

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
 Data File : VW012612.D
 Acq On : 05 Sep 2019 02:15
 Operator : SY/VA
 Sample : VW0904SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Quant Time: Sep 05 07:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	141814	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	143785	62.05	ug/l	0.00
Spiked Amount			Recovery	=	124.10%	
35) Dibromofluoromethane	7.88	113	108718	56.85	ug/l	0.00
Spiked Amount			Recovery	=	113.70%	
50) Toluene-d8	10.32	98	408752	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.62	95	152161	55.67	ug/l	0.00
Spiked Amount			Recovery	=	111.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	18994	15.825	ug/l	95
3) Chloromethane	2.21	50	28726	15.448	ug/l	99
4) Vinyl Chloride	2.36	62	32432	14.250	ug/l	93
5) Bromomethane	2.77	94	19792	17.171	ug/l	98
6) Chloroethane	2.92	64	20968	16.331	ug/l	99
7) Trichlorofluoromethane	3.25	101	18881	16.521	ug/l	90
8) Diethyl Ether	3.68	74	24193	22.303	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38234	19.682	ug/l	97
10) Methyl Iodide	4.28	142	52916	20.133	ug/l	98
11) Tert butyl alcohol	5.19	59	19924	142.878	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	34682	17.738	ug/l	97
13) Acrolein	3.90	56	8341	63.543	ug/l	99
14) Allyl chloride	4.67	41	77272	18.486	ug/l	98
15) Acrylonitrile	5.37	53	69177	128.660	ug/l	100
16) Acetone	4.12	43	61529	103.877	ug/l	97
17) Carbon Disulfide	4.38	76	81647	13.817	ug/l	99
18) Methyl Acetate	4.67	43	47575	32.428	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	81478	25.769	ug/l	94
20) Methylene Chloride	4.92	84	50347	22.484	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	40596	19.362	ug/l	98
22) Diisopropyl ether	6.31	45	175861	22.698	ug/l	99
23) Vinyl Acetate	6.25	43	521689	109.411	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89592	21.237	ug/l	99
25) 2-Butanone	7.17	43	97905	121.636	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46299	19.390	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	48304	21.563	ug/l	99
28) Bromochloromethane	7.51	49	42617	23.178	ug/l	96
29) Tetrahydrofuran	7.53	42	62681	129.800	ug/l	98
30) Chloroform	7.67	83	90024	23.325	ug/l	98
31) Cyclohexane	7.95	56	68106	16.318	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	67358	22.061	ug/l	98
36) 1,1-Dichloropropene	8.08	75	61384	18.540	ug/l	98
37) Ethyl Acetate	7.25	43	40583	22.368	ug/l	97
38) Carbon Tetrachloride	8.07	117	59122	20.631	ug/l	95

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 Data File : VW012612.D
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 Operator : SY/VA
 Sample : VW0904SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0904SBSD02

Quant Time: Sep 05 07:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62230	16.730	ug/l	93
40) Benzene	8.32	78	182133	20.145	ug/l	99
41) Methacrylonitrile	7.48	41	26665	25.005	ug/l	98
42) 1,2-Dichloroethane	8.40	62	68721	24.253	ug/l	100
43) Isopropyl Acetate	8.42	43	81892	24.367	ug/l	99
44) Trichloroethene	9.09	130	44691	20.334	ug/l	94
45) 1,2-Dichloropropane	9.37	63	51133	21.015	ug/l	99
46) Dibromomethane	9.46	93	25810	23.841	ug/l	96
47) Bromodichloromethane	9.64	83	66120	22.948	ug/l	96
48) Methyl methacrylate	9.43	41	38583	24.121	ug/l	96
49) 1,4-Dioxane	9.46	88	8831	532.848	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	220449	128.963	ug/l	99
52) Toluene	10.38	92	112289	20.675	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	65881	22.447	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74927	21.144	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	36366	23.742	ug/l	97
56) Ethyl methacrylate	10.65	69	53031	23.788	ug/l	99
57) 1,3-Dichloropropane	10.93	76	69383	23.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	135514	118.444	ug/l	99
59) 2-Hexanone	10.97	43	150709	124.603	ug/l	98
60) Dibromochloromethane	11.13	129	40800	23.914	ug/l	98
61) 1,2-Dibromoethane	11.23	107	34222	23.982	ug/l	100
64) Tetrachloroethene	10.86	164	39670	21.067	ug/l	99
65) Chlorobenzene	11.66	112	120216	21.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45032	22.570	ug/l	99
67) Ethyl Benzene	11.73	91	220381	20.003	ug/l	99
68) m/p-Xylenes	11.83	106	160851	40.532	ug/l	99
69) o-Xylene	12.16	106	76608	20.857	ug/l	100
70) Styrene	12.18	104	134801	21.203	ug/l	99
71) Bromoform	12.35	173	24652	24.799	ug/l #	99
73) Isopropylbenzene	12.46	105	210961	19.853	ug/l	98
74) N-amyl acetate	12.27	43	71618	22.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	44957	23.077	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58925	42.663	ug/l #	100
77) Bromobenzene	12.75	156	49579	21.566	ug/l	99
78) n-propylbenzene	12.80	91	252293	19.448	ug/l	99
79) 2-Chlorotoluene	12.89	91	150803	20.475	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	182540	20.558	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	12235	19.422	ug/l	88
82) 4-Chlorotoluene	12.99	91	158855	20.599	ug/l	100
83) tert-Butylbenzene	13.21	119	155141	20.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	184229	20.655	ug/l	99
85) sec-Butylbenzene	13.38	105	213944	19.854	ug/l	99
86) p-Isopropyltoluene	13.49	119	194368	20.197	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96112	21.375	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96902	21.704	ug/l	99
89) n-Butylbenzene	13.82	91	181577	18.974	ug/l	100
90) Hexachloroethane	14.09	117	34049	20.166	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	88320	22.390	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7902	24.061	ug/l	98

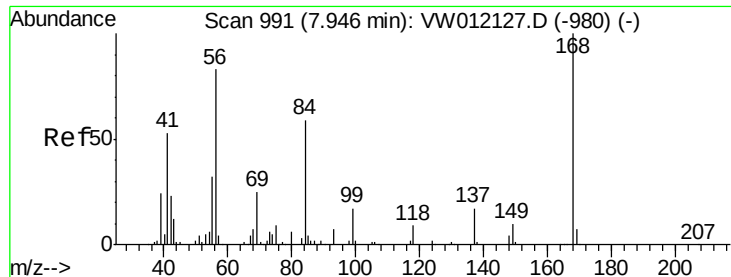
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
Data File : VW012612.D
Acq On : 05 Sep 2019 02:15
Operator : SY/VA
Sample : VW0904SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Quant Time: Sep 05 07:03:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59530	21.838	ug/l	98
94) Hexachlorobutadiene	15.24	225	39395	21.886	ug/l	98
95) Naphthalene	15.36	128	112545	23.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	53745	22.598	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: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

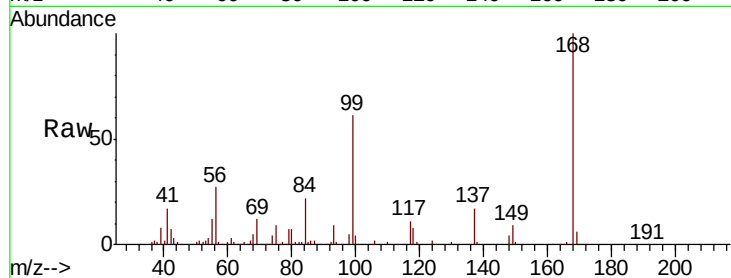
VW0904SBSD02

Tgt Ion:168 Resp: 194926

Ion Ratio Lower Upper

168 100

99 60.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

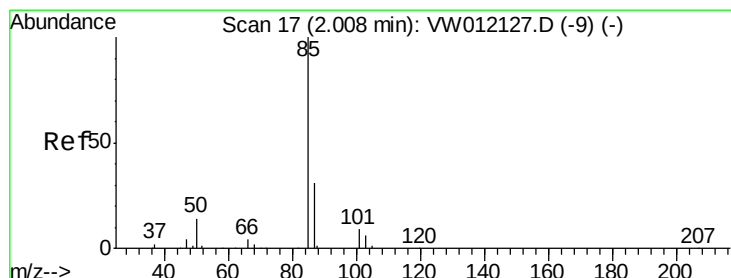
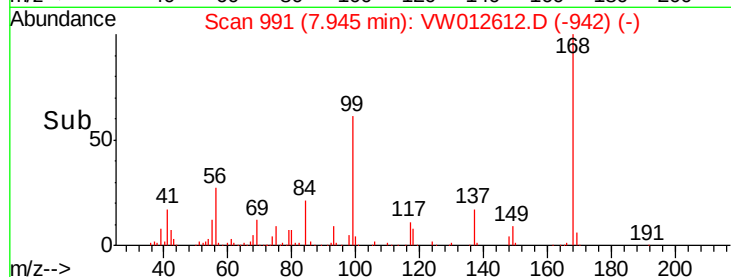
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 15.825 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012612.D

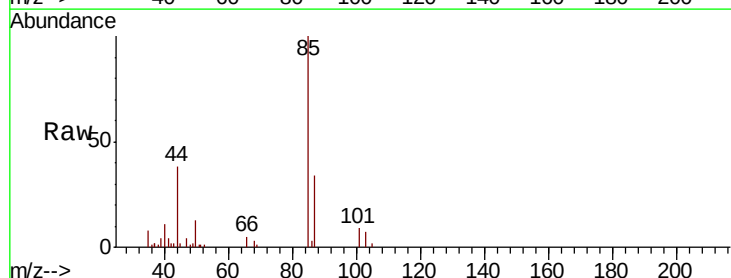
Acq: 05 Sep 2019 02:15

Tgt Ion: 85 Resp: 18994

Ion Ratio Lower Upper

85 100

87 33.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

4000

2000

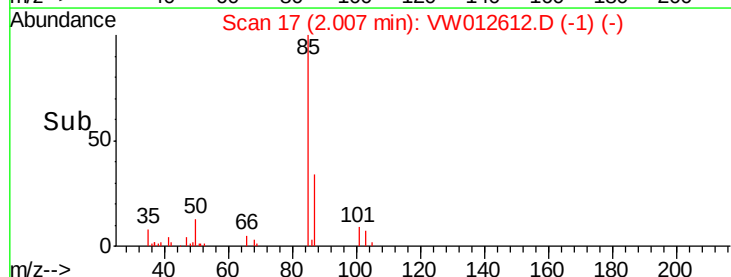
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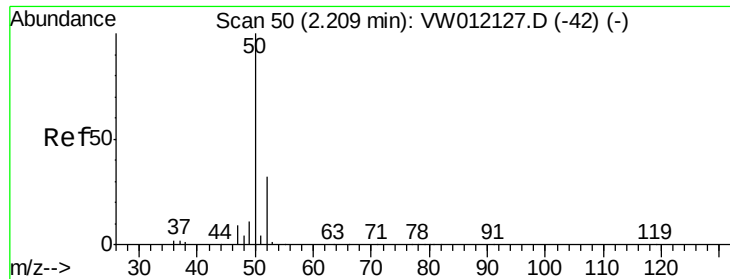
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 15.448 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

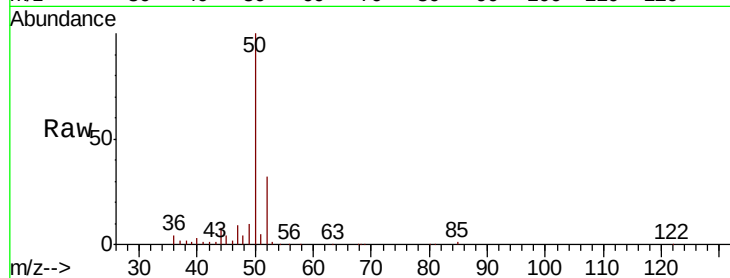
VW0904SBSD02

Tgt Ion: 50 Resp: 28726

Ion Ratio Lower Upper

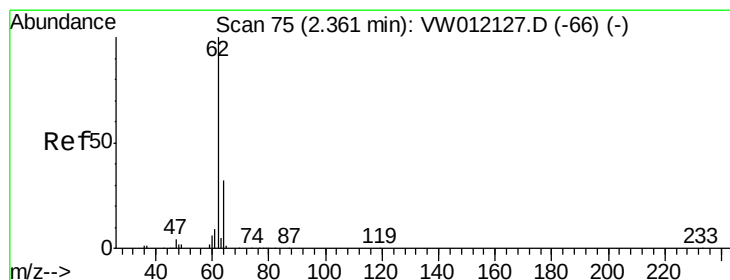
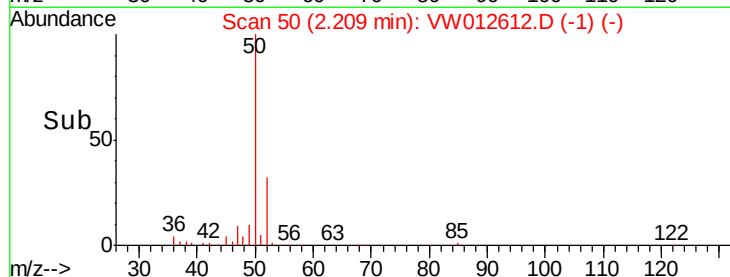
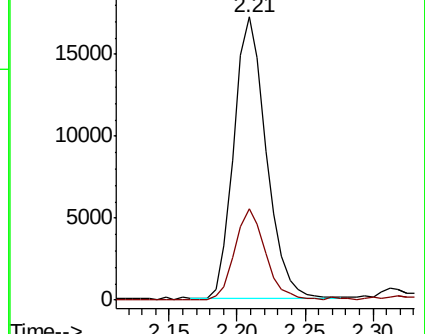
50 100

52 32.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 14.250 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012612.D

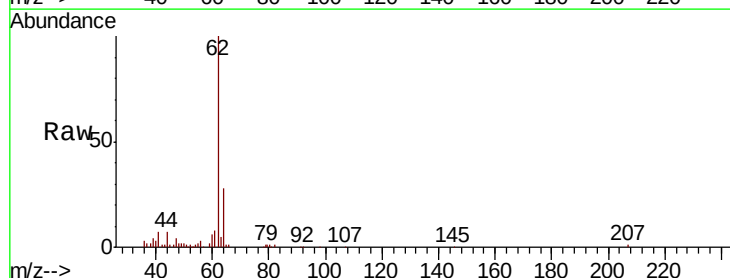
Acq: 05 Sep 2019 02:15

Tgt Ion: 62 Resp: 32432

Ion Ratio Lower Upper

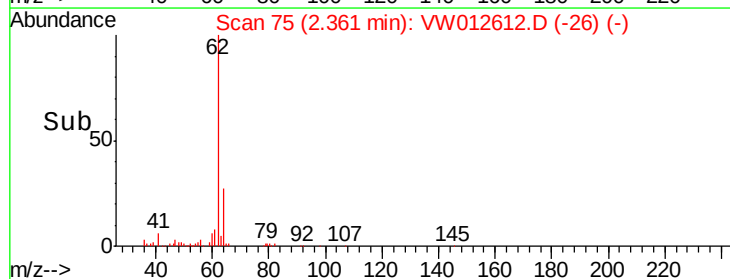
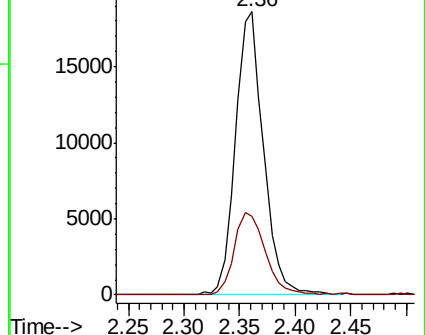
62 100

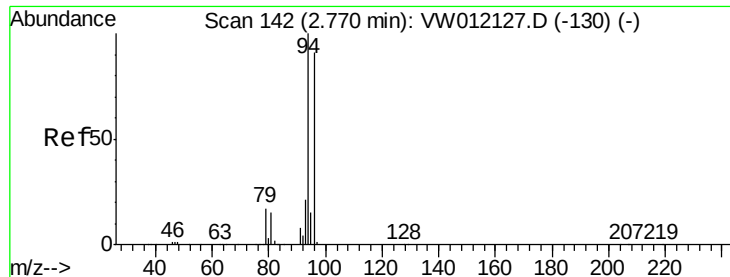
64 27.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 17.171 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

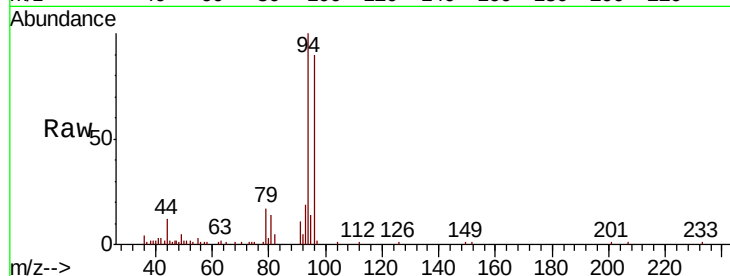
VW0904SBSD02

Tgt Ion: 94 Resp: 19792

Ion Ratio Lower Upper

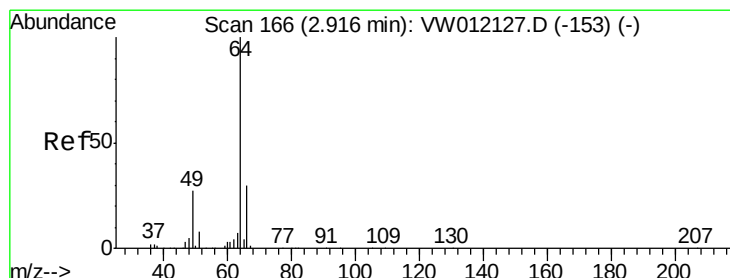
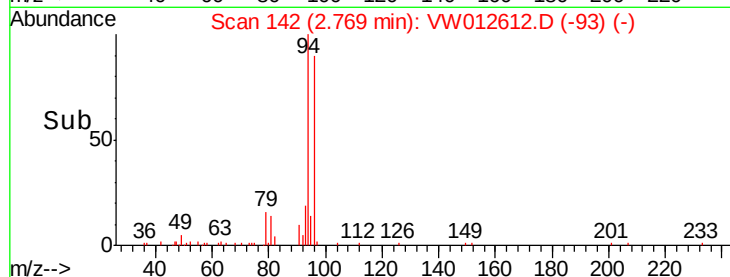
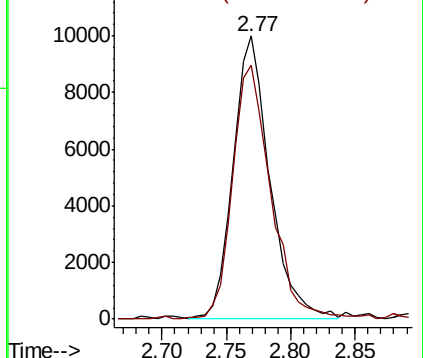
94 100

96 88.9 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 16.331 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012612.D

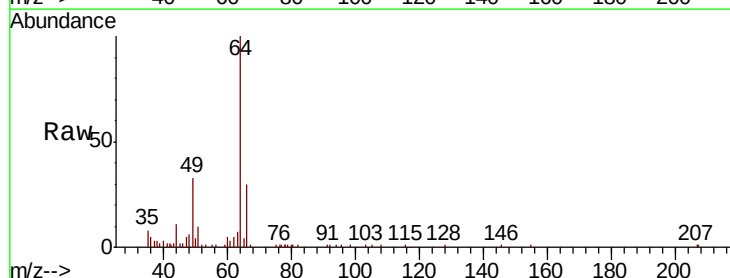
Acq: 05 Sep 2019 02:15

Tgt Ion: 64 Resp: 20968

Ion Ratio Lower Upper

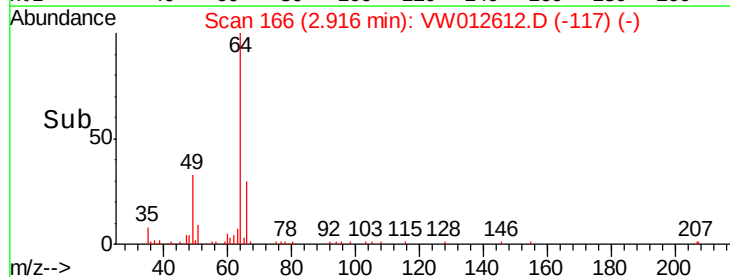
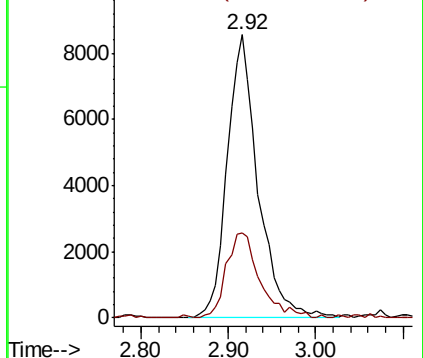
64 100

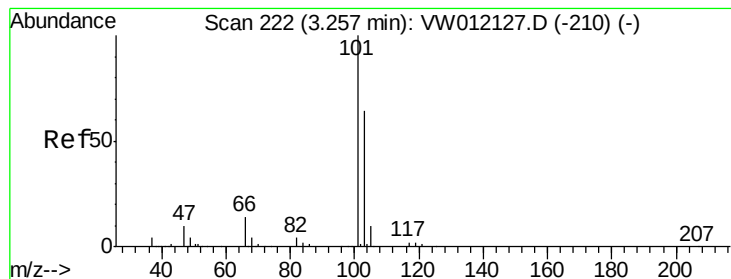
66 29.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



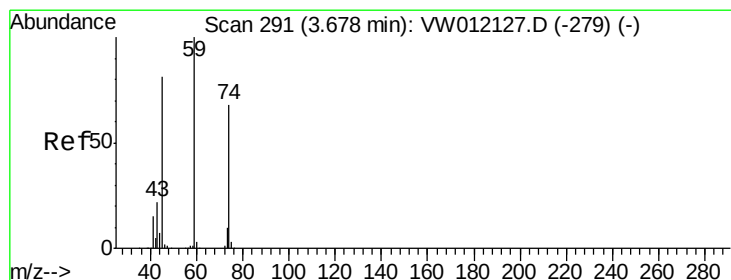
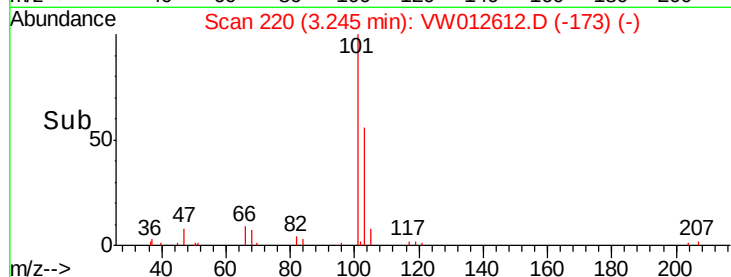
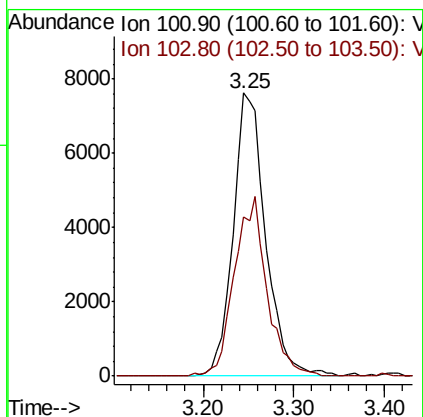
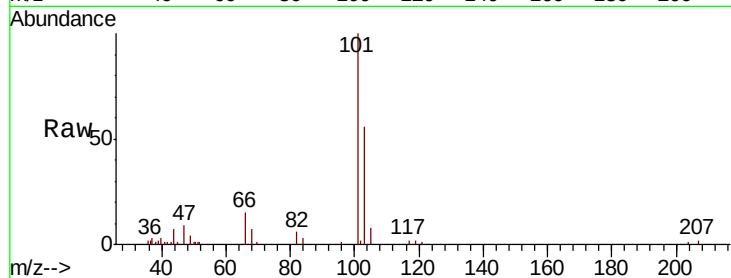


#7

Trichlorofluoromethane
 Concen: 16.521 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

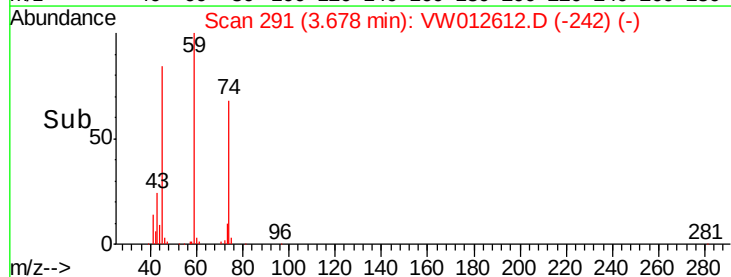
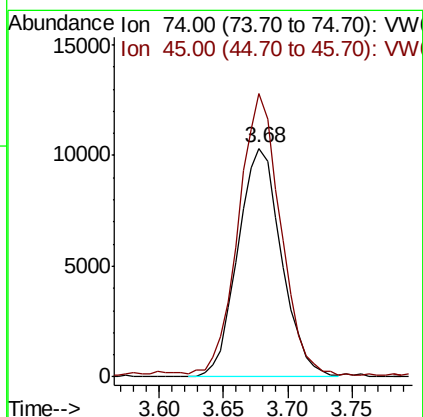
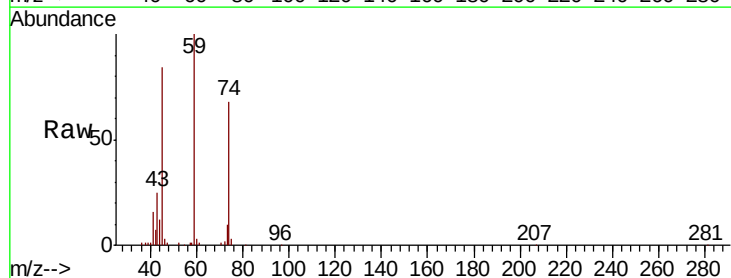
Tgt Ion:101 Resp: 18881
 Ion Ratio Lower Upper
 101 100
 103 56.0 51.2 76.8

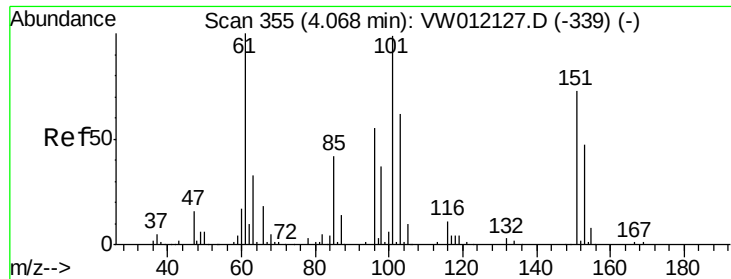


#8

Diethyl Ether
 Concen: 22.303 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion: 74 Resp: 24193
 Ion Ratio Lower Upper
 74 100
 45 119.8 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.682 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

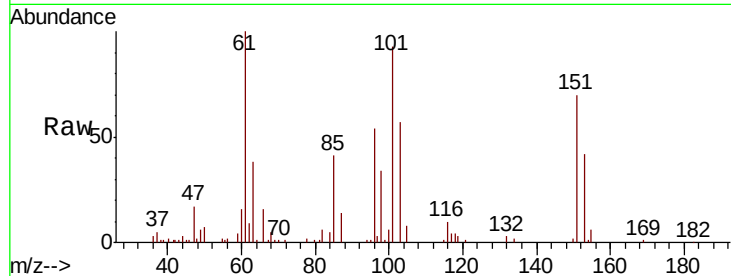
Tgt Ion:101 Resp: 38234

Ion Ratio Lower Upper

101 100

85 45.6 35.8 53.6

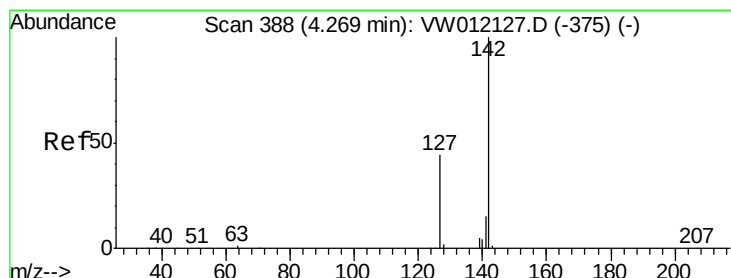
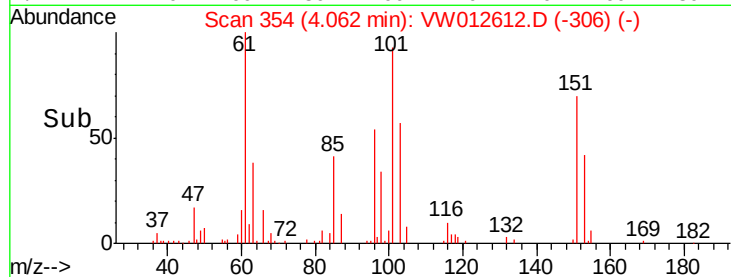
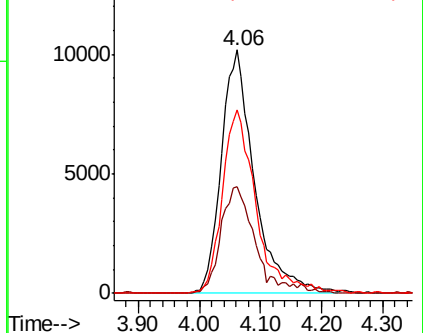
151 76.2 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.133 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

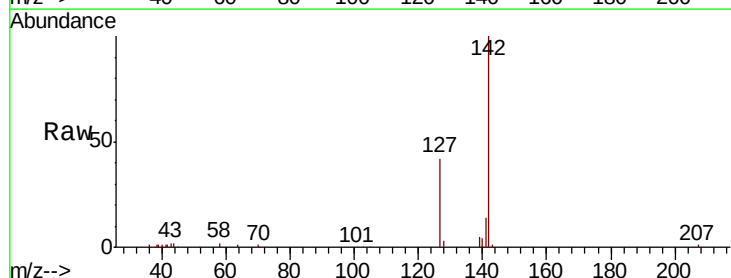
Tgt Ion:142 Resp: 52916

Ion Ratio Lower Upper

142 100

127 45.6 35.5 53.3

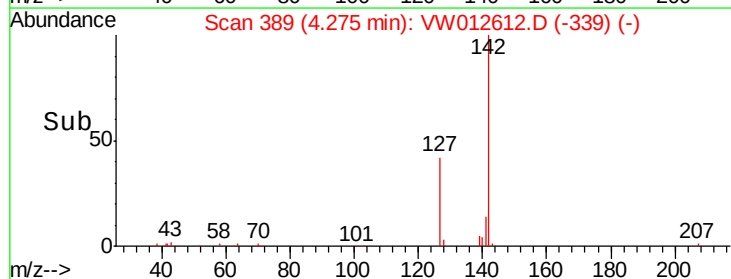
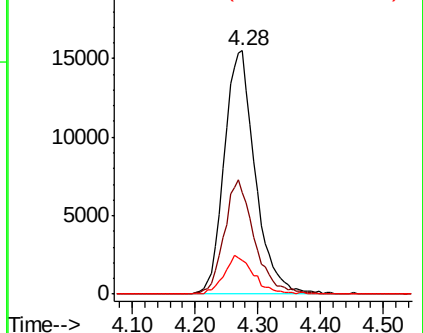
141 15.0 11.8 17.8

