

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
 Data File : VW011783.D
 Acq On : 08 Aug 2019 22:03
 Operator : SY/VA
 Sample : VW0810SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Quant Time: Aug 09 05:37:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169929	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	150857	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	7.88	113	120770	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.32	98	493565	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	172301	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	25939	18.855 ug/l	95
3) Chloromethane	2.21	50	43993	18.442 ug/l	100
4) Vinyl Chloride	2.35	62	53654	18.682 ug/l	97
5) Bromomethane	2.76	94	27851	17.520 ug/l	98
6) Chloroethane	2.91	64	30190	18.403 ug/l	96
7) Trichlorofluoromethane	3.25	101	23926	18.641 ug/l	99
8) Diethyl Ether	3.68	74	28017	19.252 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45758	18.793 ug/l	99
10) Methyl Iodide	4.27	142	64054	18.616 ug/l	100
11) Tert butyl alcohol	5.17	59	17245	69.571 ug/l #	72
12) 1,1-Dichloroethene	4.04	96	47153	18.342 ug/l	99
13) Acrolein	3.89	56	15607	76.738 ug/l	97
14) Allyl chloride	4.67	41	102671	18.777 ug/l	99
15) Acrylonitrile	5.37	53	68904	94.849 ug/l	100
16) Acetone	4.12	43	59740	66.257 ug/l	99
17) Carbon Disulfide	4.38	76	144483	17.957 ug/l	99
18) Methyl Acetate	4.67	43	40858	20.172 ug/l	99
19) Methyl tert-butyl Ether	5.42	73	78989	19.362 ug/l	94
20) Methylene Chloride	4.92	84	59686	19.194 ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	52050	18.780 ug/l	95
22) Diisopropyl ether	6.31	45	199949	19.396 ug/l	96
23) Vinyl Acetate	6.25	43	599846	92.603 ug/l	99
24) 1,1-Dichloroethane	6.21	63	105159	19.047 ug/l	98
25) 2-Butanone	7.17	43	94208	79.850 ug/l	99
26) 2,2-Dichloropropane	7.16	77	55756	16.421 ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	58532	19.188 ug/l	99
28) Bromochloromethane	7.51	49	54320	22.166 ug/l	100
29) Tetrahydrofuran	7.53	42	62644	92.889 ug/l	99
30) Chloroform	7.67	83	97635	19.168 ug/l	95
31) Cyclohexane	7.95	56	99722	18.816 ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	75279	19.406 ug/l	98
36) 1,1-Dichloropropene	8.08	75	79431	18.676 ug/l	100
37) Ethyl Acetate	7.25	43	45476	18.585 ug/l	98
38) Carbon Tetrachloride	8.07	117	67290	18.482 ug/l	96

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 VW0810SBSD01

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 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87485	18.681	ug/l	94
40) Benzene	8.32	78	222852	18.707	ug/l	99
41) Methacrylonitrile	7.48	41	26592	18.180	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70435	18.884	ug/l	100
43) Isopropyl Acetate	8.43	43	84537	18.786	ug/l	100
44) Trichloroethene	9.09	130	52255	18.250	ug/l	96
45) 1,2-Dichloropropane	9.37	63	59604	18.699	ug/l	99
46) Dibromomethane	9.46	93	27046	18.590	ug/l	100
47) Bromodichloromethane	9.65	83	70022	18.348	ug/l	100
48) Methyl methacrylate	9.43	41	39827	18.424	ug/l	100
49) 1,4-Dioxane	9.45	88	7747	367.761	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	213580	91.247	ug/l	99
52) Toluene	10.39	92	132908	18.474	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	71329	17.893	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	85867	18.116	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38087	18.451	ug/l	99
56) Ethyl methacrylate	10.65	69	55863	18.494	ug/l	99
57) 1,3-Dichloropropane	10.93	76	72081	18.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	160054	116.702	ug/l	100
59) 2-Hexanone	10.97	43	142348	86.132	ug/l	99
60) Dibromochloromethane	11.13	129	41992	18.327	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35592	18.220	ug/l	99
64) Tetrachloroethene	10.86	164	44707	19.437	ug/l	97
65) Chlorobenzene	11.66	112	133715	18.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46596	18.835	ug/l	99
67) Ethyl Benzene	11.73	91	256375	18.954	ug/l	100
68) m/p-Xylenes	11.84	106	186595	37.932	ug/l	99
69) o-Xylene	12.16	106	87028	19.038	ug/l	98
70) Styrene	12.18	104	149834	18.958	ug/l	100
71) Bromoform	12.35	173	23678	18.772	ug/l #	100
73) Isopropylbenzene	12.46	105	238514	18.815	ug/l	100
74) N-amyl acetate	12.27	43	72553	18.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	46032	19.304	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	60078	33.413	ug/l #	100
77) Bromobenzene	12.75	156	53837	19.214	ug/l	100
78) n-propylbenzene	12.80	91	291608	18.901	ug/l	99
79) 2-Chlorotoluene	12.89	91	168260	18.931	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	202896	19.093	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13413	17.192	ug/l	92
82) 4-Chlorotoluene	12.99	91	175401	18.809	ug/l	99
83) tert-Butylbenzene	13.21	119	172501	19.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	203977	19.055	ug/l	99
85) sec-Butylbenzene	13.38	105	240851	18.995	ug/l	100
86) p-Isopropyltoluene	13.50	119	215897	18.766	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101813	18.531	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	100833	18.449	ug/l	98
89) n-Butylbenzene	13.82	91	209092	18.212	ug/l	99
90) Hexachloroethane	14.09	117	37834	18.598	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	91354	18.800	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7760	19.084	ug/l	95

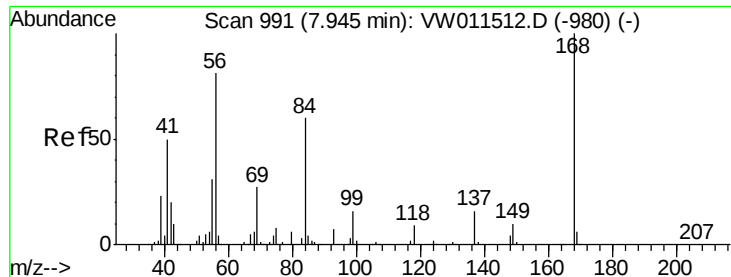
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
Data File : VW011783.D
Acq On : 08 Aug 2019 22:03
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	60096	17.548	ug/l	99
94) Hexachlorobutadiene	15.24	225	40125	18.788	ug/l	99
95) Naphthalene	15.36	128	110566	17.866	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	53371	17.779	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

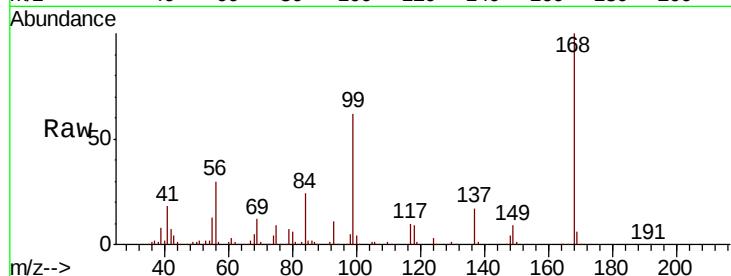
VW0810SBSD01

Tgt Ion:168 Resp: 246845

Ion Ratio Lower Upper

168 100

99 62.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

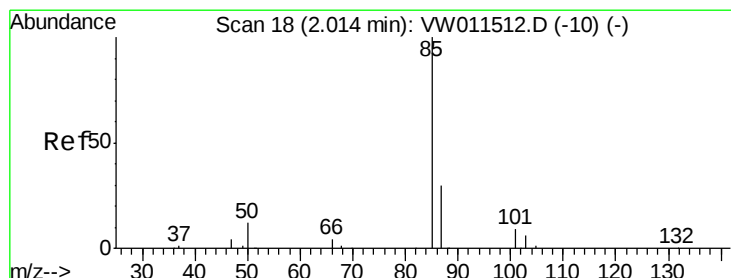
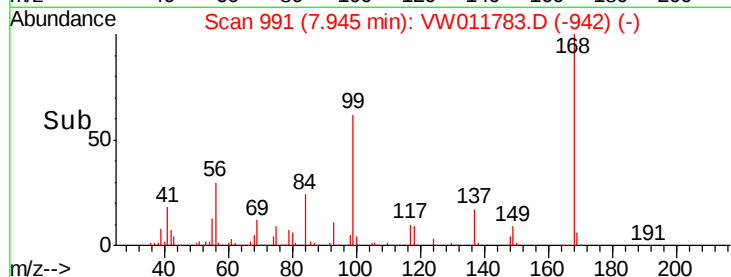
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.855 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011783.D

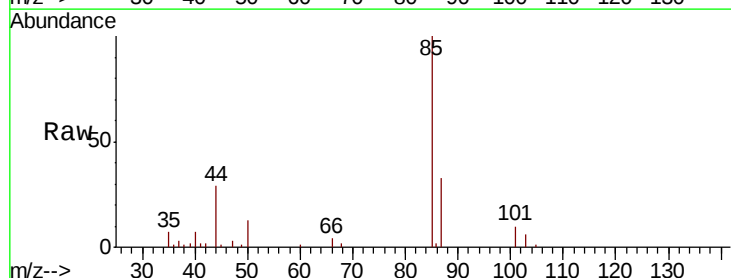
Acq: 08 Aug 2019 22:03

Tgt Ion: 85 Resp: 25939

Ion Ratio Lower Upper

85 100

87 32.9 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

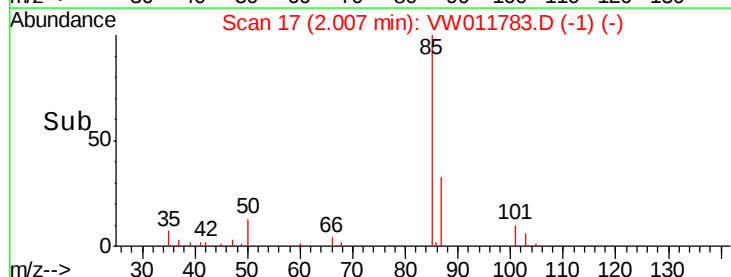
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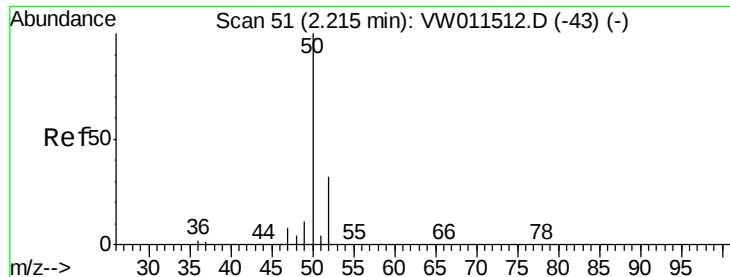
2000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 18.442 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

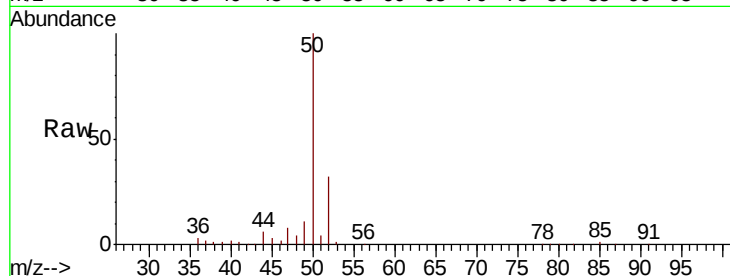
VW0810SBSD01

Tgt Ion: 50 Resp: 43993

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

25000

20000

15000

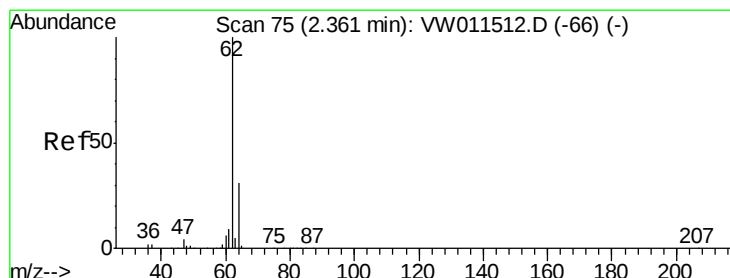
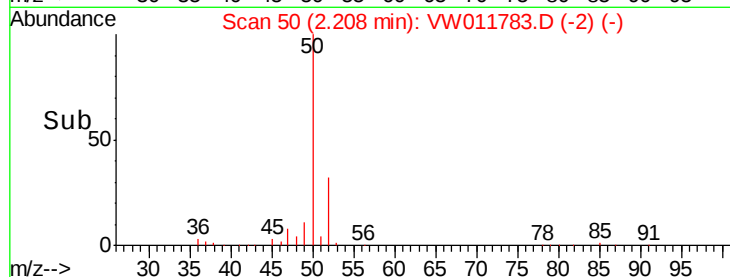
10000

5000

0

2.15 2.20 2.25 2.30

Time-->



#4

Vinyl Chloride

Concen: 18.682 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011783.D

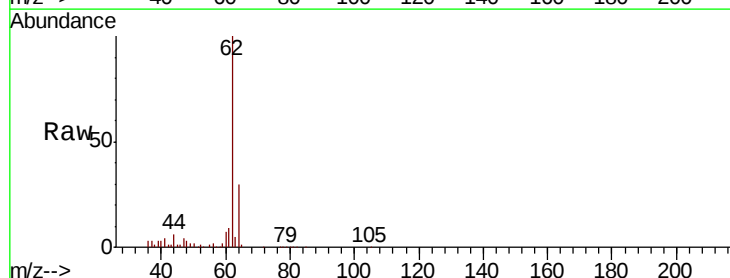
Acq: 08 Aug 2019 22:03

Tgt Ion: 62 Resp: 53654

Ion Ratio Lower Upper

62 100

64 29.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

30000

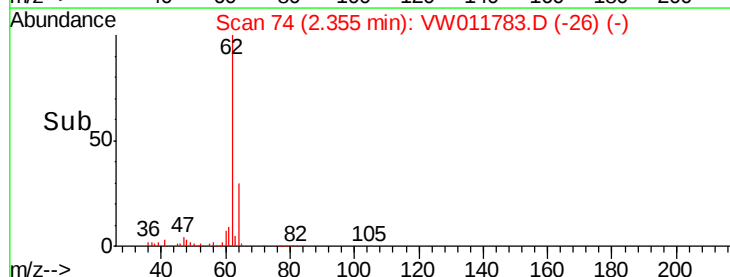
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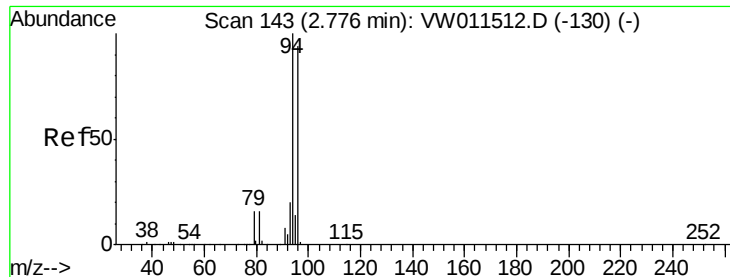
10000

0

2.30 2.40 2.50

Time-->





#5

Bromomethane

Concen: 17.520 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

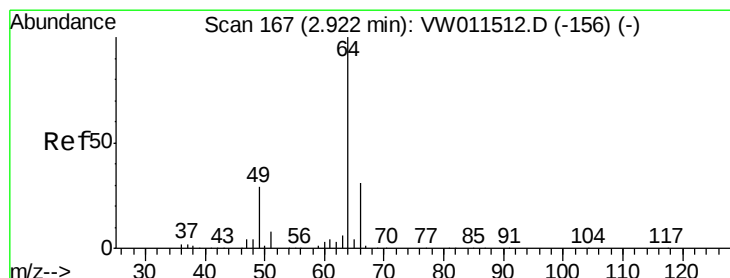
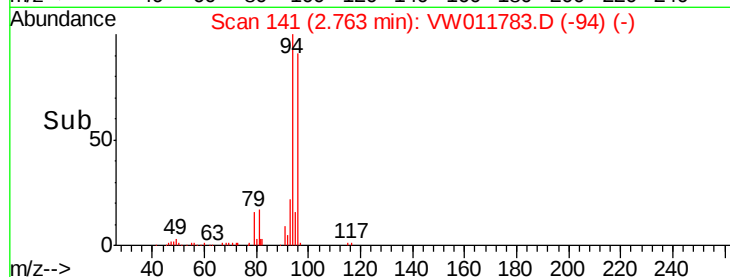
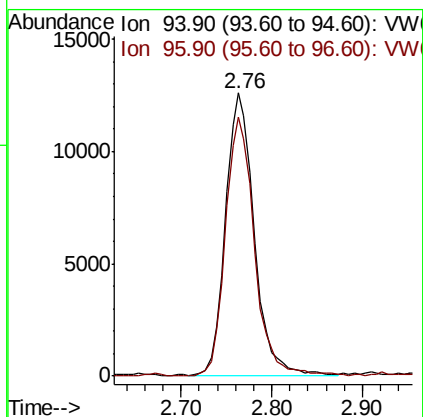
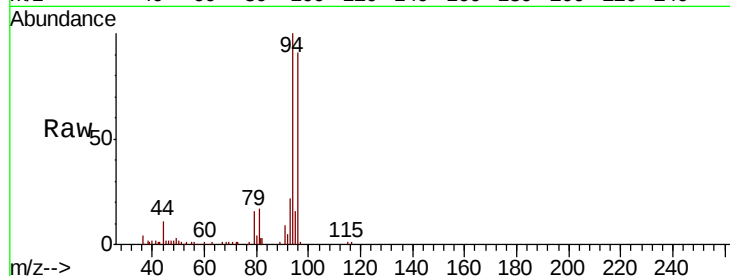
VW0810SBSD01

Tgt Ion: 94 Resp: 27851

Ion Ratio Lower Upper

94 100

96 91.4 75.0 112.6



#6

Chloroethane

Concen: 18.403 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011783.D

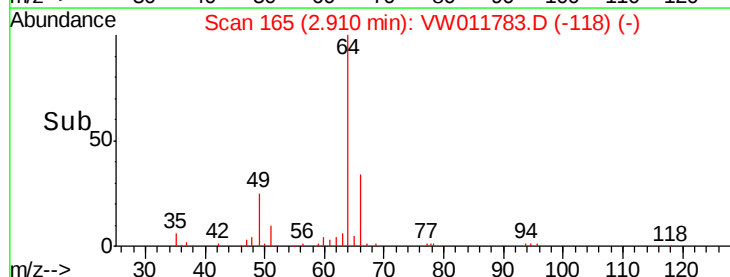
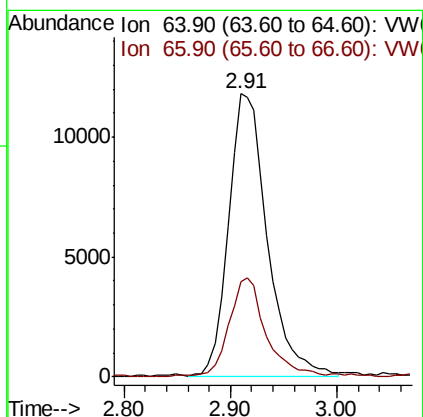
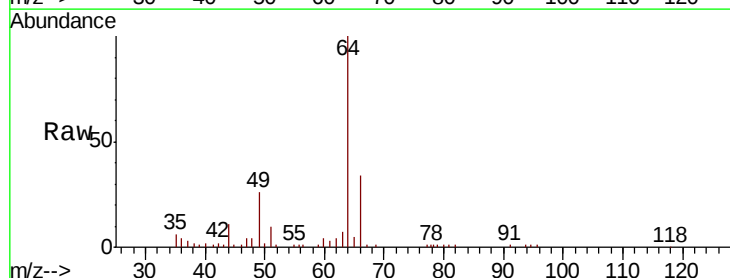
Acq: 08 Aug 2019 22:03

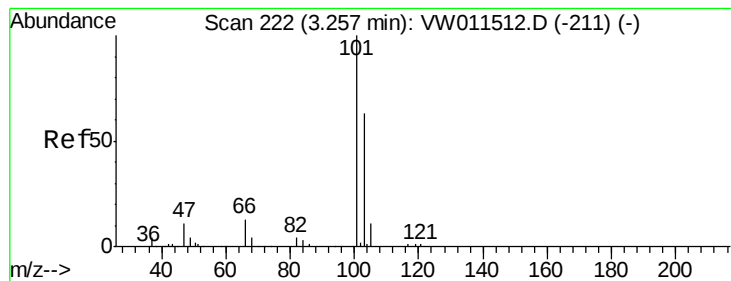
Tgt Ion: 64 Resp: 30190

Ion Ratio Lower Upper

64 100

66 33.0 24.6 36.8



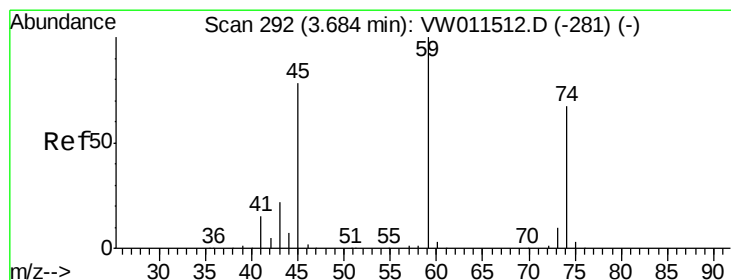
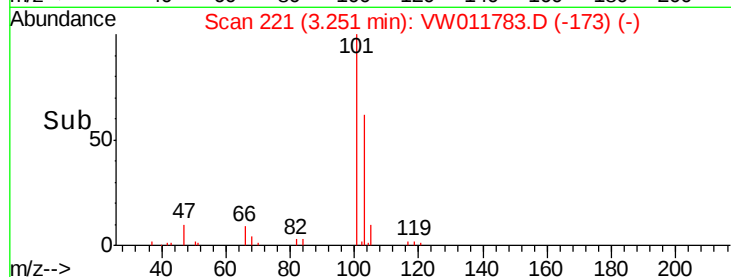
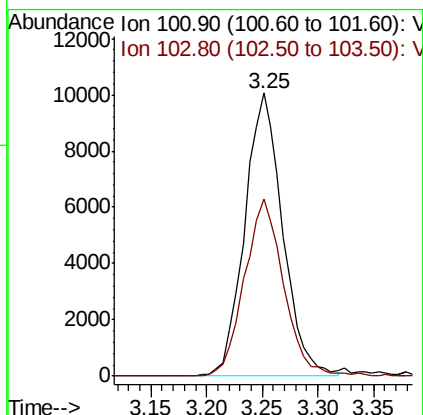
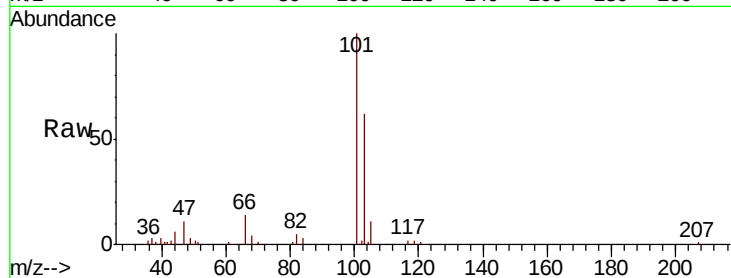


#7

Trichlorofluoromethane
 Concen: 18.641 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

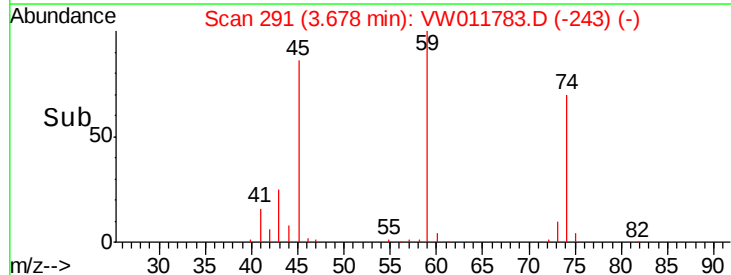
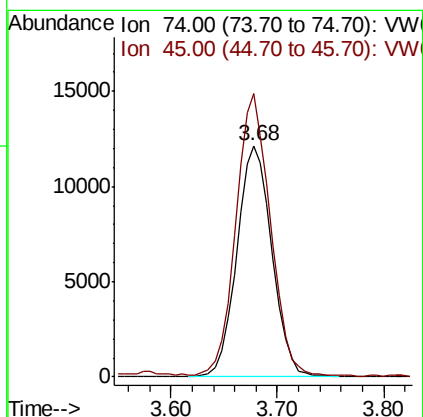
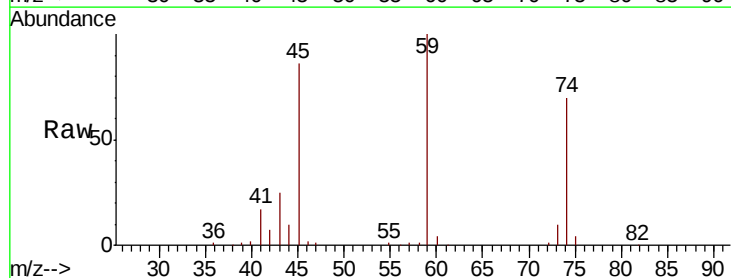
Tgt Ion:101 Resp: 23926
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.4

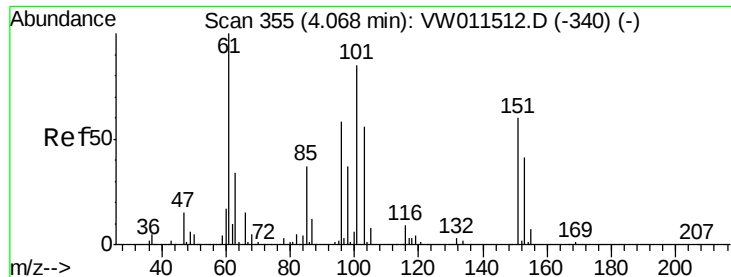


#8

Diethyl Ether
 Concen: 19.252 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 74 Resp: 28017
 Ion Ratio Lower Upper
 74 100
 45 121.9 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.793 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

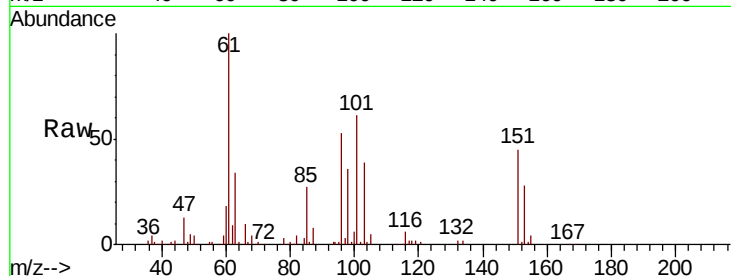
Tgt Ion:101 Resp: 45758

Ion Ratio Lower Upper

101 100

85 46.0 36.6 54.8

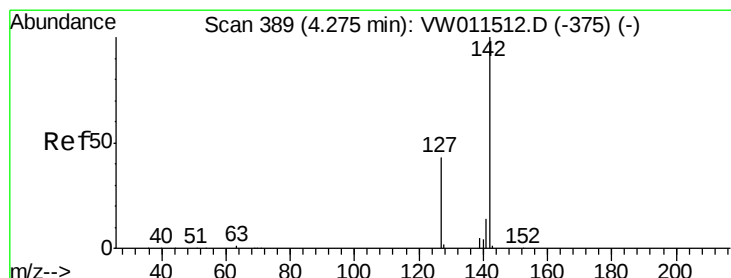
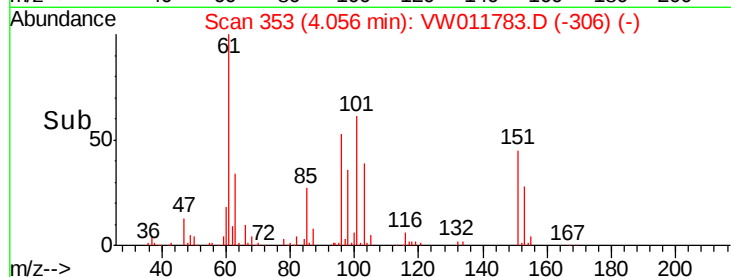
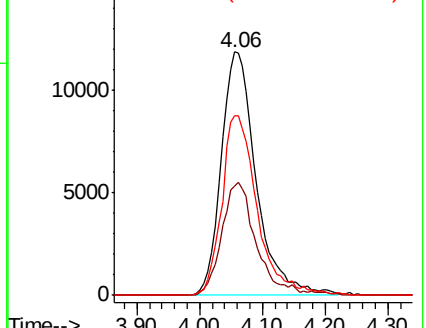
151 74.6 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.616 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

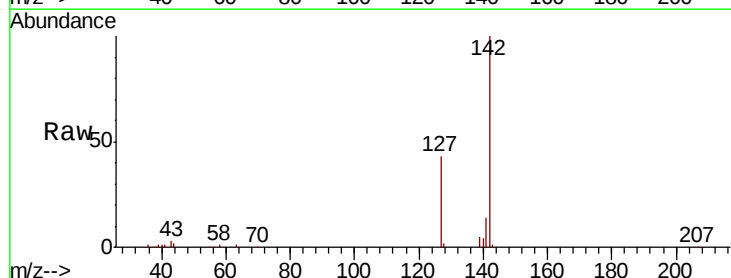
Tgt Ion:142 Resp: 64054

Ion Ratio Lower Upper

142 100

127 43.6 35.0 52.6

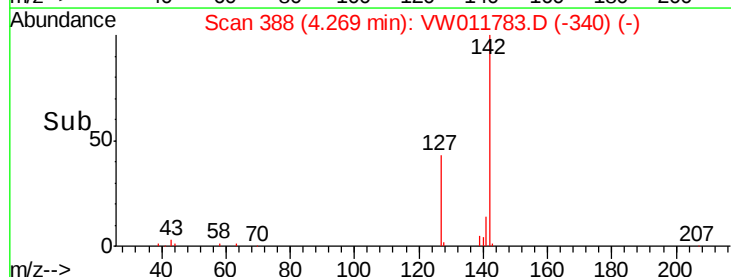
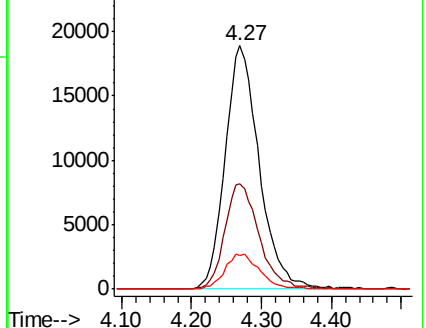
141 14.6 11.9 17.9

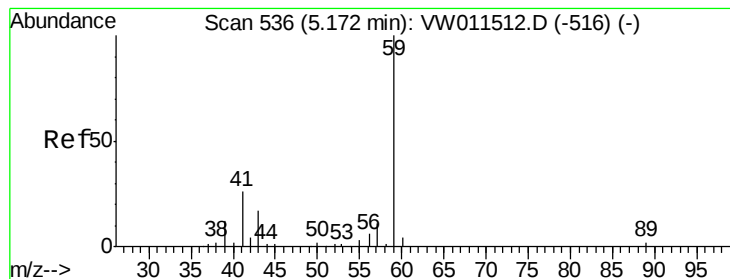


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 69.571 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampled :

