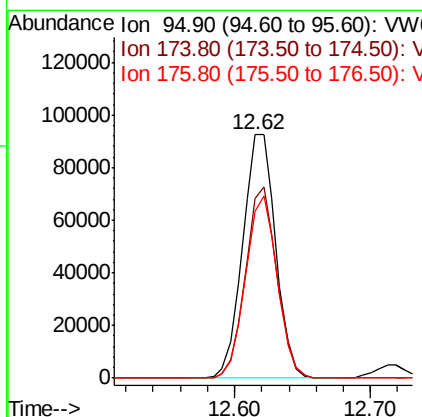
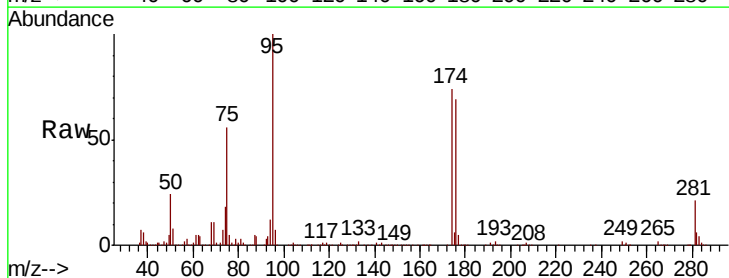
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

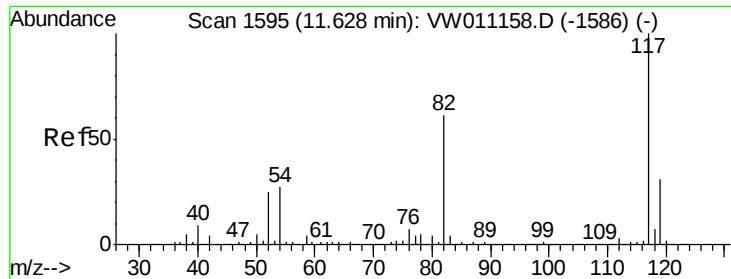
Tot Ion:107 Resp: 36840
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 50.995 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion: 95 Resp: 156227
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 147.6
 176 72.2 0.0 144.6

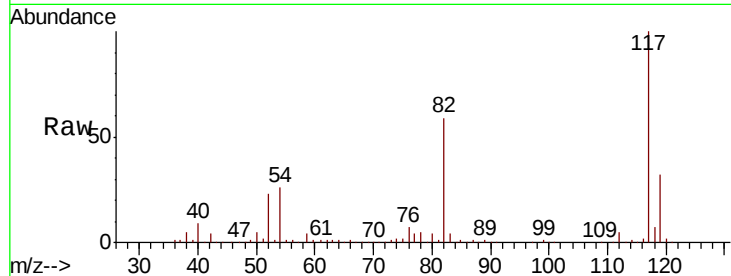




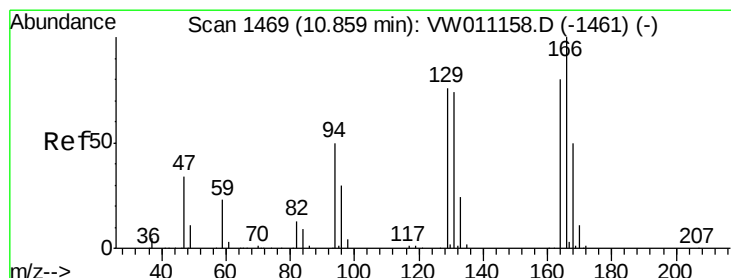
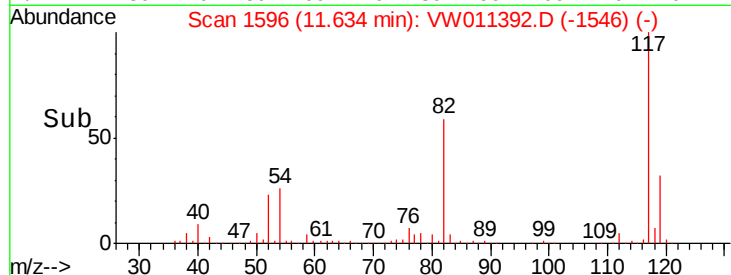
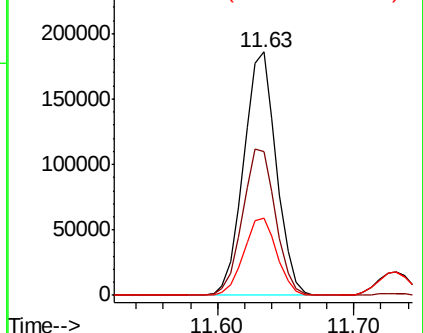
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

Tot Ion:117 Resp: 311948
Ion Ratio Lower Upper
117 100
82 58.9 48.9 73.3
119 31.6 25.0 37.6

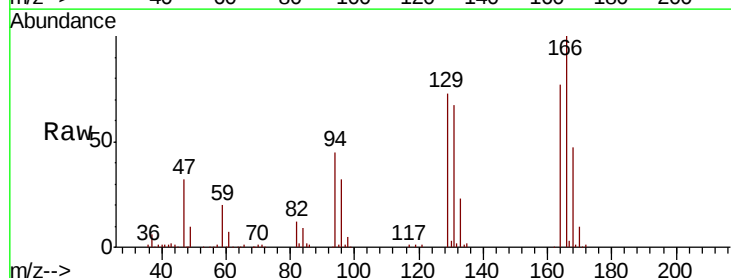


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

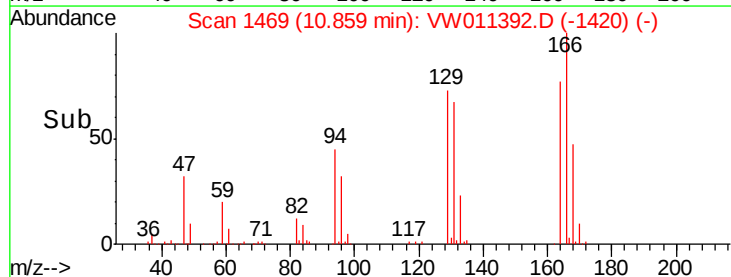
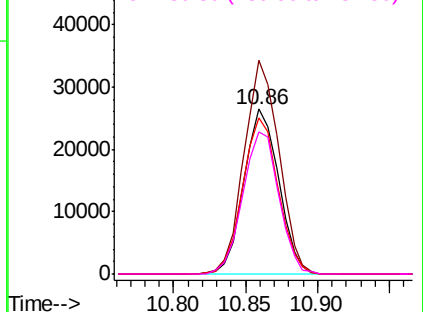


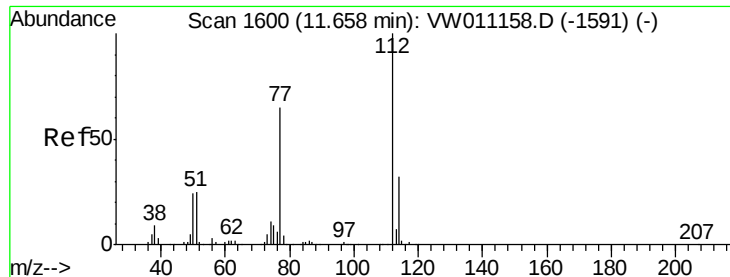
#64
Tetrachloroethene
Concen: 21.154 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion:164 Resp: 44528
Ion Ratio Lower Upper
164 100
166 129.6 99.7 149.5
129 94.4 76.2 114.2
131 86.4 74.0 111.0



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

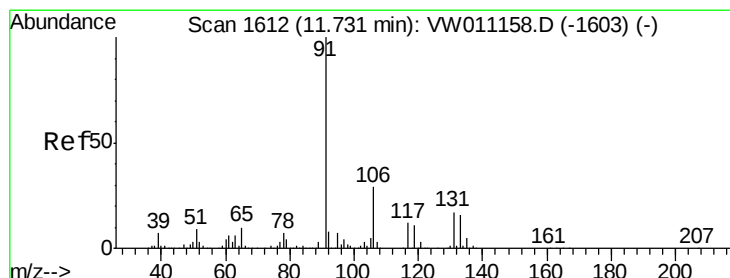
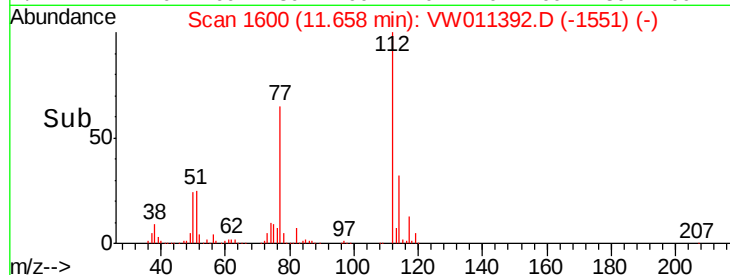
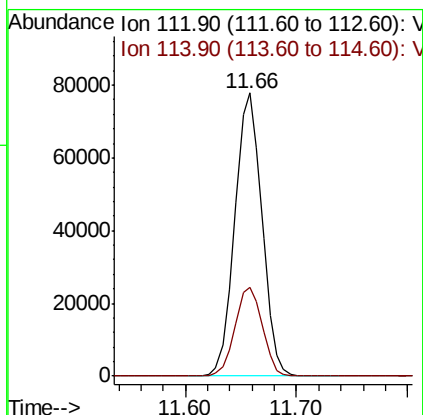
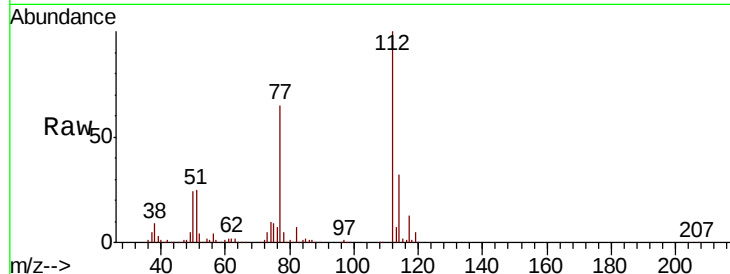




#65
Chlorobenzene
Concen: 20.629 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

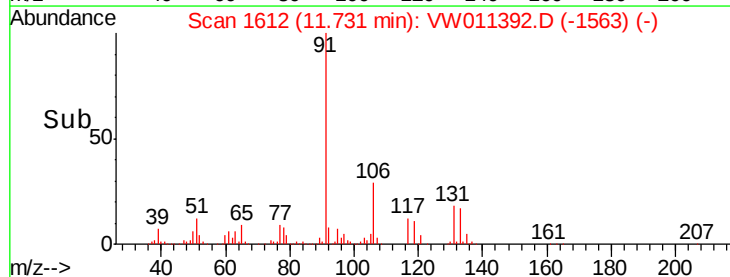
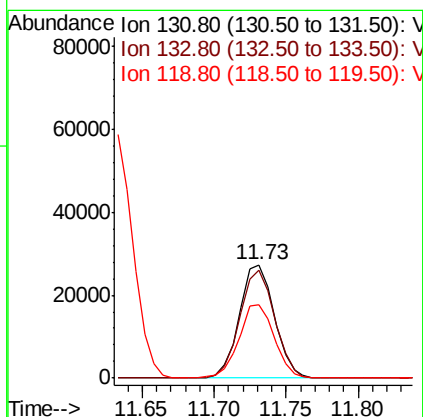
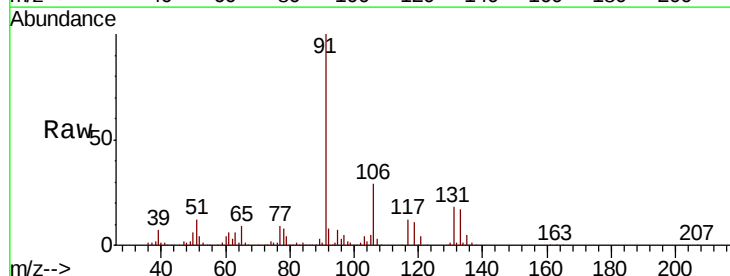
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

