

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
 Data File : VW012467.D
 Acq On : 02 Sep 2019 00:40
 Operator : SY/VA
 Sample : VW0901SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

Quant Time: Sep 02 07:23:53 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	179400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	286460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121308	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	123370	57.85	ug/l	0.00
Spiked Amount			Recovery	=	115.70%	
35) Dibromofluoromethane	7.88	113	94789	55.44	ug/l	0.00
Spiked Amount			Recovery	=	110.88%	
50) Toluene-d8	10.32	98	375024	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
62) 4-Bromofluorobenzene	12.62	95	135515	55.45	ug/l	0.00
Spiked Amount			Recovery	=	110.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	17991	16.287	ug/l	98
3) Chloromethane	2.21	50	35122	20.522	ug/l	99
4) Vinyl Chloride	2.36	62	41368	19.749	ug/l	93
5) Bromomethane	2.75	94	22493	21.203	ug/l	99
6) Chloroethane	2.92	64	24390	20.641	ug/l	95
7) Trichlorofluoromethane	3.25	101	22576	21.464	ug/l	92
8) Diethyl Ether	3.68	74	19986	20.019	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36878	20.627	ug/l	97
10) Methyl Iodide	4.27	142	47340	19.570	ug/l	97
11) Tert butyl alcohol	5.15	59	16081	125.300	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	34977	19.437	ug/l	94
13) Acrolein	3.89	56	9598	79.447	ug/l	96
14) Allyl chloride	4.67	41	76694	19.936	ug/l	99
15) Acrylonitrile	5.37	53	55550	112.257	ug/l	98
16) Acetone	4.11	43	51756	94.940	ug/l	98
17) Carbon Disulfide	4.38	76	89578	16.472	ug/l	100
18) Methyl Acetate	4.67	43	34987	25.912	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	66637	22.899	ug/l	99
20) Methylene Chloride	4.92	84	41012	19.900	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	37209	19.283	ug/l	95
22) Diisopropyl ether	6.31	45	153269	21.494	ug/l	97
23) Vinyl Acetate	6.25	43	440832	100.454	ug/l	98
24) 1,1-Dichloroethane	6.21	63	80647	20.771	ug/l	99
25) 2-Butanone	7.17	43	77363	104.433	ug/l	99
26) 2,2-Dichloropropane	7.17	77	45799	20.841	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	42745	20.733	ug/l	98
28) Bromochloromethane	7.51	49	36779	21.734	ug/l	97
29) Tetrahydrofuran	7.53	42	50929	114.591	ug/l	99
30) Chloroform	7.67	83	78082	21.982	ug/l	96
31) Cyclohexane	7.95	56	71141	18.520	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	61253	21.798	ug/l	96
36) 1,1-Dichloropropene	8.08	75	60272	20.361	ug/l	100
37) Ethyl Acetate	7.25	43	35555	21.918	ug/l	99
38) Carbon Tetrachloride	8.06	117	55658	21.723	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62775	18.876	ug/l	97
40) Benzene	8.32	78	164632	20.367	ug/l	99
41) Methacrylonitrile	7.48	41	21744	22.807	ug/l	97
42) 1,2-Dichloroethane	8.40	62	56779	22.413	ug/l	98
43) Isopropyl Acetate	8.42	43	65901	21.932	ug/l	100
44) Trichloroethene	9.09	130	41030	20.881	ug/l	96
45) 1,2-Dichloropropane	9.37	63	44466	20.440	ug/l	99
46) Dibromomethane	9.46	93	20924	21.618	ug/l	98
47) Bromodichloromethane	9.65	83	56589	21.968	ug/l	98
48) Methyl methacrylate	9.43	41	31085	21.736	ug/l	96
49) 1,4-Dioxane	9.45	88	7232	488.071	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	173890	113.779	ug/l	99
52) Toluene	10.38	92	101548	20.912	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	54797	20.883	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	63538	20.054	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29992	21.901	ug/l	98
56) Ethyl methacrylate	10.65	69	43280	21.715	ug/l	98
57) 1,3-Dichloropropane	10.93	76	57037	22.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	111794	109.289	ug/l	99
59) 2-Hexanone	10.97	43	118549	109.628	ug/l	98
60) Dibromochloromethane	11.13	129	33169	21.745	ug/l	99
61) 1,2-Dibromoethane	11.23	107	28008	21.953	ug/l	100
64) Tetrachloroethene	10.86	164	36047	22.754	ug/l	97
65) Chlorobenzene	11.66	112	101734	21.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	37273	22.206	ug/l	99
67) Ethyl Benzene	11.73	91	194659	21.002	ug/l	98
68) m/p-Xylenes	11.84	106	140808	42.176	ug/l	99
69) o-Xylene	12.16	106	65969	21.349	ug/l	100
70) Styrene	12.18	104	116696	21.819	ug/l	99
71) Bromoform	12.35	173	19515	23.335	ug/l	96
73) Isopropylbenzene	12.46	105	185404	20.397	ug/l	99
74) N-amyl acetate	12.27	43	59542	21.681	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	36303	21.785	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47357	40.084	ug/l #	100
77) Bromobenzene	12.74	156	41876	21.295	ug/l	99
78) n-propylbenzene	12.80	91	226767	20.435	ug/l	99
79) 2-Chlorotoluene	12.89	91	132316	21.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	160802	21.171	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10611	19.692	ug/l	93
82) 4-Chlorotoluene	12.99	91	139838	21.198	ug/l	99
83) tert-Butylbenzene	13.21	119	139097	21.619	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	160350	21.016	ug/l	100
85) sec-Butylbenzene	13.38	105	193163	20.956	ug/l	100
86) p-Isopropyltoluene	13.50	119	172958	21.010	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	81494	21.187	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	80813	21.160	ug/l	99
89) n-Butylbenzene	13.82	91	167576	20.470	ug/l	100
90) Hexachloroethane	14.09	117	30443	21.078	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	74249	22.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6794	24.184	ug/l	91

