

Data File : VW012744.D
Acq On : 08 Sep 2019 03:40
Operator : SY/VA
Sample : VW0907SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Quant Time: Sep 08 05:19:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	159273	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148359	58.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.44%	
35) Dibromofluoromethane	7.88	113	110829	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.32	98	438362	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	155758	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	24134	19.520	ug/l	96
3) Chloromethane	2.21	50	29439	19.592	ug/l	97
4) Vinyl Chloride	2.36	62	33780	18.335	ug/l	99
5) Bromomethane	2.77	94	20635	20.626	ug/l	93
6) Chloroethane	2.92	64	19774	17.986	ug/l	99
7) Trichlorofluoromethane	3.25	101	18282	14.380	ug/l	96
8) Diethyl Ether	3.68	74	19169	17.939	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	32027	16.052	ug/l	97
10) Methyl Iodide	4.27	142	44927	17.888	ug/l	97
11) Tert butyl alcohol	5.20	59	15079	77.341	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	30079	15.971	ug/l	95
13) Acrolein	3.89	56	10908	52.722	ug/l	95
14) Allyl chloride	4.66	41	63959	16.416	ug/l	97
15) Acrylonitrile	5.37	53	52334	83.853	ug/l	99
16) Acetone	4.14	43	43503	62.621	ug/l	98
17) Carbon Disulfide	4.37	76	68379	17.104	ug/l	99
18) Methyl Acetate	4.67	43	32302	19.819	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	69547	18.619	ug/l	95
20) Methylene Chloride	4.91	84	40739	18.745	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	35860	18.660	ug/l	90
22) Diisopropyl ether	6.31	45	162822	21.071	ug/l	95
23) Vinyl Acetate	6.25	43	468698	95.708	ug/l	98
24) 1,1-Dichloroethane	6.21	63	86884	20.882	ug/l	98
25) 2-Butanone	7.17	43	82108	93.633	ug/l	95
26) 2,2-Dichloropropane	7.16	77	45411	17.280	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	48518	21.774	ug/l	97
28) Bromochloromethane	7.51	49	40251	21.068	ug/l	97
29) Tetrahydrofuran	7.53	42	54155	96.534	ug/l	99
30) Chloroform	7.67	83	90033	21.834	ug/l	98
31) Cyclohexane	7.95	56	70260	18.757	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	68846	20.597	ug/l	99
36) 1,1-Dichloropropene	8.08	75	61814	19.210	ug/l	98
37) Ethyl Acetate	7.26	43	38592	18.814	ug/l	99
38) Carbon Tetrachloride	8.07	117	59294	18.693	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62072	17.175	ug/l	99
40) Benzene	8.32	78	183119	20.511	ug/l	100
41) Methacrylonitrile	7.48	41	23408	19.337	ug/l	93
42) 1,2-Dichloroethane	8.40	62	65366	20.804	ug/l	99
43) Isopropyl Acetate	8.42	43	72947	18.771	ug/l	97
44) Trichloroethene	9.09	130	44260	19.232	ug/l	93
45) 1,2-Dichloropropane	9.37	63	49524	20.000	ug/l	99
46) Dibromomethane	9.46	93	24081	20.537	ug/l	100
47) Bromodichloromethane	9.64	83	65474	20.296	ug/l	99
48) Methyl methacrylate	9.43	41	33682	18.136	ug/l	99
49) 1,4-Dioxane	9.47	88	8062	348.081	ug/l #	72
51) 4-Methyl-2-Pentanone	10.21	43	188249	92.314	ug/l	100
52) Toluene	10.38	92	110892	19.901	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	60811	18.332	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	70913	18.845	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34498	19.652	ug/l	95
56) Ethyl methacrylate	10.65	69	49430	19.236	ug/l	98
57) 1,3-Dichloropropane	10.93	76	64062	19.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	132566	97.177	ug/l	99
59) 2-Hexanone	10.97	43	126106	84.645	ug/l	98
60) Dibromochloromethane	11.13	129	39832	19.293	ug/l	99
61) 1,2-Dibromoethane	11.23	107	32738	20.342	ug/l	99
64) Tetrachloroethene	10.86	164	41093	21.023	ug/l	100
65) Chlorobenzene	11.65	112	119932	19.698	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	44303	19.539	ug/l	99
67) Ethyl Benzene	11.73	91	213603	18.699	ug/l	99
68) m/p-Xylenes	11.84	106	160721	38.978	ug/l	99
69) o-Xylene	12.16	106	75562	19.424	ug/l	99
70) Styrene	12.18	104	133976	19.490	ug/l	99
71) Bromoform	12.35	173	23509	18.662	ug/l #	97
73) Isopropylbenzene	12.46	105	205834	18.018	ug/l	100
74) N-amyl acetate	12.27	43	62830	17.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41687	18.171	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	54462	33.440	ug/l #	100
77) Bromobenzene	12.74	156	50788	19.624	ug/l	95
78) n-propylbenzene	12.80	91	249473	18.260	ug/l	100
79) 2-Chlorotoluene	12.89	91	150354	19.170	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	185546	19.276	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11777	15.294	ug/l	93
82) 4-Chlorotoluene	12.99	91	157748	19.014	ug/l	99
83) tert-Butylbenzene	13.21	119	158294	18.598	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	183882	18.958	ug/l	97
85) sec-Butylbenzene	13.38	105	214049	18.123	ug/l	100
86) p-Isopropyltoluene	13.50	119	198105	18.363	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	98782	19.418	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	97187	19.200	ug/l	99
89) n-Butylbenzene	13.82	91	181875	17.366	ug/l	99
90) Hexachloroethane	14.09	117	35191	18.686	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	85111	18.589	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7159	17.052	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59032	18.518	ug/l	97
94) Hexachlorobutadiene	15.24	225	39465	17.886	ug/l	98
95) Naphthalene	15.36	128	108965	19.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	48320	17.172	ug/l	100

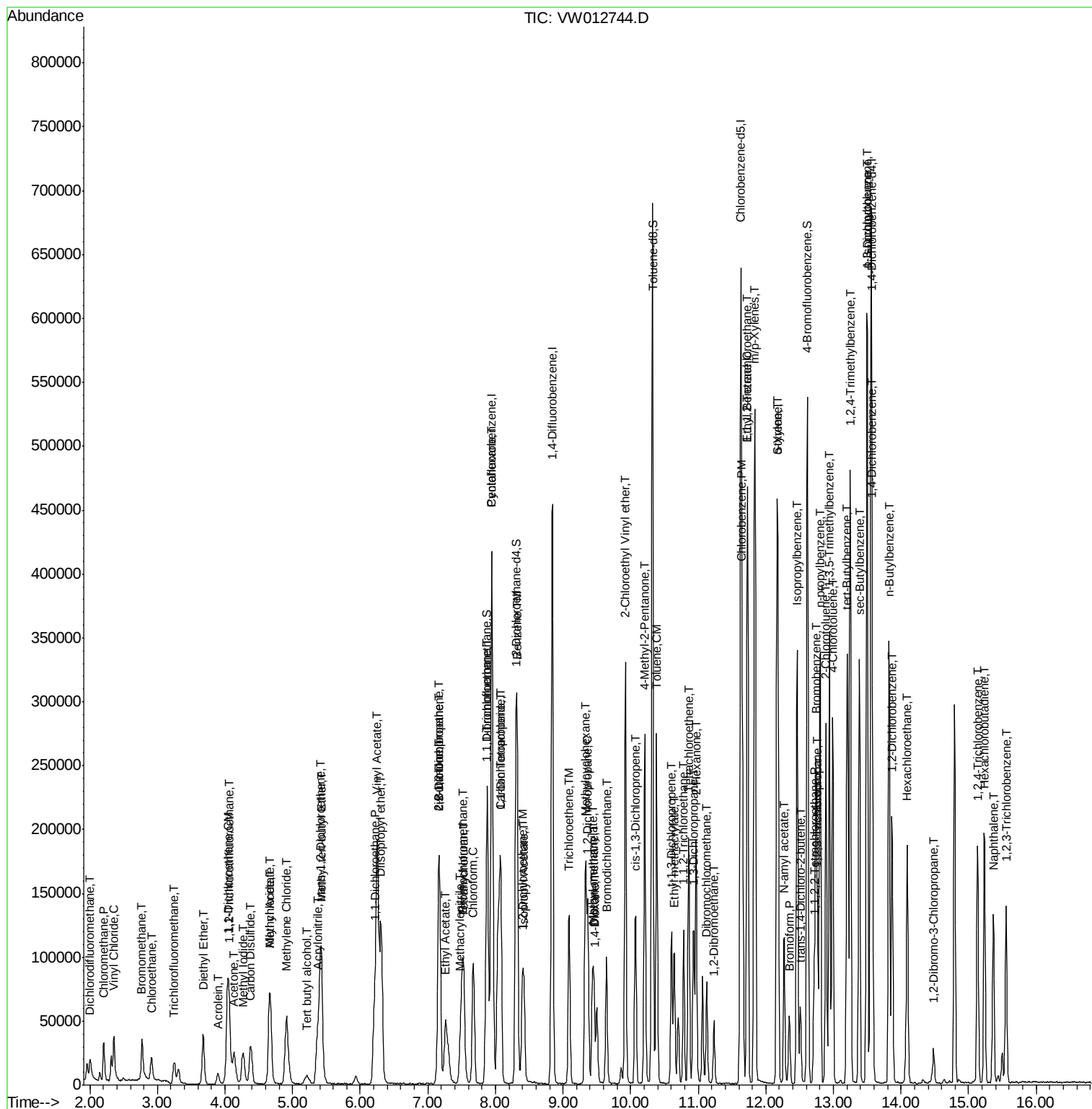
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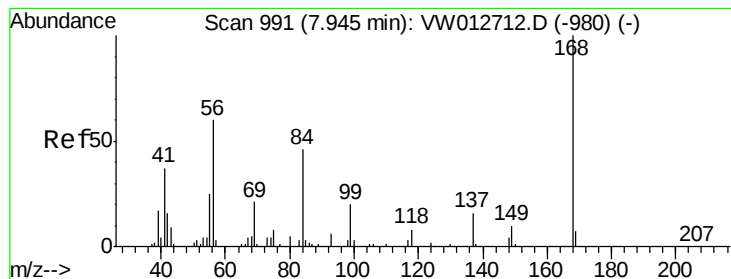
Data File : VW012744.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

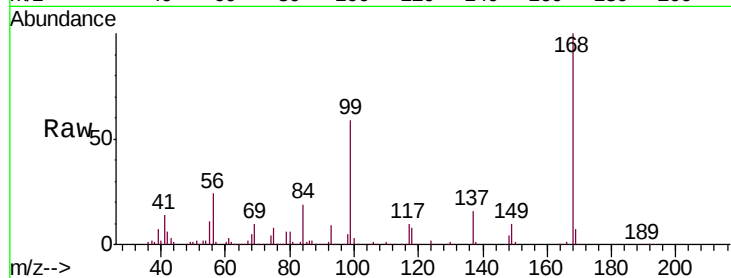
VW0907SBS02

Tgt Ion:168 Resp: 228064

Ion Ratio Lower Upper

168 100

99 59.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

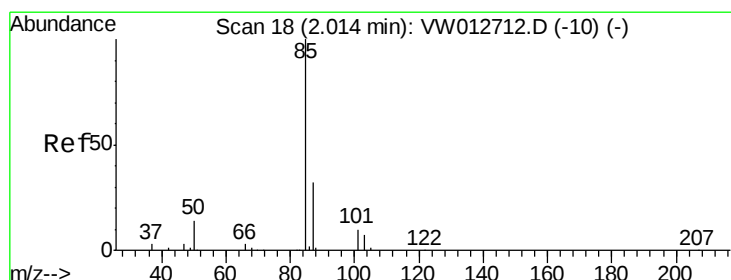
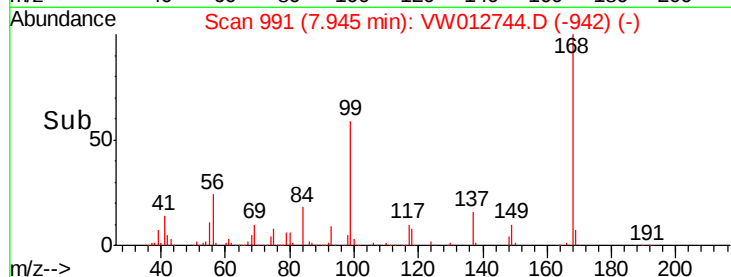
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.520 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012744.D

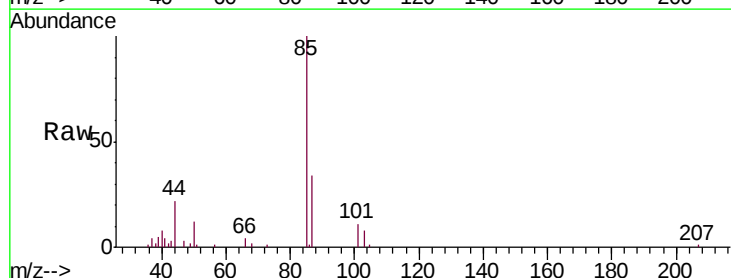
Acq: 08 Sep 2019 03:40

Tgt Ion: 85 Resp: 24134

Ion Ratio Lower Upper

85 100

87 33.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

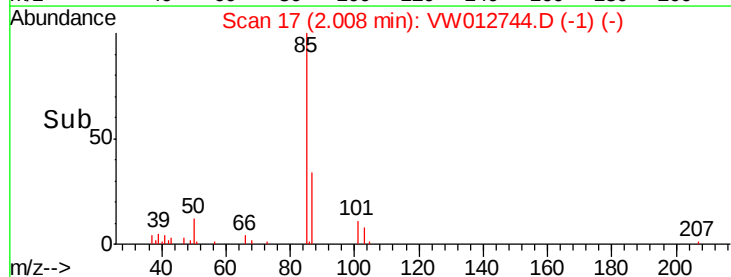
4000

2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.592 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

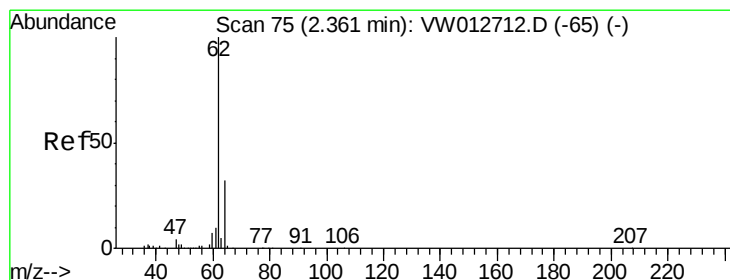
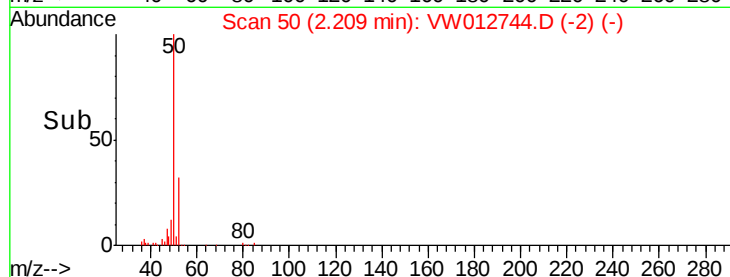
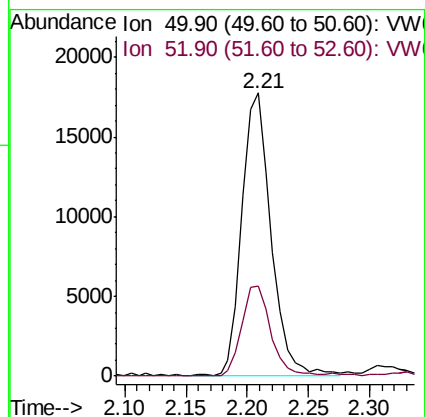
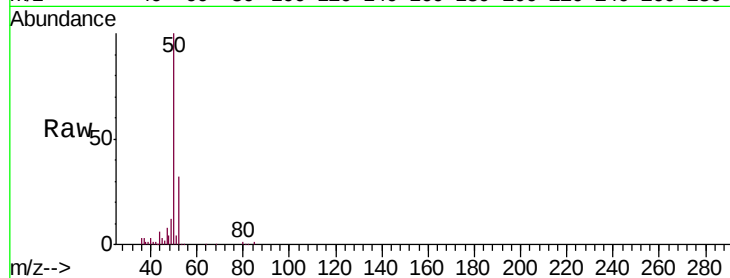
VW0907SBS02

Tgt Ion: 50 Resp: 29439

Ion Ratio Lower Upper

50 100

52 31.9 24.2 36.2



#4

Vinyl Chloride

Concen: 18.335 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012744.D

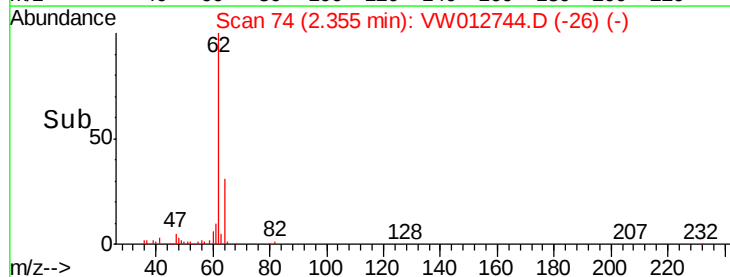
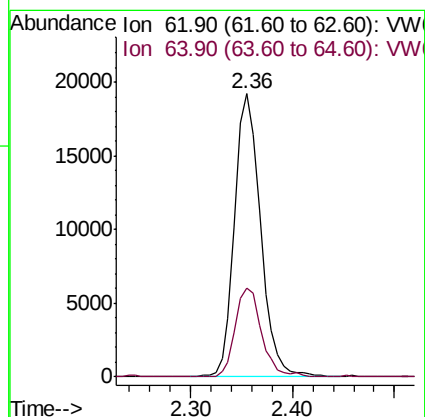
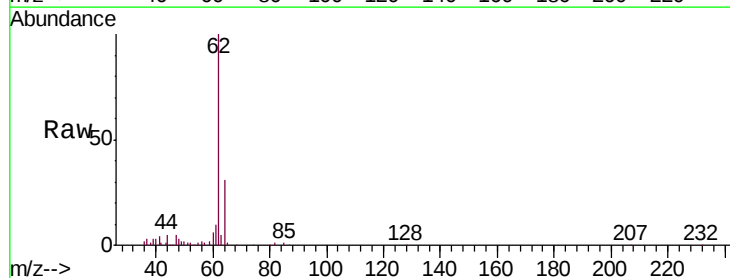
Acq: 08 Sep 2019 03:40

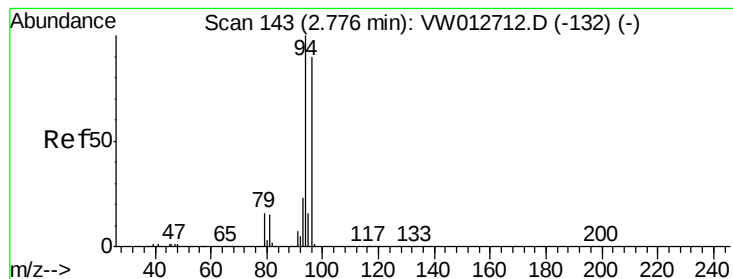
Tgt Ion: 62 Resp: 33780

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 20.626 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

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ClientSampleId :

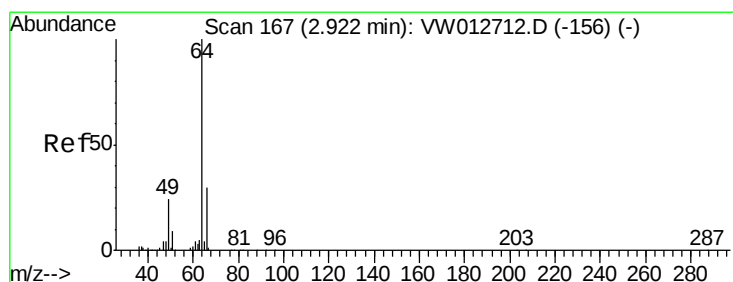
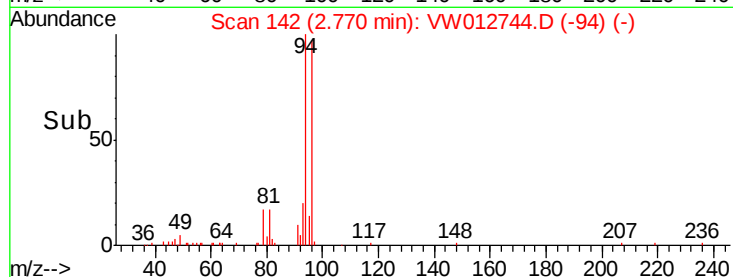
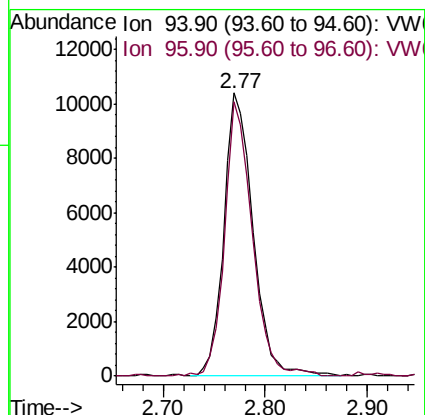
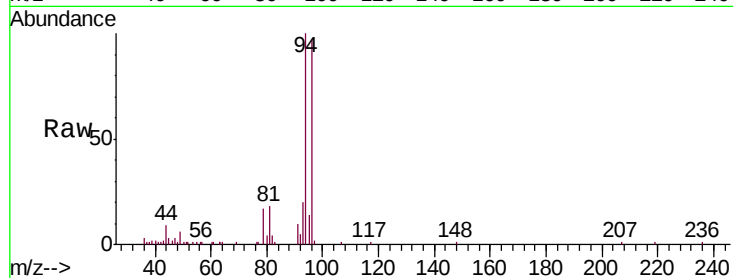
VW0907SBS02

Tgt Ion: 94 Resp: 20635

Ion Ratio Lower Upper

94 100

96 96.9 72.1 108.1



#6

Chloroethane

Concen: 17.986 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012744.D

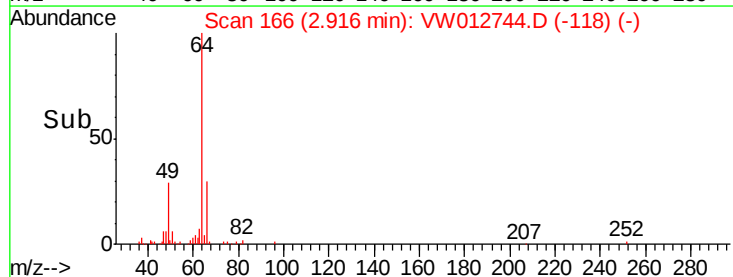
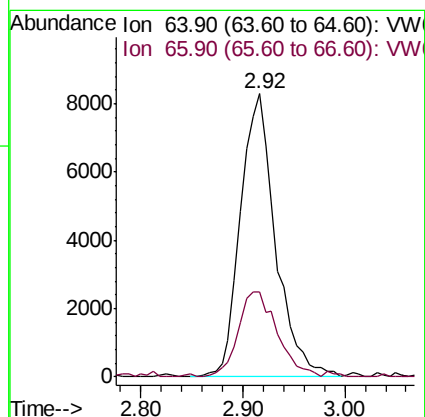
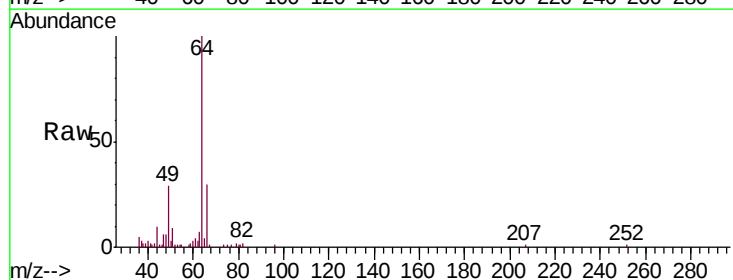
Acq: 08 Sep 2019 03:40

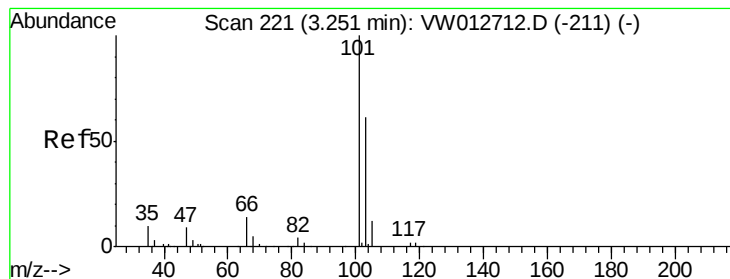
Tgt Ion: 64 Resp: 19774

Ion Ratio Lower Upper

64 100

66 29.2 23.8 35.6



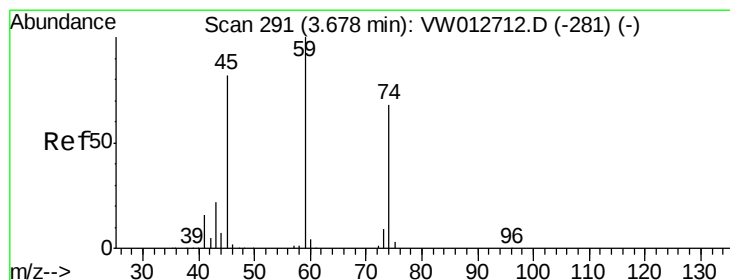
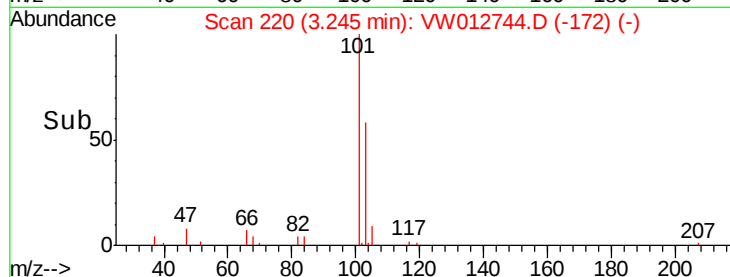
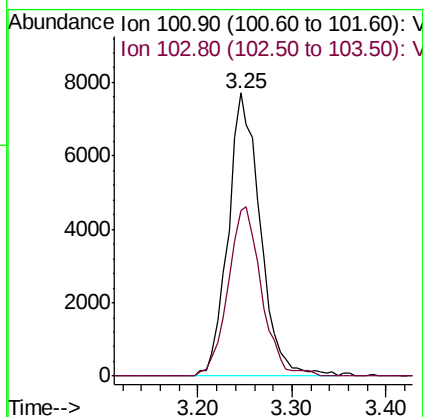
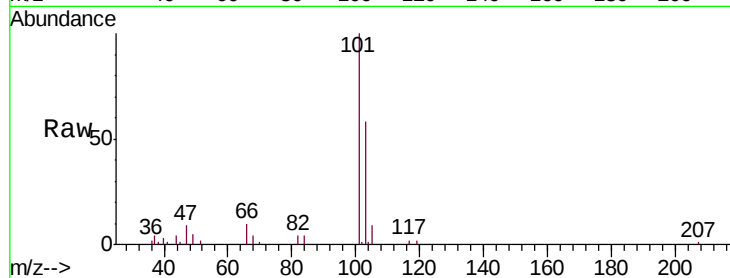


#7

Trichlorofluoromethane
 Concen: 14.380 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
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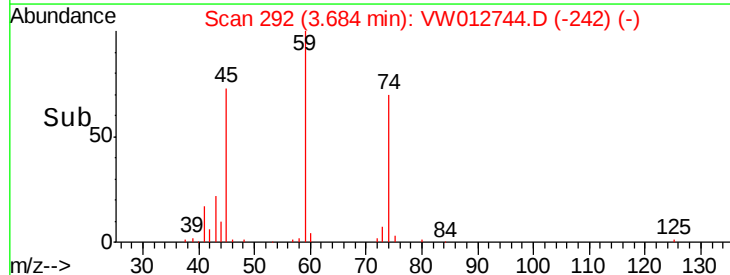
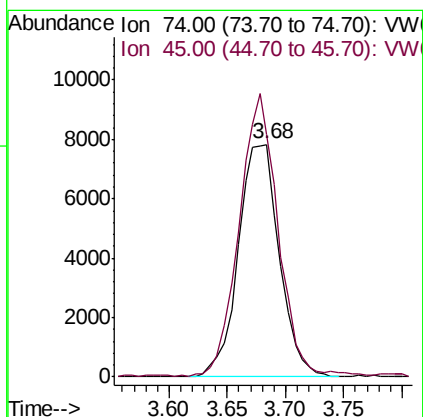
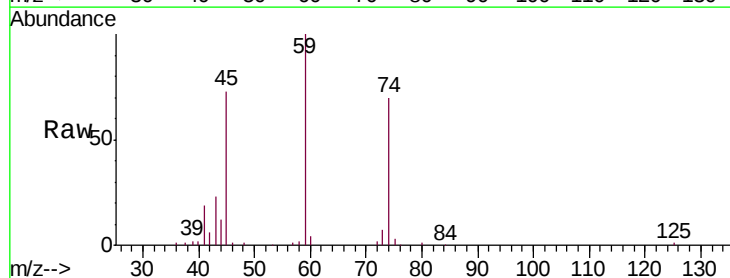
Tgt Ion: 101 Resp: 18282
 Ion Ratio Lower Upper
 101 100
 103 58.3 49.0 73.4

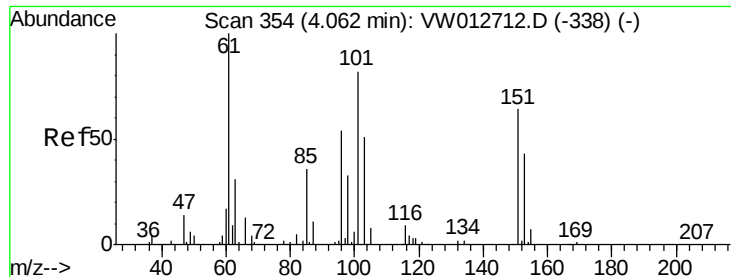


#8

Diethyl Ether
 Concen: 17.939 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion: 74 Resp: 19169
 Ion Ratio Lower Upper
 74 100
 45 114.8 58.8 176.4

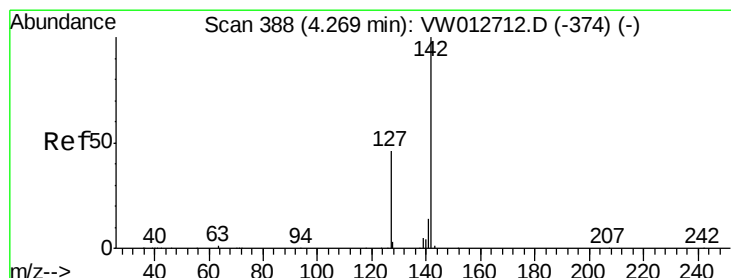
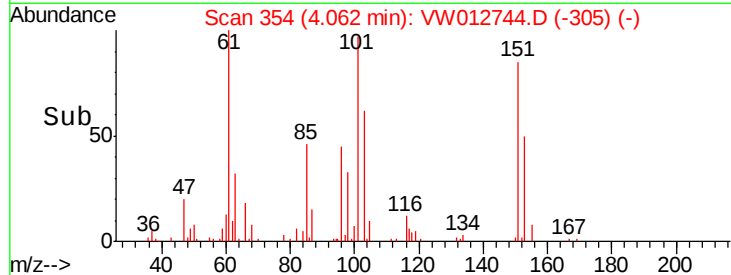
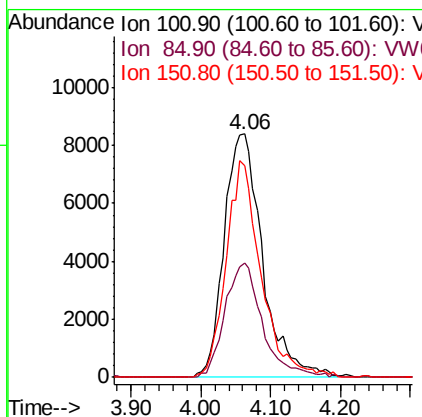
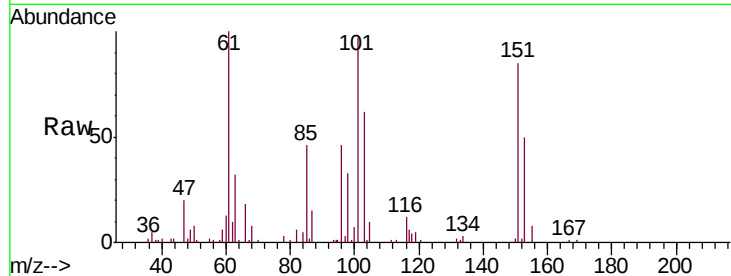