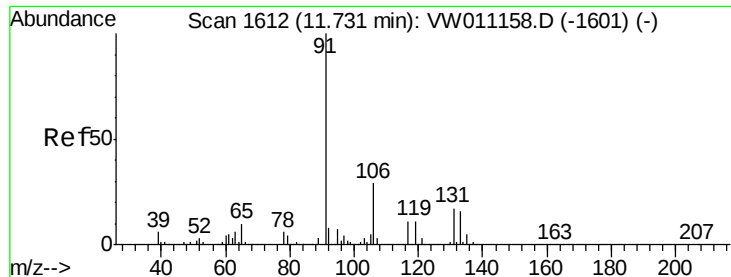
Tot Ion:112 Resp: 130833
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.690 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion:131 Resp: 46202
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.8
119 65.1 33.1 99.2

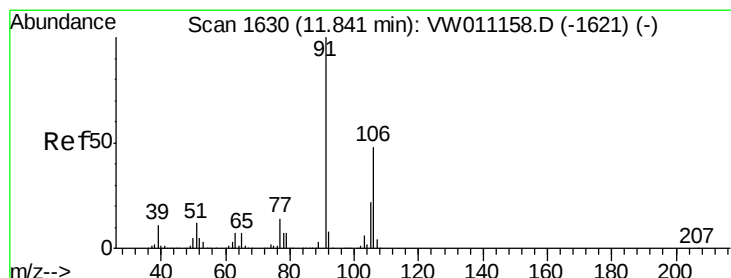
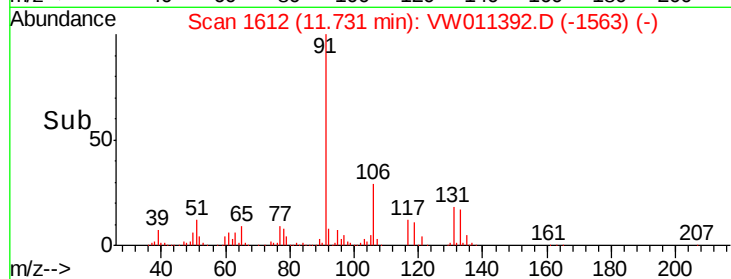
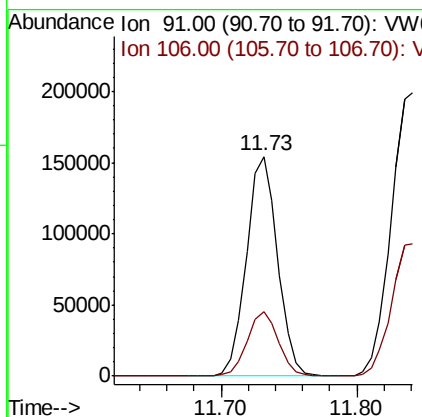
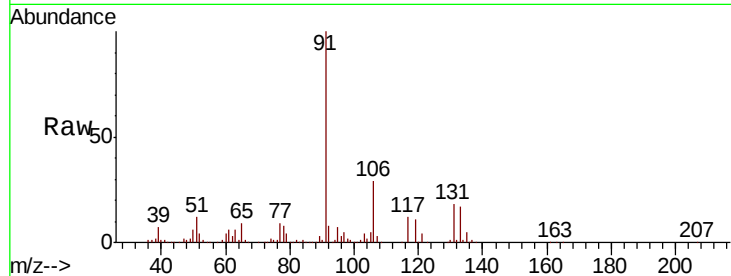




#67
Ethyl Benzene
Concen: 20.344 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

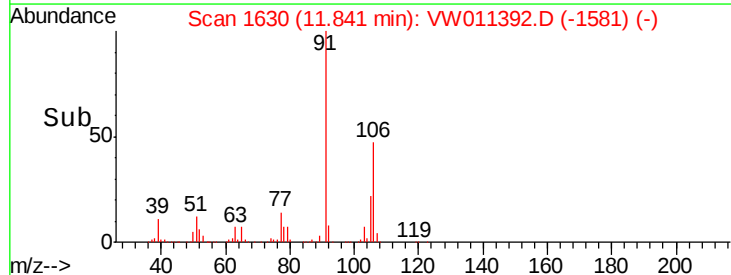
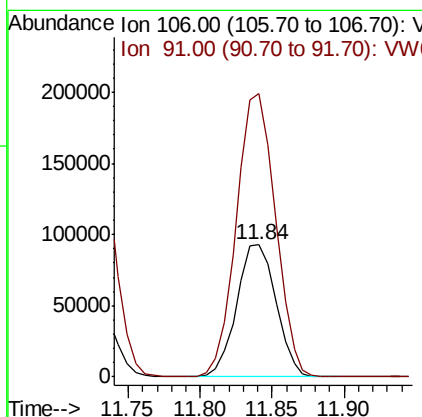
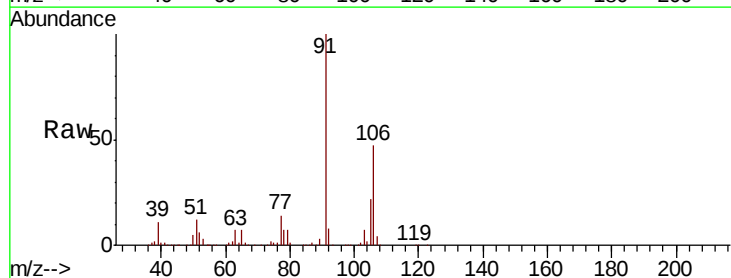
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

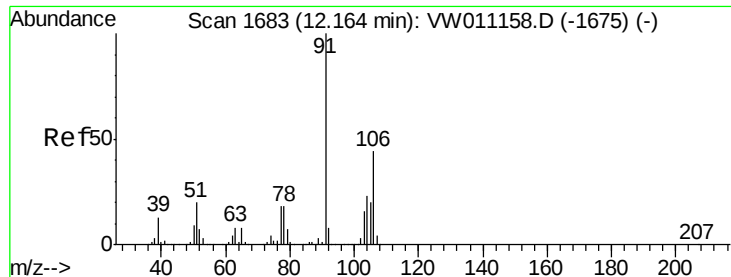
Tot Ion: 91 Resp: 247004
Ion Ratio Lower Upper
91 100
106 29.5 23.5 35.3



#68
m/p-Xylenes
Concen: 40.228 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion:106 Resp: 176730
Ion Ratio Lower Upper
106 100
91 212.7 167.7 251.5

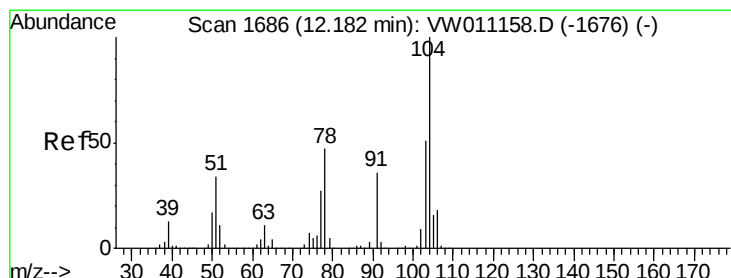
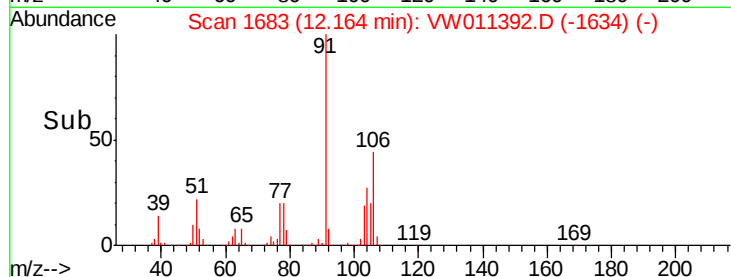
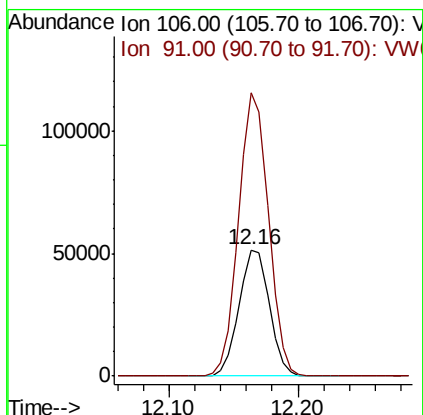
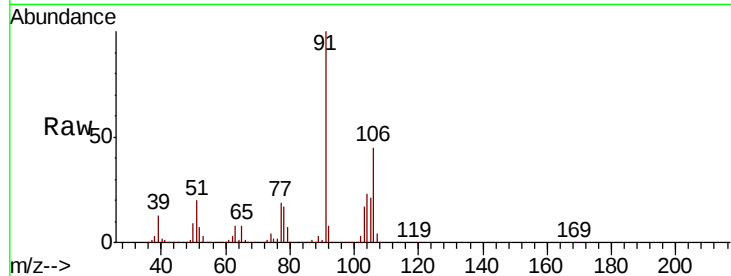




#69
o-Xylene
Concen: 20.231 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

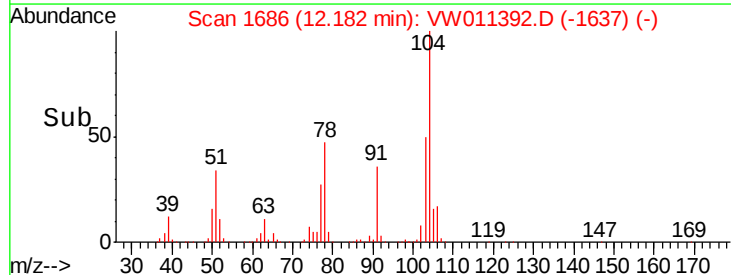
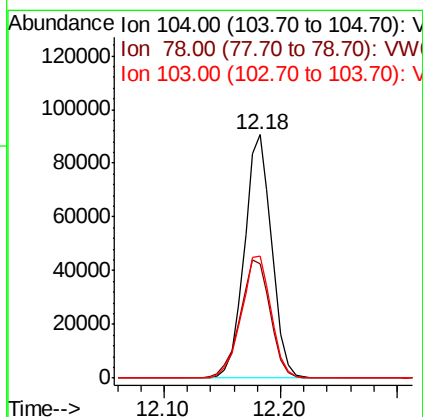
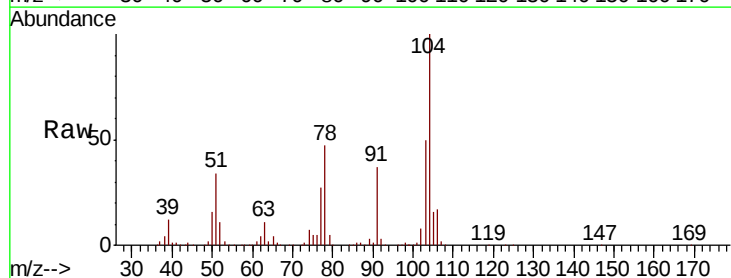
Instrument :
MSVOA_W
ClientSampled :
VW0720SBS01