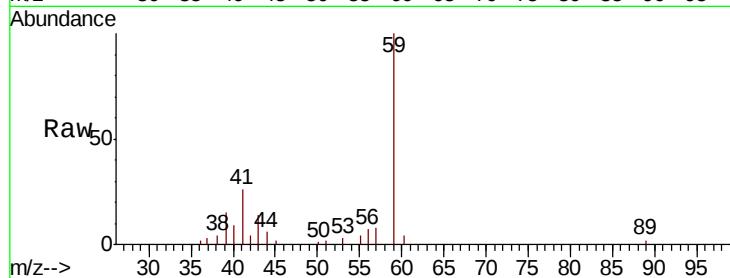
VW0810SBSD01

Tgt Ion: 59 Resp: 17245

Ion Ratio Lower Upper

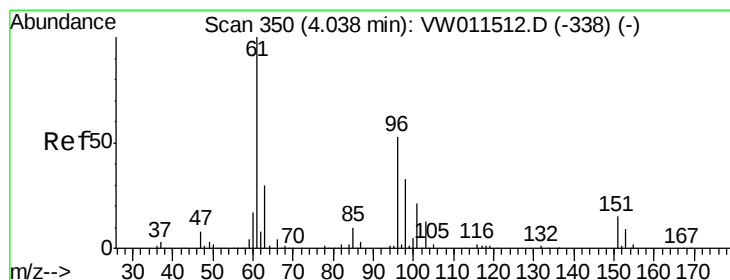
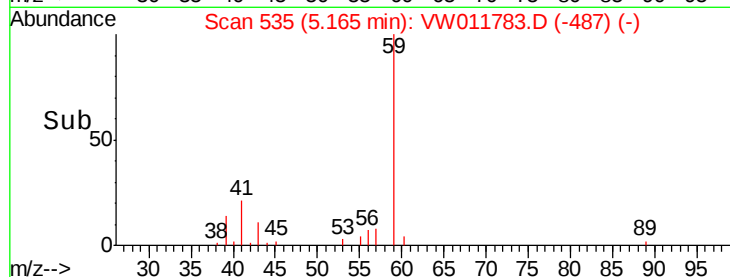
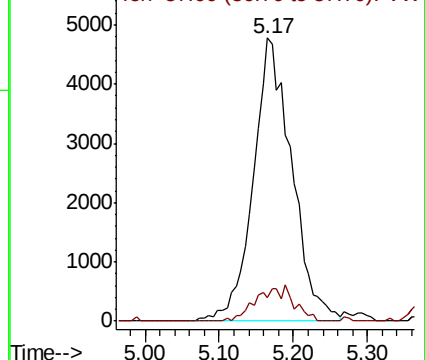
59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 18.342 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

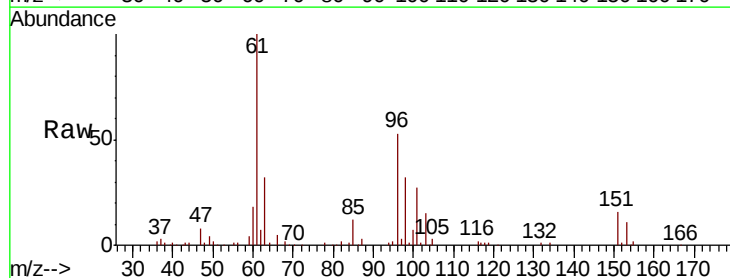
Tgt Ion: 96 Resp: 47153

Ion Ratio Lower Upper

96 100

61 187.0 149.9 224.9

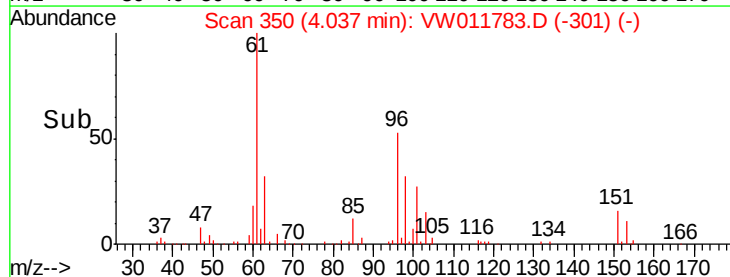
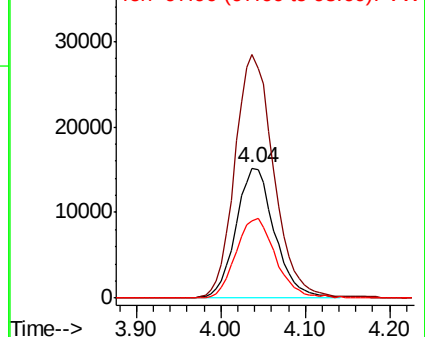
98 59.6 49.1 73.7

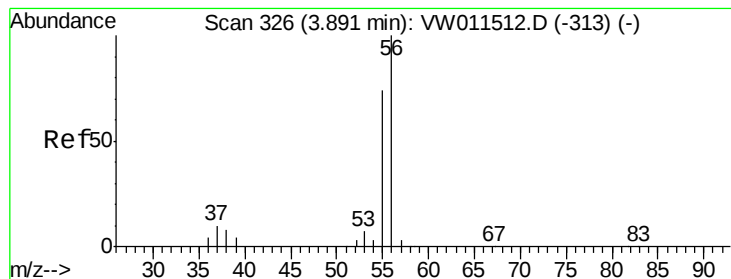


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 76.738 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

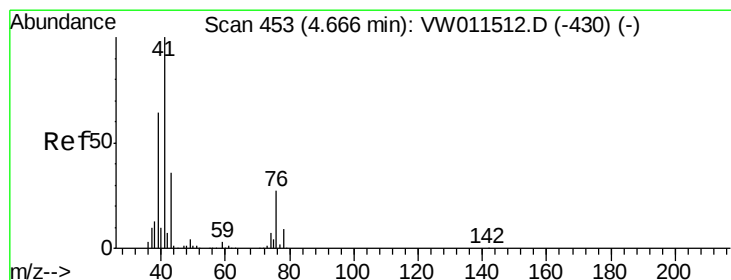
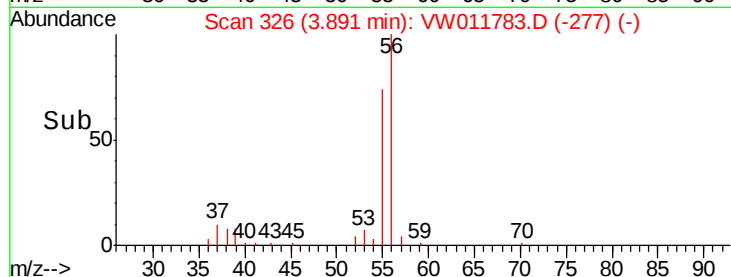
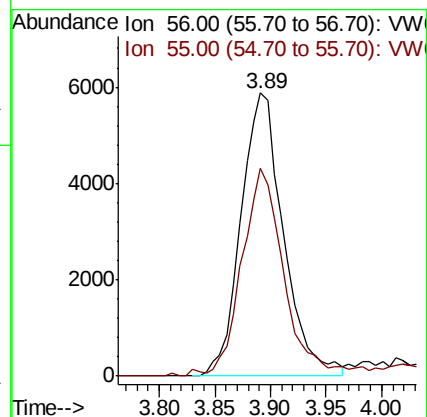
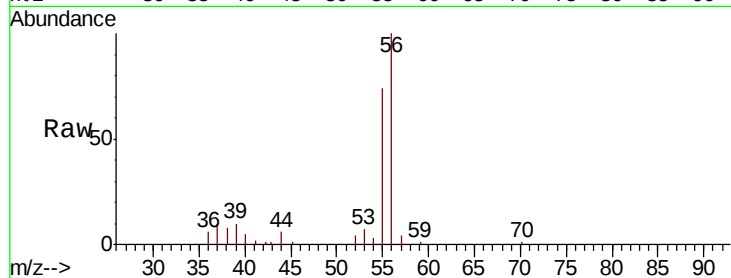
VW0810SBSD01

Tgt Ion: 56 Resp: 15607

Ion Ratio Lower Upper

56 100

55 72.2 56.0 84.0



#14

Allyl chloride

Concen: 18.777 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

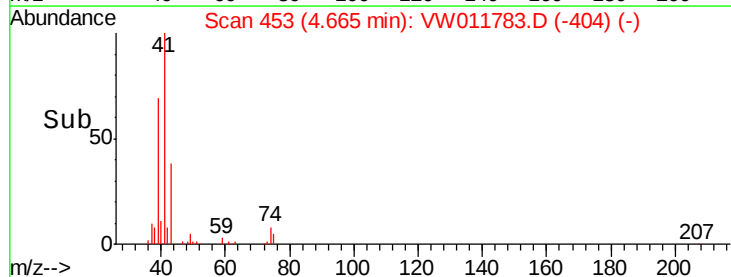
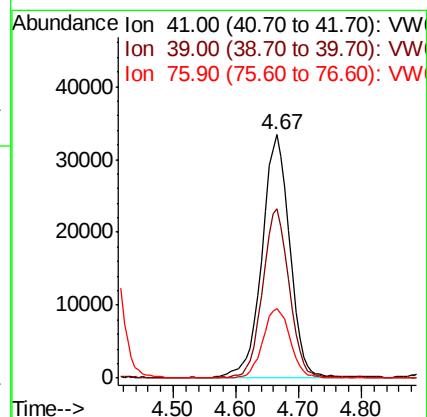
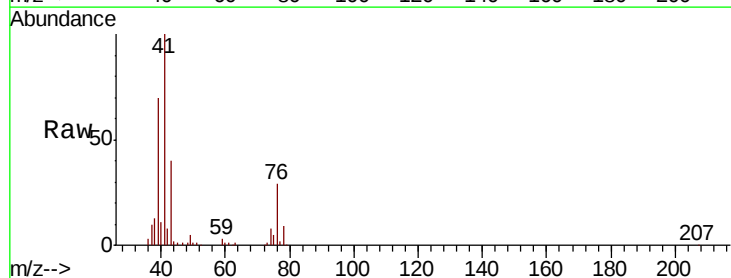
Tgt Ion: 41 Resp: 102671

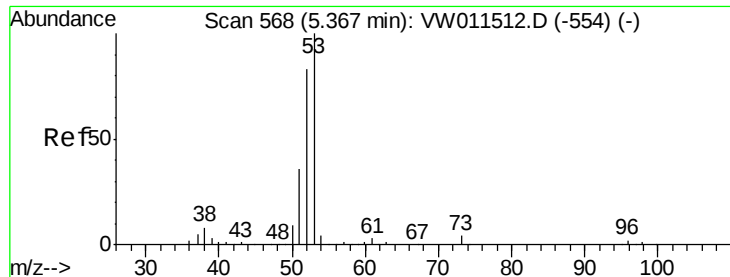
Ion Ratio Lower Upper

41 100

39 65.9 52.6 78.8

76 28.2 22.0 33.0





#15

Acrylonitrile

Concen: 94.849 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

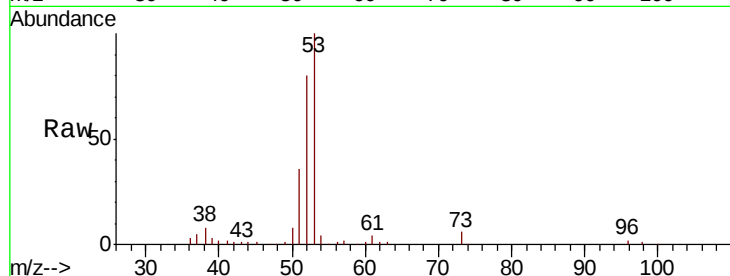
Tgt Ion: 53 Resp: 68904

Ion Ratio Lower Upper

53 100

52 83.9 67.2 100.8

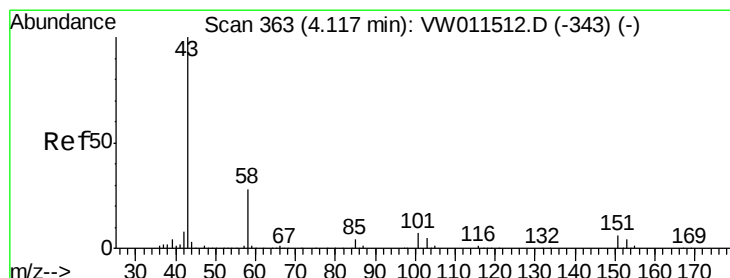
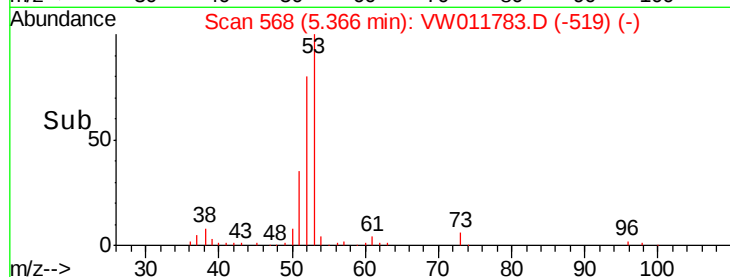
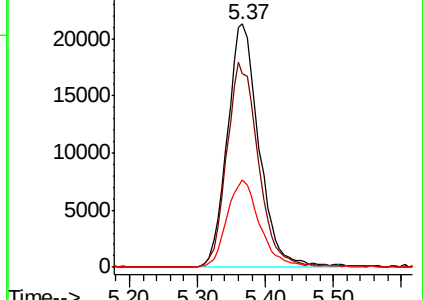
51 37.3 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 66.257 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011783.D

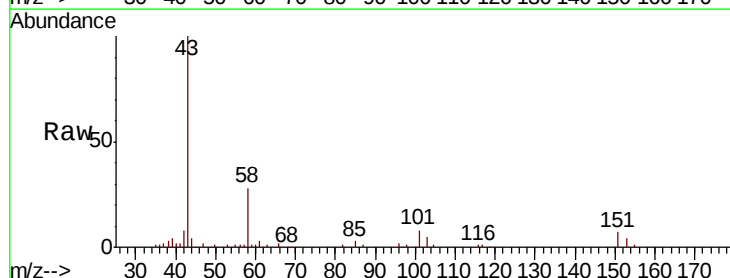
Acq: 08 Aug 2019 22:03

Tgt Ion: 43 Resp: 59740

Ion Ratio Lower Upper

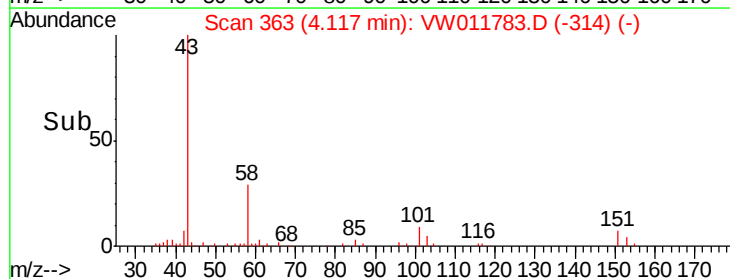
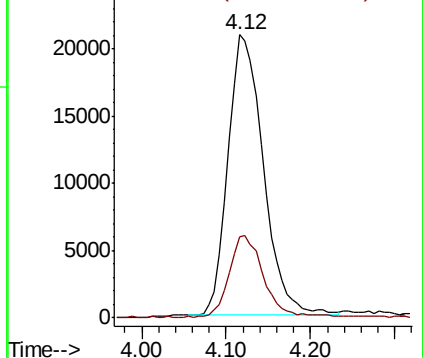
43 100

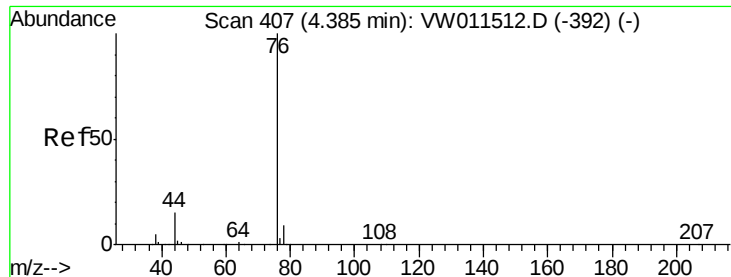
58 28.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 17.957 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

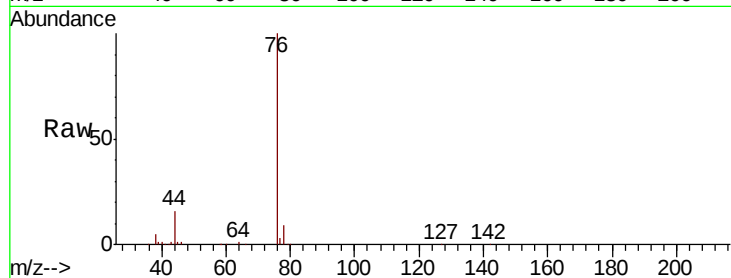
VW0810SBSD01

Tgt Ion: 76 Resp: 144483

Ion Ratio Lower Upper

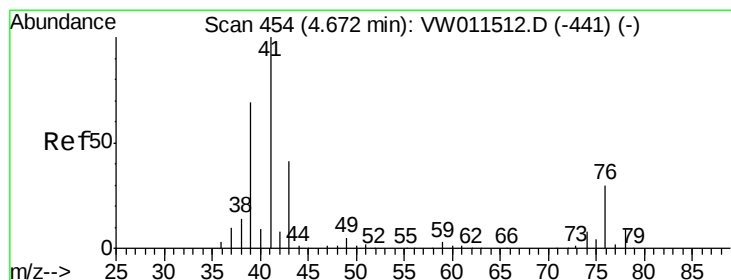
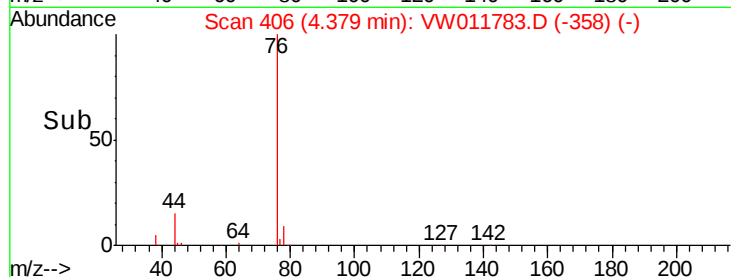
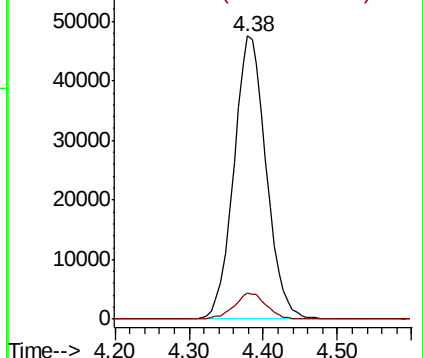
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.172 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW011783.D

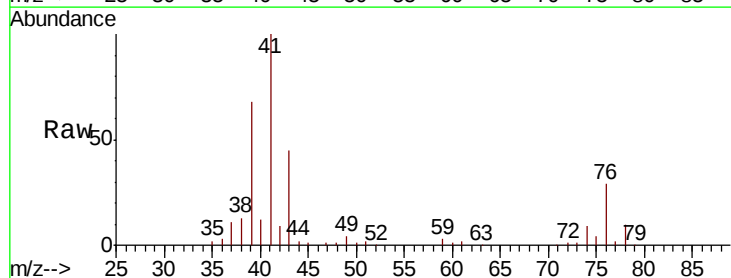
Acq: 08 Aug 2019 22:03

Tgt Ion: 43 Resp: 40858

Ion Ratio Lower Upper

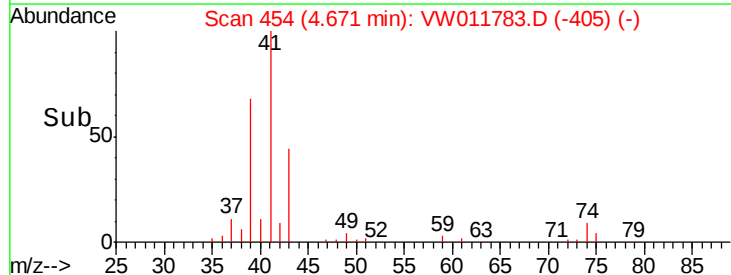
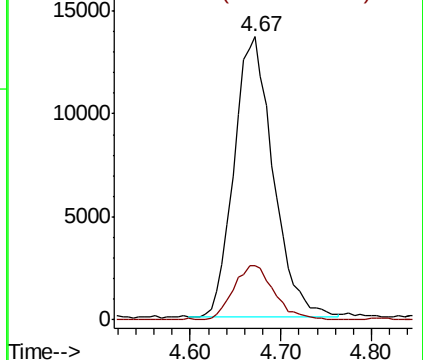
43 100

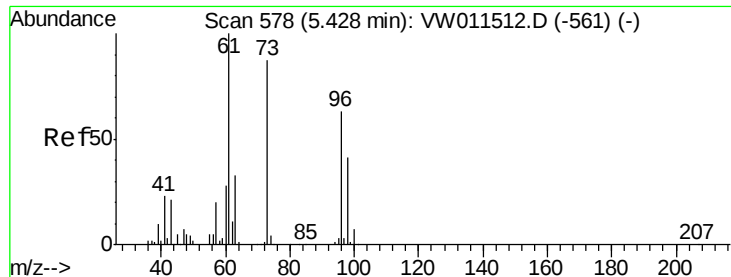
74 20.2 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

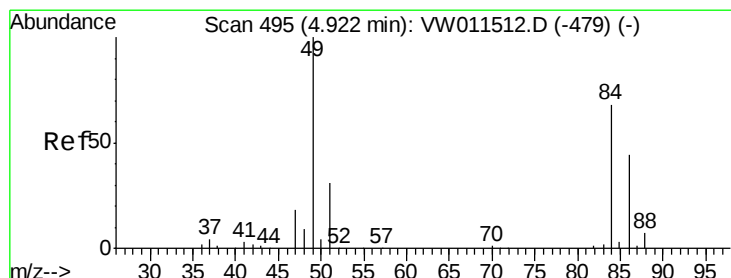
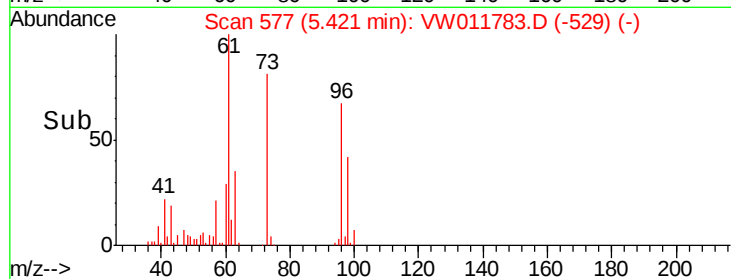
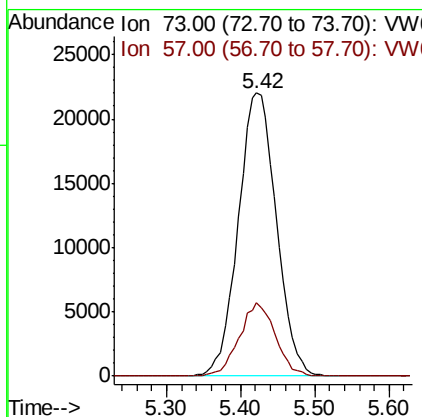
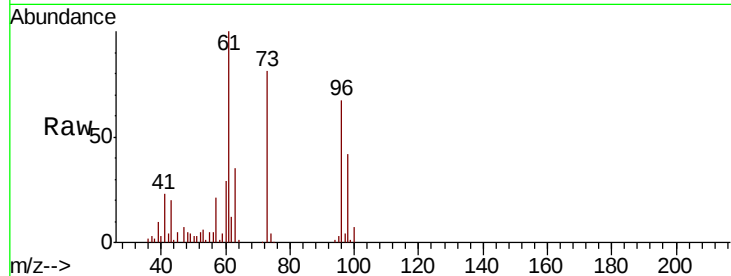




#19
Methyl tert-butyl Ether
Concen: 19.362 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

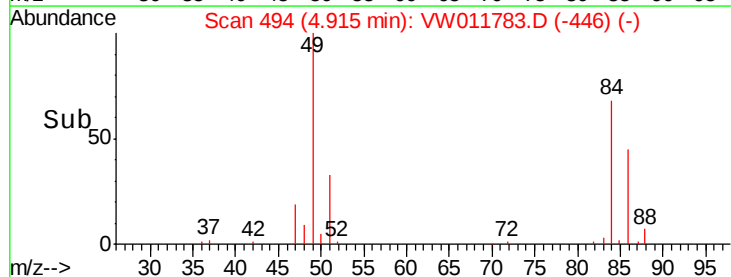
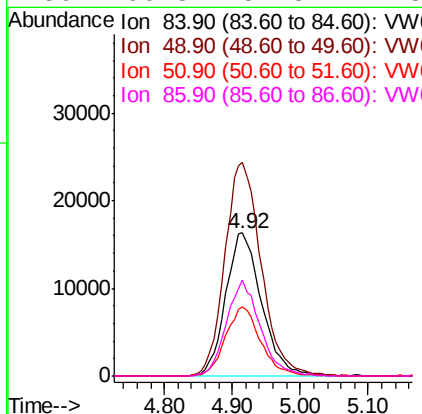
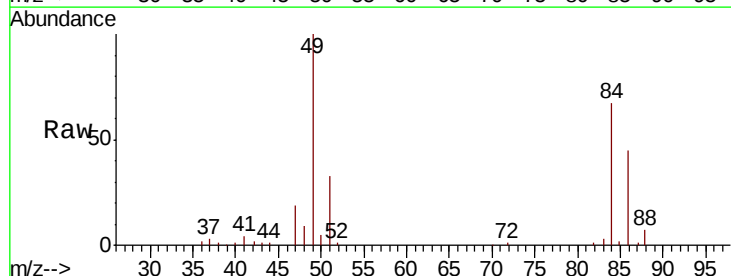
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

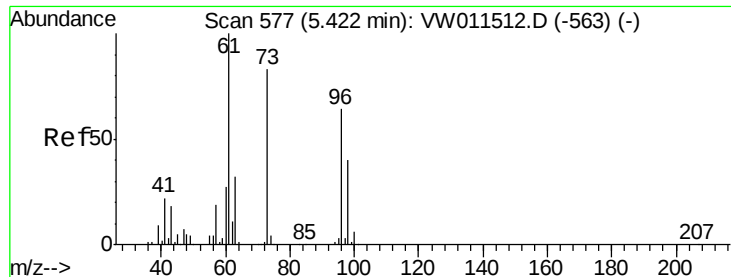
Tgt Ion: 73 Resp: 78989
Ion Ratio Lower Upper
73 100
57 26.1 18.4 27.6



#20
Methylene Chloride
Concen: 19.194 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion: 84 Resp: 59686
Ion Ratio Lower Upper
84 100
49 149.0 117.8 176.6
51 48.6 37.0 55.4
86 66.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 18.780 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

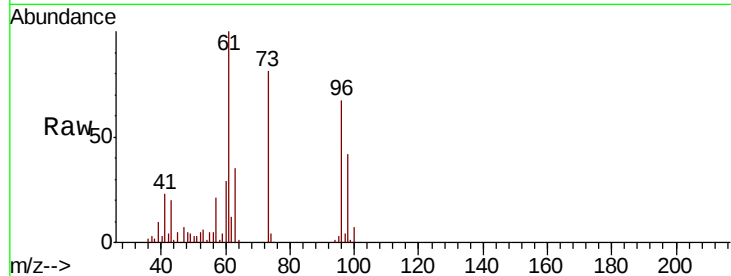
Tgt Ion: 96 Resp: 52050

Ion Ratio Lower Upper

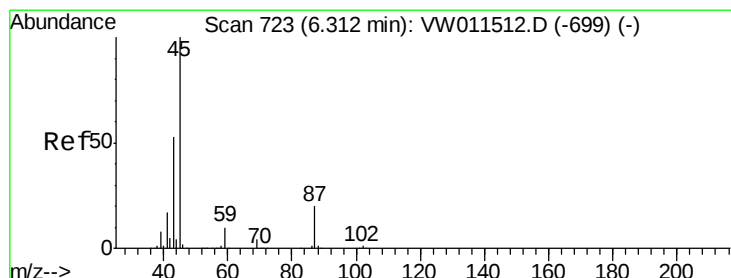
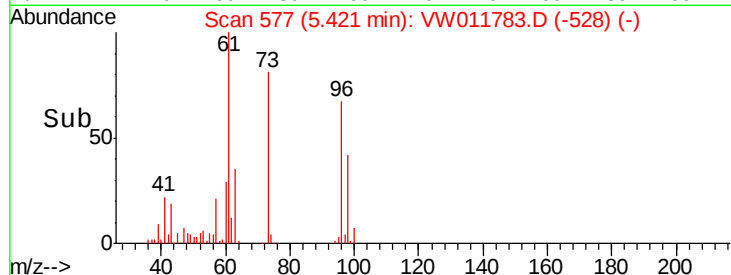
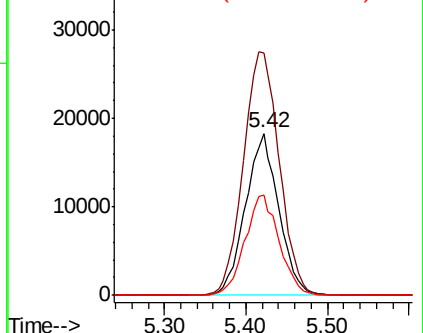
96 100

61 149.4 125.7 188.5

98 62.1 50.3 75.5



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



#22

Diisopropyl ether

Concen: 19.396 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Tgt Ion: 45 Resp: 199949

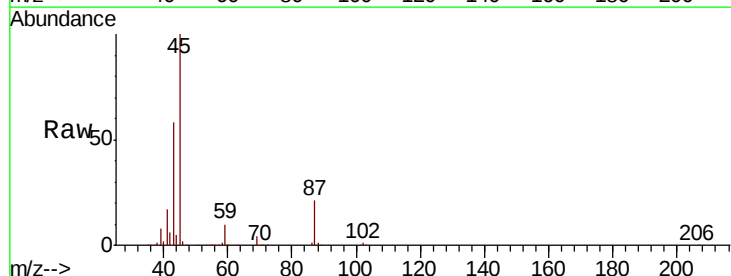
Ion Ratio Lower Upper

45 100

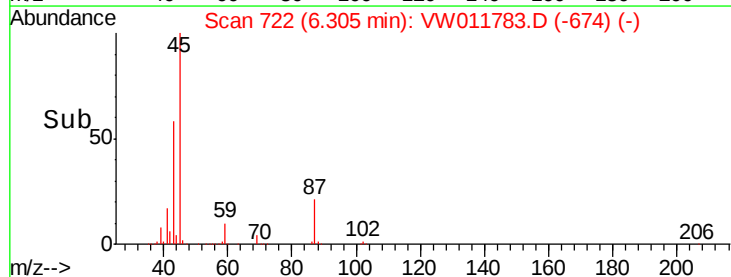
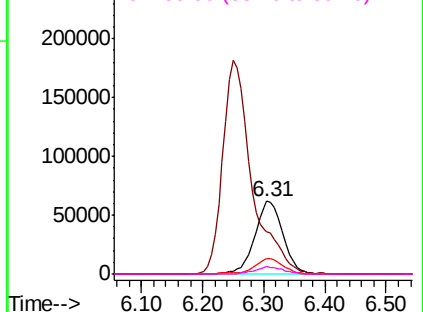
43 57.4 42.6 63.8