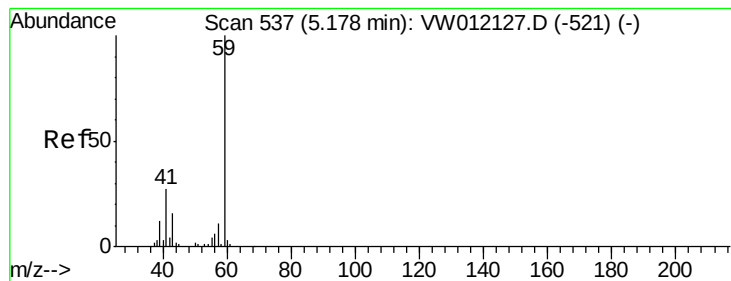


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



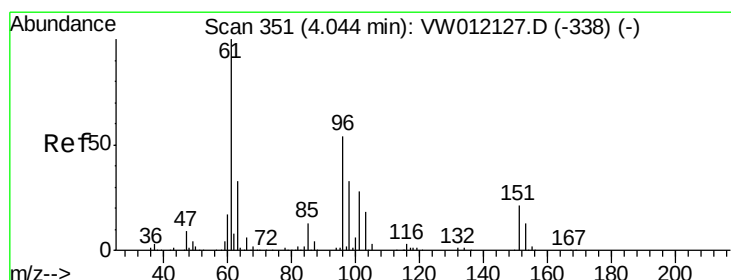
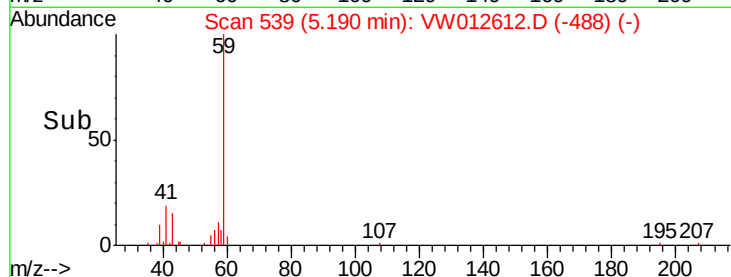
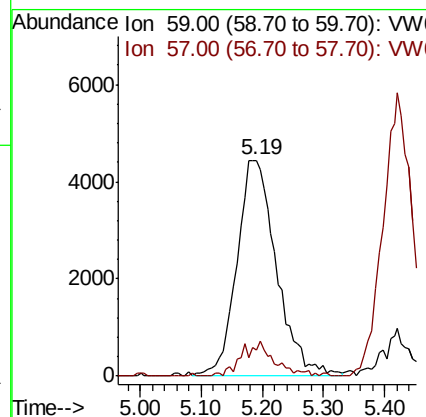
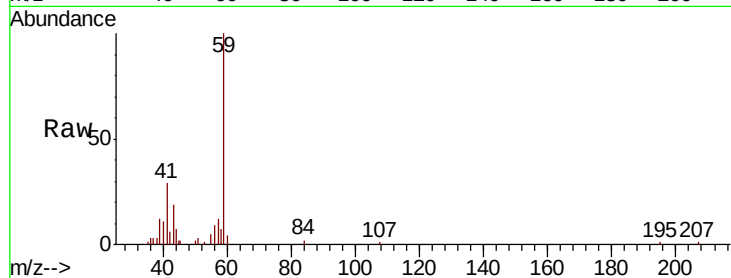


#11

Tert butyl alcohol
 Concen: 142.878 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

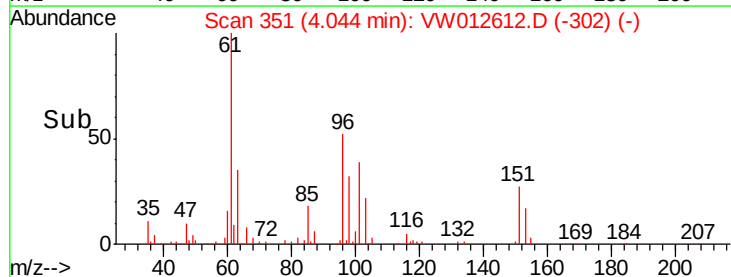
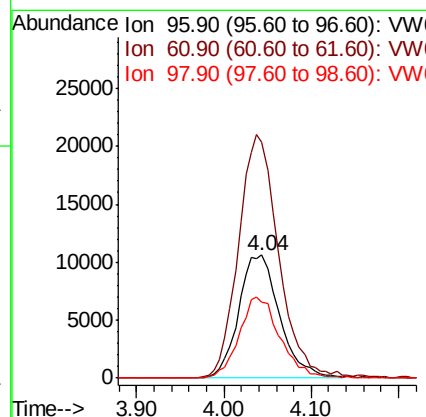
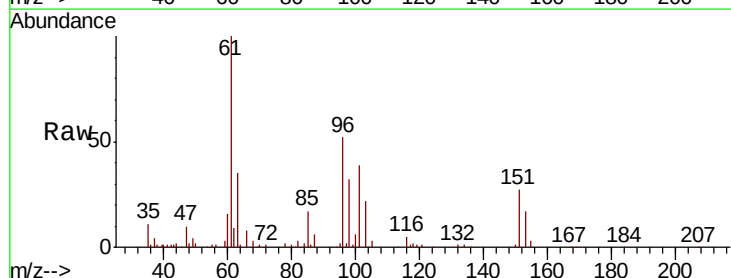
Tgt Ion: 59 Resp: 19924
 Ion Ratio Lower Upper
 59 100
 57 4.6 9.0 13.4#

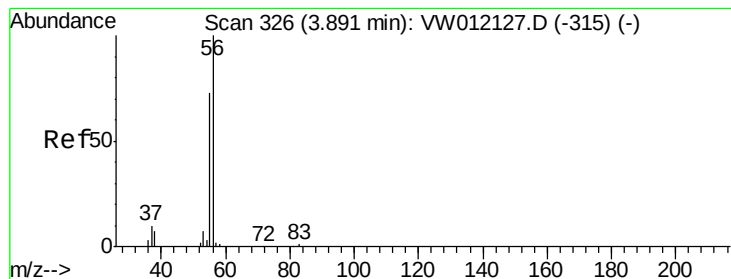


#12

1,1-Dichloroethene
 Concen: 17.738 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion: 96 Resp: 34682
 Ion Ratio Lower Upper
 96 100
 61 191.5 149.1 223.7
 98 61.4 49.4 74.2





#13

Acrolein

Concen: 63.543 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

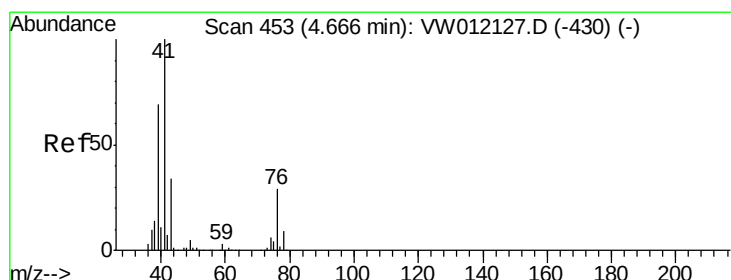
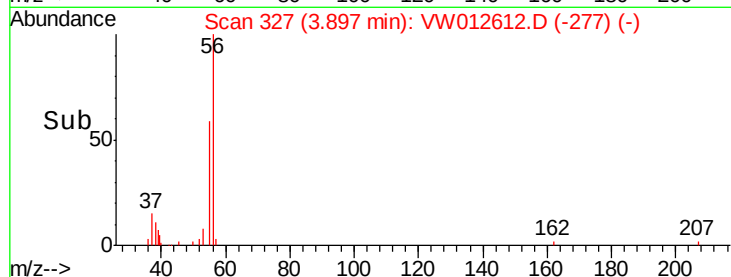
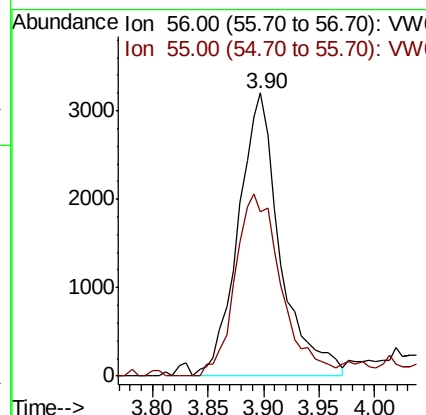
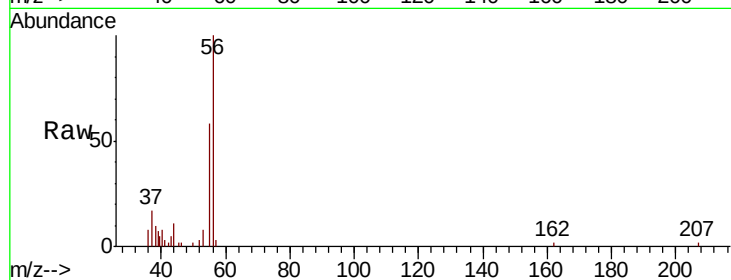
VW0904SBSD02

Tgt Ion: 56 Resp: 8341

Ion Ratio Lower Upper

56 100

55 70.8 55.8 83.8



#14

Allyl chloride

Concen: 18.486 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

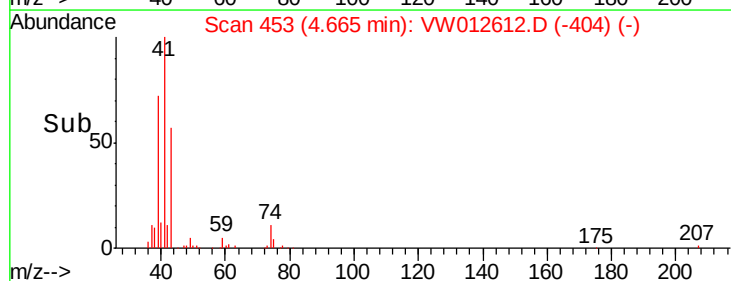
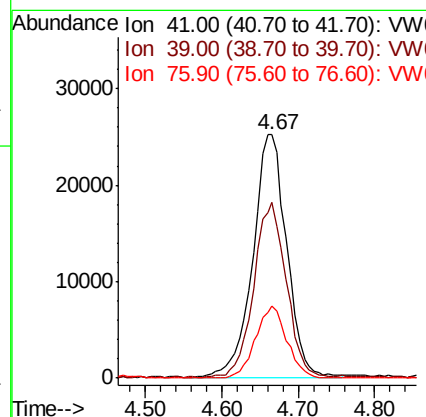
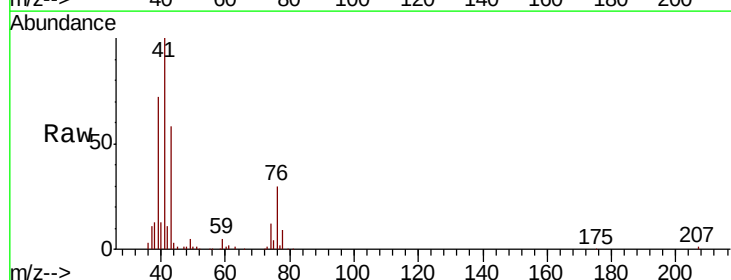
Tgt Ion: 41 Resp: 77272

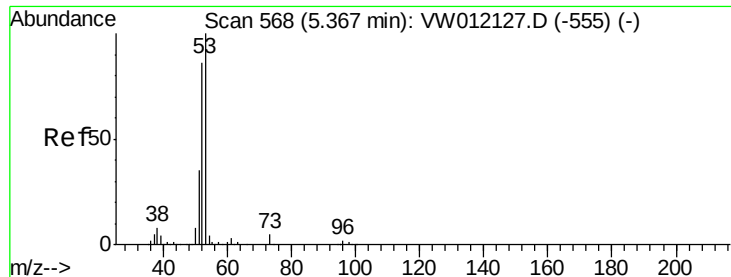
Ion Ratio Lower Upper

41 100

39 69.6 53.4 80.2

76 27.6 22.1 33.1





#15

Acrylonitrile

Concen: 128.660 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

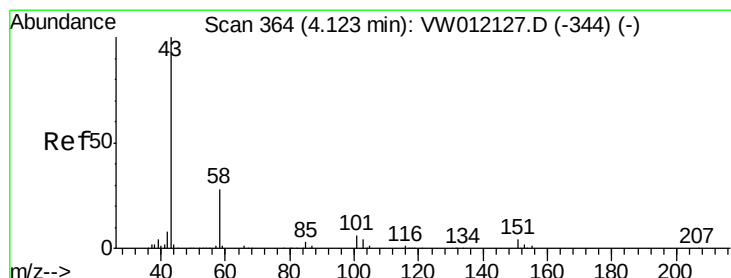
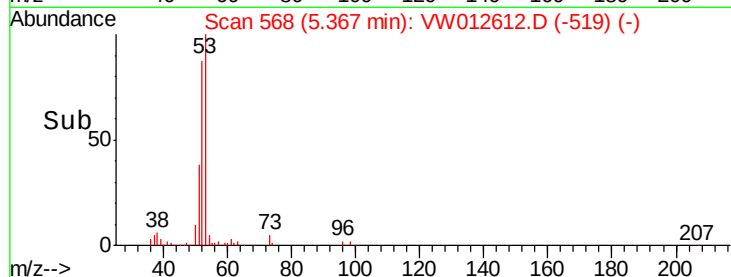
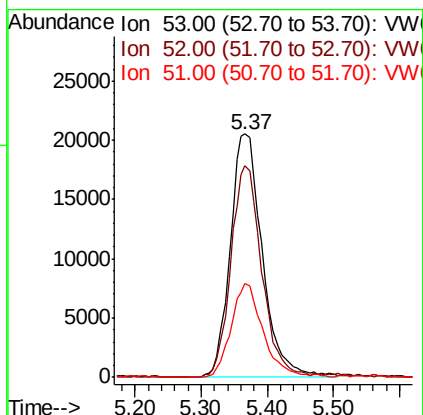
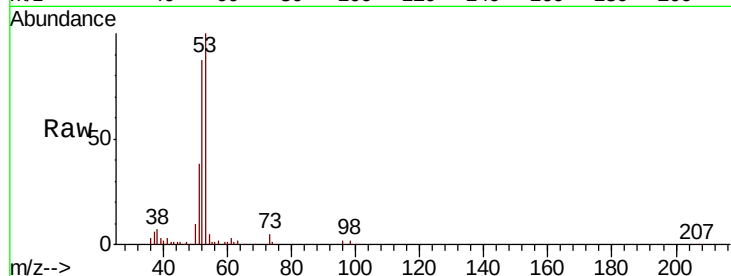
Tgt Ion: 53 Resp: 69177

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

51 38.3 30.1 45.1



#16

Acetone

Concen: 103.877 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012612.D

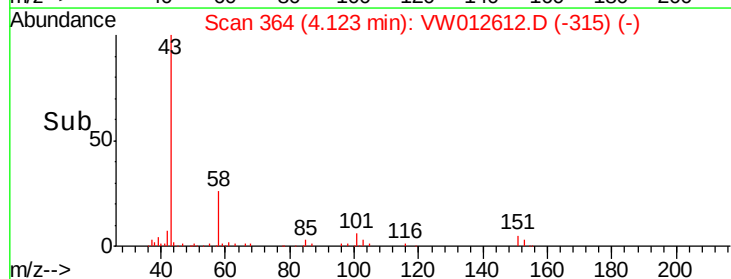
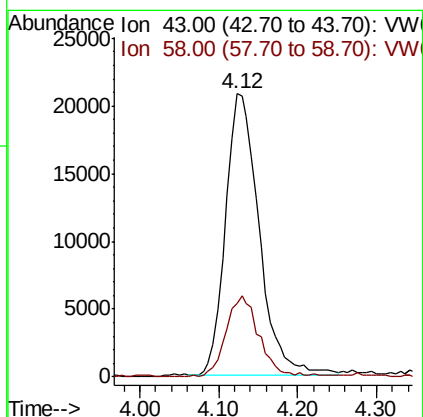
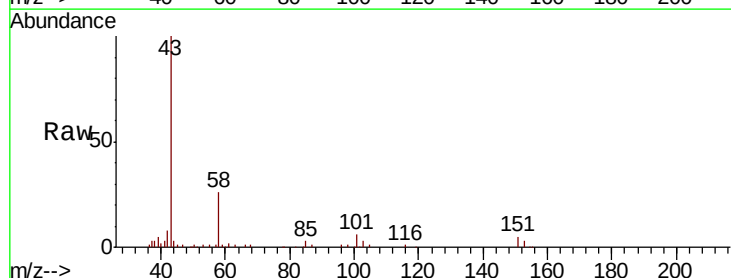
Acq: 05 Sep 2019 02:15

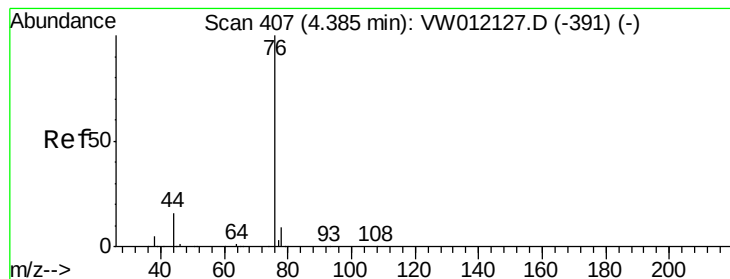
Tgt Ion: 43 Resp: 61529

Ion Ratio Lower Upper

43 100

58 26.3 22.4 33.6





#17

Carbon Disulfide

Concen: 13.817 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

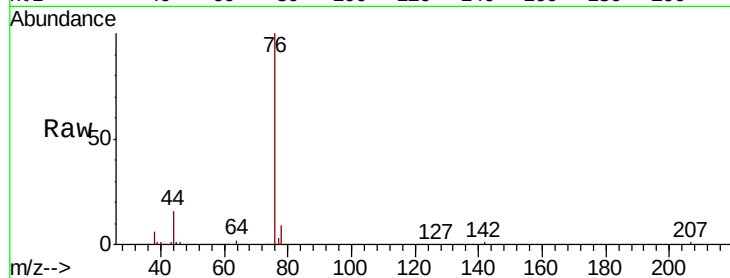
VW0904SBSD02

Tgt Ion: 76 Resp: 81647

Ion Ratio Lower Upper

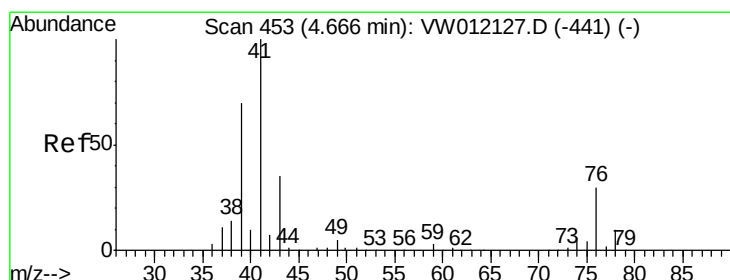
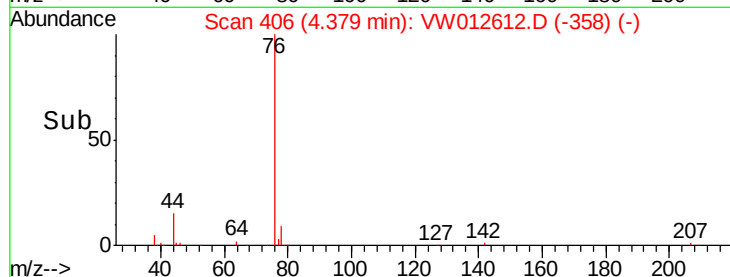
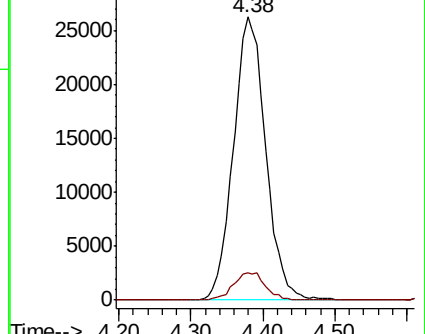
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 32.428 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012612.D

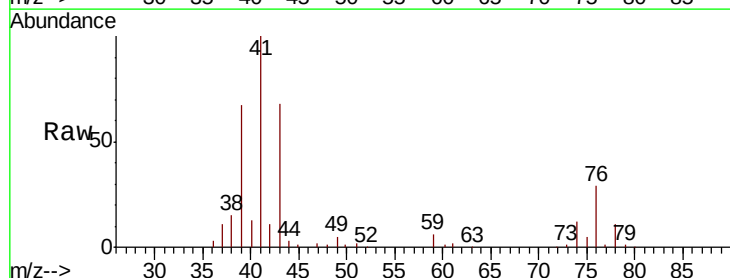
Acq: 05 Sep 2019 02:15

Tgt Ion: 43 Resp: 47575

Ion Ratio Lower Upper

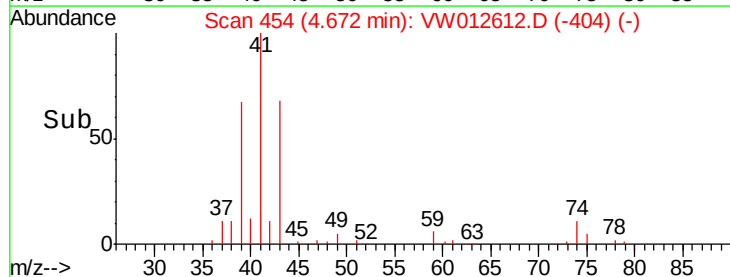
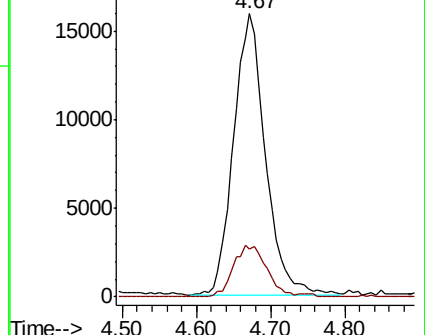
43 100

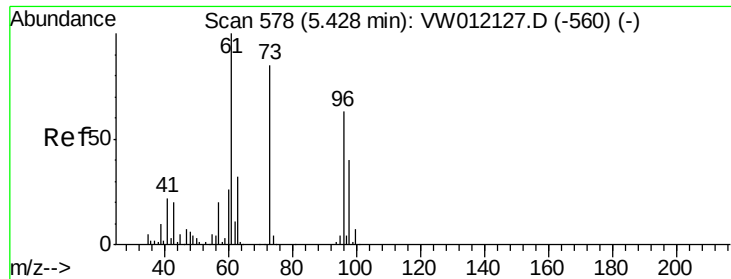
74 19.1 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

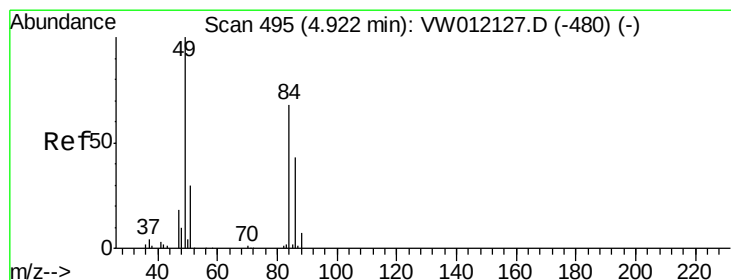
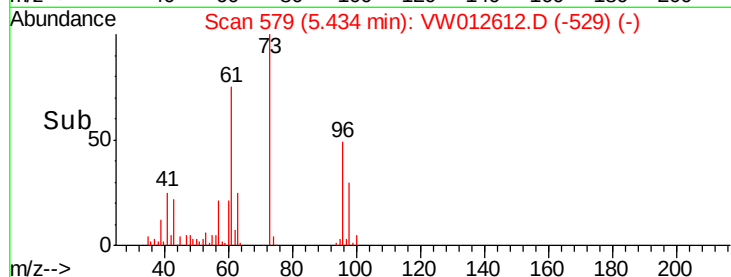
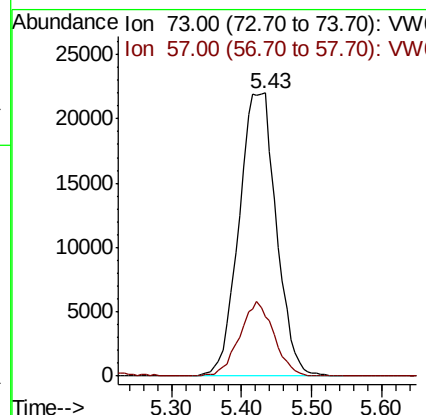
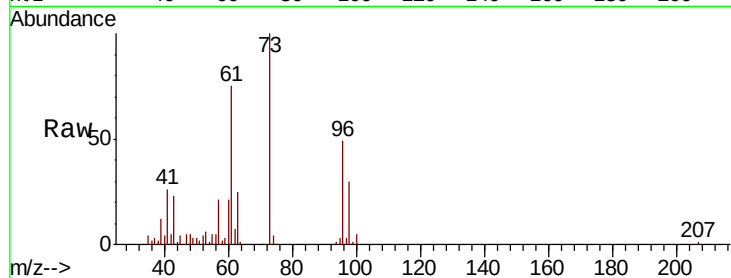




#19
Methyl tert-butyl Ether
Concen: 25.769 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

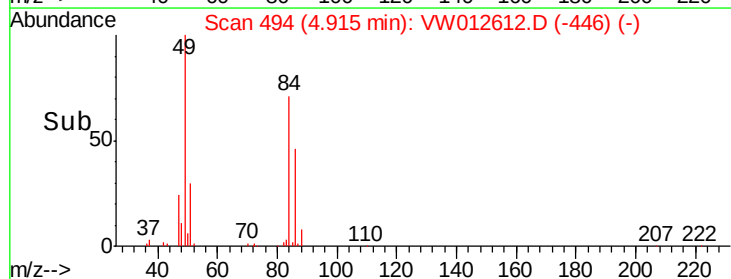
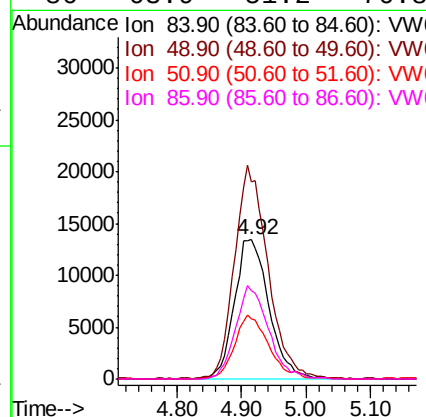
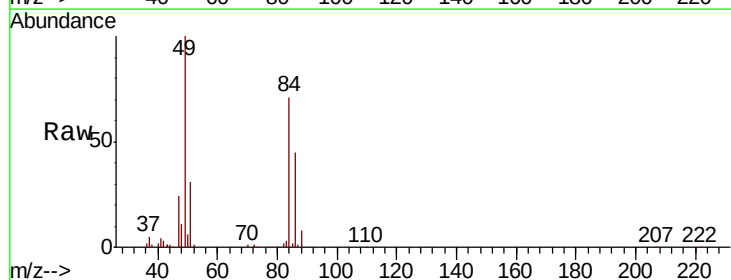
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

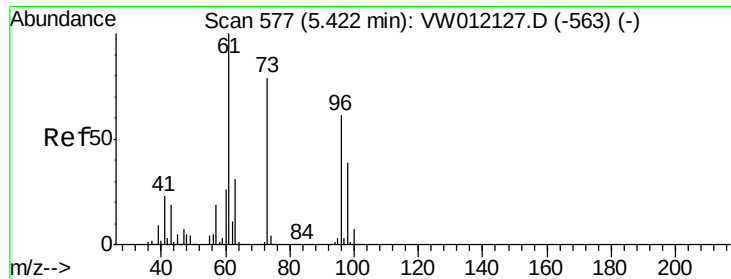
Tgt Ion: 73 Resp: 81478
Ion Ratio Lower Upper
73 100
57 20.8 18.9 28.3



#20
Methylene Chloride
Concen: 22.484 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion: 84 Resp: 50347
Ion Ratio Lower Upper
84 100
49 141.2 117.8 176.8
51 43.3 35.6 53.4
86 63.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.362 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

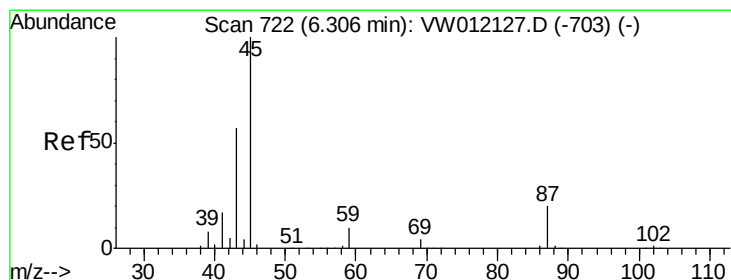
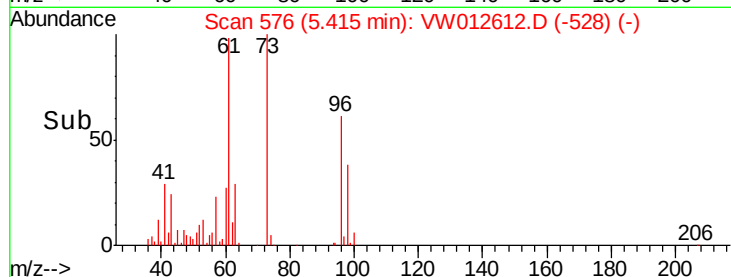
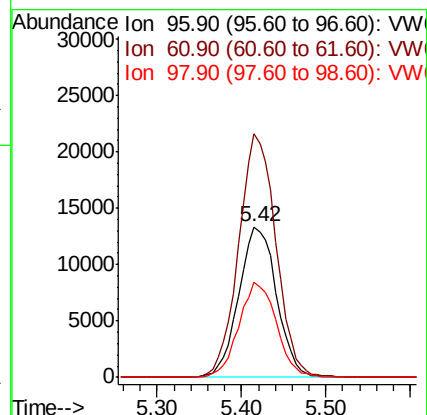
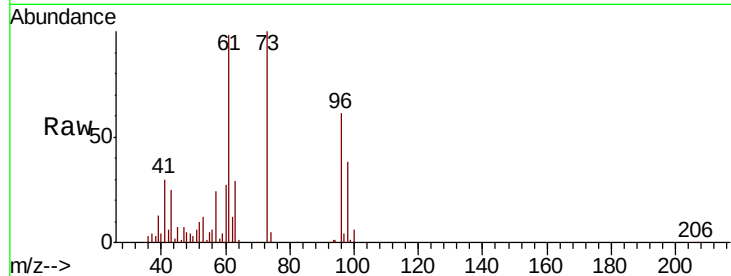
Tgt Ion: 96 Resp: 40596

Ion Ratio Lower Upper

96 100

61 161.8 131.4 197.0

98 62.9 51.4 77.0



#22

Diisopropyl ether

Concen: 22.698 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Tgt Ion: 45 Resp: 175861

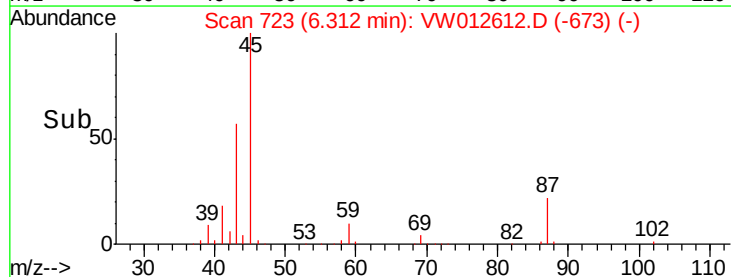
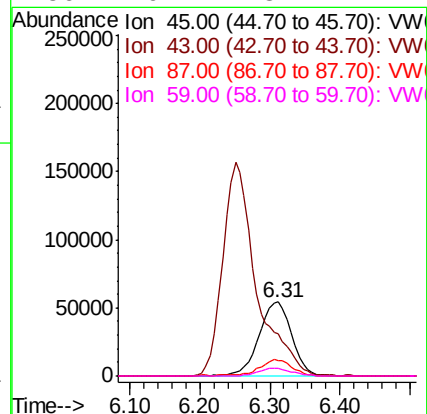
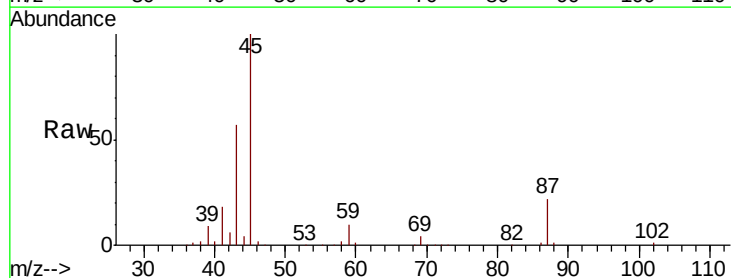
Ion Ratio Lower Upper

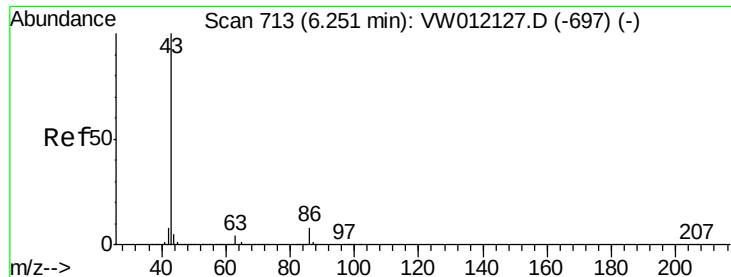
45 100

43 56.4 45.5 68.3

87 21.6 16.1 24.1

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 109.411 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