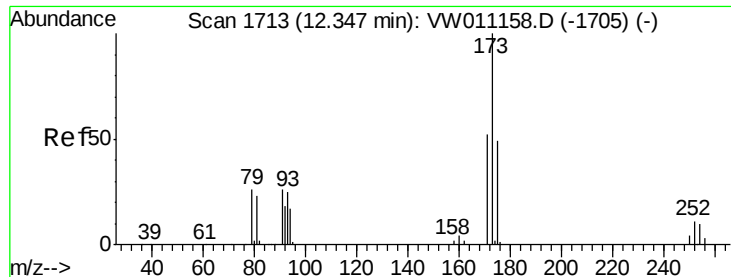
Tot Ion:106 Resp: 83771
Ion Ratio Lower Upper
106 100
91 222.3 110.7 332.1



#70
Styrene
Concen: 20.647 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion:104 Resp: 147549
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 55.0 44.1 66.1





#71

Bromoform

Concen: 20.282 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

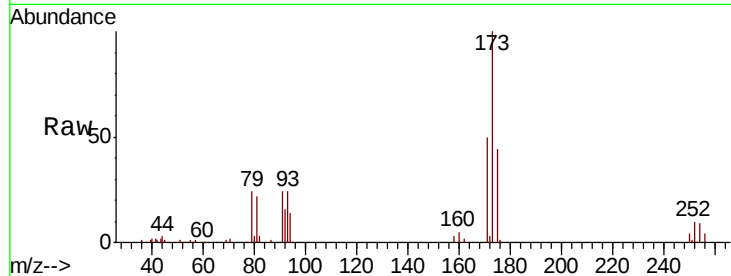
Tot Ion:173 Resp: 24081

Ion Ratio Lower Upper

173 100

175 47.5 24.8 74.3

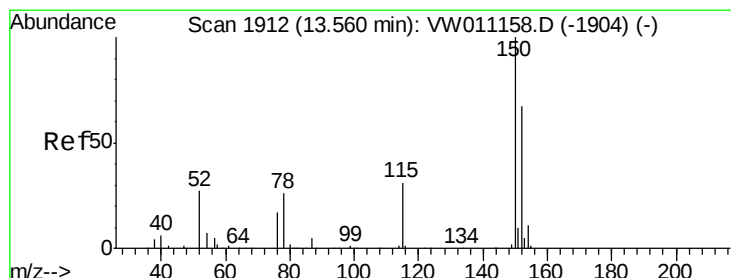
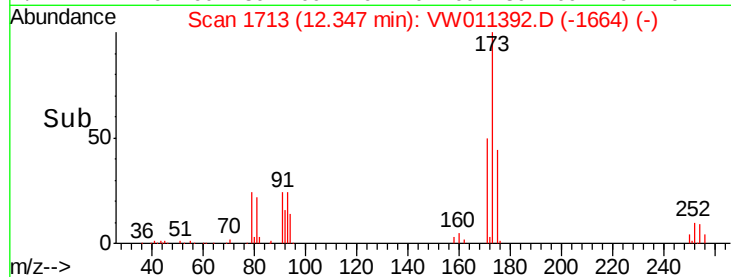
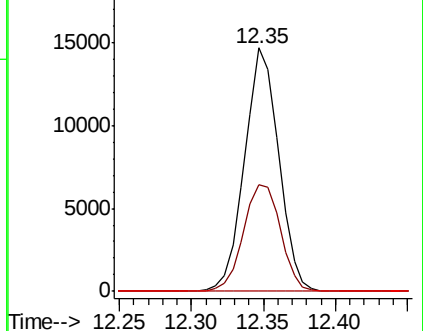
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

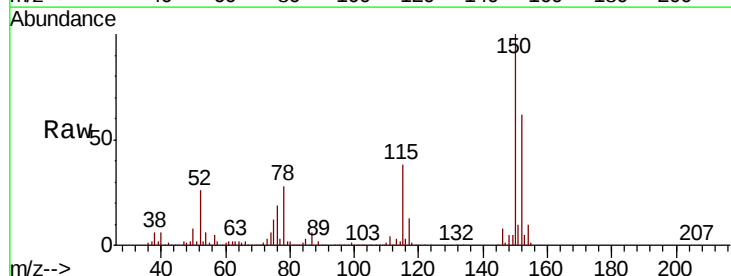
Tgt Ion:152 Resp: 150576

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.3

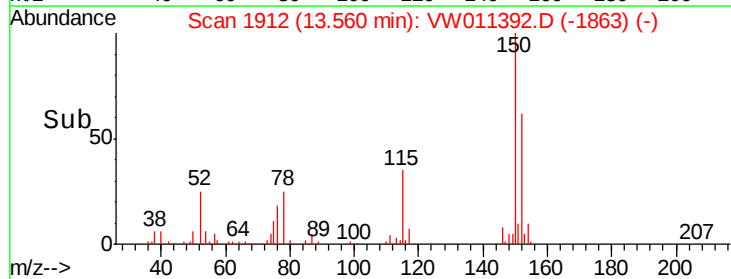
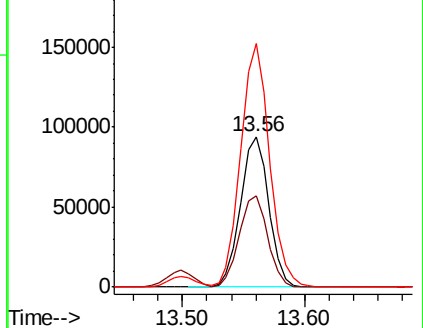
150 165.1 0.0 346.0

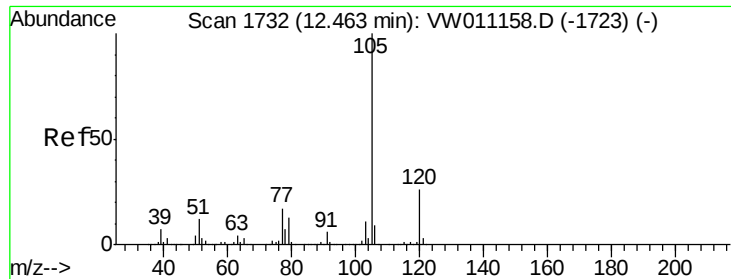


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.337 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

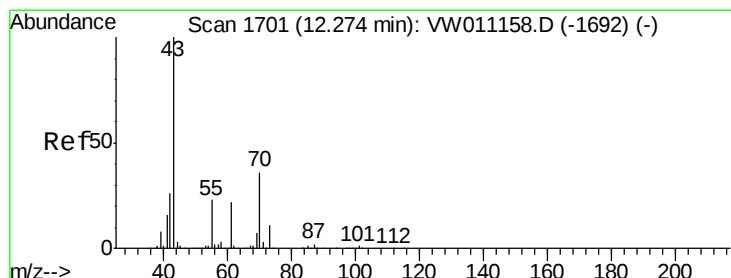
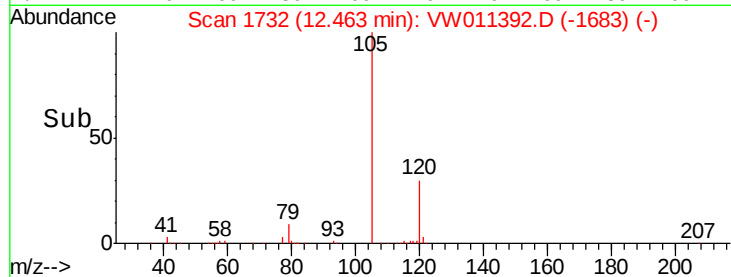
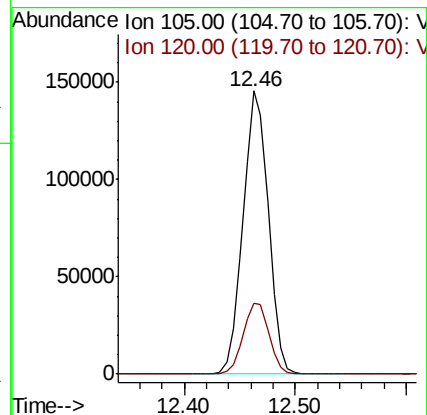
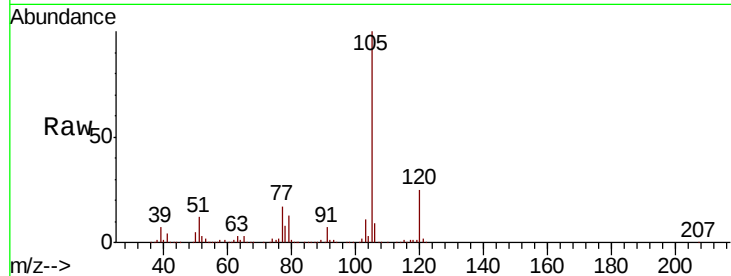
VW0720SBS01

Tot Ion:105 Resp: 228915

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 20.843 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Tgt Ion: 43 Resp: 81711

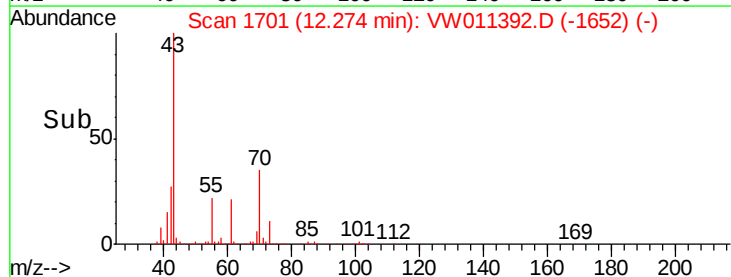
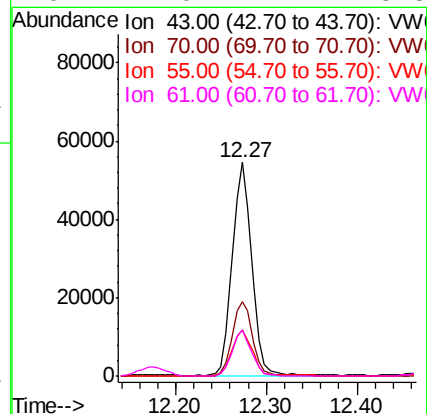
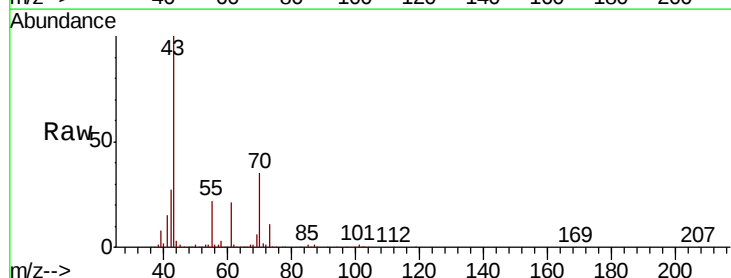
Ion Ratio Lower Upper