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.052 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VW012744.D
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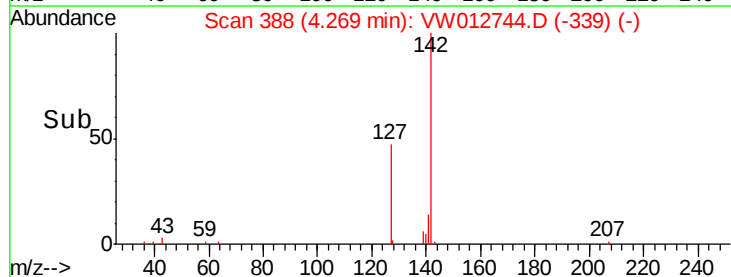
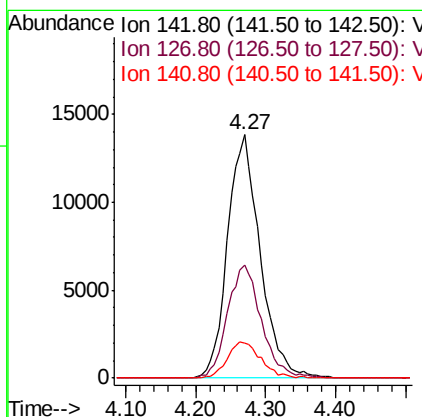
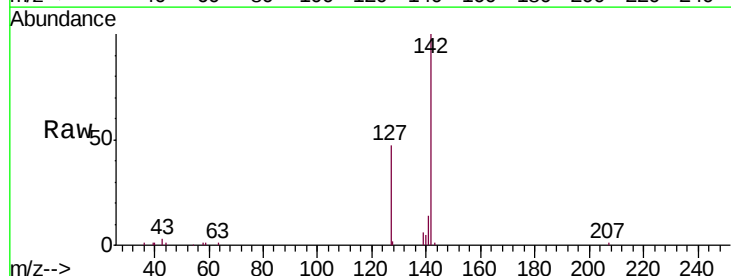
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

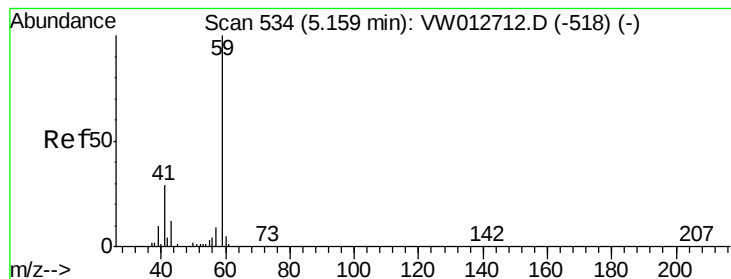
Tgt Ion:101 Resp: 32027
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.2 54.2
 151 80.8 61.9 92.9



#10
 Methyl Iodide
 Concen: 17.888 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion:142 Resp: 44927
 Ion Ratio Lower Upper
 142 100
 127 48.0 36.0 54.0
 141 15.2 12.2 18.4





#11

Tert butyl alcohol

Concen: 77.341 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.04 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

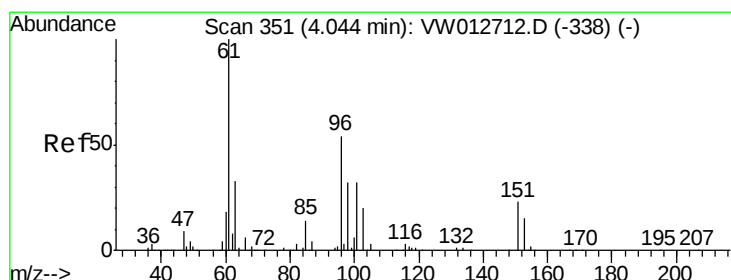
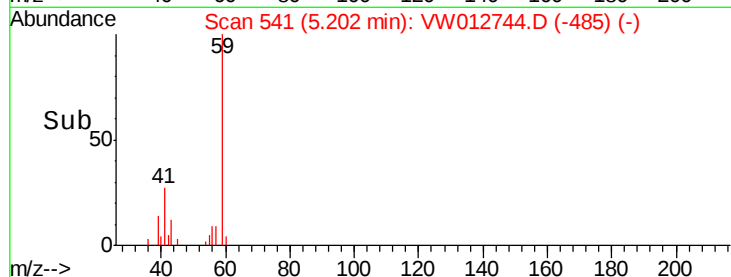
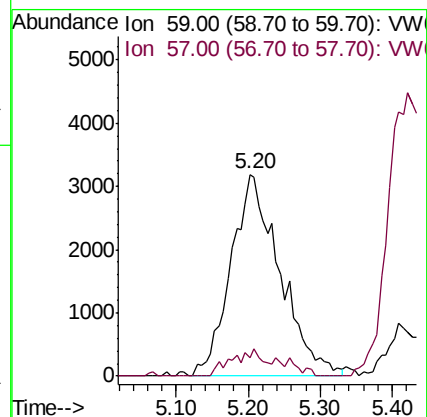
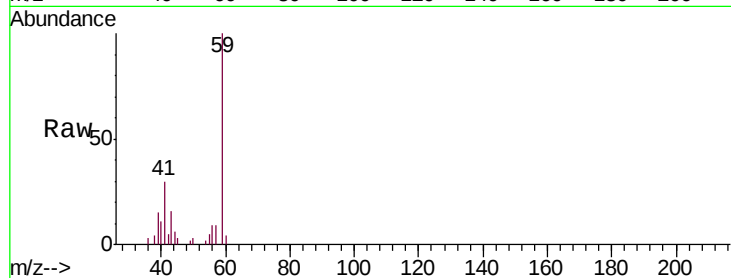
VW0907SBS02

Tgt Ion: 59 Resp: 15079

Ion Ratio Lower Upper

59 100

57 3.7 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 15.971 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

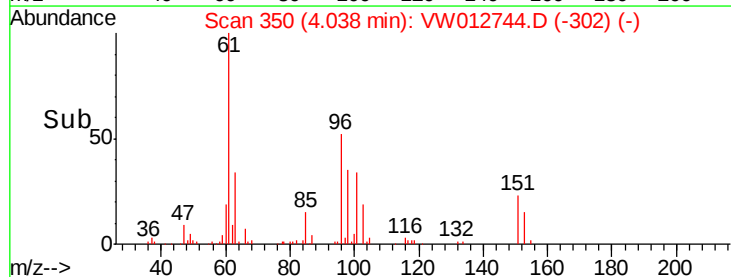
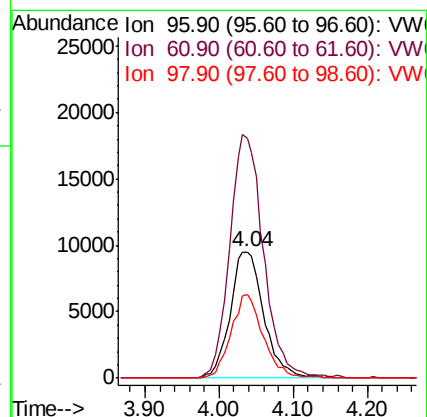
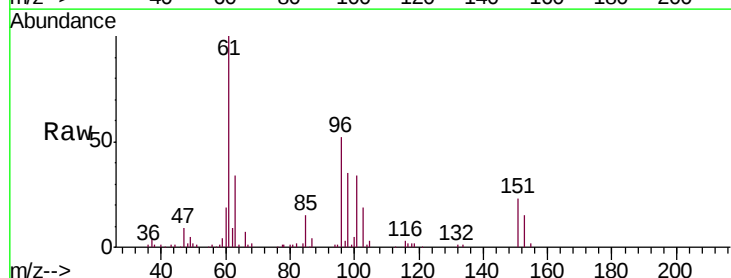
Tgt Ion: 96 Resp: 30079

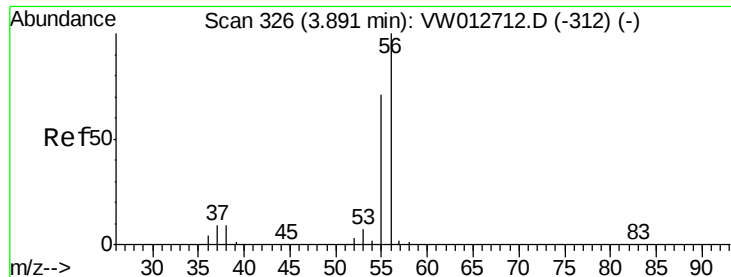
Ion Ratio Lower Upper

96 100

61 190.6 147.8 221.6

98 65.9 47.9 71.9





#13

Acrolein

Concen: 52.722 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

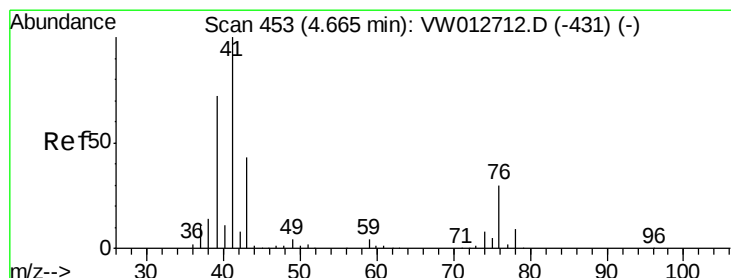
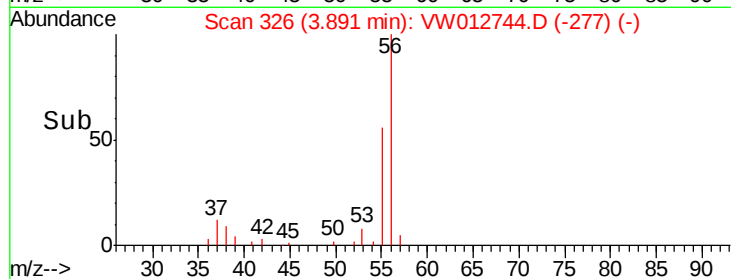
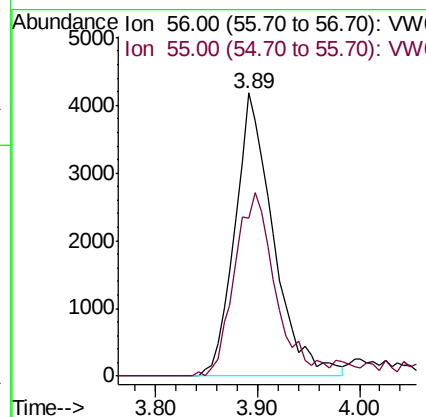
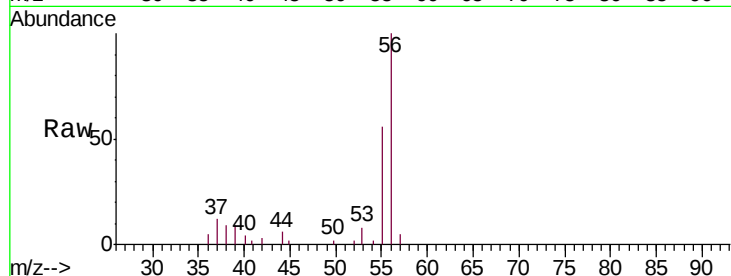
VW0907SBS02

Tgt Ion: 56 Resp: 10908

Ion Ratio Lower Upper

56 100

55 67.2 56.9 85.3



#14

Allyl chloride

Concen: 16.416 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

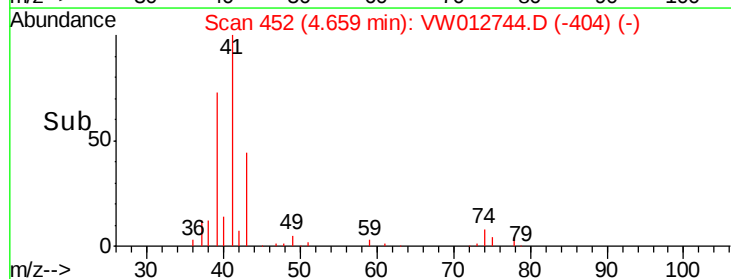
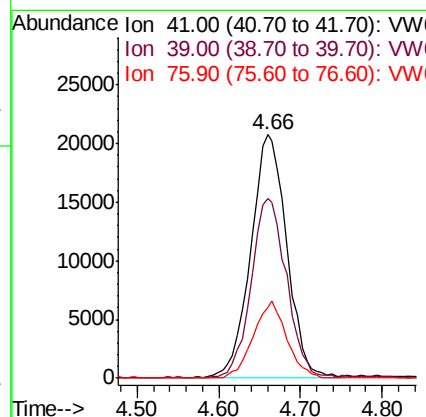
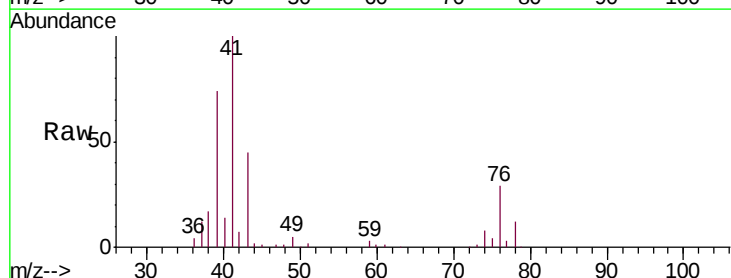
Tgt Ion: 41 Resp: 63959

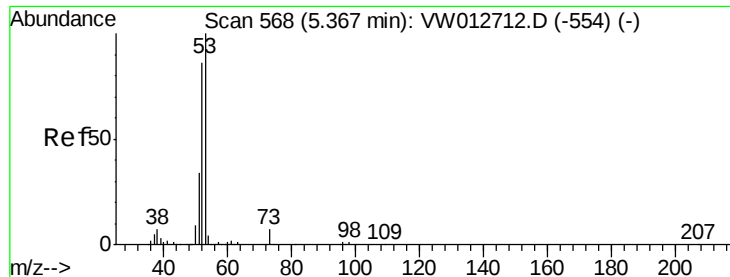
Ion Ratio Lower Upper

41 100

39 72.4 55.0 82.6

76 29.1 23.0 34.4





#15

Acrylonitrile

Concen: 83.853 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

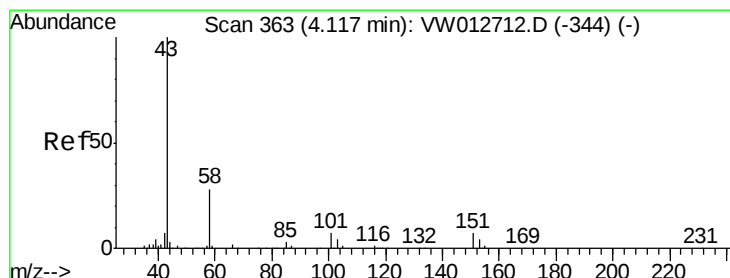
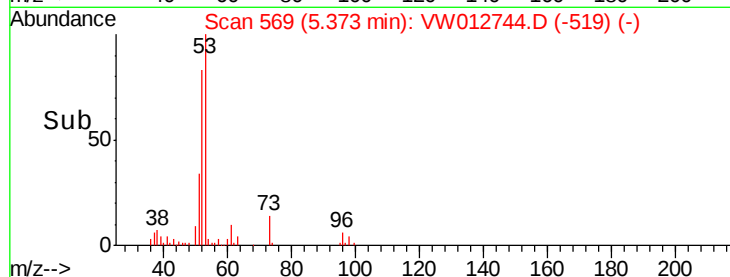
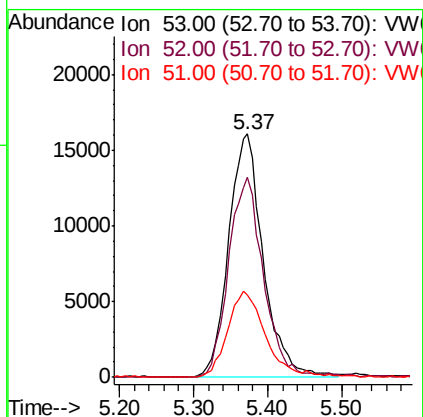
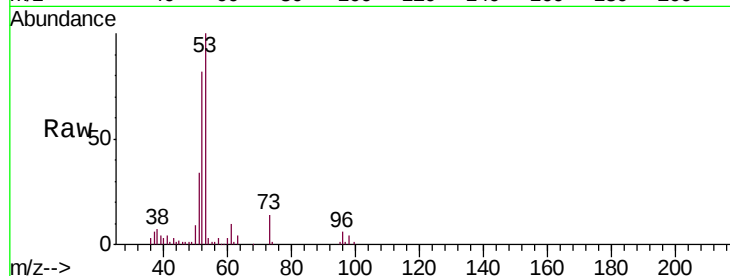
Tgt Ion: 53 Resp: 52334

Ion Ratio Lower Upper

53 100

52 82.4 67.0 100.4

51 37.5 29.8 44.8



#16

Acetone

Concen: 62.621 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012744.D

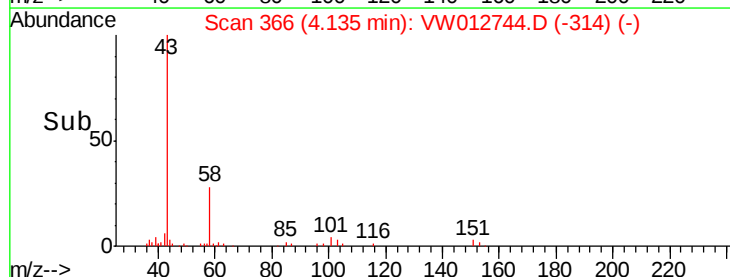
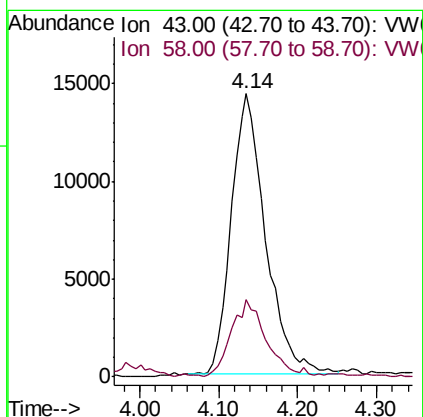
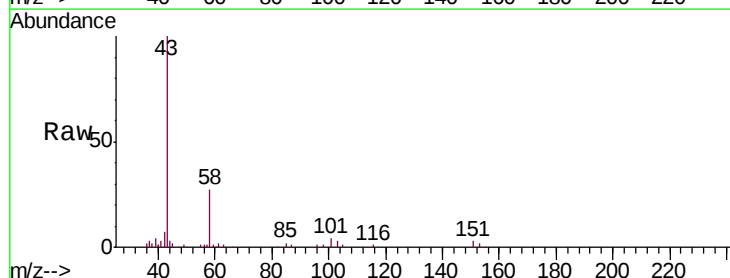
Acq: 08 Sep 2019 03:40

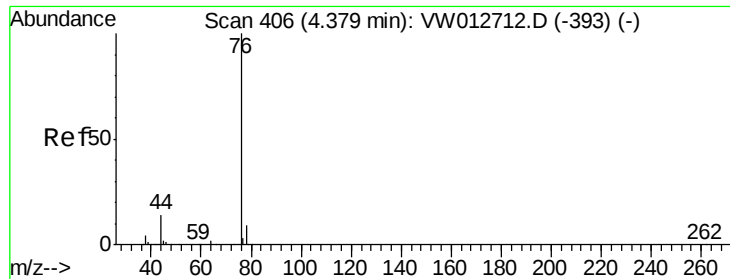
Tgt Ion: 43 Resp: 43503

Ion Ratio Lower Upper

43 100

58 27.1 22.6 33.8

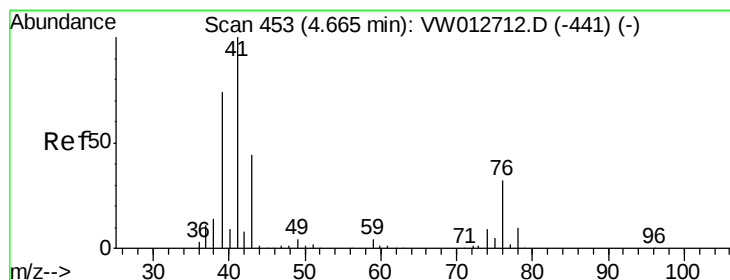
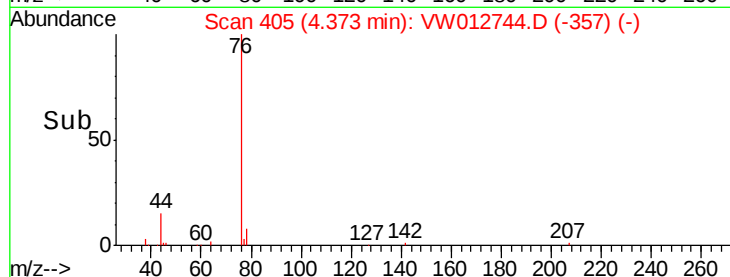
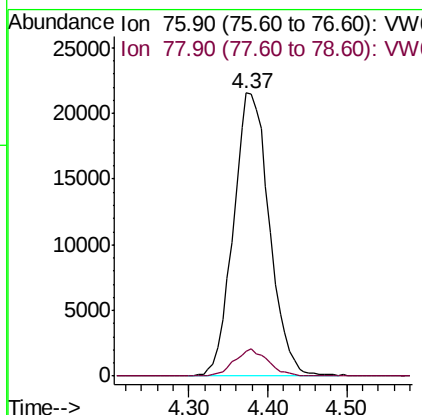
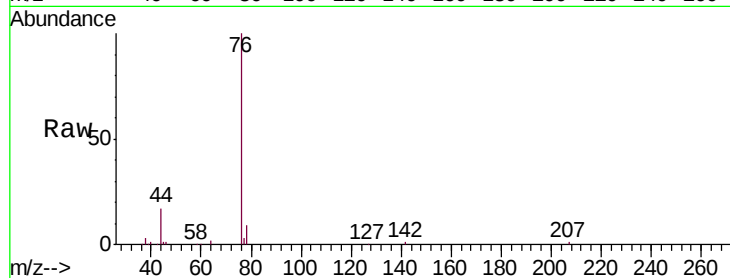




#17
Carbon Disulfide
Concen: 17.104 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

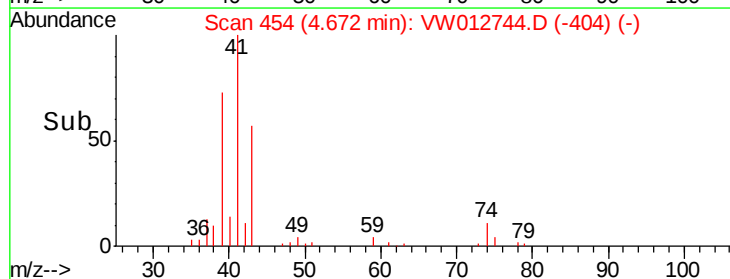
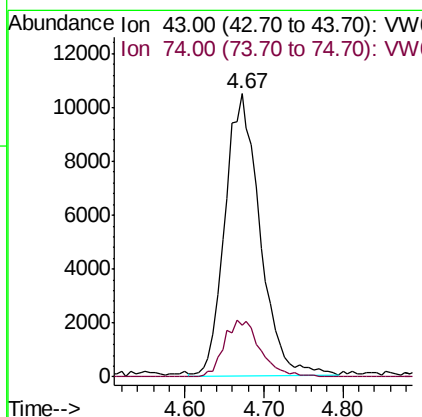
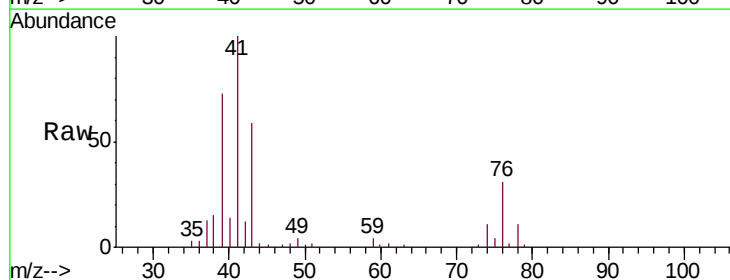
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

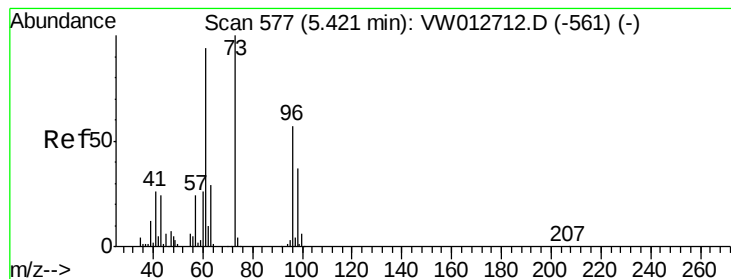
Tgt Ion: 76 Resp: 68379
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 19.819 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion: 43 Resp: 32302
Ion Ratio Lower Upper
43 100
74 20.8 15.8 23.6



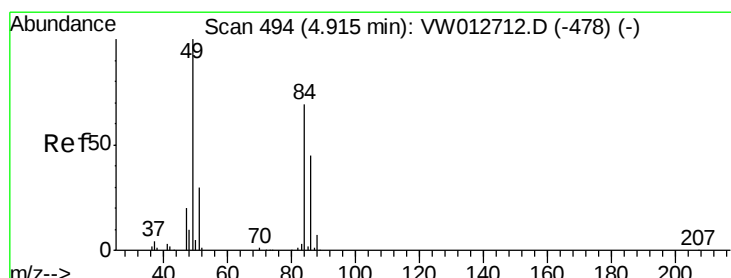
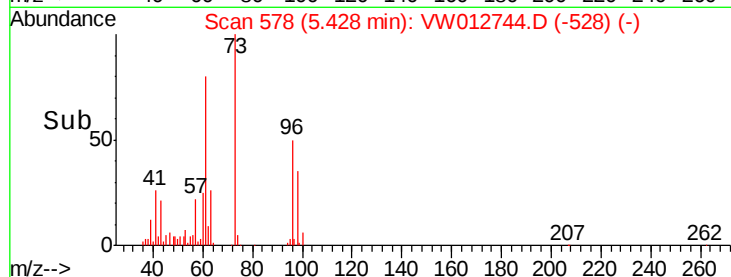
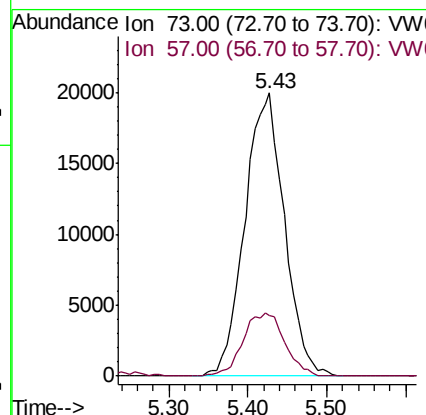
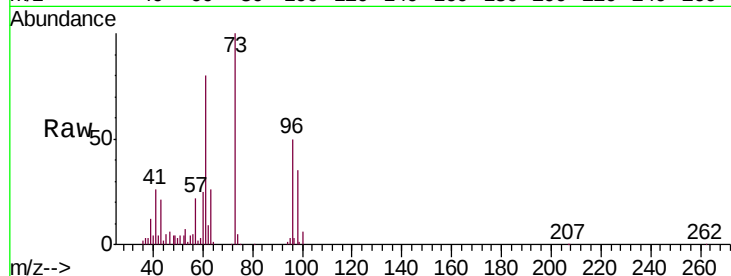


#19

Methyl tert-butyl Ether
 Concen: 18.619 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

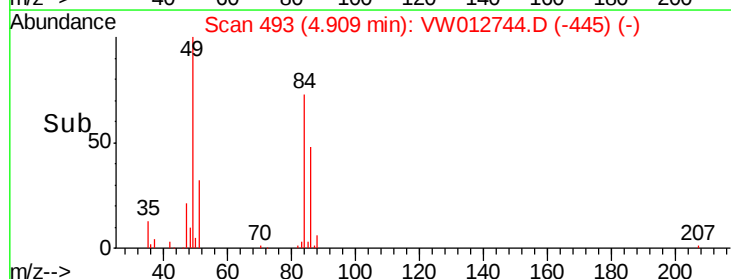
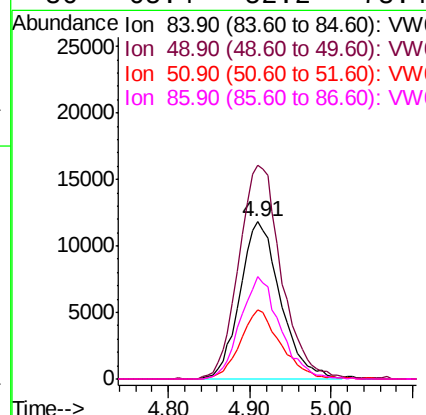
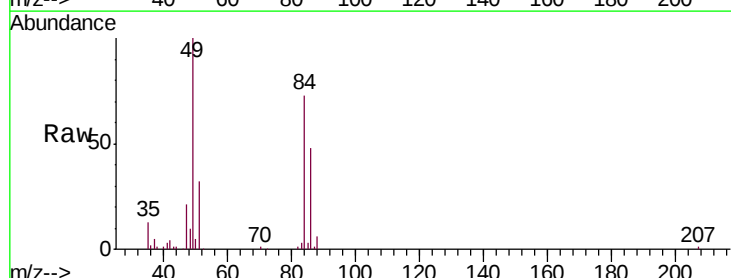
Tgt Ion: 73 Resp: 69547
 Ion Ratio Lower Upper
 73 100
 57 21.5 19.2 28.8

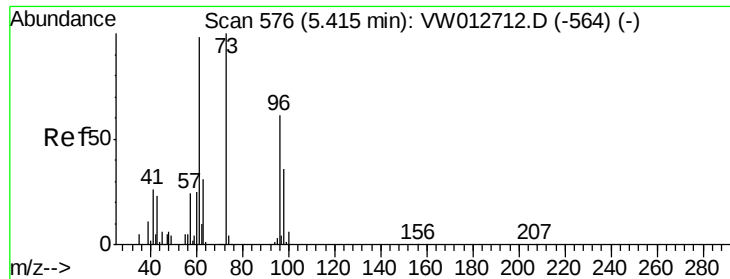


#20

Methylene Chloride
 Concen: 18.745 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion: 84 Resp: 40739
 Ion Ratio Lower Upper
 84 100
 49 136.1 115.4 173.0
 51 44.0 34.9 52.3
 86 65.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.660 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

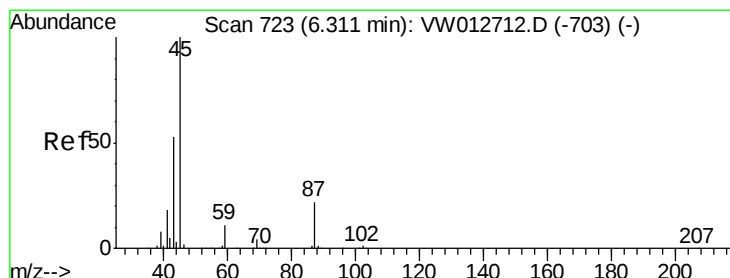
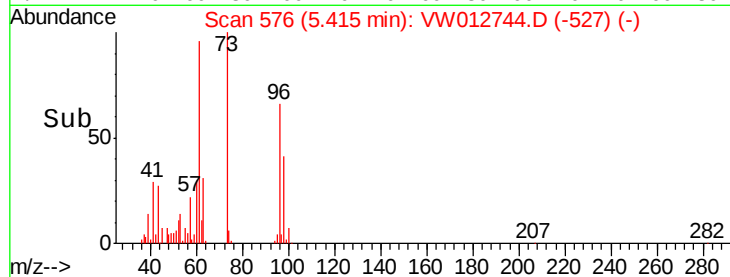
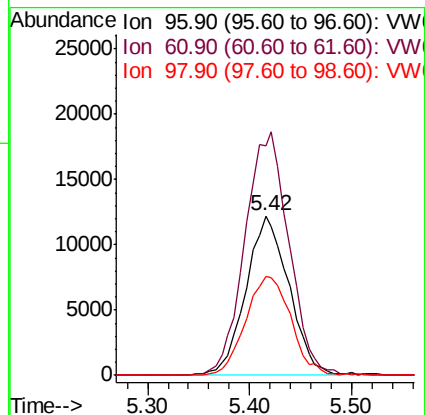
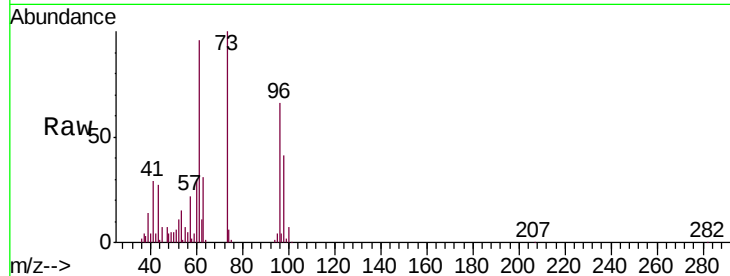
Tgt Ion: 96 Resp: 35860