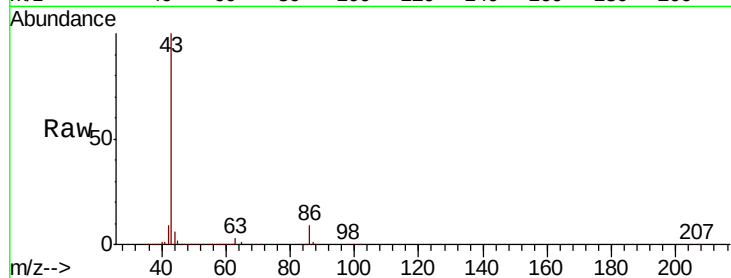
VW0904SBSD02

Tgt Ion: 43 Resp: 521689

Ion Ratio Lower Upper

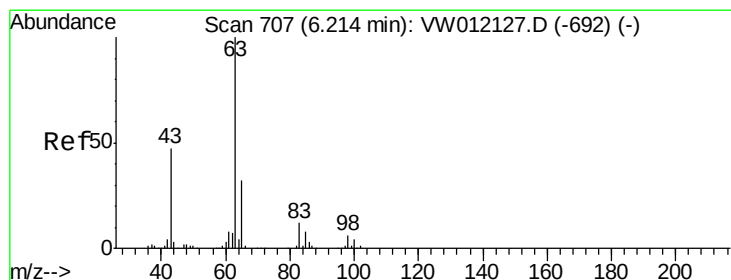
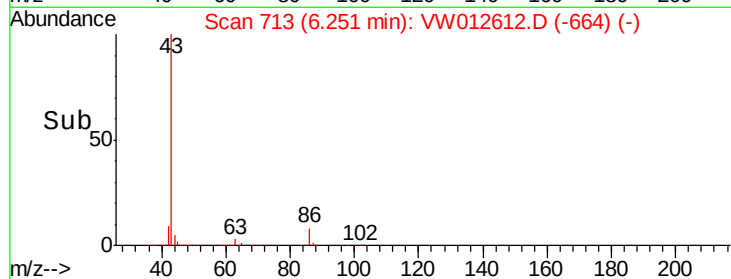
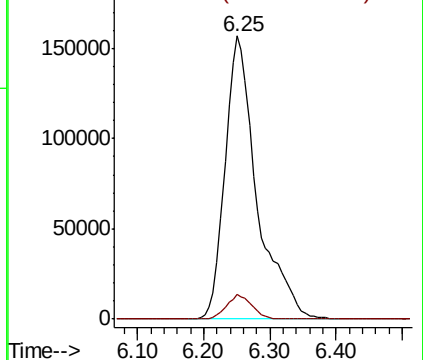
43 100

86 8.6 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.237 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

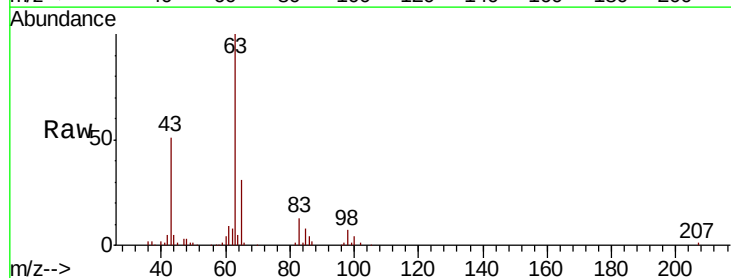
Tgt Ion: 63 Resp: 89592

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

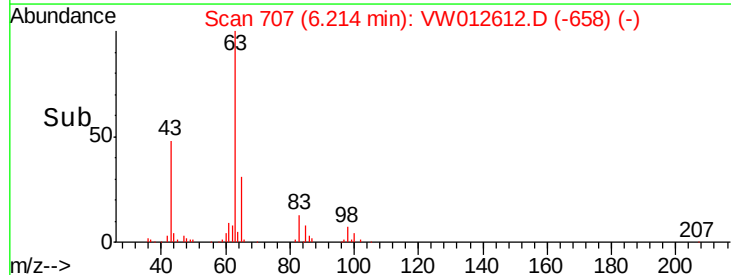
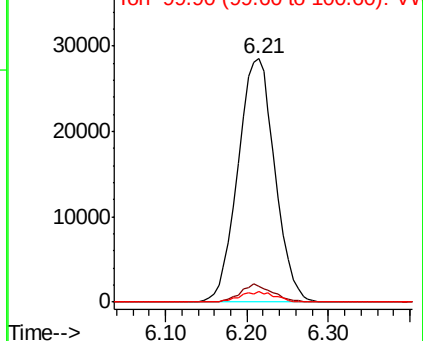
100 4.3 2.0 6.0

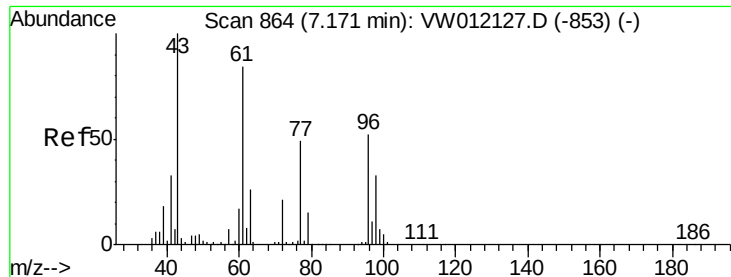


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 121.636 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

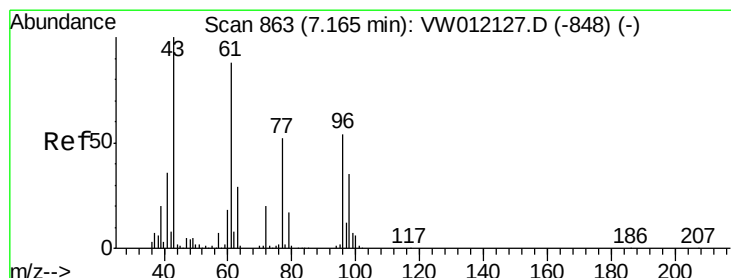
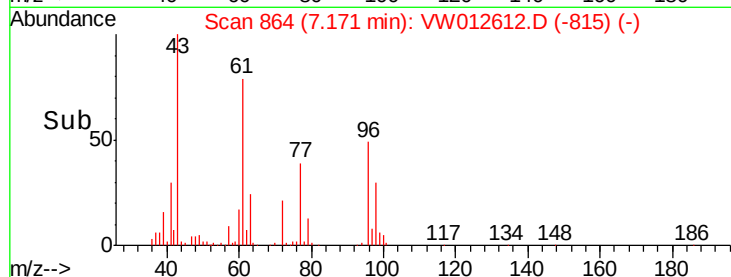
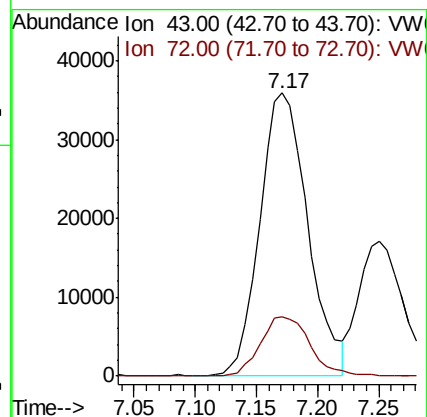
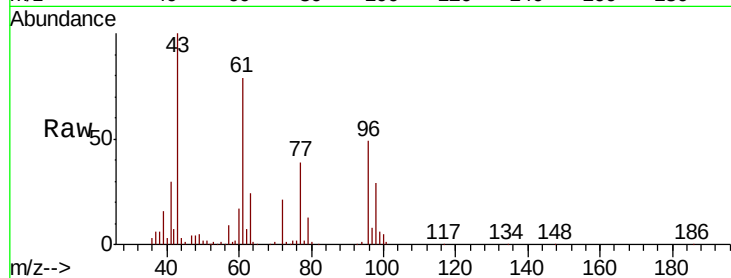
VW0904SBSD02

Tgt Ion: 43 Resp: 97905

Ion Ratio Lower Upper

43 100

72 20.9 16.6 24.8



#26

2,2-Dichloropropane

Concen: 19.390 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012612.D

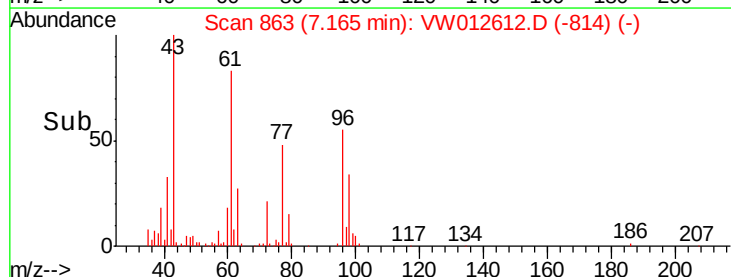
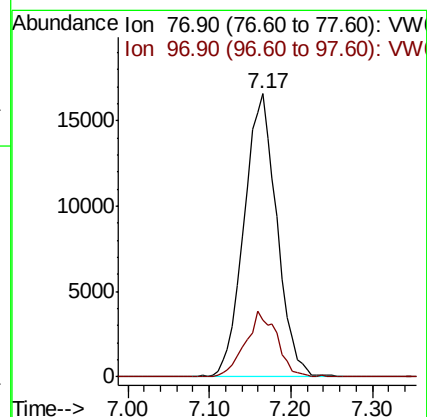
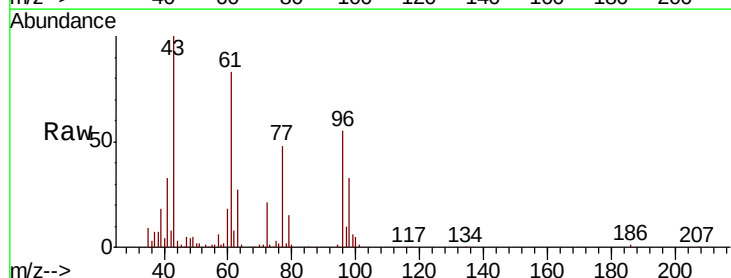
Acq: 05 Sep 2019 02:15

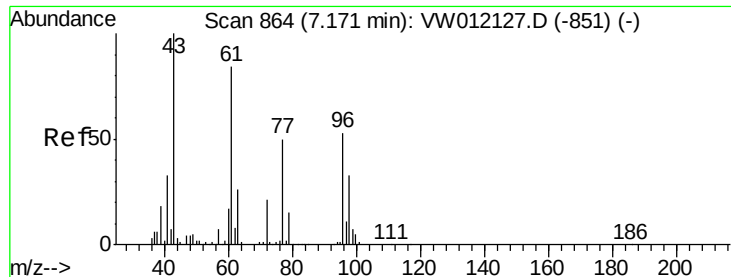
Tgt Ion: 77 Resp: 46299

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1



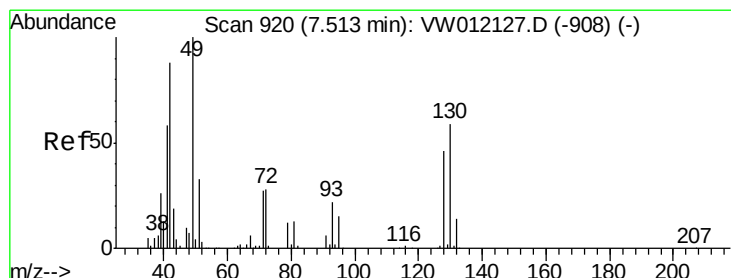
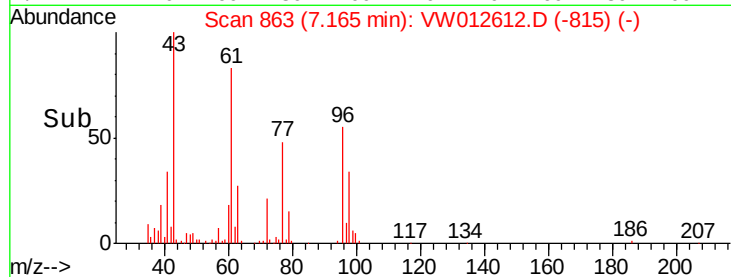
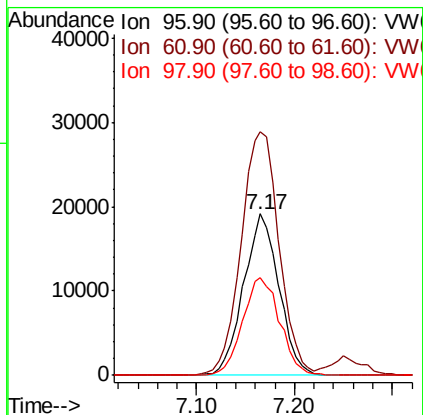
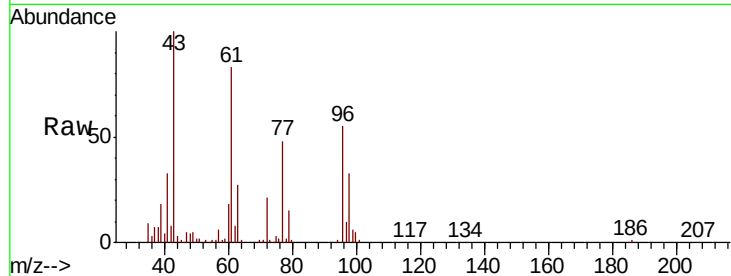


#27

cis-1,2-Dichloroethene
 Concen: 21.563 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

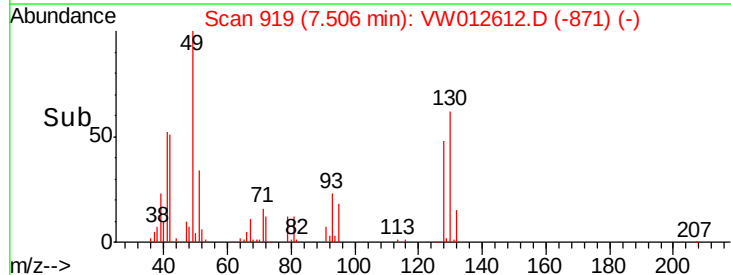
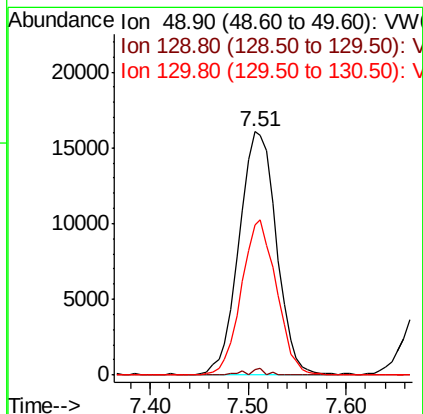
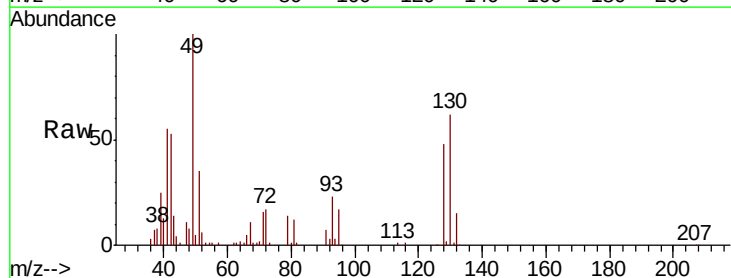
Tgt Ion: 96 Resp: 48304
 Ion Ratio Lower Upper
 96 100
 61 161.3 0.0 326.6
 98 63.6 0.0 127.4

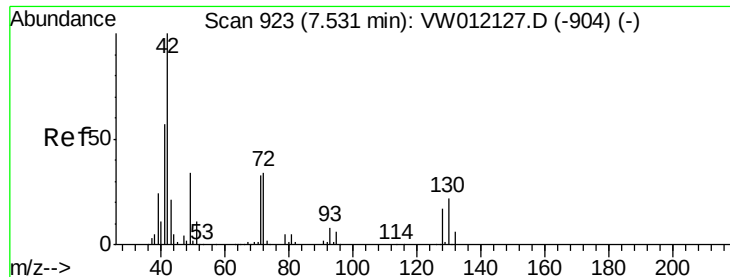


#28

Bromochloromethane
 Concen: 23.178 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion: 49 Resp: 42617
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 1.4
 130 60.0 45.5 68.3

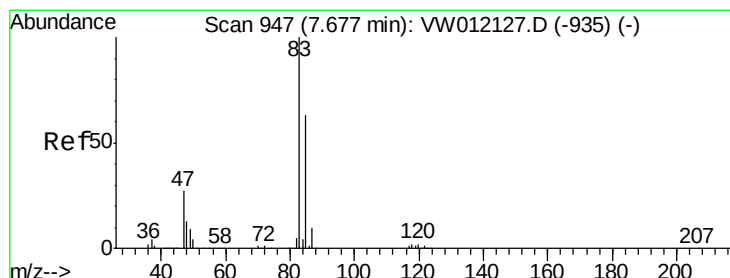
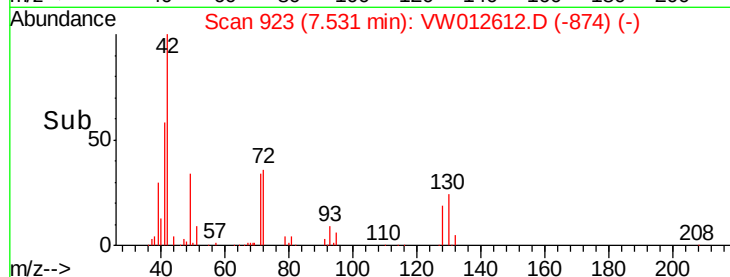
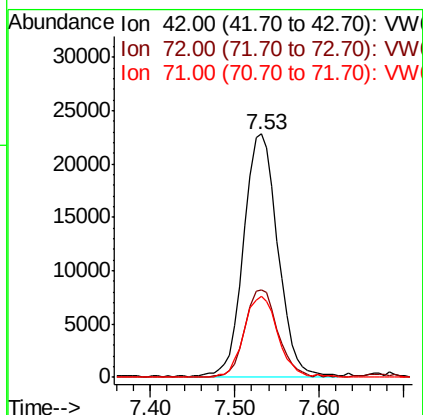
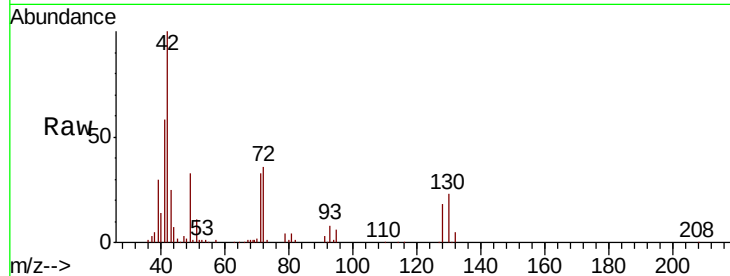




#29
Tetrahydrofuran
Concen: 129.800 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

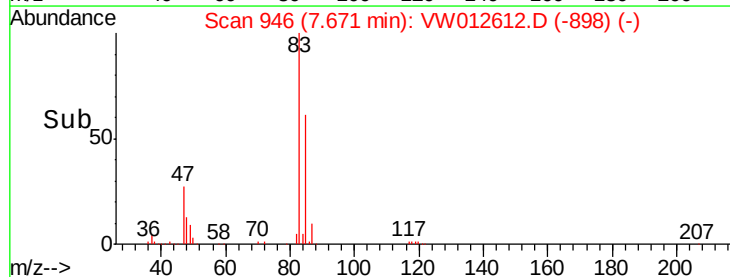
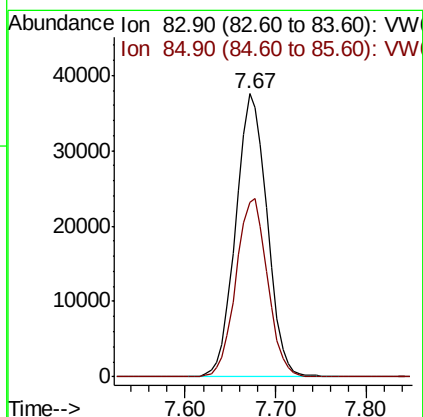
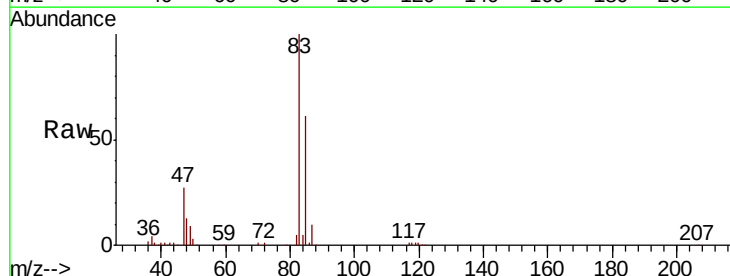
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

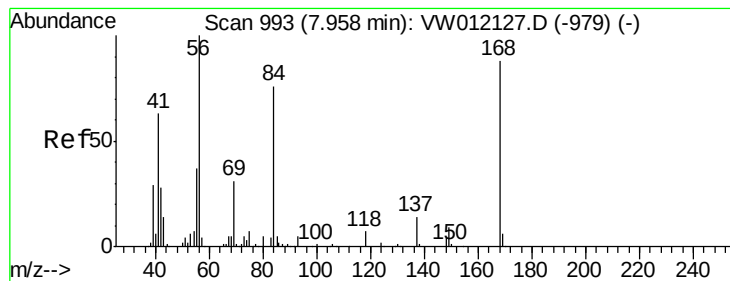
Tgt Ion: 42 Resp: 62681
Ion Ratio Lower Upper
42 100
72 35.2 27.3 40.9
71 33.3 25.5 38.3



#30
Chloroform
Concen: 23.325 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion: 83 Resp: 90024
Ion Ratio Lower Upper
83 100
85 61.5 50.6 76.0





#31

Cyclohexane

Concen: 16.318 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

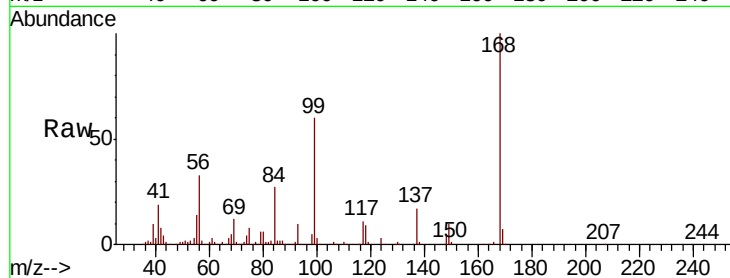
Tgt Ion: 56 Resp: 68106

Ion Ratio Lower Upper

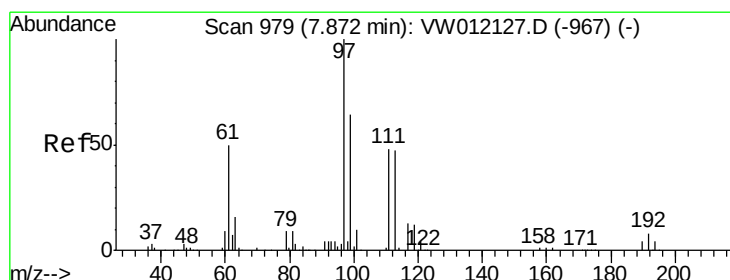
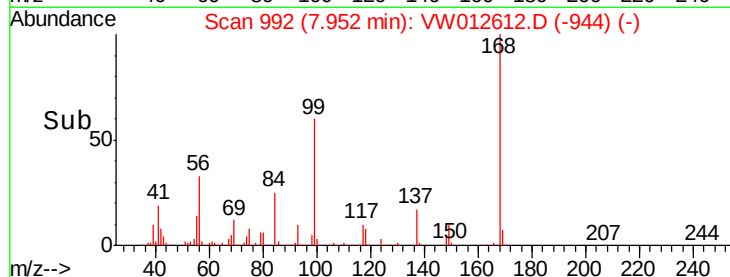
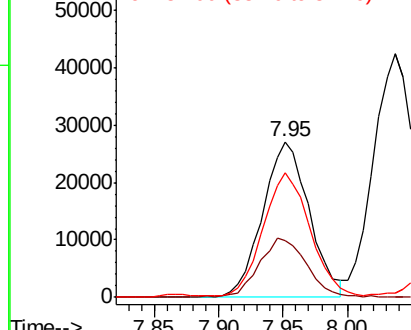
56 100

69 36.1 24.9 37.3

84 78.6 60.6 90.8



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: 22.061 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

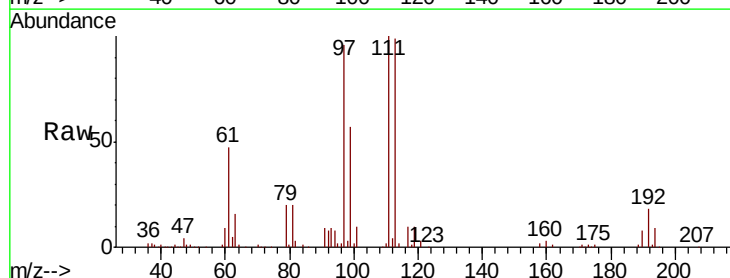
Tgt Ion: 97 Resp: 67358

Ion Ratio Lower Upper

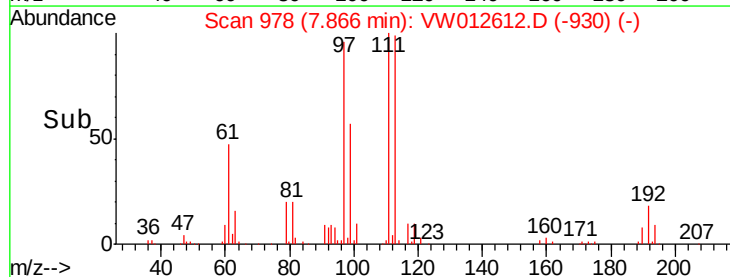
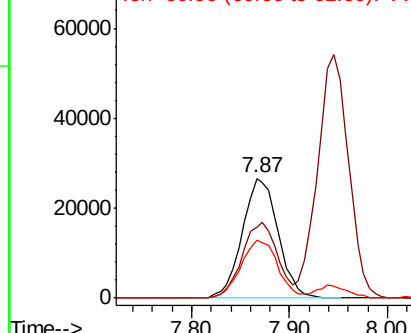
97 100

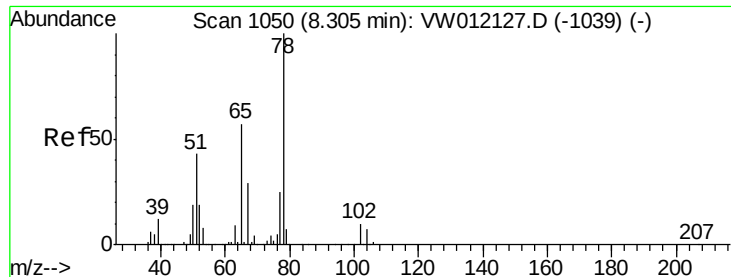
99 62.3 51.4 77.0

61 50.1 39.5 59.3



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

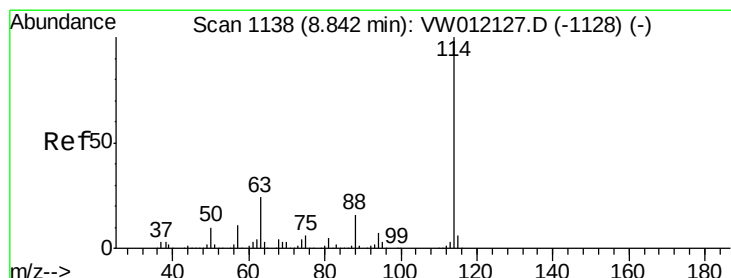
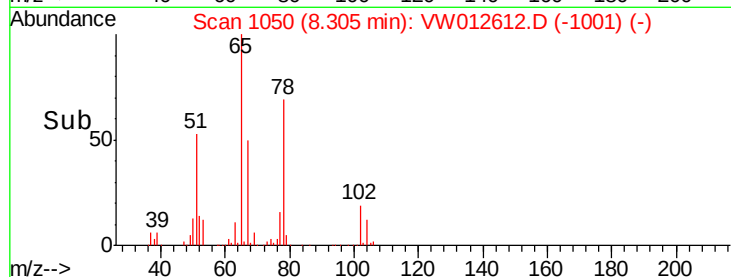
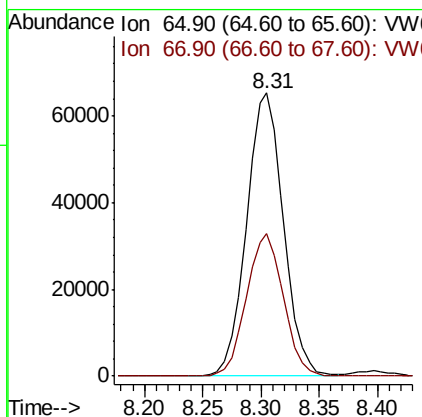
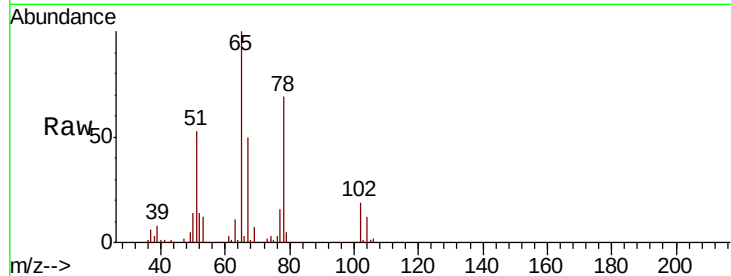




#33
 1,2-Dichloroethane-d4
 Concen: 62.051 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

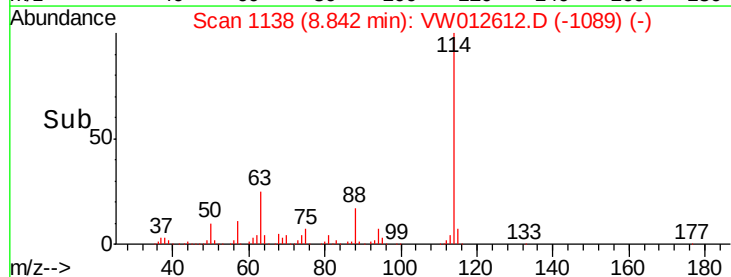
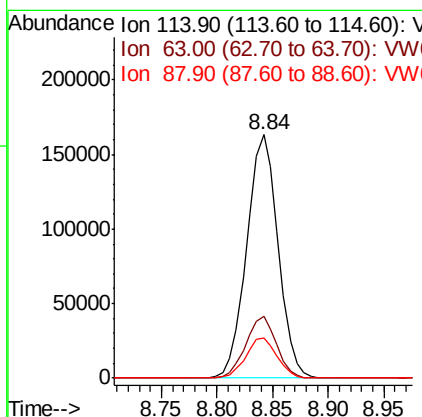
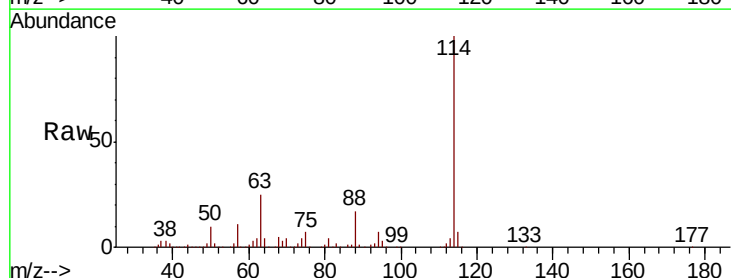
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

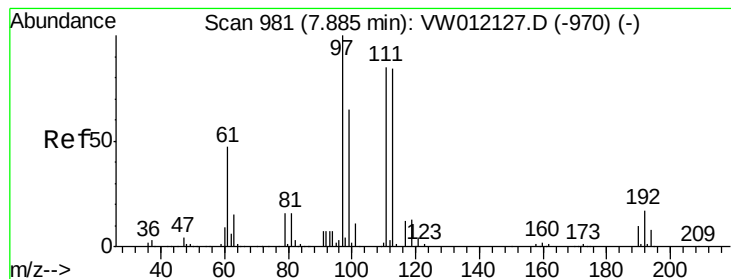
Tgt Ion: 65 Resp: 143785
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion: 114 Resp: 320402
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 48.6
 88 16.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 56.846 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