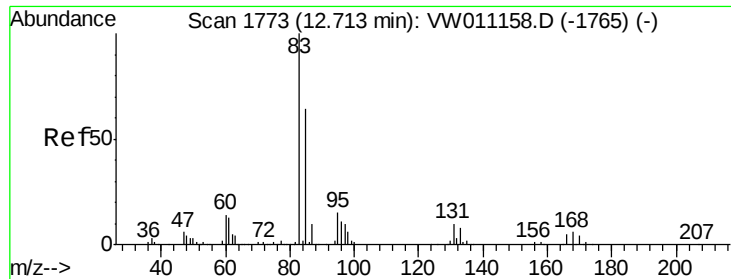
43 100

70 35.5 28.5 42.7

55 23.4 18.1 27.1

61 21.0 17.2 25.8

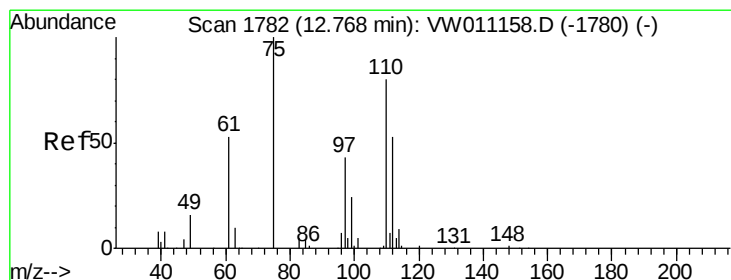
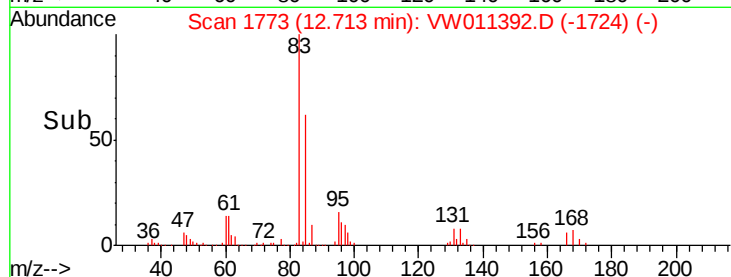
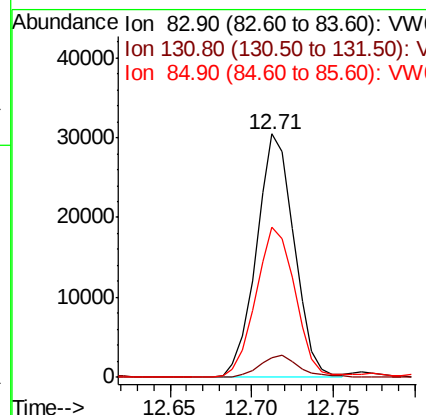
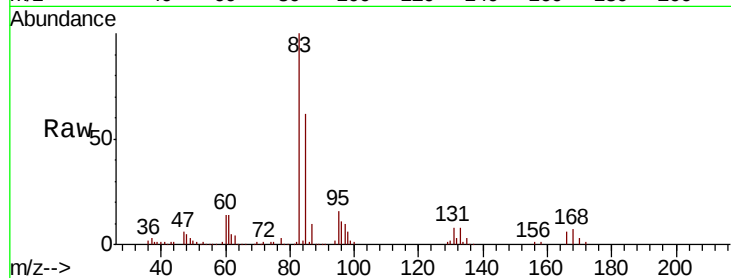




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.283 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

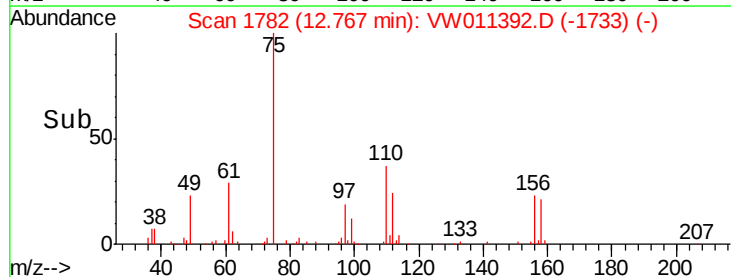
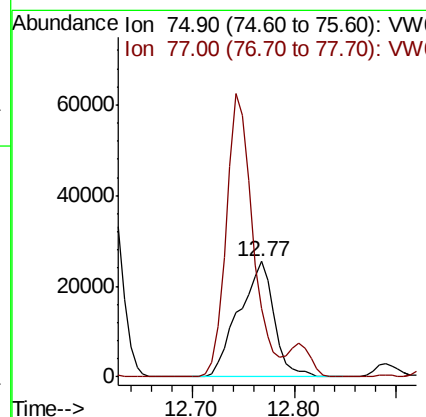
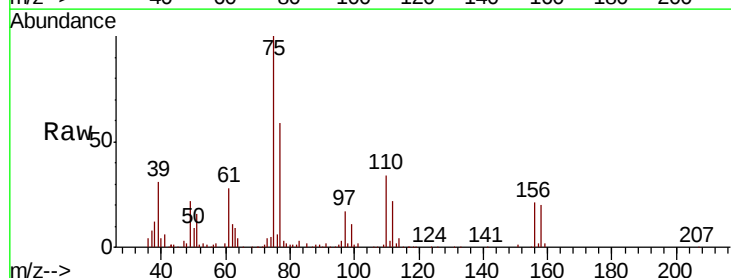
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

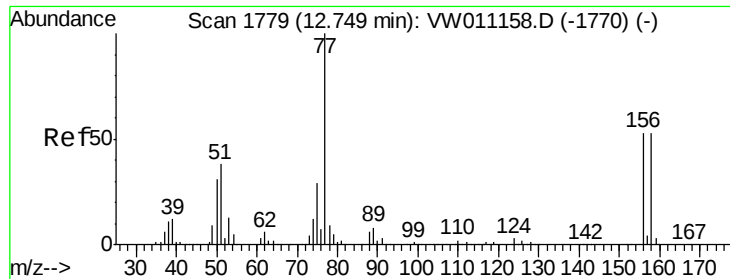
Tot Ion	83	Resp	49108
Ion Ratio	100		
Lower	5.0		
Upper	15.0		
85	64.1	31.6	94.8



#76
 1,2,3-Trichloropropane
 Concen: 35.239 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion	75	Resp	61320
Ion Ratio	100		
Lower	0.0		
Upper	0.0		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.752 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

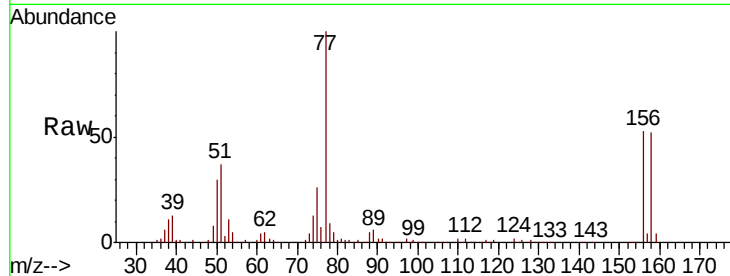
Tot Ion:156 Resp: 52420

Ion Ratio Lower Upper

156 100

77 216.2 109.0 327.0

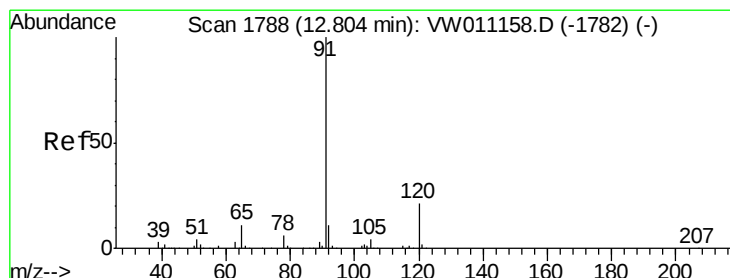
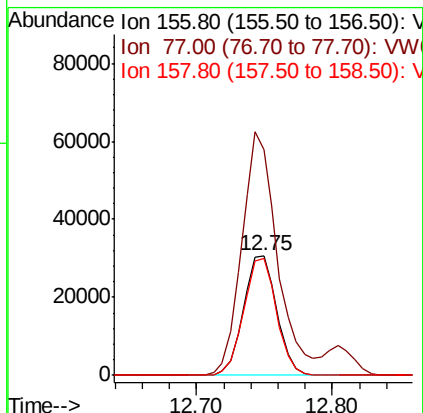
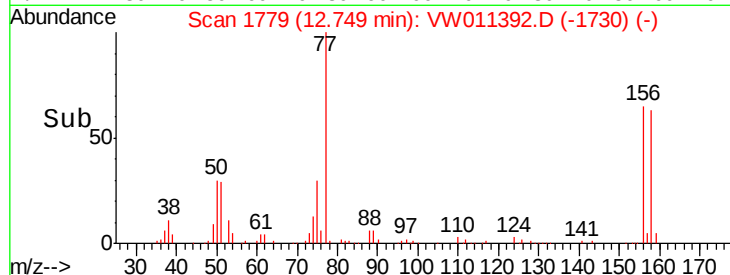
158 96.3 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.262 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011392.D

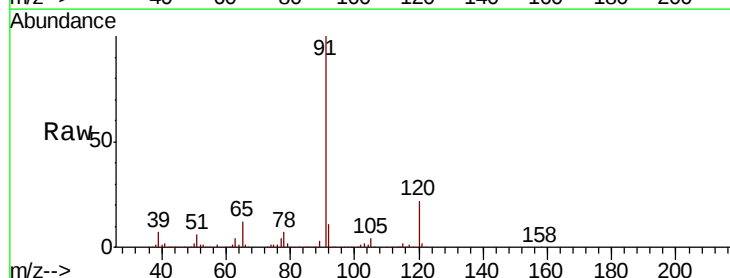
Acq: 19 Jul 2019 23:58

Tgt Ion: 91 Resp: 280948

Ion Ratio Lower Upper

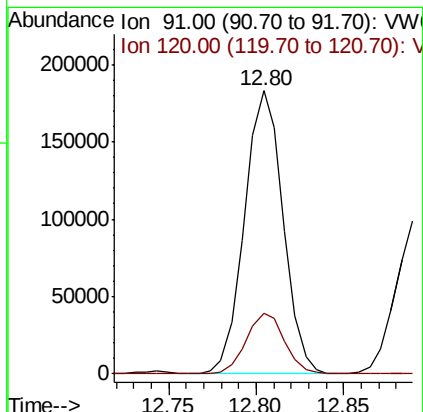
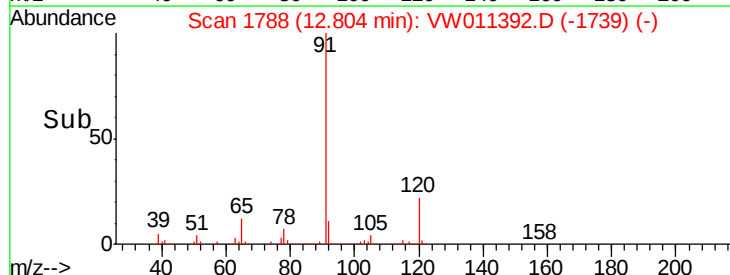
91 100

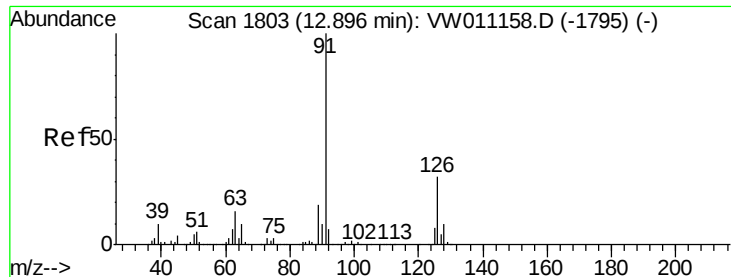
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