87 20.6 16.4 24.6

59 9.8 8.2 12.2



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





#23

Vinyl Acetate

Concen: 92.603 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

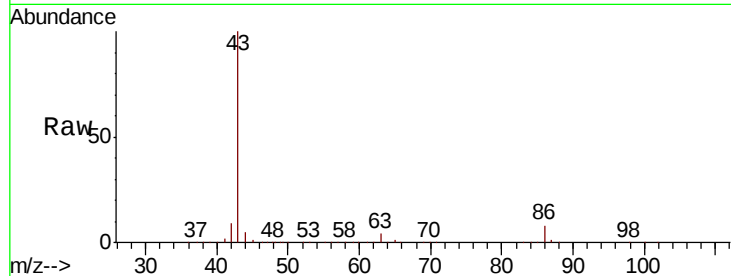
VW0810SBSD01

Tgt Ion: 43 Resp: 599846

Ion Ratio Lower Upper

43 100

86 8.3 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

200000

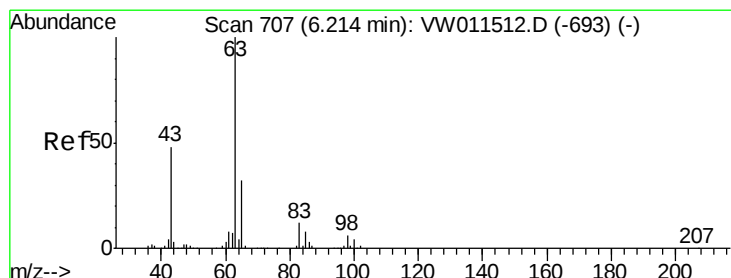
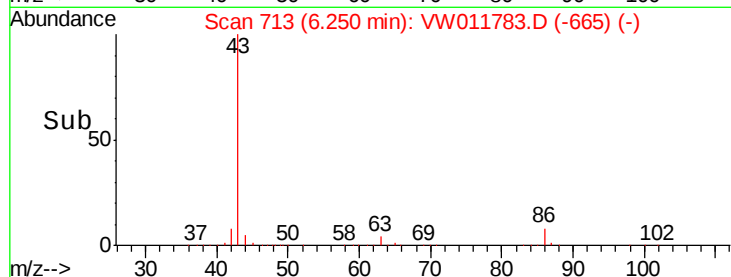
150000

100000

50000

0

Time--> 6.00 6.20 6.40



#24

1,1-Dichloroethane

Concen: 19.047 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

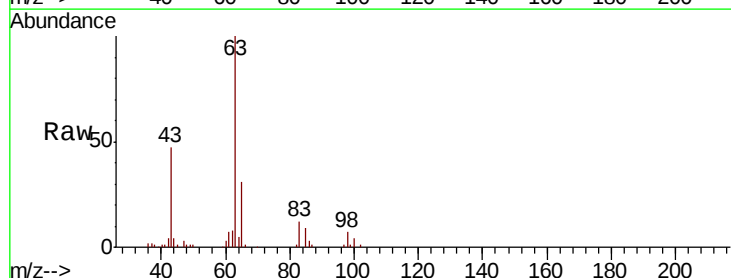
Tgt Ion: 63 Resp: 105159

Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

100 4.0 2.1 6.3



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

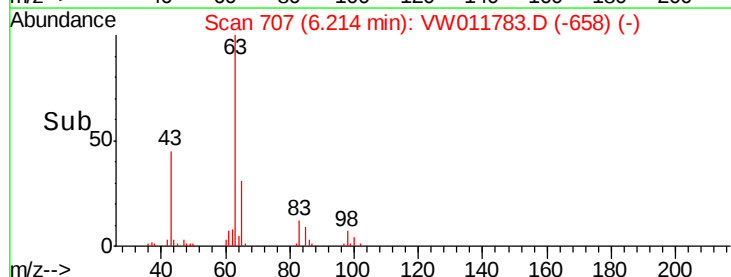
30000

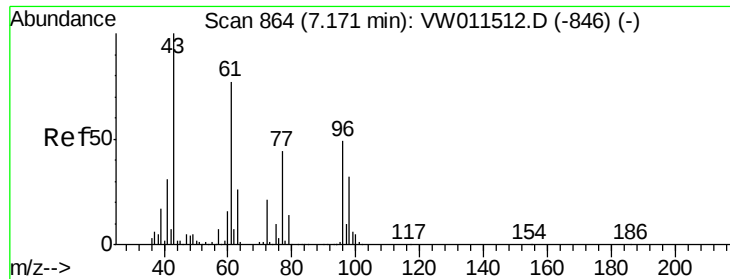
20000

10000

0

Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 79.850 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

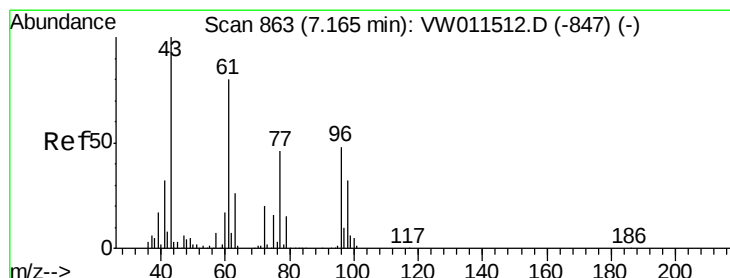
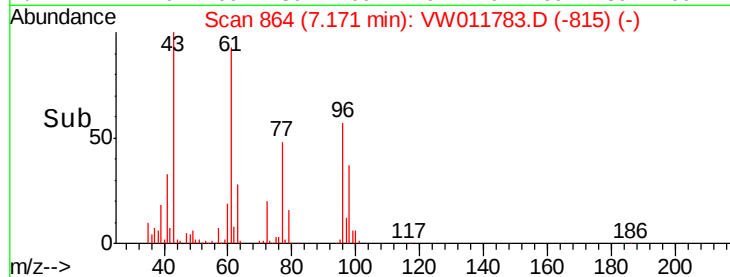
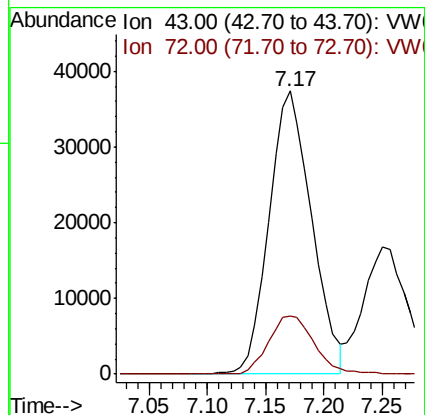
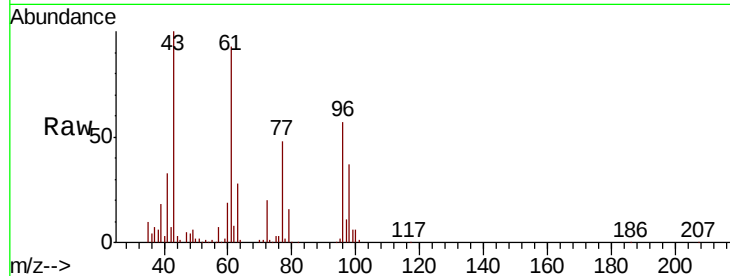
VW0810SBSD01

Tgt Ion: 43 Resp: 94208

Ion Ratio Lower Upper

43 100

72 20.5 16.6 24.8



#26

2,2-Dichloropropane

Concen: 16.421 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011783.D

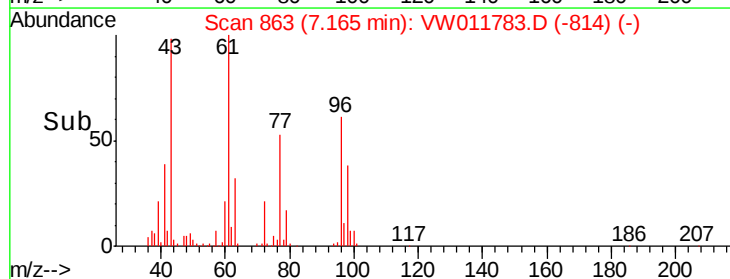
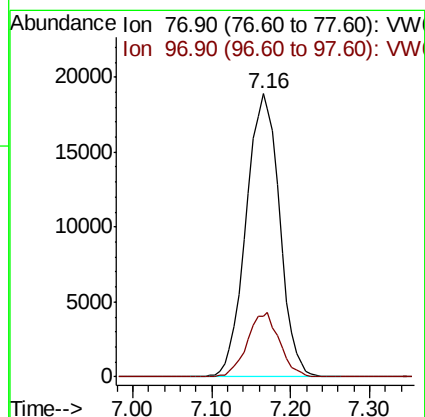
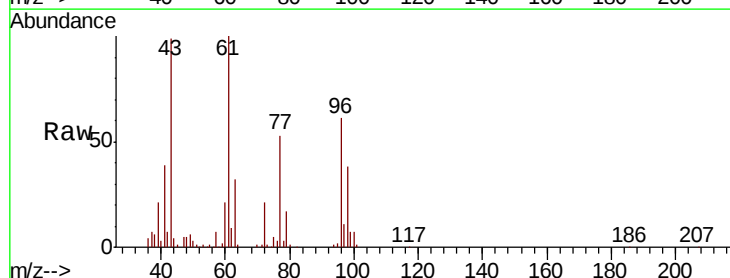
Acq: 08 Aug 2019 22:03

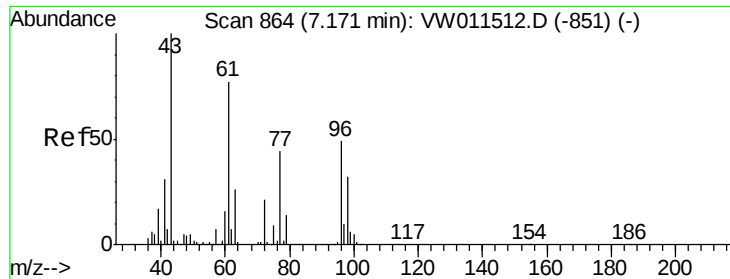
Tgt Ion: 77 Resp: 55756

Ion Ratio Lower Upper

77 100

97 21.7 10.8 32.4

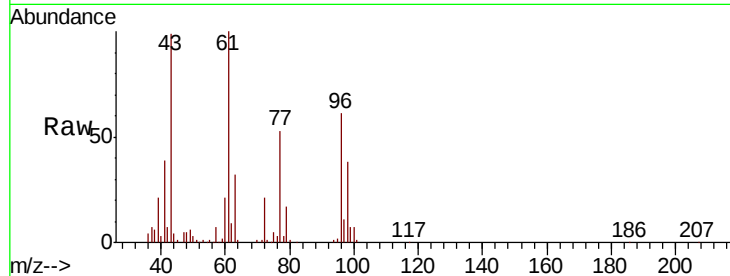




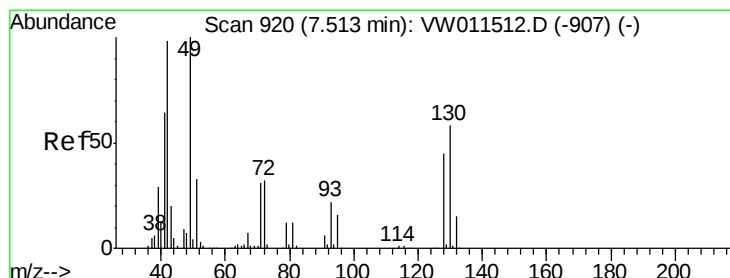
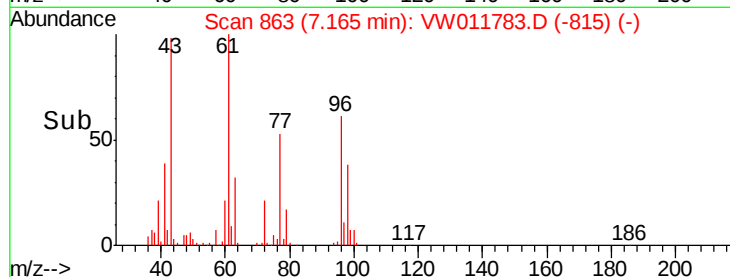
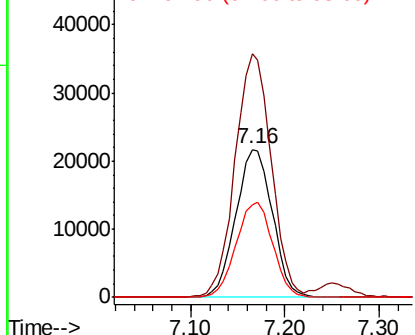
#27
 cis-1,2-Dichloroethene
 Concen: 19.188 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Tgt Ion: 96 Resp: 58532
 Ion Ratio Lower Upper
 96 100
 61 162.9 0.0 328.4
 98 64.2 0.0 128.8

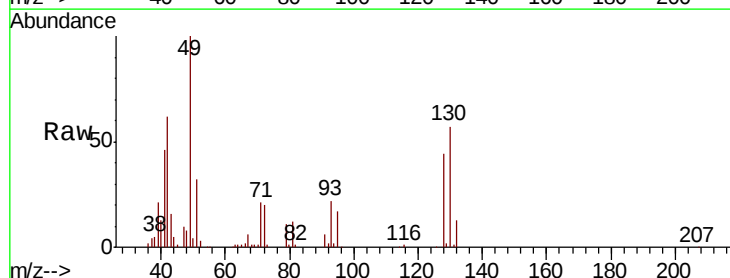


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

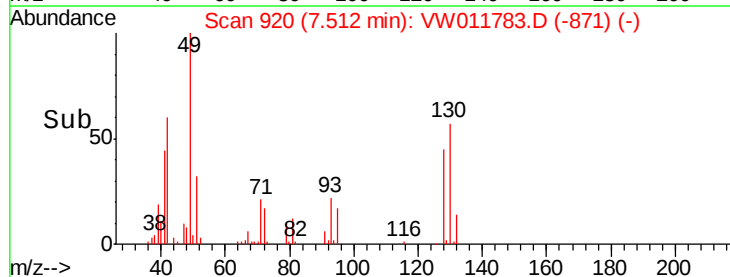
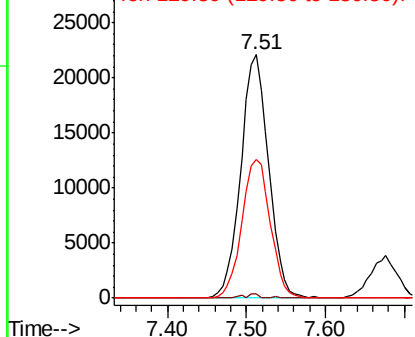


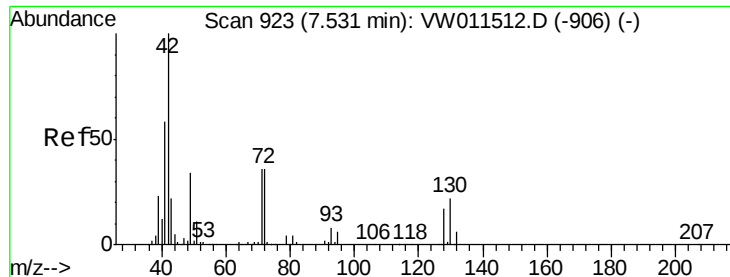
#28
 Bromochloromethane
 Concen: 22.166 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 49 Resp: 54320
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 1.0
 130 58.2 46.3 69.5



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

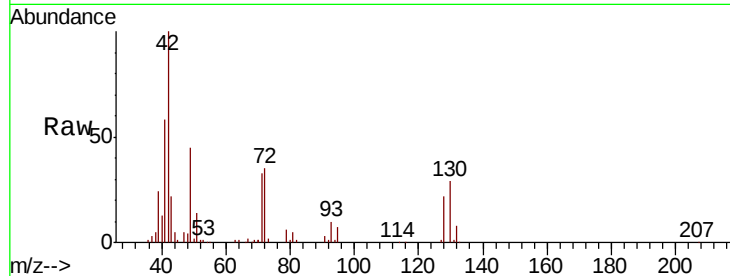




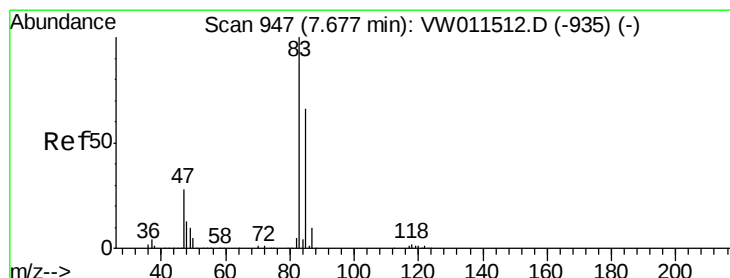
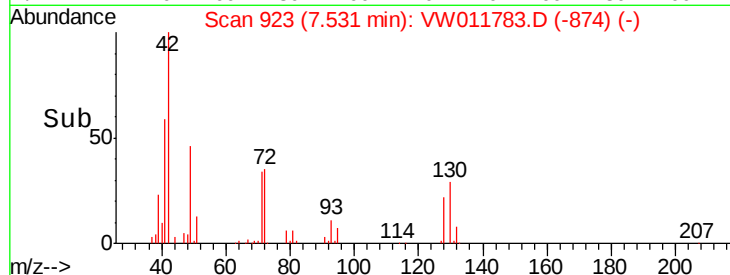
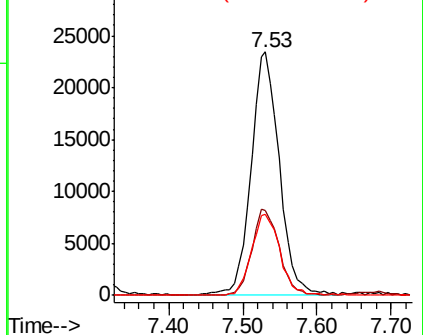
#29
Tetrahydrofuran
Concen: 92.889 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tgt Ion: 42 Resp: 62644
Ion Ratio Lower Upper
42 100
72 34.1 27.1 40.7
71 33.3 26.2 39.4

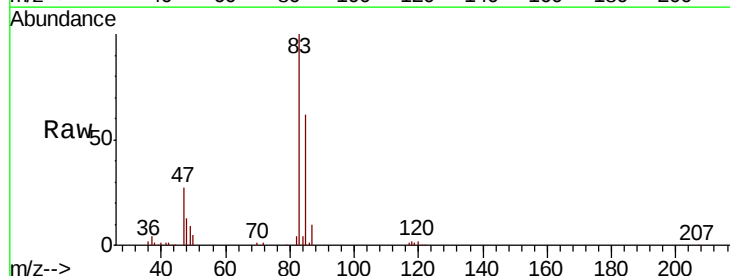


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

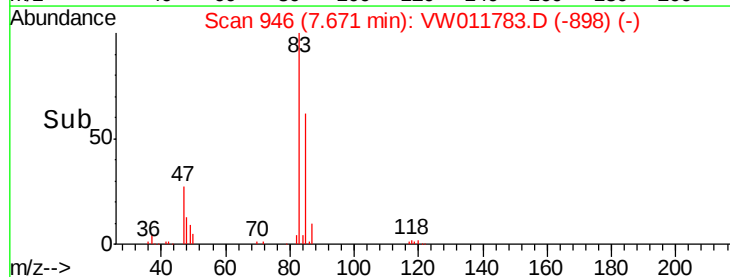
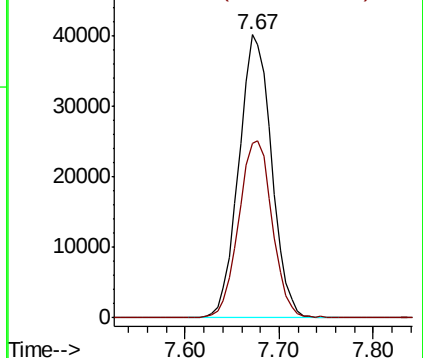


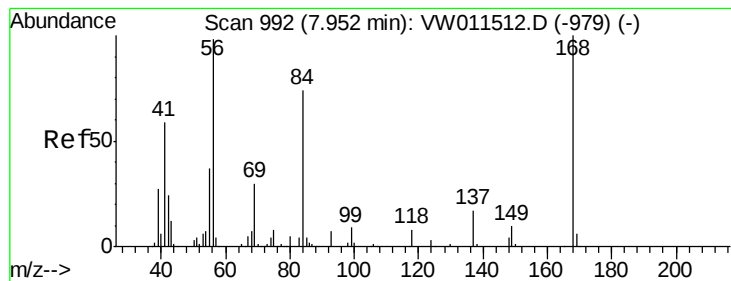
#30
Chloroform
Concen: 19.168 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion: 83 Resp: 97635
Ion Ratio Lower Upper
83 100
85 61.8 52.5 78.7



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





#31

Cyclohexane

Concen: 18.816 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

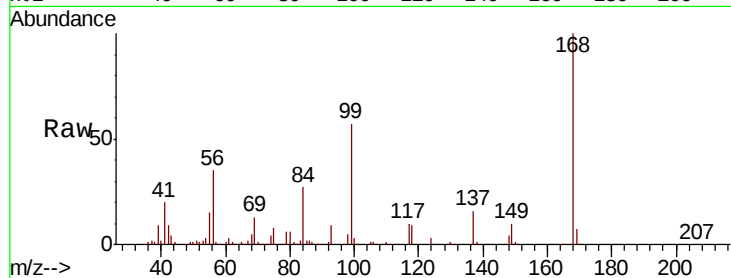
Tgt Ion: 56 Resp: 99722

Ion Ratio Lower Upper

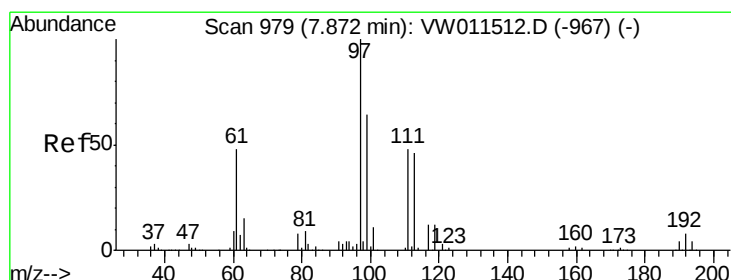
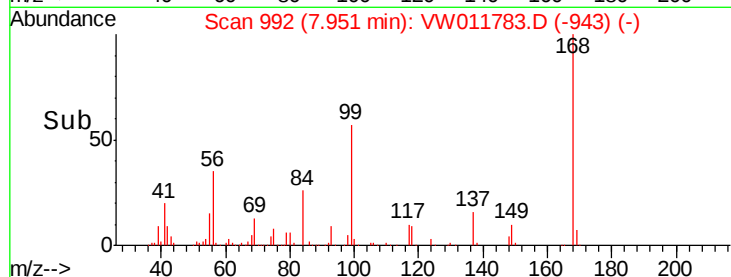
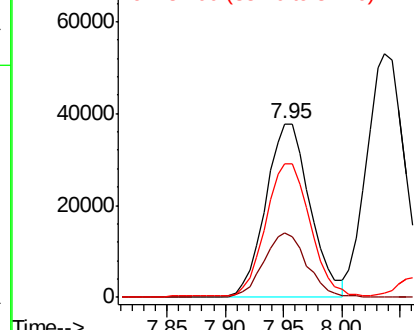
56 100

69 37.1 24.3 36.5#

84 75.0 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: 19.406 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

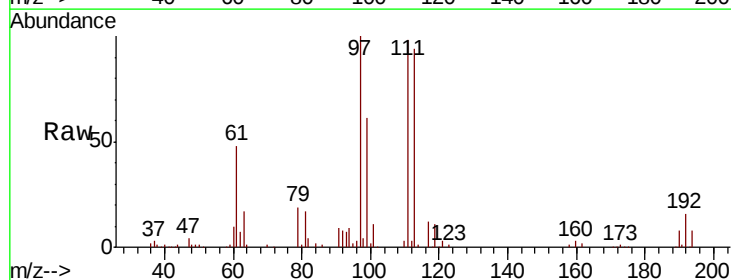
Tgt Ion: 97 Resp: 75279

Ion Ratio Lower Upper

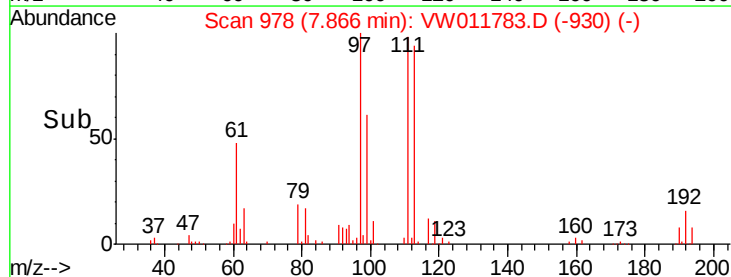
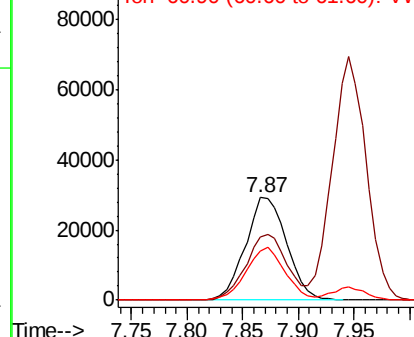
97 100

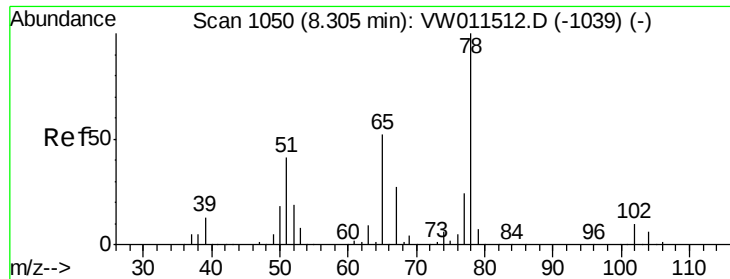
99 62.4 51.0 76.6

61 48.9 39.8 59.6



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

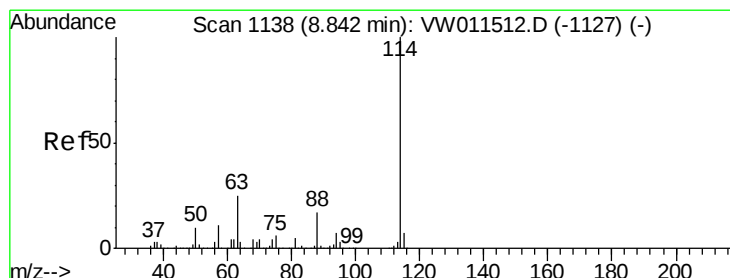
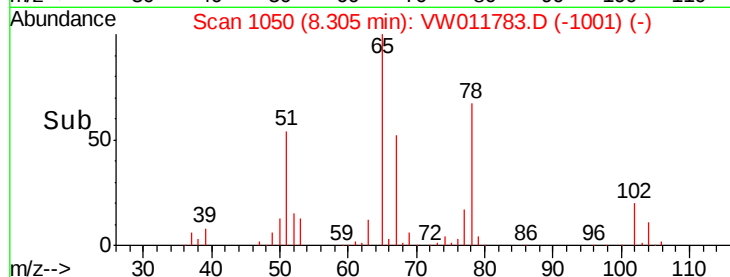
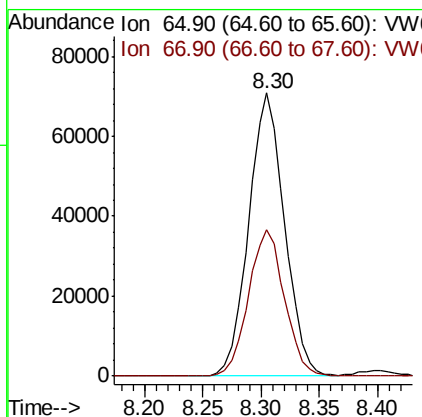
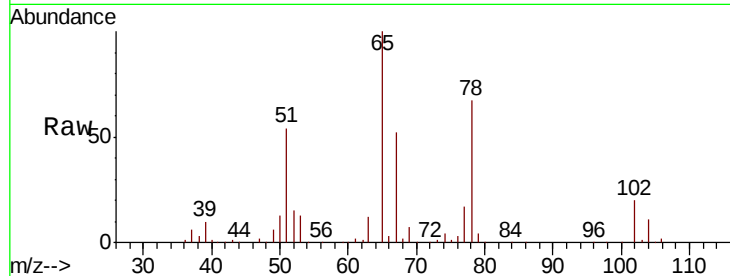




#33
 1,2-Dichloroethane-d4
 Concen: 53.222 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

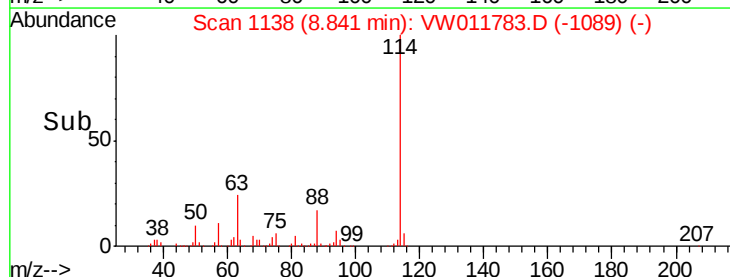
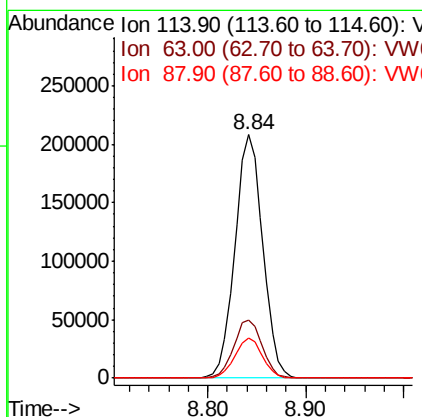
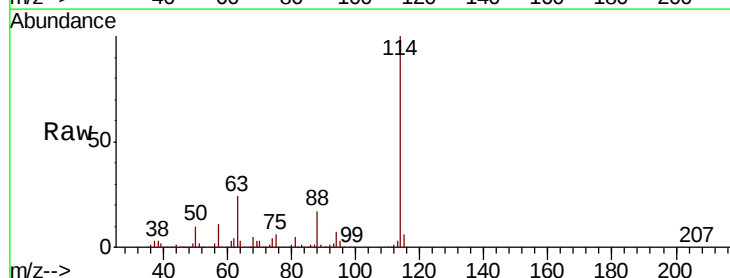
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

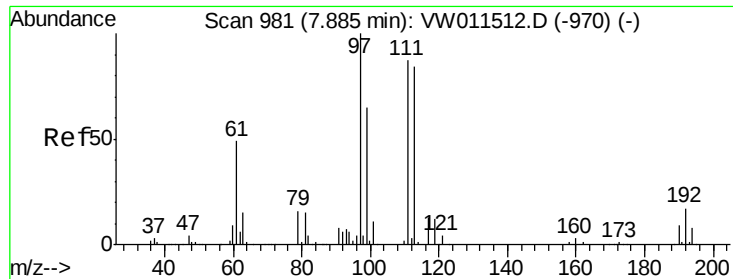
Tgt Ion: 65 Resp: 150857
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 114 Resp: 409019
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 16.7 0.0 33.8