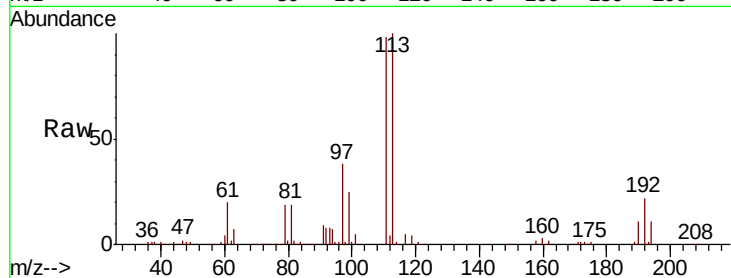
Tgt Ion:113 Resp: 108718

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

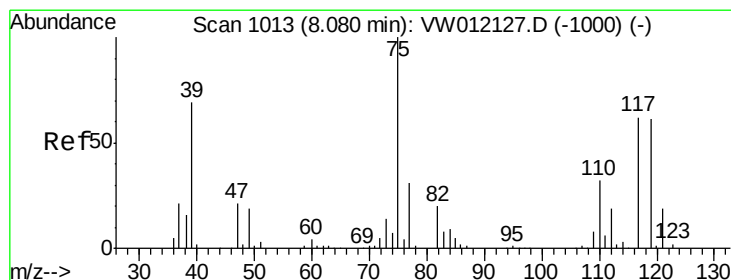
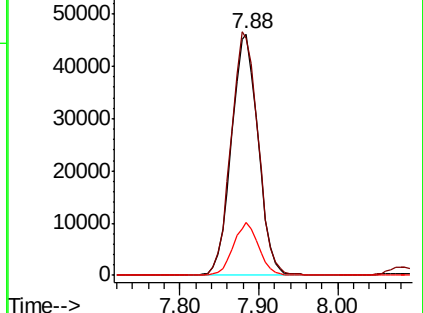
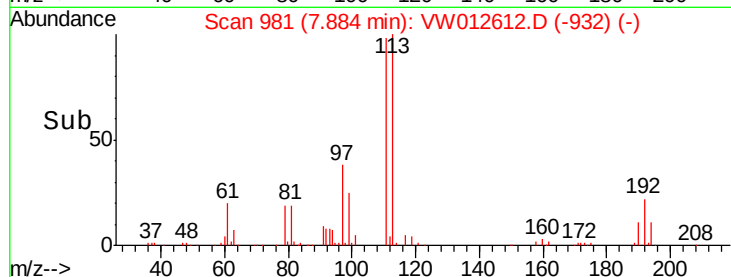
192 20.7 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.540 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

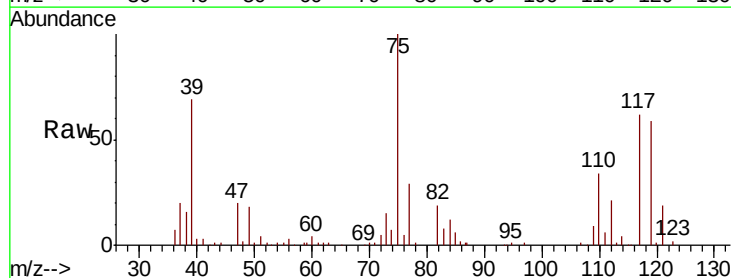
Tgt Ion: 75 Resp: 61384

Ion Ratio Lower Upper

75 100

110 32.7 15.6 46.8

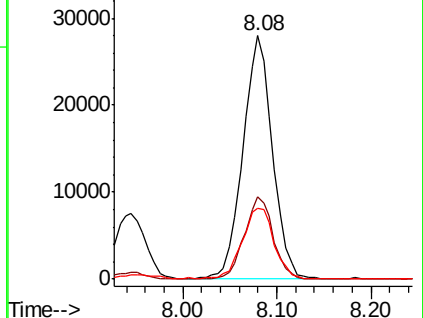
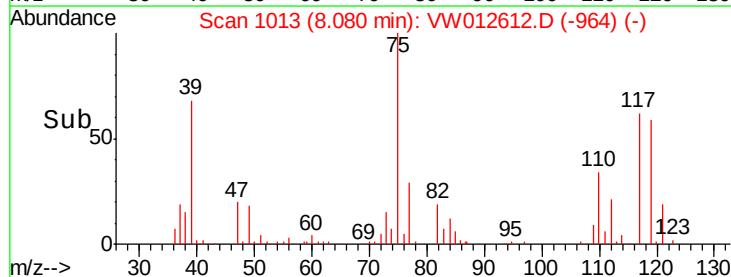
77 31.4 24.6 36.8

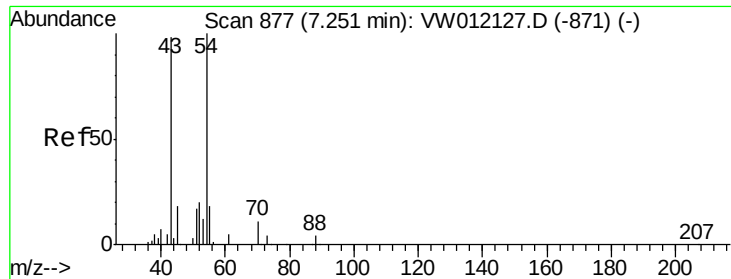


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

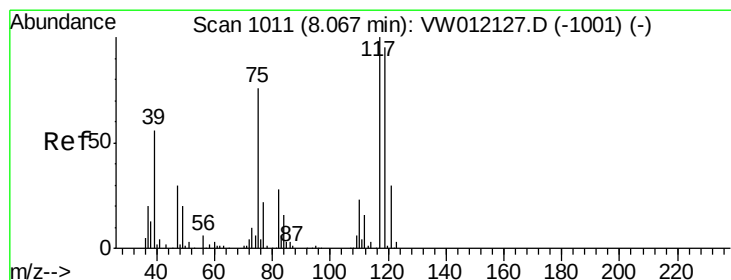
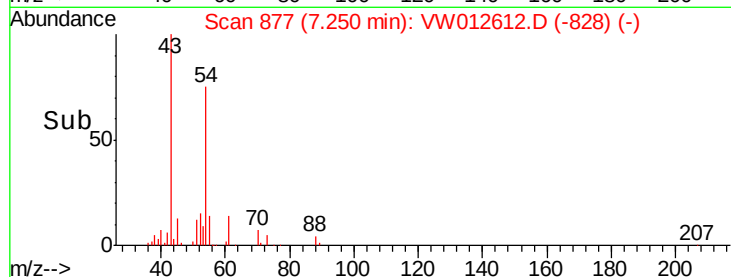
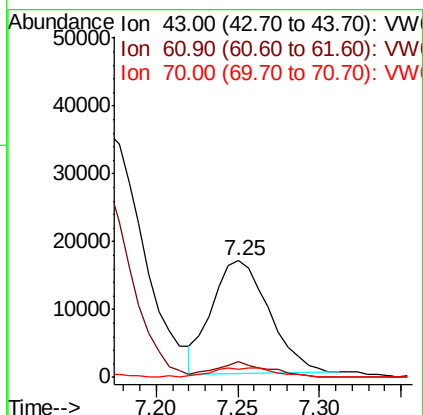
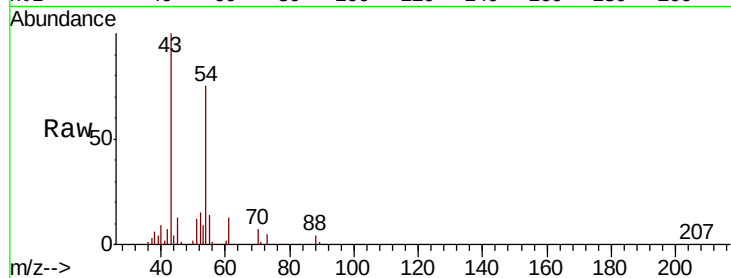




#37
Ethyl Acetate
Concen: 22.368 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

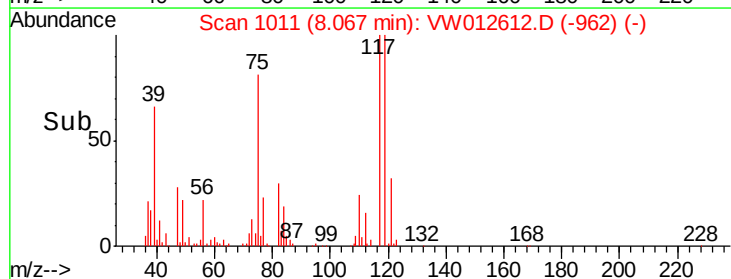
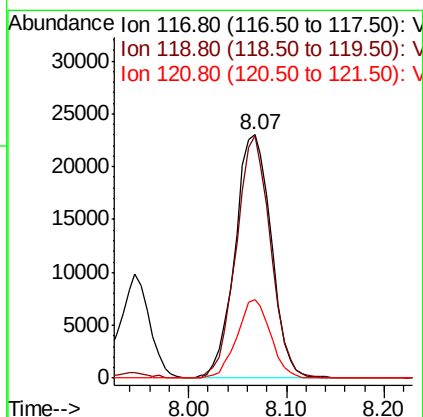
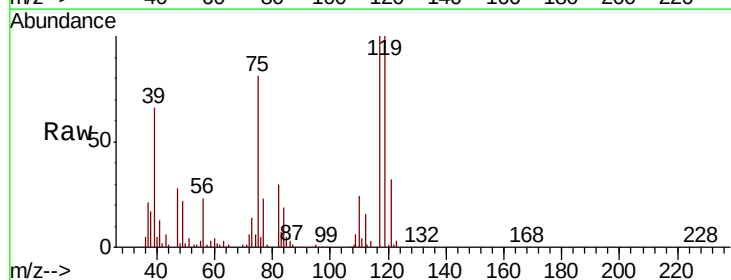
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

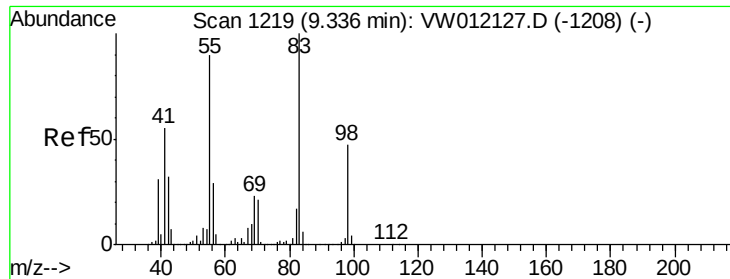
Tgt Ion: 43 Resp: 40583
Ion Ratio Lower Upper
43 100
61 12.7 9.2 13.8
70 9.4 6.9 10.3



#38
Carbon Tetrachloride
Concen: 20.631 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion: 117 Resp: 59122
Ion Ratio Lower Upper
117 100
119 99.8 76.2 114.2
121 32.0 23.8 35.8

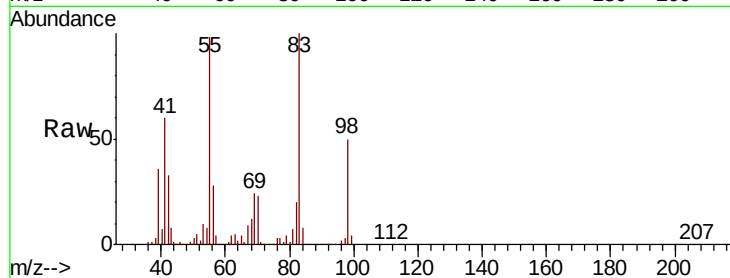




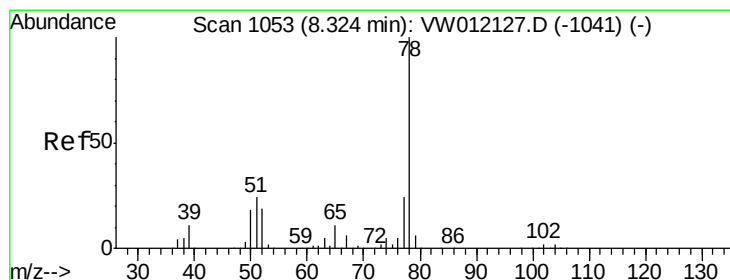
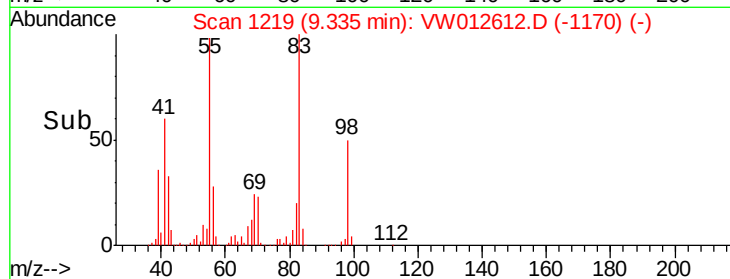
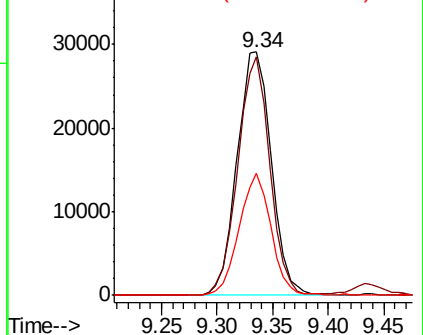
#39
Methylcyclohexane
Concen: 16.730 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tgt Ion: 83 Resp: 62230
Ion Ratio Lower Upper
83 100
55 98.0 71.8 107.8
98 50.0 37.8 56.8

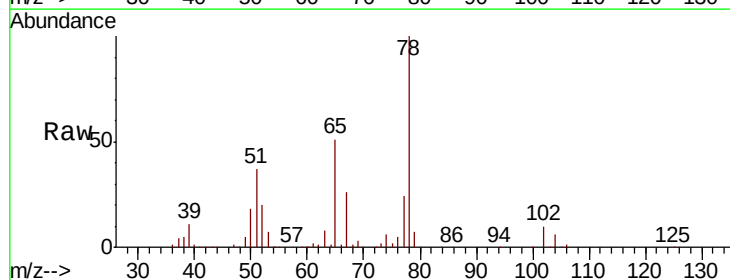


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

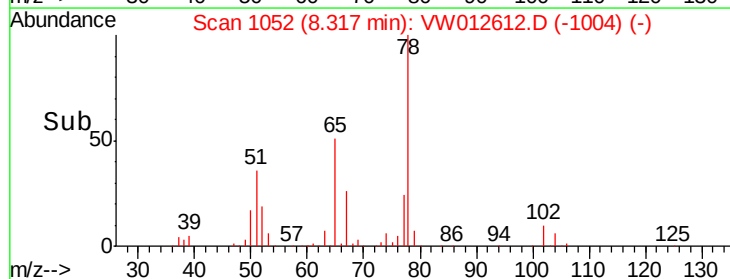
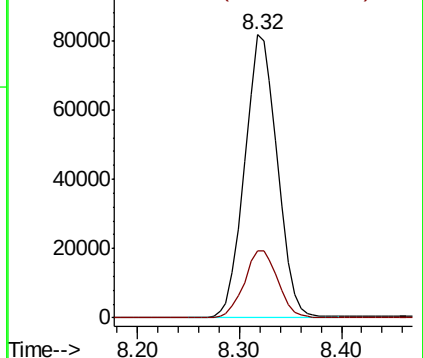


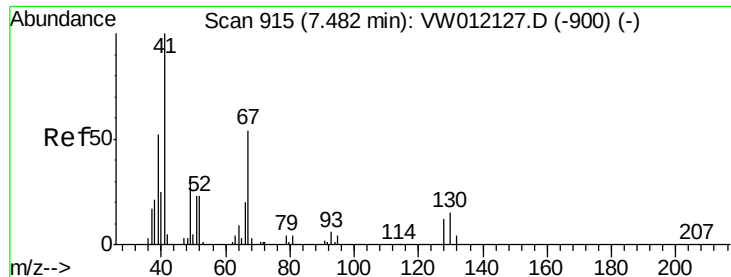
#40
Benzene
Concen: 20.145 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion: 78 Resp: 182133
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

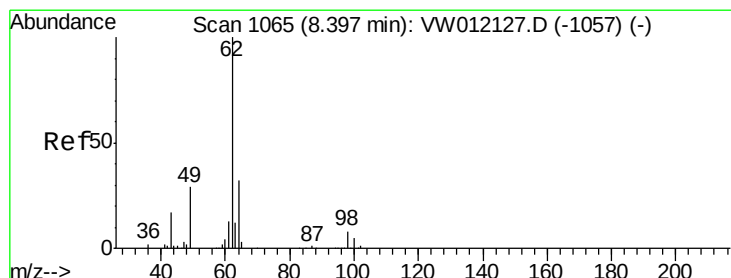
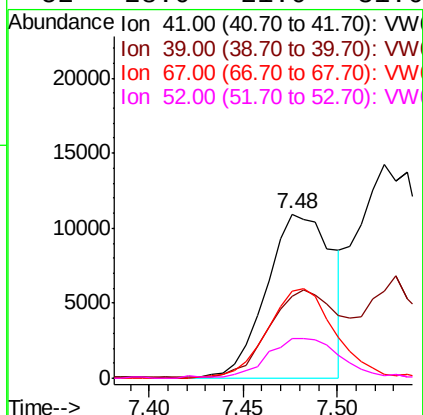
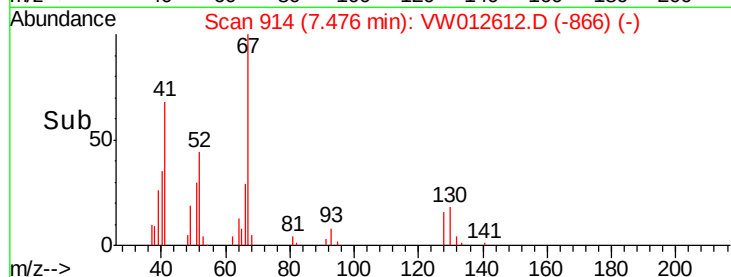
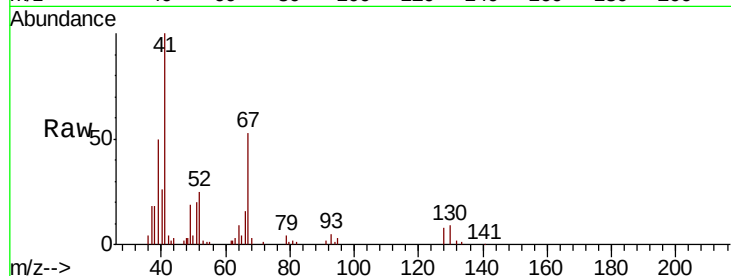




#41
Methacrylonitrile
Concen: 25.005 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

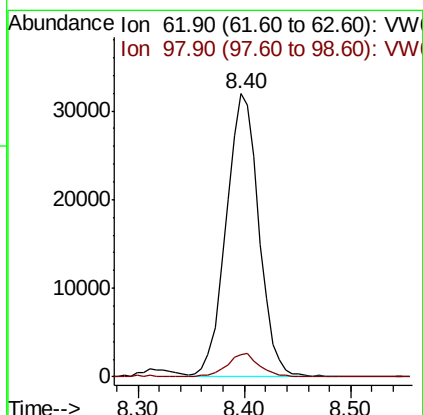
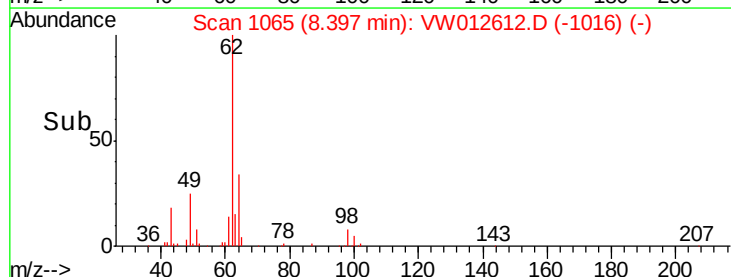
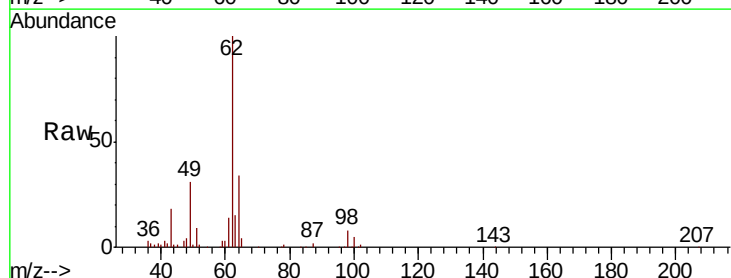
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

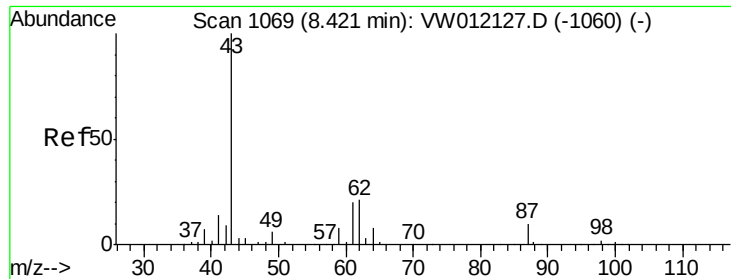
Tgt Ion:	41	Resp:	26665
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.8	68.8
67	56.3	46.2	69.4
52	28.0	21.0	31.6



#42
1,2-Dichloroethane
Concen: 24.253 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion:	62	Resp:	68721
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 24.367 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

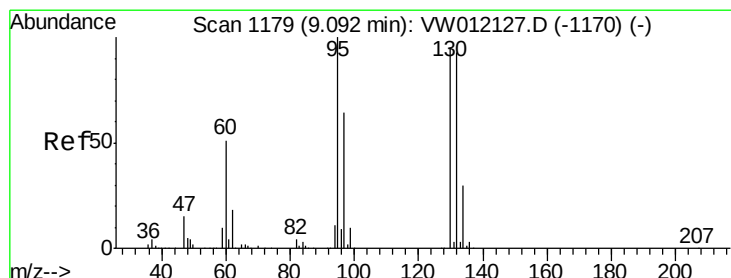
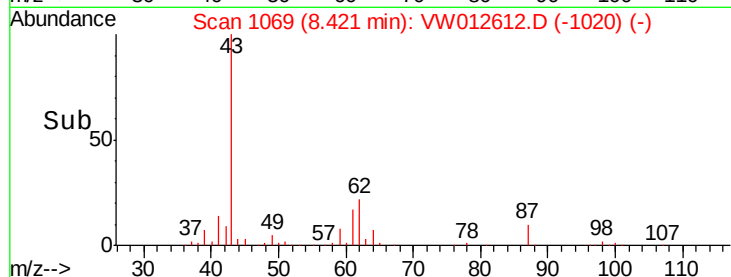
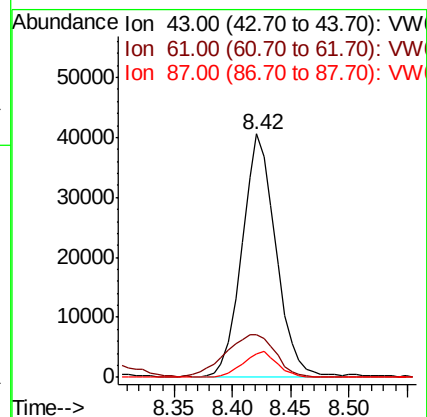
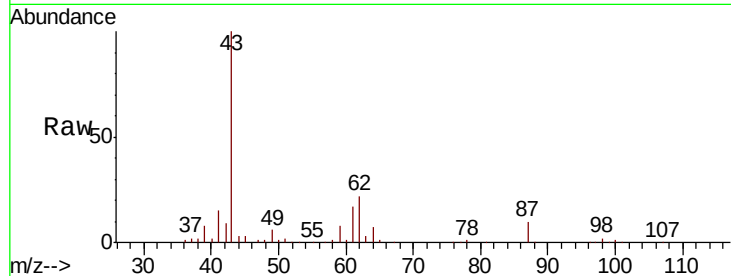
Tgt Ion: 43 Resp: 81892

Ion Ratio Lower Upper

43 100

61 26.2 21.1 31.7

87 10.9 8.2 12.2



#44

Trichloroethene

Concen: 20.334 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012612.D

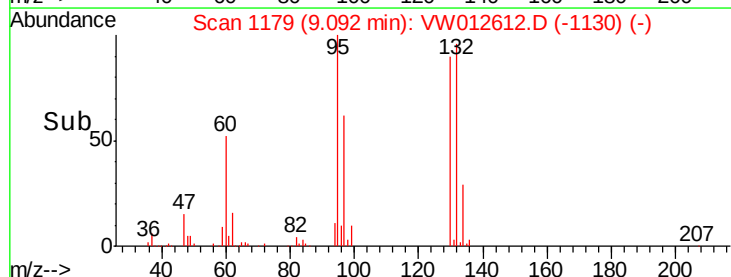
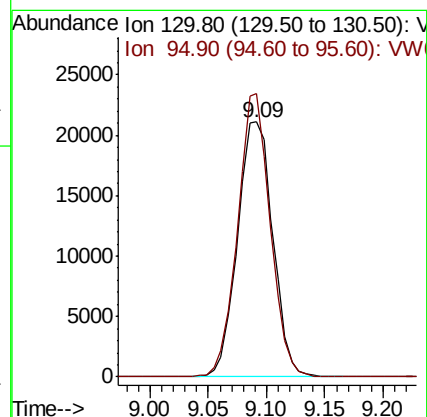
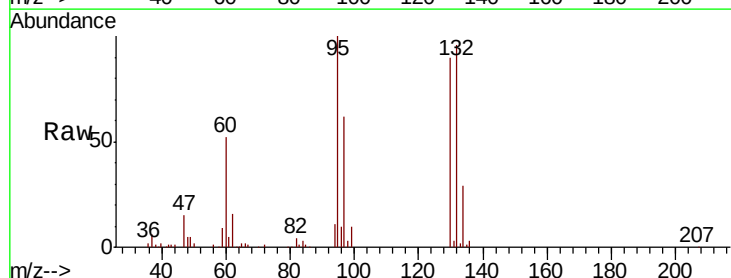
Acq: 05 Sep 2019 02:15

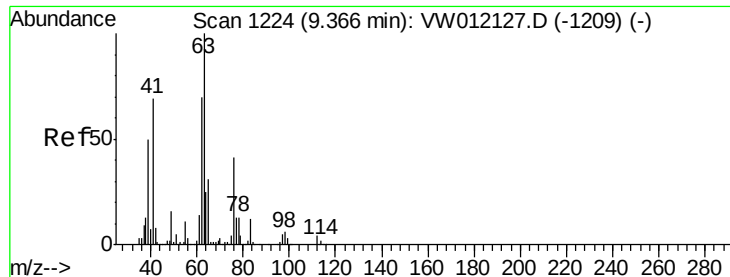
Tgt Ion: 130 Resp: 44691

Ion Ratio Lower Upper

130 100

95 111.1 0.0 210.6

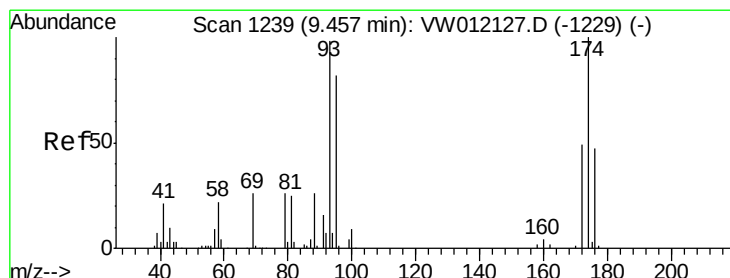
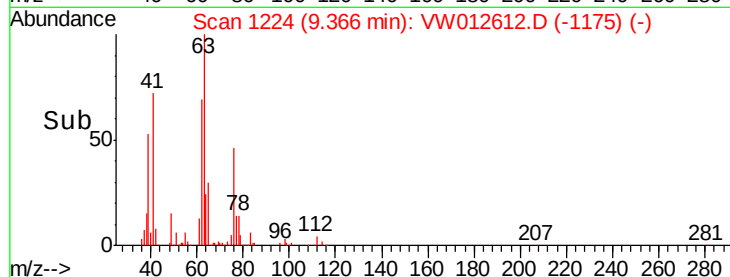
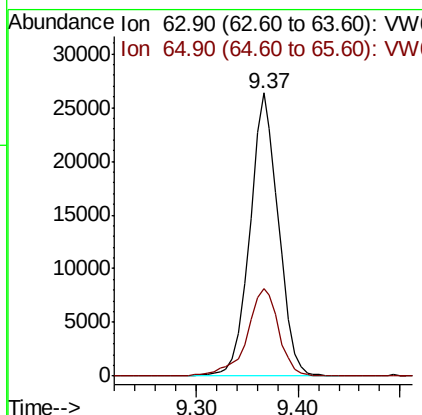
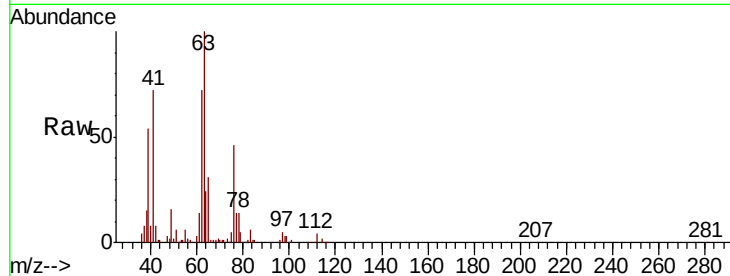




#45
 1,2-Dichloropropane
 Concen: 21.015 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

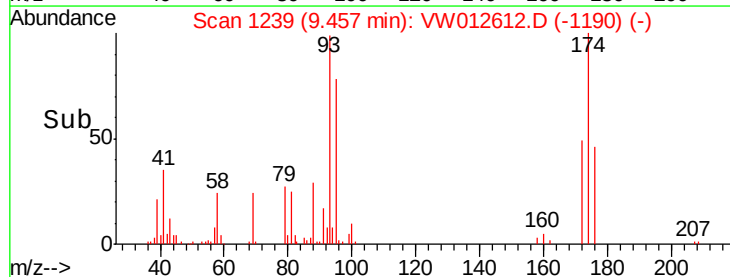
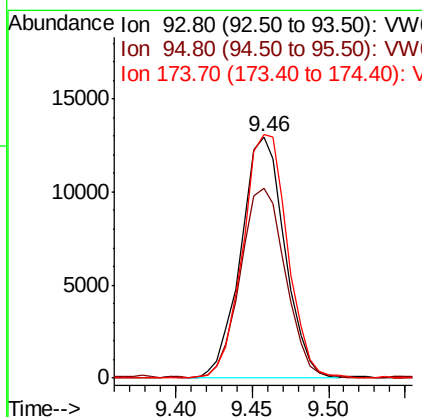
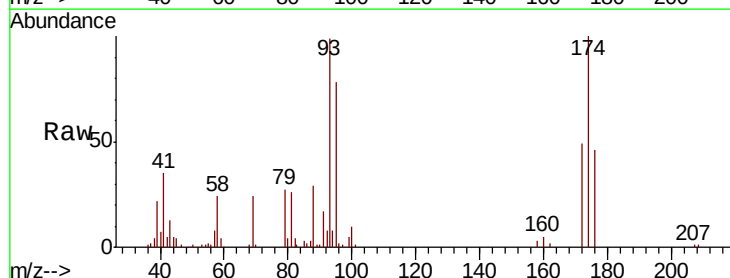
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

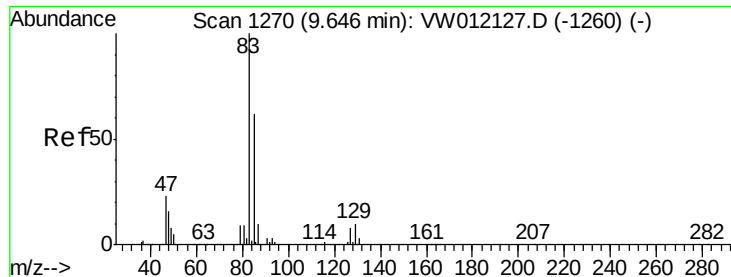
Tgt Ion: 63 Resp: 51133
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4



#46
 Dibromomethane
 Concen: 23.841 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion: 93 Resp: 25810
 Ion Ratio Lower Upper
 93 100
 95 81.0 67.2 100.8
 174 102.8 79.0 118.6