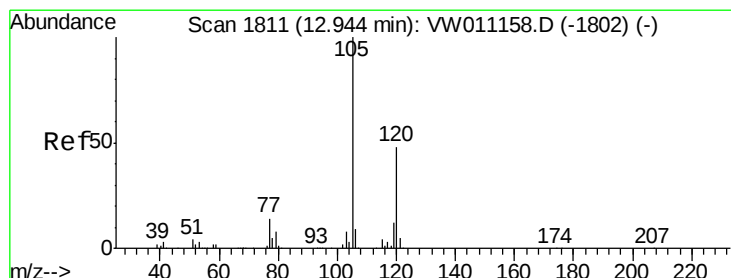
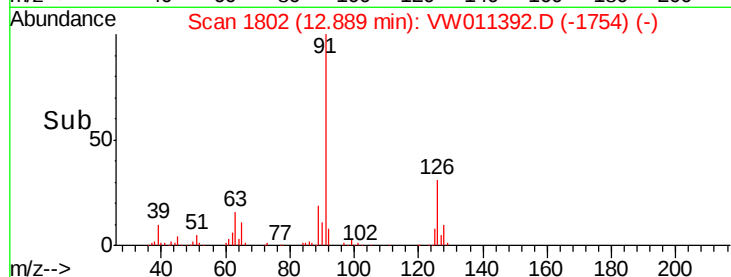
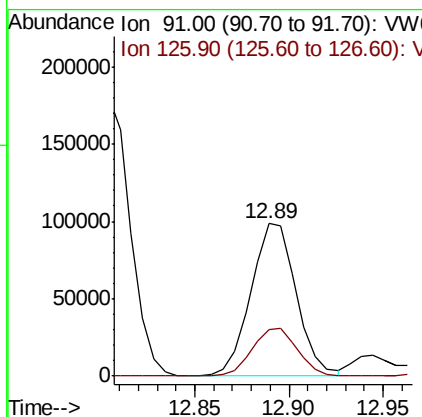
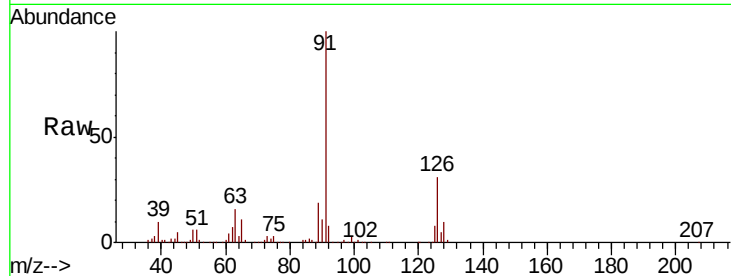




#79
 2-Chlorotoluene
 Concen: 20.537 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

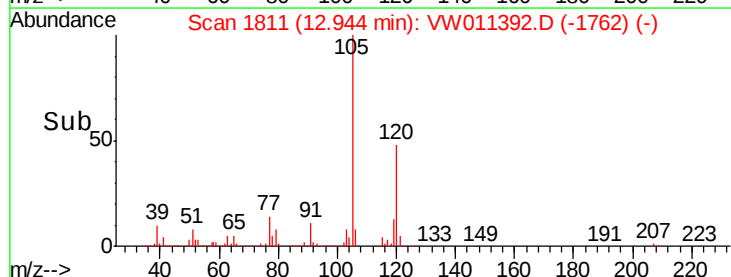
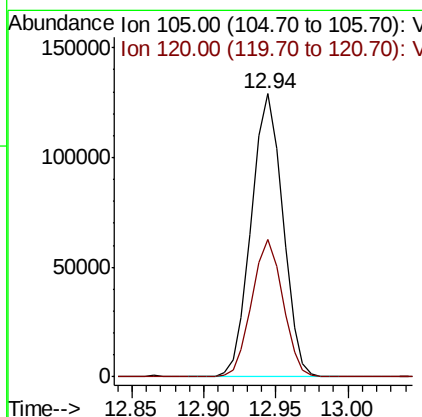
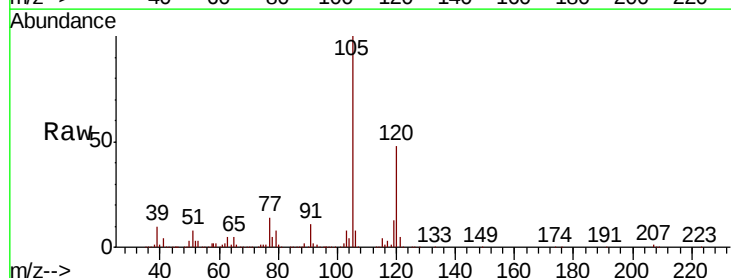
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

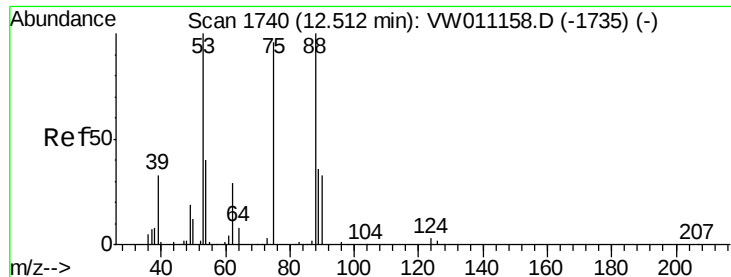
Tot Ion: 91 Resp: 163867
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.390 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion: 105 Resp: 194984
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.996 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampled :

VW0720SBS01

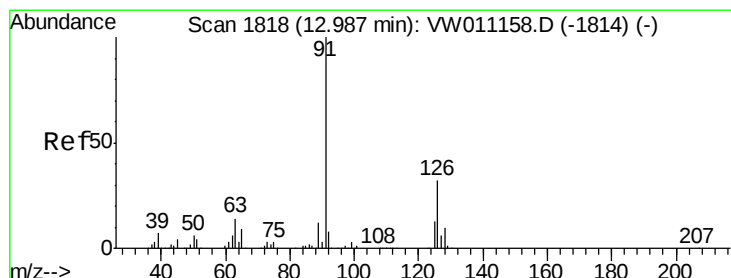
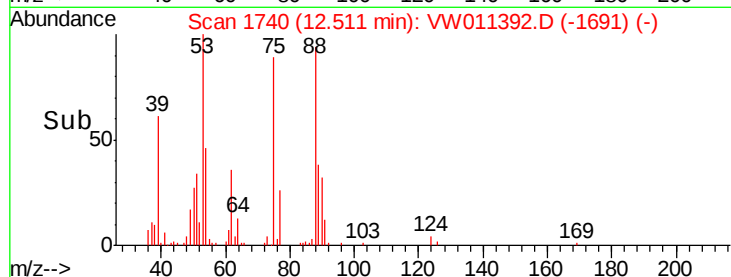
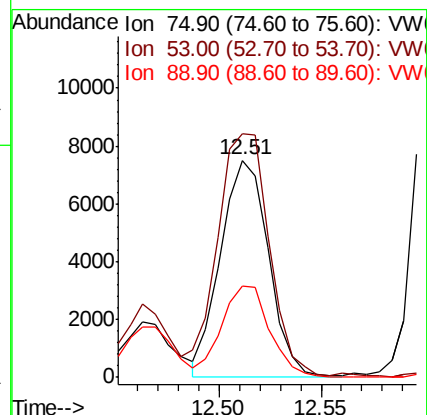
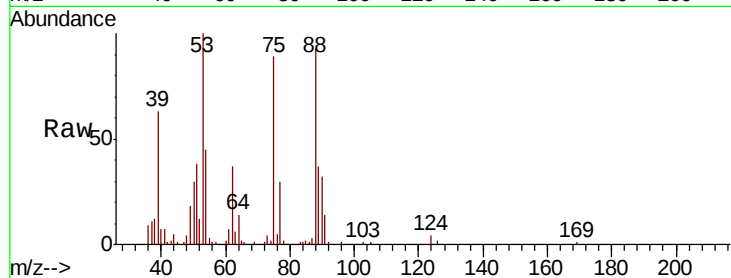
Tot Ion: 75 Resp: 12306

Ion Ratio Lower Upper

75 100

53 120.1 89.8 134.6

89 42.1 34.3 51.5



#82

4-Chlorotoluene

Concen: 20.807 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011392.D

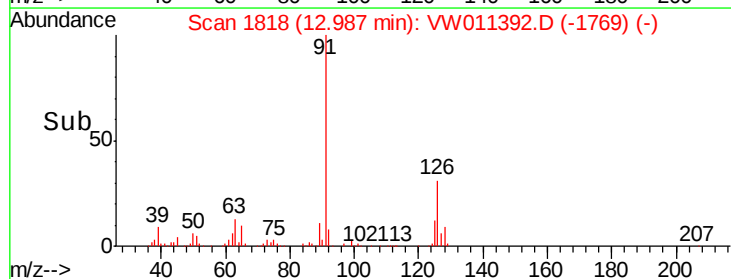
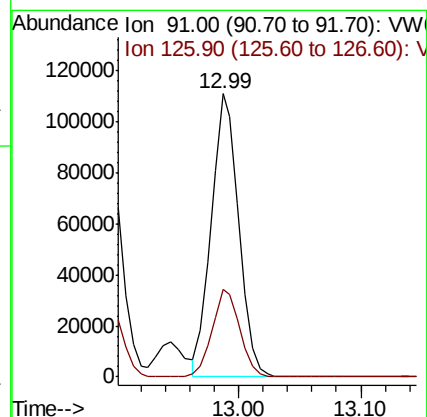
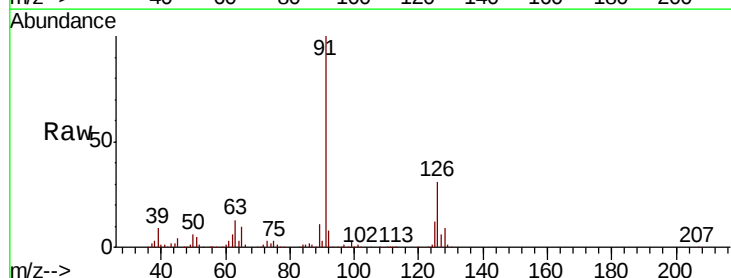
Acq: 19 Jul 2019 23:58