Ion Ratio Lower Upper

96 100

61 144.3 129.2 193.8

98 61.8 48.0 72.0



#22

Diisopropyl ether

Concen: 21.071 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Tgt Ion: 45 Resp: 162822

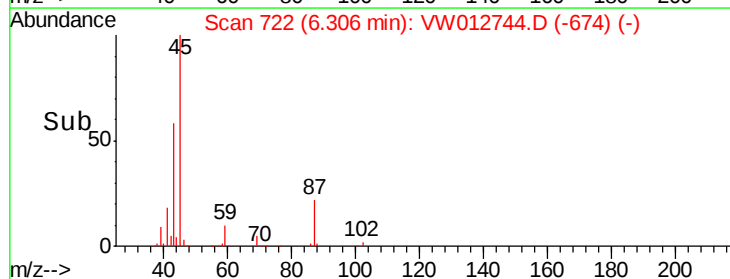
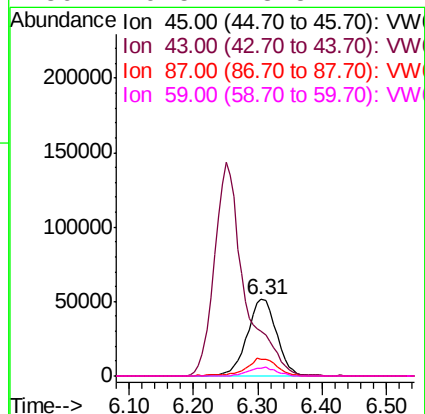
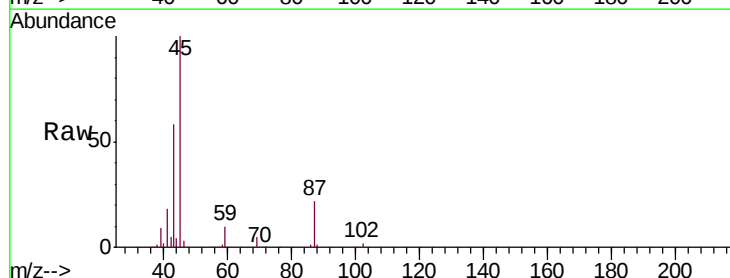
Ion Ratio Lower Upper

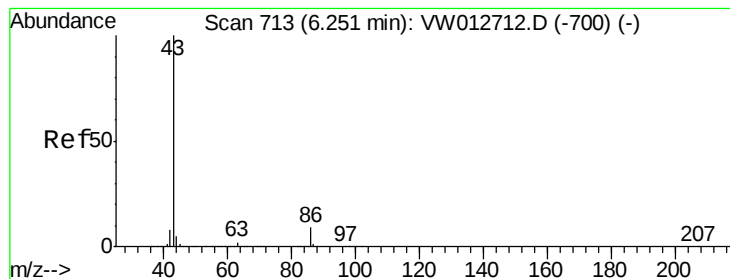
45 100

43 57.2 42.3 63.5

87 21.8 18.2 27.2

59 9.5 8.5 12.7





#23

Vinyl Acetate

Concen: 95.708 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

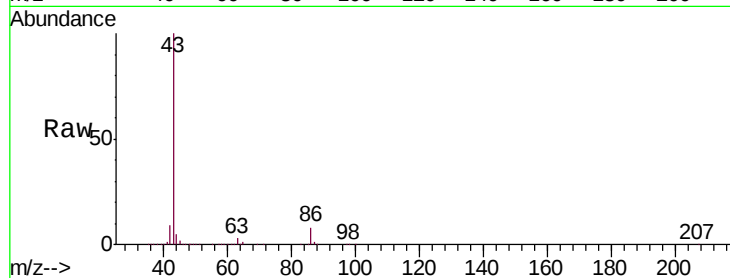
VW0907SBS02

Tgt Ion: 43 Resp: 468698

Ion Ratio Lower Upper

43 100

86 8.2 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

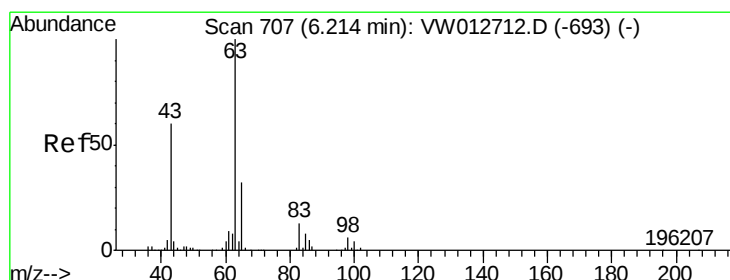
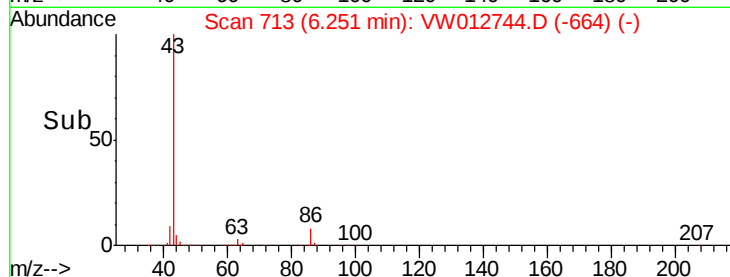
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.882 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

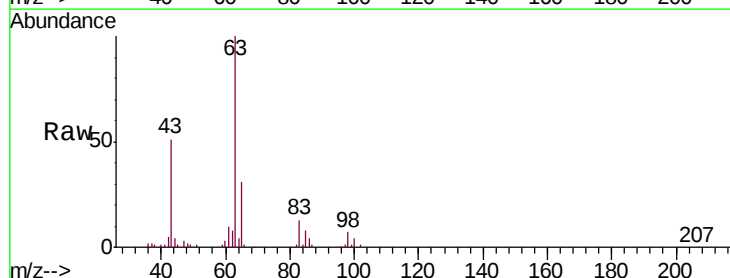
Tgt Ion: 63 Resp: 86884

Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.3

100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

40000

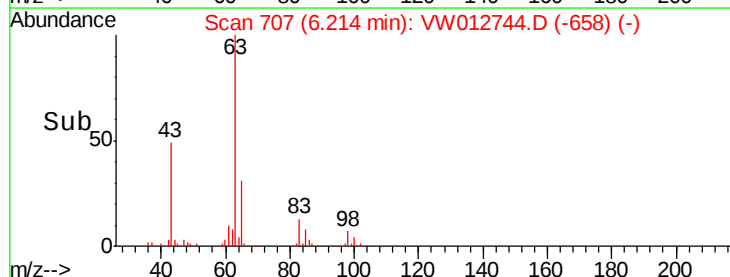
30000

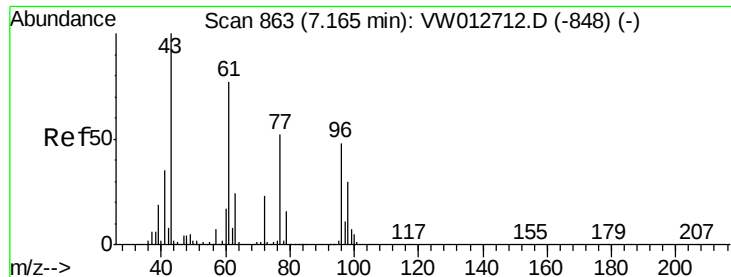
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.633 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

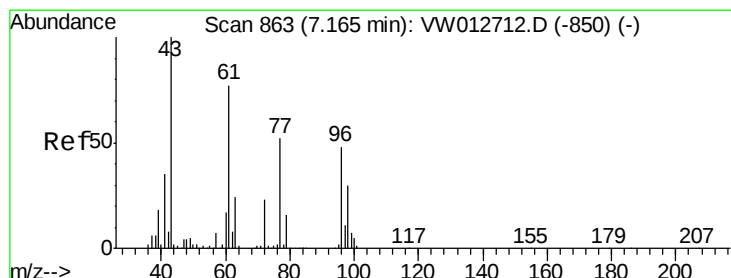
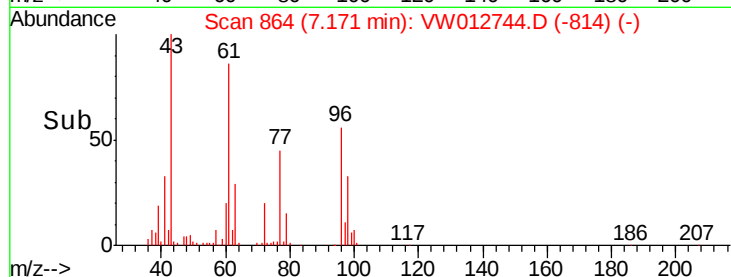
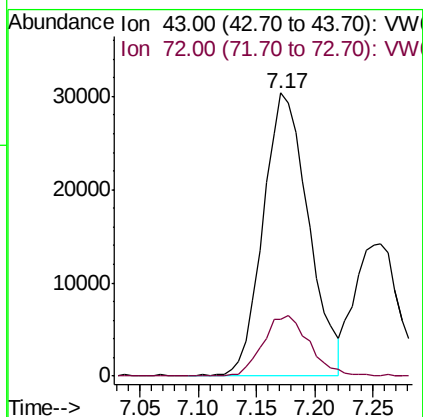
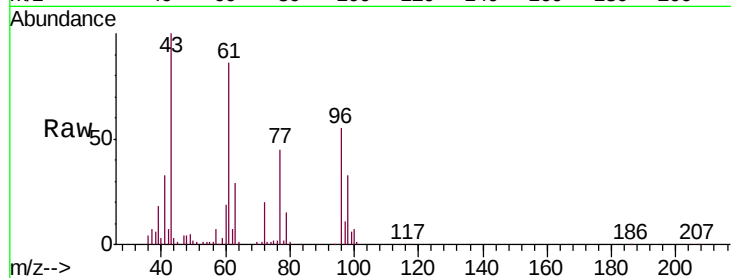
VW0907SBS02

Tgt Ion: 43 Resp: 82108

Ion Ratio Lower Upper

43 100

72 20.1 18.0 27.0



#26

2,2-Dichloropropane

Concen: 17.280 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012744.D

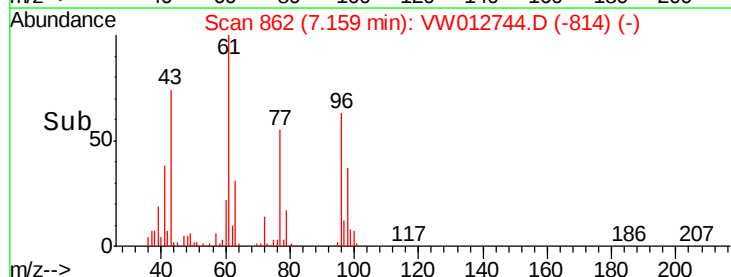
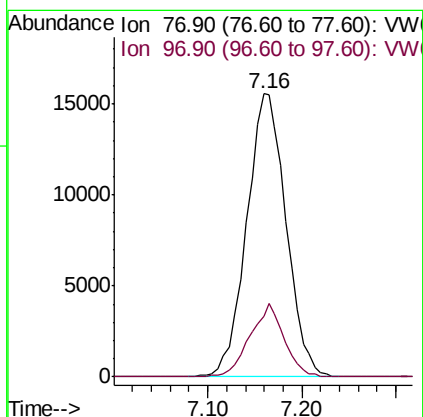
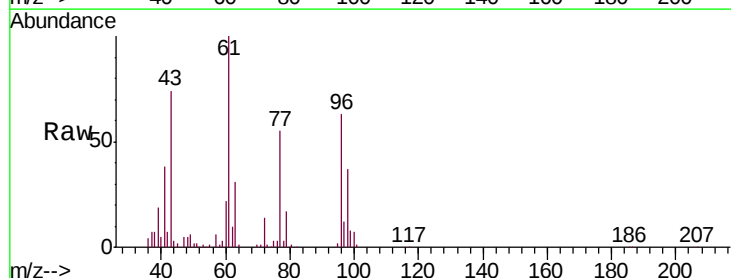
Acq: 08 Sep 2019 03:40

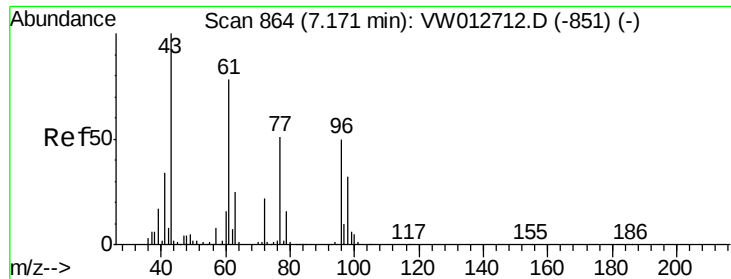
Tgt Ion: 77 Resp: 45411

Ion Ratio Lower Upper

77 100

97 22.4 10.7 32.1



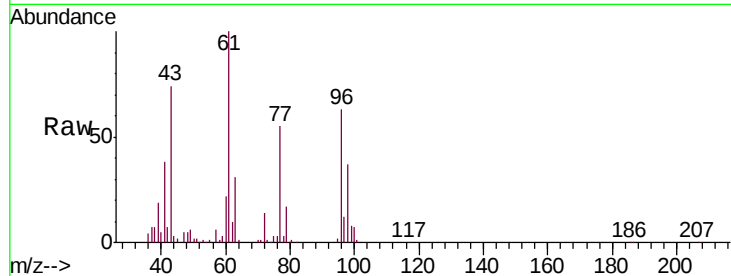


#27

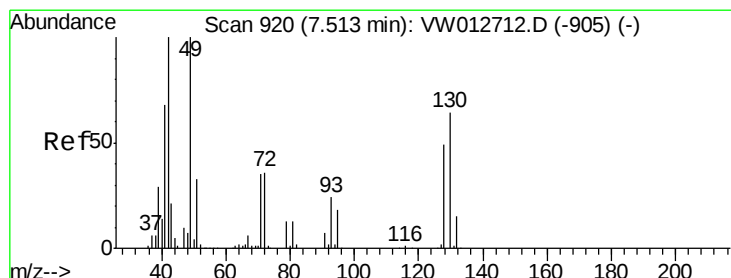
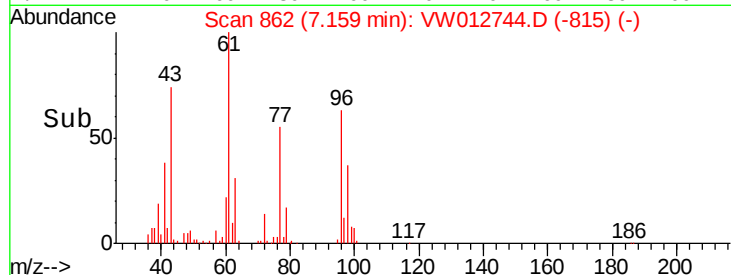
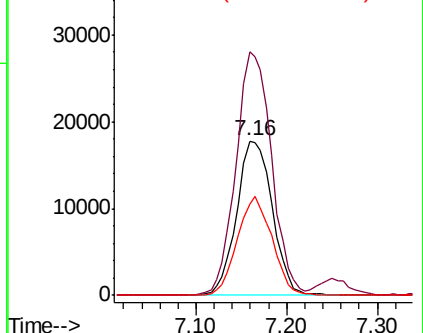
cis-1,2-Dichloroethene
 Concen: 21.774 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tgt Ion: 96 Resp: 48518
 Ion Ratio Lower Upper
 96 100
 61 157.5 0.0 325.8
 98 62.5 0.0 127.0



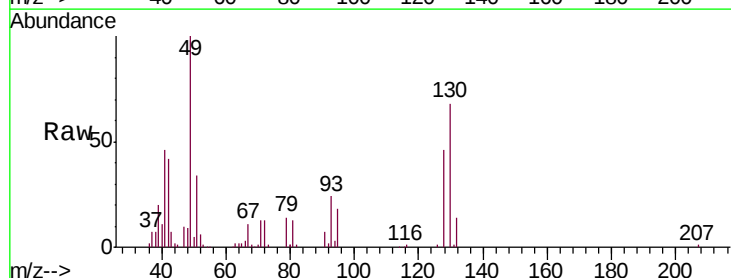
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



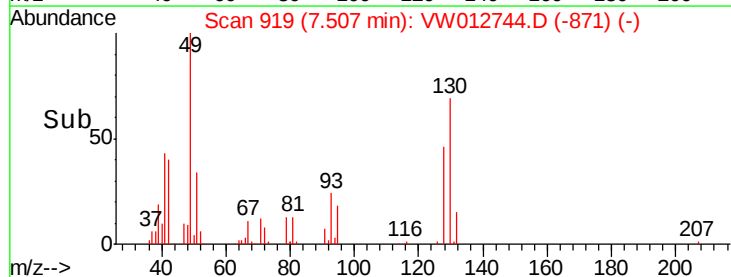
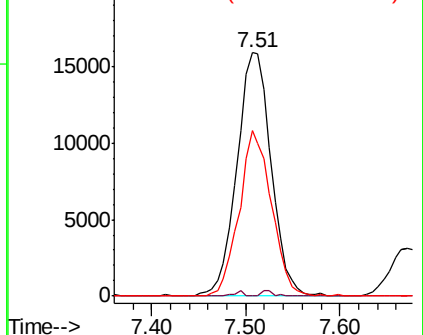
#28

Bromochloromethane
 Concen: 21.068 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion: 49 Resp: 40251
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 0.8
 130 64.4 49.8 74.8



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

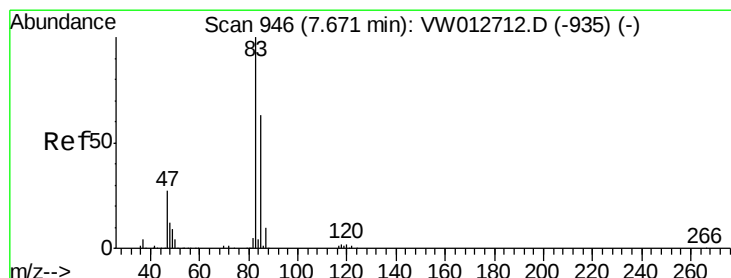
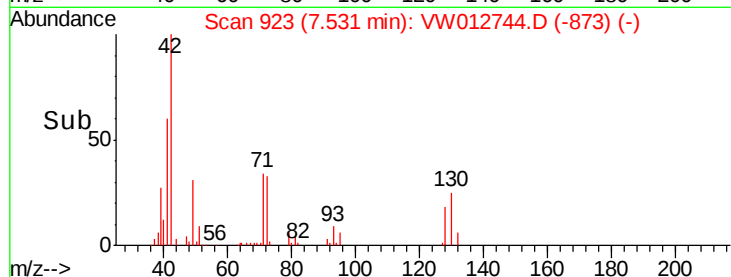
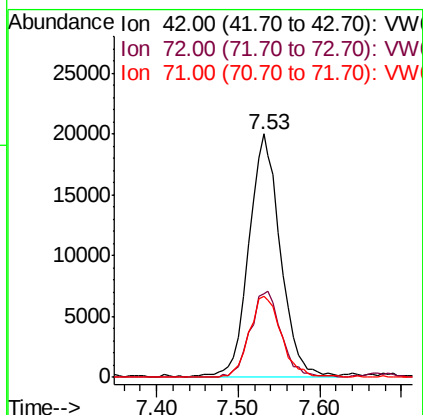
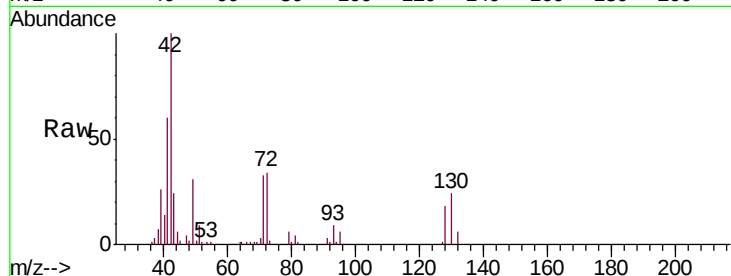




#29
Tetrahydrofuran
Concen: 96.534 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

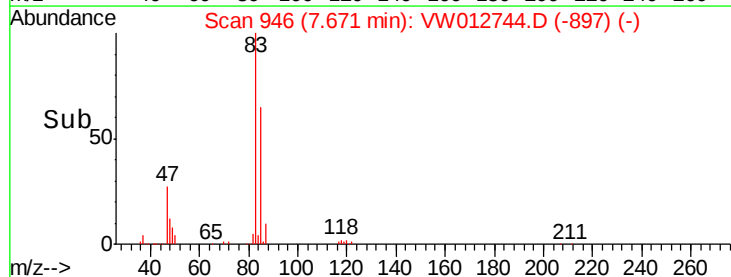
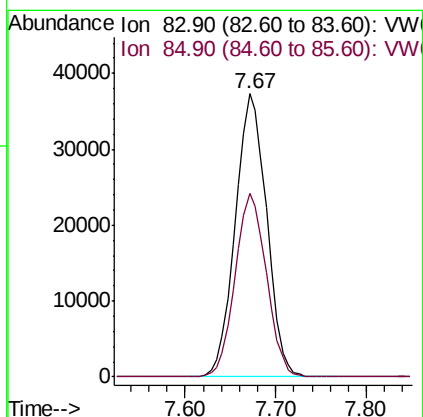
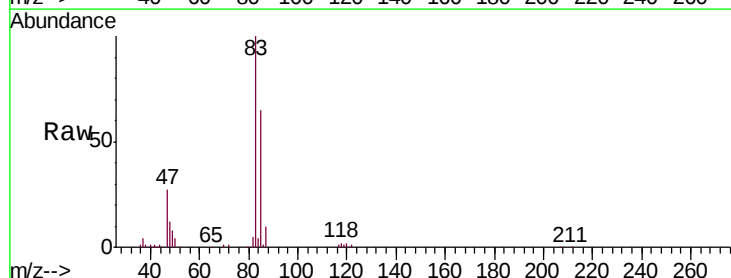
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

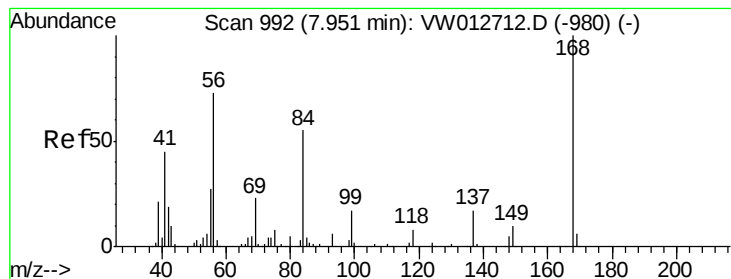
Tgt Ion: 42 Resp: 54155
Ion Ratio Lower Upper
42 100
72 34.7 28.4 42.6
71 33.5 27.1 40.7



#30
Chloroform
Concen: 21.834 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion: 83 Resp: 90033
Ion Ratio Lower Upper
83 100
85 64.6 50.6 76.0





#31

Cyclohexane

Concen: 18.757 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

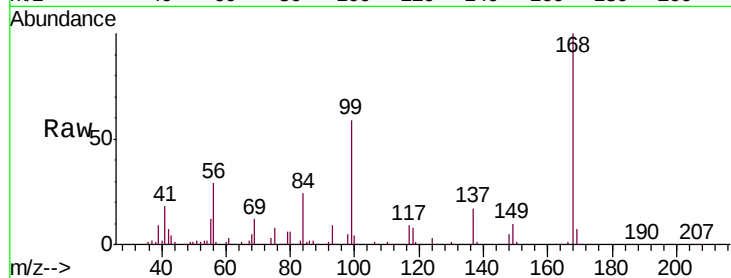
Tgt Ion: 56 Resp: 70260

Ion Ratio Lower Upper

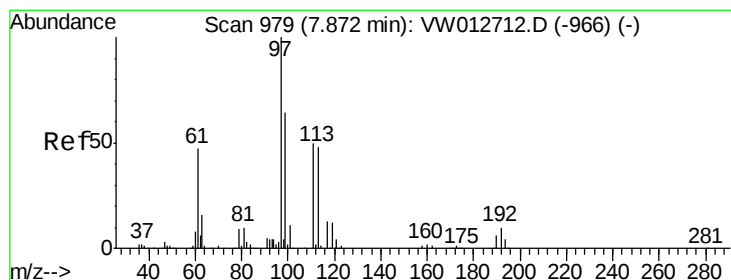
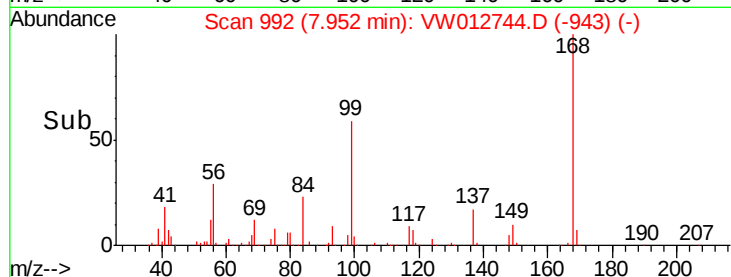
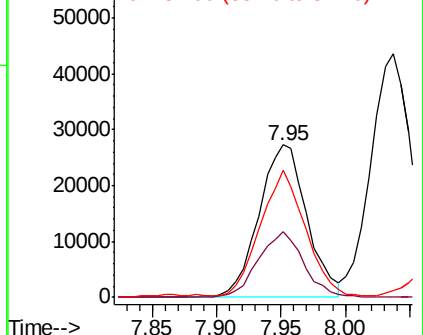
56 100

69 42.7 25.7 38.5#

84 82.0 60.4 90.6



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: 20.597 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

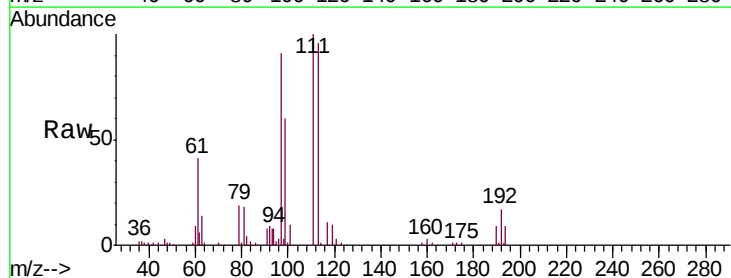
Tgt Ion: 97 Resp: 68846

Ion Ratio Lower Upper

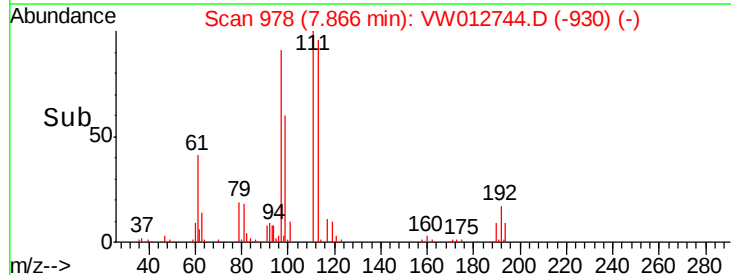
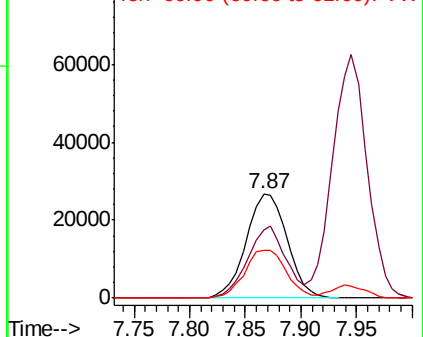
97 100

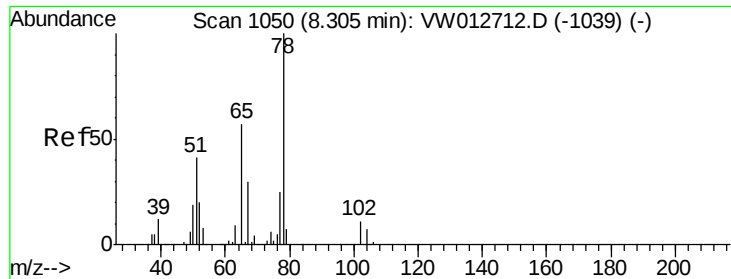
99 64.3 51.5 77.3

61 46.6 37.9 56.9



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

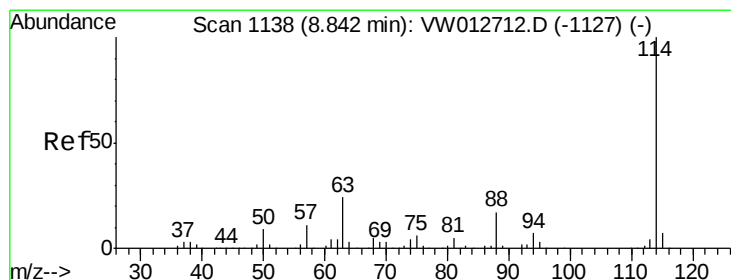
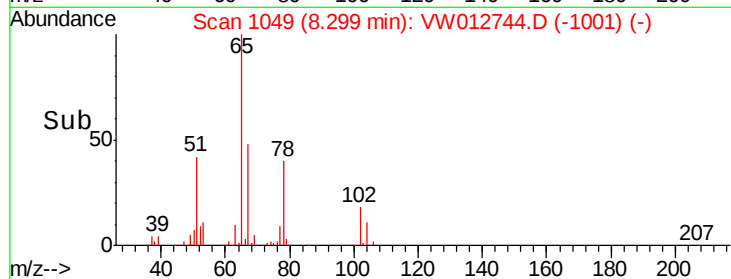
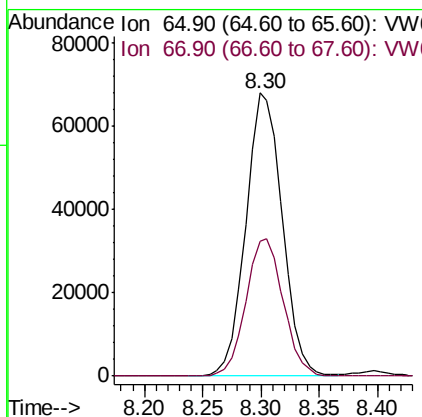
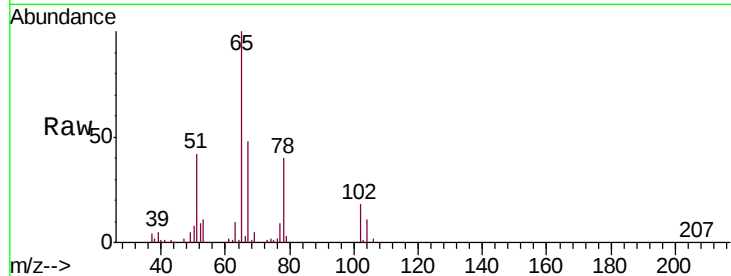




#33
 1,2-Dichloroethane-d4
 Concen: 58.220 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

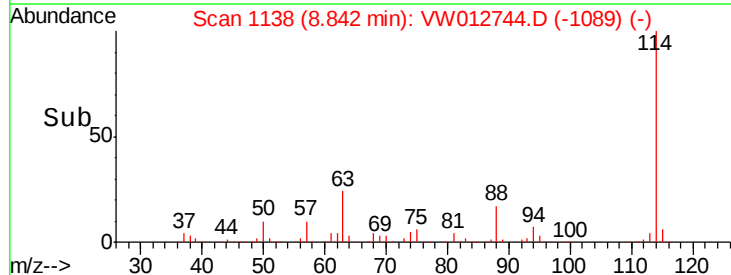
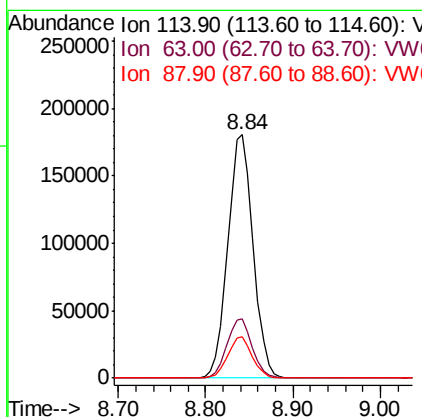
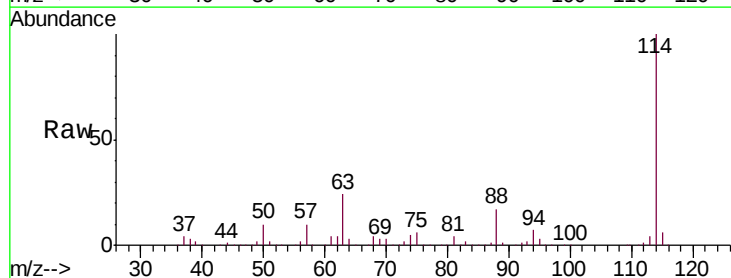
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tgt Ion: 65 Resp: 148359
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion: 114 Resp: 362149
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 47.2
 88 17.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.475 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