#47

Bromodichloromethane

Concen: 22.948 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

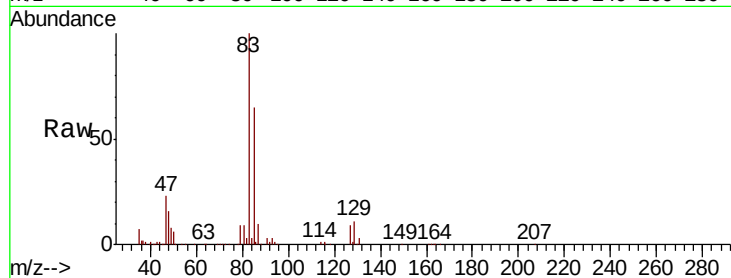
Tgt Ion: 83 Resp: 66120

Ion Ratio Lower Upper

83 100

85 64.8 49.4 74.2

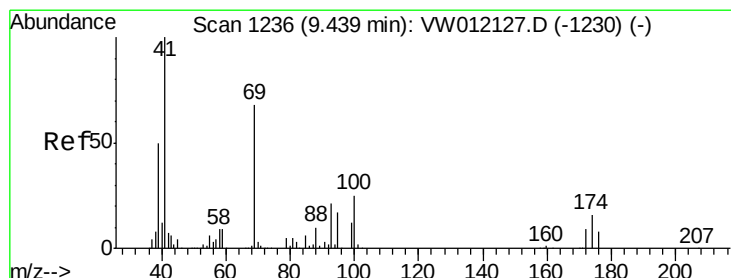
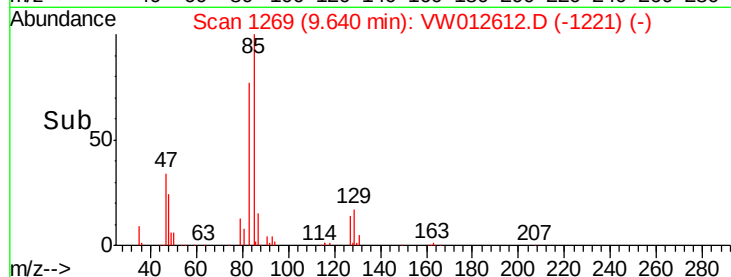
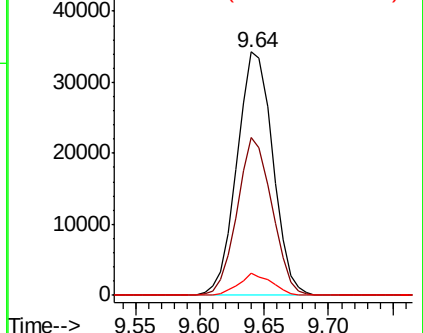
127 9.1 6.1 9.1



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: 24.121 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

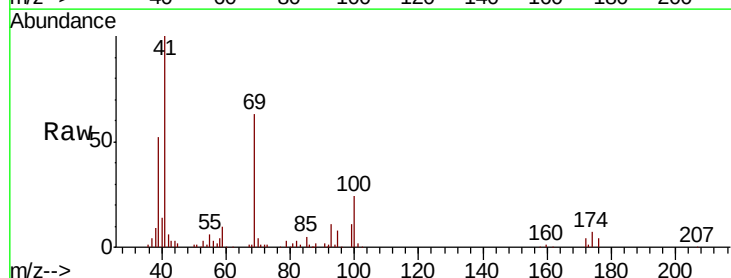
Tgt Ion: 41 Resp: 38583

Ion Ratio Lower Upper

41 100

69 71.4 56.7 85.1

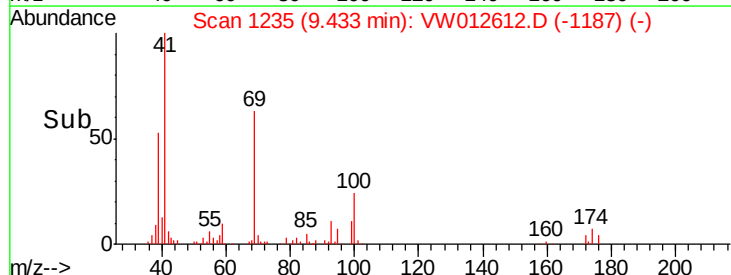
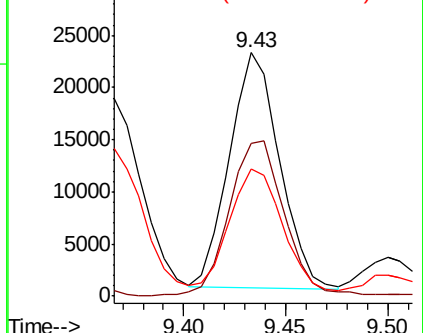
39 58.9 42.0 63.0

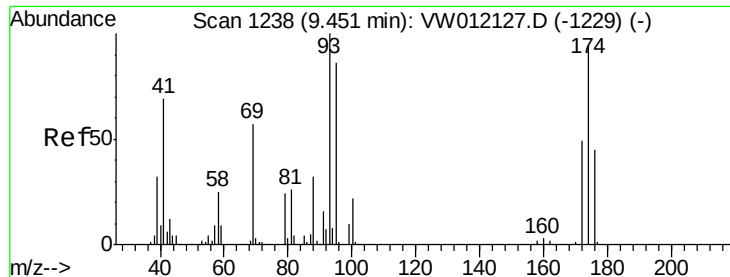


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

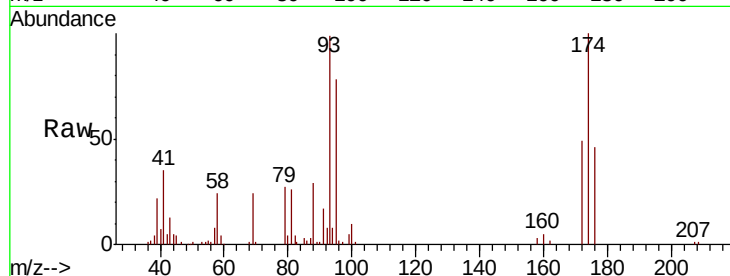




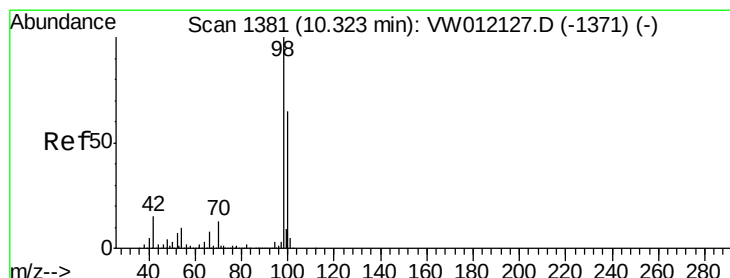
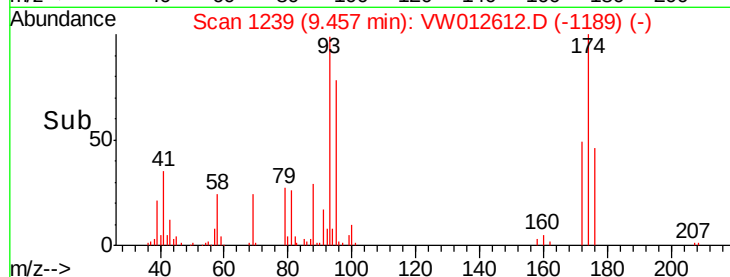
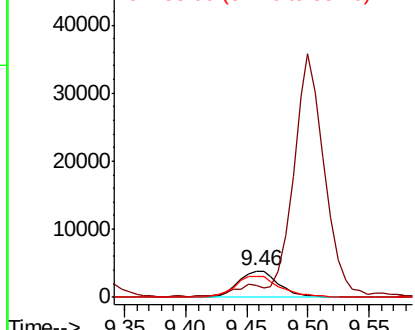
#49
1,4-Dioxane
Concen: 532.848 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tgt Ion: 88 Resp: 8831
Ion Ratio Lower Upper
88 100
43 35.6 32.9 49.3
58 90.5 71.0 106.4

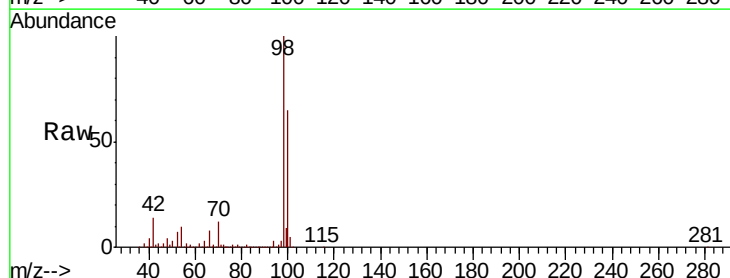


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

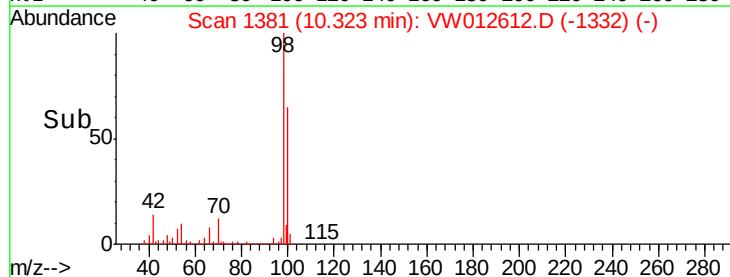
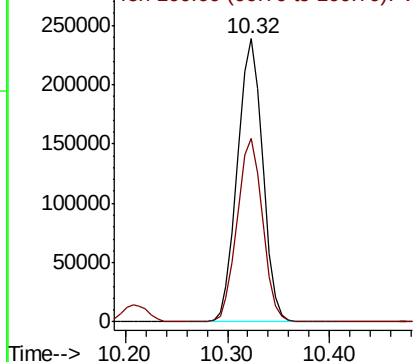


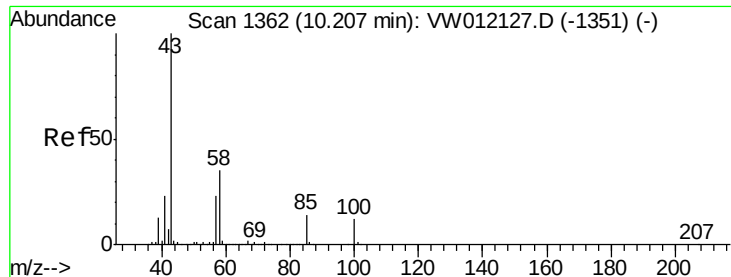
#50
Toluene-d8
Concen: 52.711 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion: 98 Resp: 408752
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



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

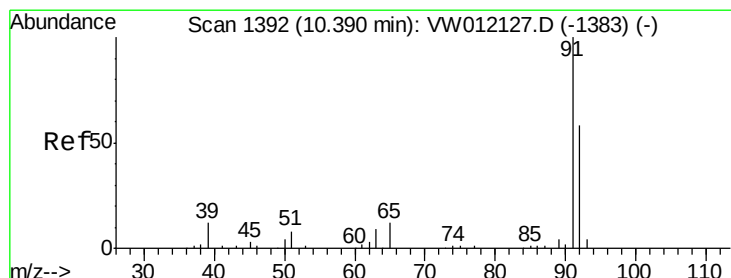
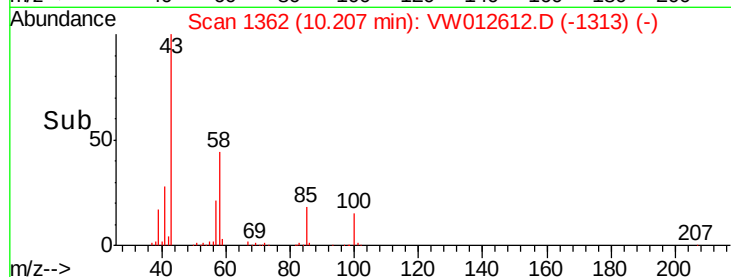
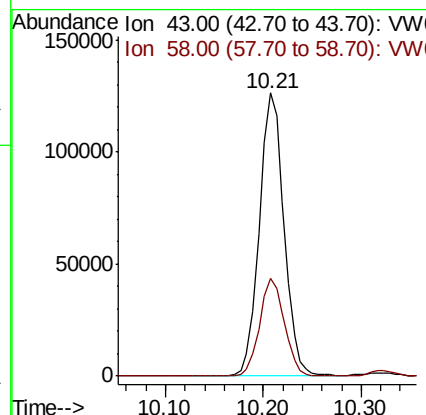
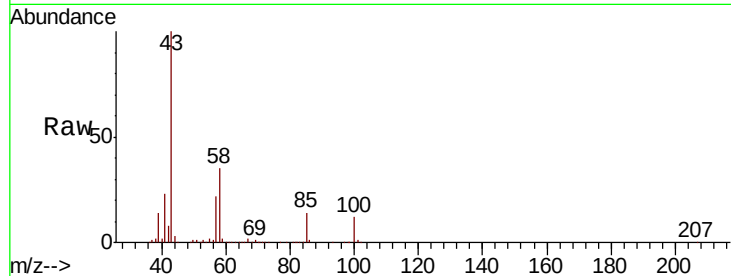




#51
 4-Methyl-2-Pentanone
 Concen: 128.963 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

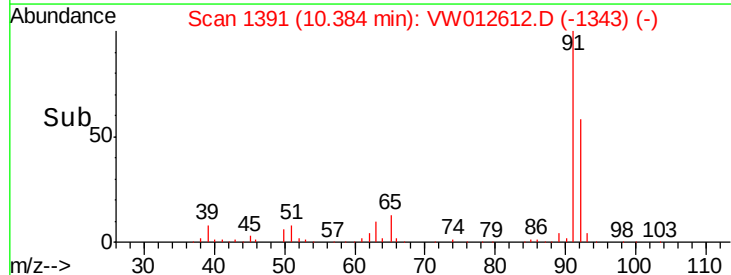
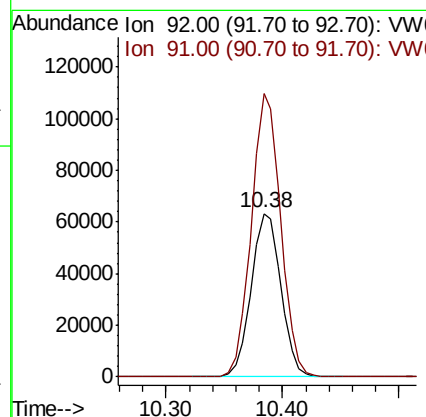
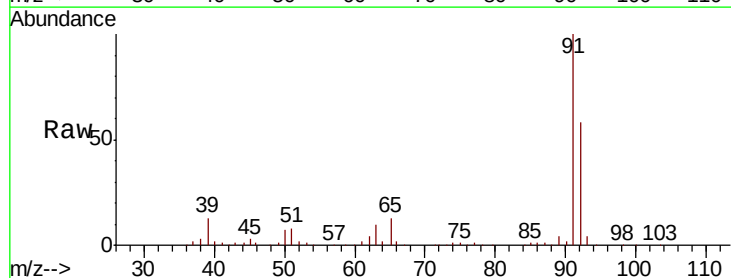
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

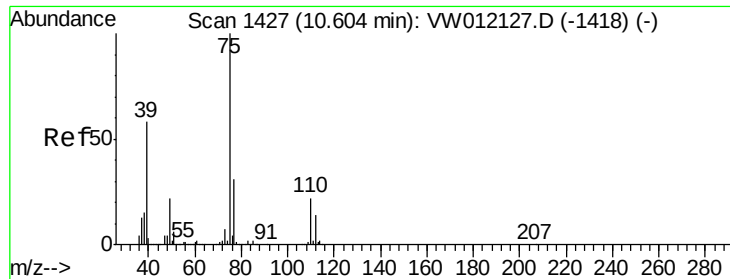
Tgt Ion: 43 Resp: 220449
 Ion Ratio Lower Upper
 43 100
 58 34.8 28.2 42.2



#52
 Toluene
 Concen: 20.675 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion: 92 Resp: 112289
 Ion Ratio Lower Upper
 92 100
 91 172.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 22.447 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

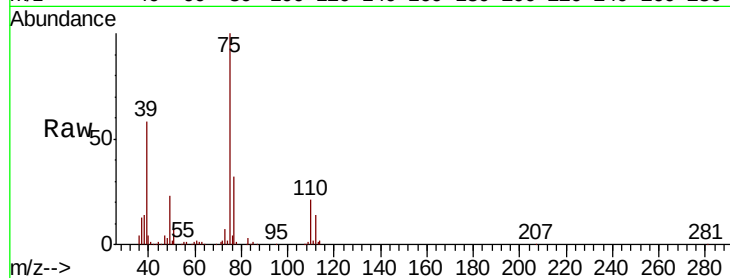
VW0904SBSD02

Tgt Ion: 75 Resp: 65881

Ion Ratio Lower Upper

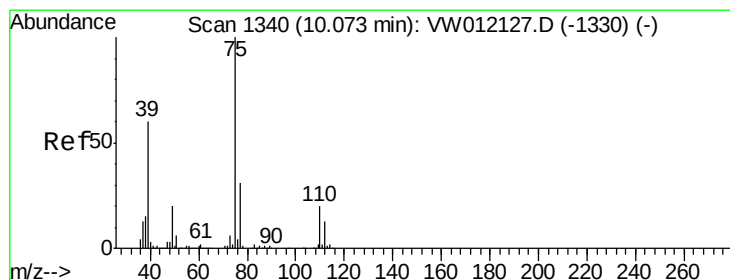
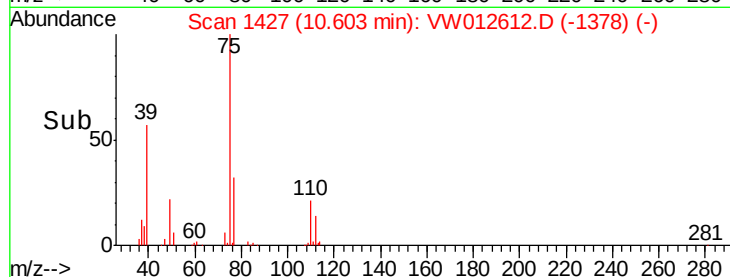
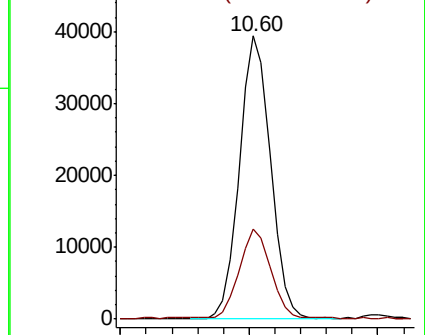
75 100

77 31.8 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.144 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

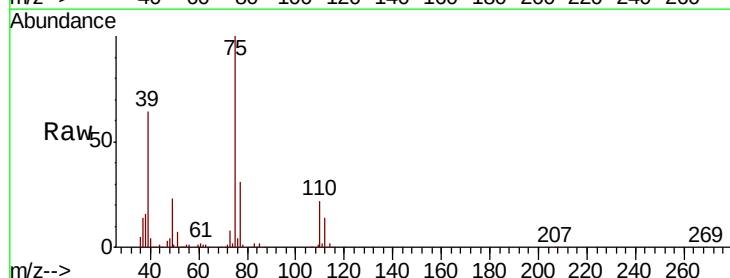
Tgt Ion: 75 Resp: 74927

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

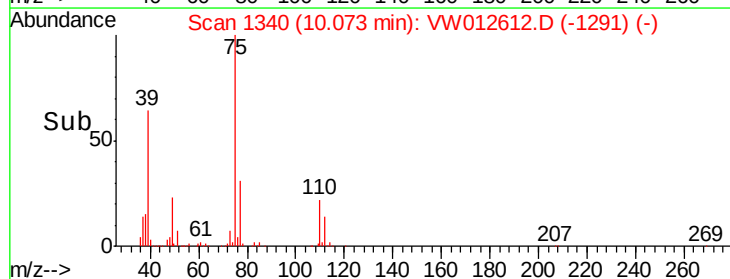
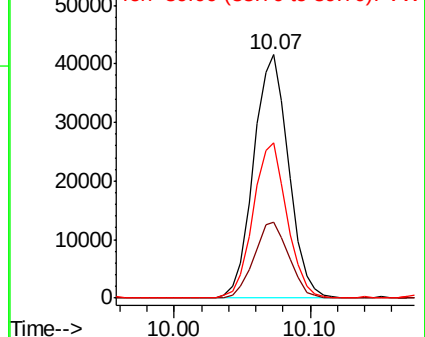
39 63.7 48.3 72.5

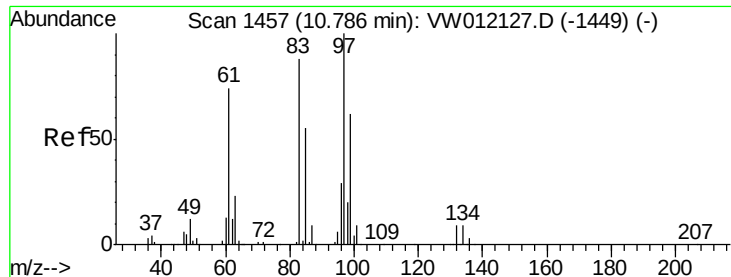


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

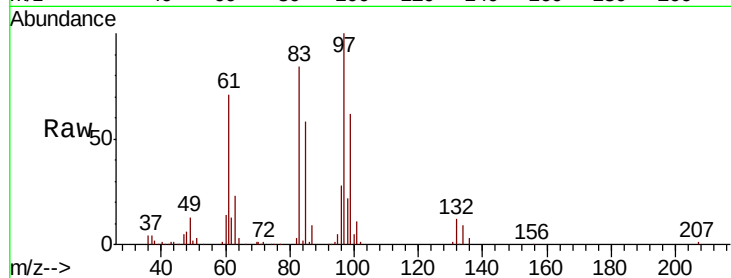




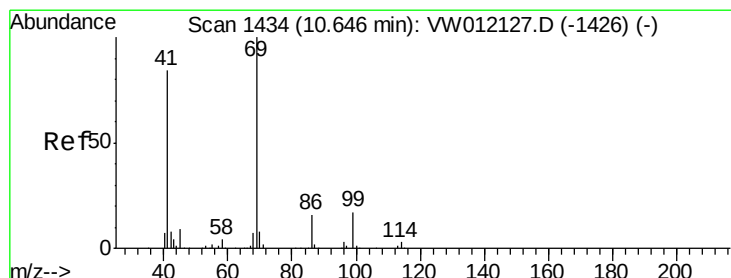
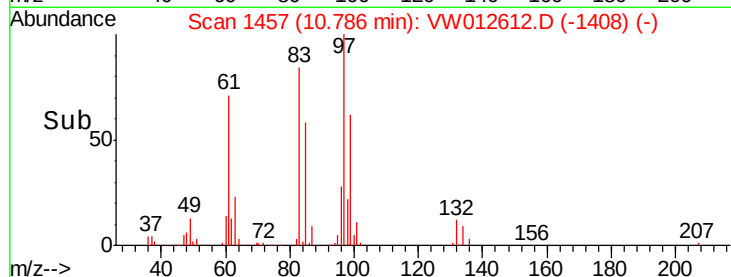
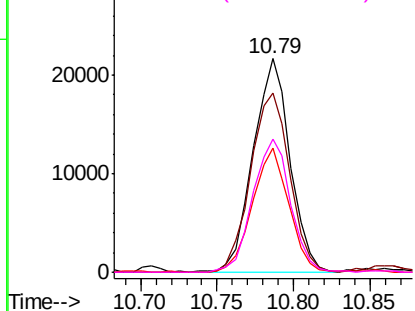
#55
 1,1,2-Trichloroethane
 Concen: 23.742 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tgt Ion:	97	Resp:	36366
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.8	106.2
85	58.4	43.8	65.8
99	62.4	49.8	74.6

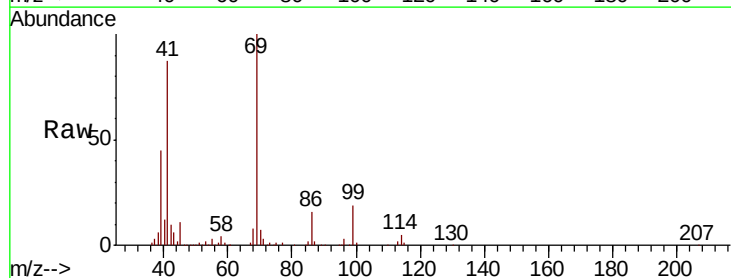


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

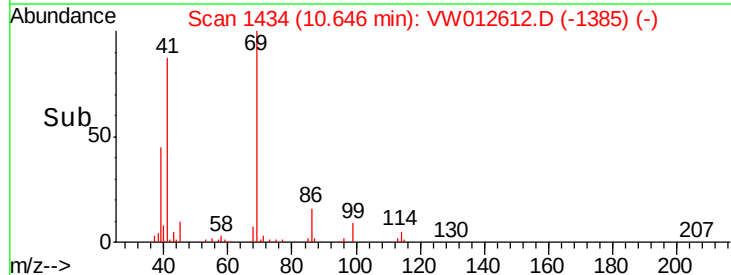
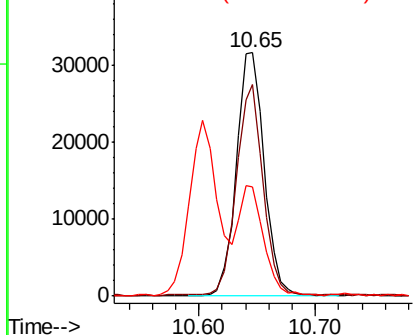


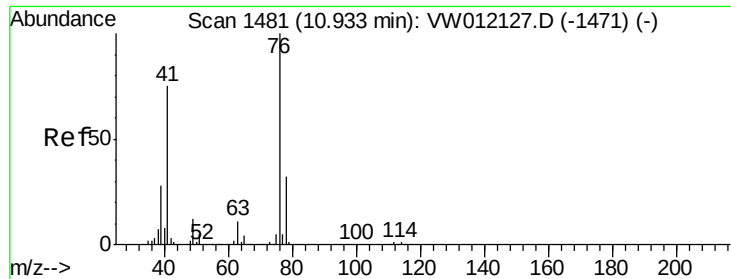
#56
 Ethyl methacrylate
 Concen: 23.788 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion:	69	Resp:	53031
Ion	Ratio	Lower	Upper
69	100		
41	83.4	66.5	99.7
39	40.0	31.0	46.4



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

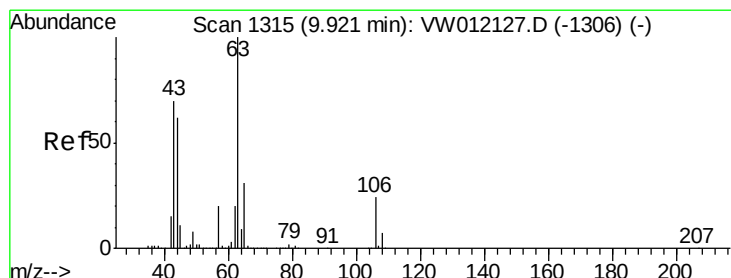
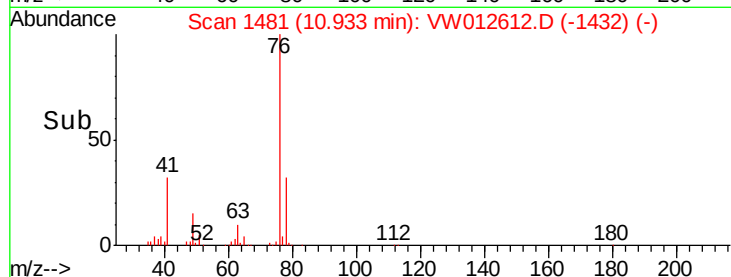
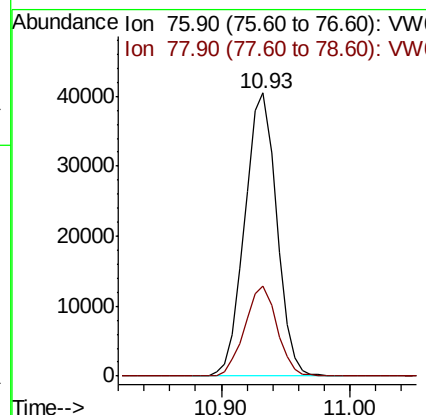
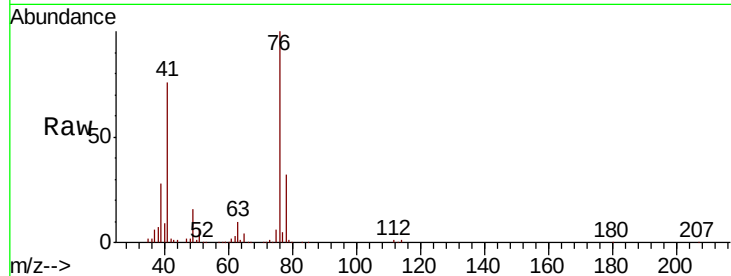




#57
 1,3-Dichloropropane
 Concen: 23.970 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

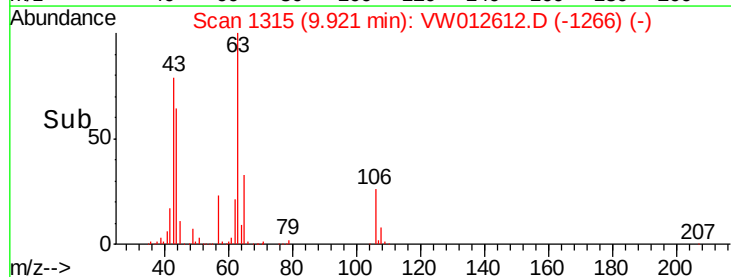
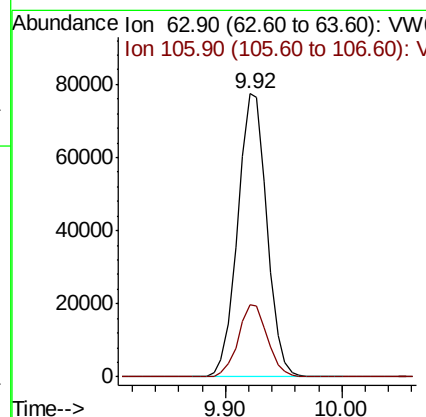
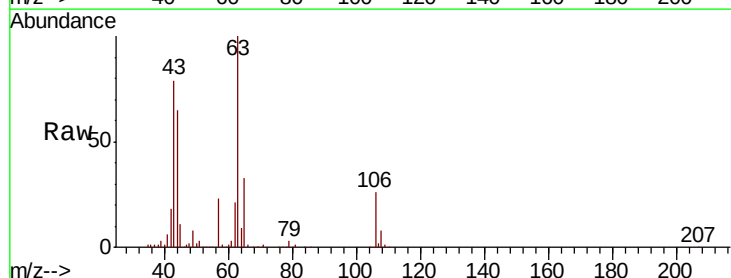
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

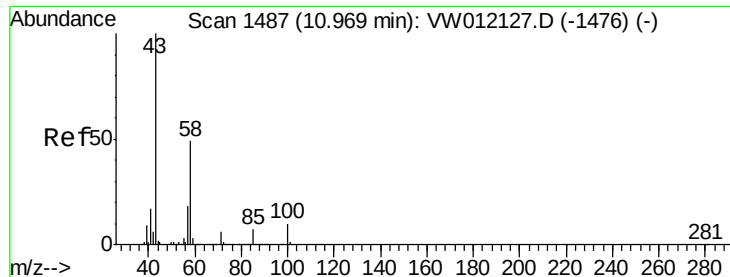
Tgt Ion: 76 Resp: 69383
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.444 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion: 63 Resp: 135514
 Ion Ratio Lower Upper
 63 100
 106 25.5 19.8 29.8





#59

2-Hexanone

Concen: 124.603 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

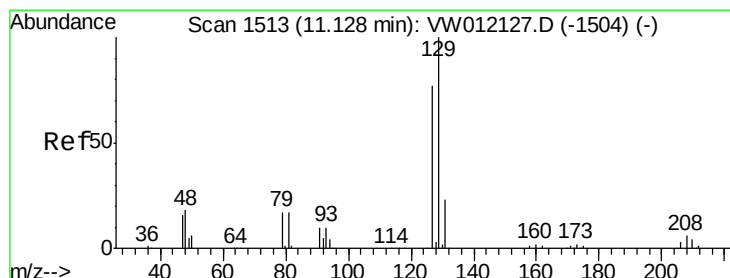
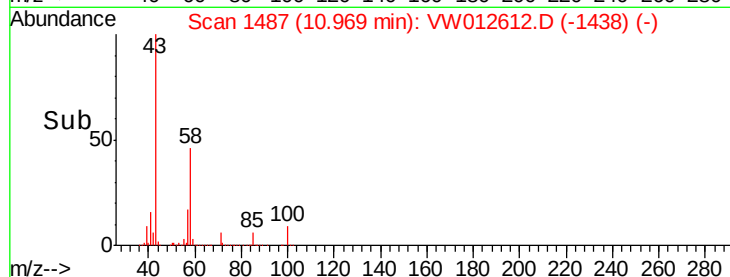
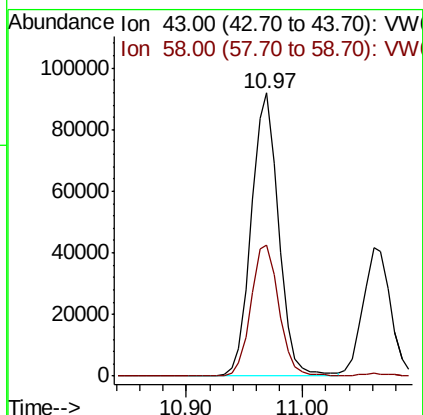
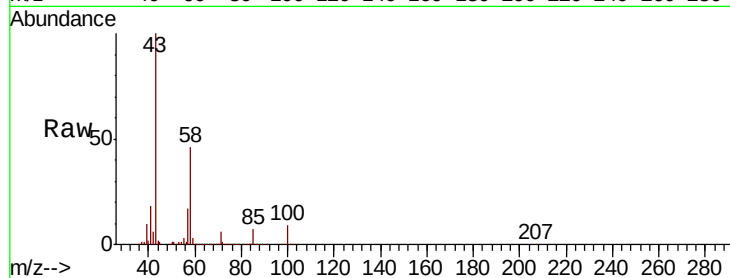
VW0904SBSD02