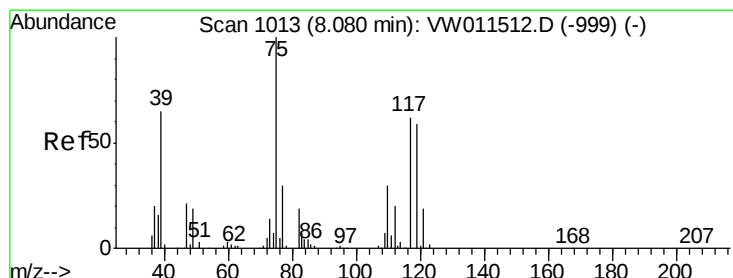
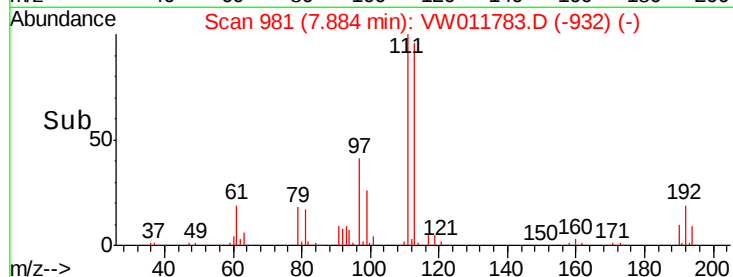
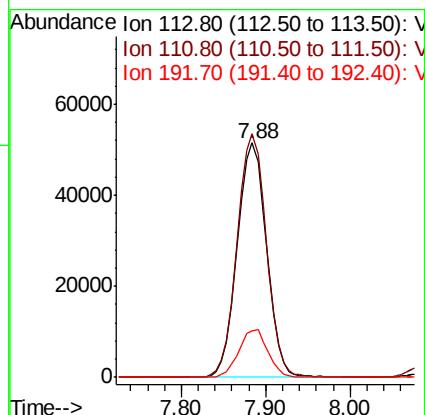
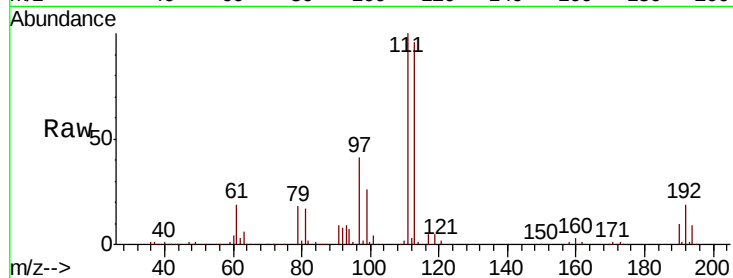




#35
 Dibromofluoromethane
 Concen: 52.631 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

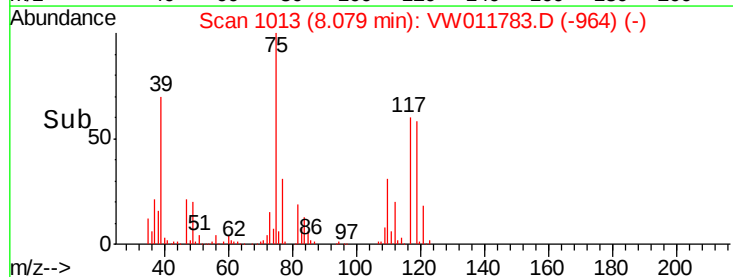
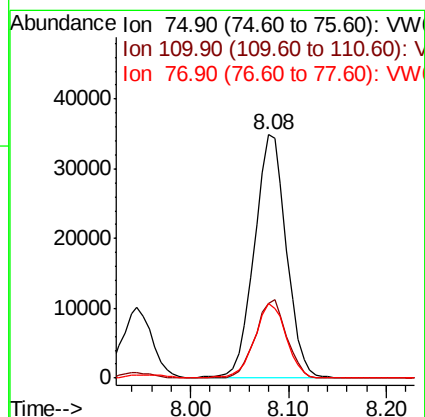
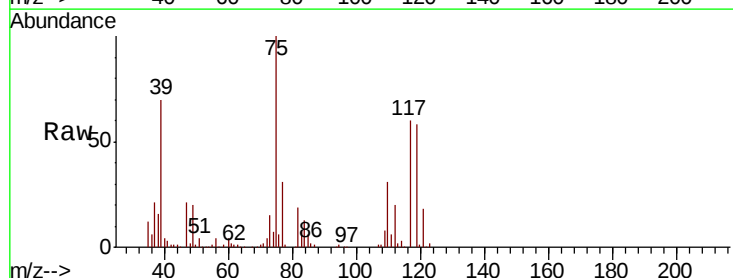
Instrument :
 MSVOA_W
 ClientSampled :
 VW0810SBSD01

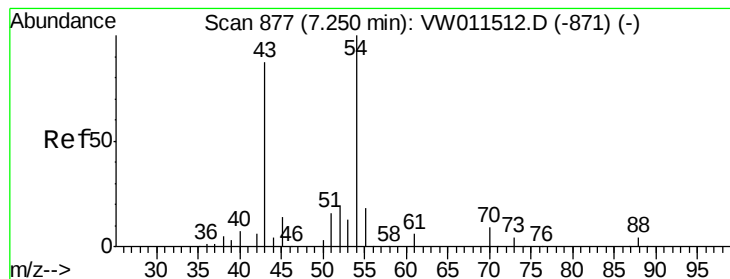
Tgt Ion:113 Resp: 120770
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 20.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 18.676 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 75 Resp: 79431
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.6 46.8
 77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 18.585 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

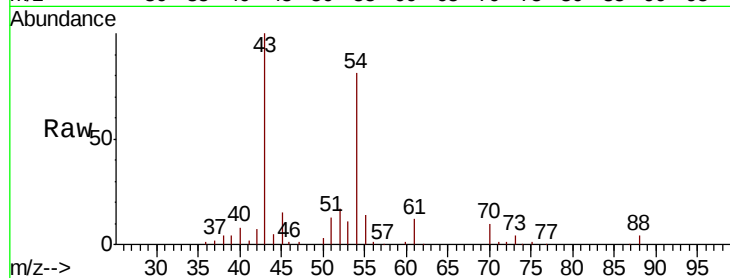
Tgt Ion: 43 Resp: 45476

Ion Ratio Lower Upper

43 100

61 12.3 8.8 13.2

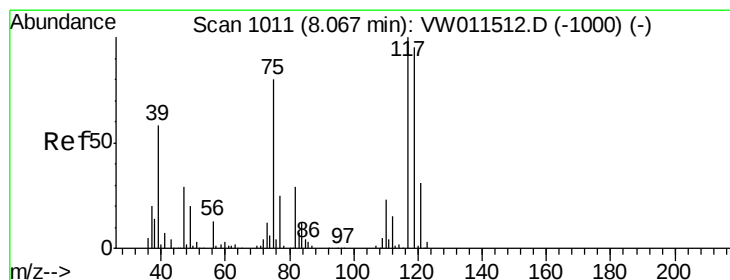
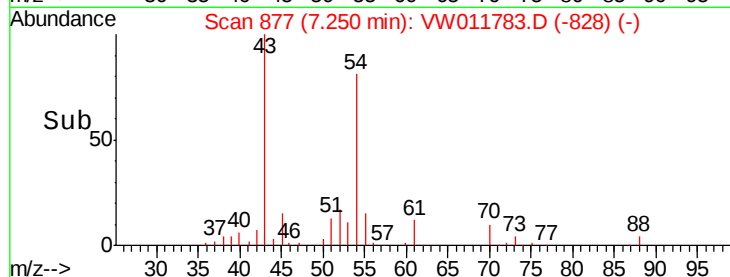
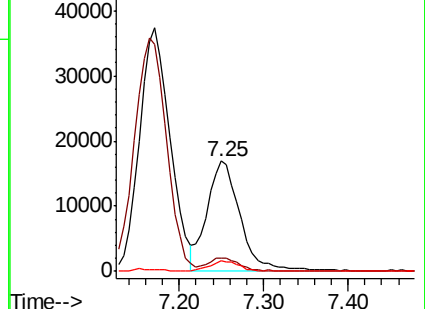
70 8.5 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 18.482 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

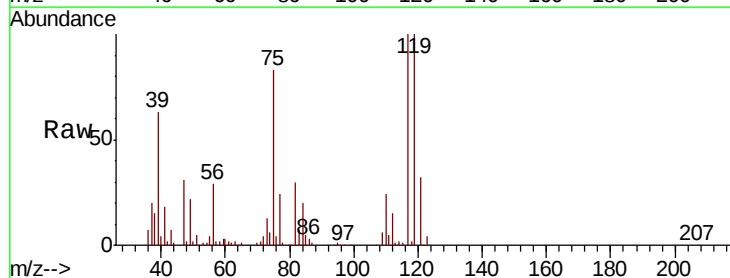
Tgt Ion: 117 Resp: 67290

Ion Ratio Lower Upper

117 100

119 99.5 75.8 113.6

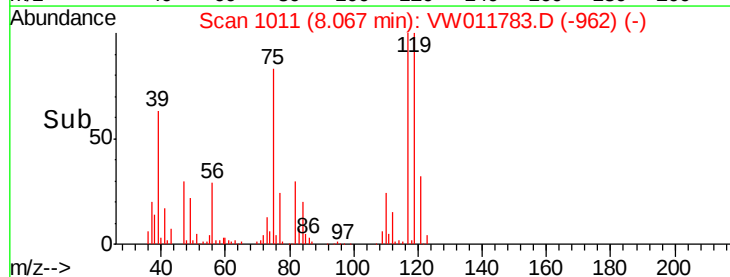
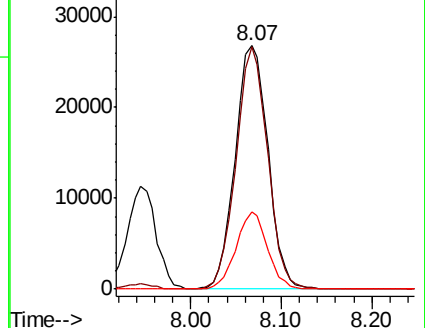
121 31.9 24.7 37.1

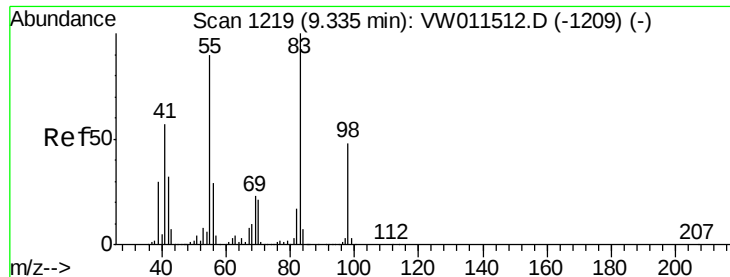


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

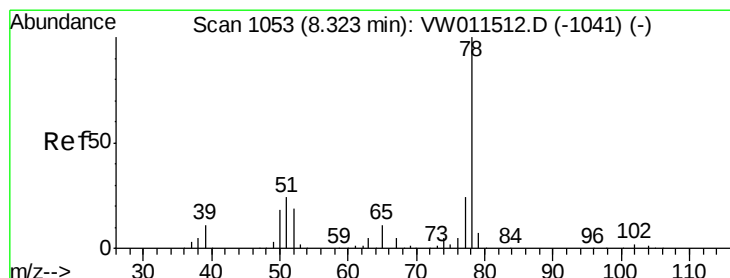
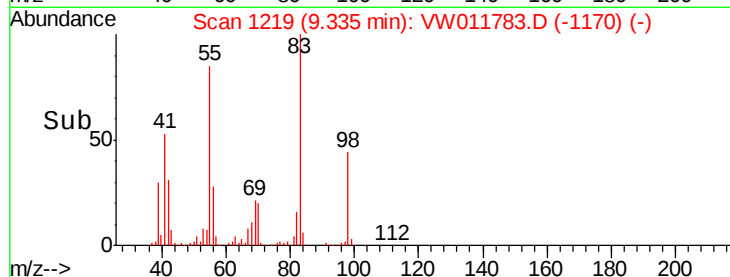
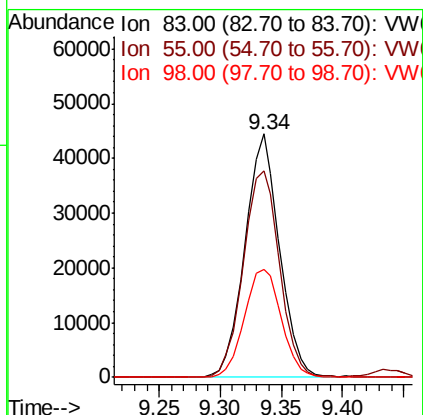
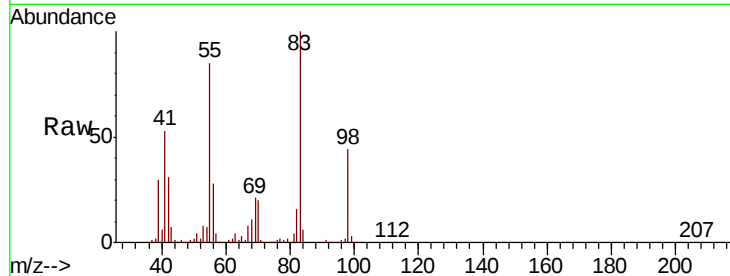




#39
Methylcyclohexane
Concen: 18.681 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

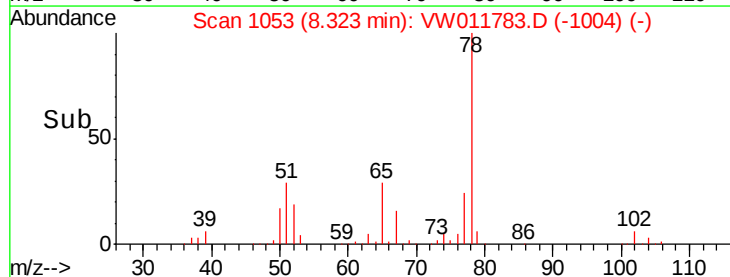
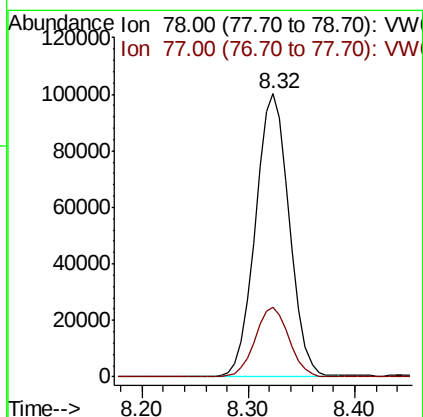
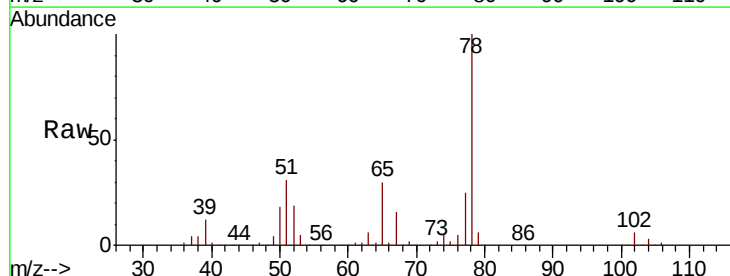
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

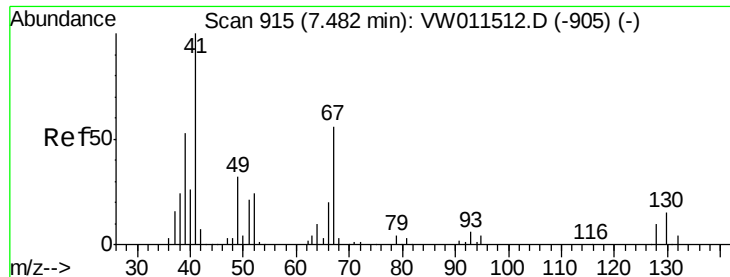
Tgt Ion: 83 Resp: 87485
Ion Ratio Lower Upper
83 100
55 84.6 72.1 108.1
98 44.2 38.6 57.8



#40
Benzene
Concen: 18.707 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion: 78 Resp: 222852
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0

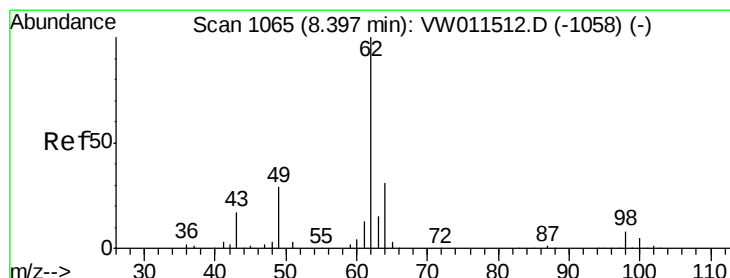
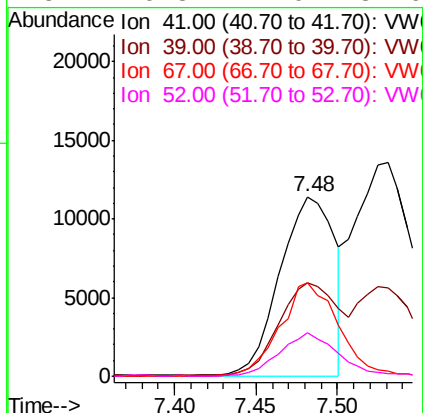
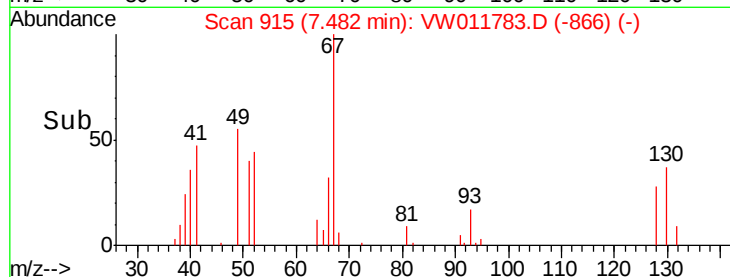
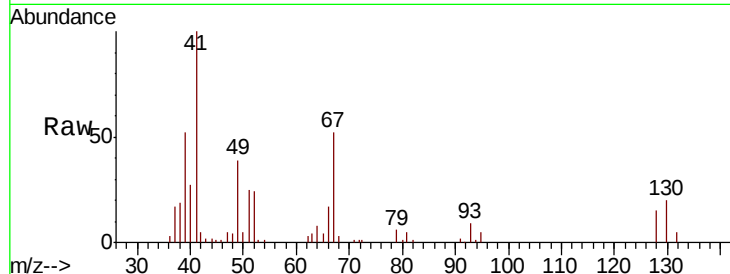




#41
Methacrylonitrile
Concen: 18.180 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

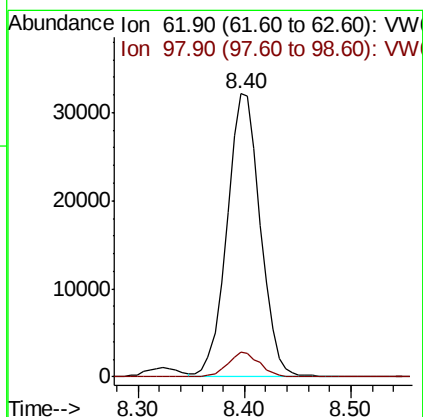
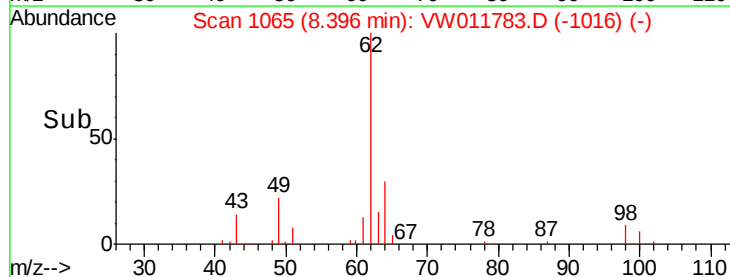
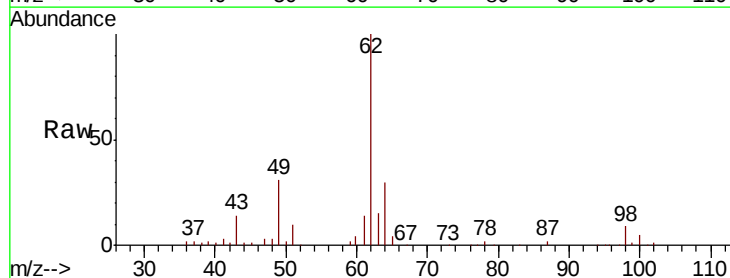
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

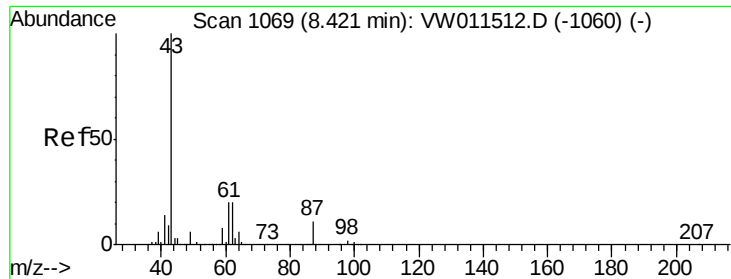
Tgt Ion:	41	Resp:	26592
Ion	Ratio	Lower	Upper
41	100		
39	56.8	43.0	64.4
67	56.3	47.5	71.3
52	26.3	21.0	31.6



#42
1,2-Dichloroethane
Concen: 18.884 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion:	62	Resp:	70435
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 18.786 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

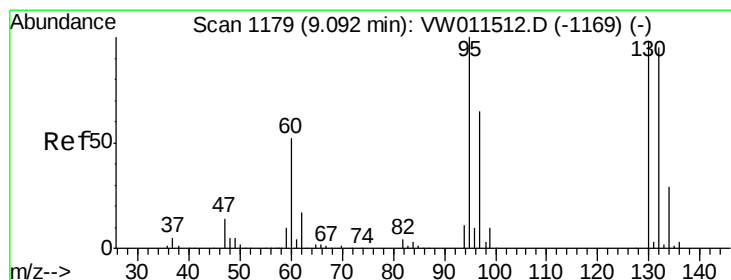
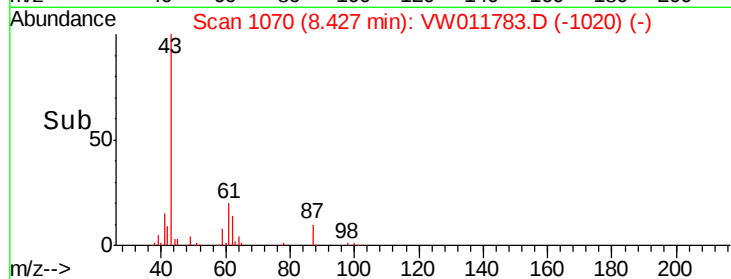
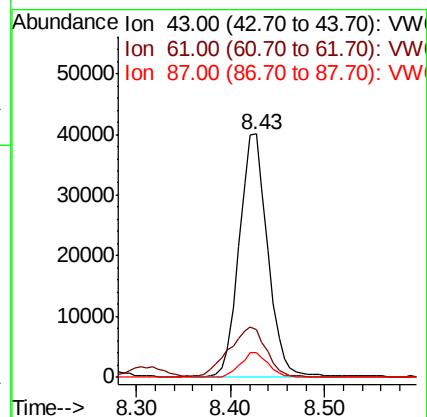
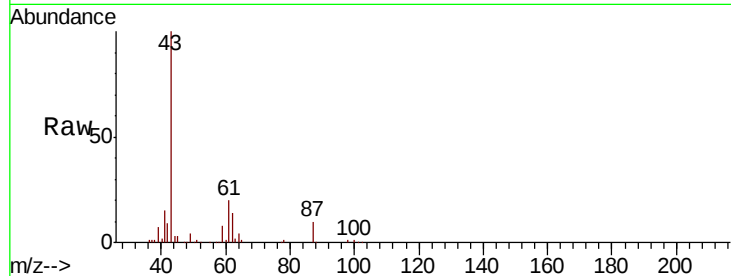
Tgt Ion: 43 Resp: 84537

Ion Ratio Lower Upper

43 100

61 27.0 21.5 32.3

87 10.2 8.4 12.6



#44

Trichloroethene

Concen: 18.250 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011783.D

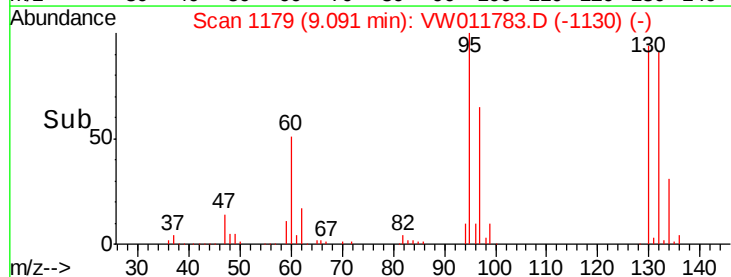
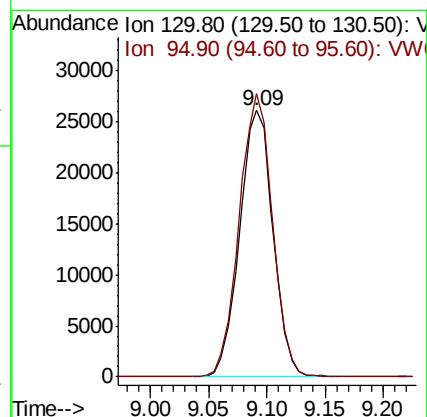
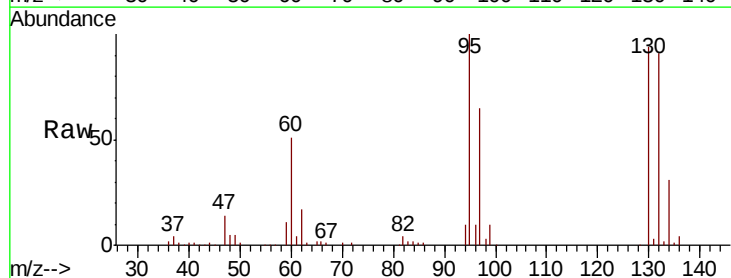
Acq: 08 Aug 2019 22:03

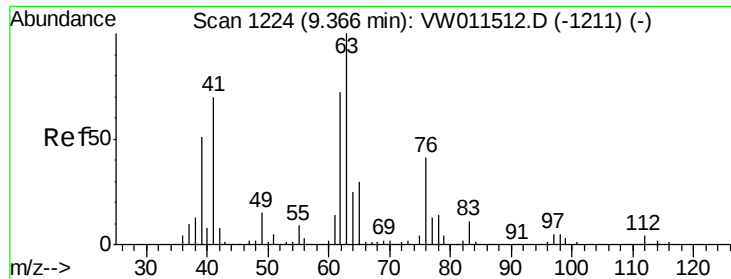
Tgt Ion: 130 Resp: 52255

Ion Ratio Lower Upper

130 100

95 106.3 0.0 204.8

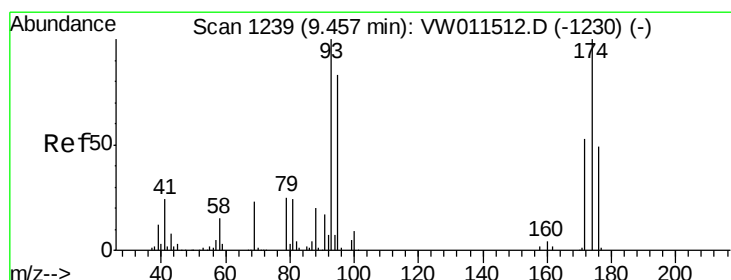
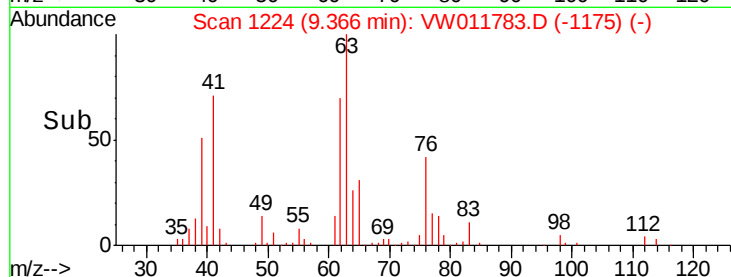
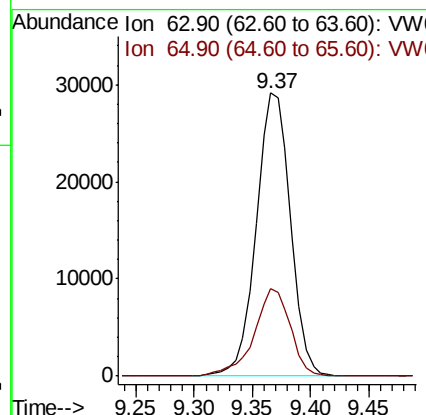
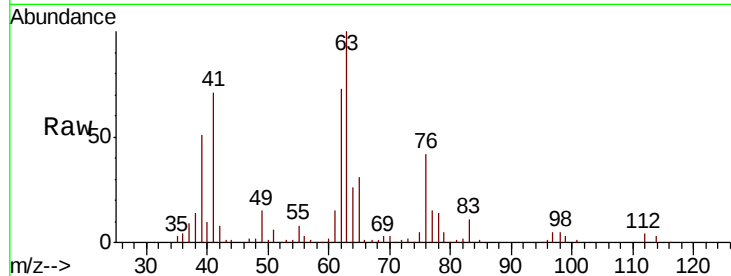




#45
 1,2-Dichloropropane
 Concen: 18.699 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

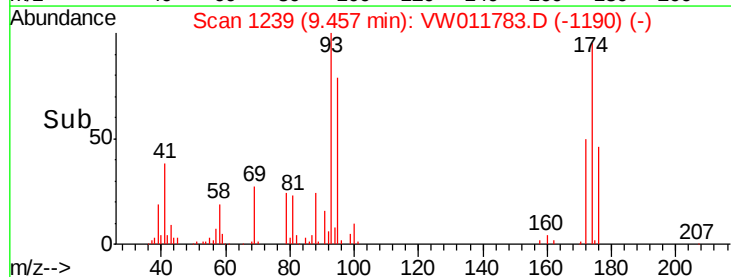
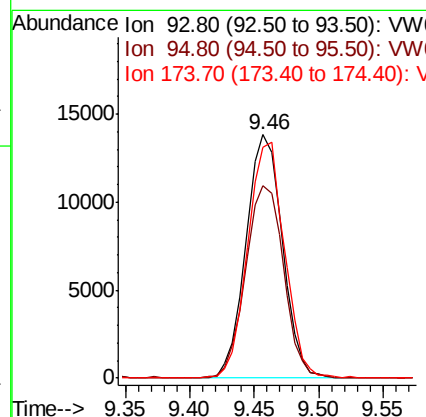
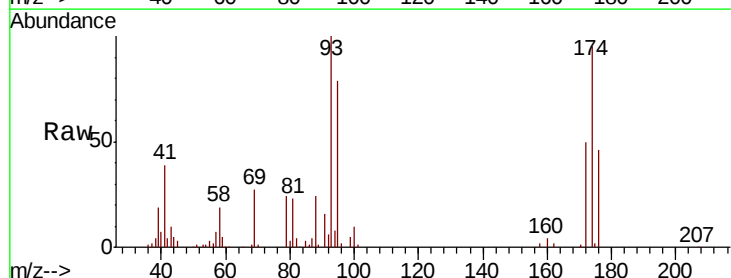
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

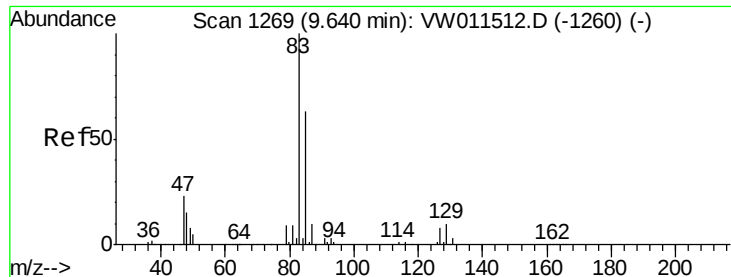
Tgt Ion: 63 Resp: 59604
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.4



#46
 Dibromomethane
 Concen: 18.590 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 93 Resp: 27046
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.2
 174 97.7 78.2 117.4