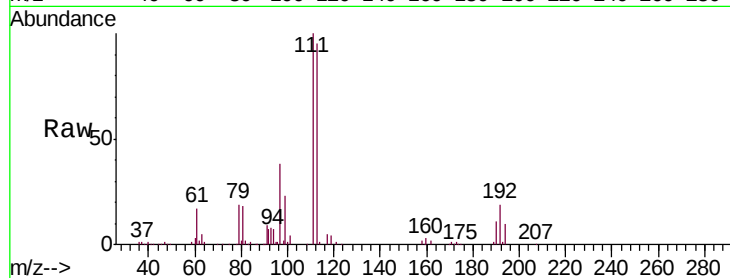
Tgt Ion:113 Resp: 110829

Ion Ratio Lower Upper

113 100

111 103.5 80.2 120.4

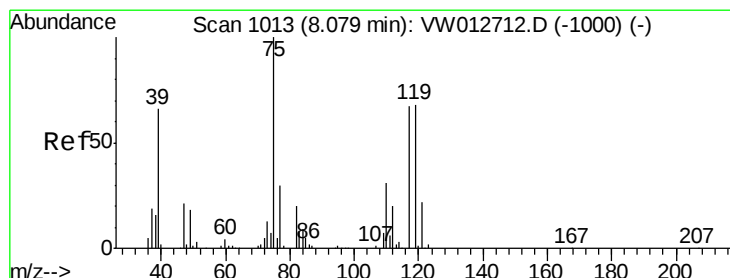
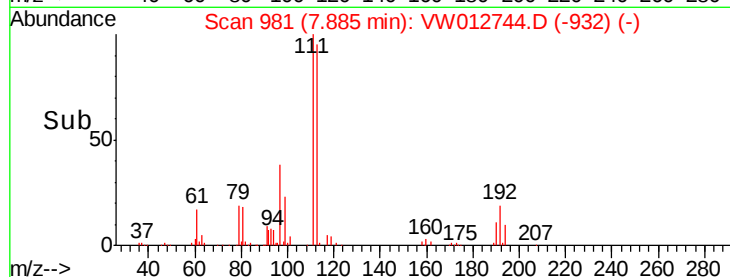
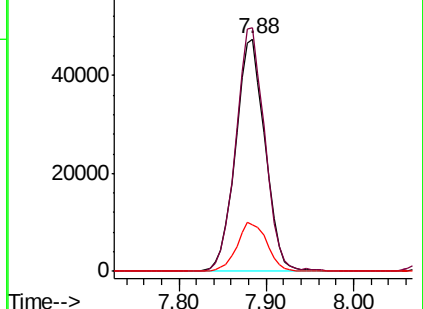
192 21.6 17.3 25.9



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: 19.210 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

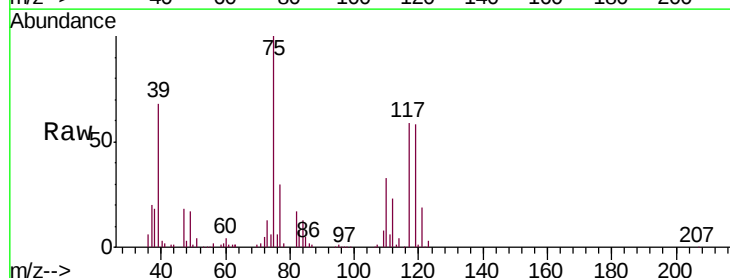
Tgt Ion: 75 Resp: 61814

Ion Ratio Lower Upper

75 100

110 32.6 15.9 47.7

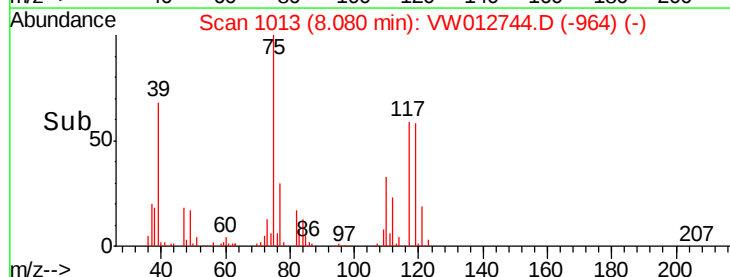
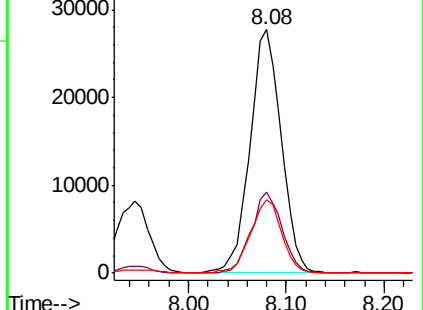
77 30.1 25.0 37.4

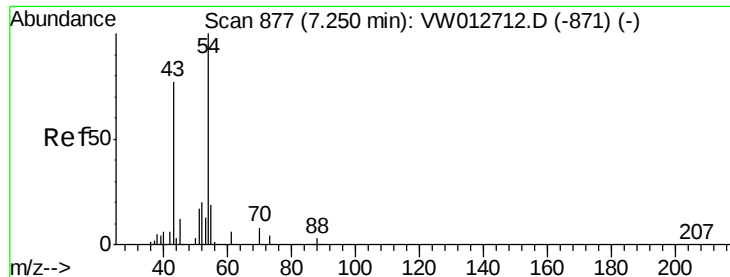


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

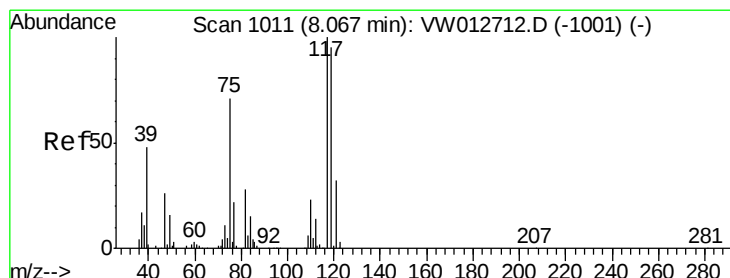
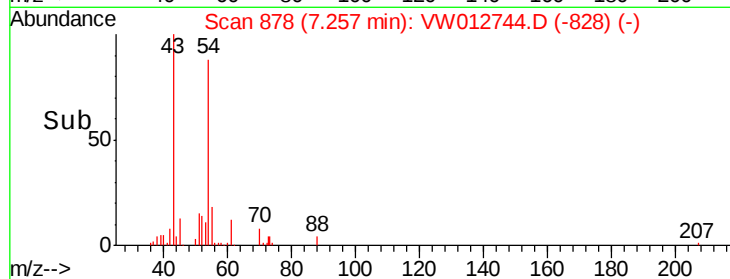
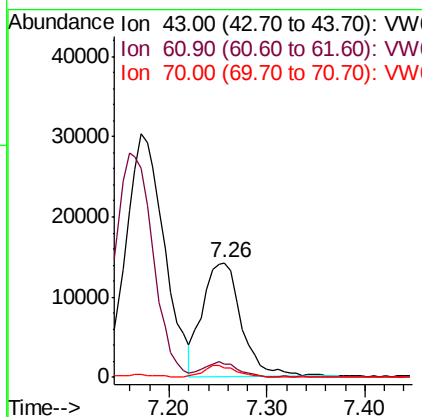
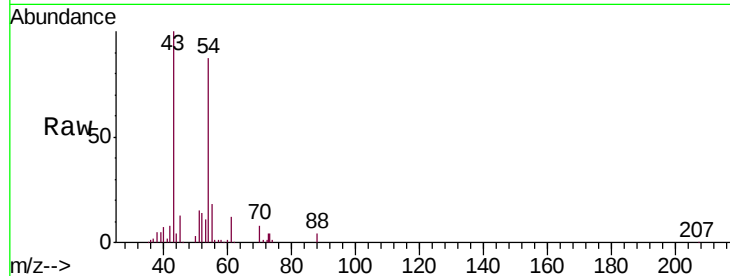




#37
 Ethyl Acetate
 Concen: 18.814 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

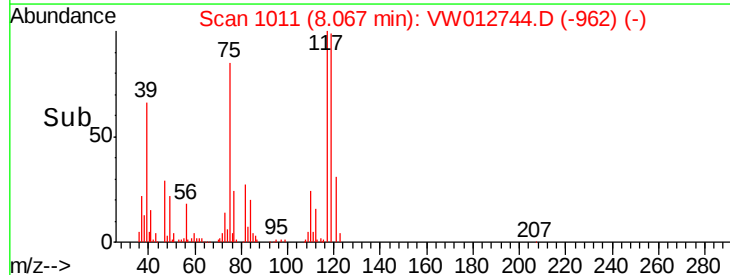
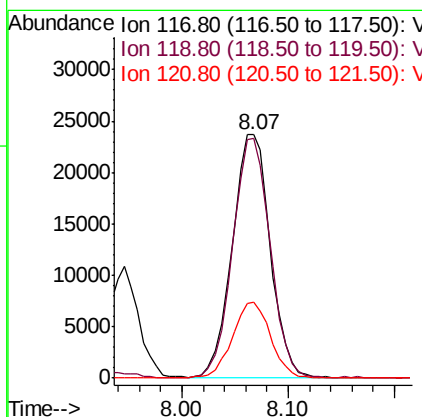
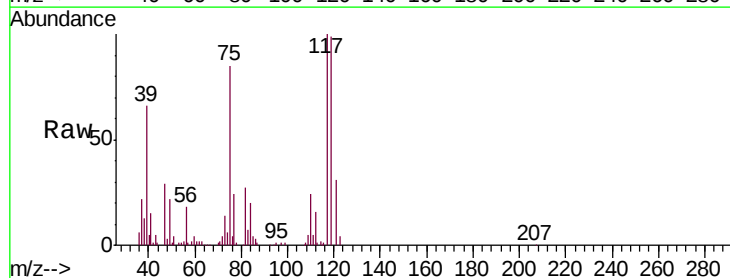
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

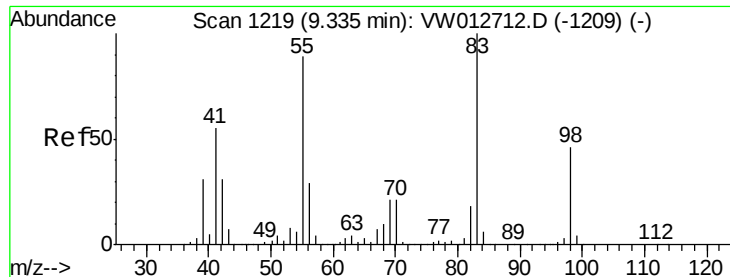
Tgt Ion: 43 Resp: 38592
 Ion Ratio Lower Upper
 43 100
 61 12.2 9.5 14.3
 70 9.0 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 18.693 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion: 117 Resp: 59294
 Ion Ratio Lower Upper
 117 100
 119 98.6 76.2 114.2
 121 31.3 25.4 38.2

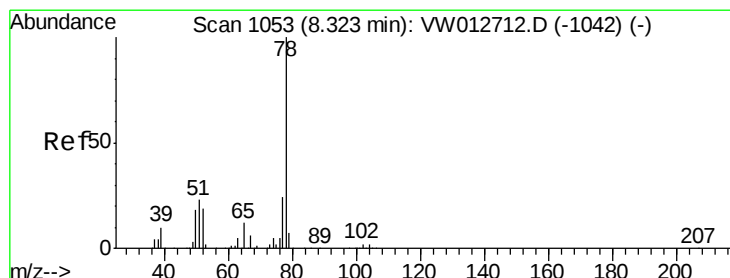
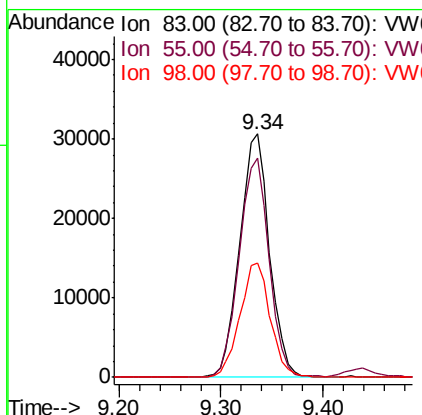
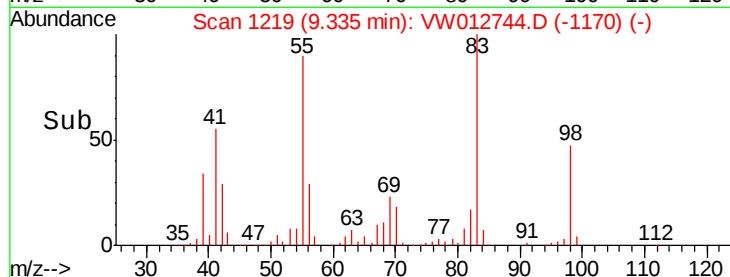
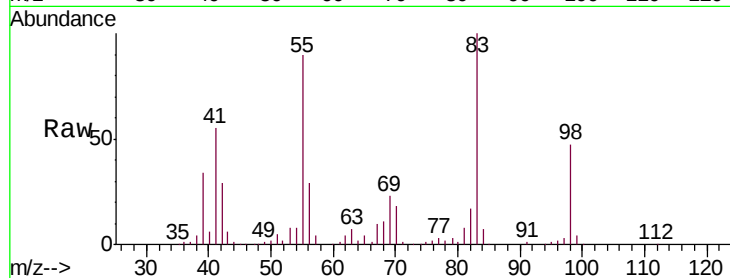




#39
Methylcyclohexane
Concen: 17.175 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

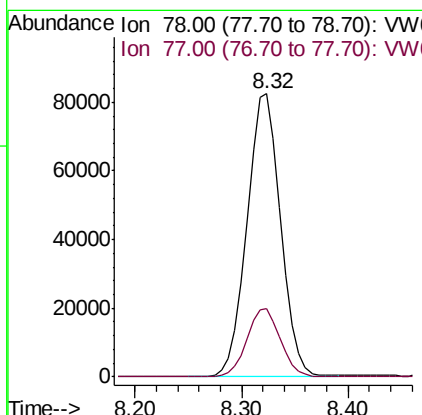
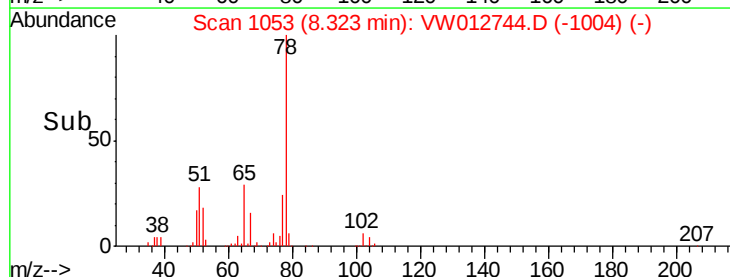
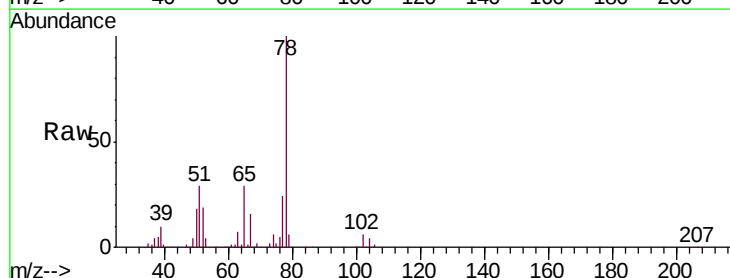
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

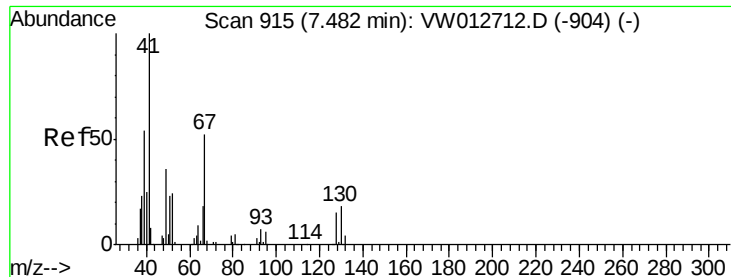
Tgt Ion: 83 Resp: 62072
Ion Ratio Lower Upper
83 100
55 89.8 71.0 106.4
98 46.8 36.9 55.3



#40
Benzene
Concen: 20.511 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion: 78 Resp: 183119
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

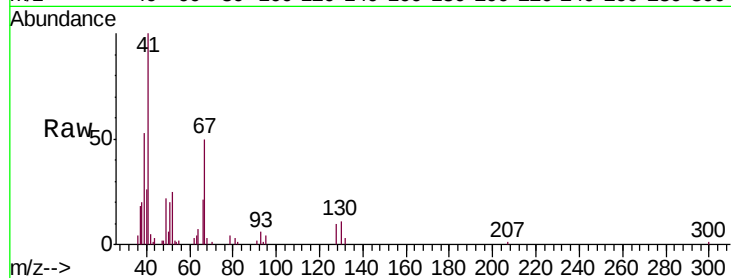




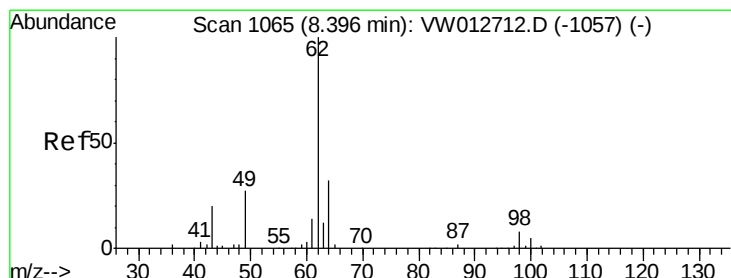
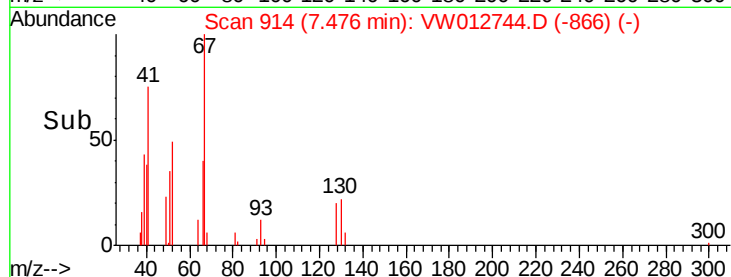
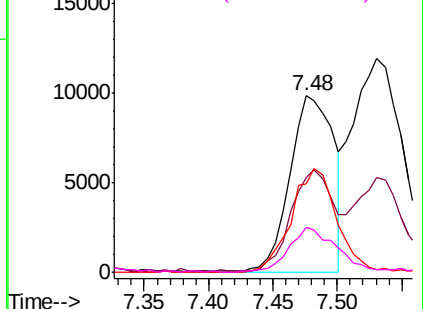
#41
Methacrylonitrile
Concen: 19.337 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tgt Ion:	41	Resp:	23408
Ion	Ratio	Lower	Upper
41	100		
39	53.9	47.5	71.3
67	61.5	45.1	67.7
52	27.6	20.2	30.2

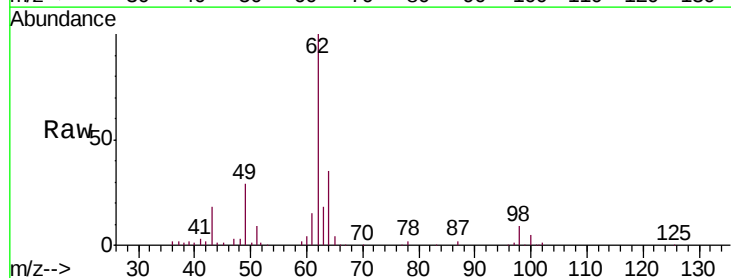


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

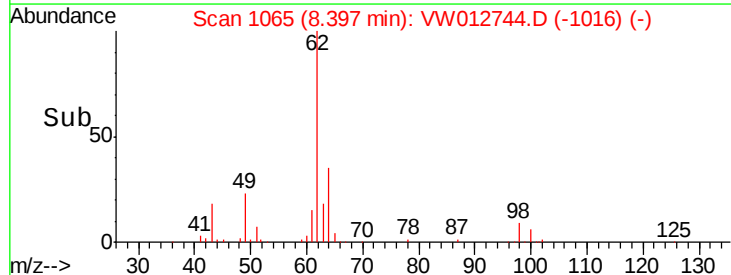
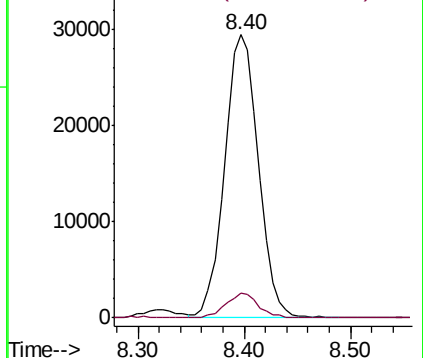


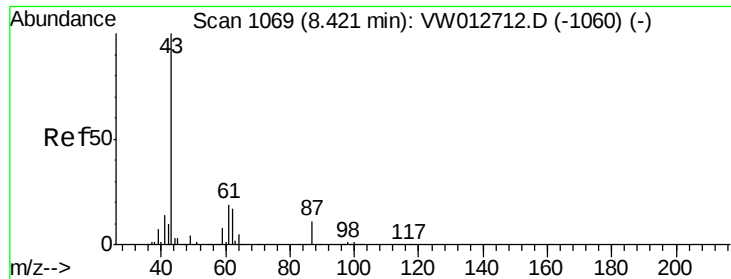
#42
1,2-Dichloroethane
Concen: 20.804 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion:	62	Resp:	65366
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.2



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

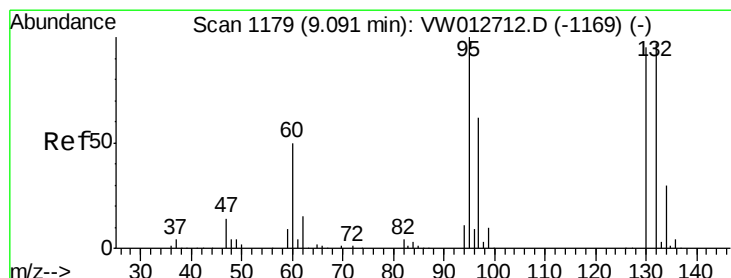
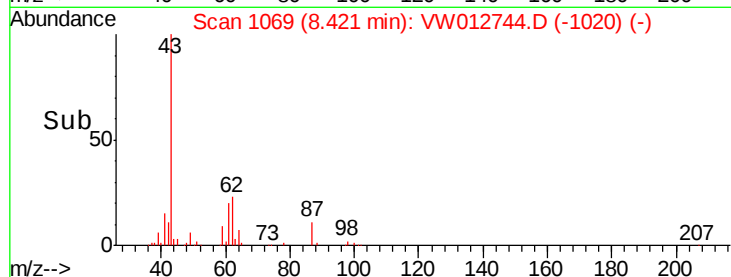
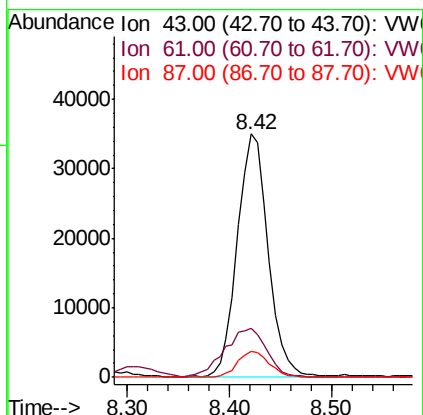
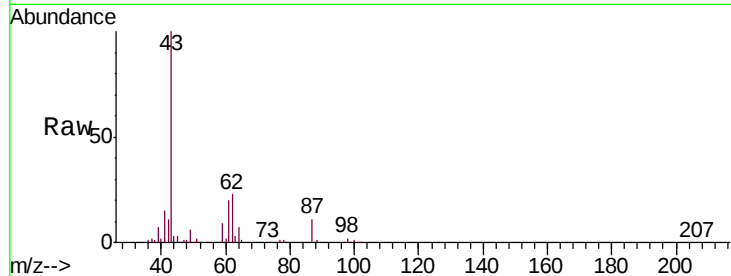




#43
Isopropyl Acetate
Concen: 18.771 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

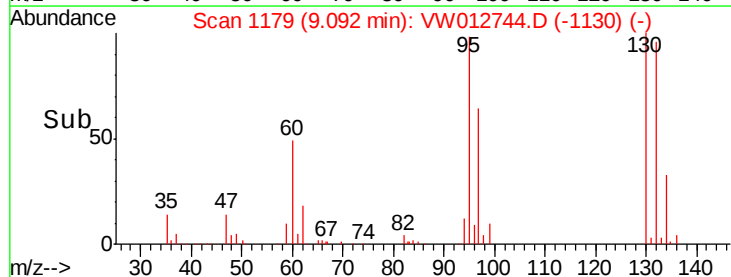
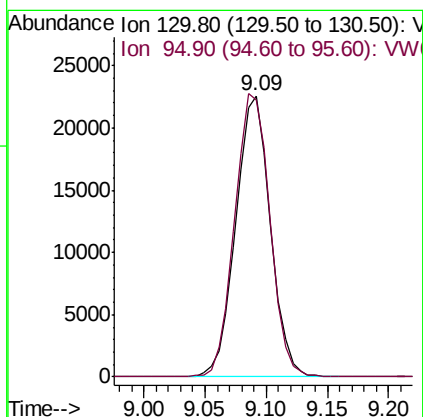
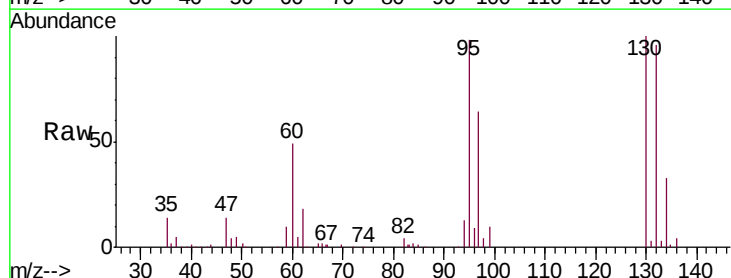
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

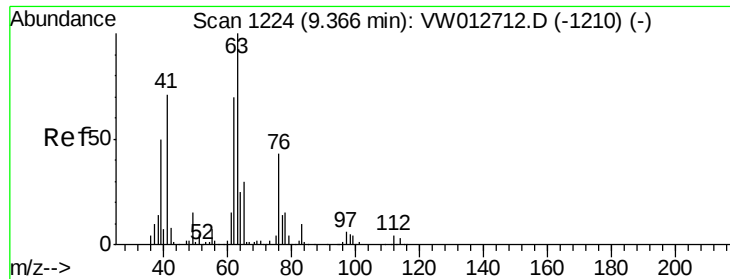
Tgt Ion: 43 Resp: 72947
Ion Ratio Lower Upper
43 100
61 28.0 20.6 30.8
87 11.1 8.6 13.0



#44
Trichloroethene
Concen: 19.232 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion: 130 Resp: 44260
Ion Ratio Lower Upper
130 100
95 98.5 0.0 210.6

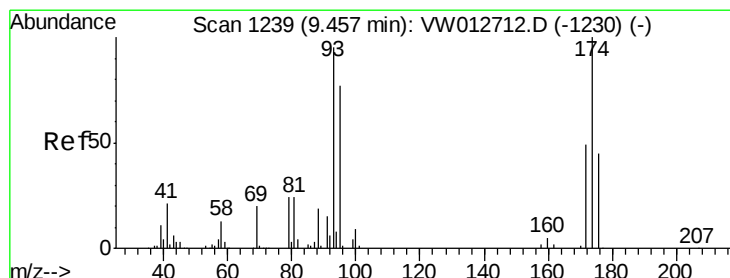
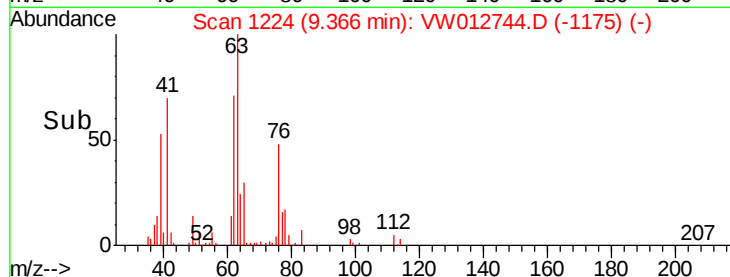
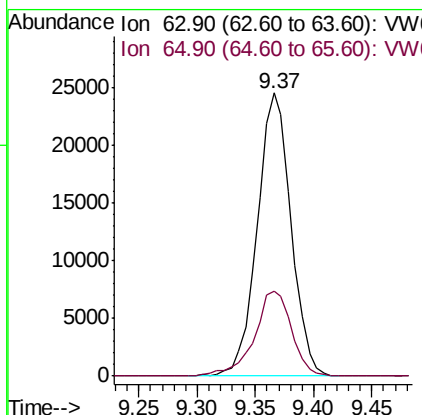
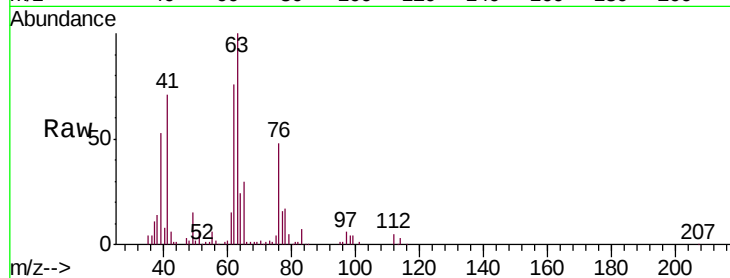




#45
 1,2-Dichloropropane
 Concen: 20.000 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

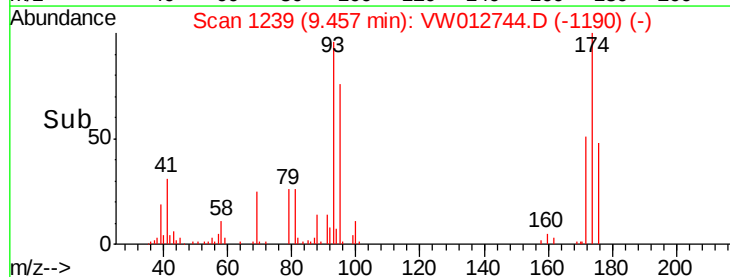
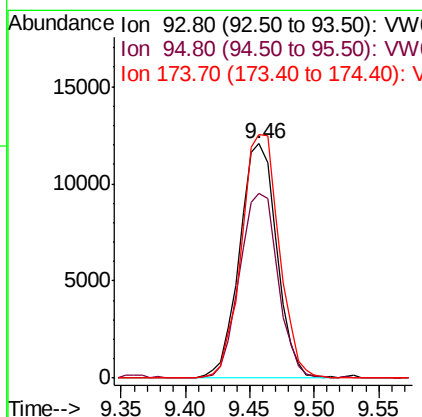
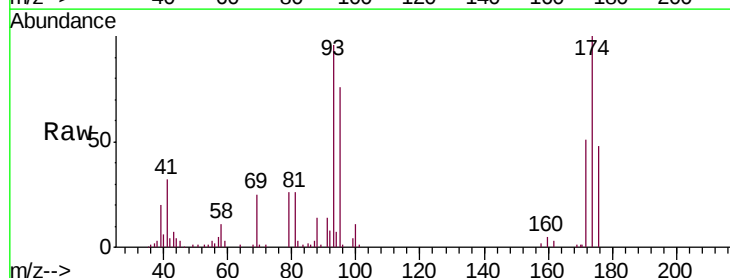
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

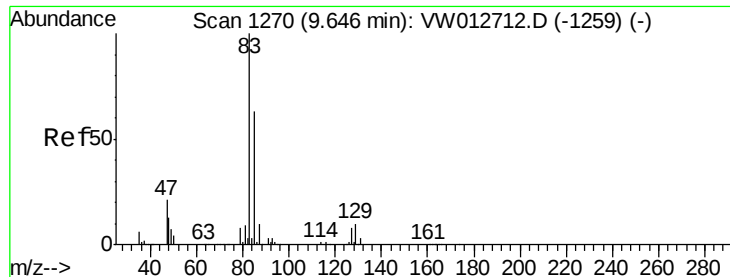
Tgt Ion: 63 Resp: 49524
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.8 35.8



#46
 Dibromomethane
 Concen: 20.537 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion: 93 Resp: 24081
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.2 97.8
 174 105.6 84.2 126.4