Tgt Ion: 43 Resp: 150709

Ion Ratio Lower Upper

43 100

58 47.4 24.3 72.9



#60

Dibromochloromethane

Concen: 23.914 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW012612.D

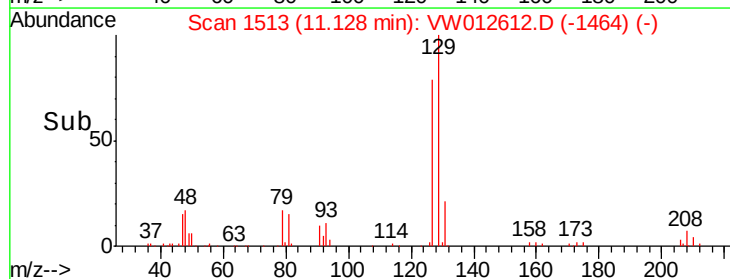
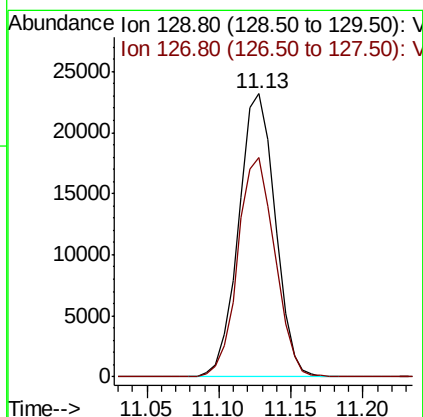
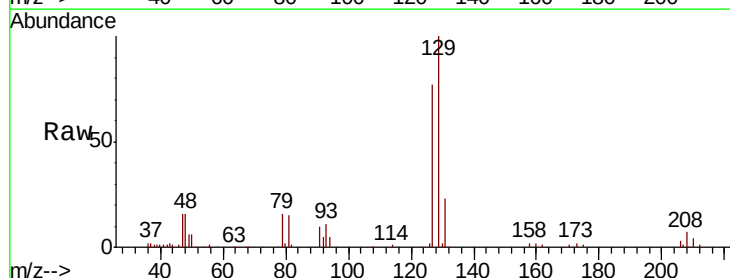
Acq: 05 Sep 2019 02:15

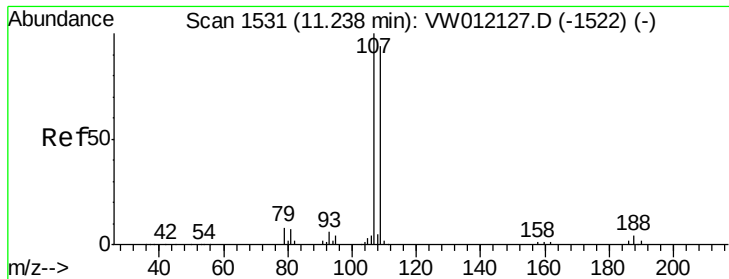
Tgt Ion: 129 Resp: 40800

Ion Ratio Lower Upper

129 100

127 78.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 23.982 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

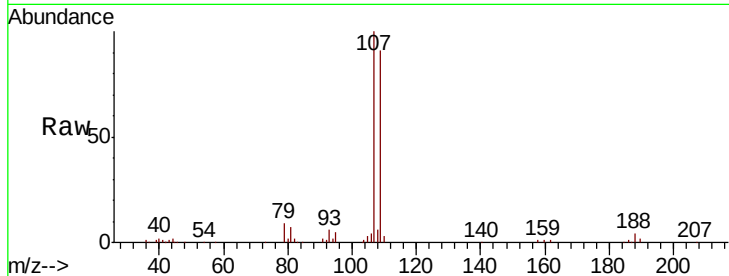
VW0904SBSD02

Tgt Ion: 107 Resp: 34222

Ion Ratio Lower Upper

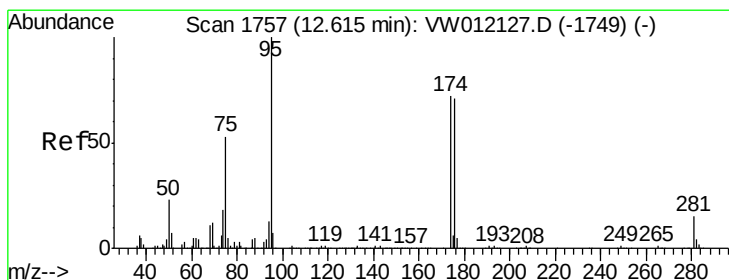
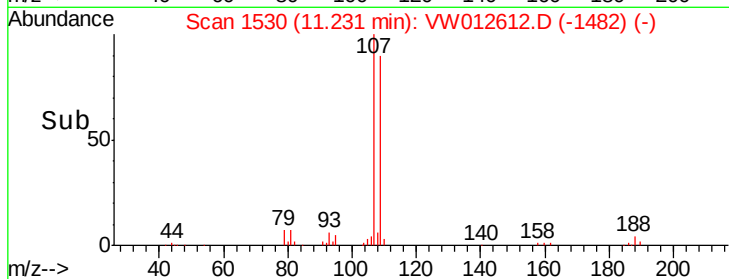
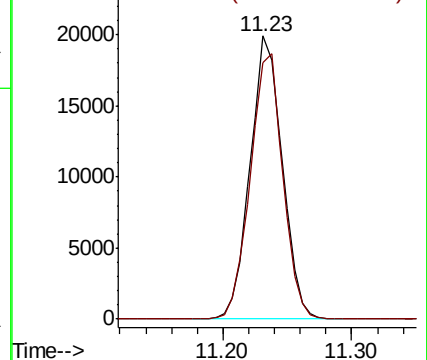
107 100

109 94.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.666 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

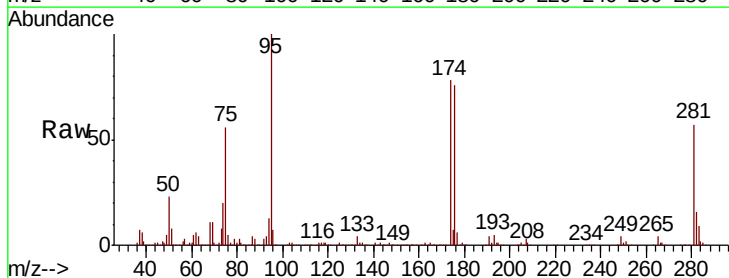
Tgt Ion: 95 Resp: 152161

Ion Ratio Lower Upper

95 100

174 79.0 0.0 150.8

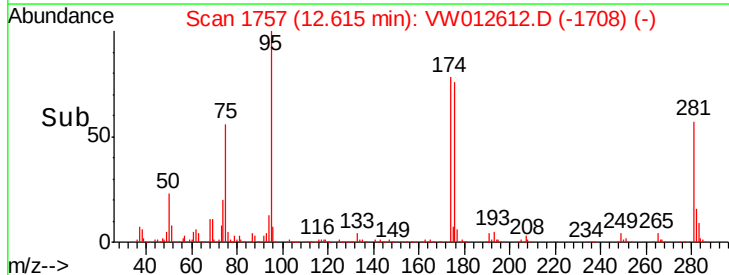
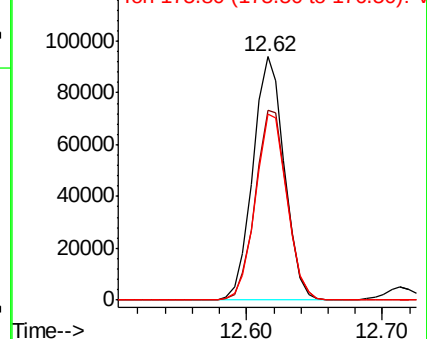
176 77.0 0.0 148.6

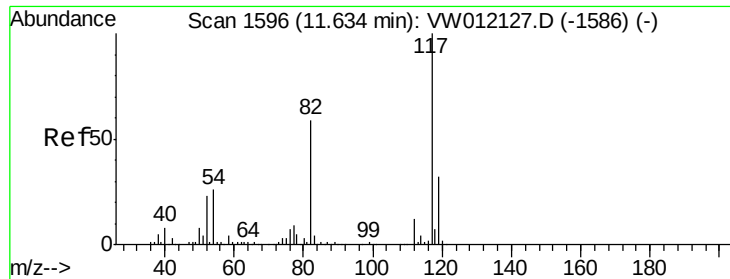


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

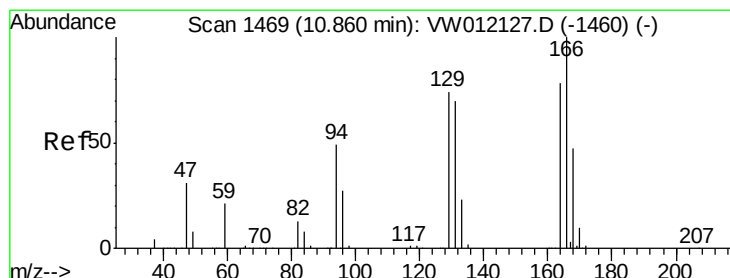
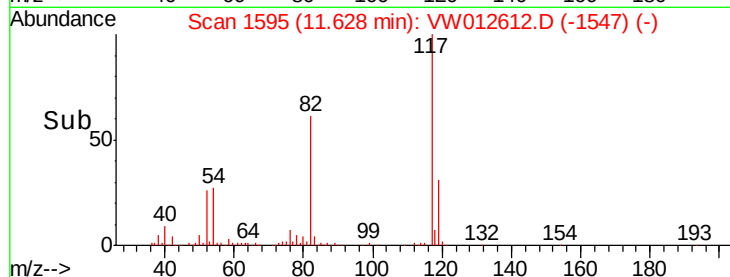
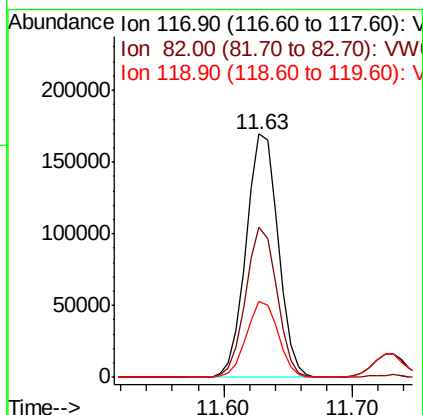
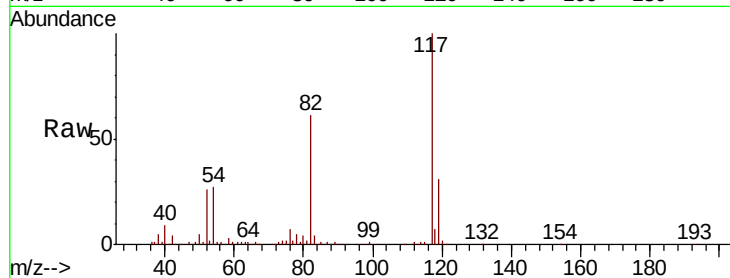




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

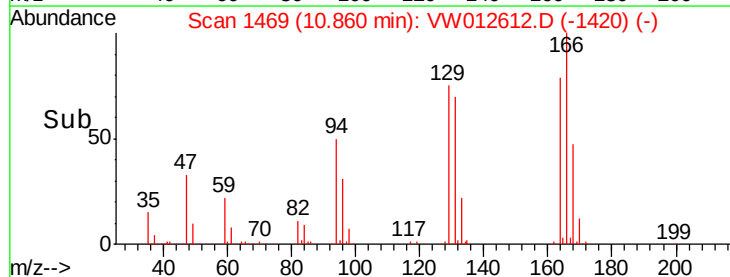
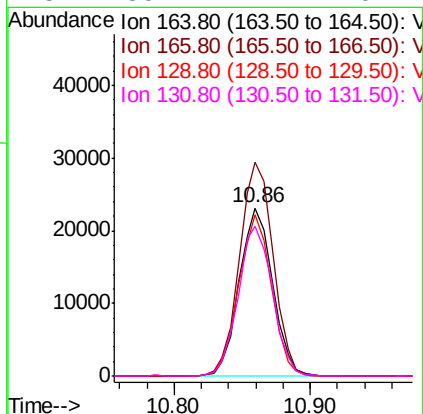
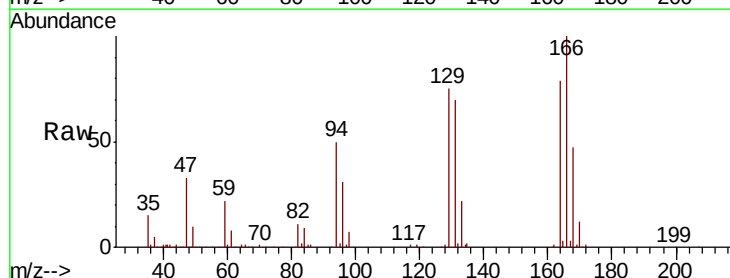
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

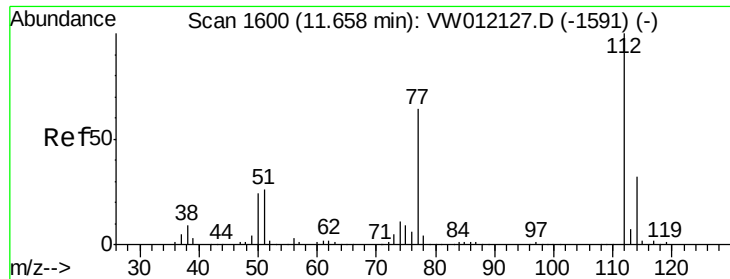
Tgt Ion:117 Resp: 290451
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.2 25.4 38.2



#64
Tetrachloroethene
Concen: 21.067 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion:164 Resp: 39670
Ion Ratio Lower Upper
164 100
166 127.3 102.4 153.6
129 95.8 75.8 113.6
131 89.1 71.4 107.2

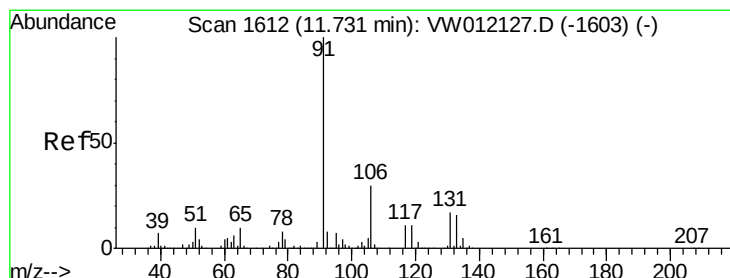
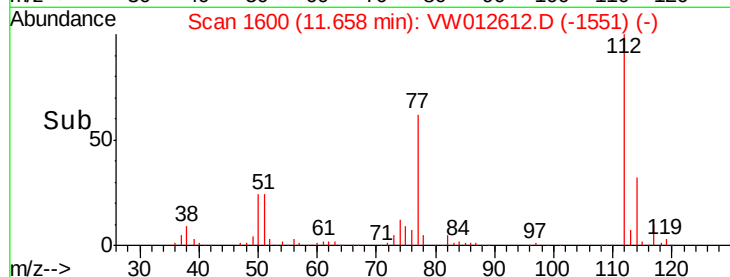
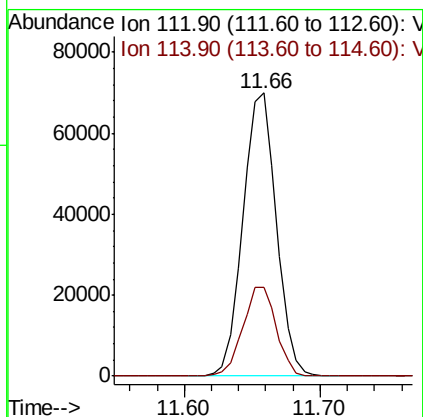
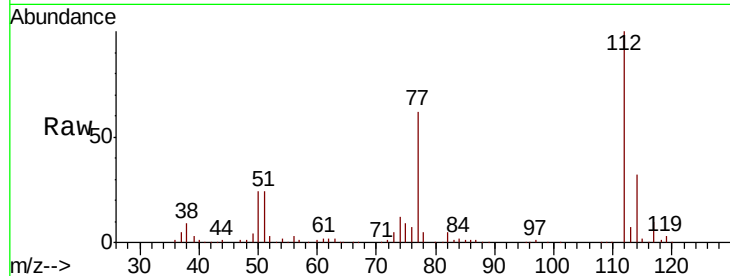




#65
Chlorobenzene
Concen: 21.020 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

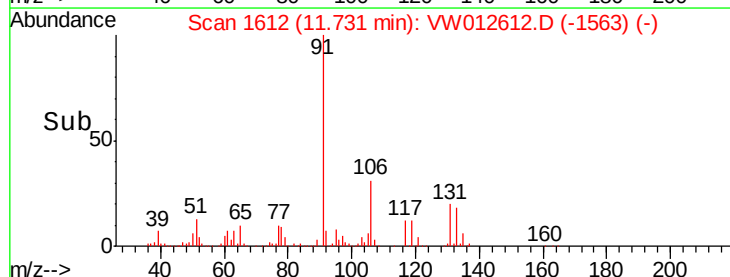
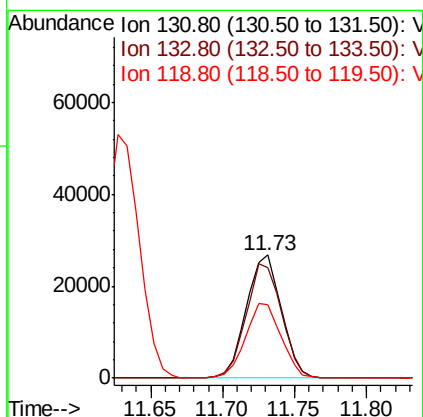
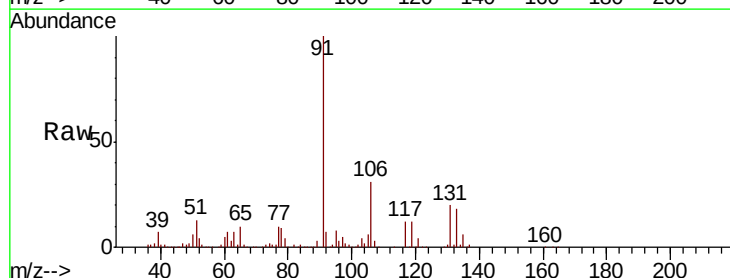
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

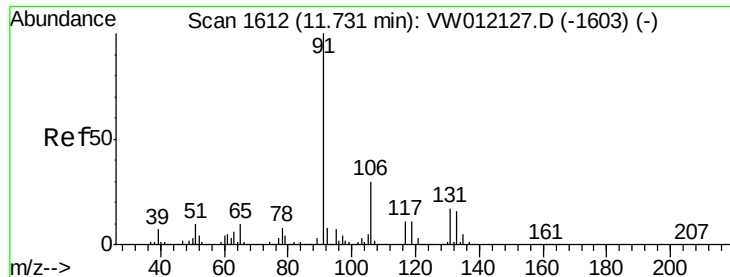
Tgt Ion:112 Resp: 120216
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.570 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion:131 Resp: 45032
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.3
119 62.0 31.8 95.3

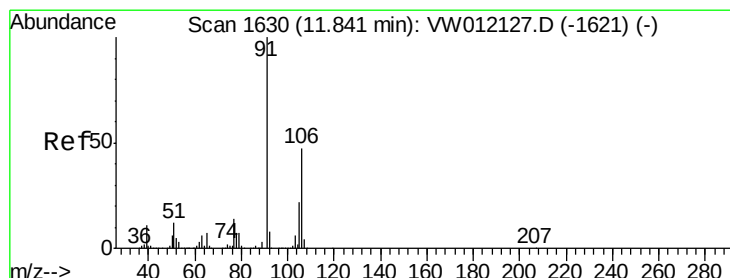
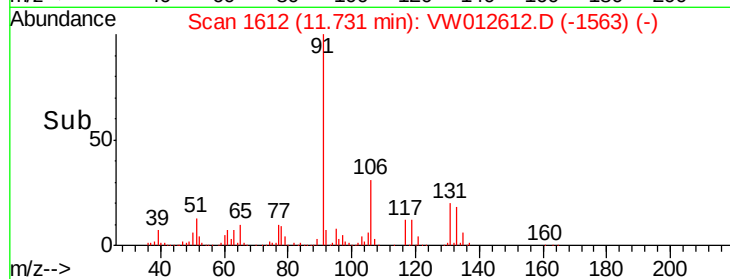
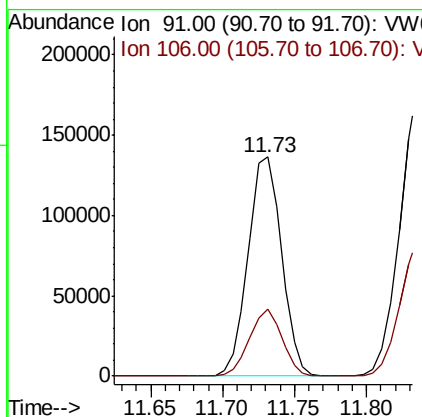
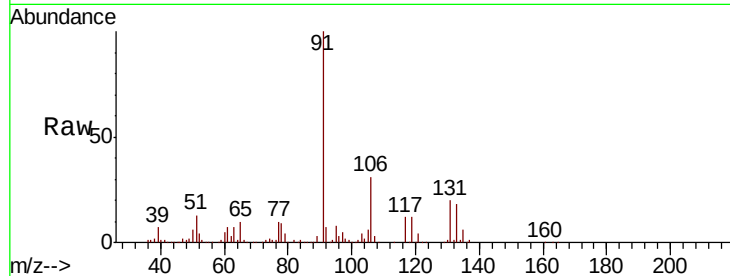




#67
Ethyl Benzene
Concen: 20.003 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

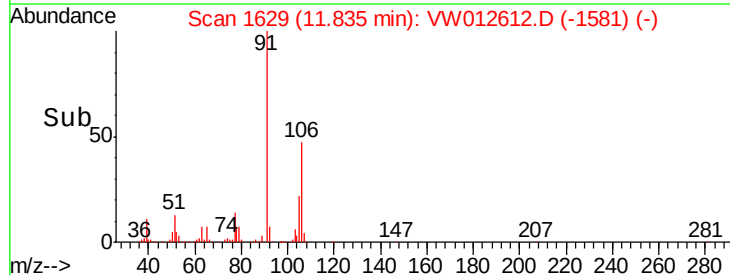
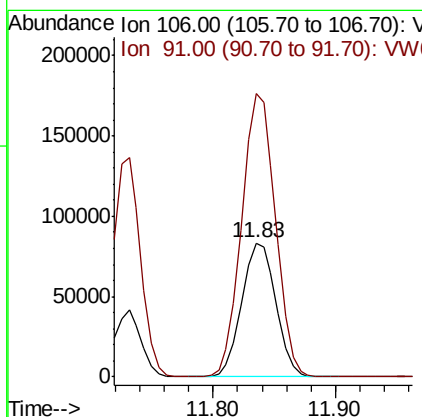
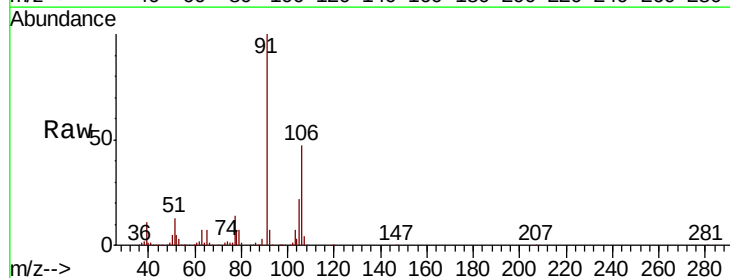
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

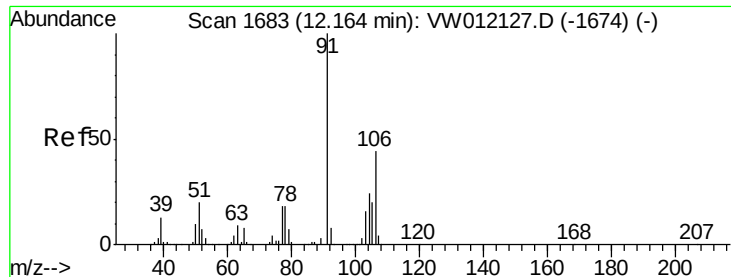
Tgt Ion: 91 Resp: 220381
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#68
m/p-Xylenes
Concen: 40.532 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion: 106 Resp: 160851
Ion Ratio Lower Upper
106 100
91 209.9 169.5 254.3

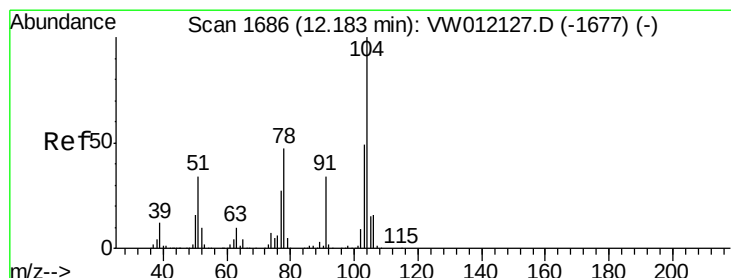
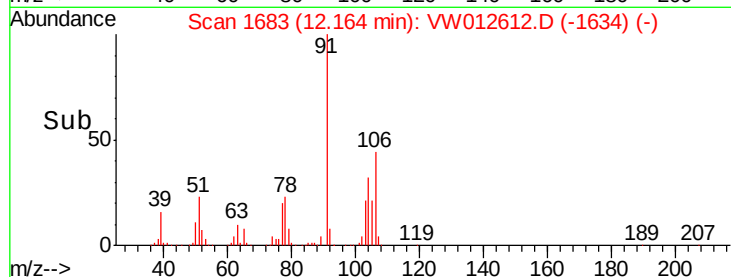
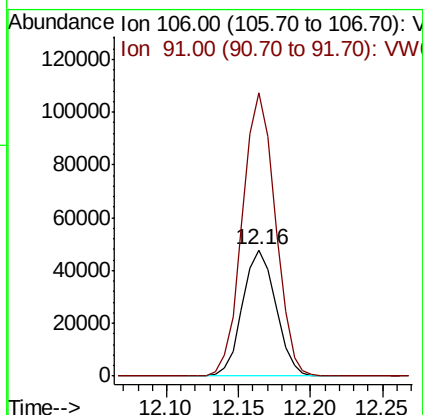
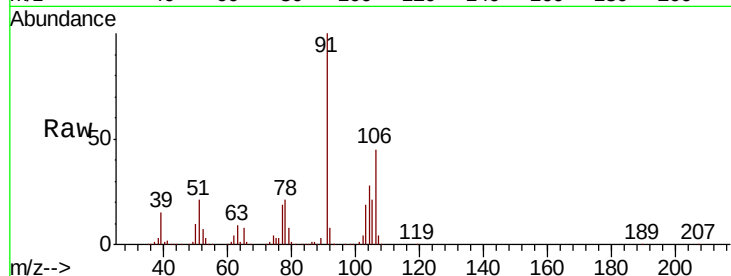




#69
o-Xylene
Concen: 20.857 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

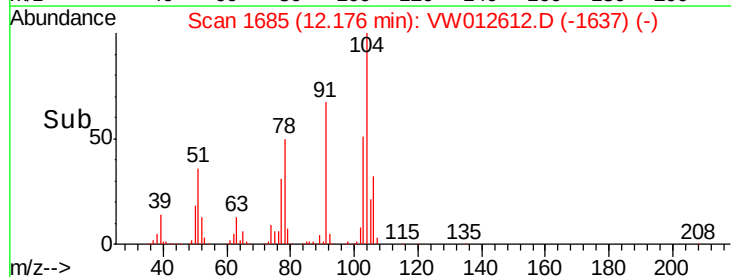
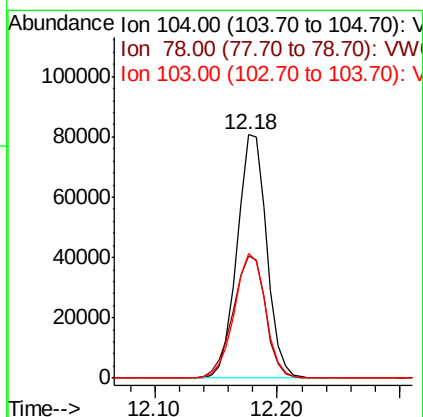
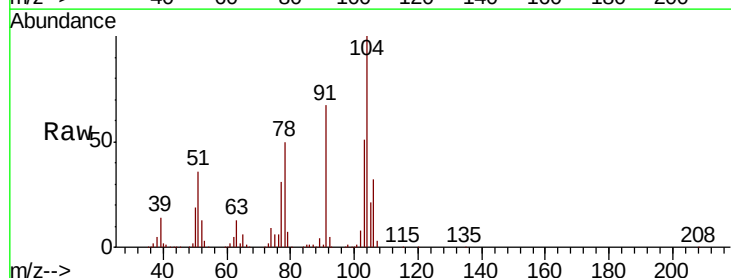
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

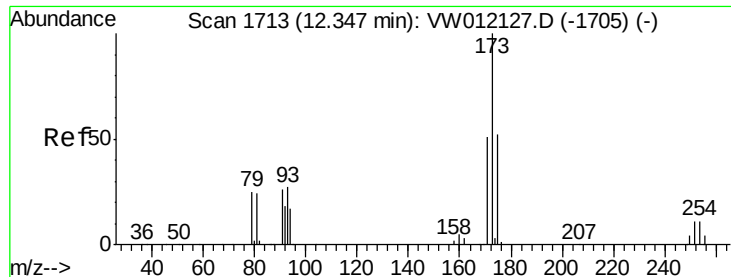
Tgt Ion:106 Resp: 76608
Ion Ratio Lower Upper
106 100
91 223.0 111.6 334.6



#70
Styrene
Concen: 21.203 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion:104 Resp: 134801
Ion Ratio Lower Upper
104 100
78 55.2 43.1 64.7
103 54.2 43.5 65.3





#71

Bromoform

Concen: 24.799 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

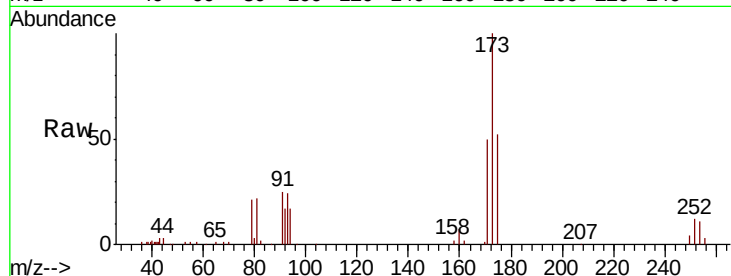
Tgt Ion:173 Resp: 24652

Ion Ratio Lower Upper

173 100

175 49.7 24.6 74.0

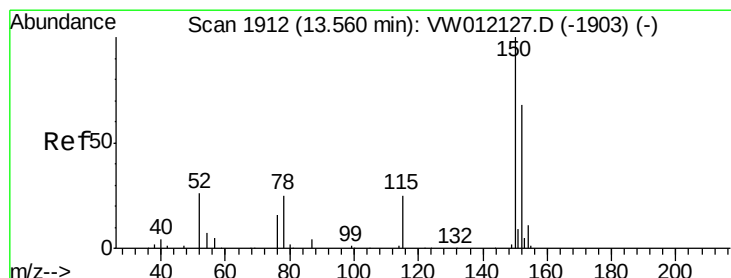
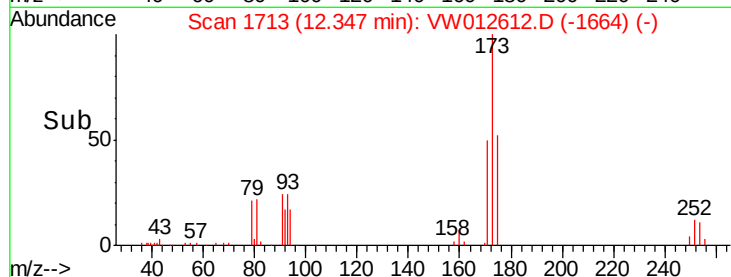
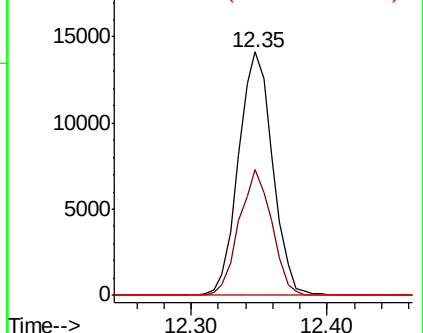
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