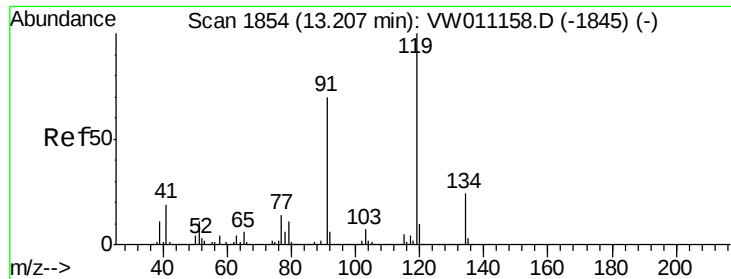
Tgt Ion: 91 Resp: 172921

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.1

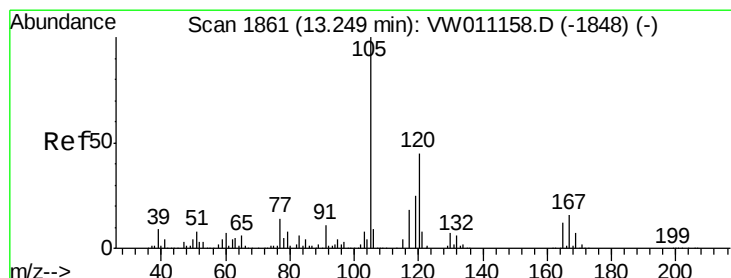
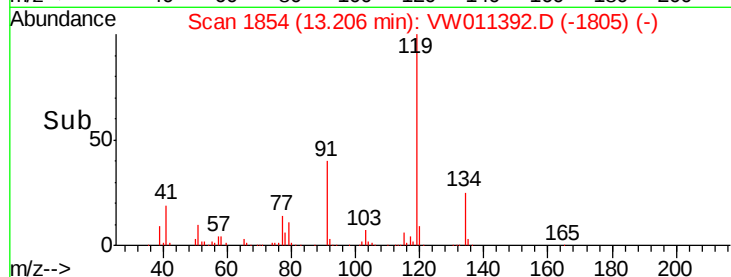
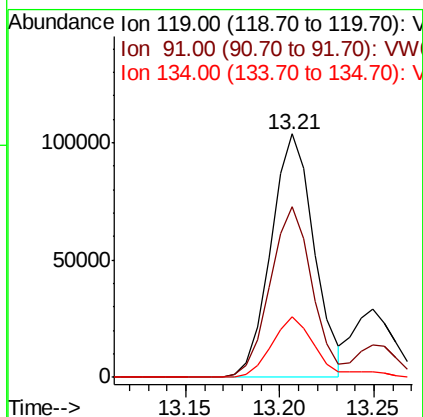
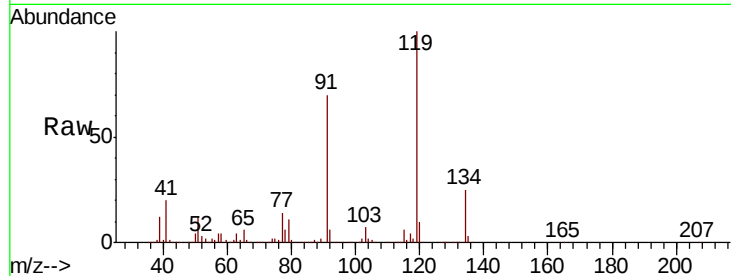




#83
tert-Butylbenzene
Concen: 20.632 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

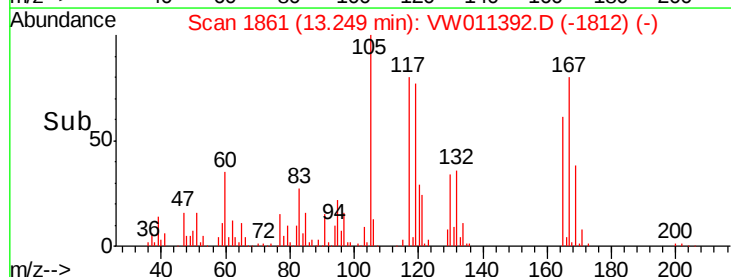
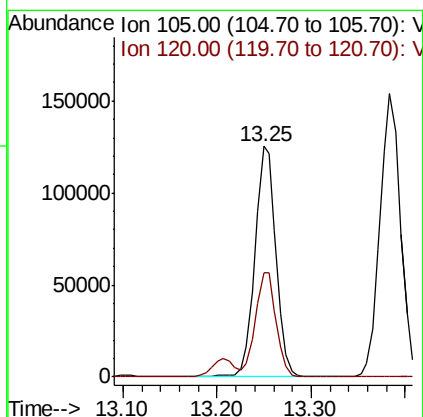
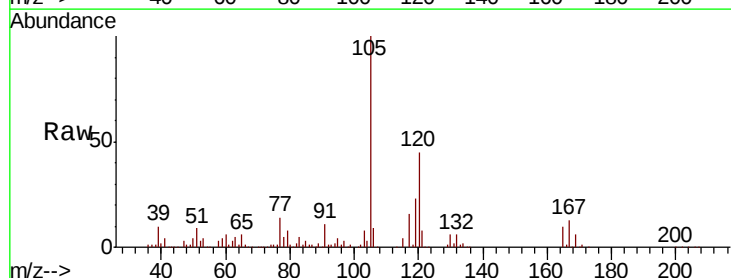
Instrument :
MSVOA_W
ClientSampleId :
VW0720SBS01

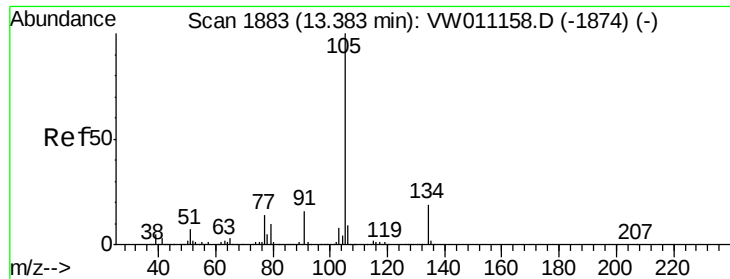
Tot Ion:119 Resp: 164541
Ion Ratio Lower Upper
119 100
91 68.1 35.4 106.3
134 26.1 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 20.529 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011392.D
Acq: 19 Jul 2019 23:58

Tgt Ion:105 Resp: 197119
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.293 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

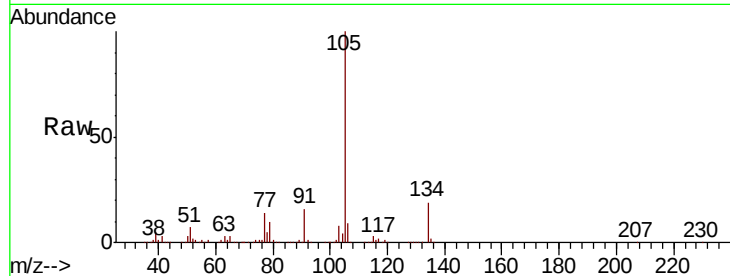
VW0720SBS01

Tot Ion:105 Resp: 233528

Ion Ratio Lower Upper

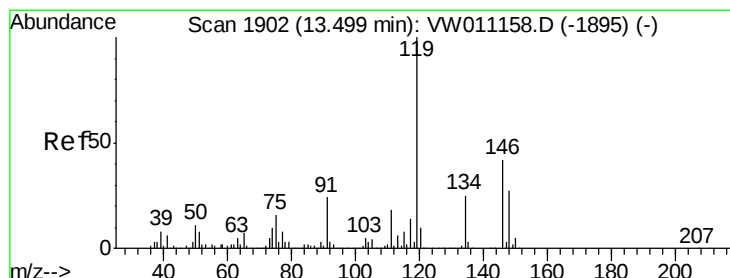
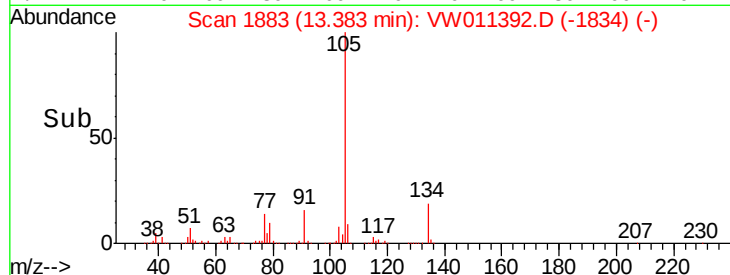
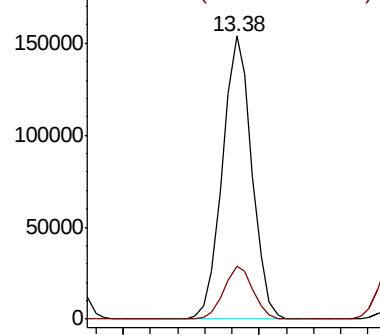
105 100

134 18.8 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.043 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

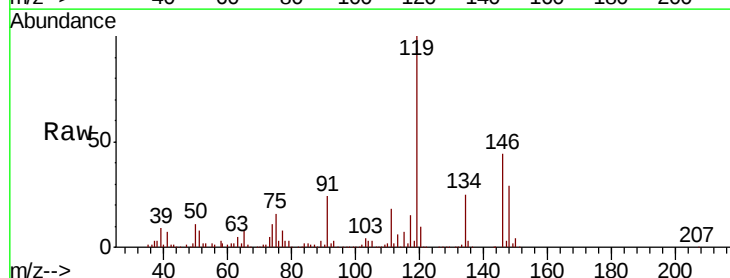
Tgt Ion:119 Resp: 206876

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

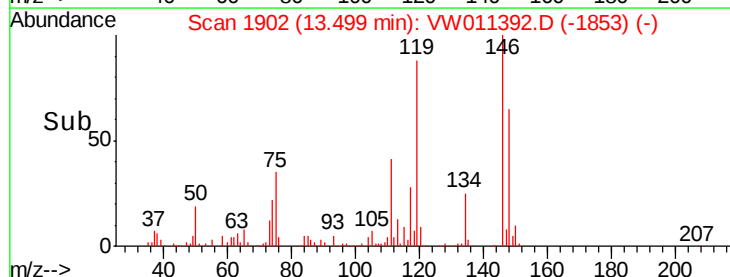
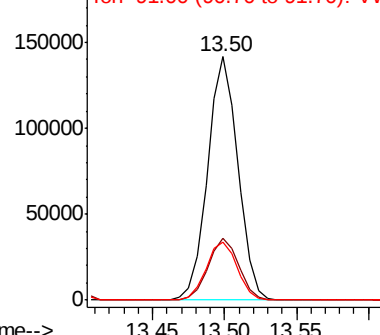
91 24.7 12.3 36.8

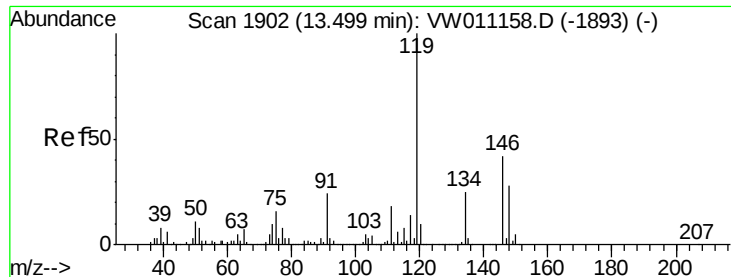


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

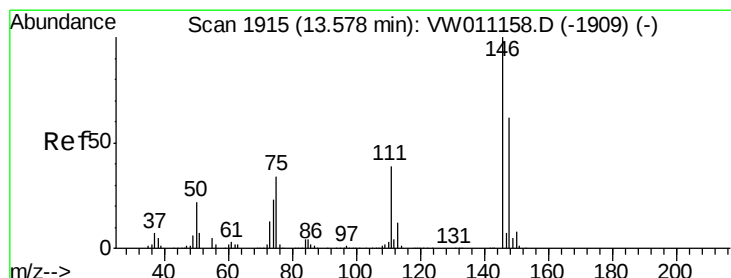
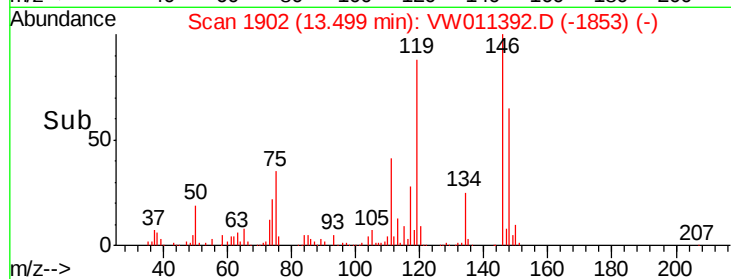
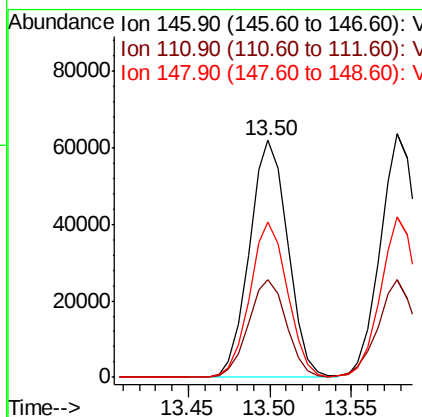
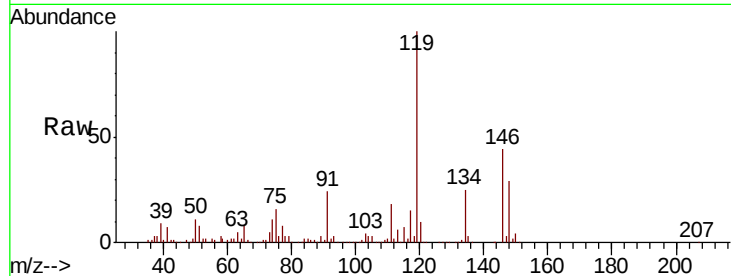