#47

Bromodichloromethane

Concen: 20.296 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

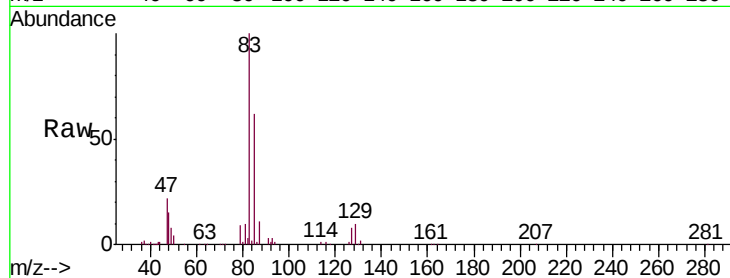
Tgt Ion: 83 Resp: 65474

Ion Ratio Lower Upper

83 100

85 61.6 50.2 75.2

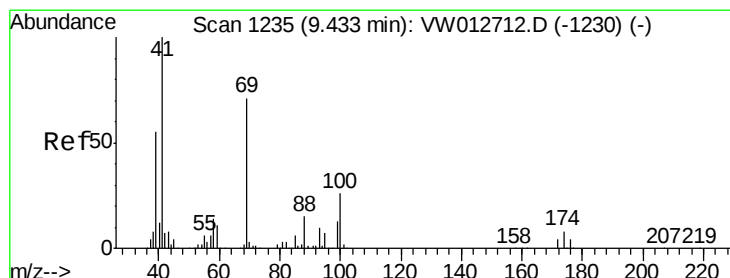
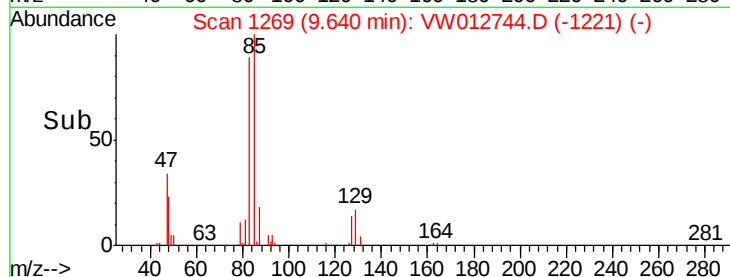
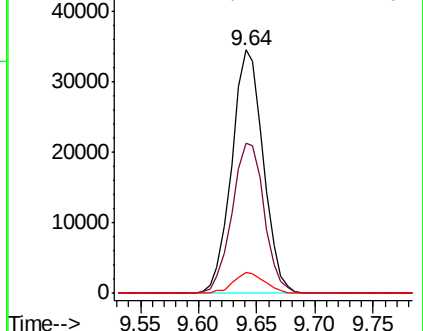
127 8.5 6.6 9.8



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: 18.136 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

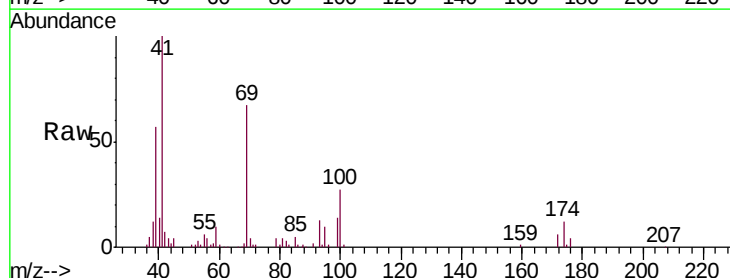
Tgt Ion: 41 Resp: 33682

Ion Ratio Lower Upper

41 100

69 73.8 59.8 89.8

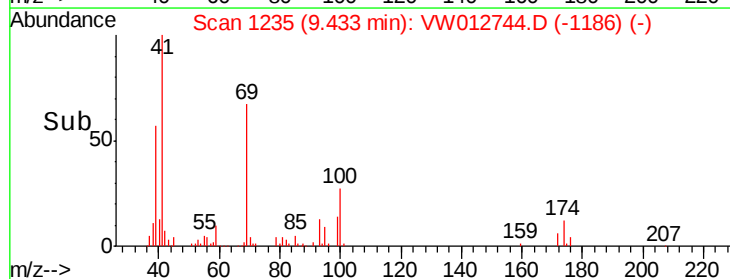
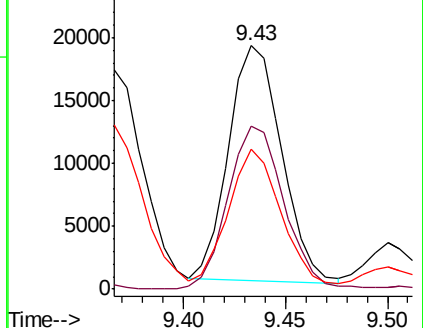
39 60.2 47.0 70.6

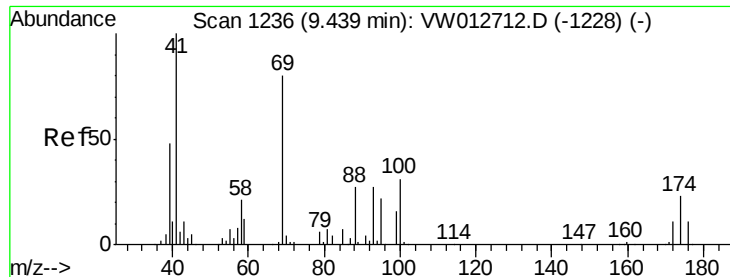


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

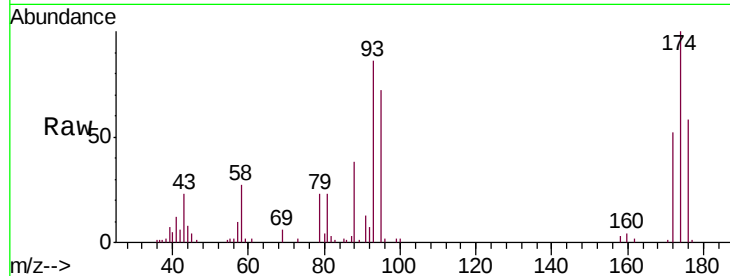




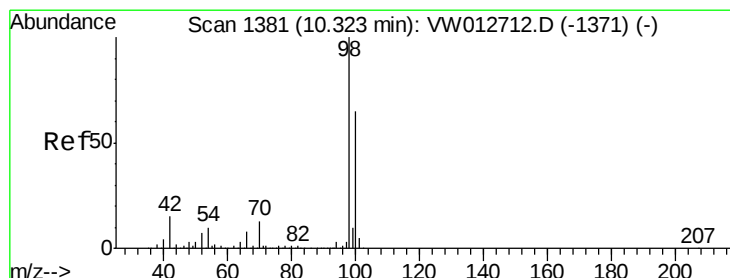
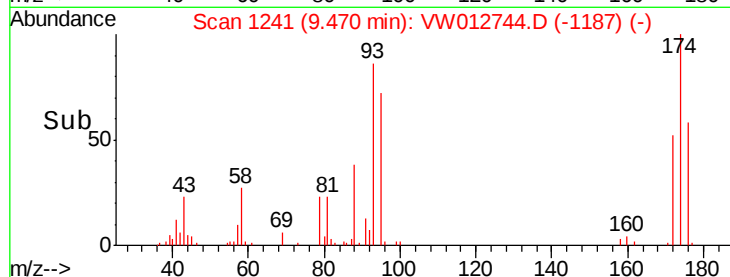
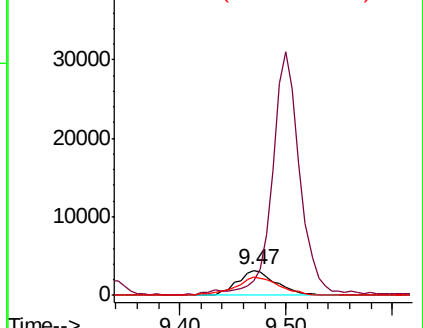
#49
1,4-Dioxane
Concen: 348.081 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tgt Ion: 88 Resp: 8062
Ion Ratio Lower Upper
88 100
43 0.0 34.8 52.2#
58 85.2 64.1 96.1

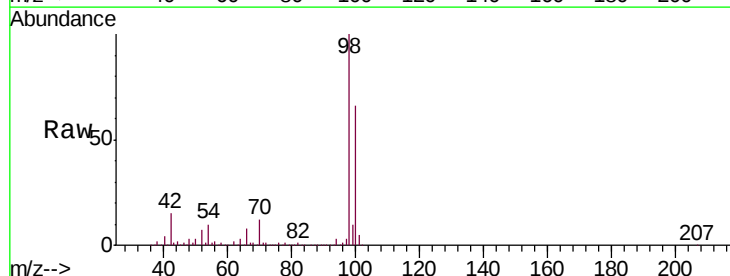


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

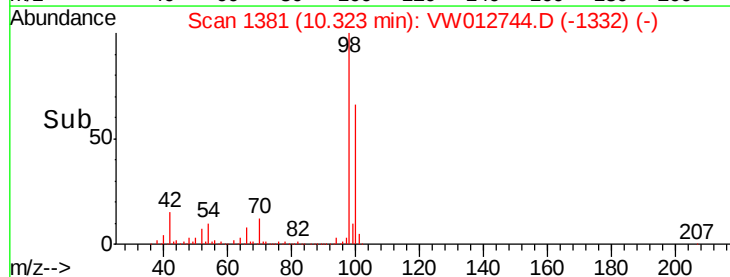
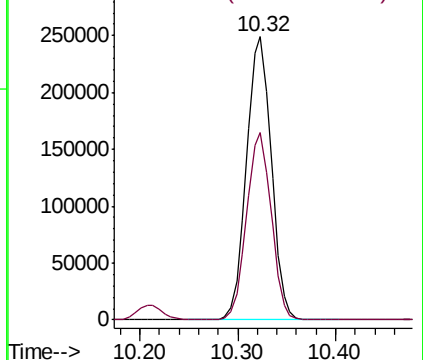


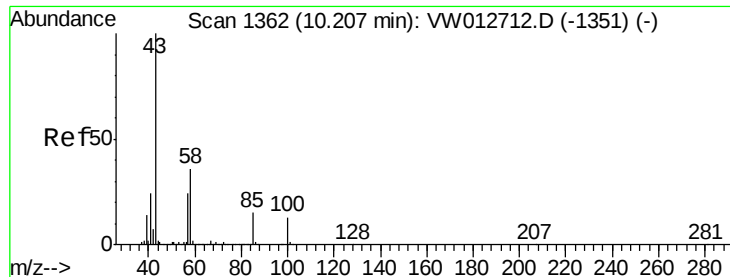
#50
Toluene-d8
Concen: 51.968 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion: 98 Resp: 438362
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

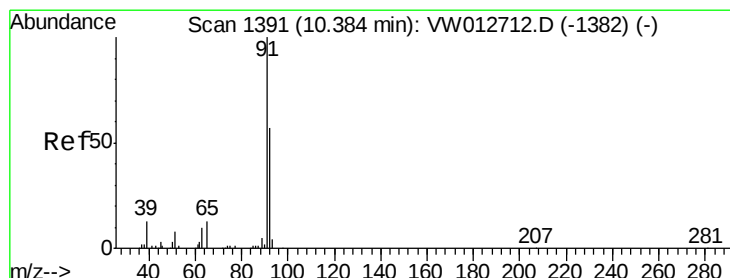
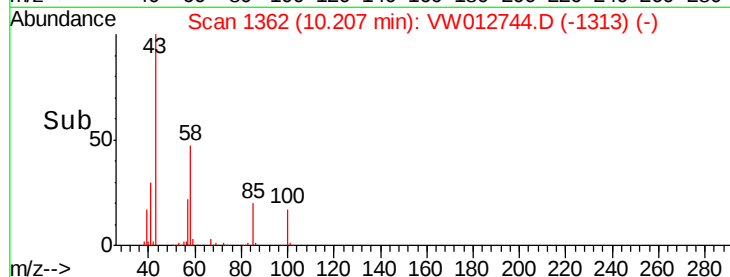
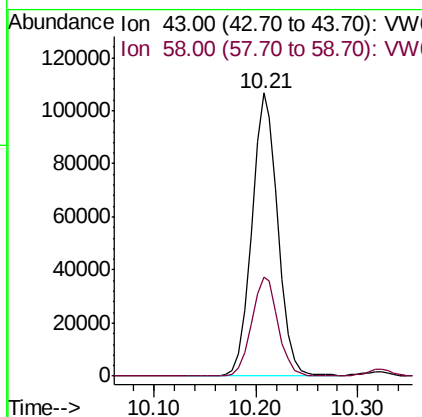
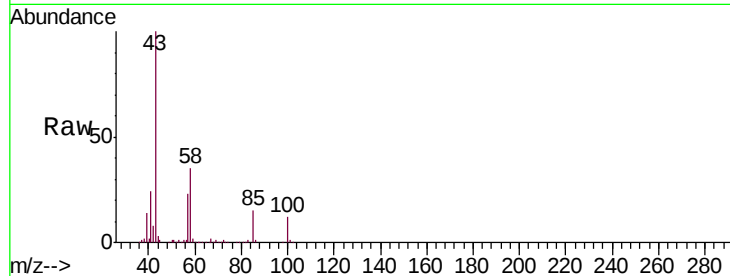




#51
 4-Methyl-2-Pentanone
 Concen: 92.314 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

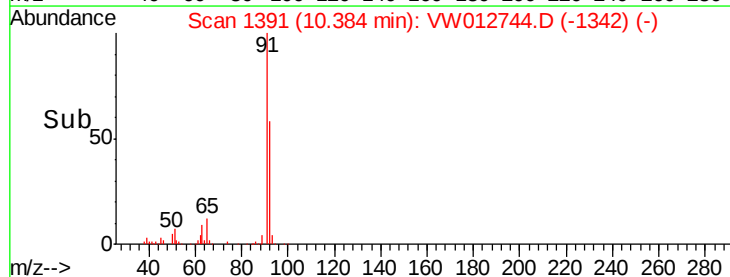
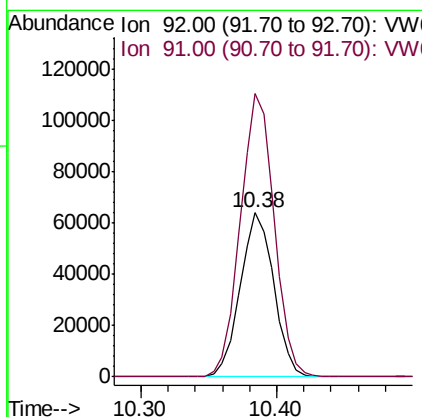
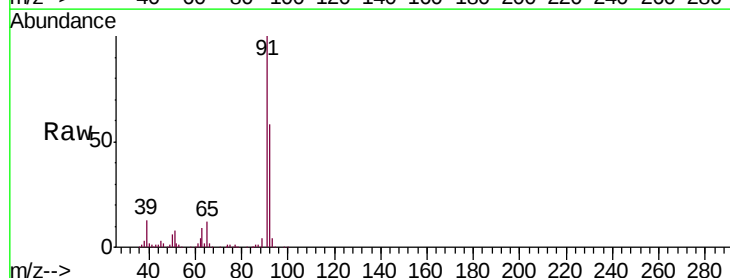
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

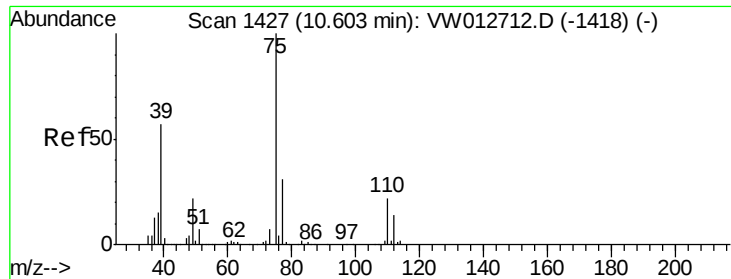
Tgt Ion: 43 Resp: 188249
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.4 42.6



#52
 Toluene
 Concen: 19.901 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion: 92 Resp: 110892
 Ion Ratio Lower Upper
 92 100
 91 173.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.332 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

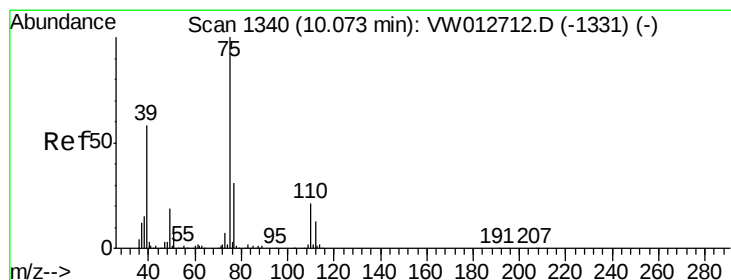
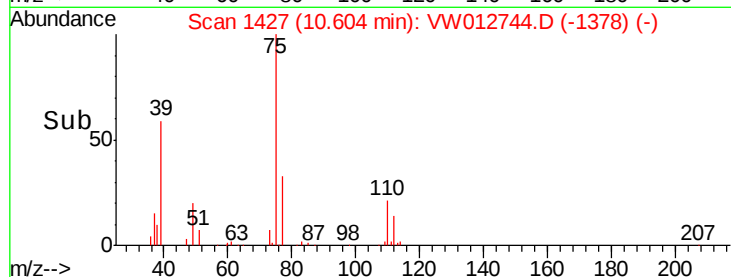
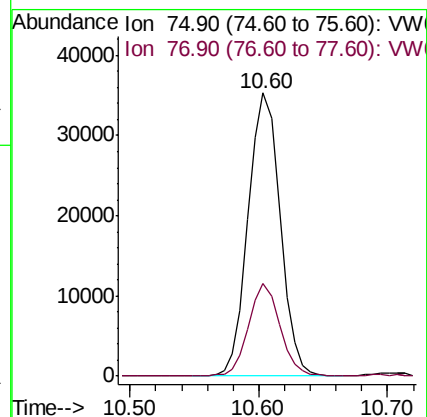
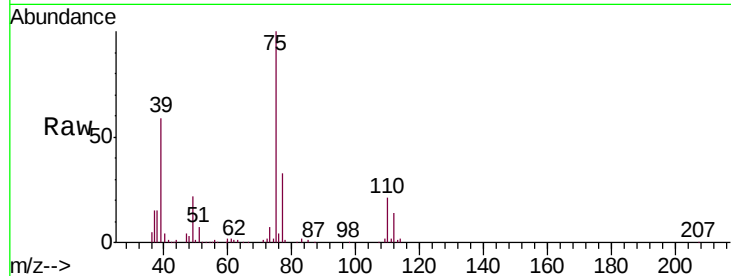
VW0907SBS02

Tgt Ion: 75 Resp: 60811

Ion Ratio Lower Upper

75 100

77 32.7 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 18.845 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

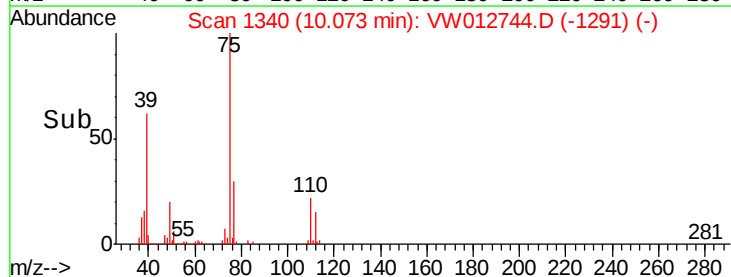
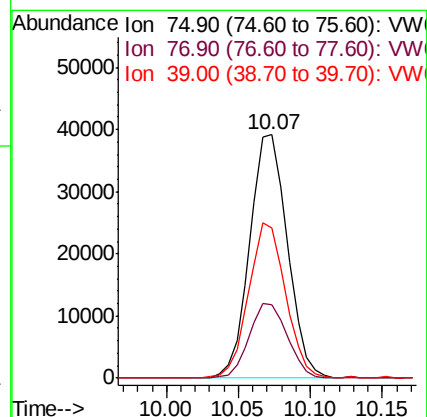
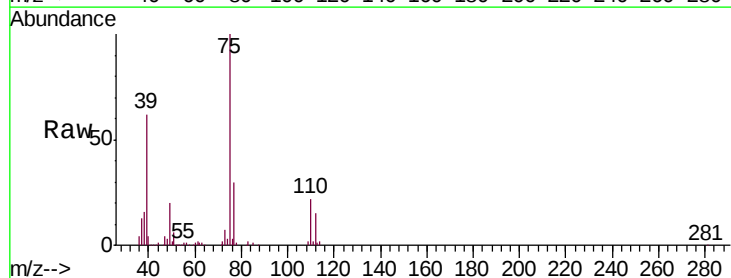
Tgt Ion: 75 Resp: 70913

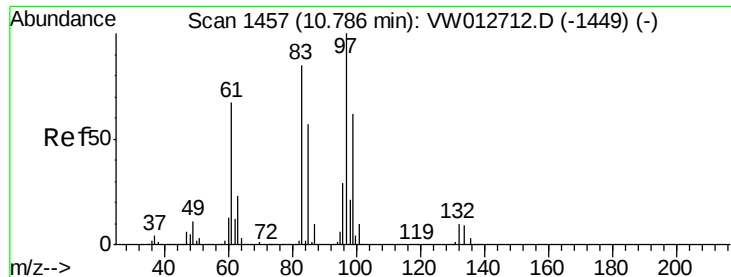
Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8

39 61.6 46.3 69.5

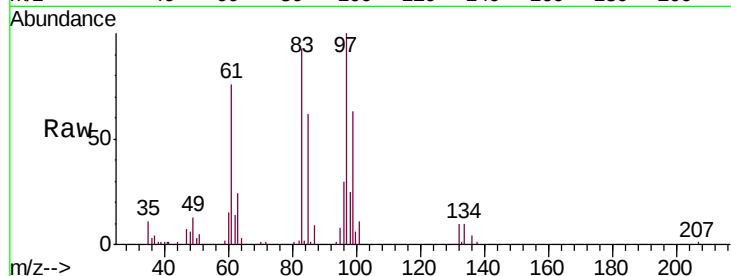




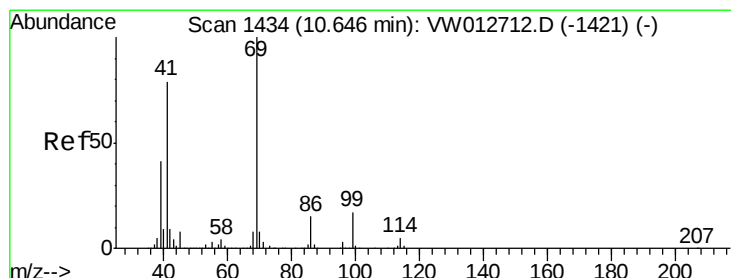
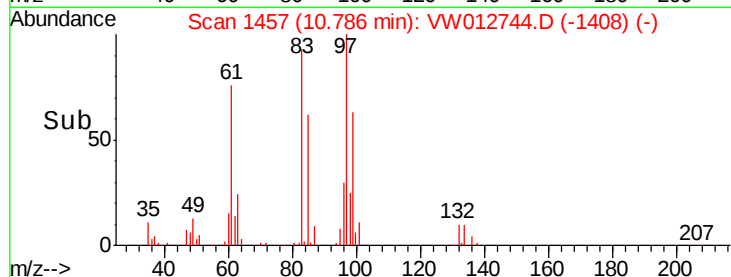
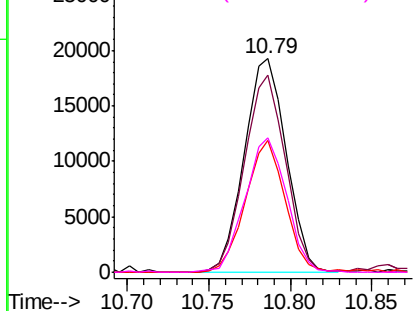
#55
 1,1,2-Trichloroethane
 Concen: 19.652 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tgt Ion:	97	Resp:	34498
Ion	Ratio	Lower	Upper
97	100		
83	92.5	68.1	102.1
85	61.8	45.3	67.9
99	62.7	50.0	75.0

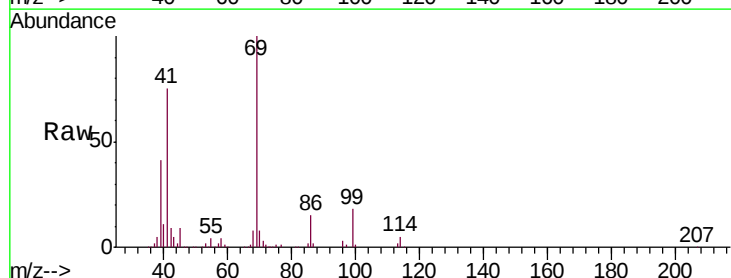


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

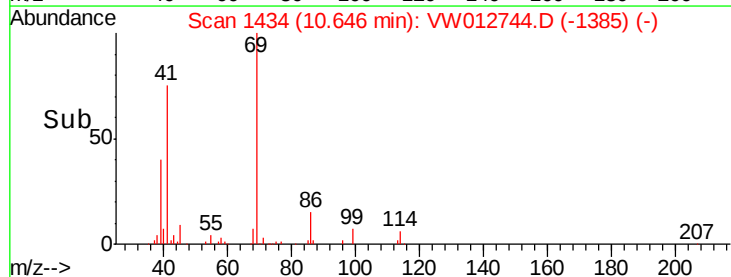
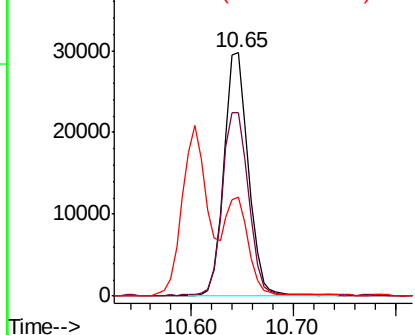


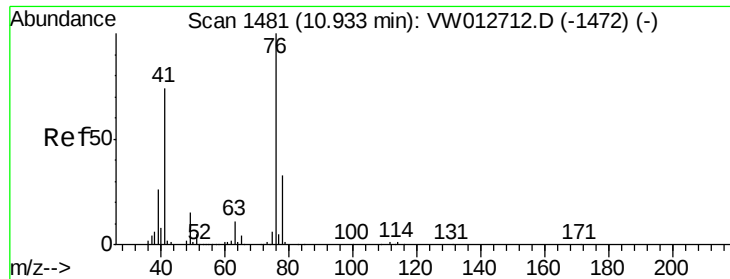
#56
 Ethyl methacrylate
 Concen: 19.236 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion:	69	Resp:	49430
Ion	Ratio	Lower	Upper
69	100		
41	81.1	64.4	96.6
39	36.9	31.1	46.7



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: 19.726 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

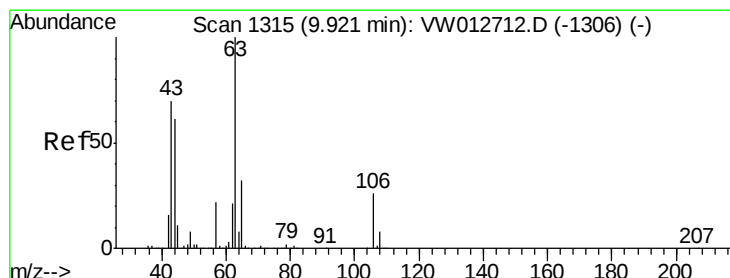
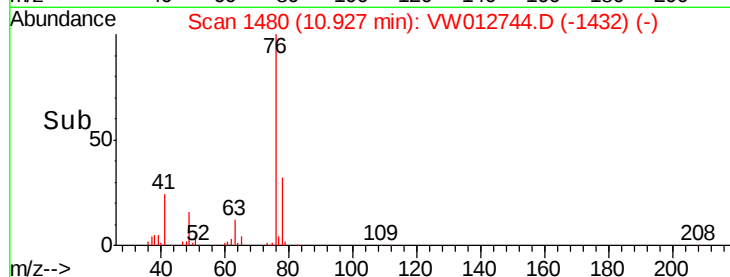
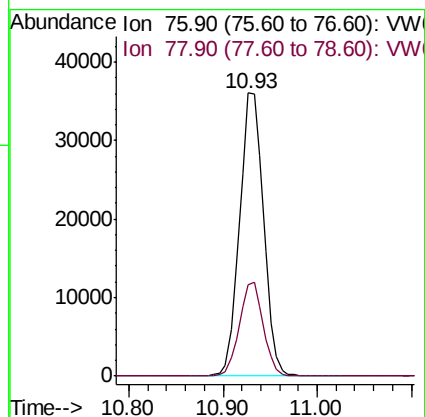
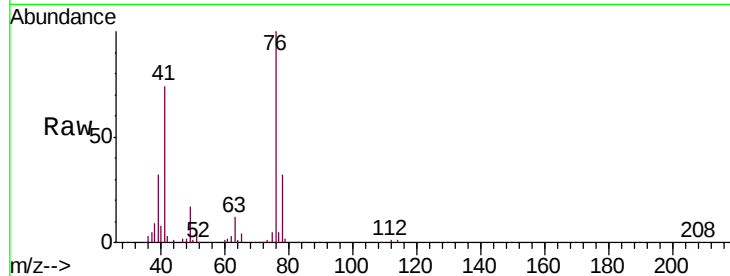
VW0907SBS02

Tgt Ion: 76 Resp: 64062

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 97.177 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW012744.D

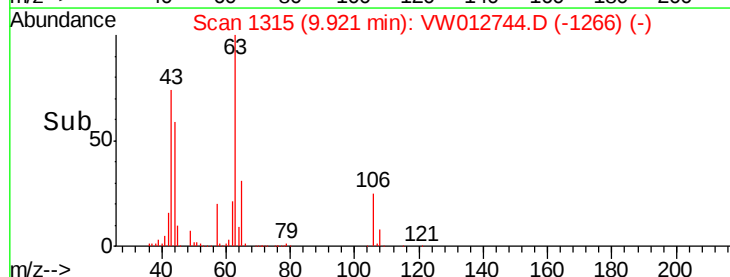
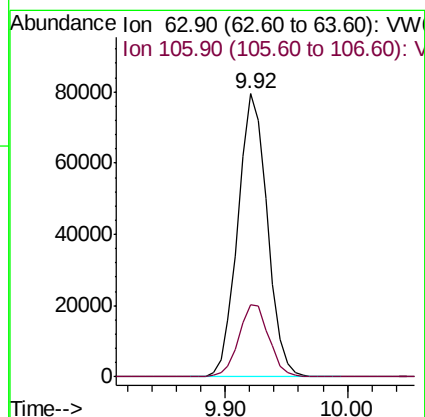
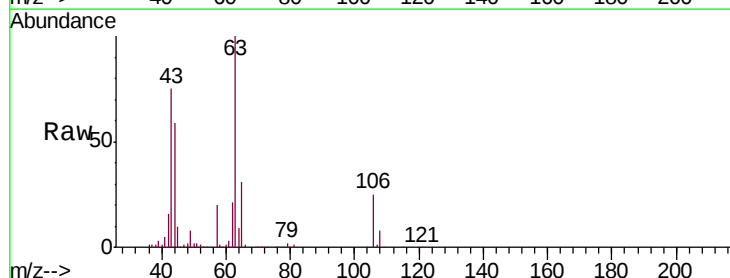
Acq: 08 Sep 2019 03:40

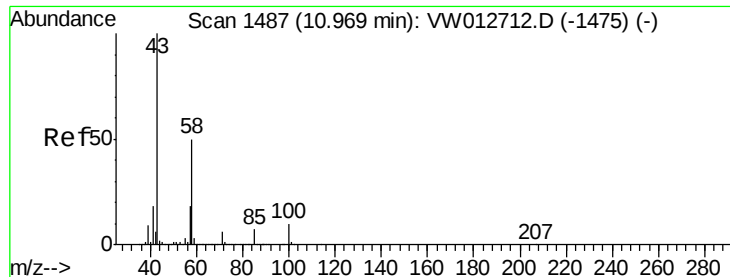
Tgt Ion: 63 Resp: 132566

Ion Ratio Lower Upper

63 100

106 26.2 20.5 30.7





#59

2-Hexanone

Concen: 84.645 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

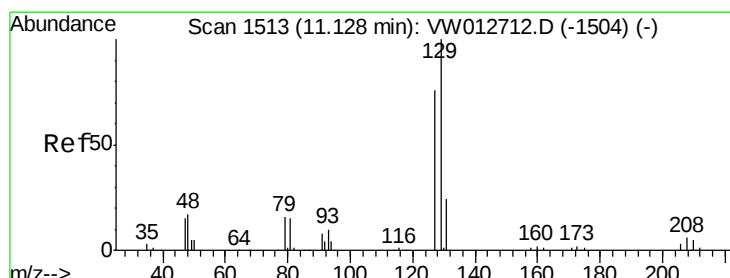
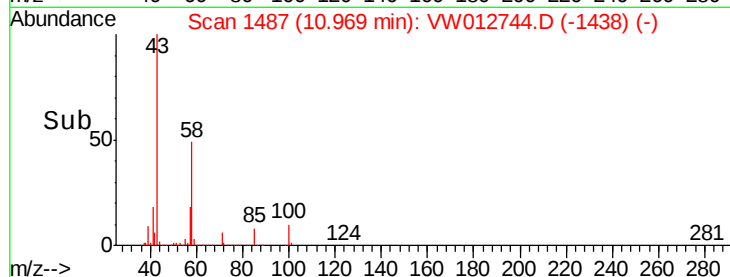
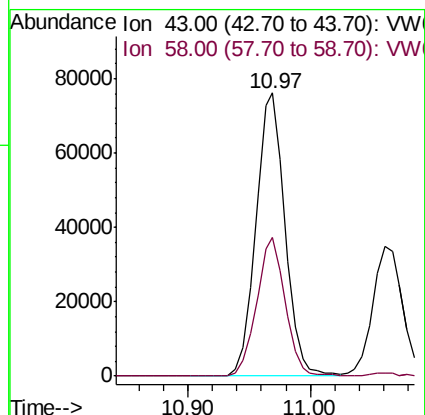
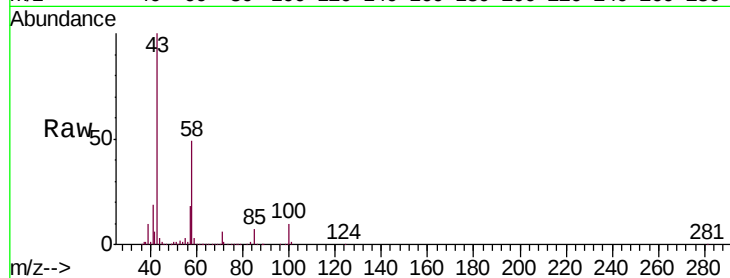
VW0907SBS02