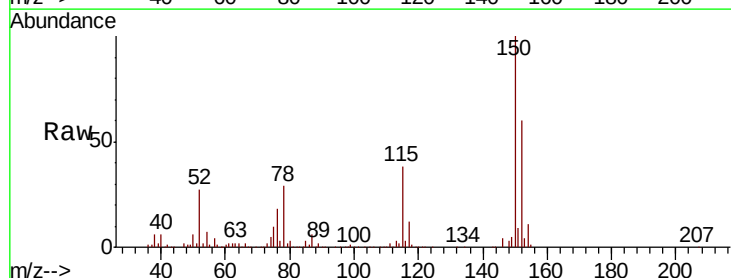
Tgt Ion:152 Resp: 141814

Ion Ratio Lower Upper

152 100

115 61.4 30.1 90.3

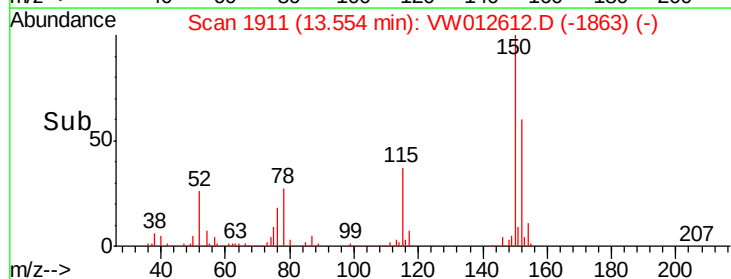
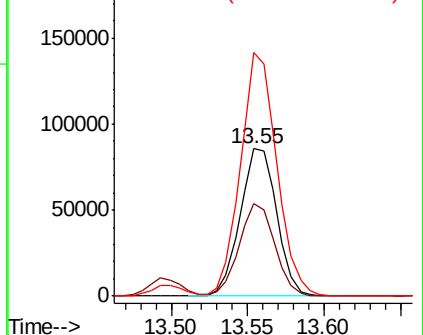
150 164.4 0.0 345.8

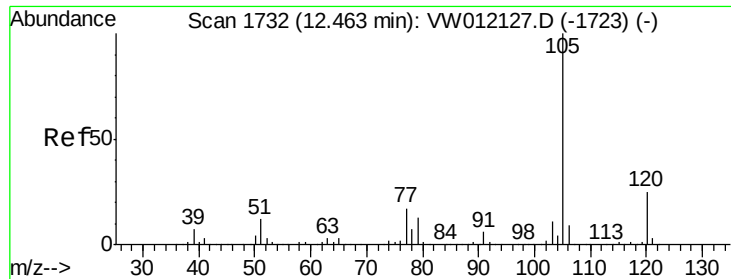


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

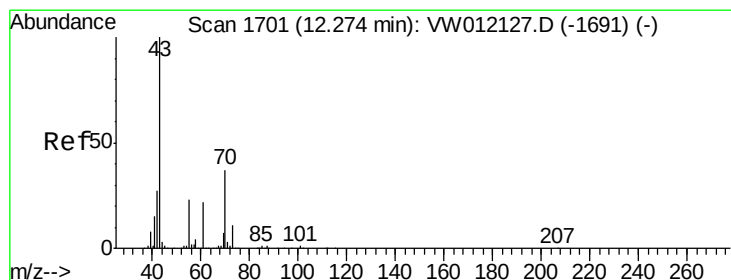
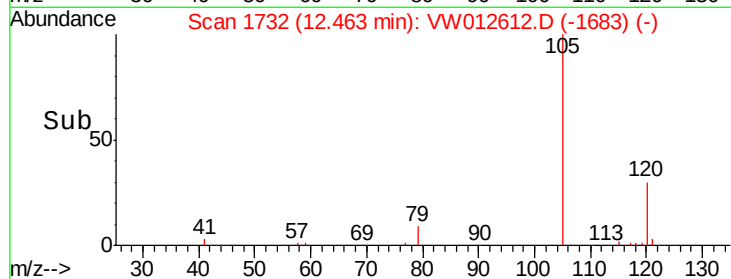
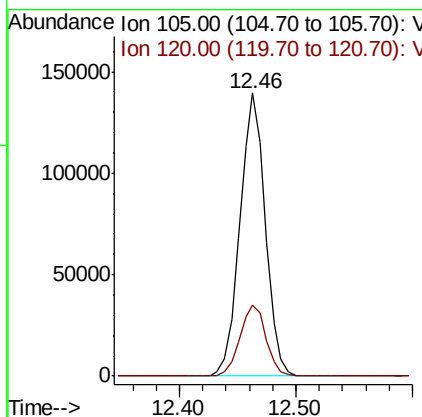
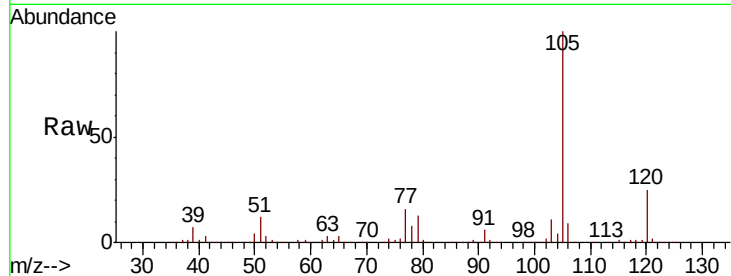




#73
Isopropylbenzene
Concen: 19.853 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

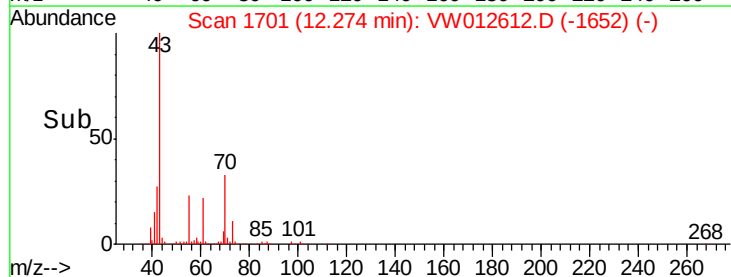
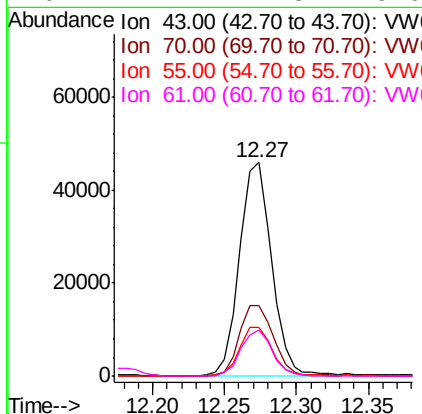
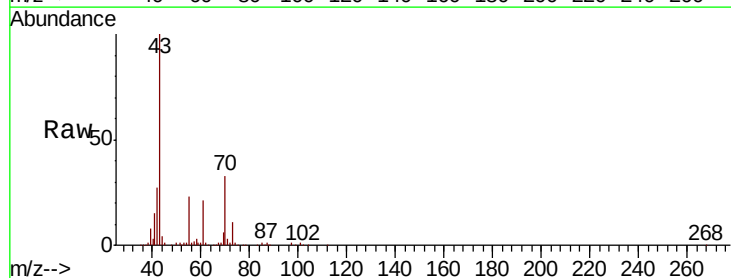
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

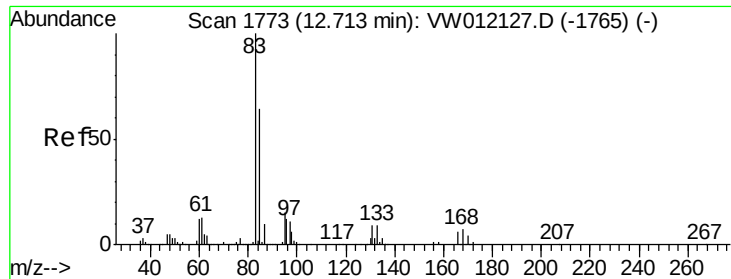
Tgt Ion: 105 Resp: 210961
Ion Ratio Lower Upper
105 100
120 25.8 12.5 37.5



#74
N-ethyl acetate
Concen: 22.307 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion: 43 Resp: 71618
Ion Ratio Lower Upper
43 100
70 35.2 28.6 43.0
55 23.4 17.8 26.6
61 21.1 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.077 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

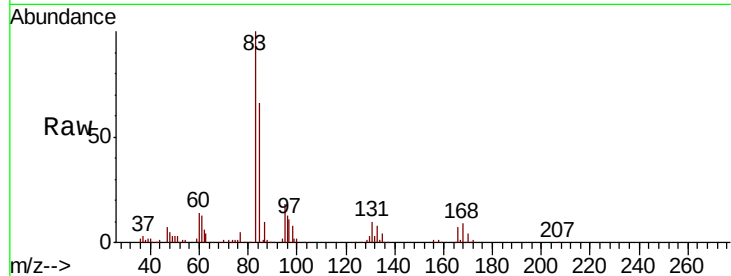
Tgt Ion: 83 Resp: 44957

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

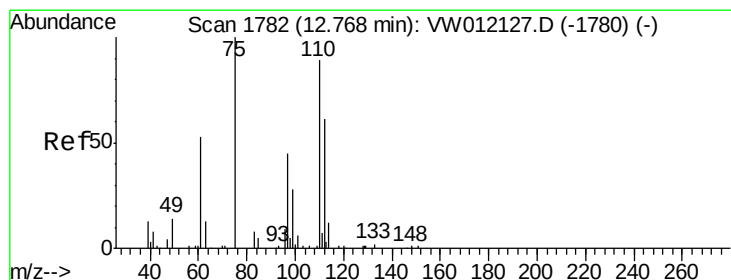
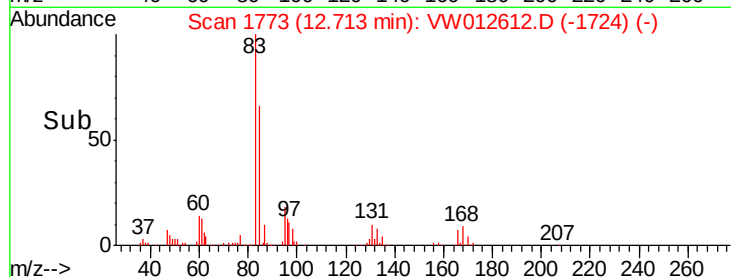
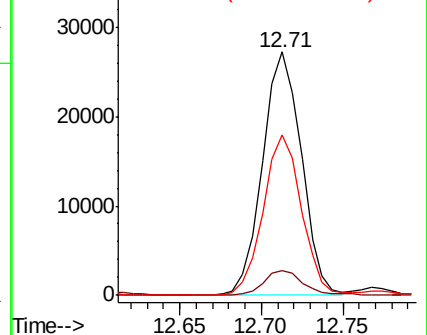
85 64.7 31.9 95.7



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: 42.663 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012612.D

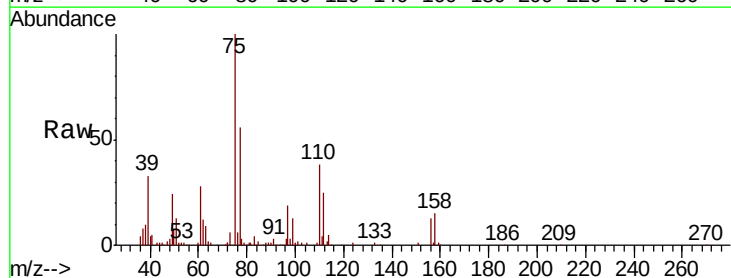
Acq: 05 Sep 2019 02:15

Tgt Ion: 75 Resp: 58925

Ion Ratio Lower Upper

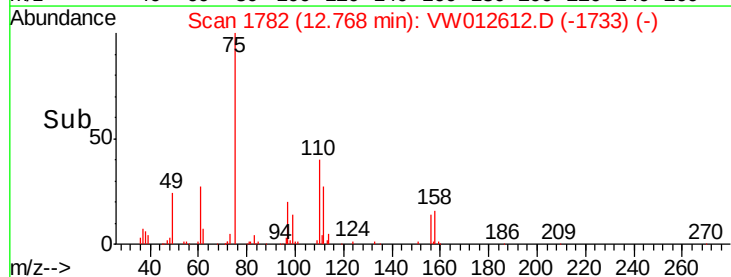
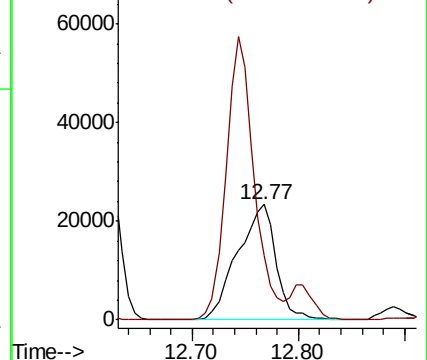
75 100

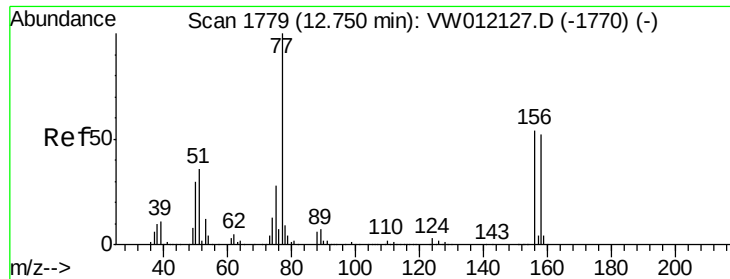
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.566 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

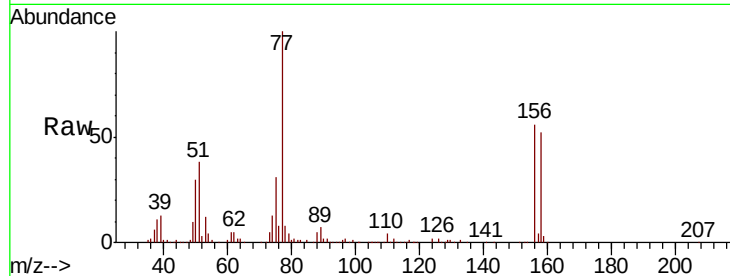
Tgt Ion:156 Resp: 49579

Ion Ratio Lower Upper

156 100

77 212.7 107.3 321.8

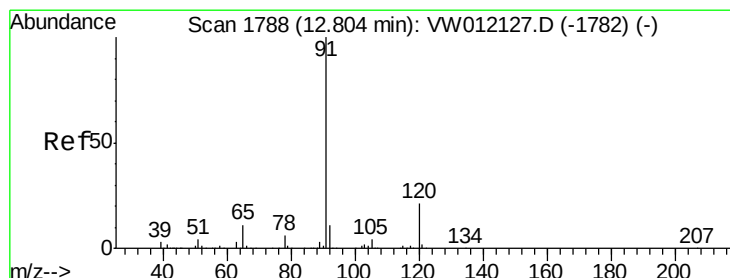
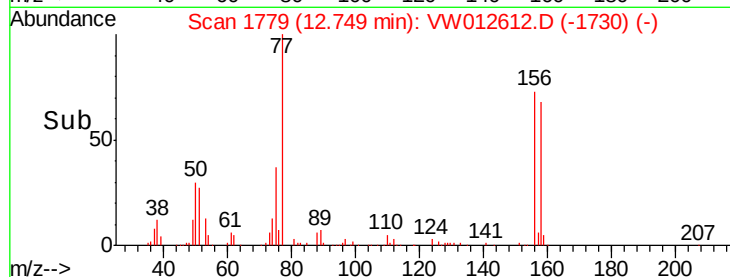
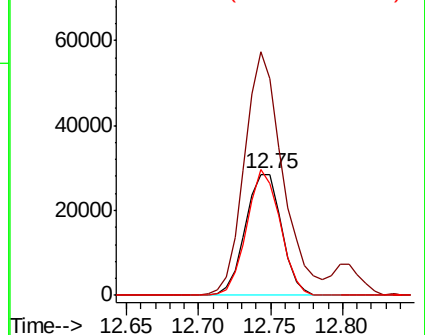
158 96.4 49.0 147.0



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: 19.448 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012612.D

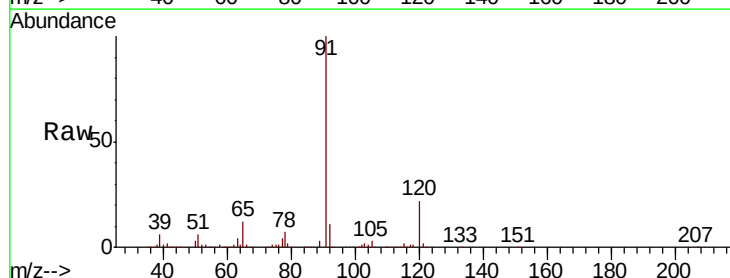
Acq: 05 Sep 2019 02:15

Tgt Ion: 91 Resp: 252293

Ion Ratio Lower Upper

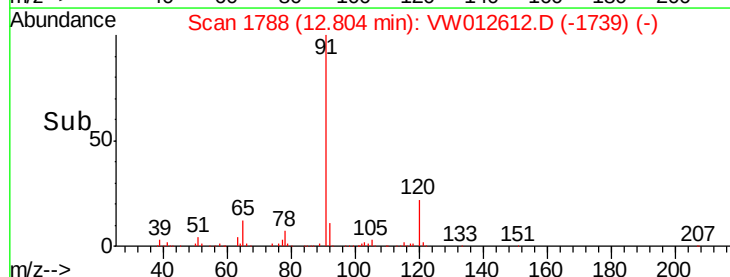
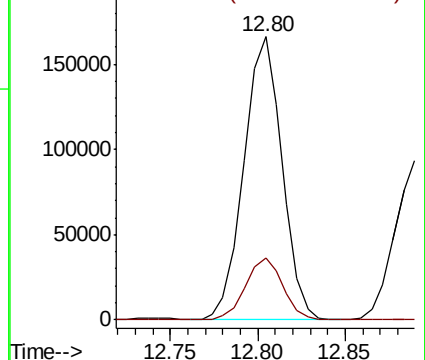
91 100

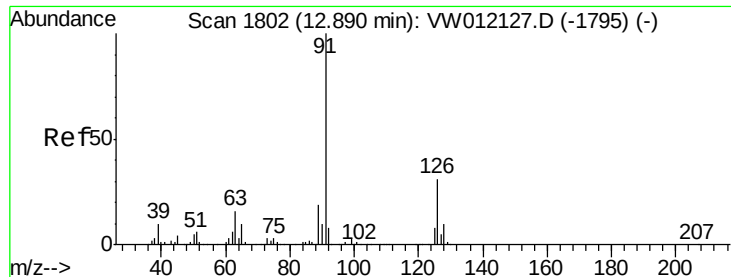
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

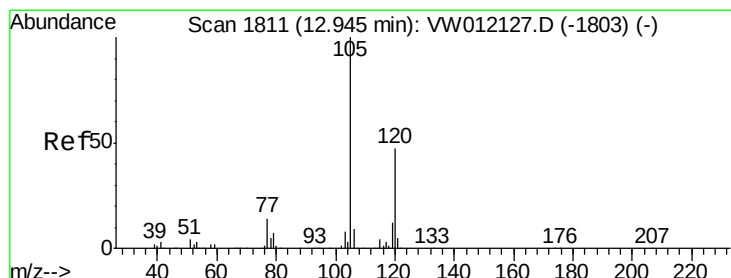
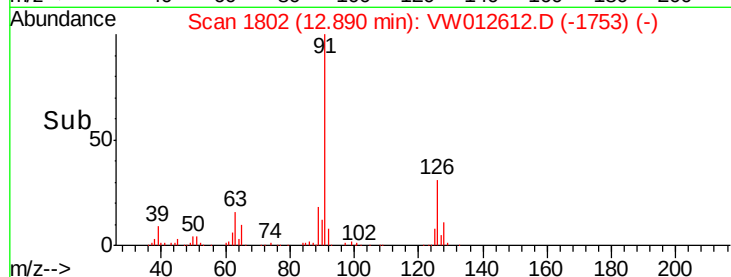
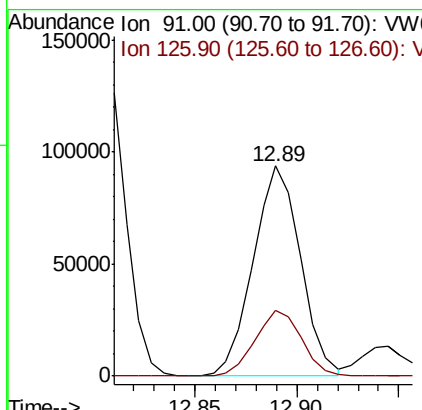
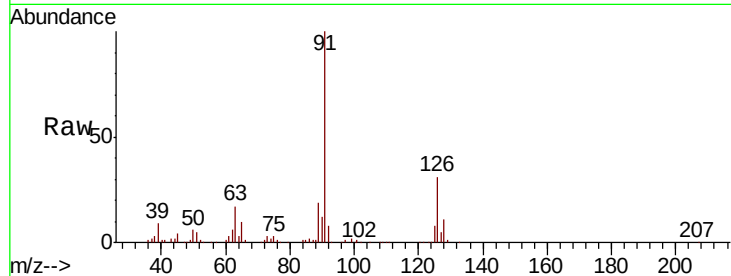




#79
 2-Chlorotoluene
 Concen: 20.475 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

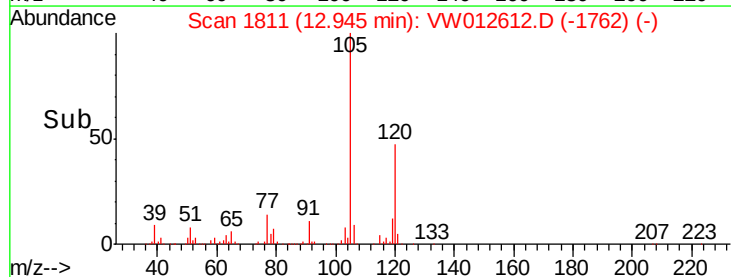
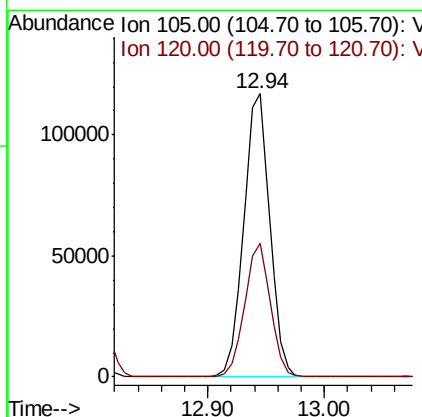
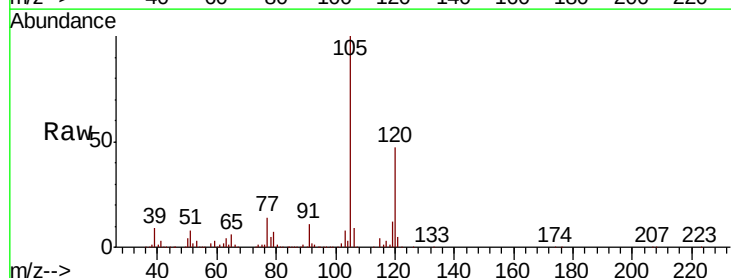
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

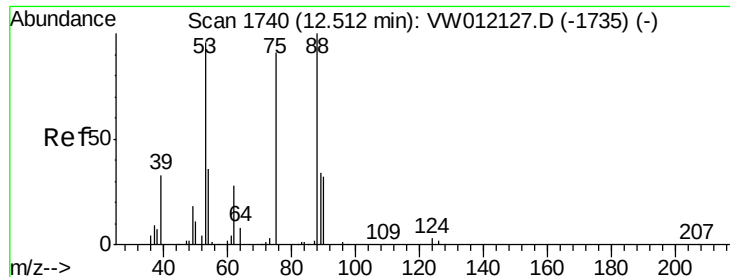
Tgt Ion: 91 Resp: 150803
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.558 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion: 105 Resp: 182540
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.422 ug/l

RT: 12.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

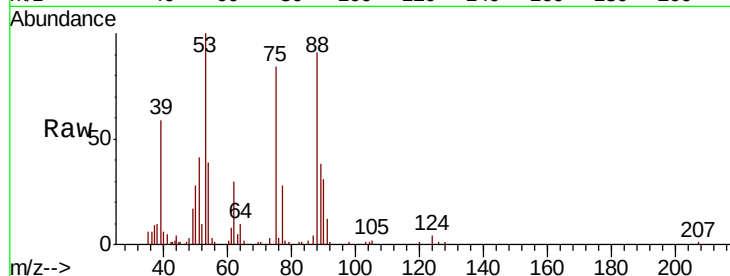
Tgt Ion: 75 Resp: 12235

Ion Ratio Lower Upper

75 100

53 125.7 89.4 134.0

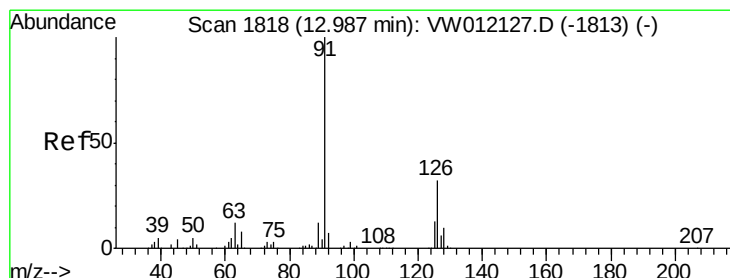
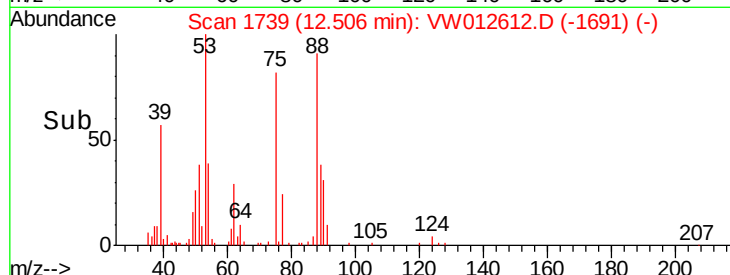
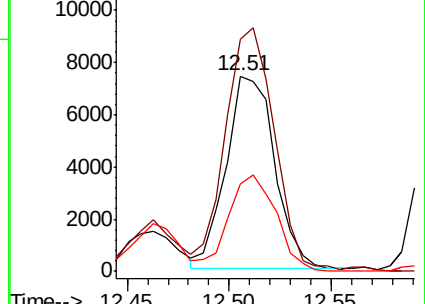
89 49.1 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.599 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012612.D

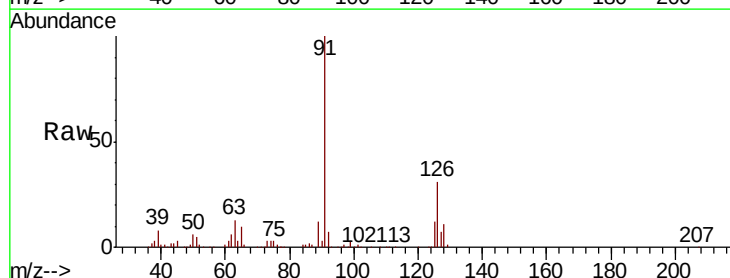
Acq: 05 Sep 2019 02:15

Tgt Ion: 91 Resp: 158855

Ion Ratio Lower Upper

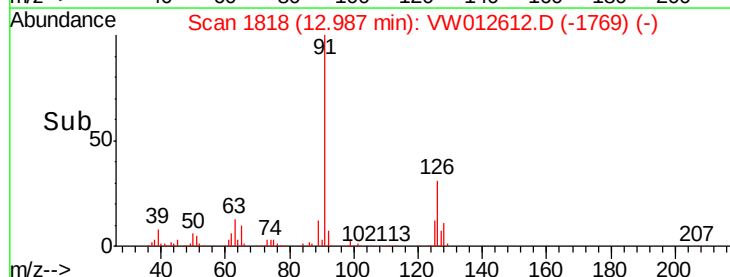
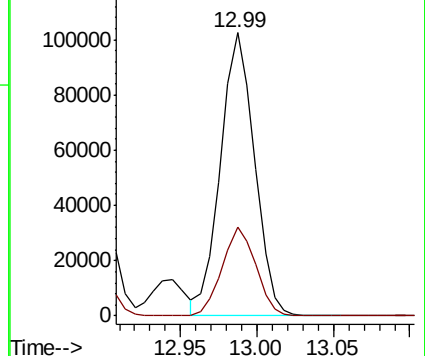
91 100

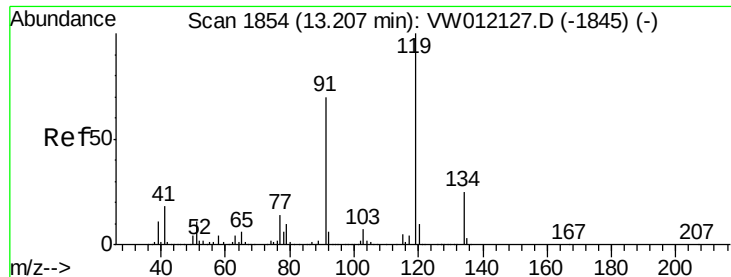
126 31.1 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

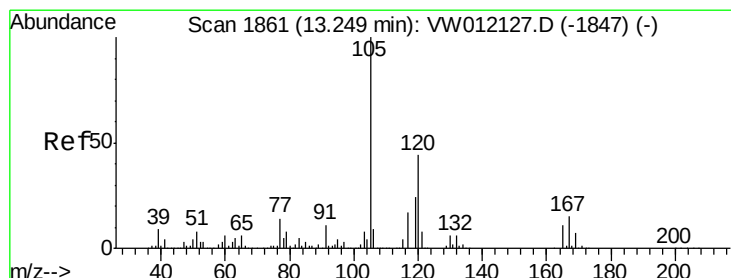
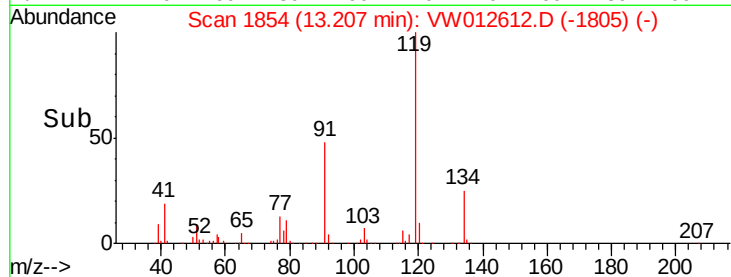
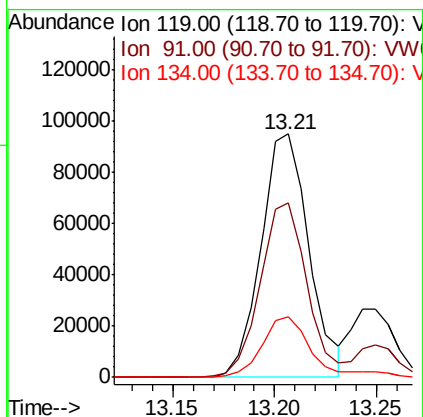
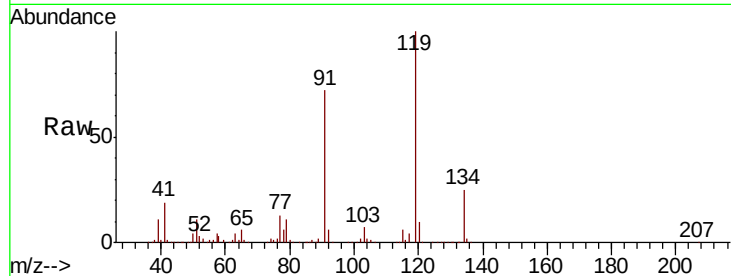