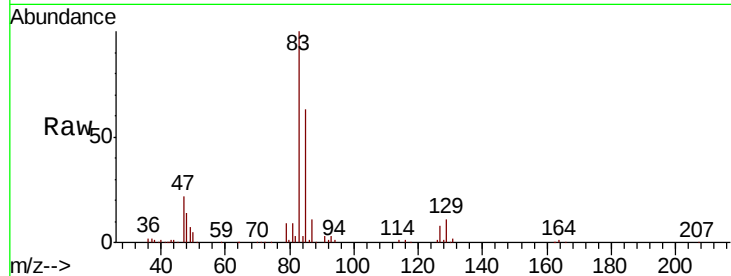




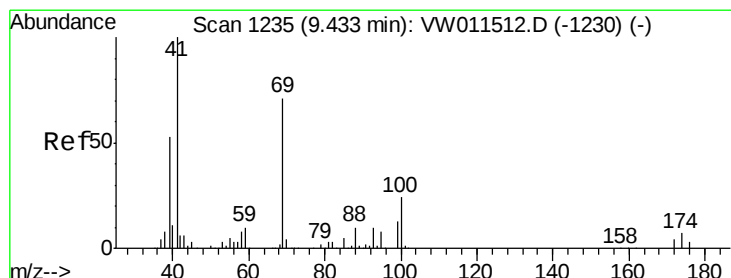
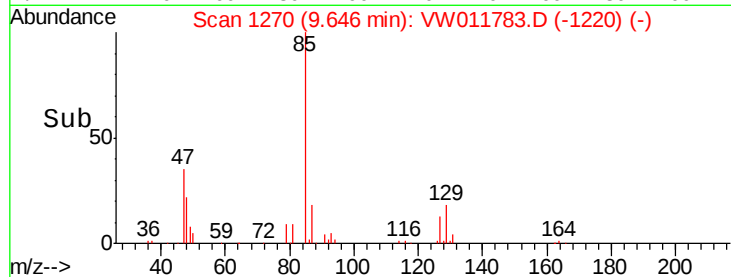
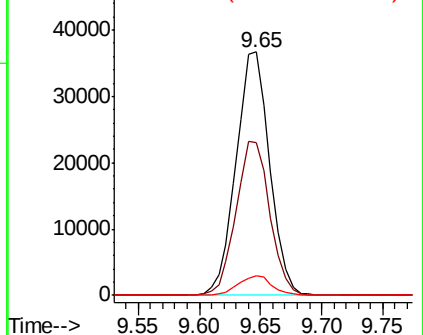
#47
Bromodichloromethane
Concen: 18.348 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tgt Ion: 83 Resp: 70022
Ion Ratio Lower Upper
83 100
85 63.0 50.5 75.7
127 7.9 6.4 9.6

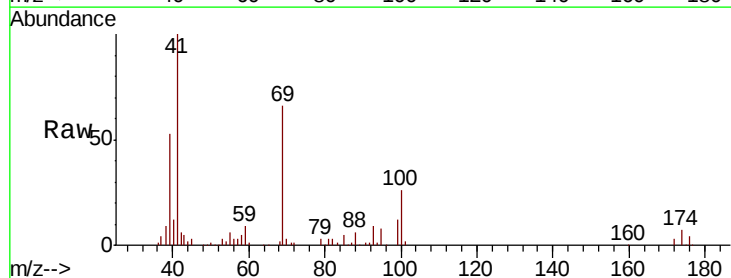


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

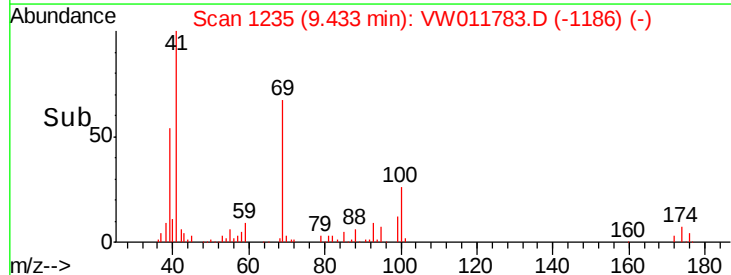
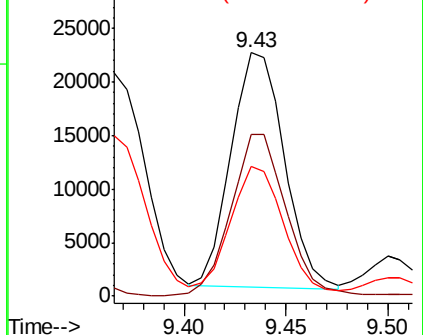


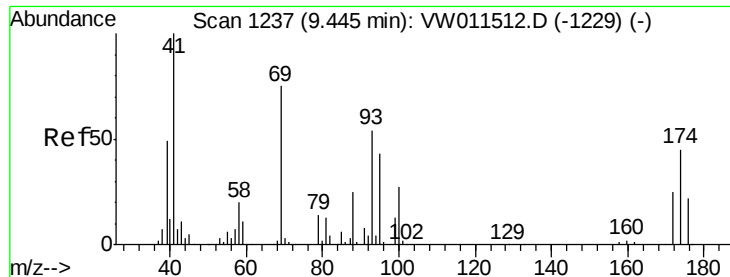
#48
Methyl methacrylate
Concen: 18.424 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion: 41 Resp: 39827
Ion Ratio Lower Upper
41 100
69 71.8 57.1 85.7
39 56.4 45.4 68.2



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: 367.761 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

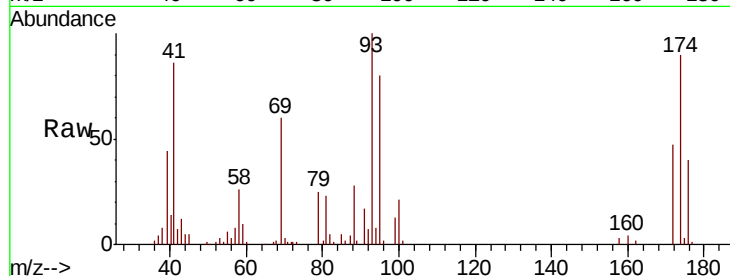
Tgt Ion: 88 Resp: 7747

Ion Ratio Lower Upper

88 100

43 37.1 34.0 51.0

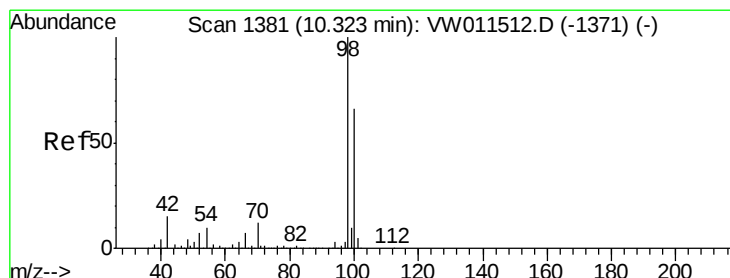
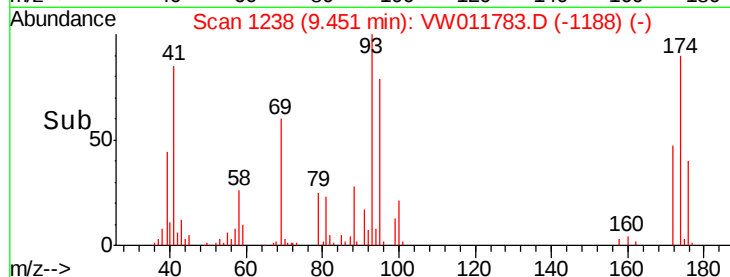
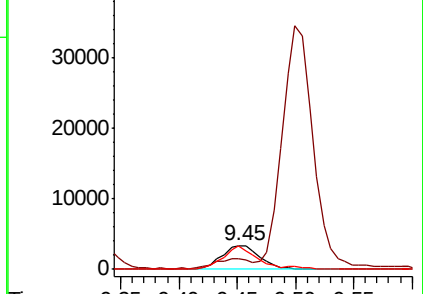
58 91.2 69.7 104.5



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: 52.535 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011783.D

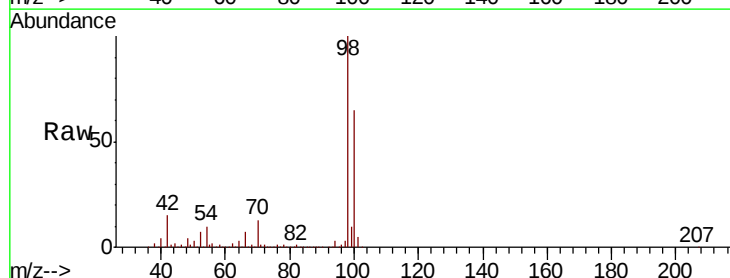
Acq: 08 Aug 2019 22:03

Tgt Ion: 98 Resp: 493565

Ion Ratio Lower Upper

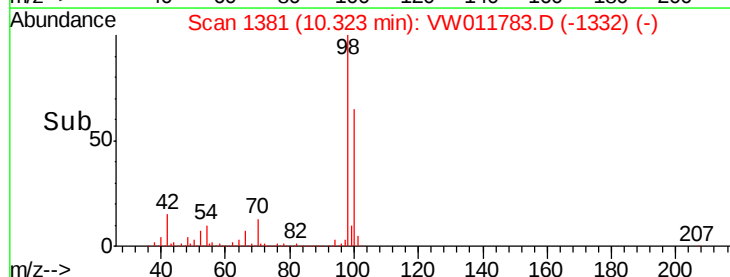
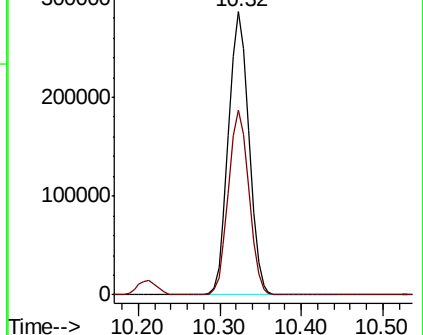
98 100

100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

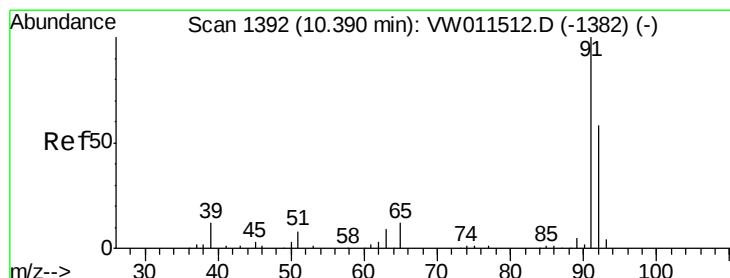
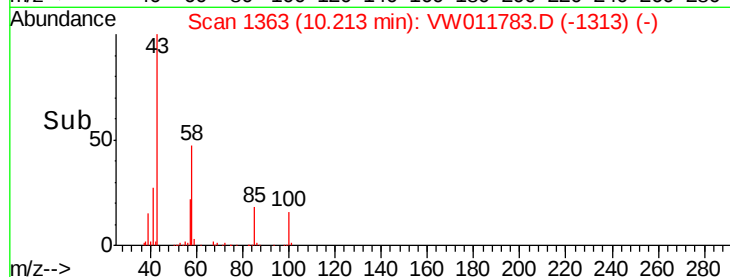
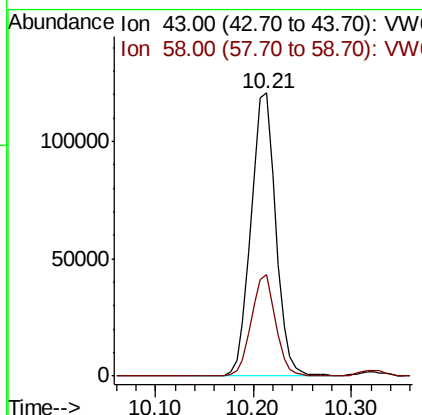
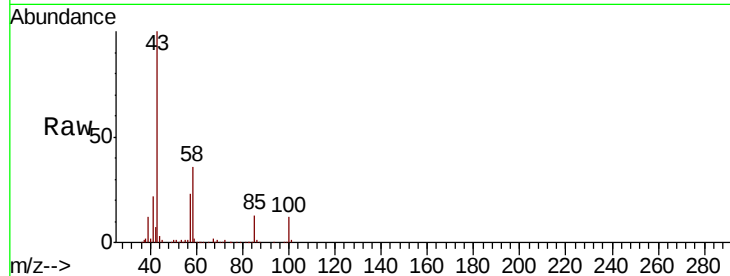




#51
 4-Methyl-2-Pentanone
 Concen: 91.247 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

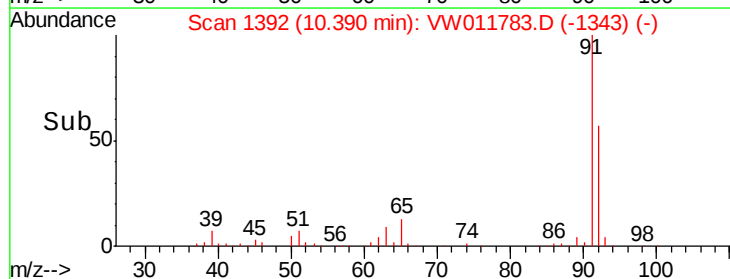
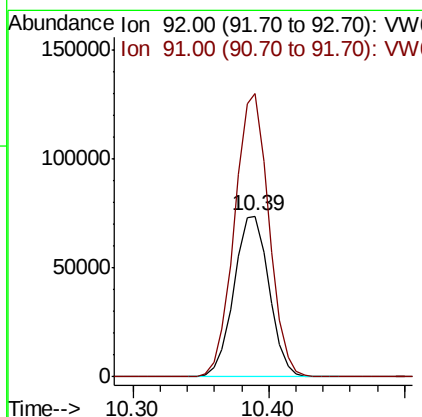
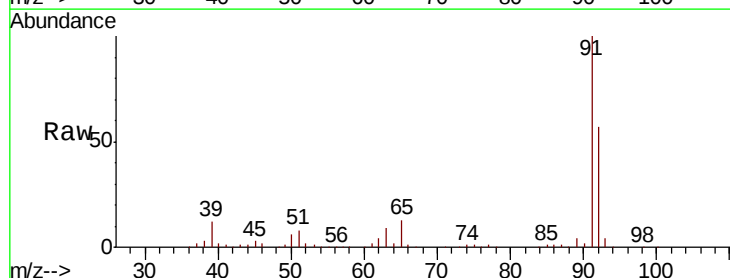
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

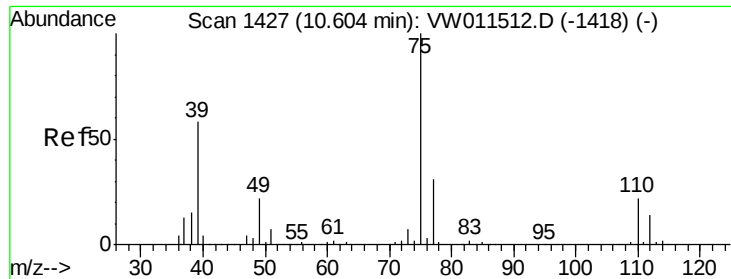
Tgt Ion: 43 Resp: 213580
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.2 42.2



#52
 Toluene
 Concen: 18.474 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 92 Resp: 132908
 Ion Ratio Lower Upper
 92 100
 91 172.4 136.7 205.1

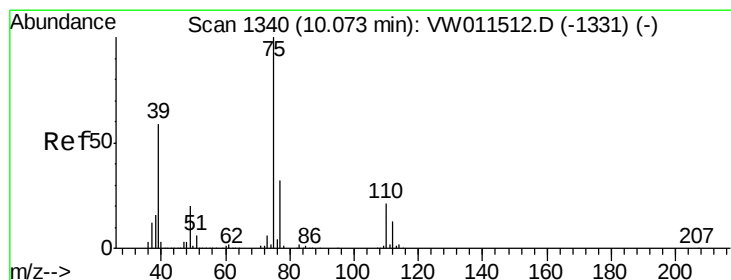
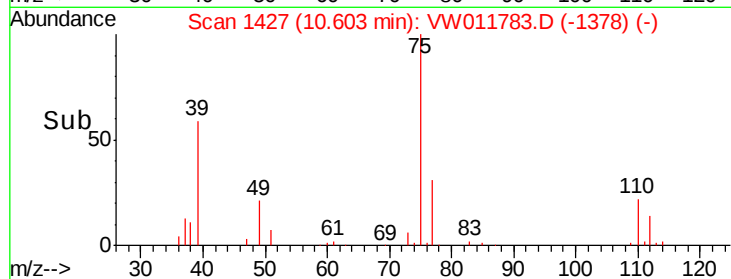
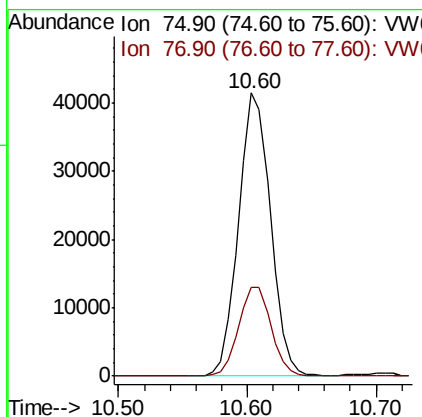
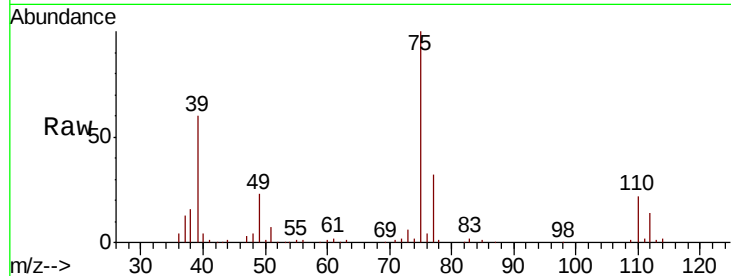




#53
 t-1,3-Dichloropropene
 Concen: 17.893 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

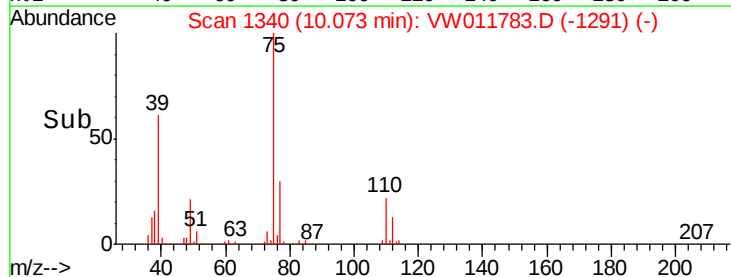
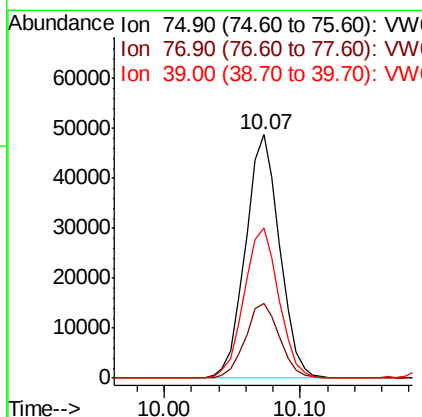
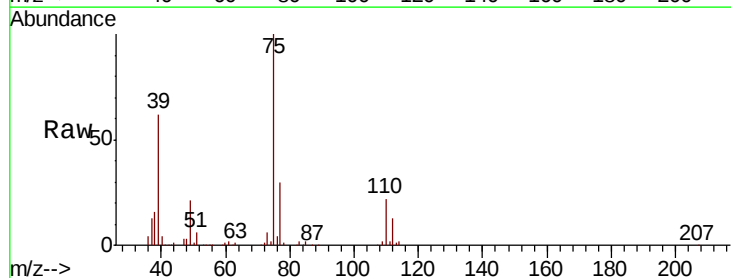
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

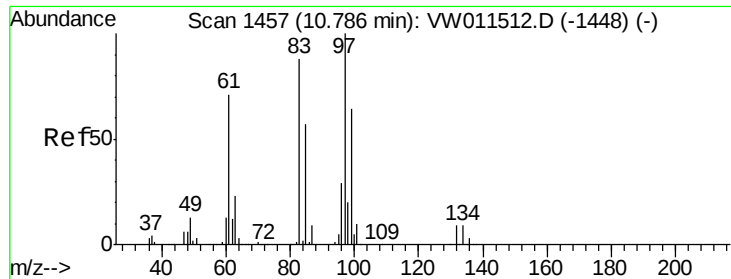
Tgt Ion: 75 Resp: 71329
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.116 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 75 Resp: 85867
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.6 38.4
 39 61.5 47.0 70.4

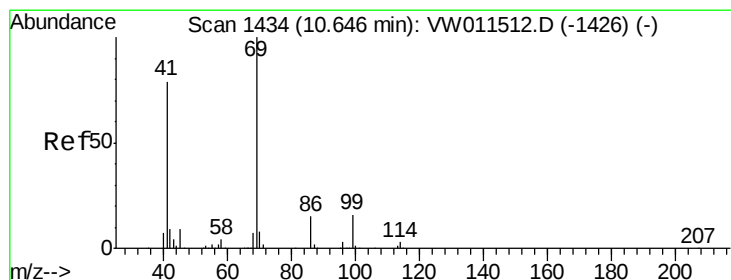
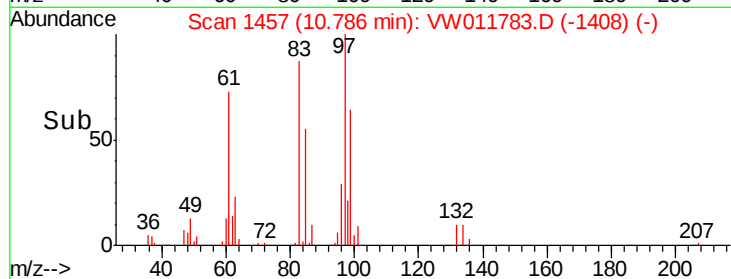
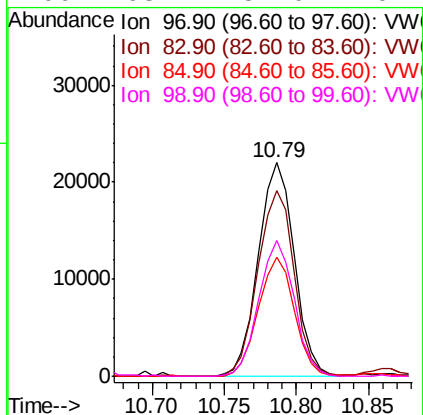
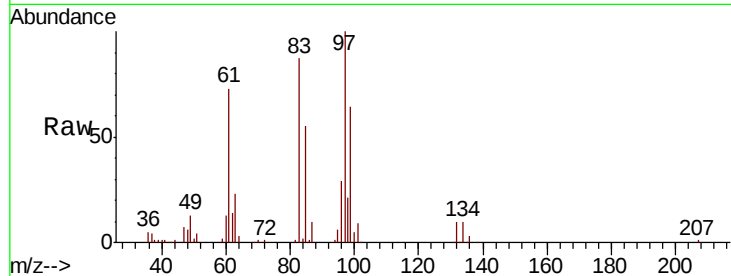




#55
 1,1,2-Trichloroethane
 Concen: 18.451 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

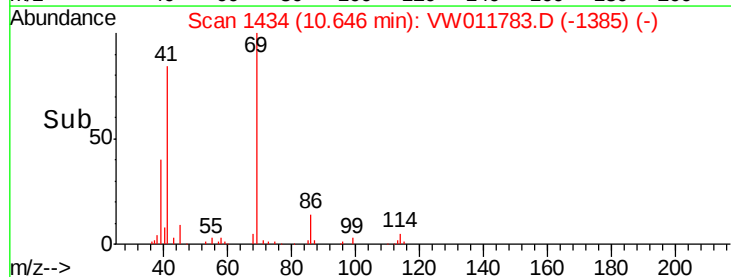
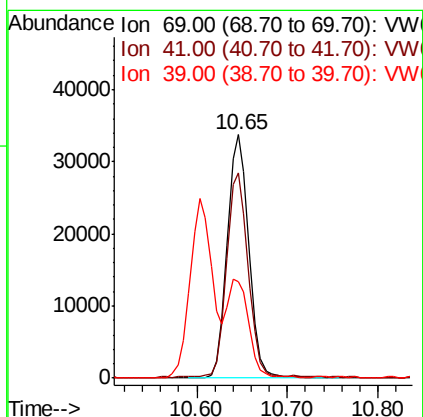
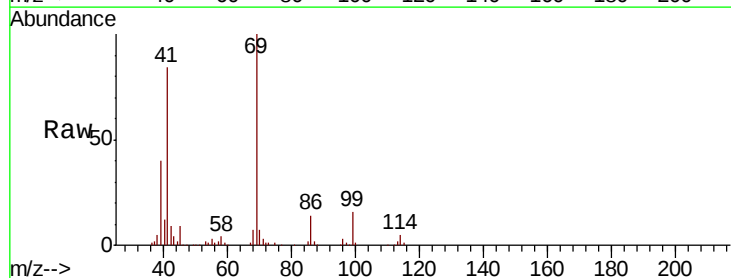
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

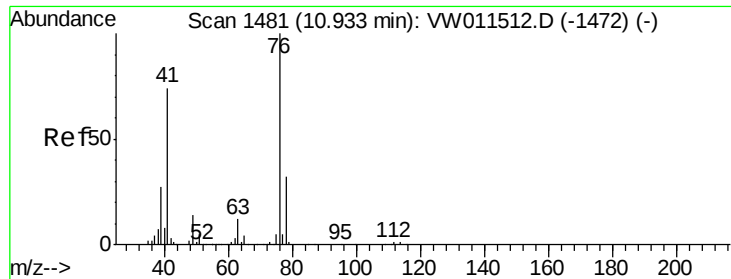
Tgt Ion:	97	Resp:	38087
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.5	105.7
85	55.5	45.8	68.6
99	63.7	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 18.494 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion:	69	Resp:	55863
Ion	Ratio	Lower	Upper
69	100		
41	83.4	66.6	99.8
39	39.4	30.3	45.5

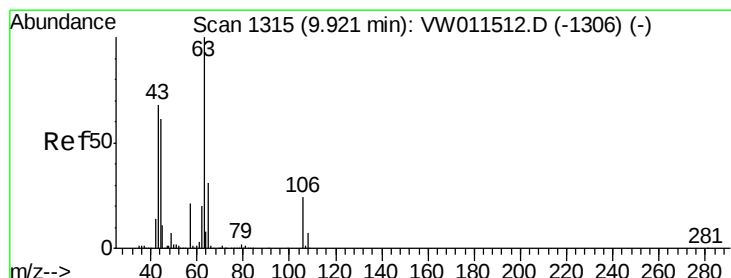
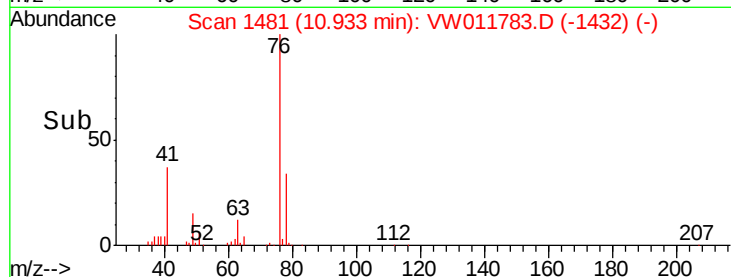
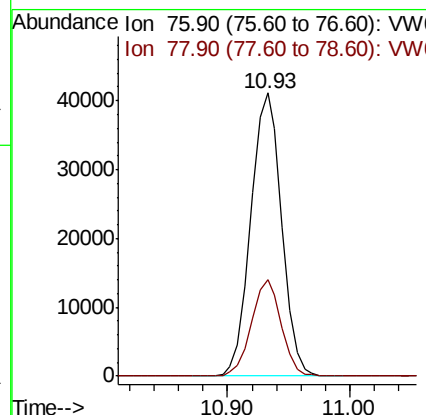
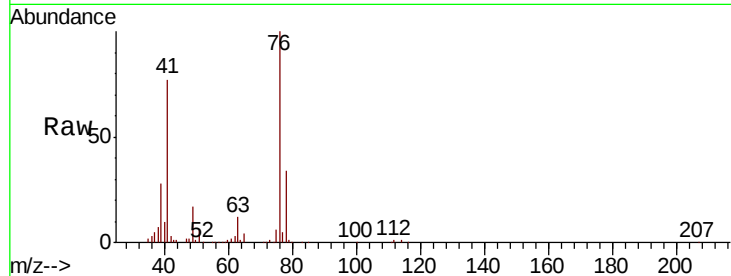




#57
 1,3-Dichloropropane
 Concen: 18.457 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

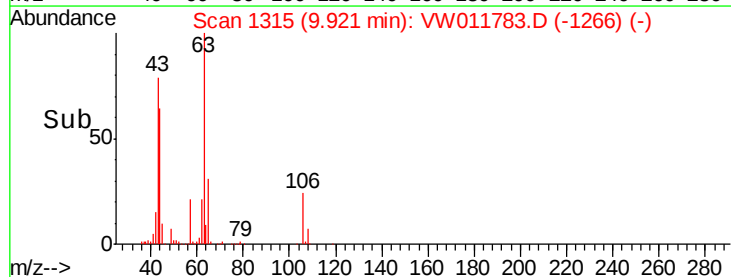
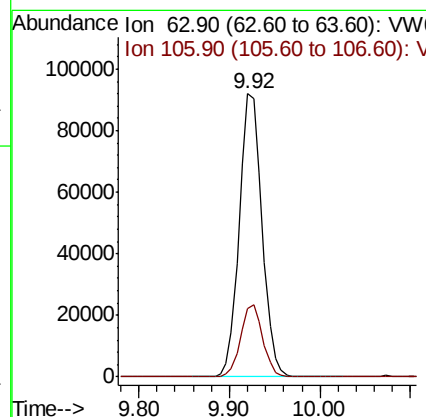
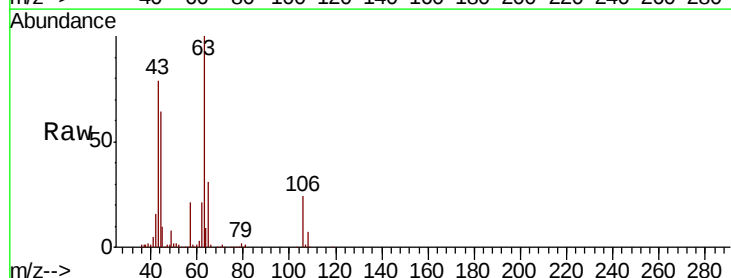
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Tgt Ion: 76 Resp: 72081
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.702 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 63 Resp: 160054
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.7 29.5

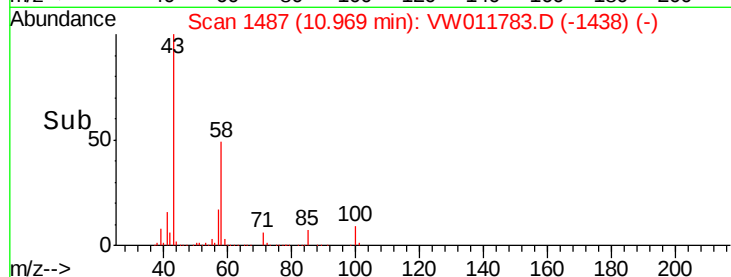
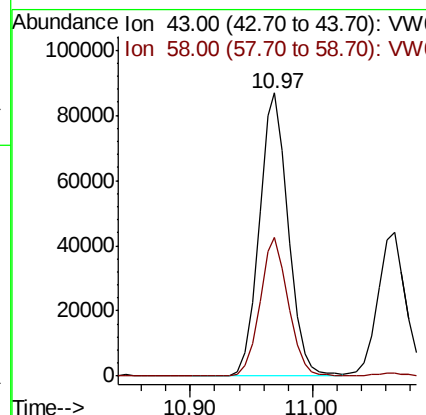
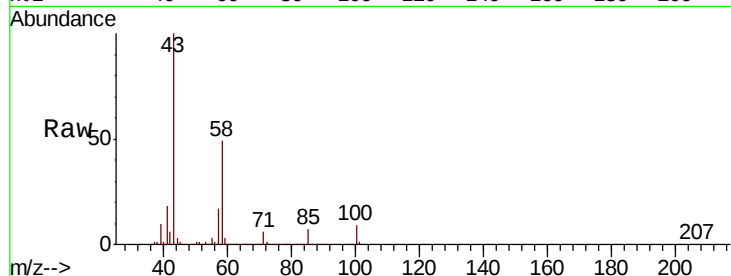