Tgt Ion: 43 Resp: 126106

Ion Ratio Lower Upper

43 100

58 48.1 24.7 74.1



#60

Dibromochloromethane

Concen: 19.293 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW012744.D

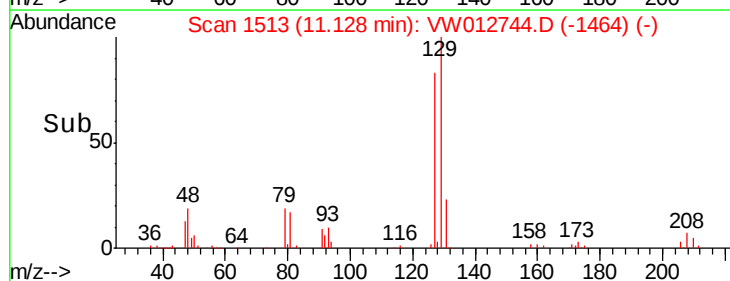
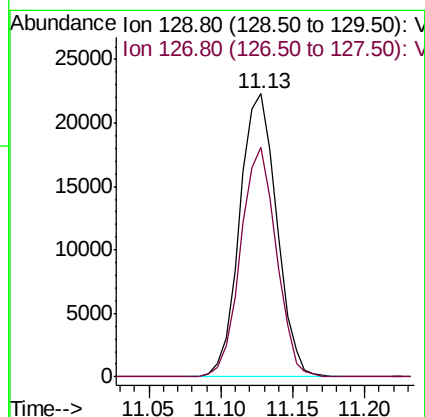
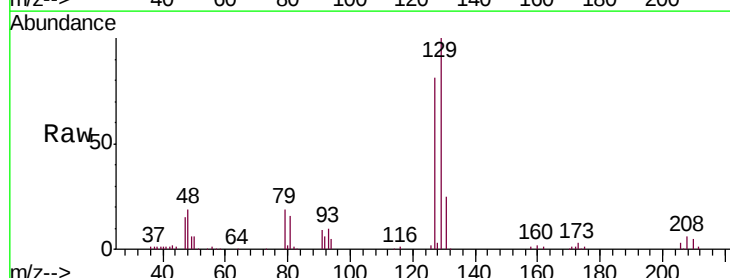
Acq: 08 Sep 2019 03:40

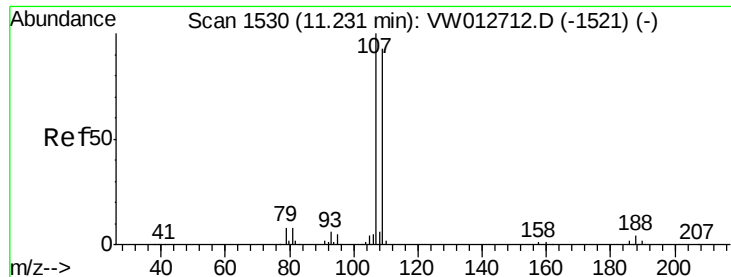
Tgt Ion: 129 Resp: 39832

Ion Ratio Lower Upper

129 100

127 78.0 38.6 115.8

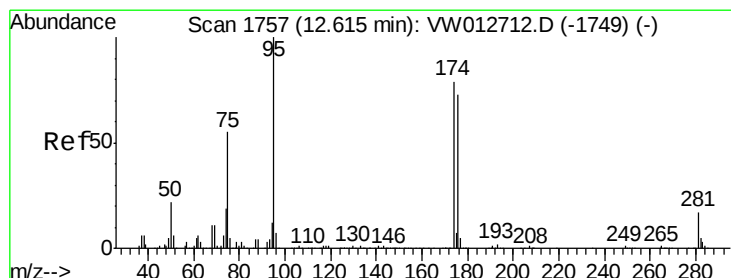
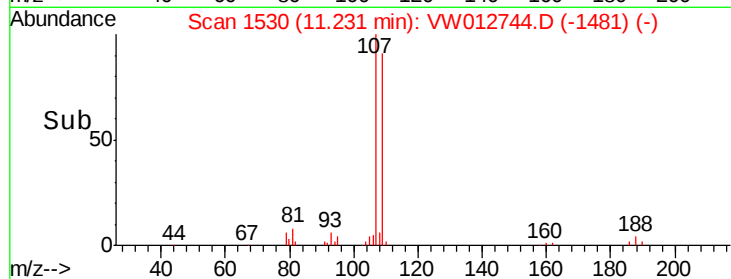
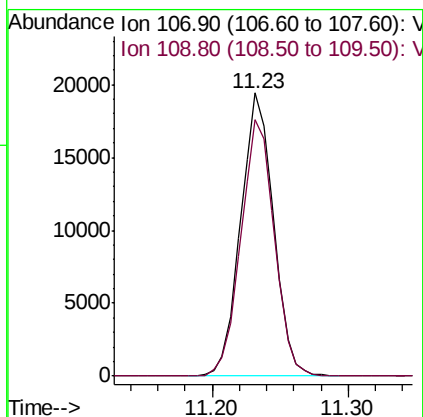
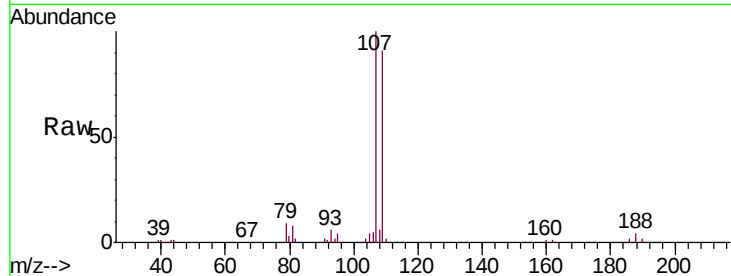




#61
1,2-Dibromoethane
Concen: 20.342 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

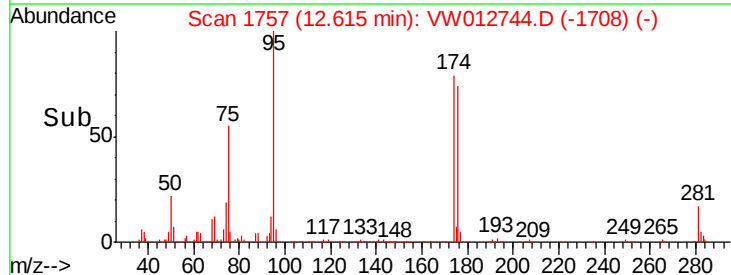
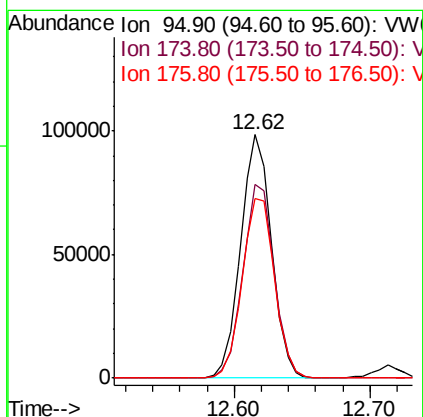
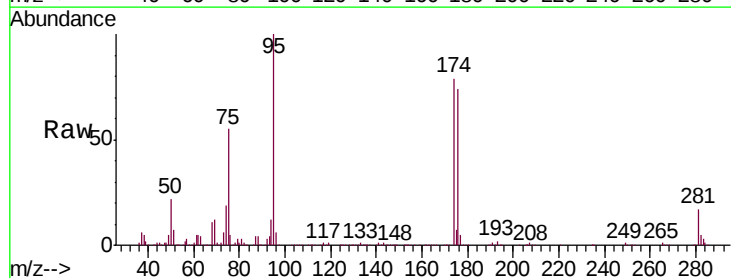
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

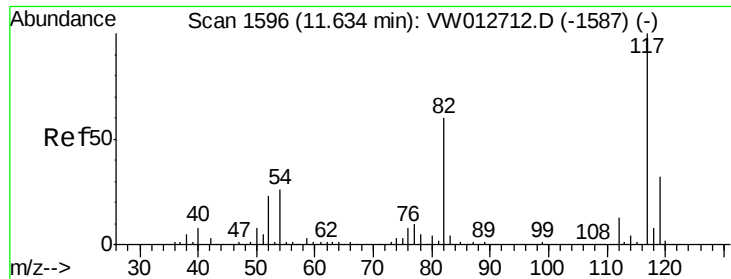
Tgt Ion: 107 Resp: 32738
Ion Ratio Lower Upper
107 100
109 92.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.864 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion: 95 Resp: 155758
Ion Ratio Lower Upper
95 100
174 81.1 0.0 161.0
176 77.6 0.0 156.4

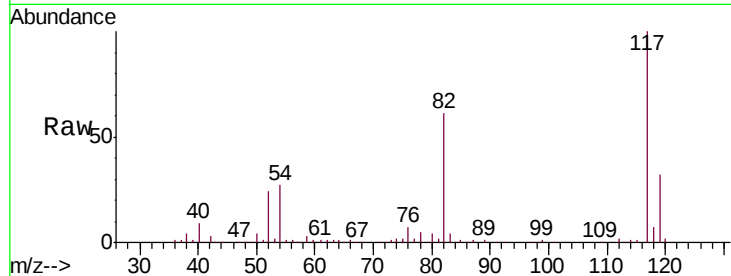




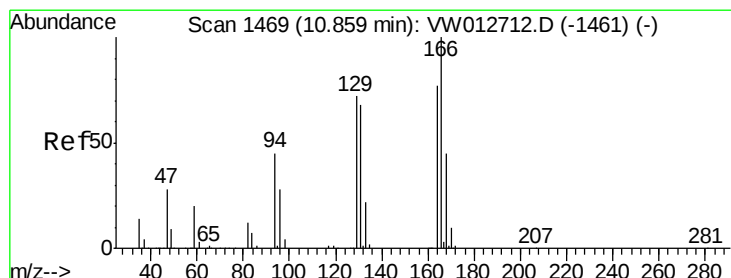
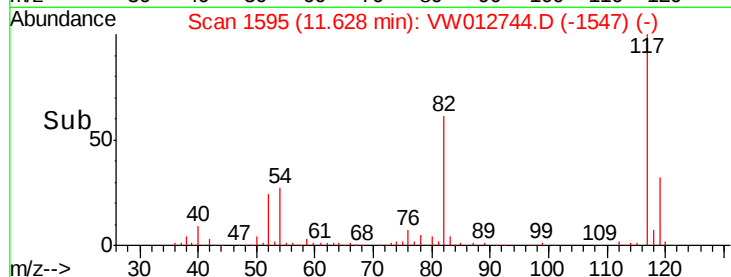
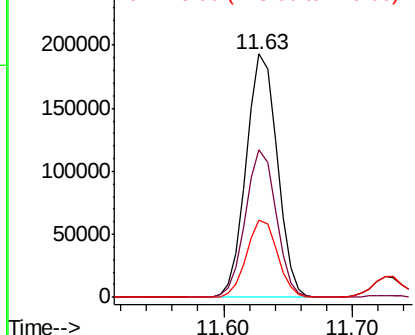
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tgt Ion:117 Resp: 322135
Ion Ratio Lower Upper
117 100
82 60.9 48.2 72.4
119 31.5 25.8 38.6

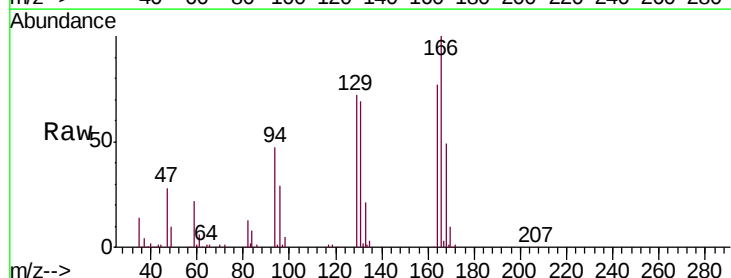


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

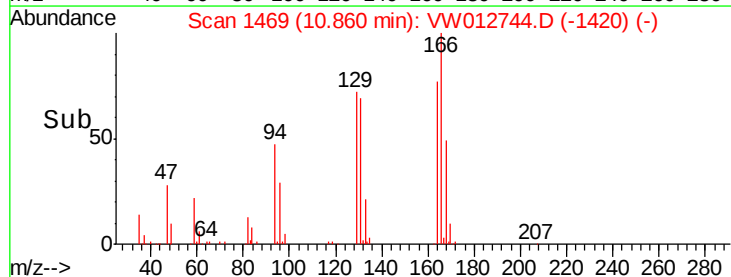
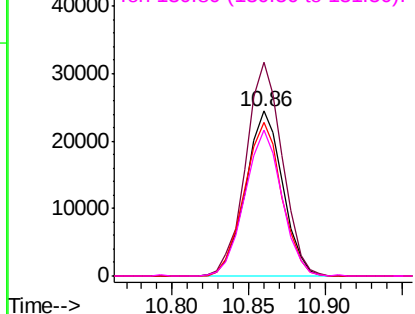


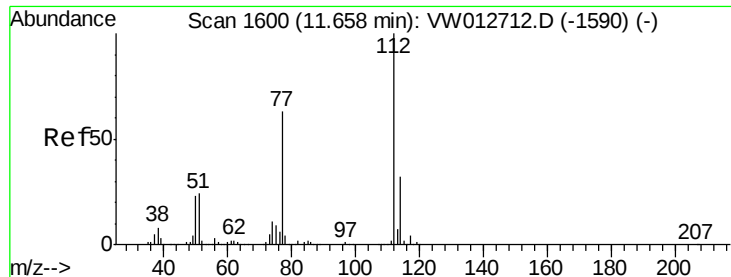
#64
Tetrachloroethene
Concen: 21.023 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion:164 Resp: 41093
Ion Ratio Lower Upper
164 100
166 129.5 103.6 155.4
129 93.3 74.6 112.0
131 88.8 70.6 106.0



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

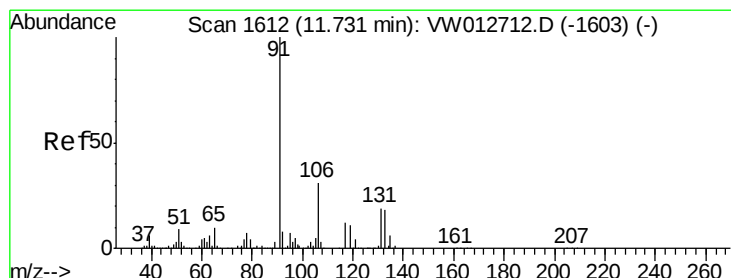
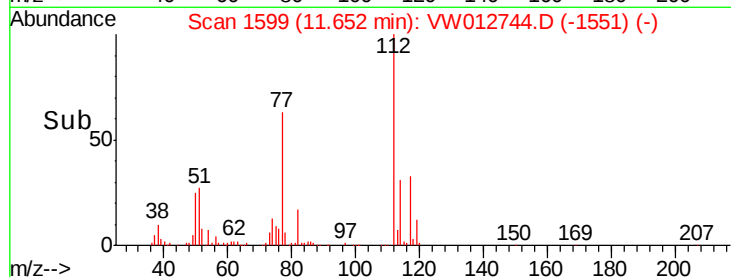
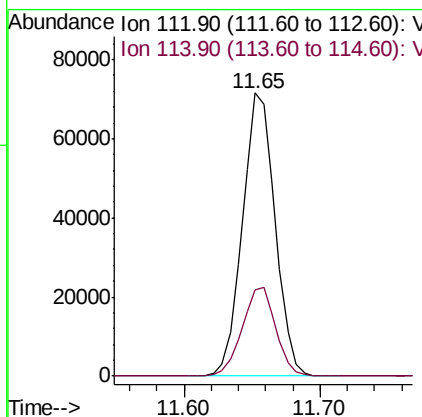
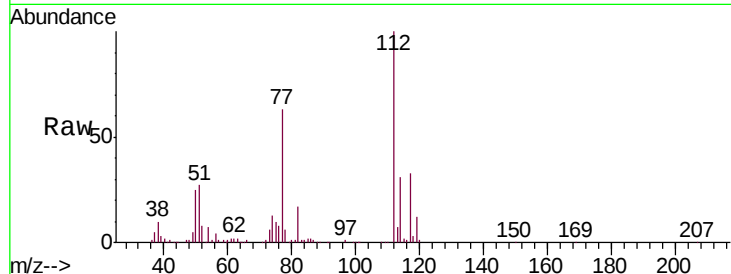




#65
Chlorobenzene
Concen: 19.698 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

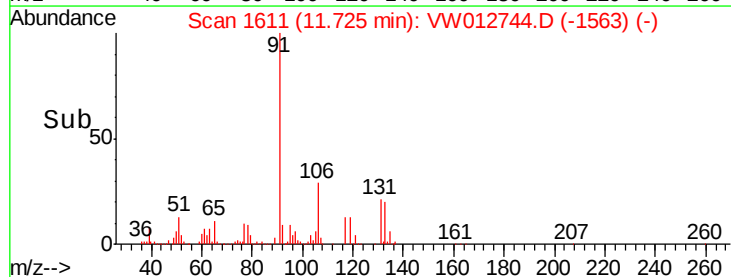
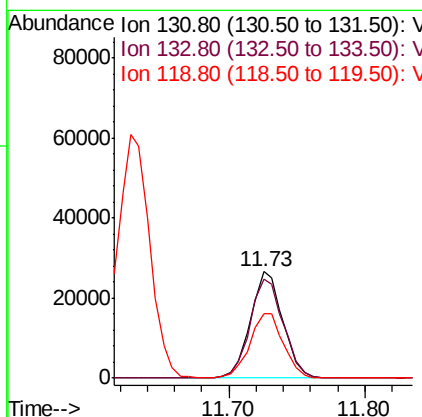
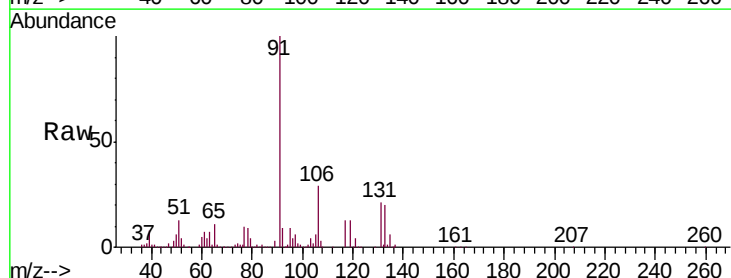
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

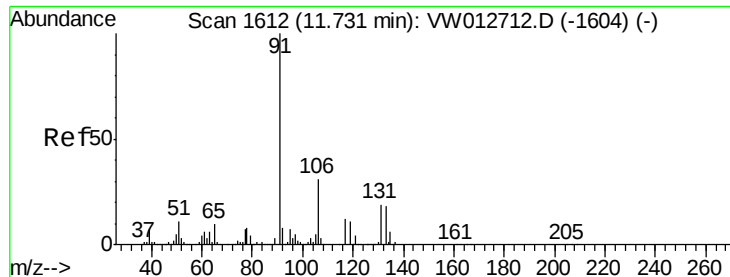
Tgt Ion:112 Resp: 119932
Ion Ratio Lower Upper
112 100
114 30.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.539 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion:131 Resp: 44303
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.8
119 63.3 30.6 92.0





#67

Ethyl Benzene

Concen: 18.699 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

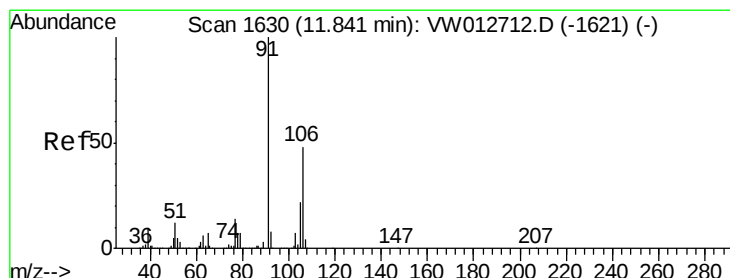
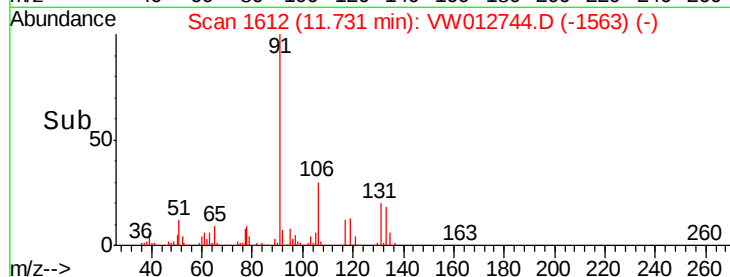
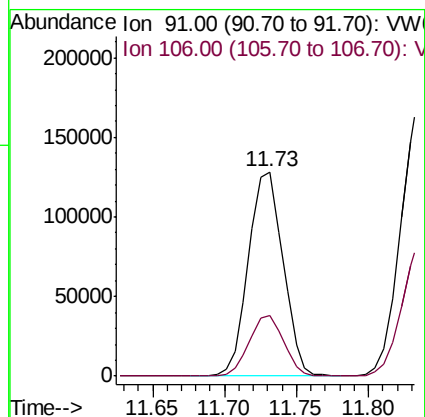
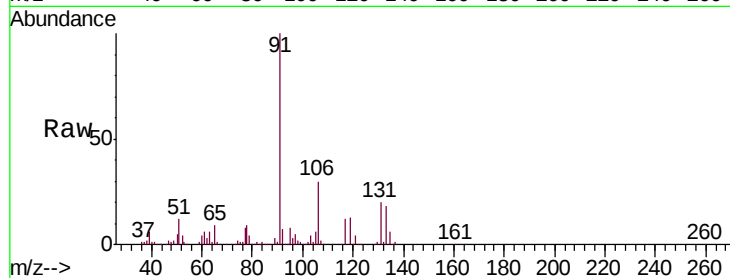
VW0907SBS02

Tgt Ion: 91 Resp: 213603

Ion Ratio Lower Upper

91 100

106 29.9 24.4 36.6



#68

m/p-Xylenes

Concen: 38.978 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW012744.D

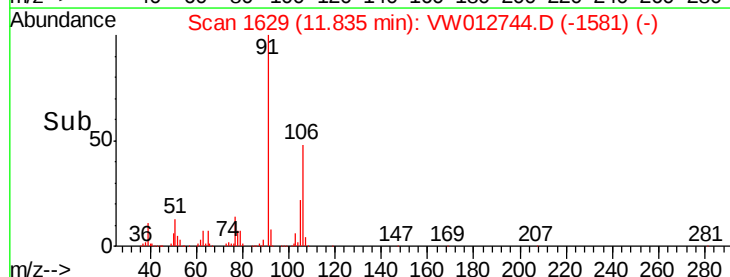
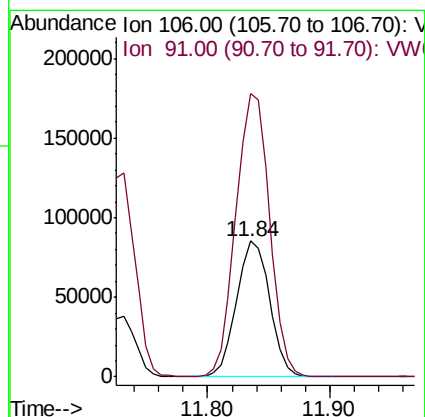
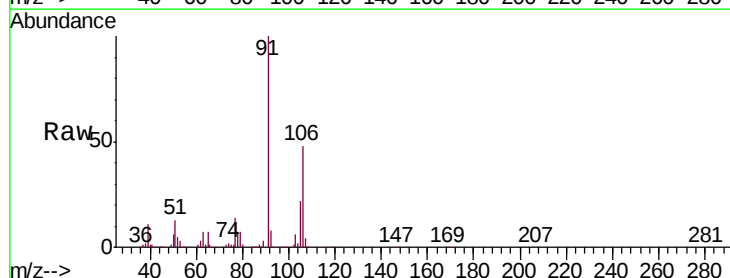
Acq: 08 Sep 2019 03:40

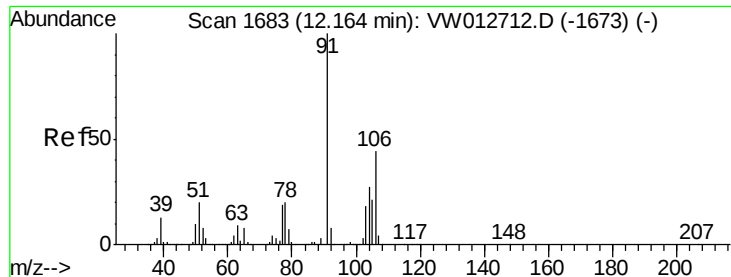
Tgt Ion: 106 Resp: 160721

Ion Ratio Lower Upper

106 100

91 211.6 168.2 252.4

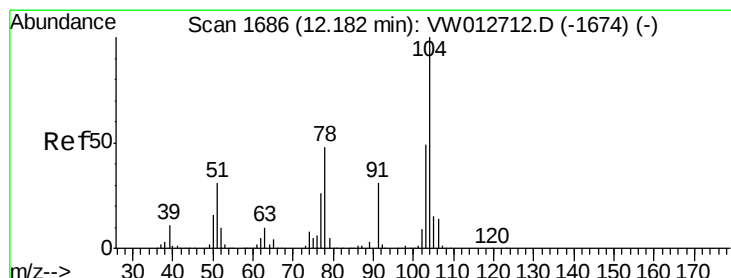
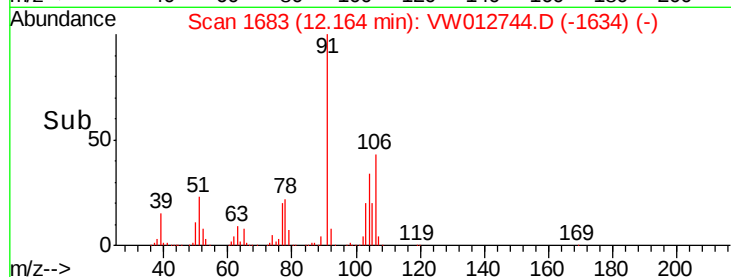
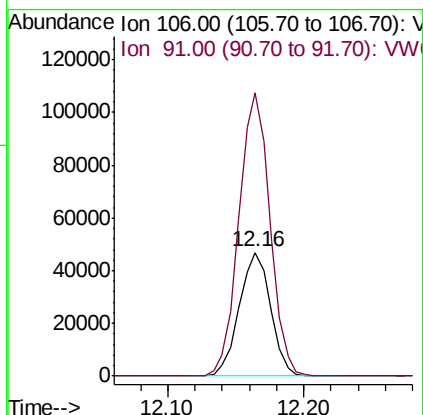
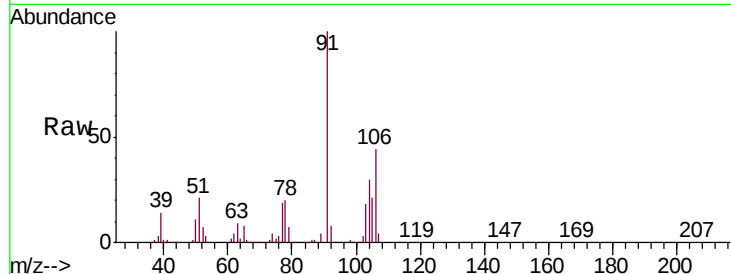




#69
o-Xylene
Concen: 19.424 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

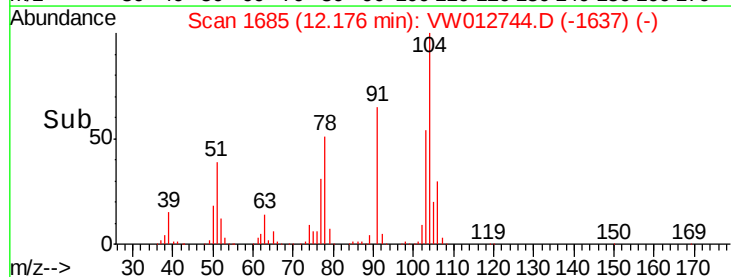
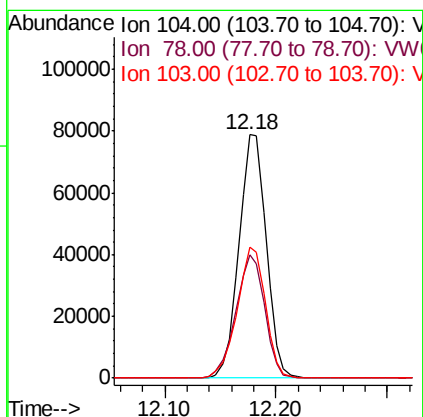
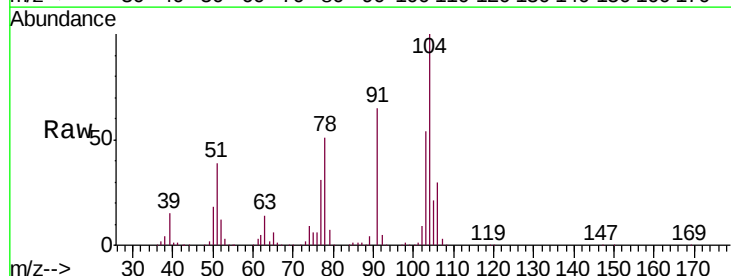
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

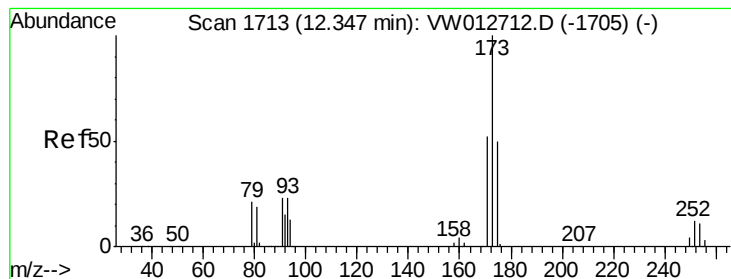
Tgt Ion:106 Resp: 75562
Ion Ratio Lower Upper
106 100
91 226.8 112.3 336.8



#70
Styrene
Concen: 19.490 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion:104 Resp: 133976
Ion Ratio Lower Upper
104 100
78 53.4 43.3 64.9
103 55.8 44.0 66.0