#83
 tert-Butylbenzene
 Concen: 20.626 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

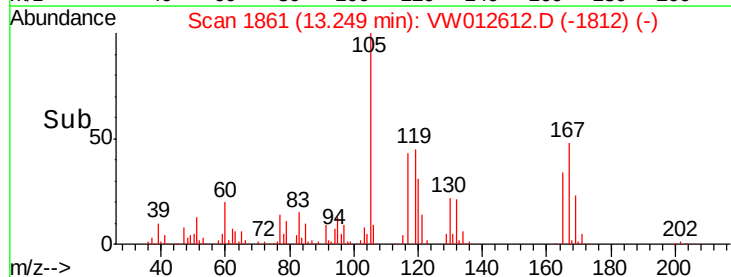
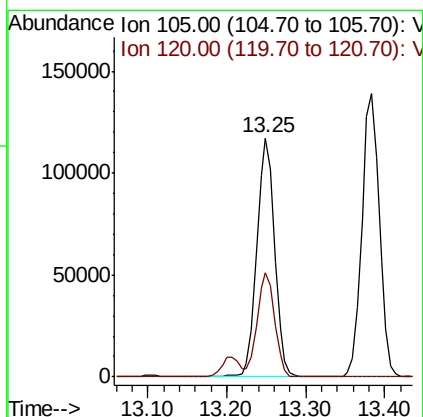
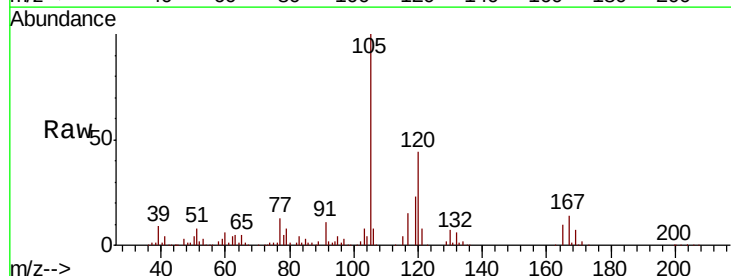
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

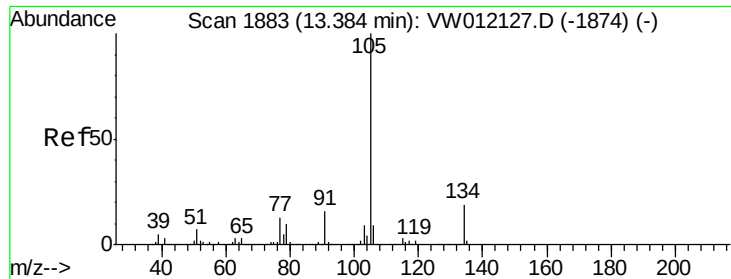
Tgt Ion:119 Resp: 155141
 Ion Ratio Lower Upper
 119 100
 91 69.9 34.8 104.3
 134 26.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.655 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion:105 Resp: 184229
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.9 65.7

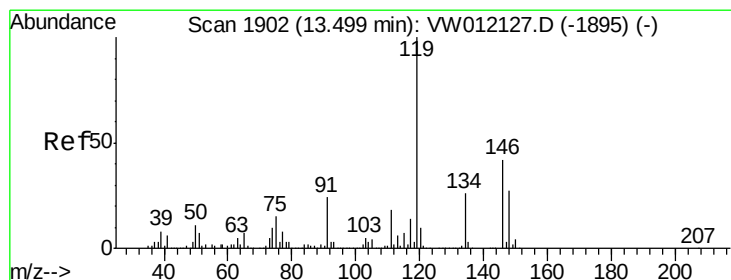
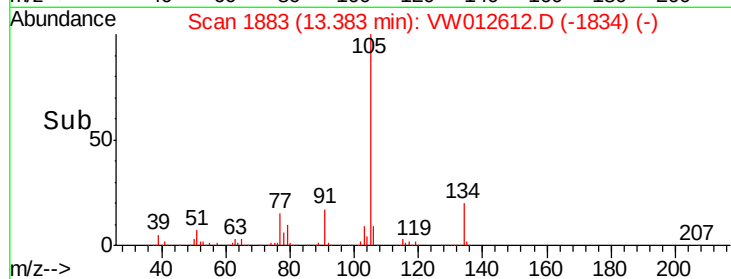
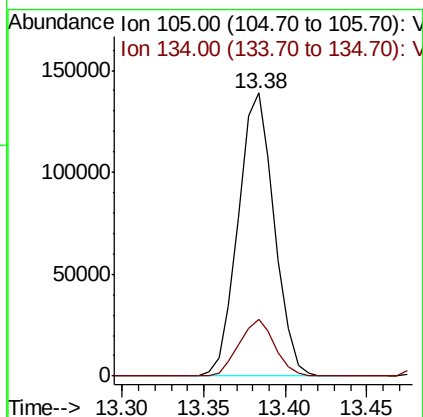
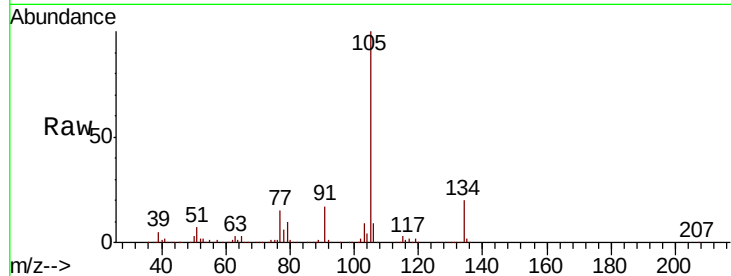




#85
 sec-Butylbenzene
 Concen: 19.854 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

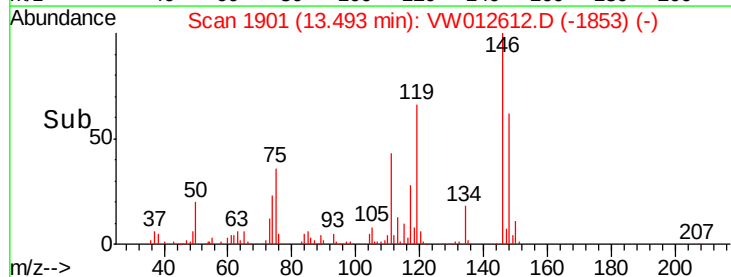
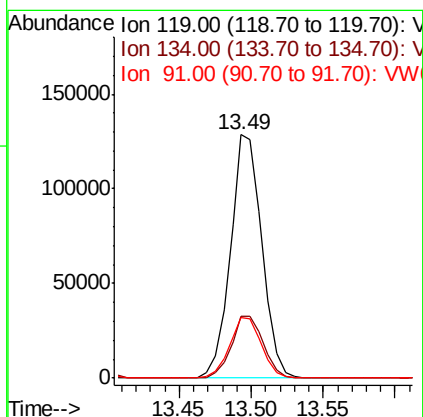
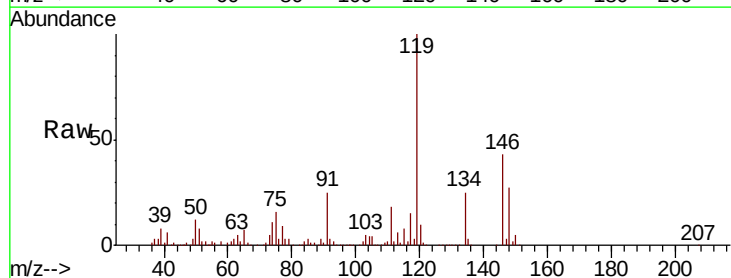
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

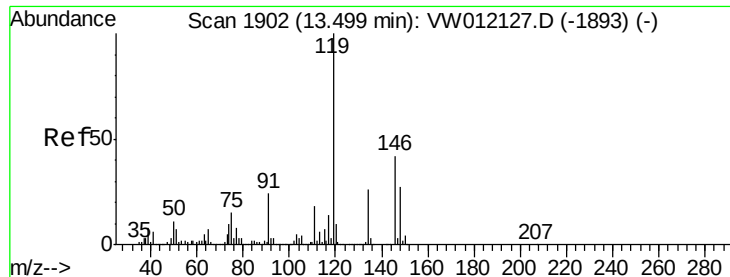
Tgt Ion:105 Resp: 213944
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.197 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion:119 Resp: 194368
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.5 12.3 36.9

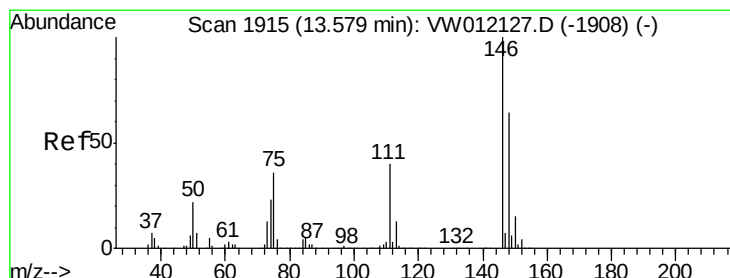
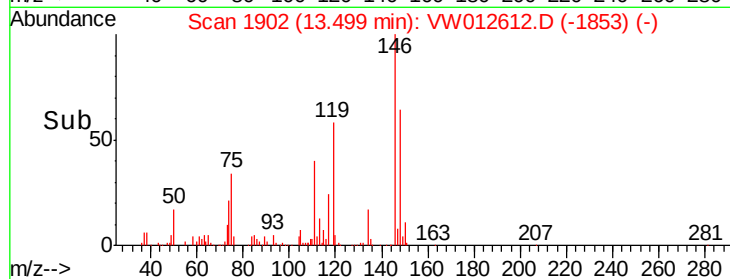
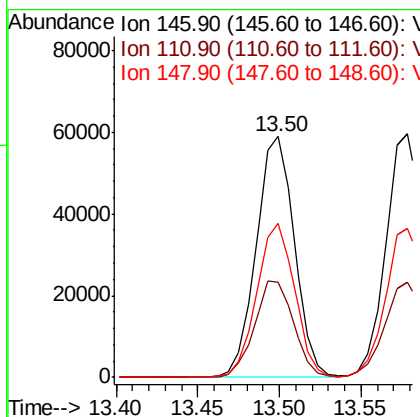
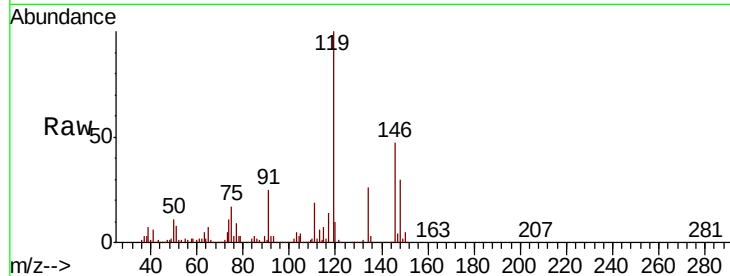




#87
 1,3-Dichlorobenzene
 Concen: 21.375 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

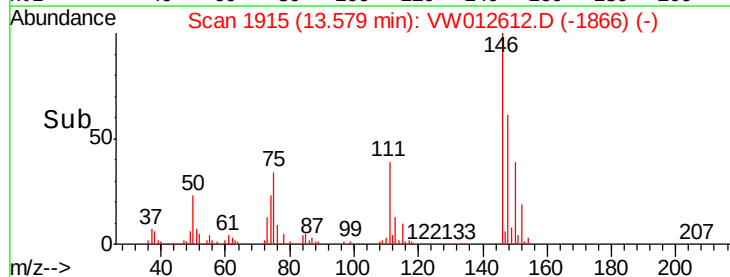
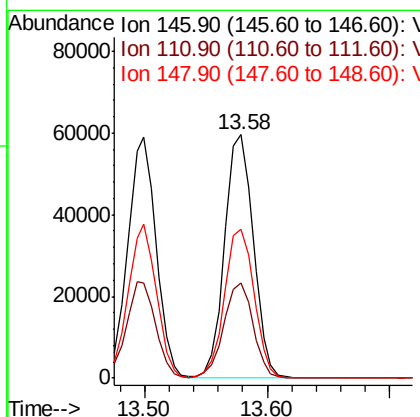
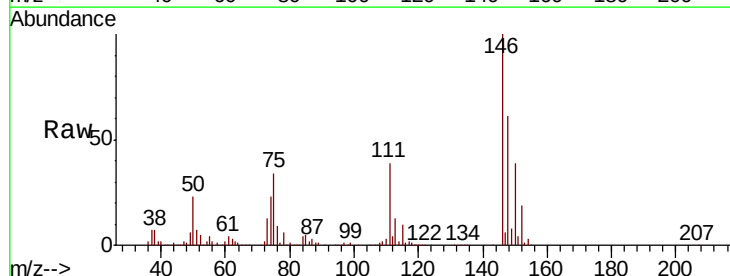
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

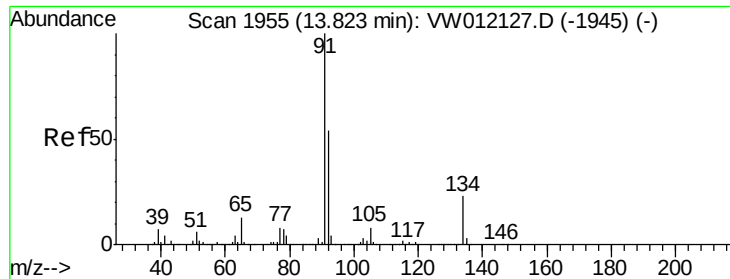
Tgt Ion:146 Resp: 96112
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.7
 148 63.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 21.704 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion:146 Resp: 96902
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 63.3 32.1 96.3





#89

n-Butylbenzene

Concen: 18.974 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012612.D

Acq: 05 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD02

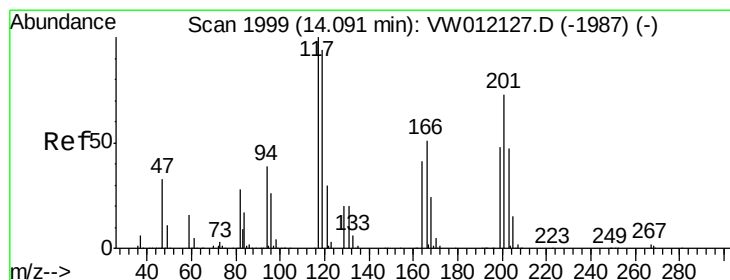
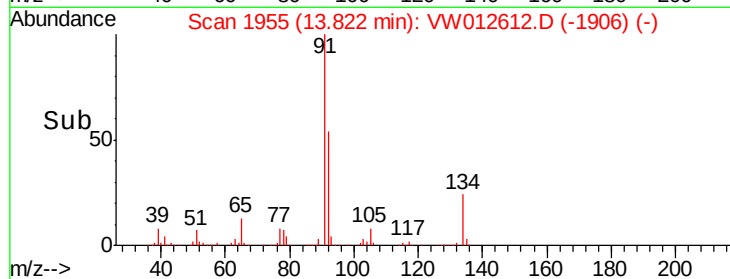
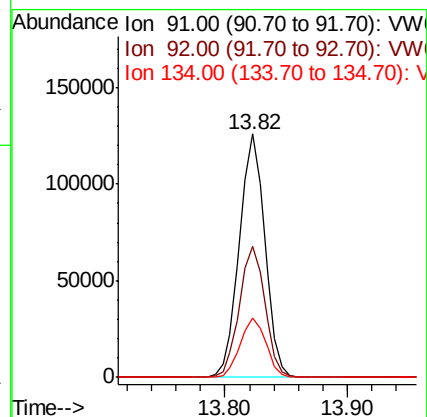
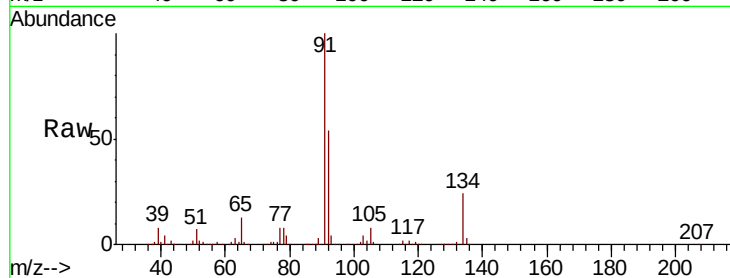
Tgt Ion: 91 Resp: 181577

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

134 24.4 12.2 36.4



#90

Hexachloroethane

Concen: 20.166 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012612.D

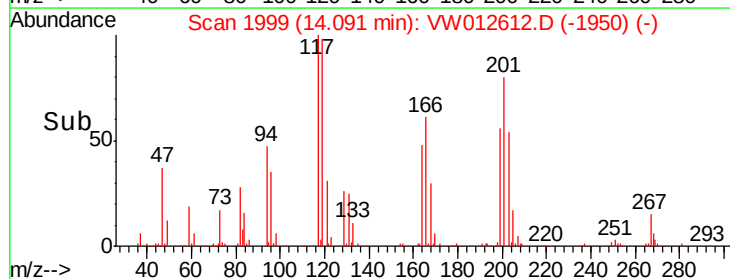
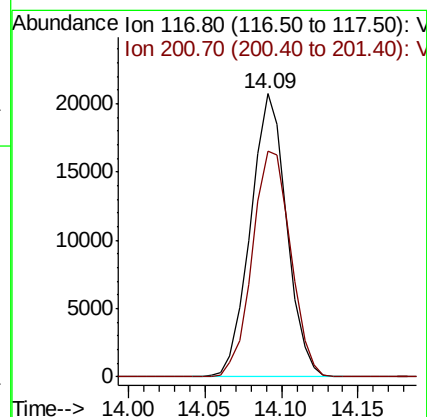
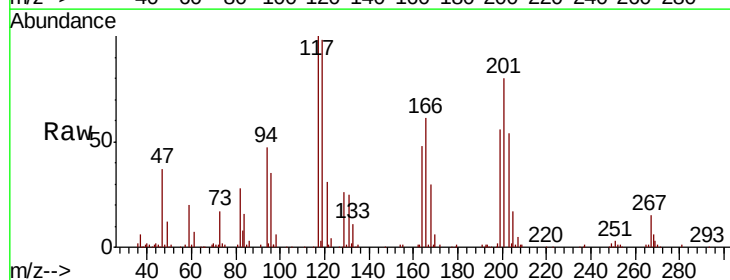
Acq: 05 Sep 2019 02:15

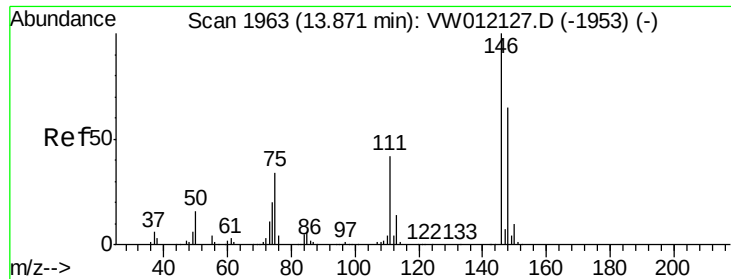
Tgt Ion: 117 Resp: 34049

Ion Ratio Lower Upper

117 100

201 85.0 38.6 115.7

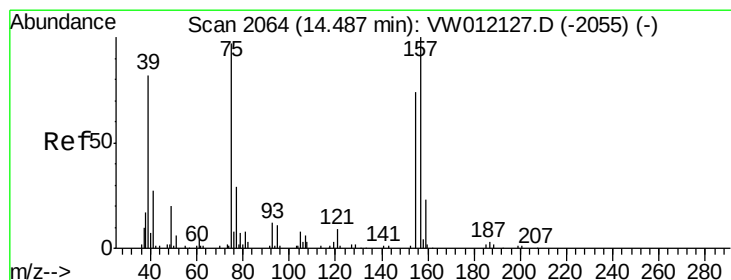
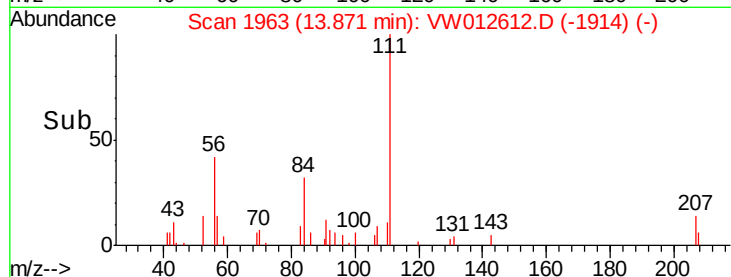
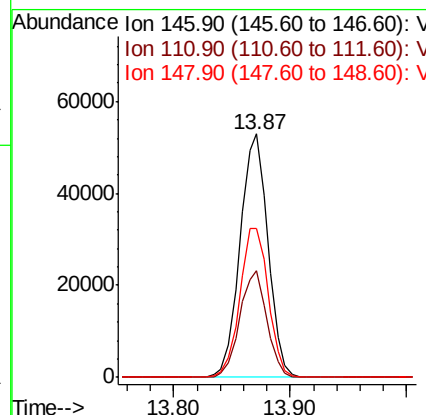
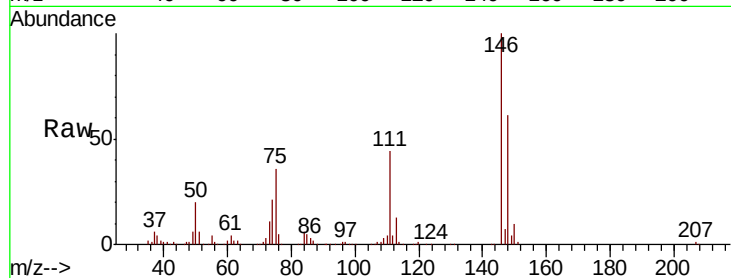




#91
 1,2-Dichlorobenzene
 Concen: 22.390 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

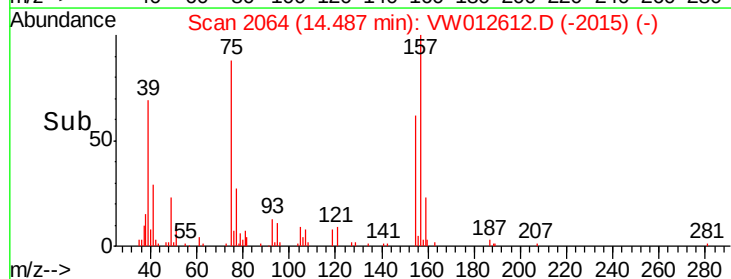
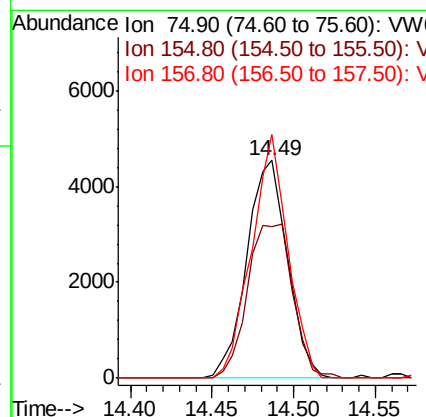
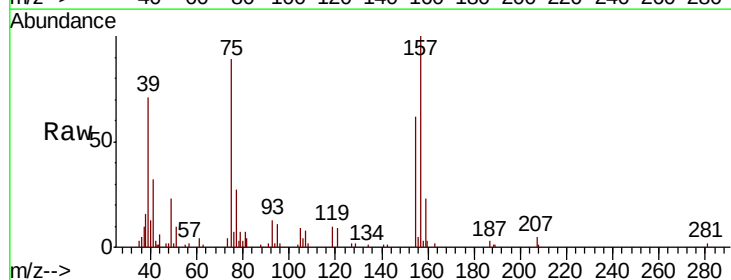
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

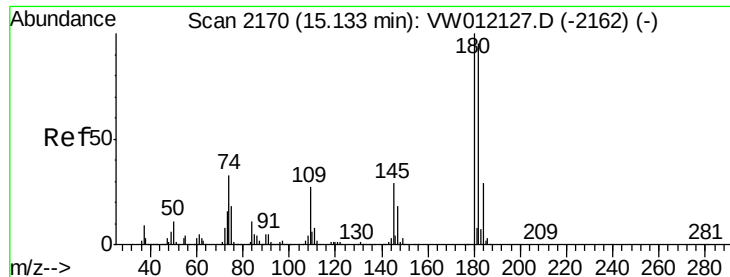
Tgt Ion:146 Resp: 88320
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.2 63.6
 148 62.7 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.061 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion: 75 Resp: 7902
 Ion Ratio Lower Upper
 75 100
 155 78.2 37.5 112.3
 157 99.8 50.5 151.5

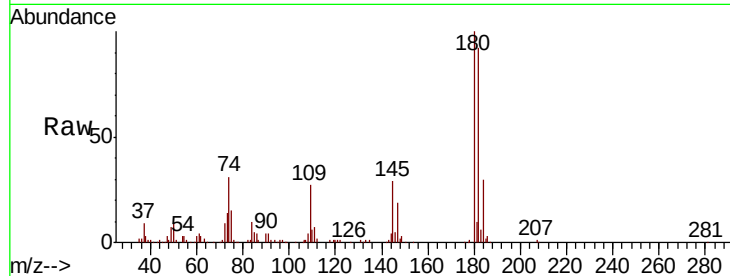




#93
 1,2,4-Trichlorobenzene
 Concen: 21.838 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.4
145	28.9	15.0	45.1

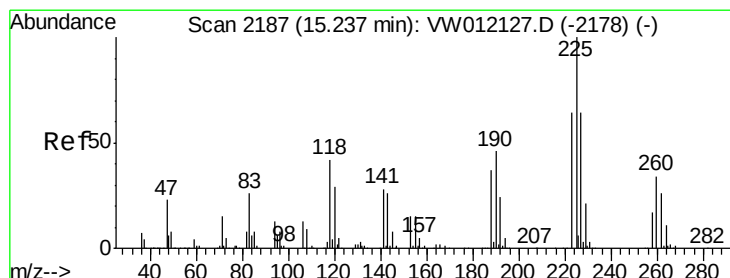
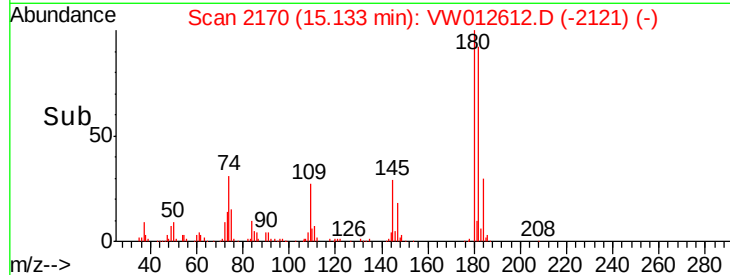
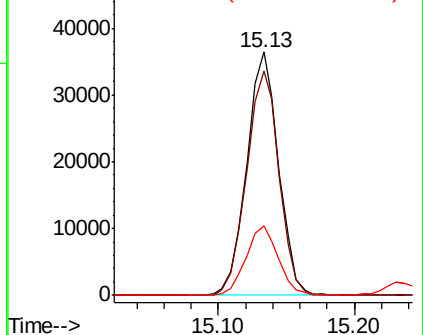


Abundance

Ion 179.80 (179.50 to 180.50): V

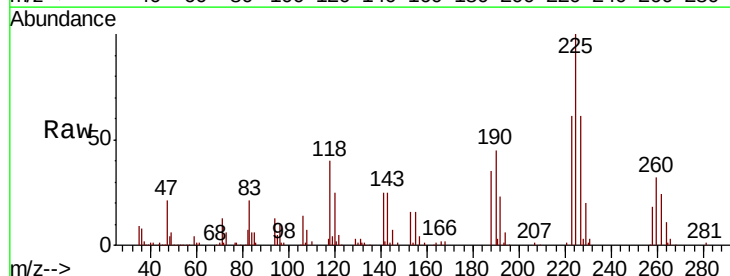
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.886 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012612.D
 Acq: 05 Sep 2019 02:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.3	96.8
227	63.9	32.9	98.6

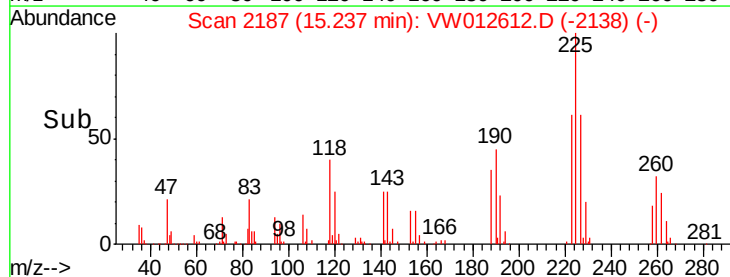
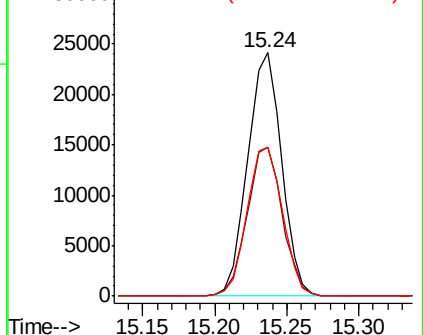


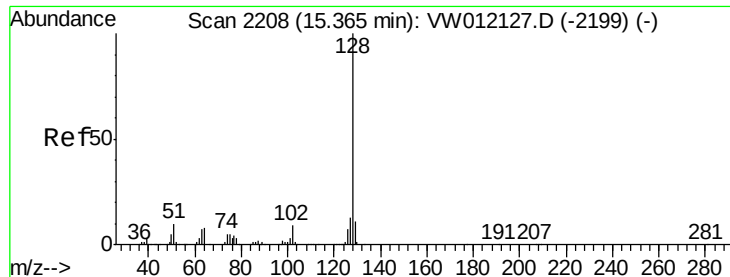
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

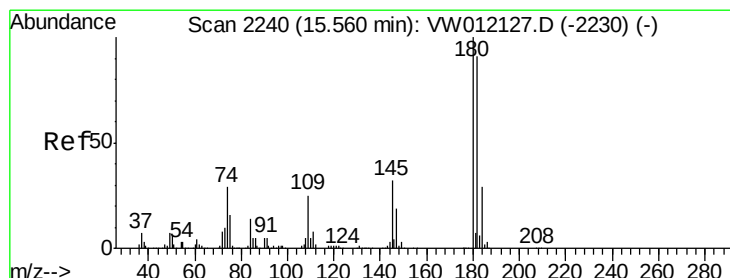
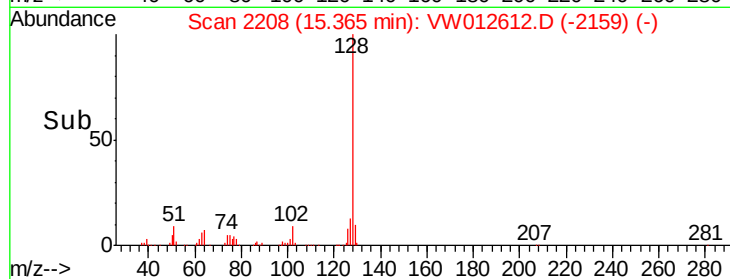
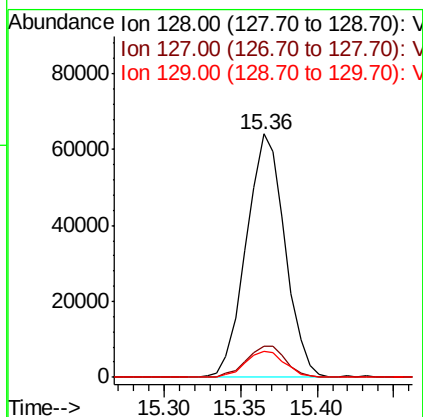
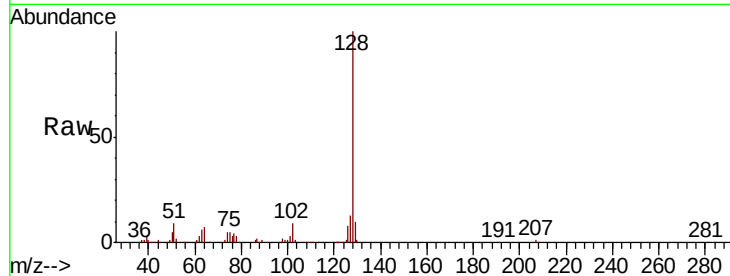




#95
Naphthalene
Concen: 23.543 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD02

Tgt Ion:128 Resp: 112545
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.598 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012612.D
Acq: 05 Sep 2019 02:15

Tgt Ion:180 Resp: 53745
Ion Ratio Lower Upper
180 100
182 94.9 47.1 141.3
145 31.6 16.2 48.5