#59
2-Hexanone
Concen: 86.132 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

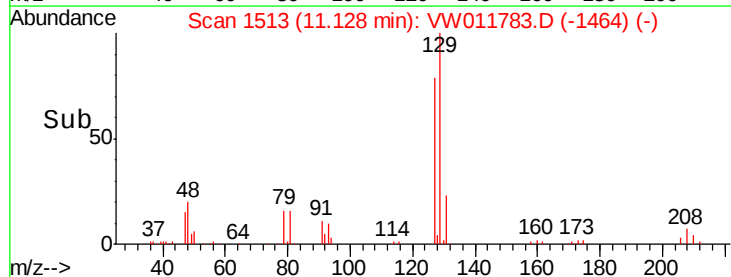
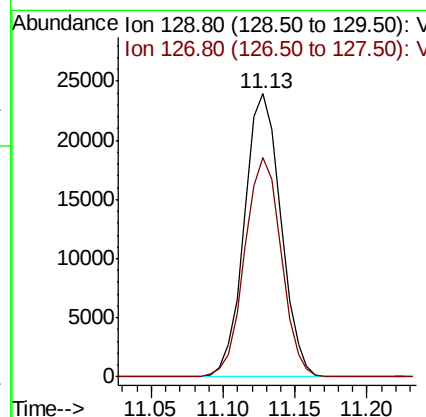
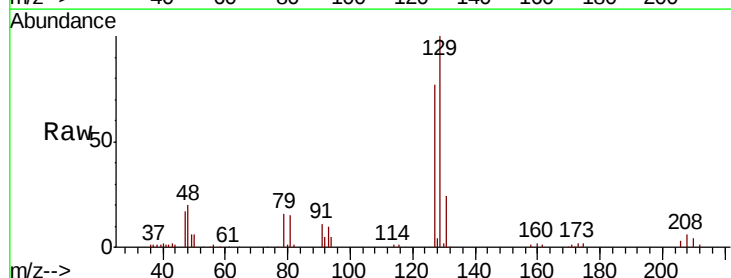
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tgt Ion: 43 Resp: 142348
Ion Ratio Lower Upper
43 100
58 48.2 24.3 72.9



#60
Dibromochloromethane
Concen: 18.327 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion: 129 Resp: 41992
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

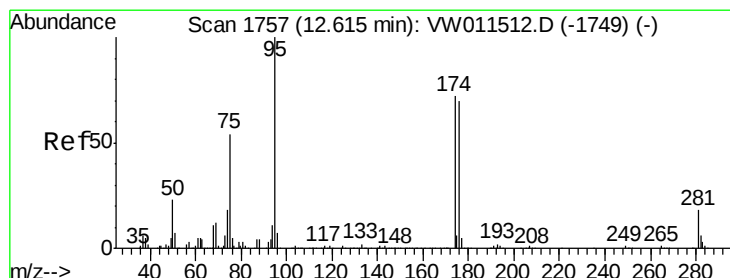
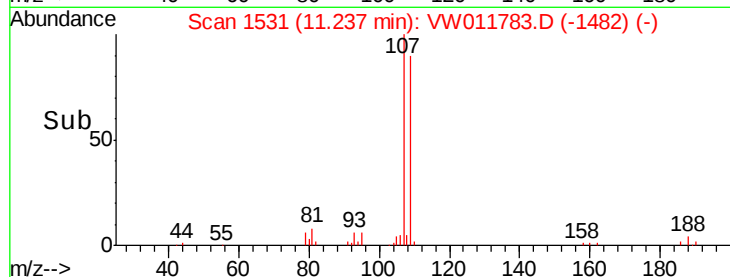
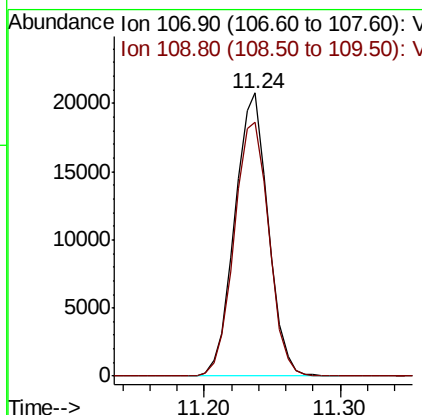
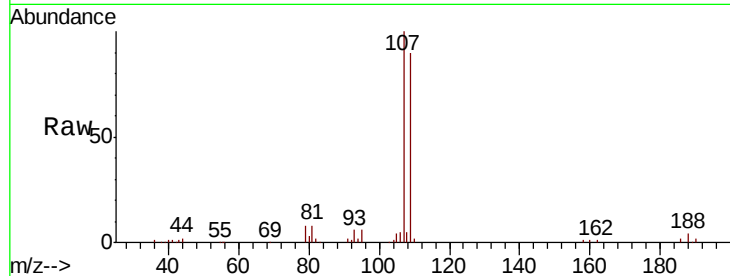




#61
 1,2-Dibromoethane
 Concen: 18.220 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

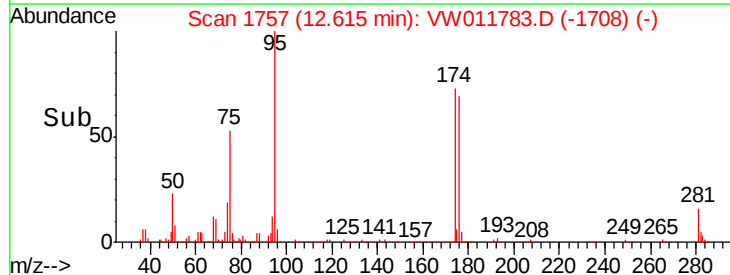
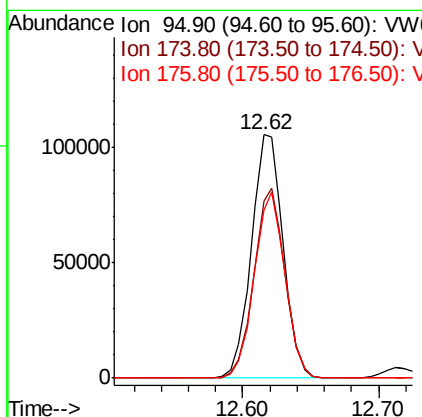
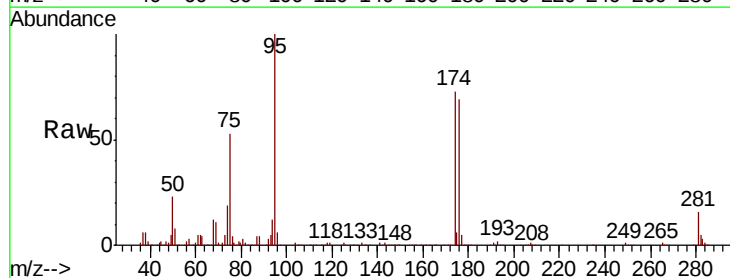
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

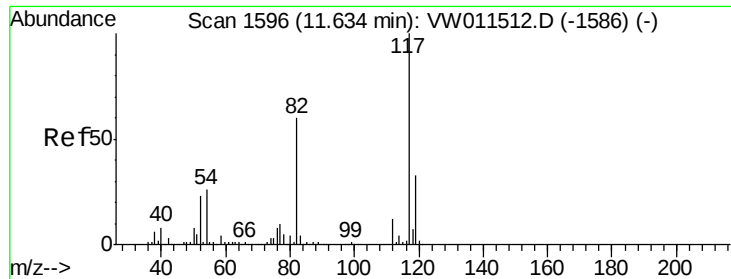
Tgt Ion: 107 Resp: 35592
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.440 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 95 Resp: 172301
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 150.2
 176 74.2 0.0 144.4

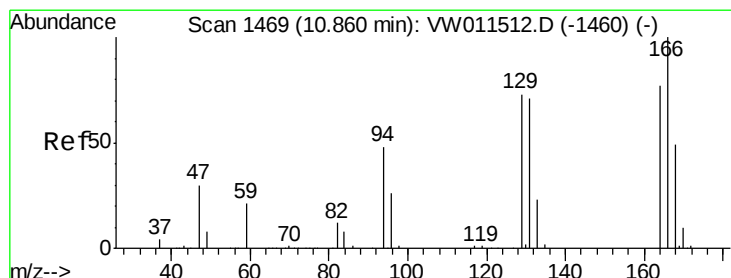
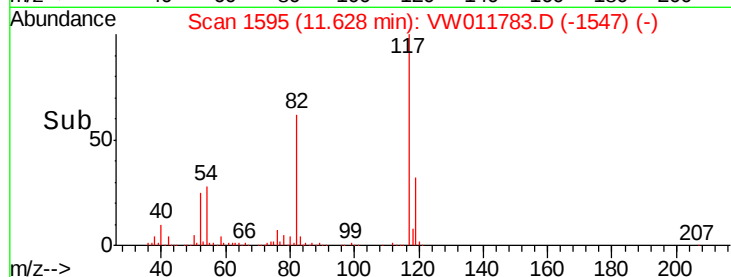
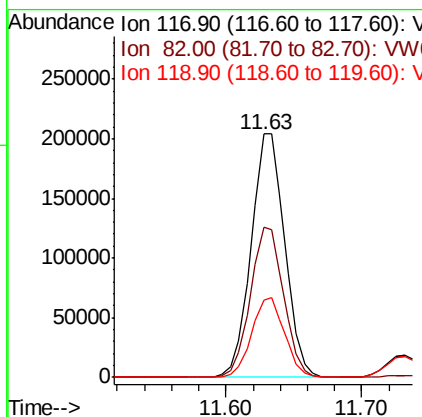
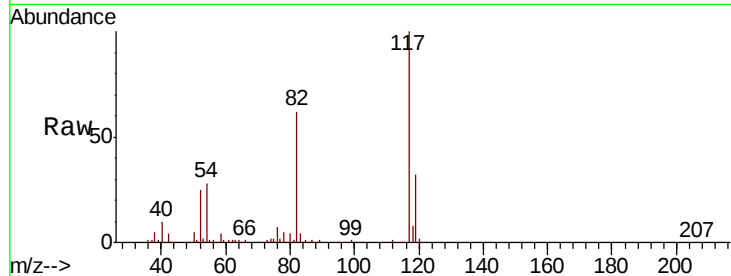




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

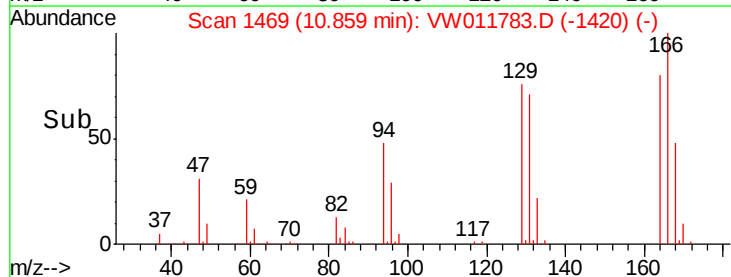
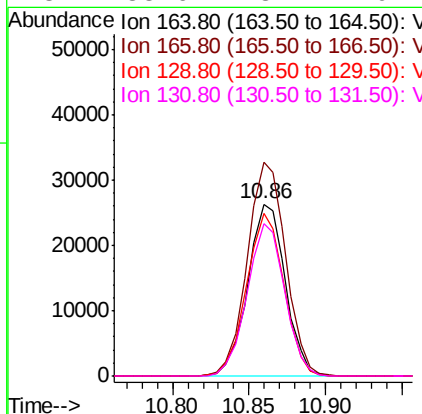
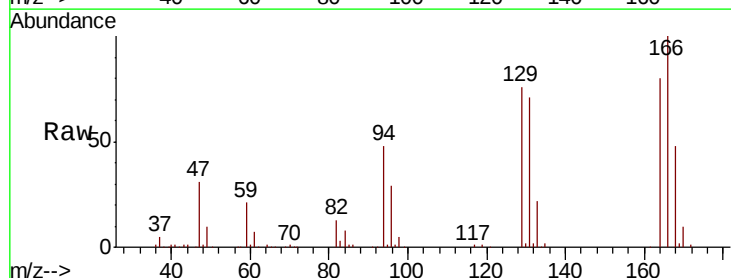
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

Tgt Ion:117 Resp: 353259
Ion Ratio Lower Upper
117 100
82 61.8 47.9 71.9
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 19.437 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion:164 Resp: 44707
Ion Ratio Lower Upper
164 100
166 124.4 103.5 155.3
129 95.0 75.2 112.8
131 88.6 73.4 110.2





#65

Chlorobenzene

Concen: 18.827 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

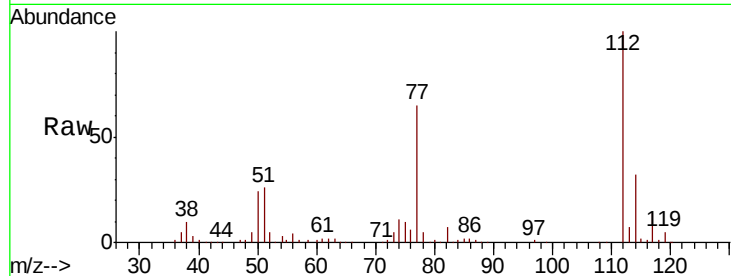
VW0810SBSD01

Tgt Ion:112 Resp: 133715

Ion Ratio Lower Upper

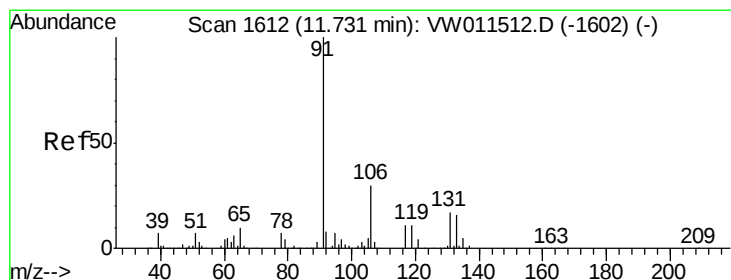
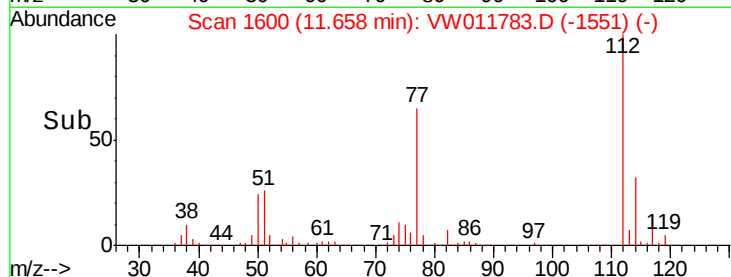
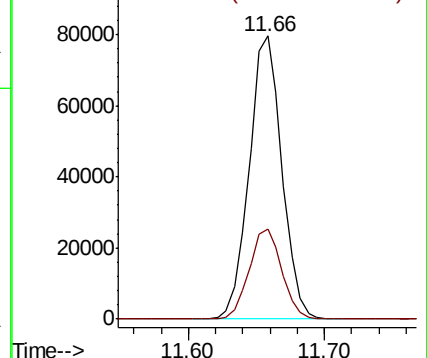
112 100

114 31.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.835 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

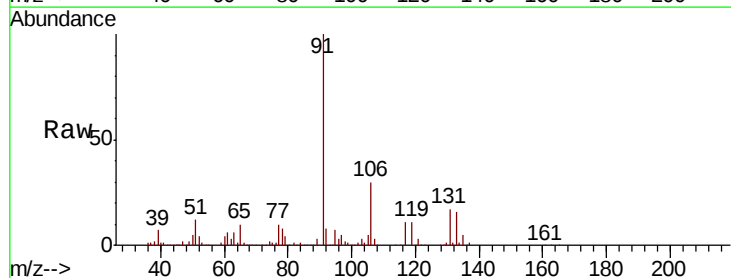
Tgt Ion:131 Resp: 46596

Ion Ratio Lower Upper

131 100

133 95.9 47.4 142.2

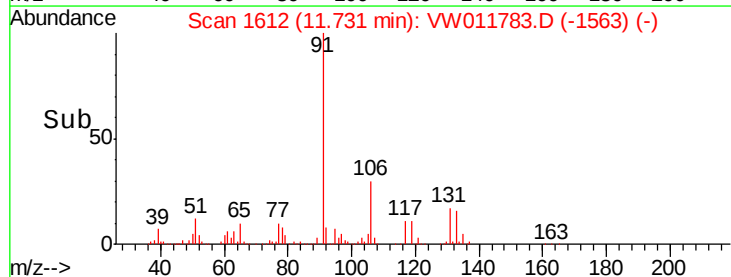
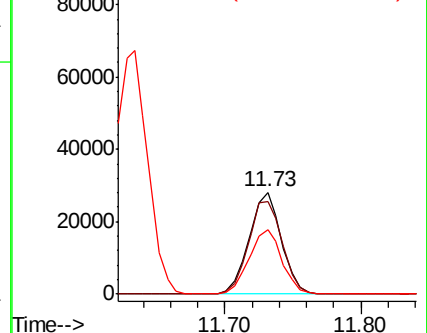
119 64.6 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

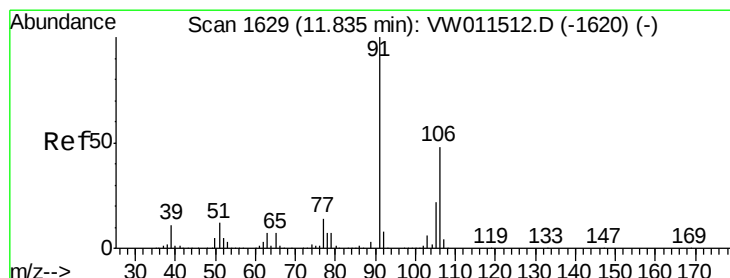
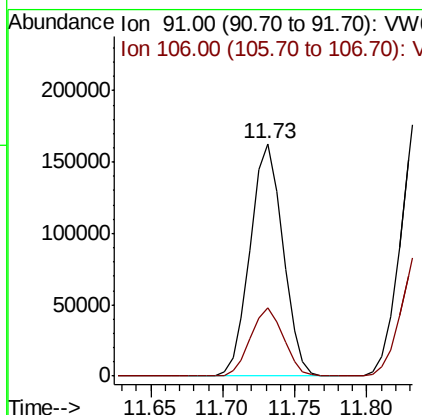
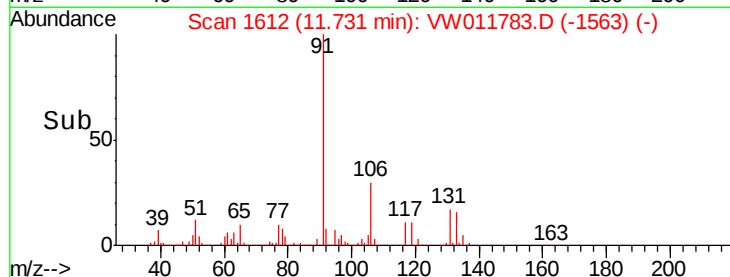
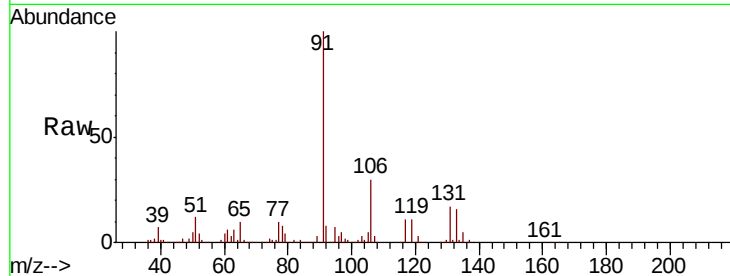




#67
Ethyl Benzene
Concen: 18.954 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

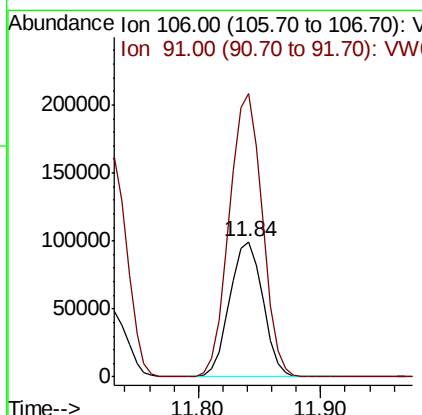
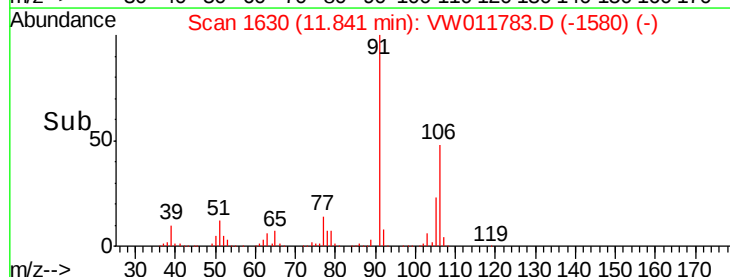
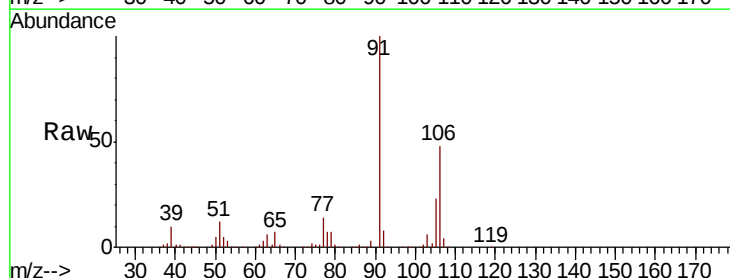
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

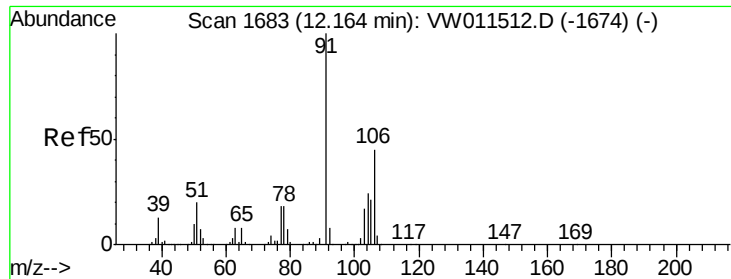
Tgt Ion: 91 Resp: 256375
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 37.932 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion: 106 Resp: 186595
Ion Ratio Lower Upper
106 100
91 208.3 168.2 252.2

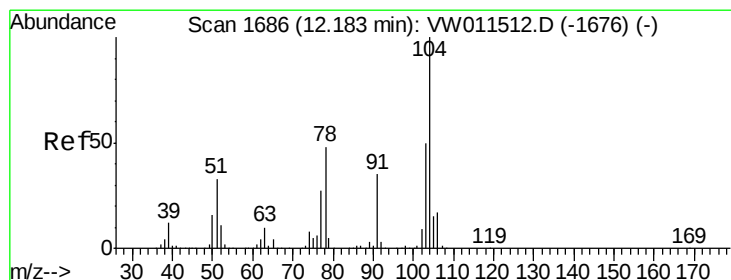
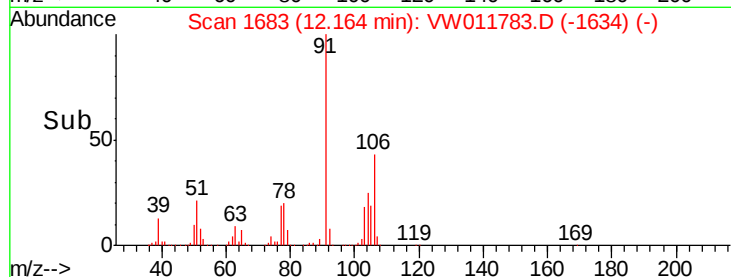
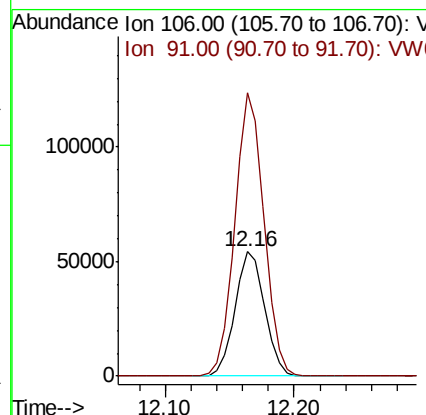
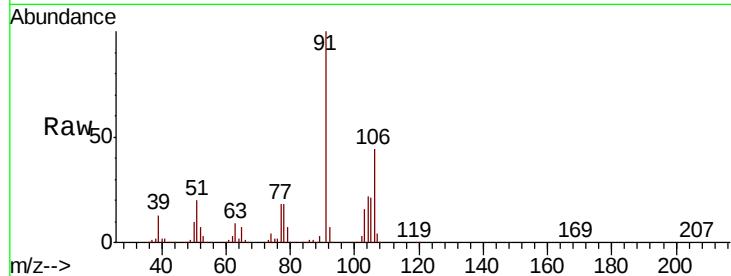




#69
o-Xylene
Concen: 19.038 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

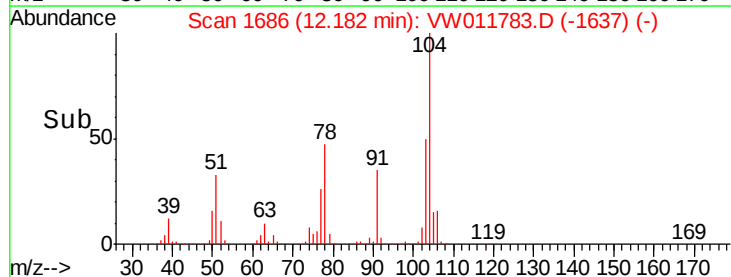
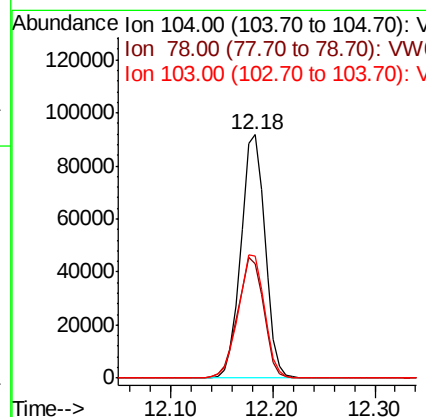
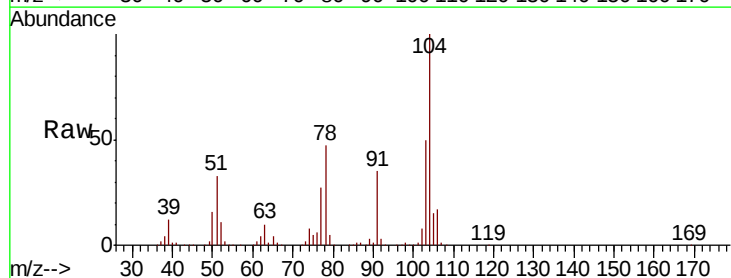
Instrument :
MSVOA_W
ClientSampled :
VW0810SBSD01

Tgt Ion:106 Resp: 87028
Ion Ratio Lower Upper
106 100
91 224.3 110.5 331.5



#70
Styrene
Concen: 18.958 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion:104 Resp: 149834
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.0
103 55.0 43.9 65.9





#71

Bromoform

Concen: 18.772 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

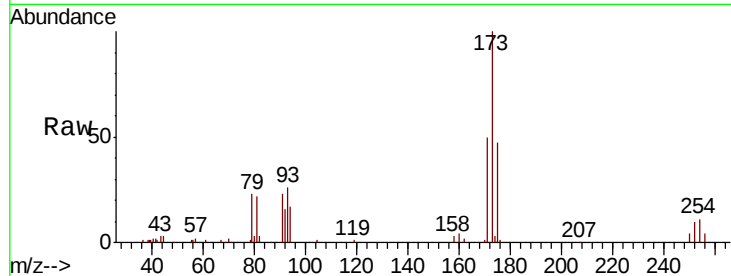
Tgt Ion:173 Resp: 23678

Ion Ratio Lower Upper

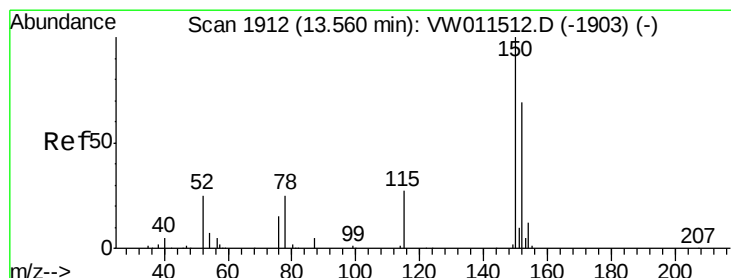
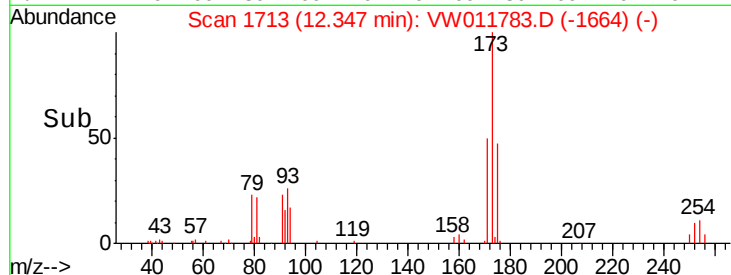
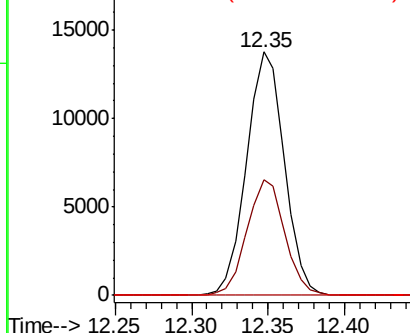
173 100

175 47.3 23.6 71.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

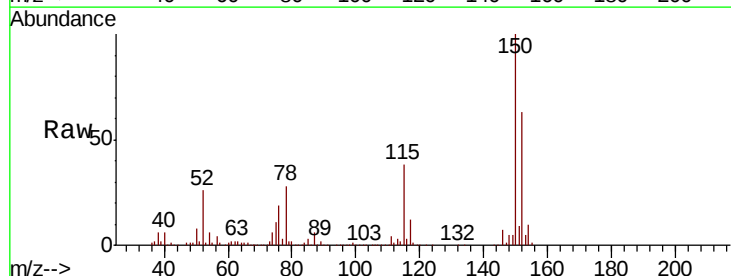
Tgt Ion:152 Resp: 169929

Ion Ratio Lower Upper

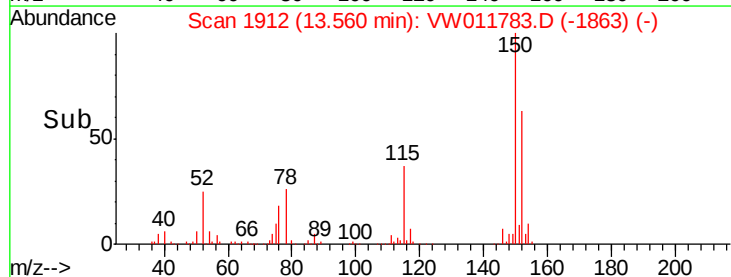
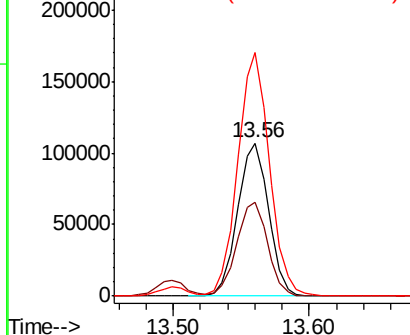
152 100