#71

Bromoform

Concen: 18.662 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

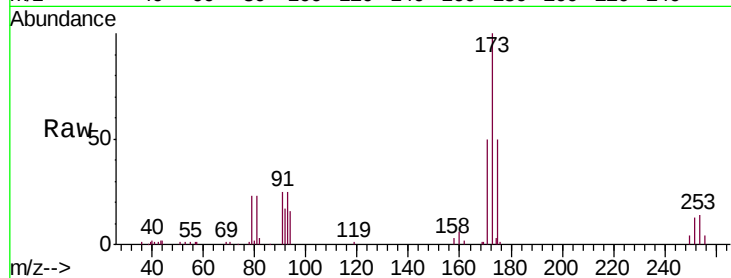
Tgt Ion:173 Resp: 23509

Ion Ratio Lower Upper

173 100

175 47.6 24.8 74.3

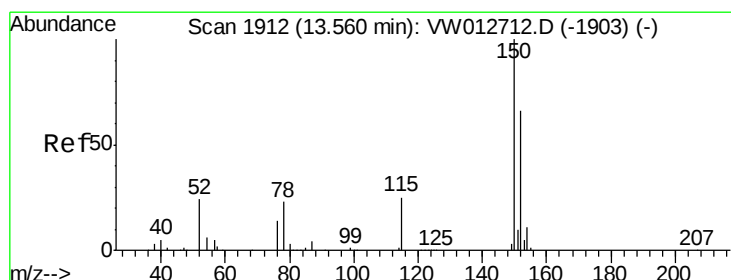
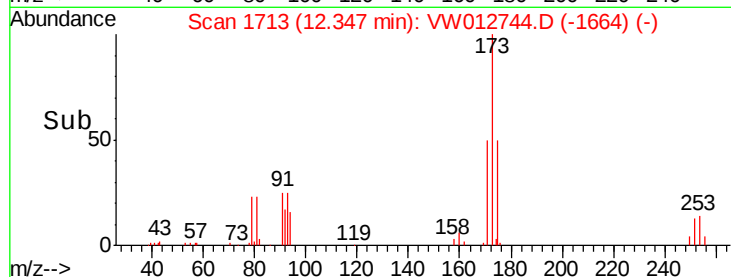
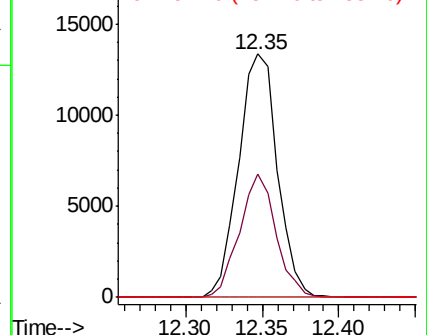
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

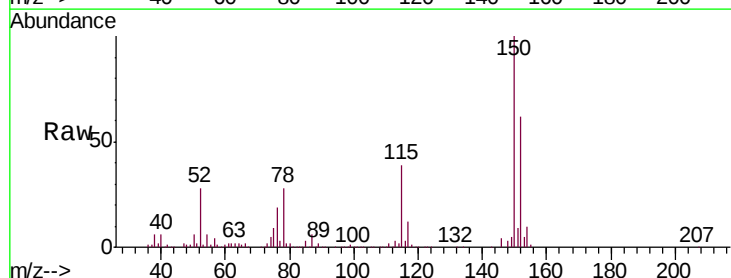
Tgt Ion:152 Resp: 159273

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.1

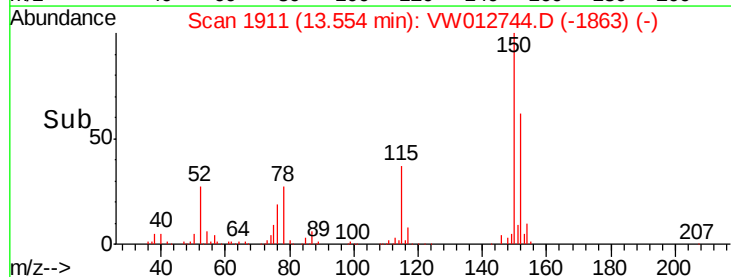
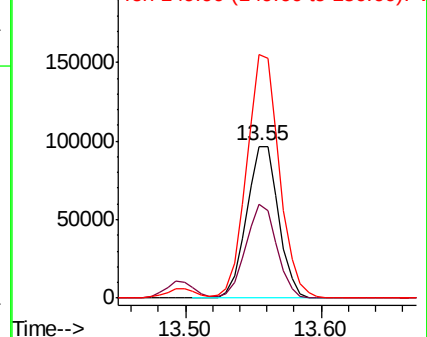
150 163.3 0.0 349.0

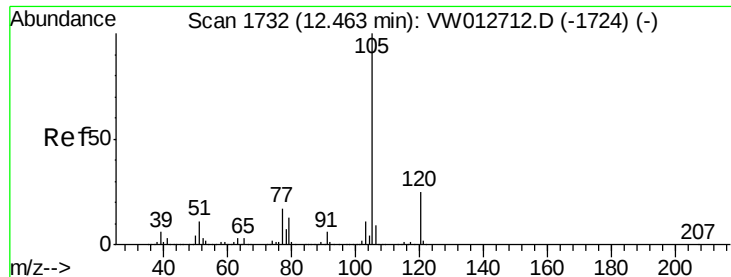


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.018 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampled :

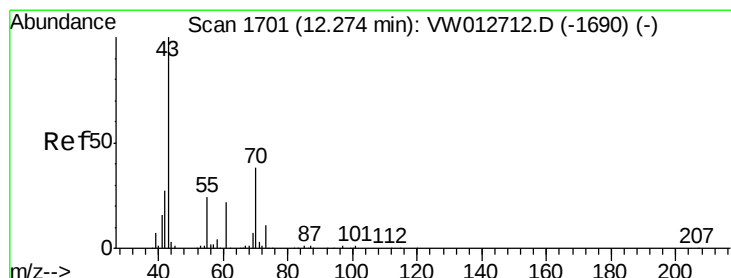
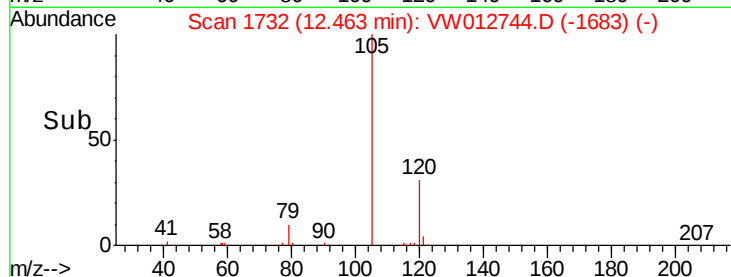
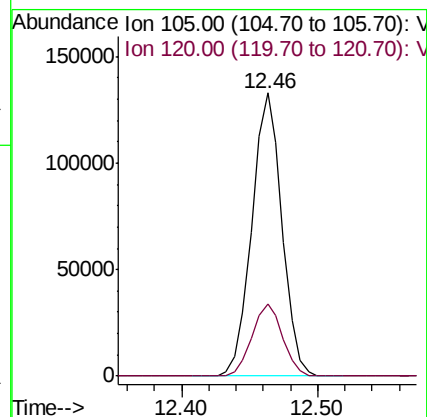
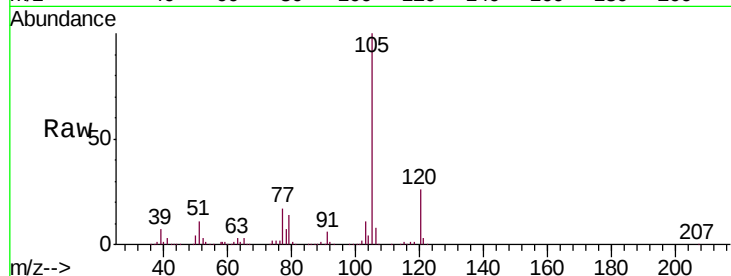
VW0907SBS02

Tgt Ion: 105 Resp: 205834

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 17.328 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Tgt Ion: 43 Resp: 62830

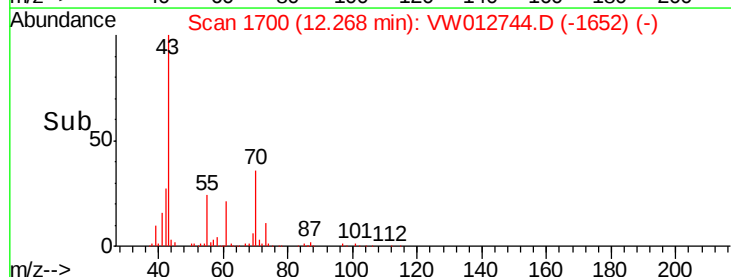
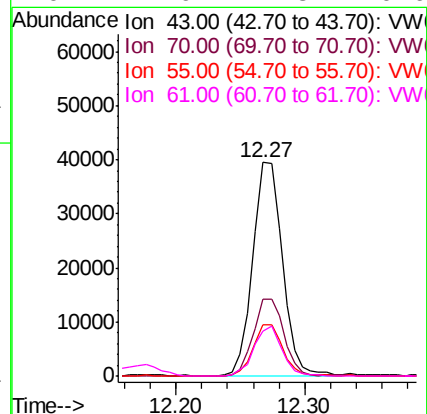
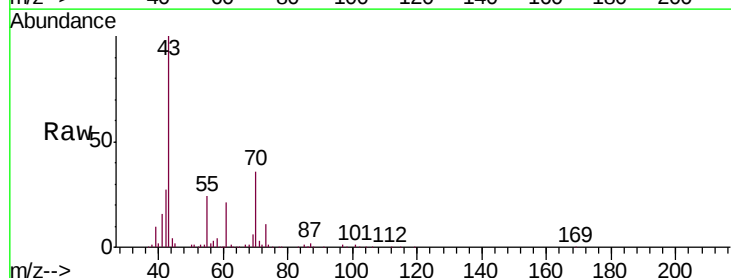
Ion Ratio Lower Upper

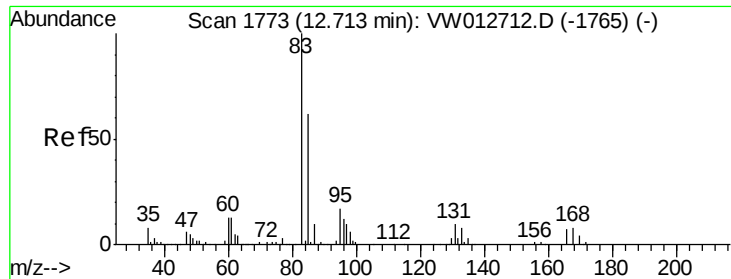
43 100

70 36.7 29.4 44.0

55 23.8 18.6 27.8

61 21.9 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.171 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

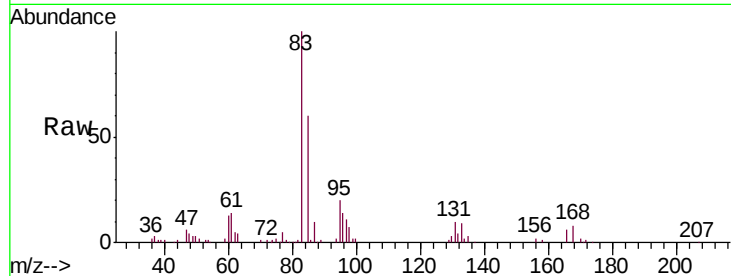
Tgt Ion: 83 Resp: 41687

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.4

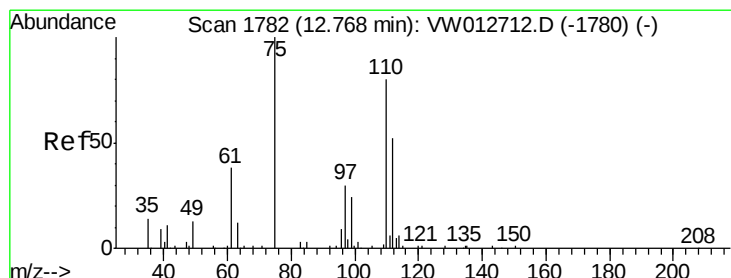
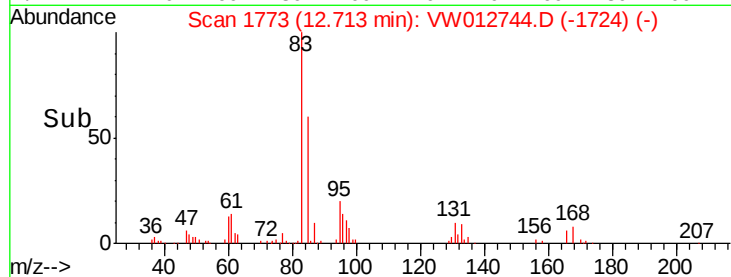
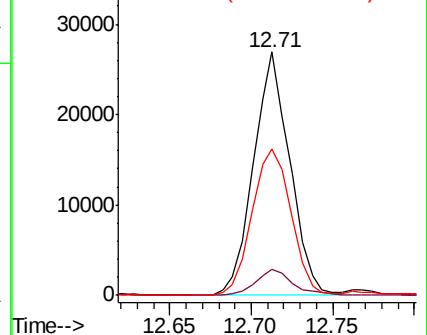
85 64.6 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.440 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012744.D

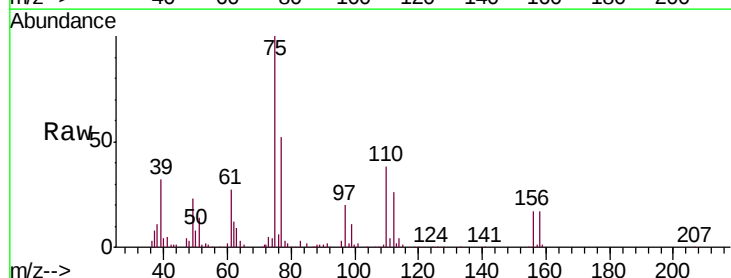
Acq: 08 Sep 2019 03:40

Tgt Ion: 75 Resp: 54462

Ion Ratio Lower Upper

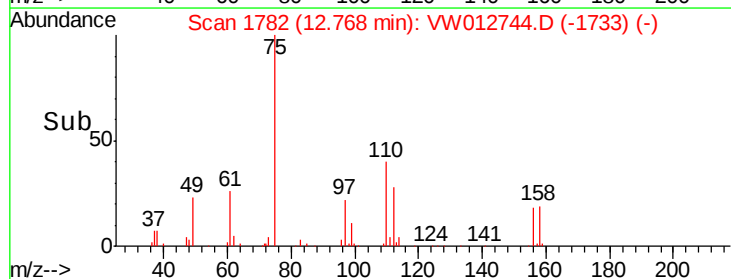
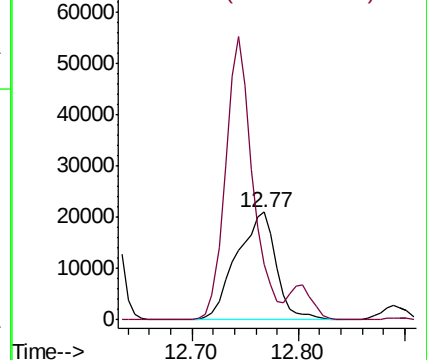
75 100

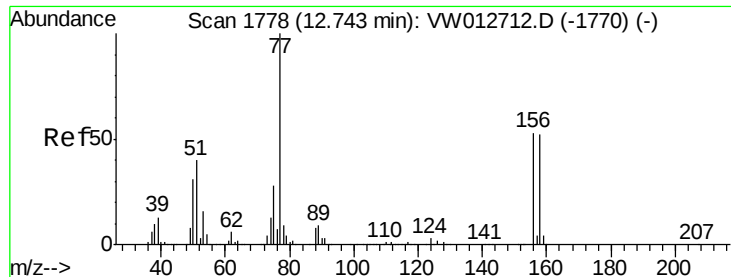
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.624 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

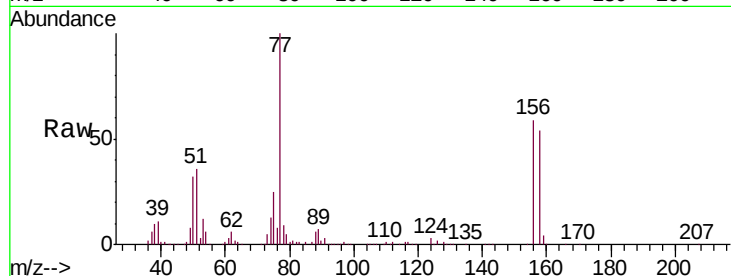
Tgt Ion:156 Resp: 50788

Ion Ratio Lower Upper

156 100

77 194.6 102.3 306.9

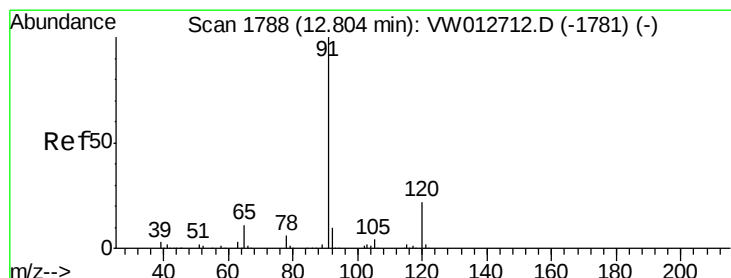
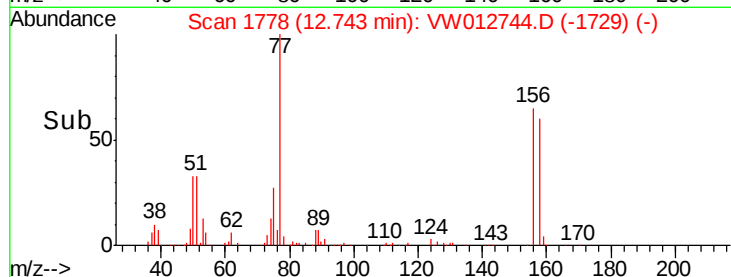
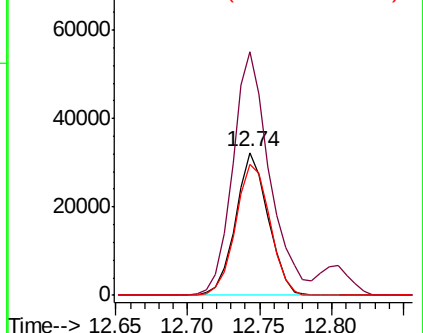
158 96.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.260 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012744.D

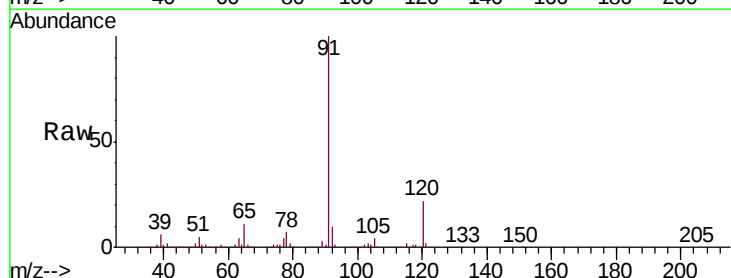
Acq: 08 Sep 2019 03:40

Tgt Ion: 91 Resp: 249473

Ion Ratio Lower Upper

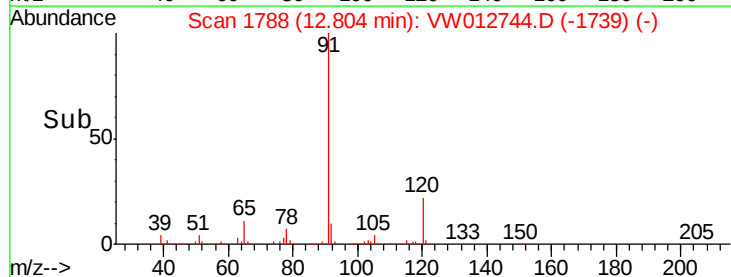
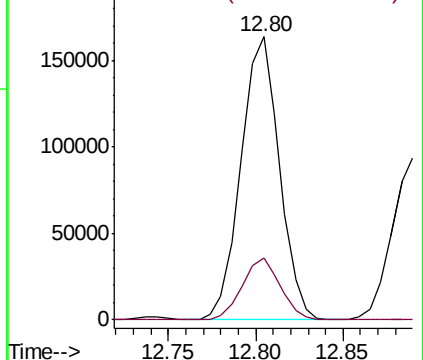
91 100

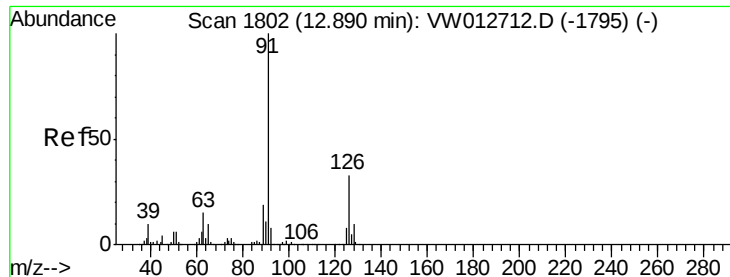
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.170 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

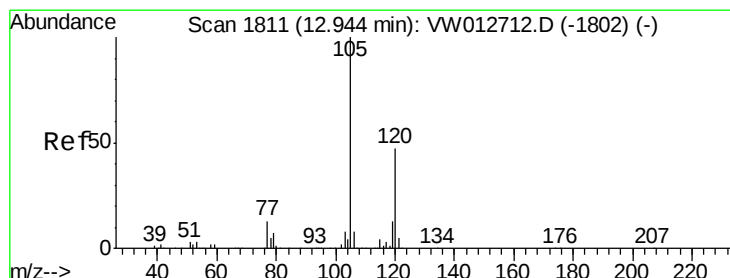
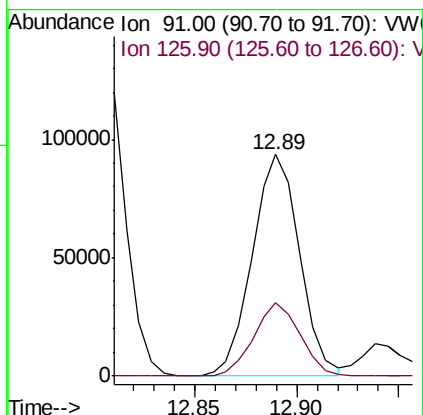
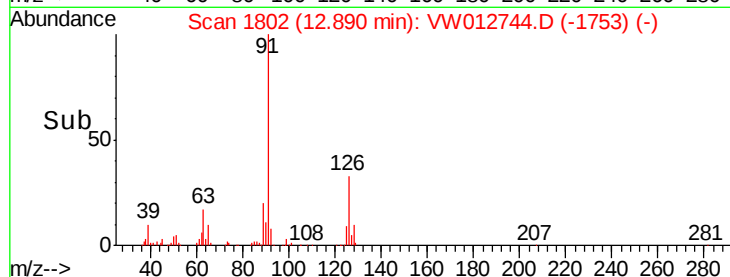
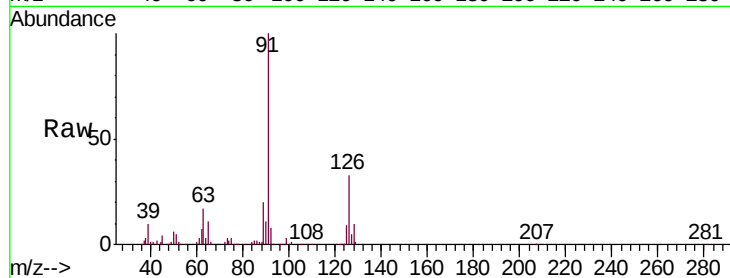
VW0907SBS02

Tgt Ion: 91 Resp: 150354

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 19.276 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW012744.D

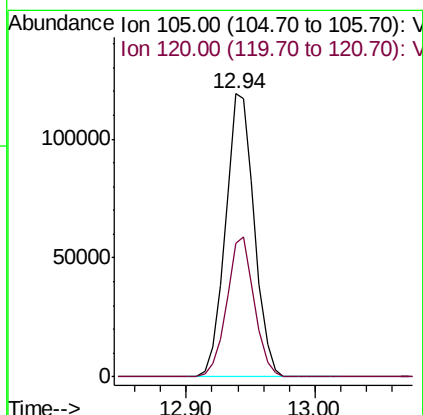
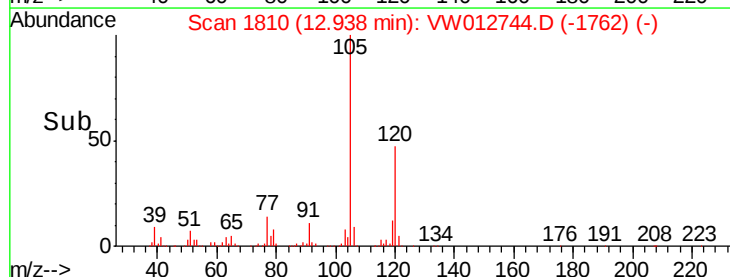
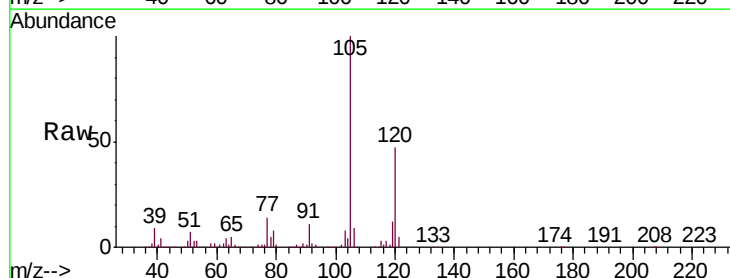
Acq: 08 Sep 2019 03:40

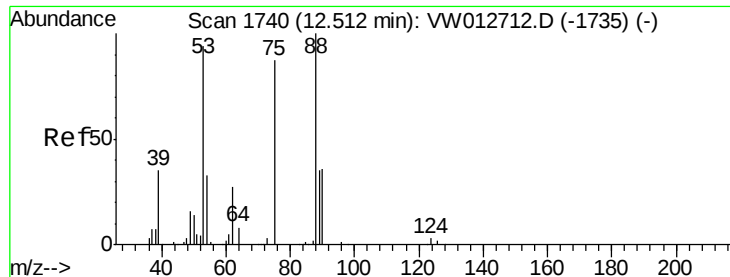
Tgt Ion:105 Resp: 185546

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.294 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

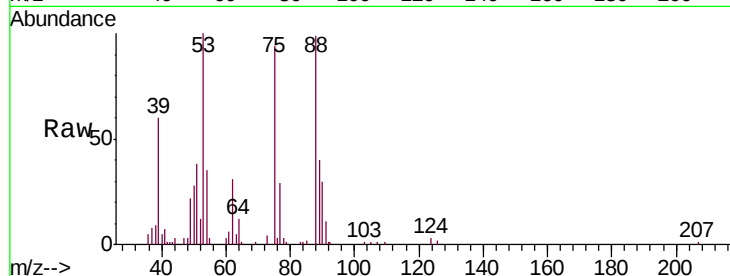
Tgt Ion: 75 Resp: 11777

Ion Ratio Lower Upper

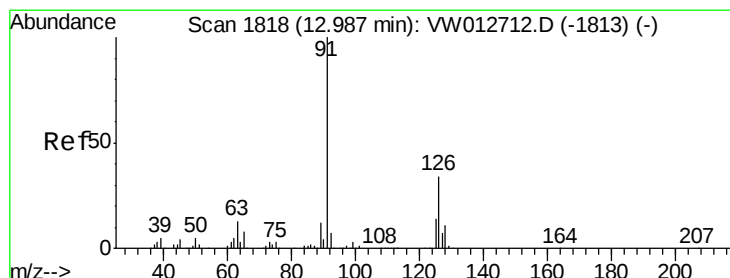
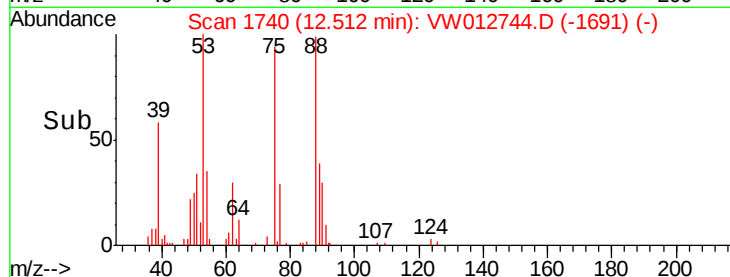
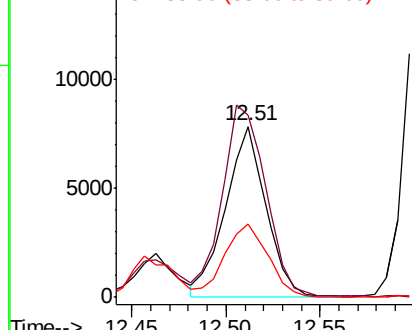
75 100

53 119.2 87.6 131.4

89 46.1 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VW
15000 Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 19.014 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012744.D

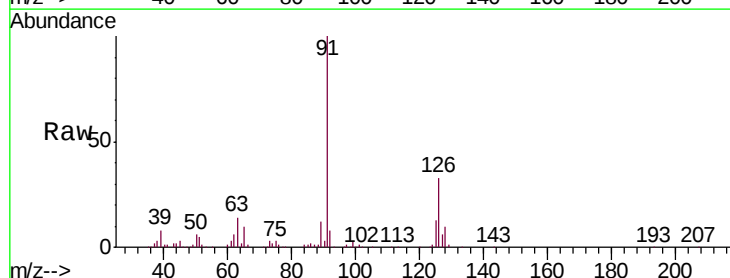
Acq: 08 Sep 2019 03:40

Tgt Ion: 91 Resp: 157748

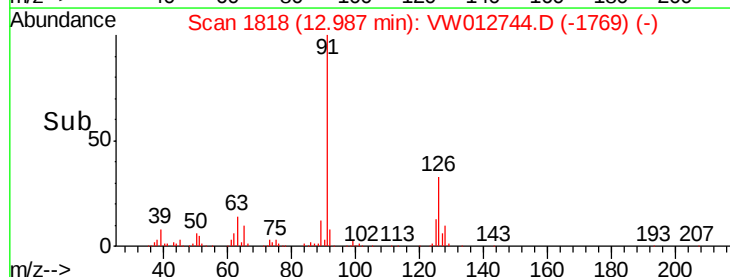
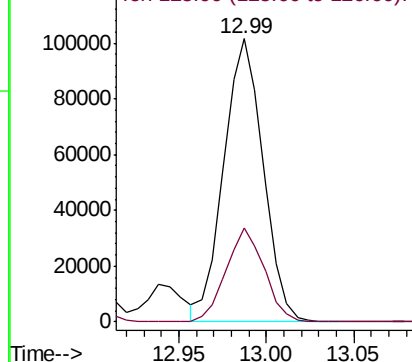
Ion Ratio Lower Upper

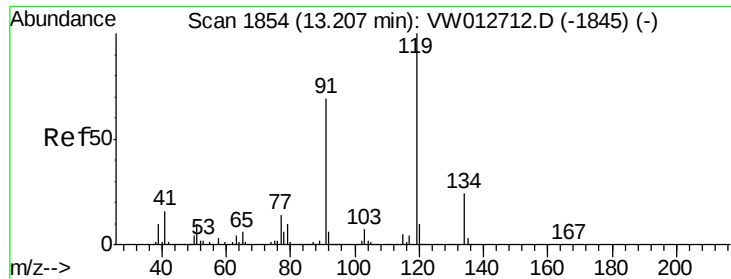
91 100

126 32.3 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW
120000 Ion 125.90 (125.60 to 126.60): V

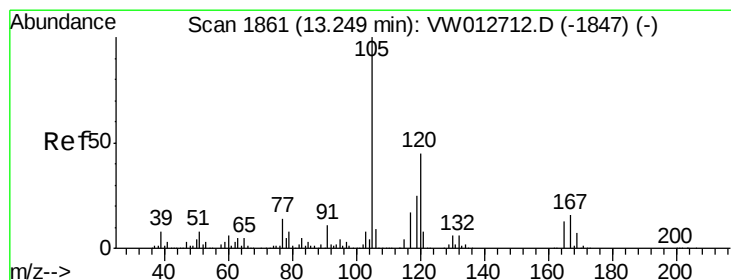
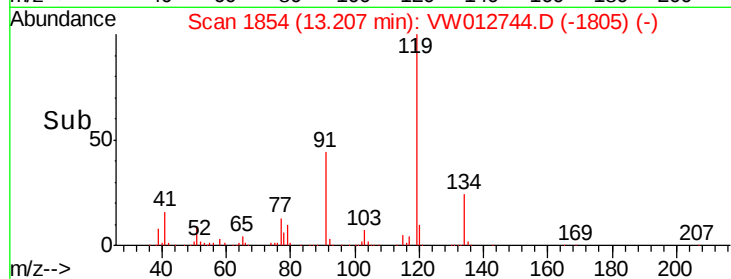
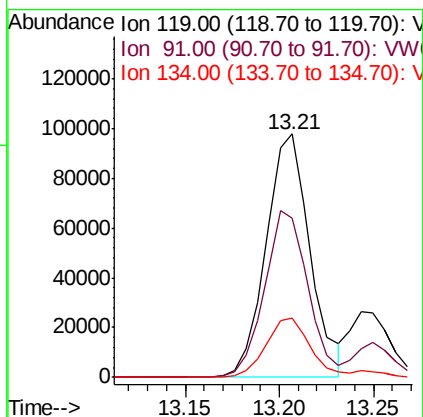
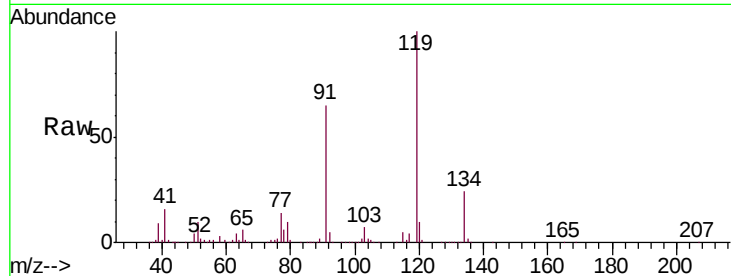