#87
 1,3-Dichlorobenzene
 Concen: 20.840 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

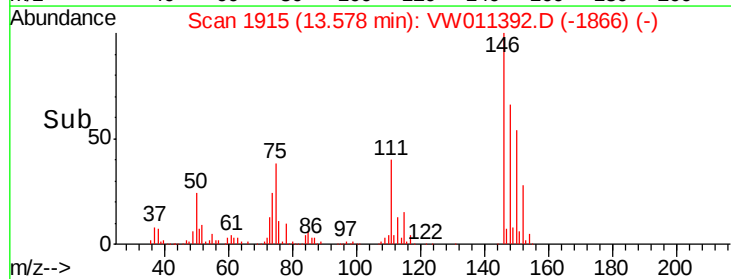
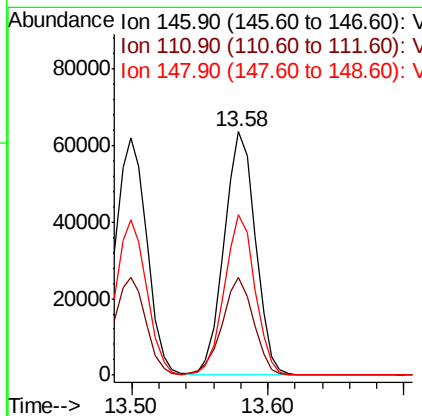
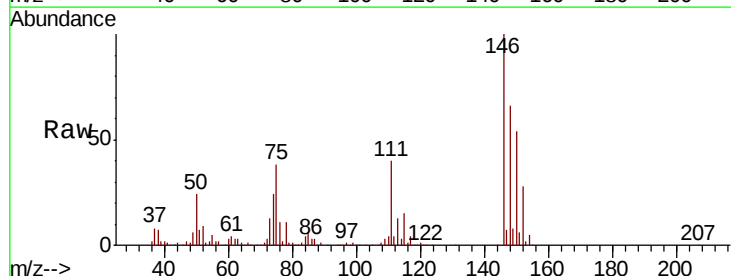
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

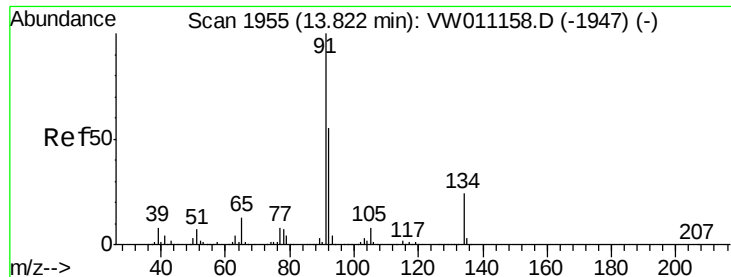
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.1	63.1
148	64.3	32.6	97.7



#88
 1,4-Dichlorobenzene
 Concen: 20.817 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	64.6	31.5	94.5





#89

n-Butylbenzene

Concen: 19.670 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

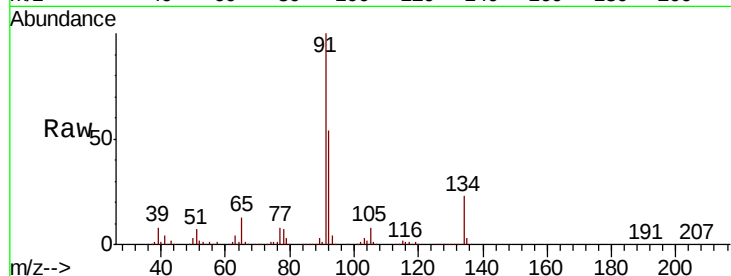
Tot Ion: 91 Resp: 202533

Ion Ratio Lower Upper

91 100

92 54.1 26.9 80.7

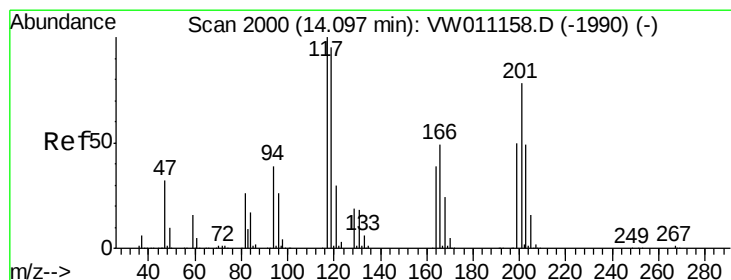
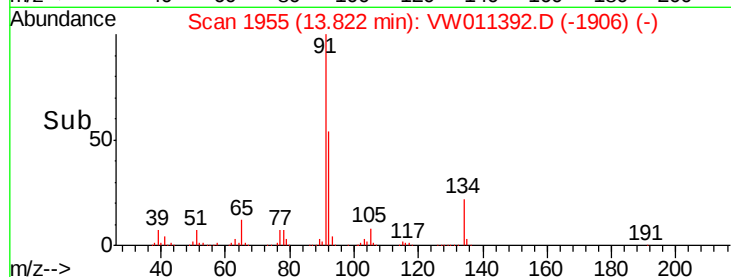
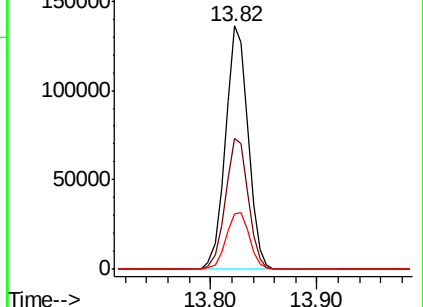
134 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.861 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW011392.D

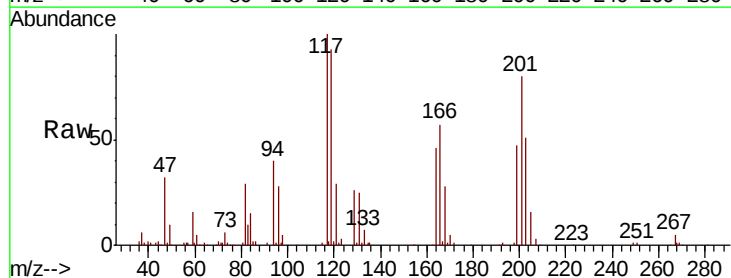
Acq: 19 Jul 2019 23:58

Tgt Ion: 117 Resp: 37460

Ion Ratio Lower Upper

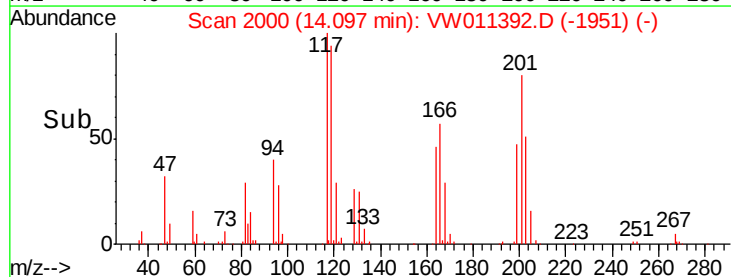
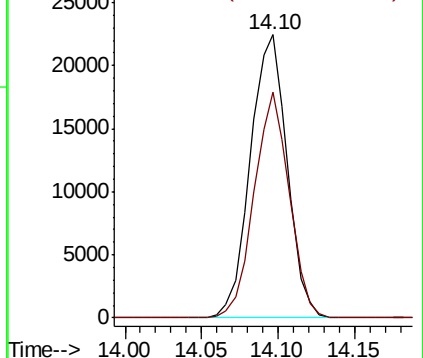
117 100

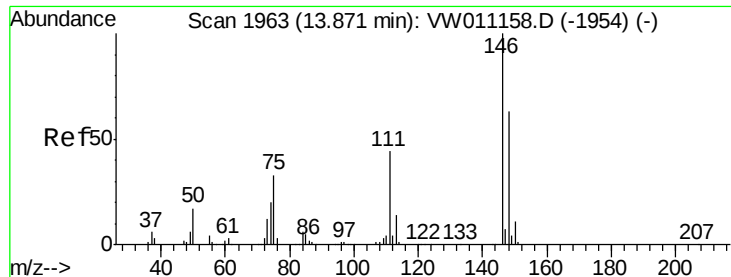
201 76.3 38.3 114.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

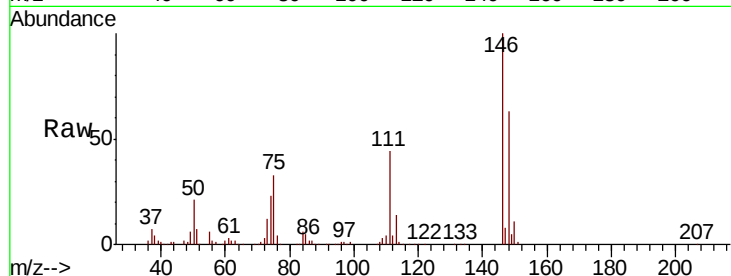




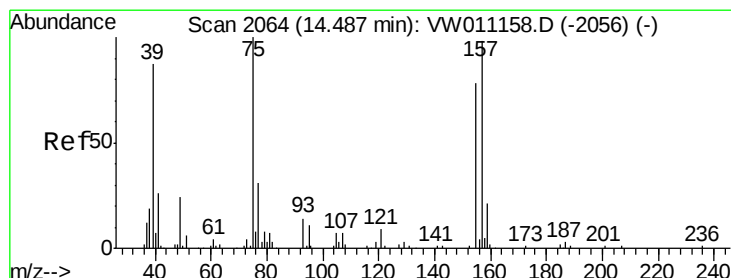
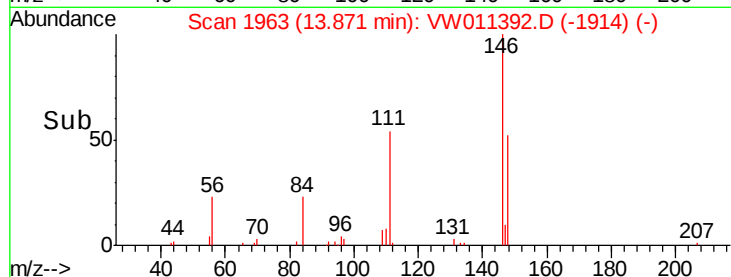
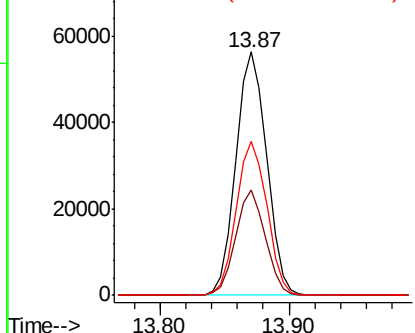
#91
 1,2-Dichlorobenzene
 Concen: 21.161 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.6	65.0
148	63.1	31.9	95.5