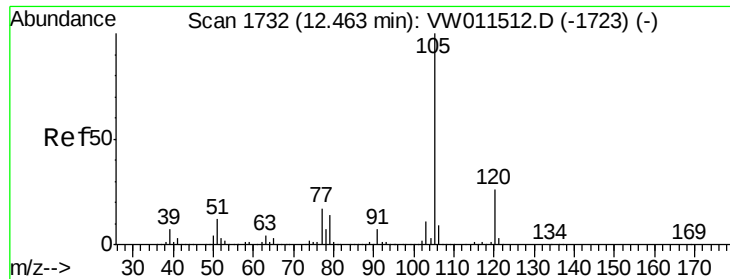
115 61.2 30.5 91.5

150 162.4 0.0 352.6



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: 18.815 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

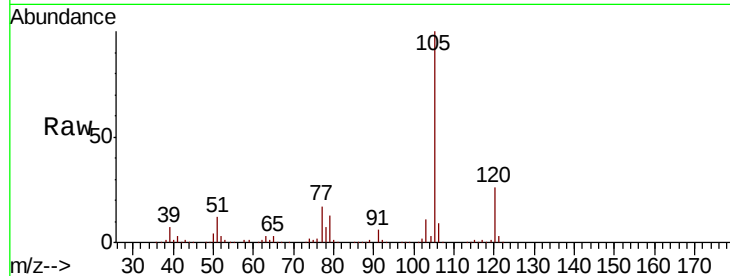
VW0810SBSD01

Tgt Ion: 105 Resp: 238514

Ion Ratio Lower Upper

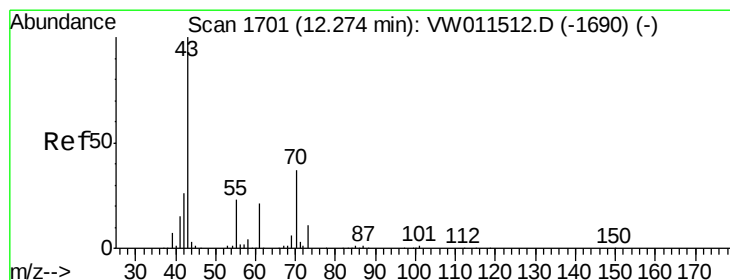
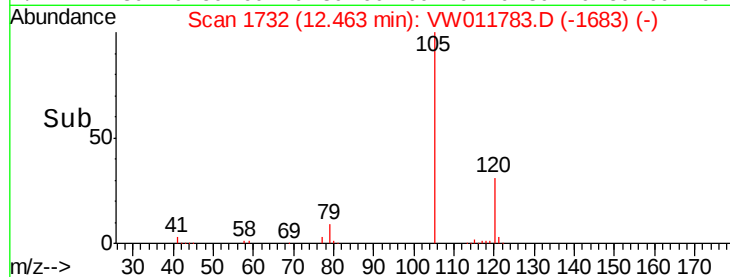
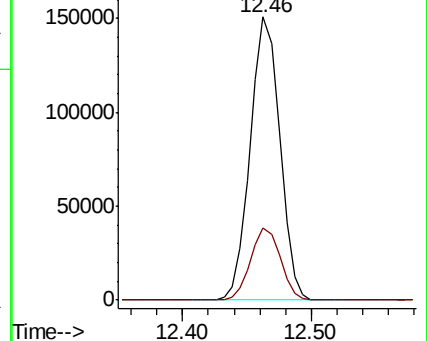
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.280 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Tgt Ion: 43 Resp: 72553

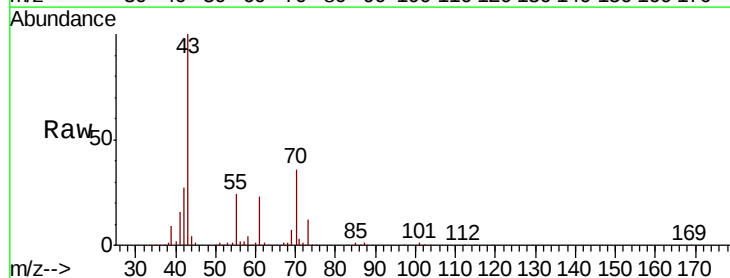
Ion Ratio Lower Upper

43 100

70 36.8 28.6 43.0

55 23.5 17.8 26.8

61 22.1 17.0 25.6

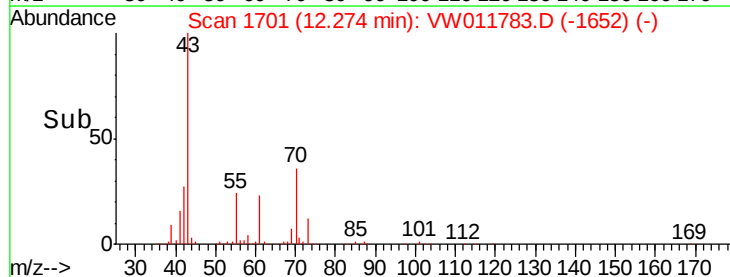
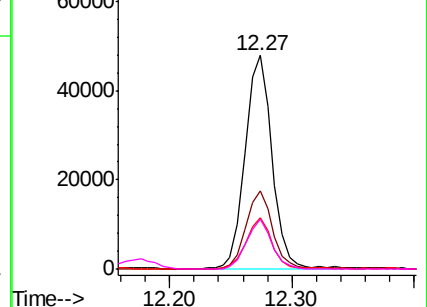


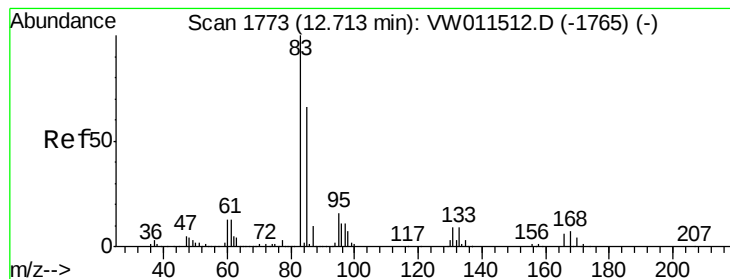
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 19.304 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

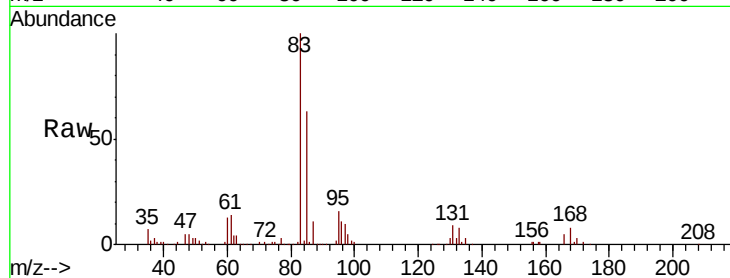
Tgt Ion: 83 Resp: 46032

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

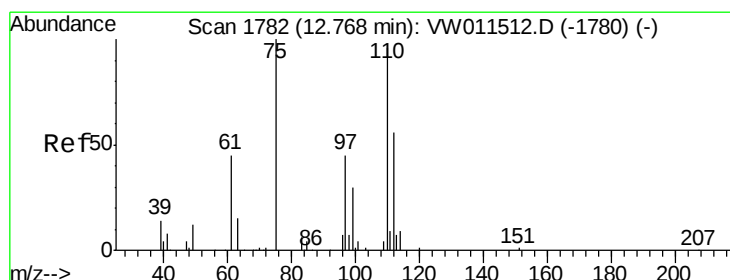
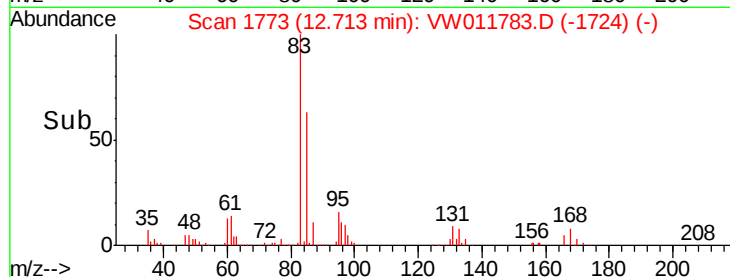
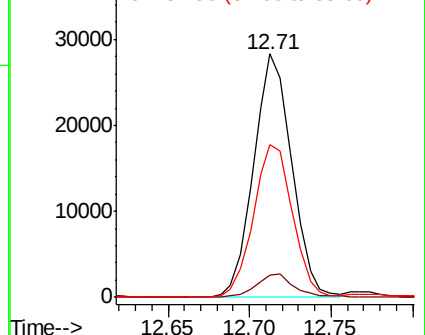
85 64.3 31.8 95.4



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: 33.413 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011783.D

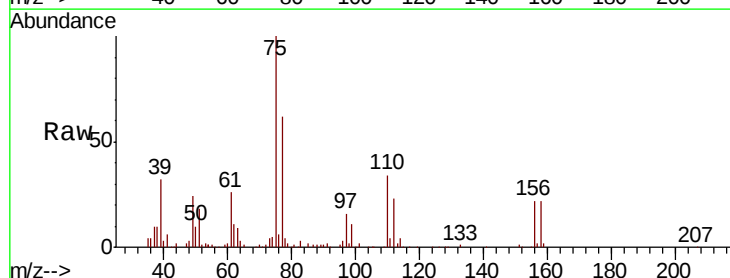
Acq: 08 Aug 2019 22:03

Tgt Ion: 75 Resp: 60078

Ion Ratio Lower Upper

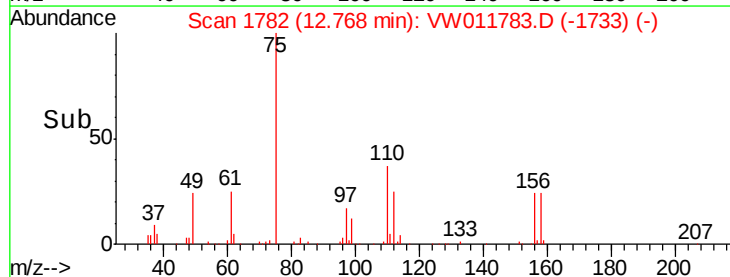
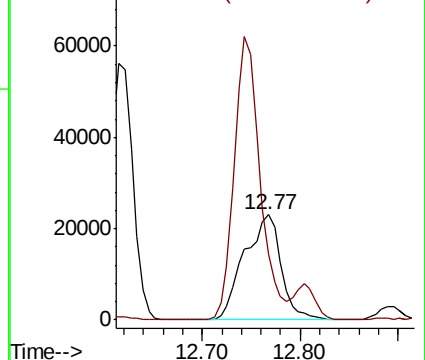
75 100

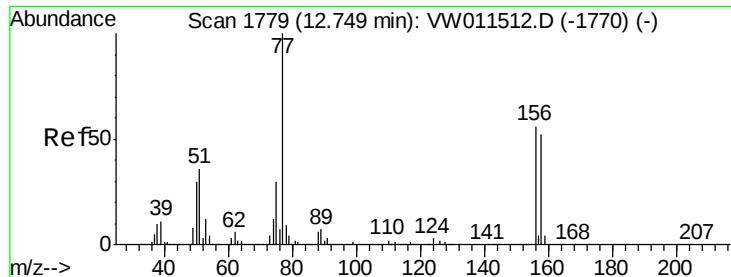
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.214 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

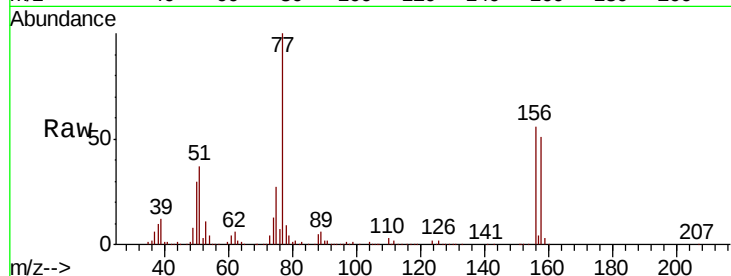
Tgt Ion:156 Resp: 53837

Ion Ratio Lower Upper

156 100

77 212.5 106.5 319.4

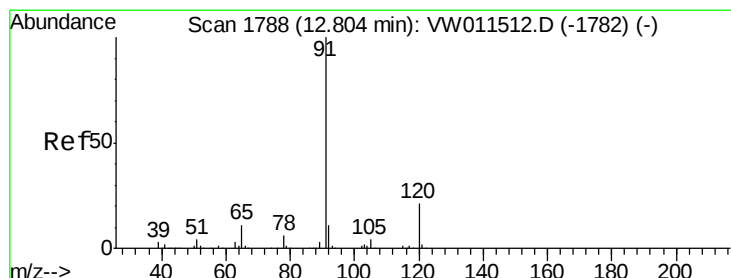
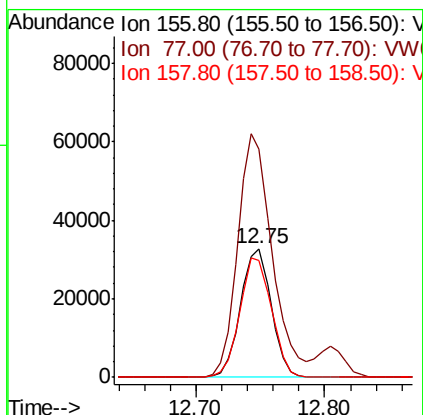
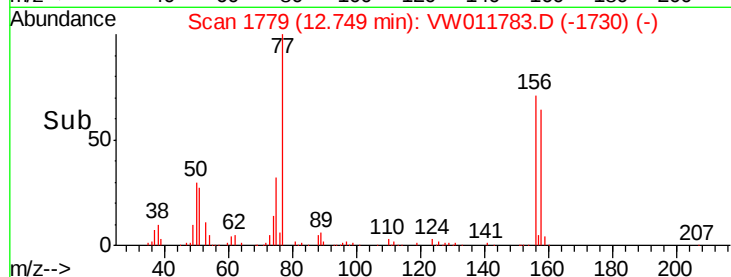
158 95.7 48.0 144.2



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: 18.901 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011783.D

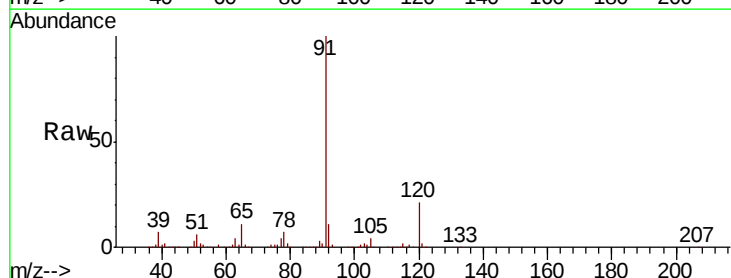
Acq: 08 Aug 2019 22:03

Tgt Ion: 91 Resp: 291608

Ion Ratio Lower Upper

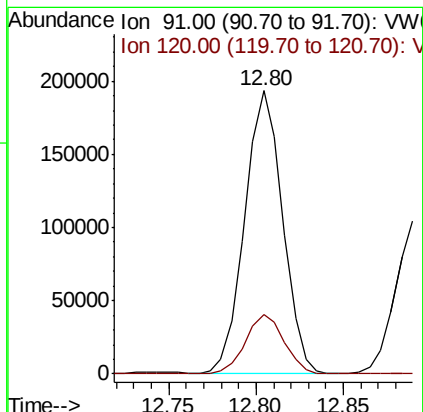
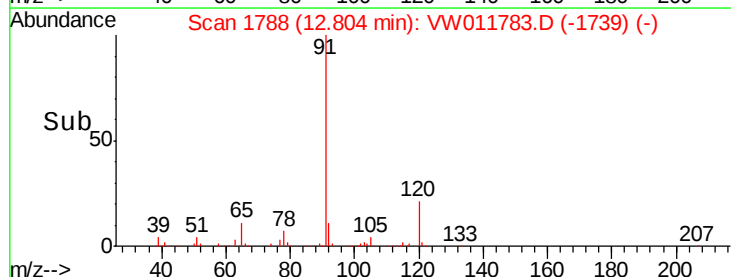
91 100

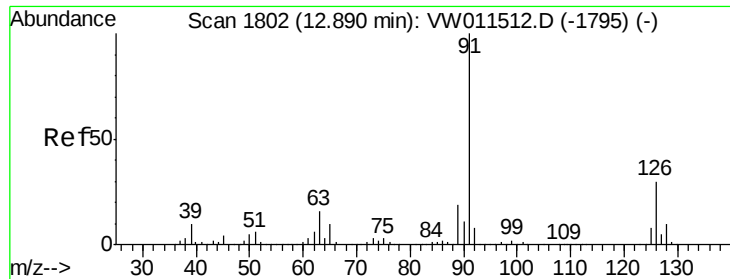
120 21.2 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

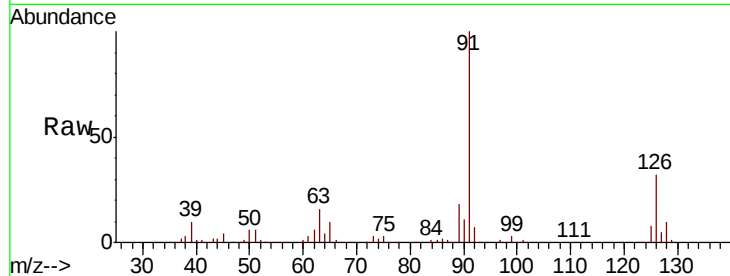




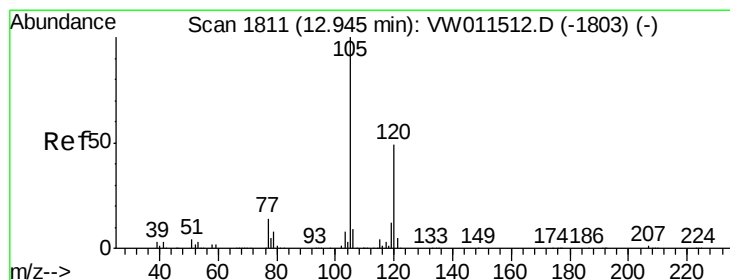
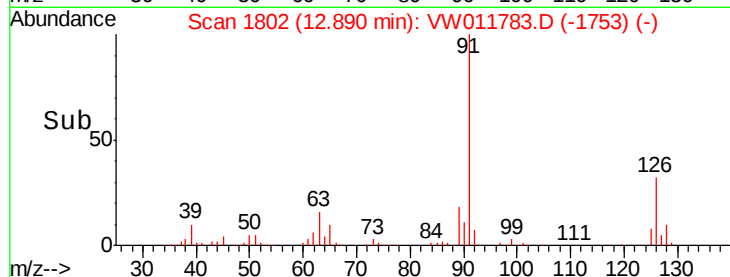
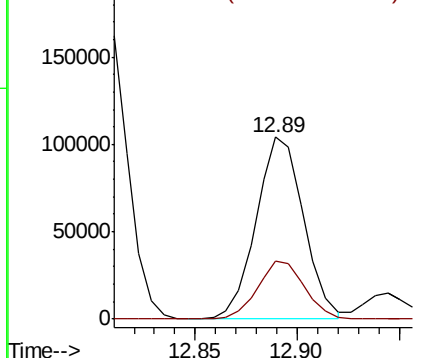
#79
 2-Chlorotoluene
 Concen: 18.931 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Tgt Ion: 91 Resp: 168260
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.7 47.1

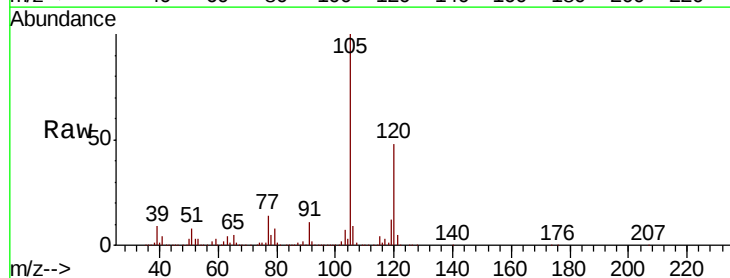


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

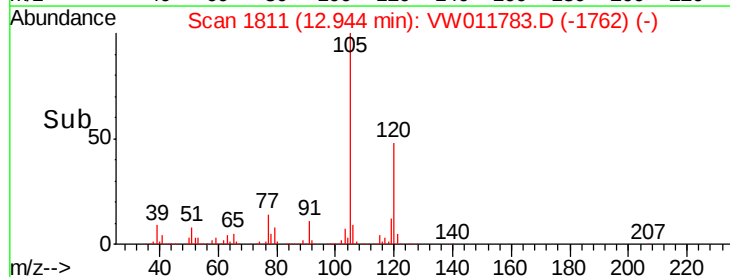
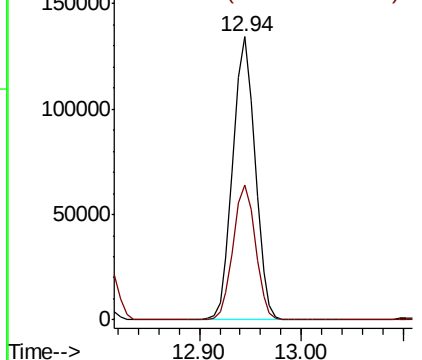


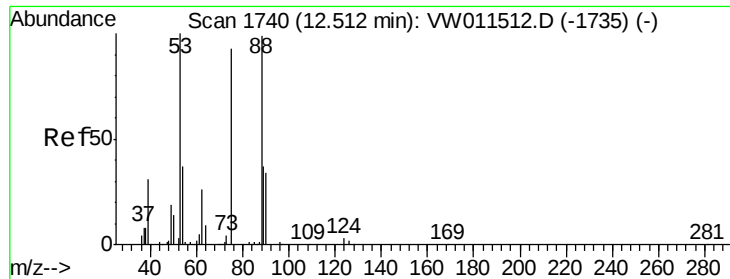
#80
 1,3,5-Trimethylbenzene
 Concen: 19.093 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 105 Resp: 202896
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

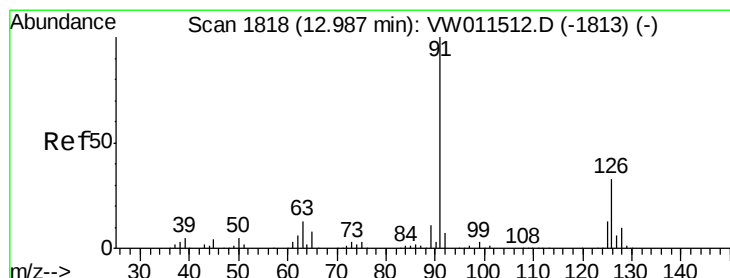
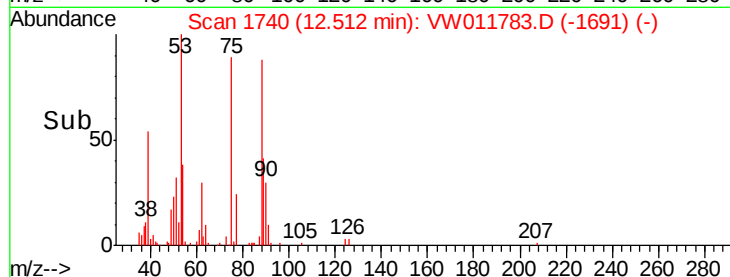
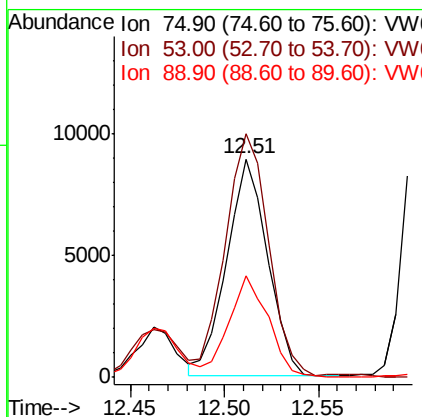
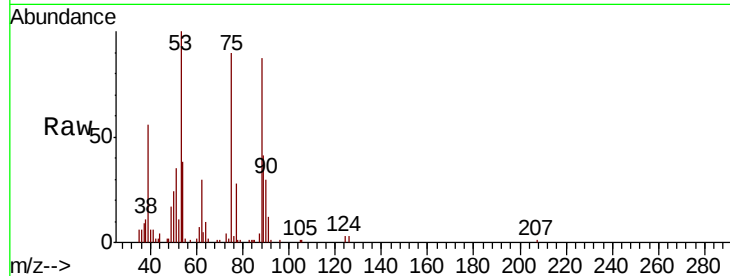




#81
trans-1,4-Dichloro-2-butene
Concen: 17.192 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

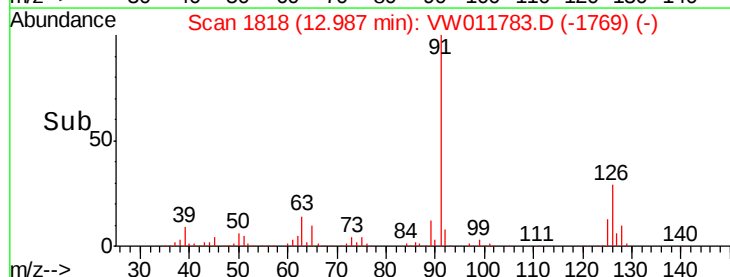
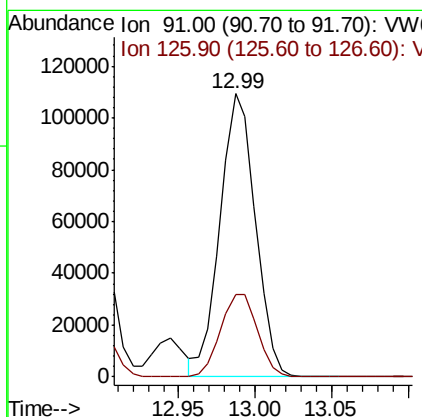
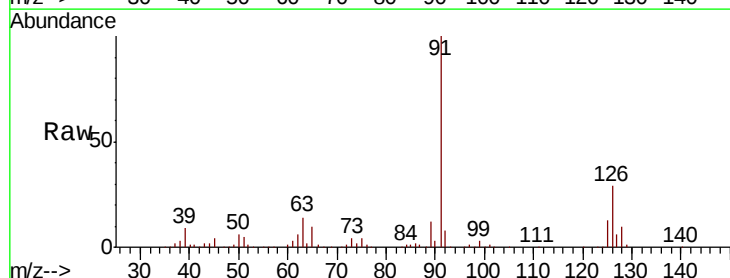
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

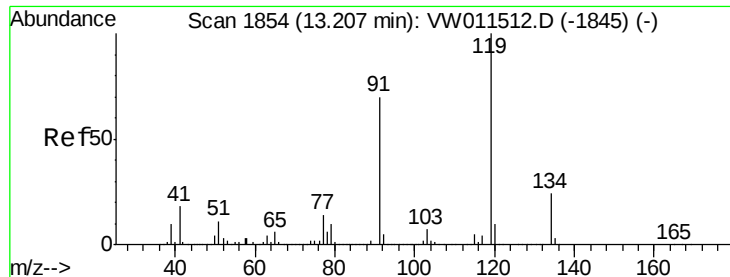
Tgt Ion: 75 Resp: 13413
Ion Ratio Lower Upper
75 100
53 121.4 88.0 132.0
89 44.9 35.3 52.9



#82
4-Chlorotoluene
Concen: 18.809 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion: 91 Resp: 175401
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8

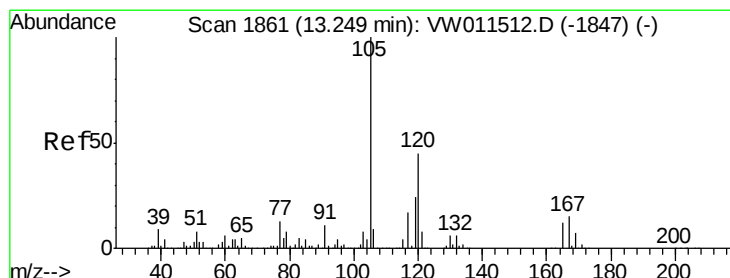
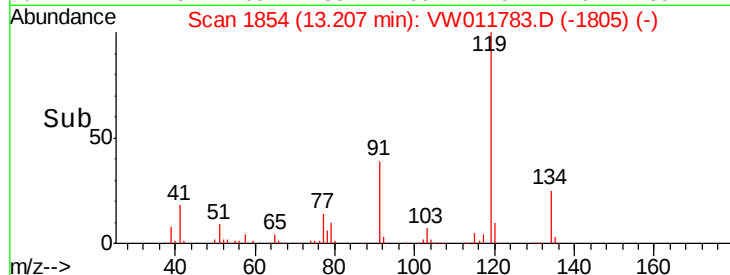
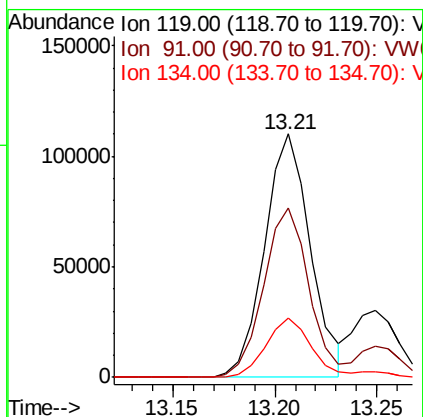
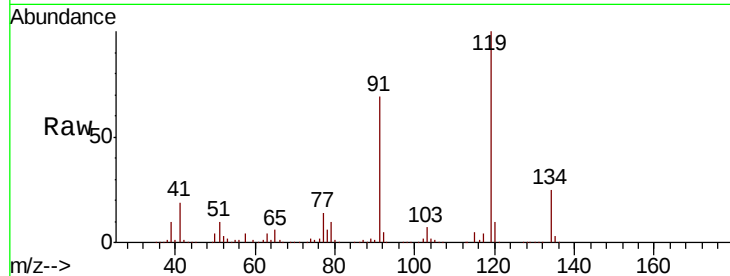




#83
tert-Butylbenzene
Concen: 19.412 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

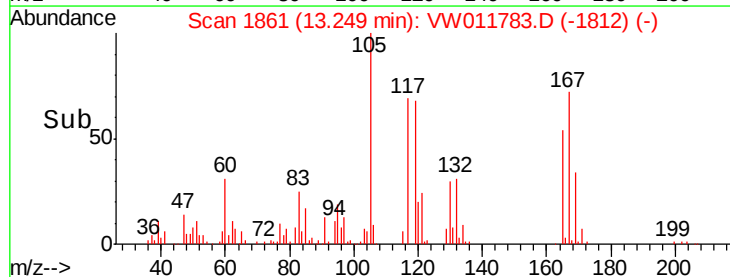
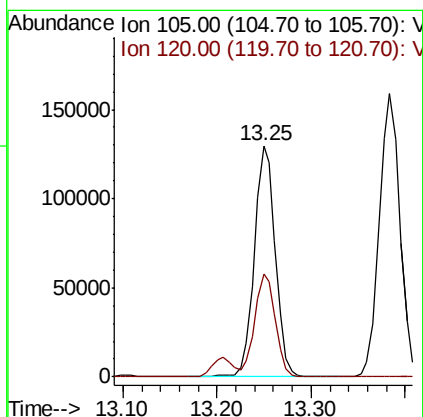
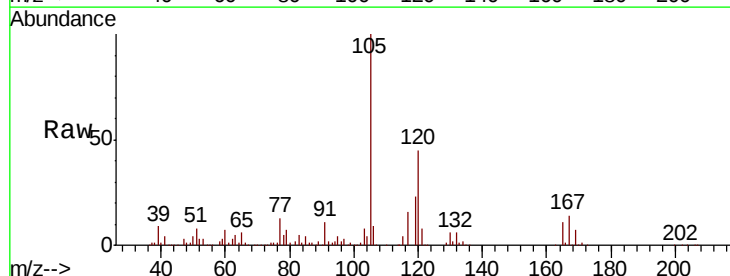
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBSD01