#83
 tert-Butylbenzene
 Concen: 18.598 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

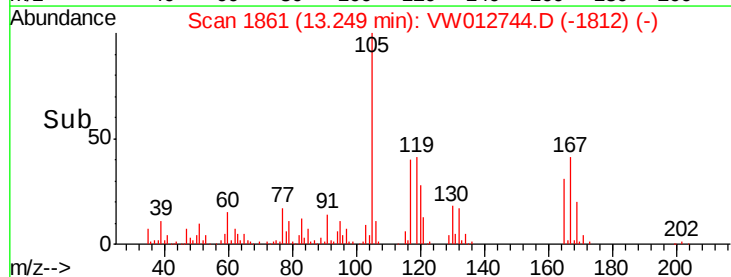
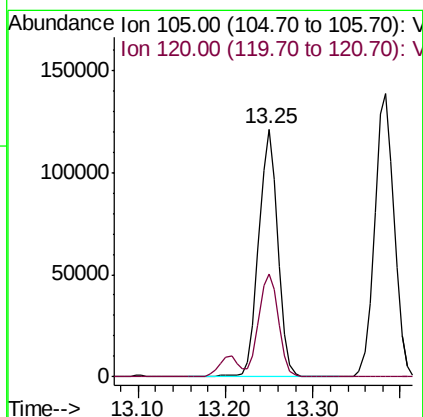
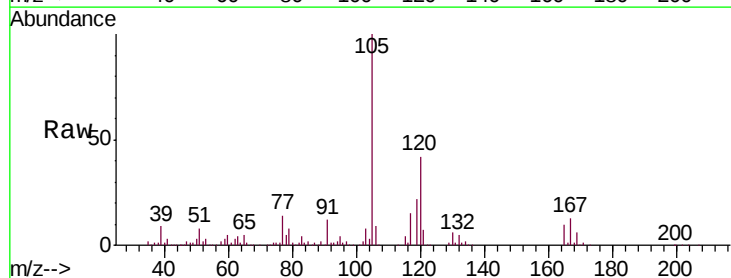
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

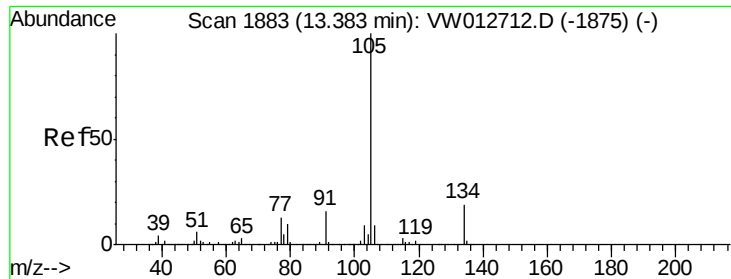
Tgt Ion:119 Resp: 158294
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.2 102.5
 134 24.5 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.958 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion:105 Resp: 183882
 Ion Ratio Lower Upper
 105 100
 120 42.3 22.1 66.3

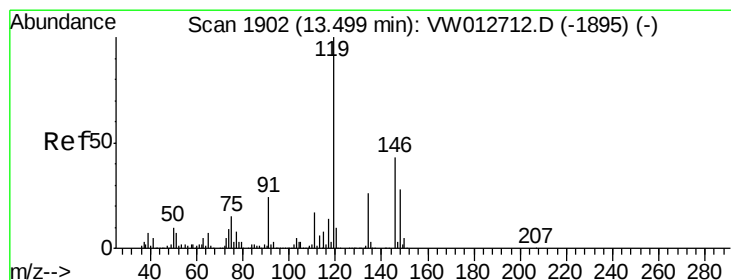
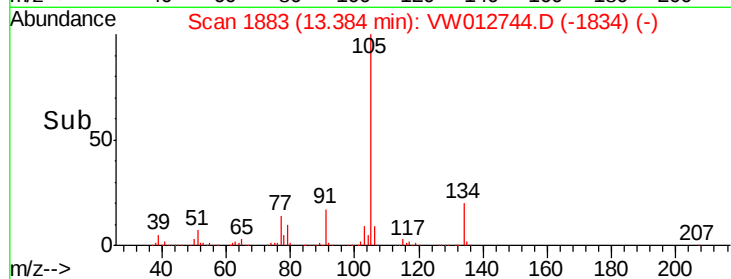
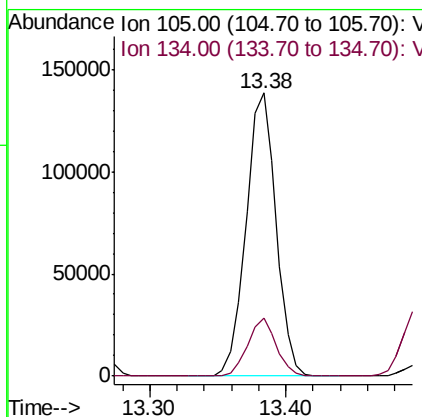
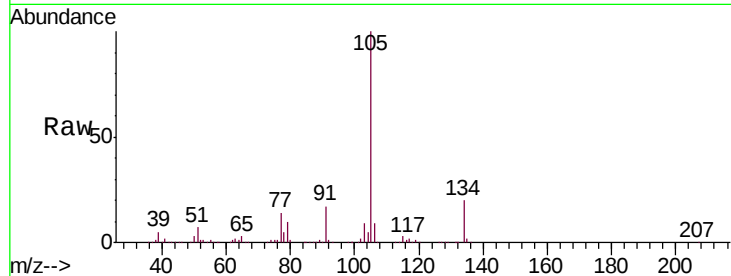




#85
 sec-Butylbenzene
 Concen: 18.123 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

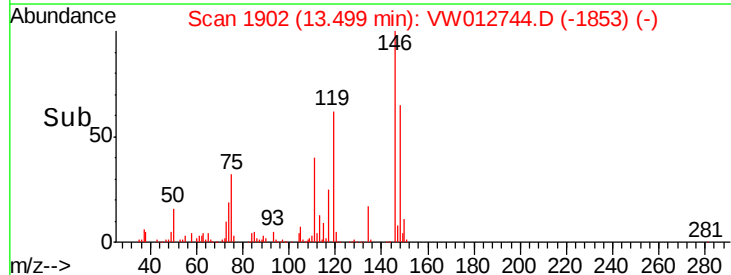
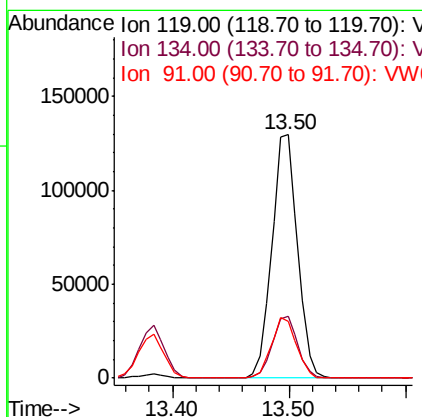
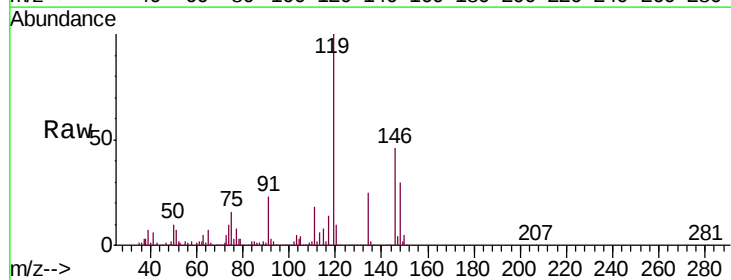
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

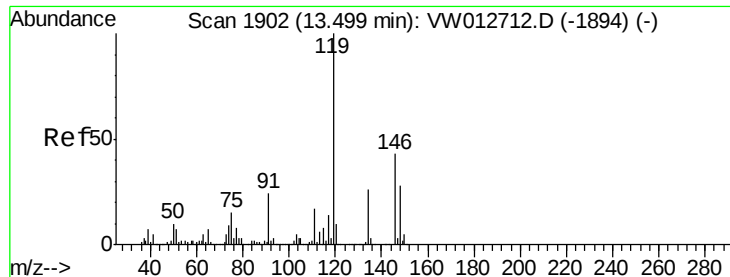
Tgt Ion:105 Resp: 214049
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.363 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion:119 Resp: 198105
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.5 12.2 36.6

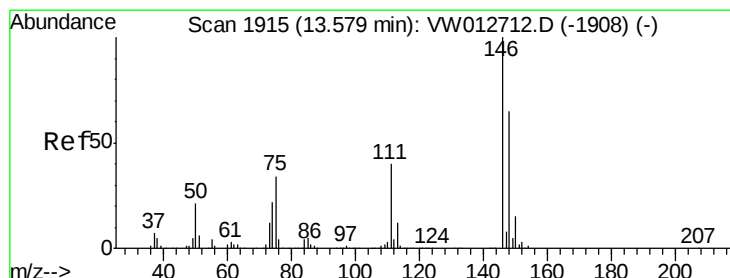
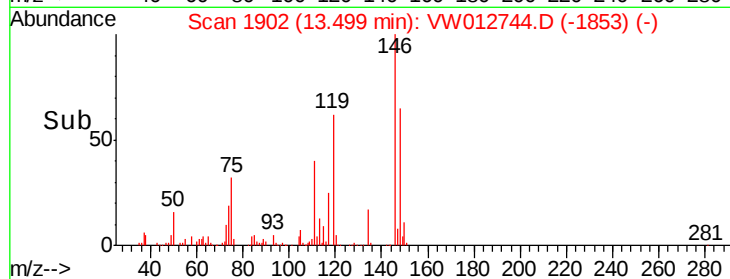
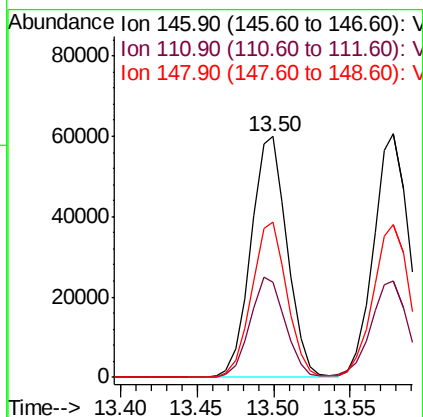
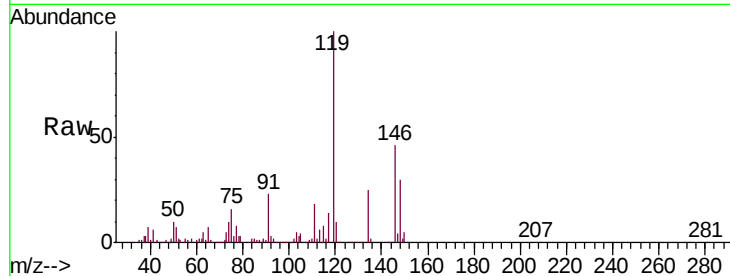




#87
 1,3-Dichlorobenzene
 Concen: 19.418 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

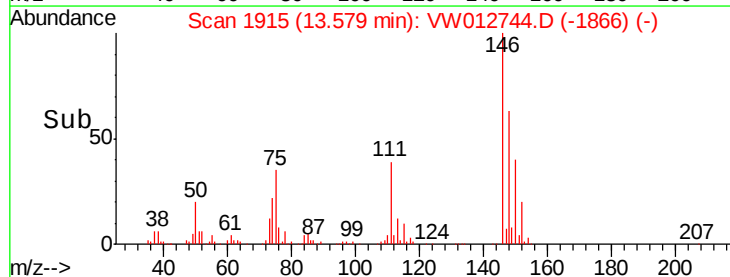
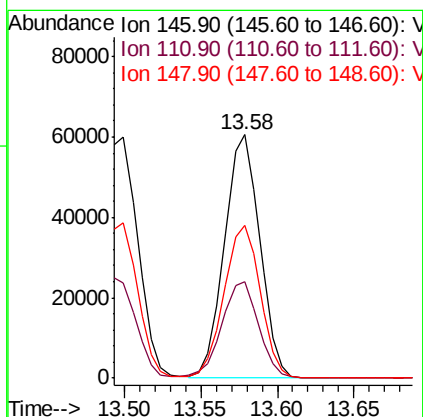
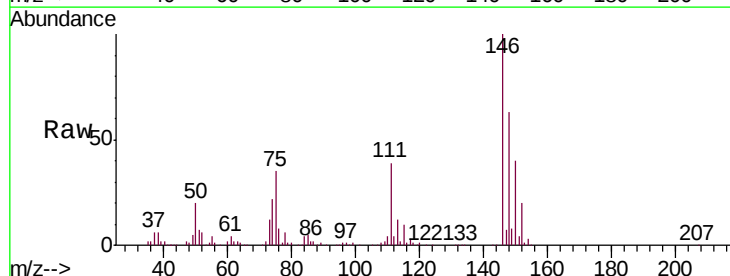
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

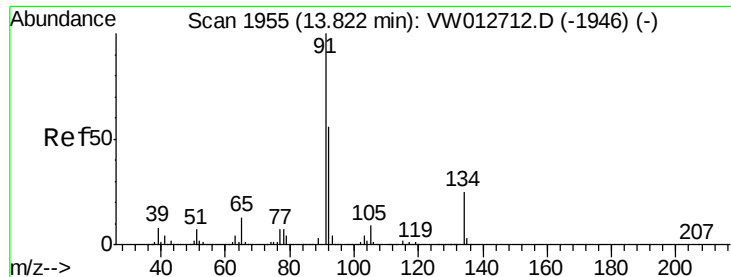
Tgt Ion:146 Resp: 98782
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.4 61.2
 148 62.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.200 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion:146 Resp: 97187
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 60.0
 148 64.5 32.2 96.6





#89

n-Butylbenzene

Concen: 17.366 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012744.D

Acq: 08 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

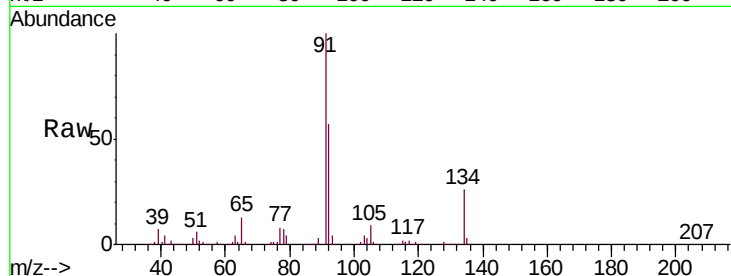
Tgt Ion: 91 Resp: 181875

Ion Ratio Lower Upper

91 100

92 55.0 27.2 81.5

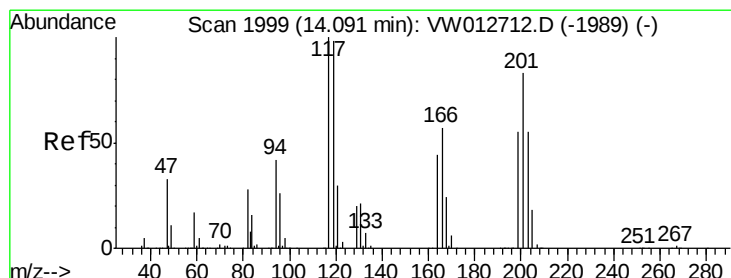
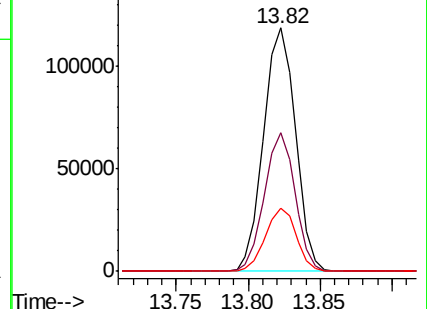
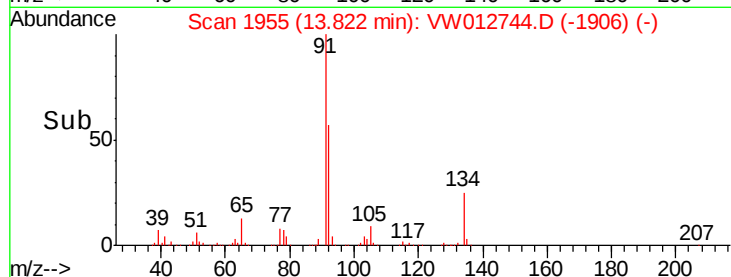
134 25.2 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.686 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012744.D

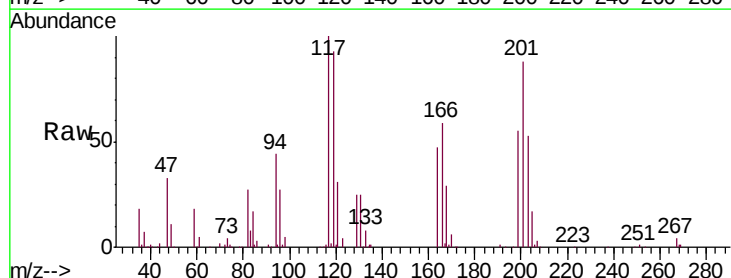
Acq: 08 Sep 2019 03:40

Tgt Ion: 117 Resp: 35191

Ion Ratio Lower Upper

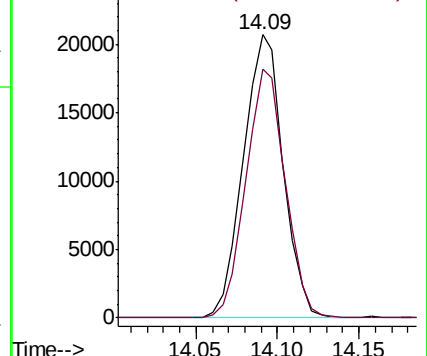
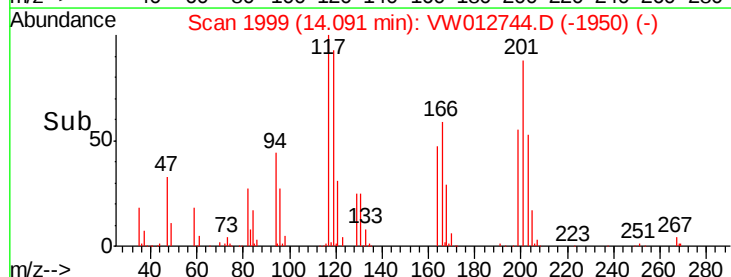
117 100

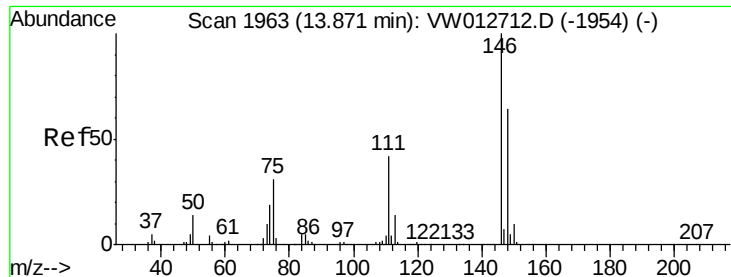
201 87.1 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

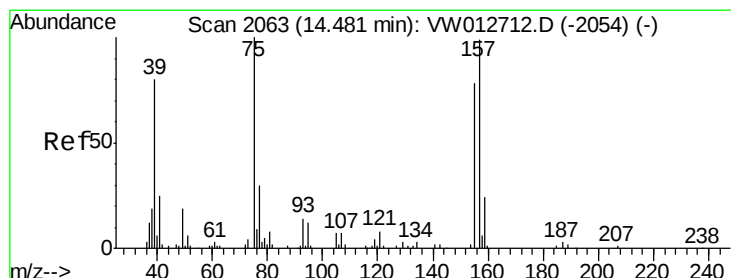
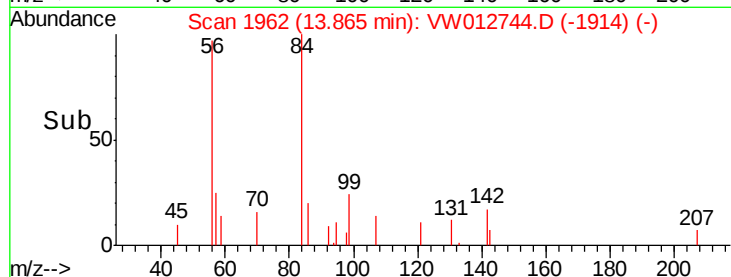
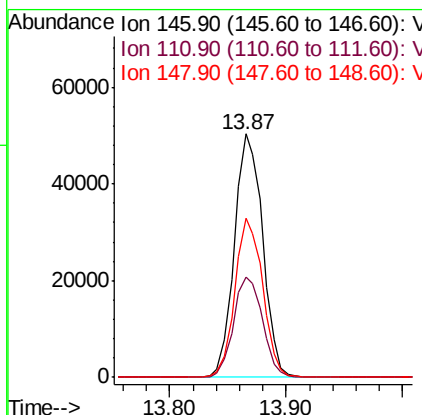
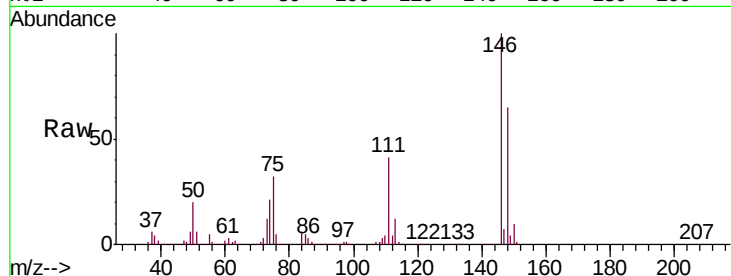




#91
 1,2-Dichlorobenzene
 Concen: 18.589 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

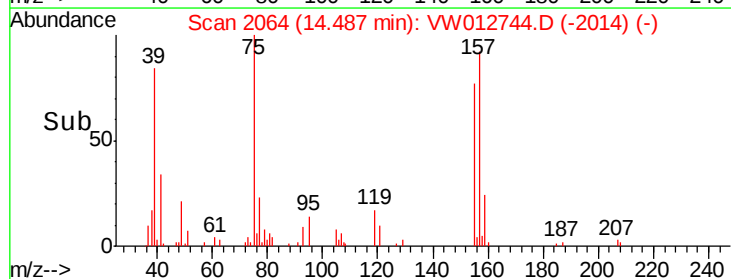
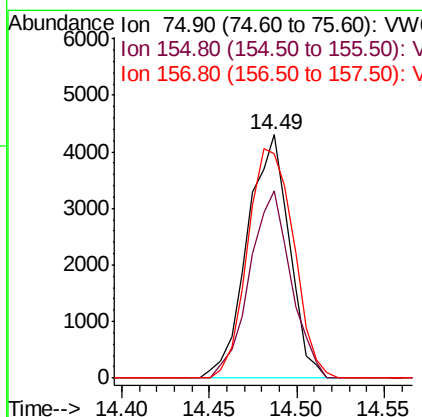
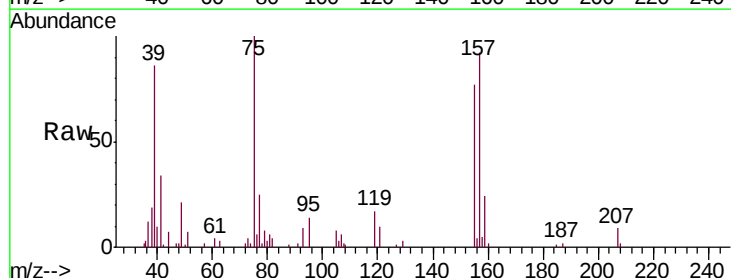
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

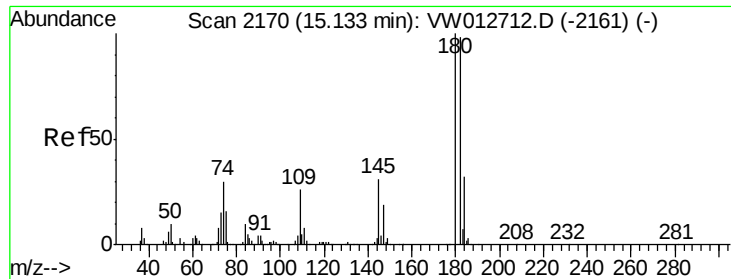
Tgt Ion:146 Resp: 85111
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 63.9
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.052 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion: 75 Resp: 7159
 Ion Ratio Lower Upper
 75 100
 155 76.2 40.6 122.0
 157 103.8 52.5 157.5

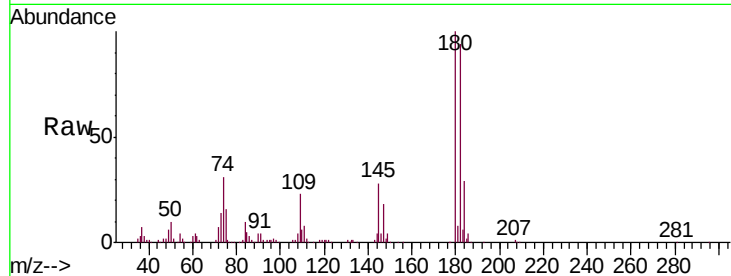




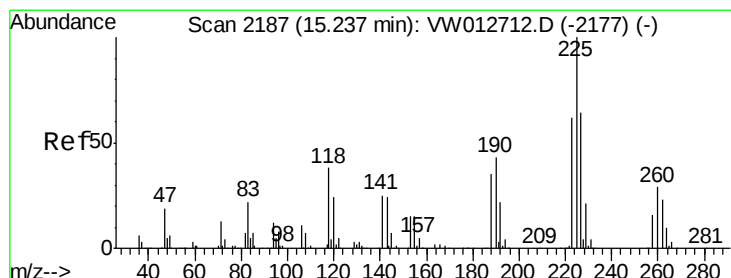
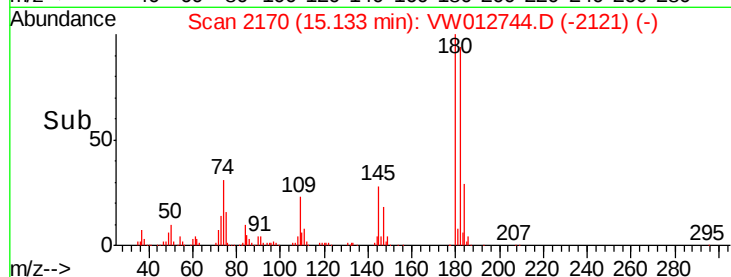
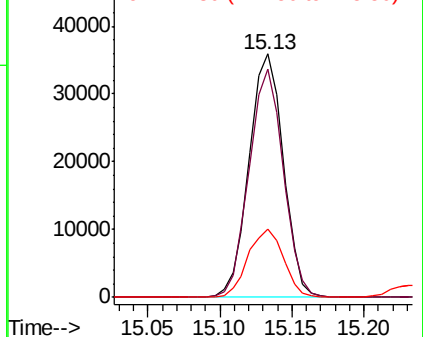
#93
 1,2,4-Trichlorobenzene
 Concen: 18.518 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tgt Ion:180 Resp: 59032
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.7 146.1
 145 29.2 15.0 45.1

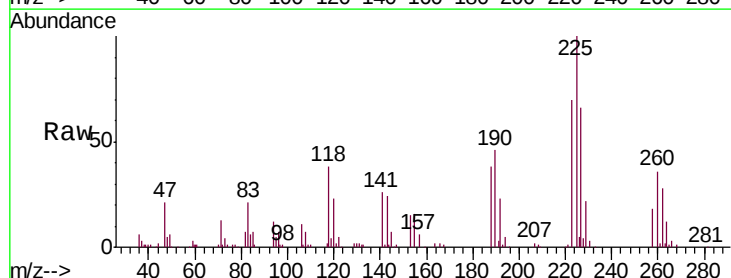


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

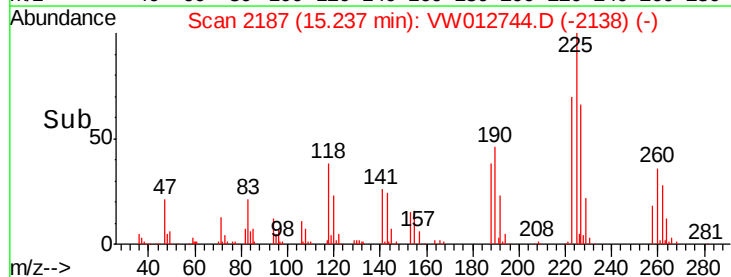
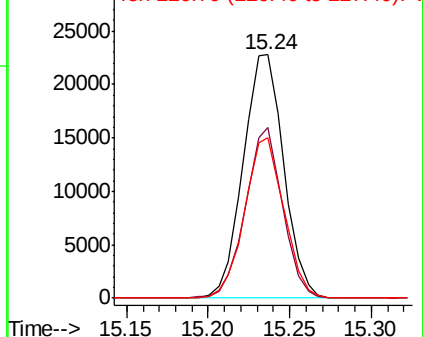


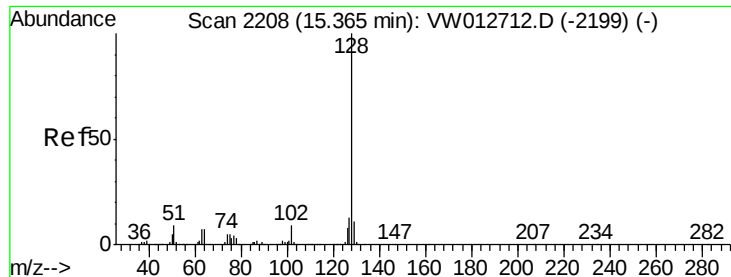
#94
 Hexachlorobutadiene
 Concen: 17.886 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012744.D
 Acq: 08 Sep 2019 03:40

Tgt Ion:225 Resp: 39465
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.1 93.3
 227 63.8 31.4 94.2



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

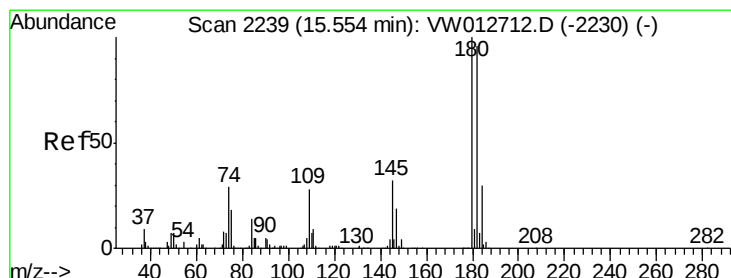
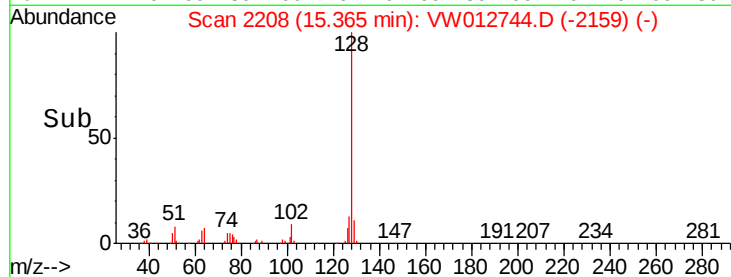
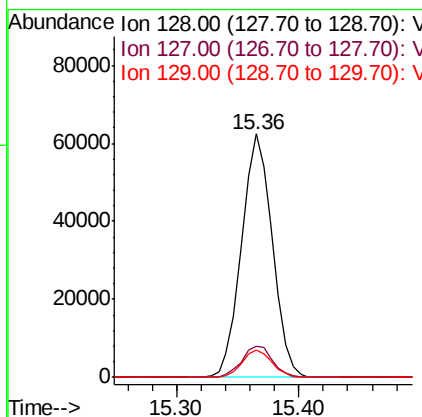
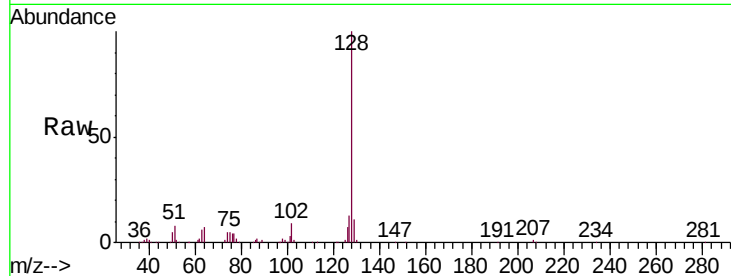




#95
Naphthalene
Concen: 19.298 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tgt Ion:128 Resp: 108965
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.172 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012744.D
Acq: 08 Sep 2019 03:40

Tgt Ion:180 Resp: 48320
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 31.0 15.4 46.2