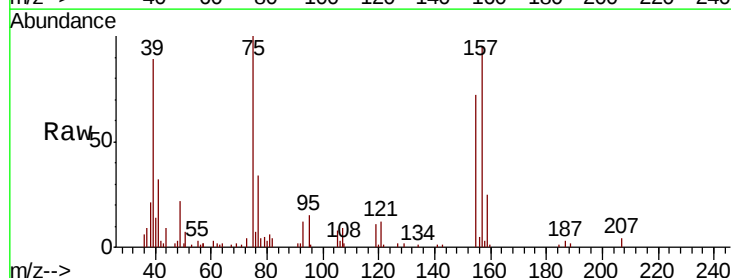


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

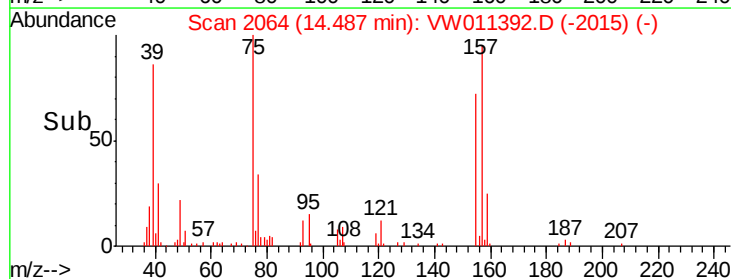
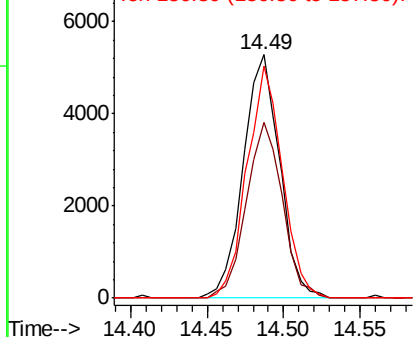


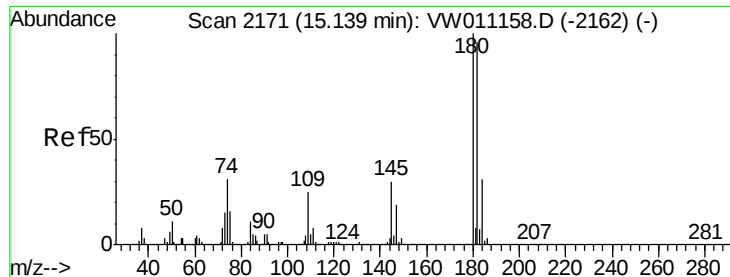
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.370 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	37.1	111.3
157	92.6	48.5	145.6



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

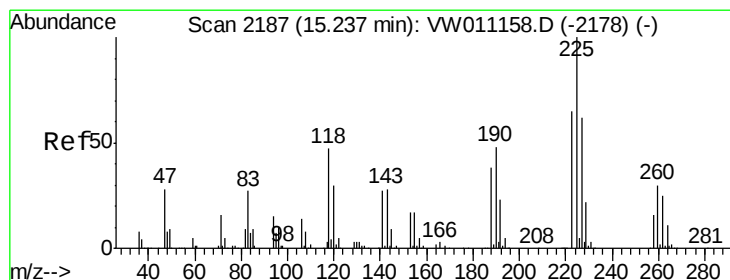
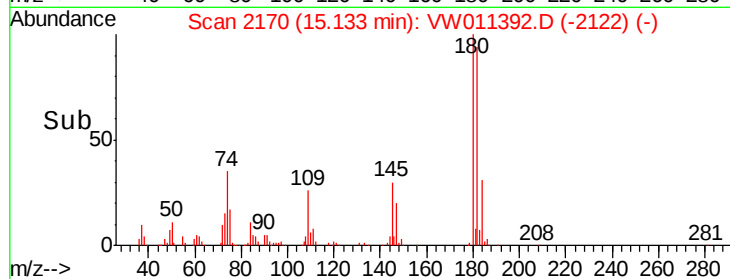
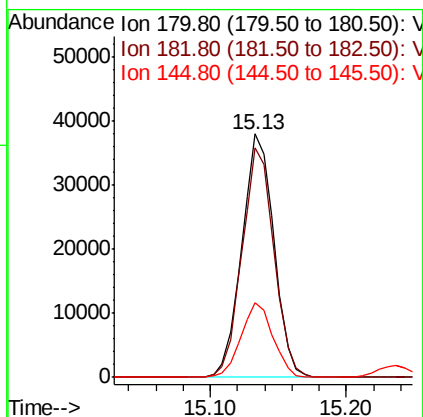
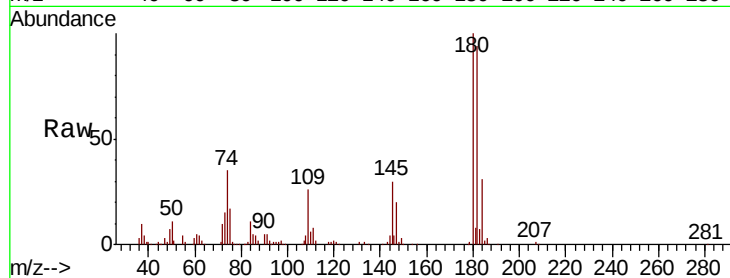




#93
 1,2,4-Trichlorobenzene
 Concen: 20.605 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

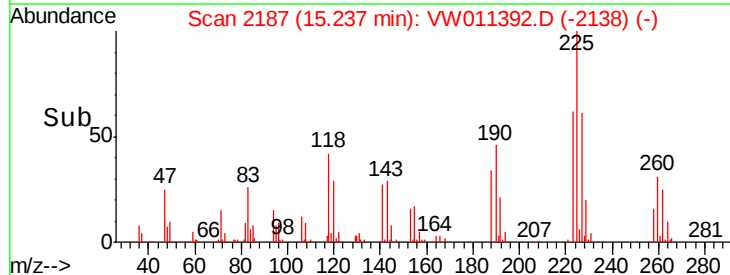
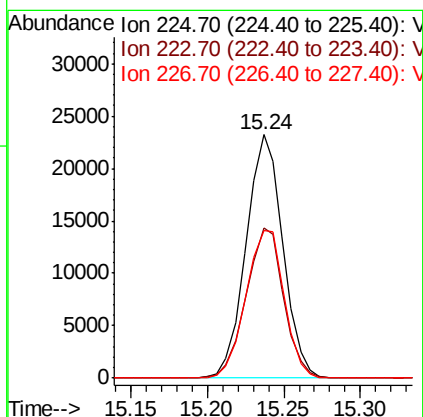
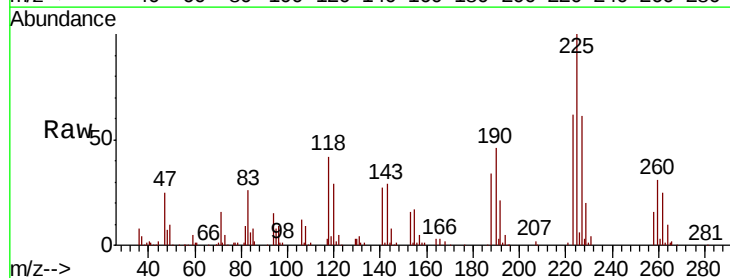
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0720SBS01

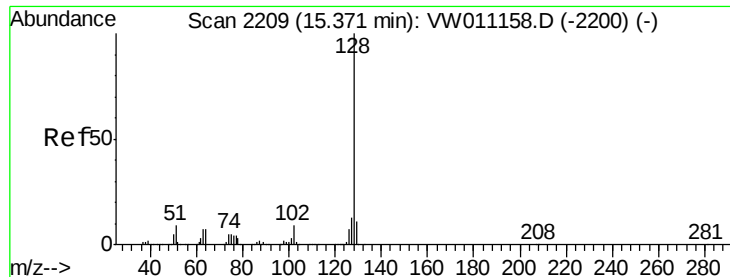
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.3	144.9
145	30.4	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 20.786 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011392.D
 Acq: 19 Jul 2019 23:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	63.4	32.0	96.0





#95

Naphthalene

Concen: 20.648 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

Instrument :

MSVOA_W

ClientSampleId :

VW0720SBS01

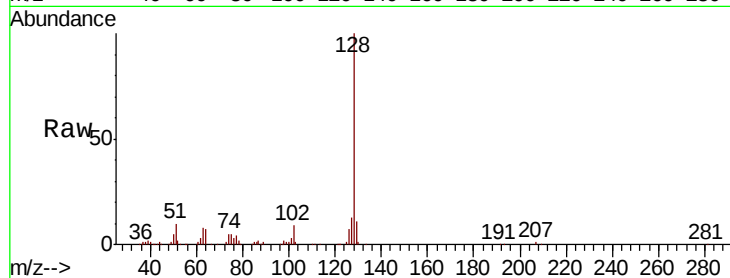
Tot Ion:128 Resp: 120163

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

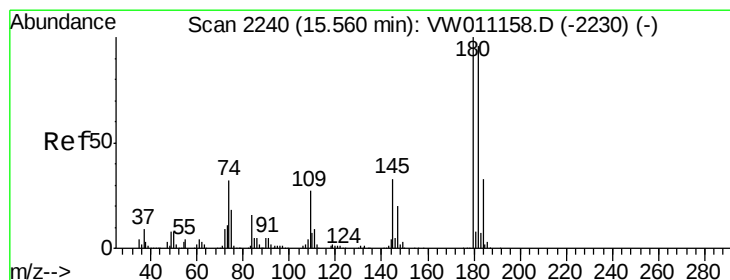
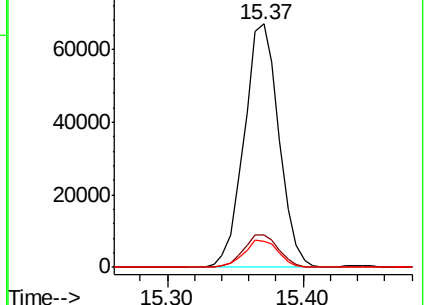
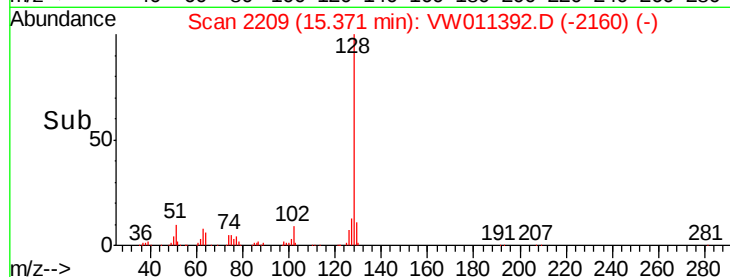
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.003 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011392.D

Acq: 19 Jul 2019 23:58

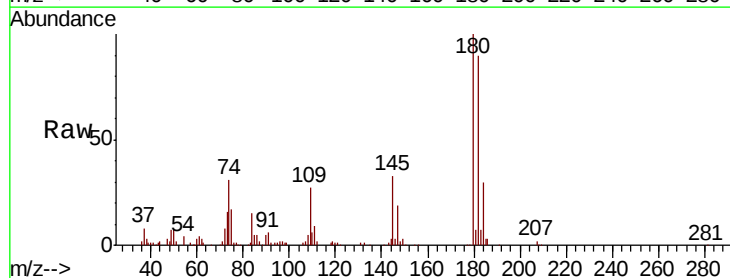
Tgt Ion:180 Resp: 56294

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

145 32.6 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