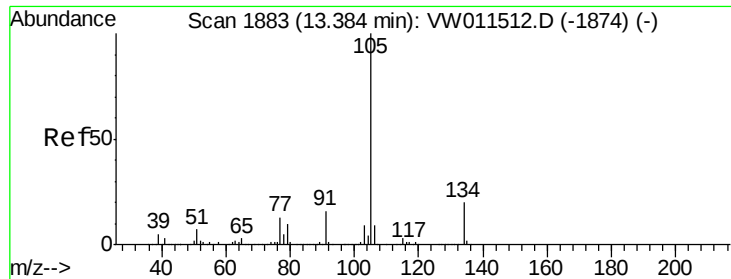
Tgt Ion:119 Resp: 172501
Ion Ratio Lower Upper
119 100
91 68.4 34.5 103.6
134 24.0 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.055 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011783.D
Acq: 08 Aug 2019 22:03

Tgt Ion:105 Resp: 203977
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5

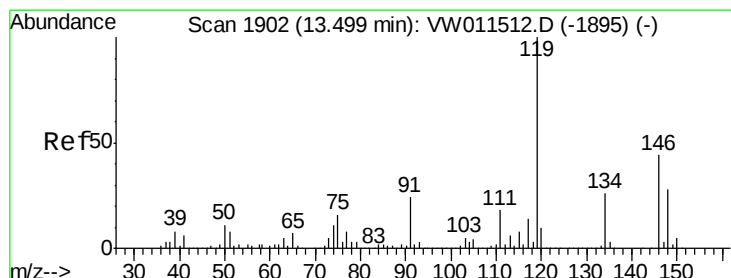
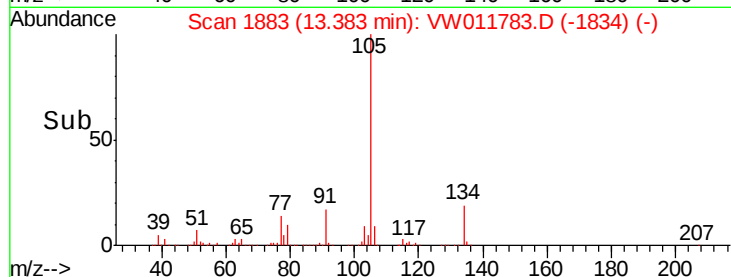
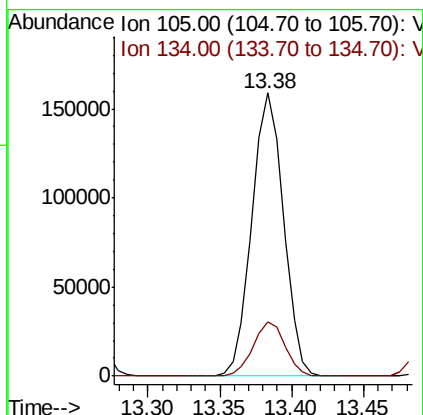
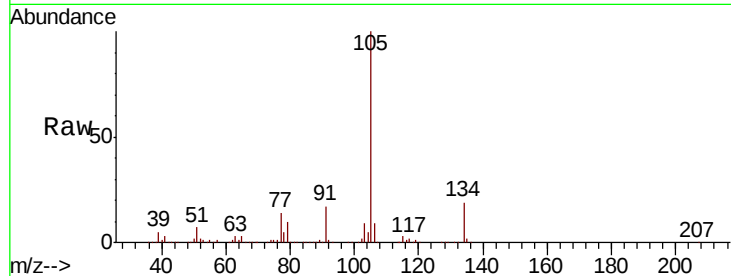




#85
 sec-Butylbenzene
 Concen: 18.995 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

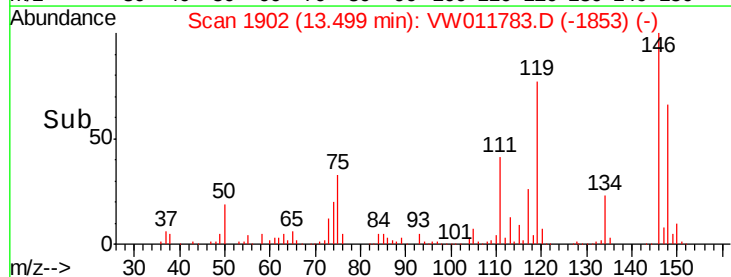
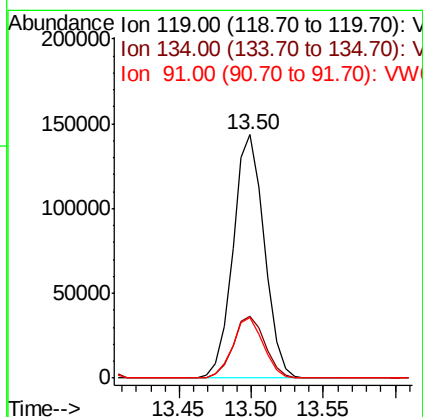
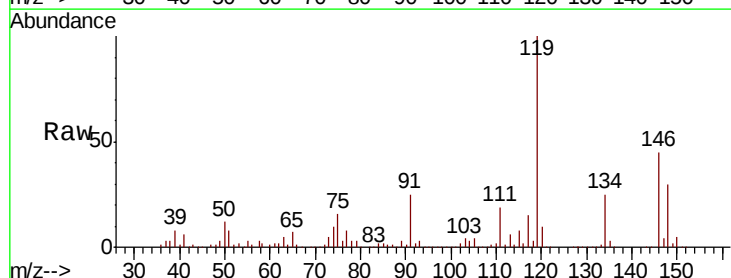
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

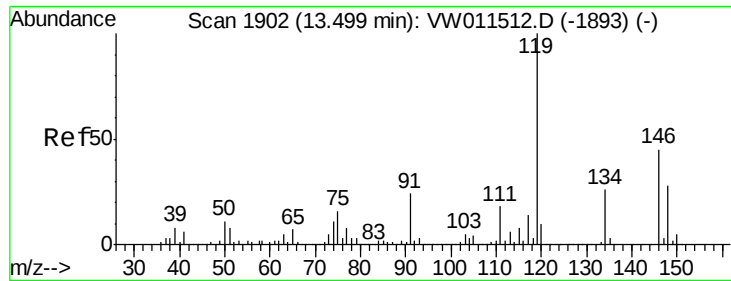
Tgt Ion:105 Resp: 240851
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 18.766 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion:119 Resp: 215897
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 24.6 12.1 36.3

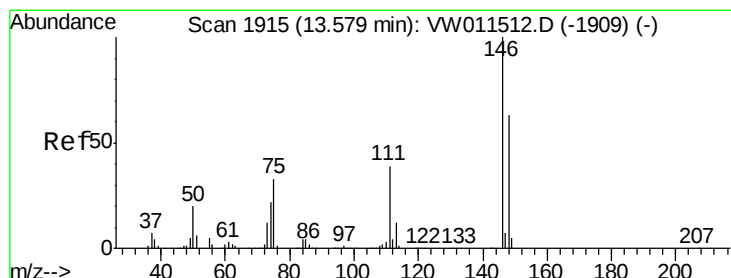
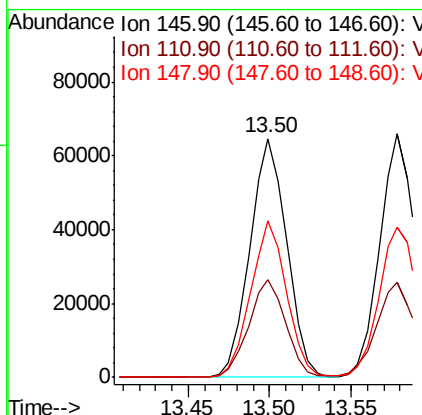
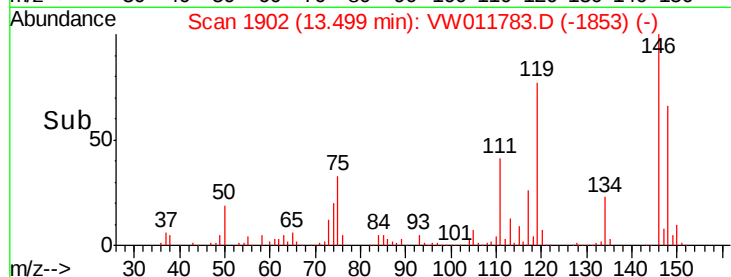
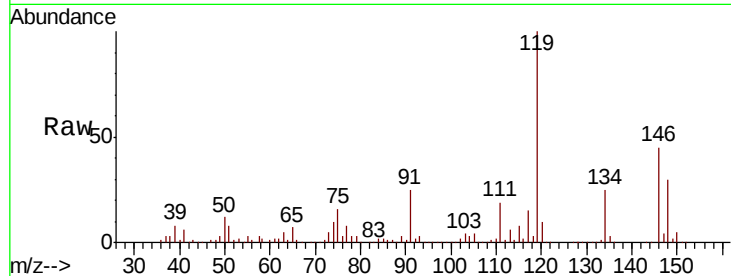




#87
 1,3-Dichlorobenzene
 Concen: 18.531 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

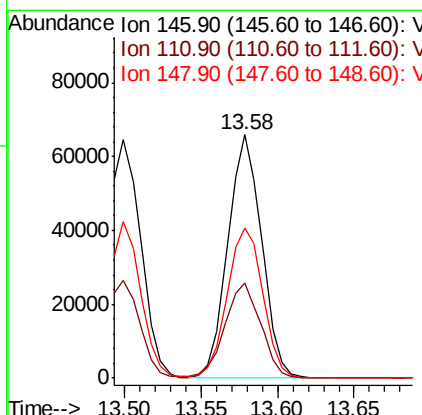
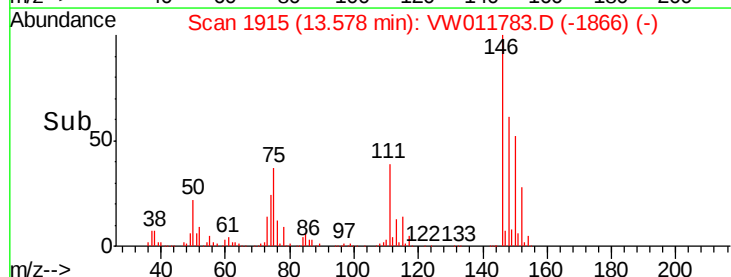
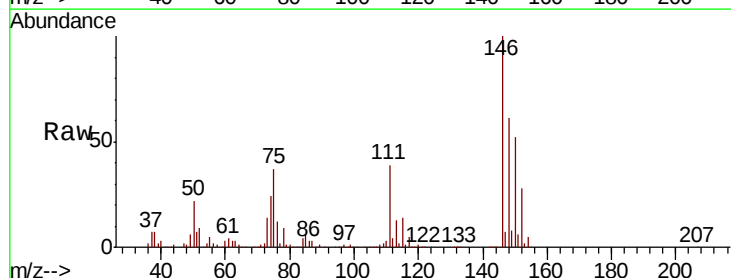
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

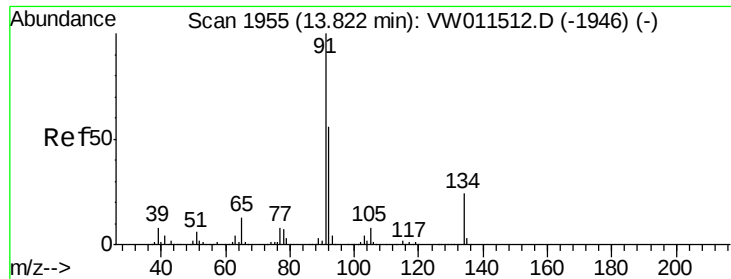
Tgt Ion:146 Resp: 101813
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.449 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion:146 Resp: 100833
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.1 60.2
 148 65.2 31.9 95.9





#89

n-Butylbenzene

Concen: 18.212 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

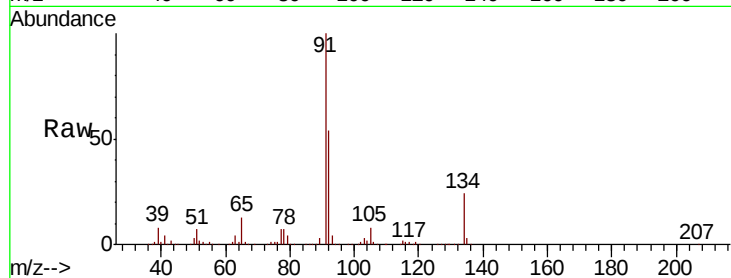
Tgt Ion: 91 Resp: 209092

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.4

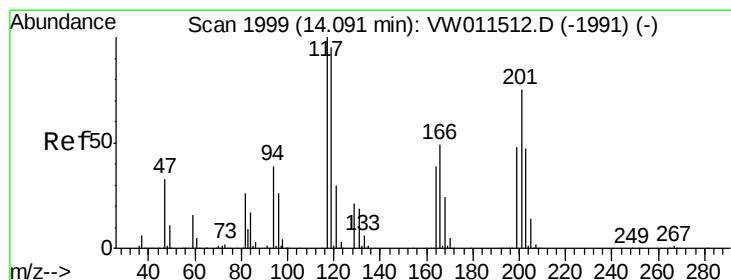
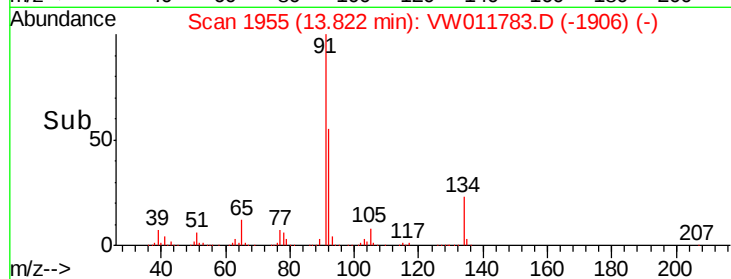
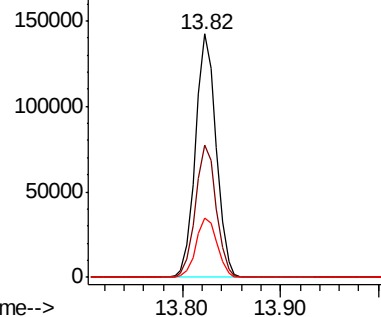
134 24.8 12.2 36.6



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: 18.598 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011783.D

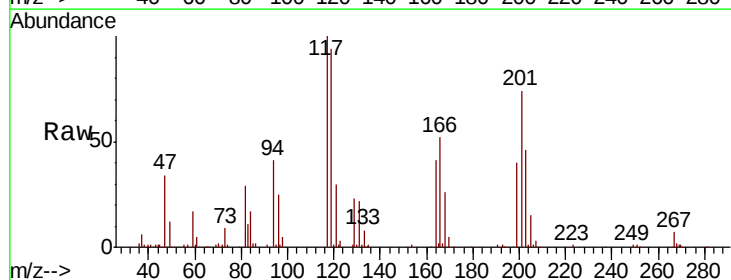
Acq: 08 Aug 2019 22:03

Tgt Ion: 117 Resp: 37834

Ion Ratio Lower Upper

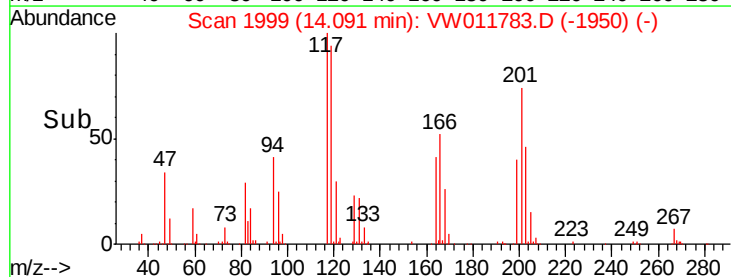
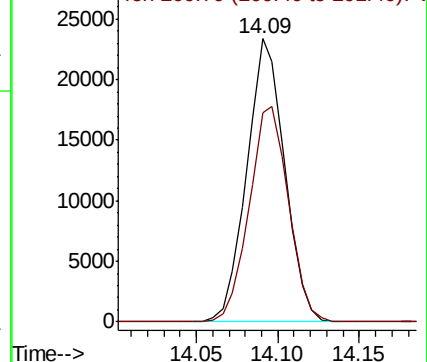
117 100

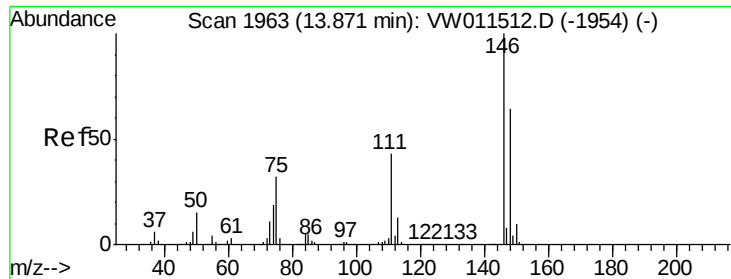
201 79.0 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

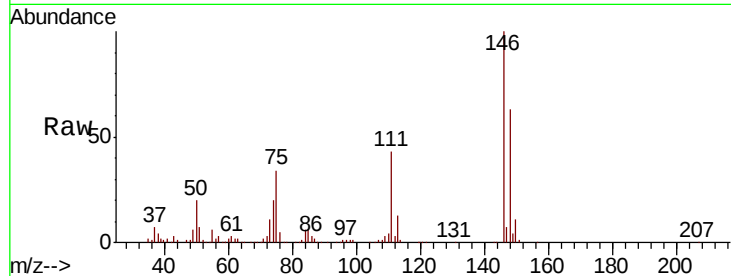




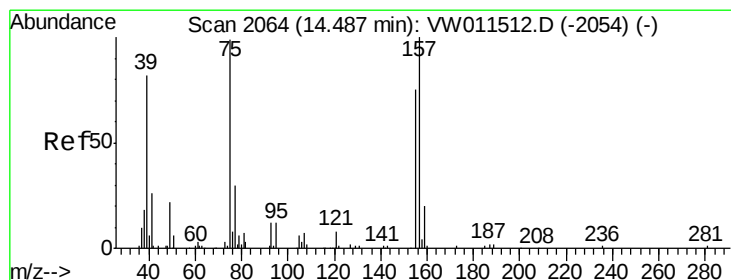
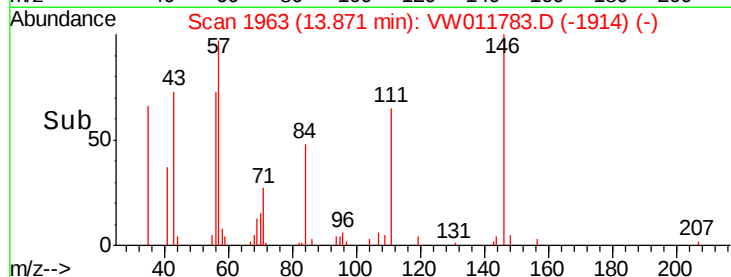
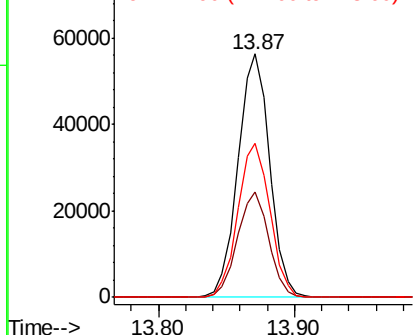
#91
 1,2-Dichlorobenzene
 Concen: 18.800 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Tgt Ion:146 Resp: 91354
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.6 65.0
 148 64.2 32.0 96.2

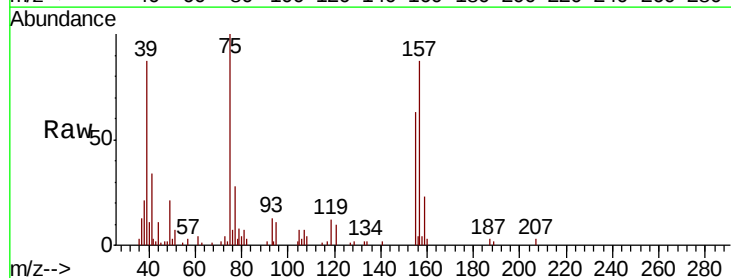


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

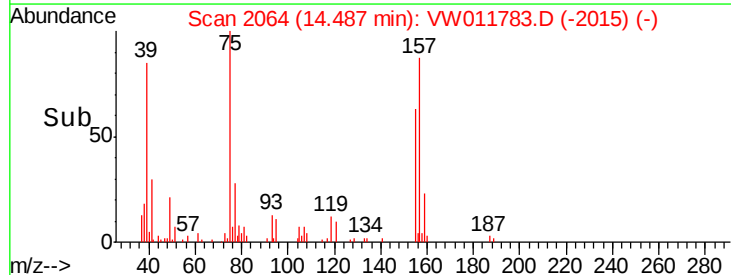
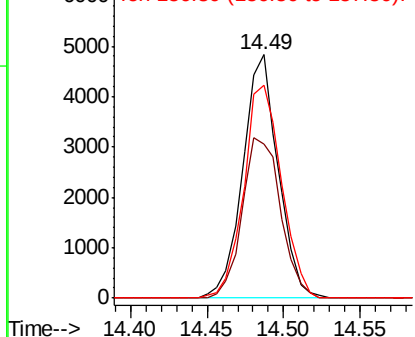


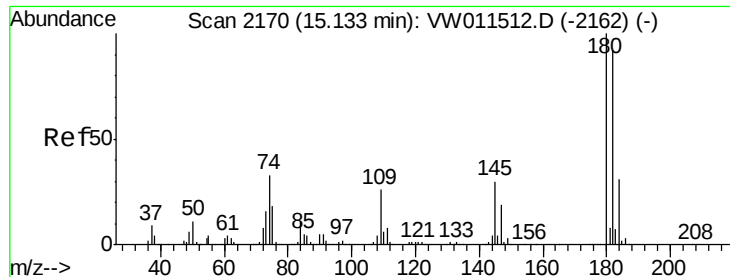
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.084 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion: 75 Resp: 7760
 Ion Ratio Lower Upper
 75 100
 155 71.6 38.2 114.6
 157 93.3 48.9 146.7



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

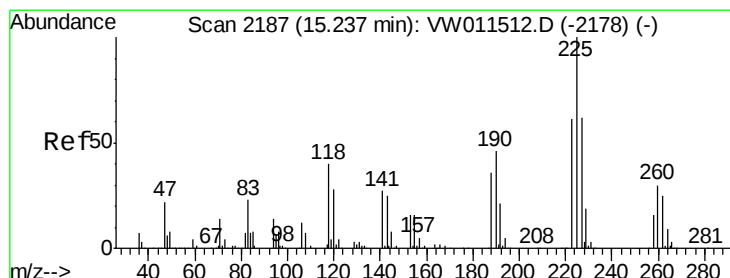
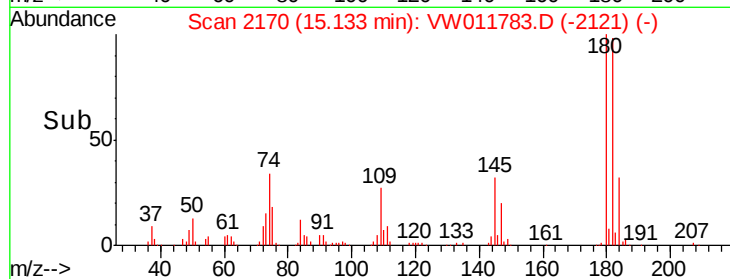
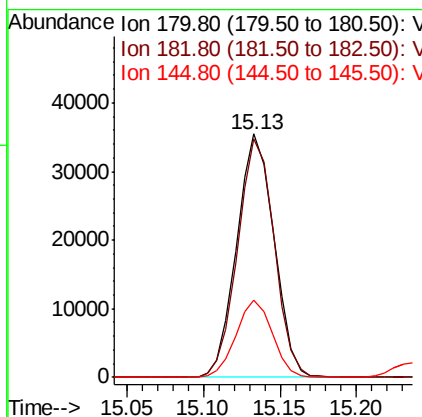
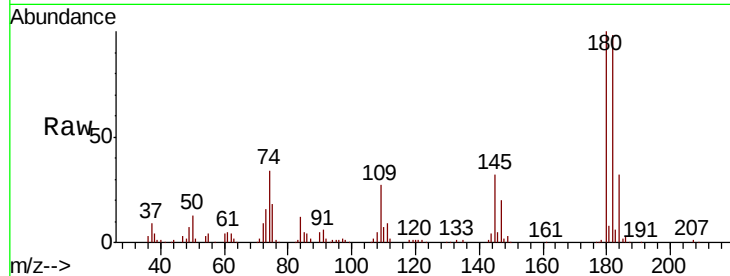




#93
 1,2,4-Trichlorobenzene
 Concen: 17.548 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

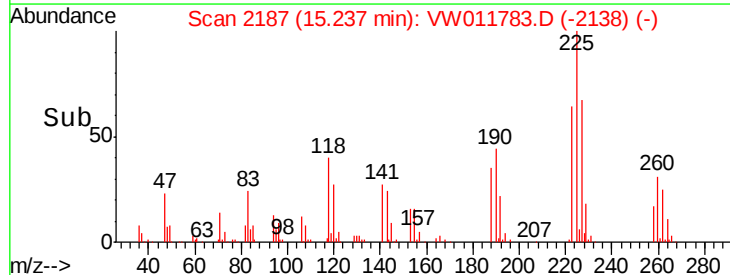
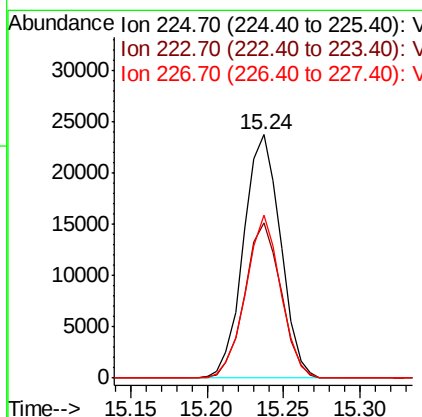
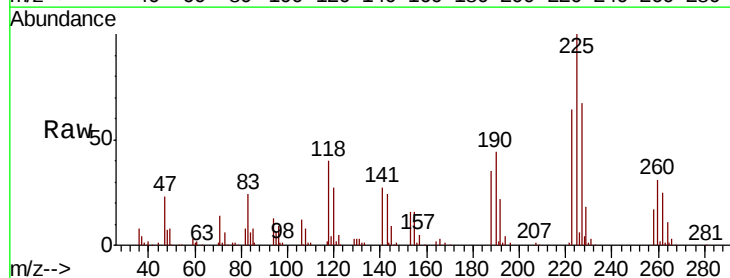
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

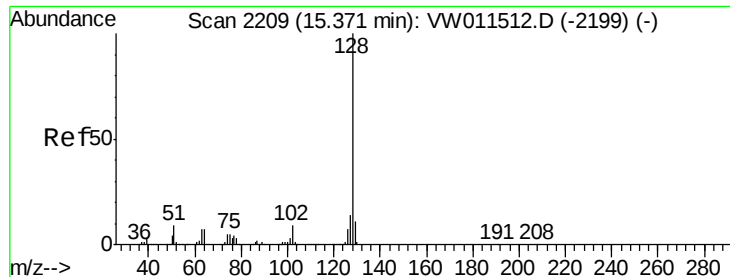
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.2
145	30.9	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 18.788 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011783.D
 Acq: 08 Aug 2019 22:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.8	92.3
227	63.2	31.6	94.7





#95

Naphthalene

Concen: 17.866 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBSD01

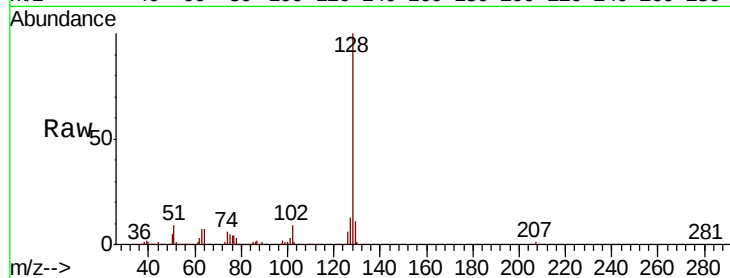
Tgt Ion:128 Resp: 110566

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.6 13.0

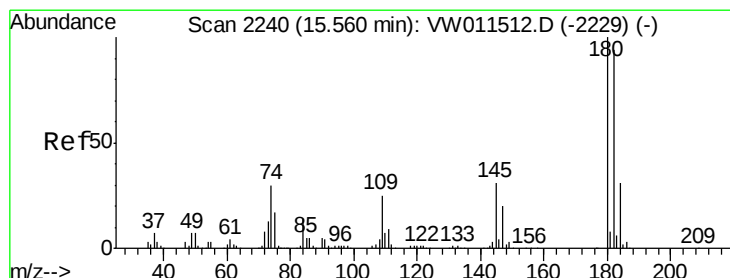
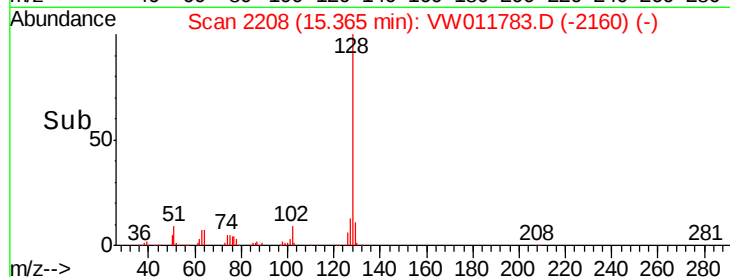
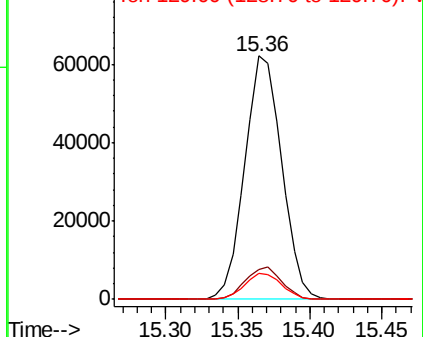


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.779 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW011783.D

Acq: 08 Aug 2019 22:03

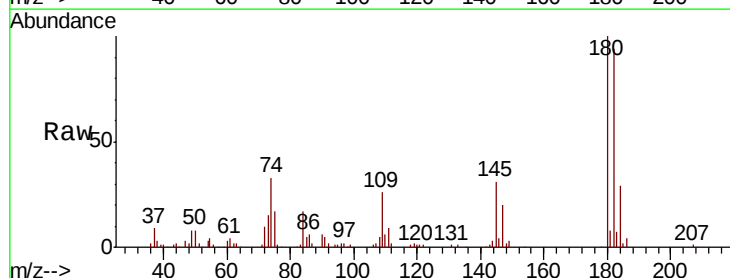
Tgt Ion:180 Resp: 53371

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.2

145 31.4 15.9 47.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