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

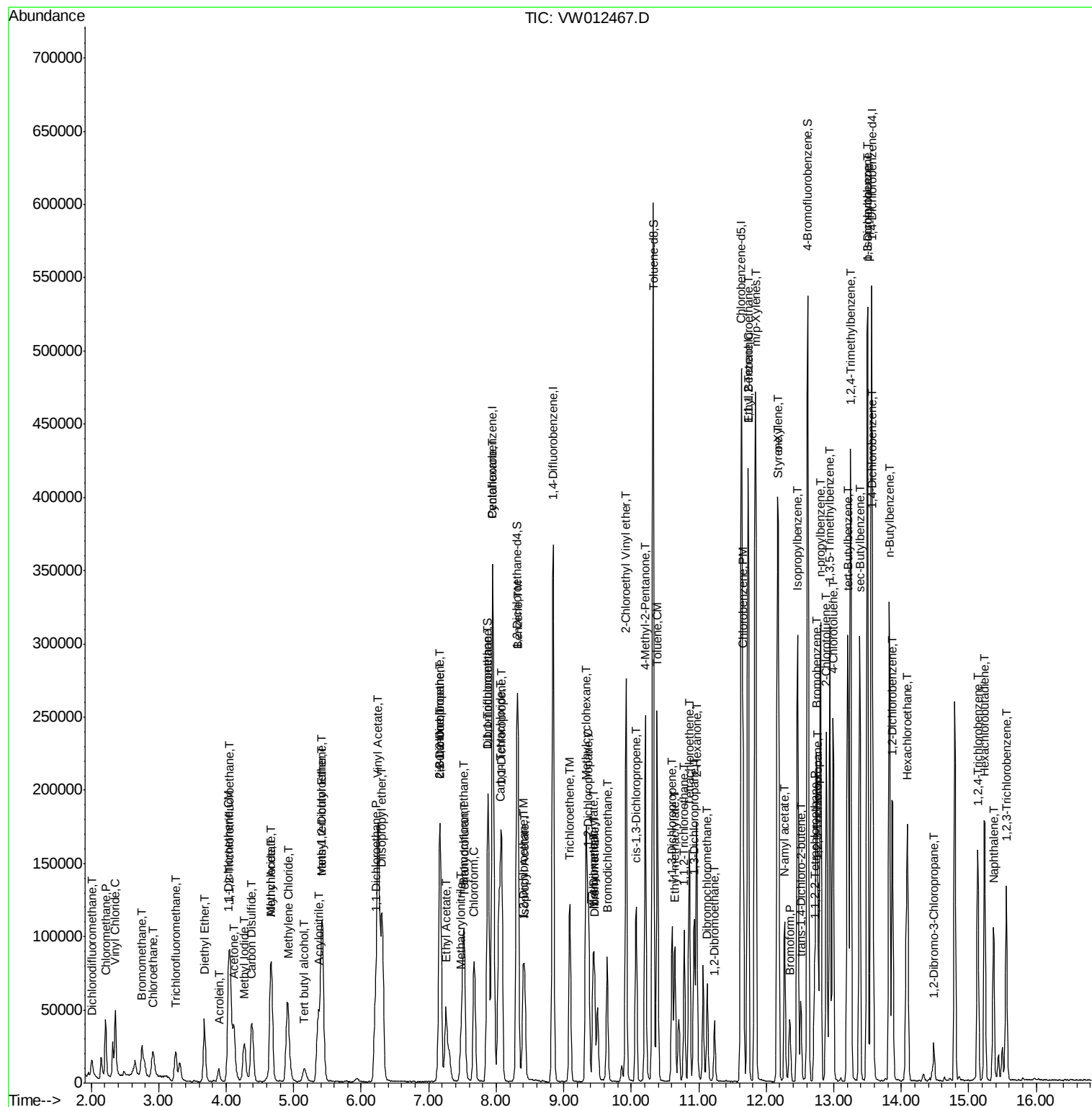
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	49504	21.230	ug/l	99
94) Hexachlorobutadiene	15.24	225	35105	22.800	ug/l	99
95) Naphthalene	15.36	128	83069	20.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	43440	21.352	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

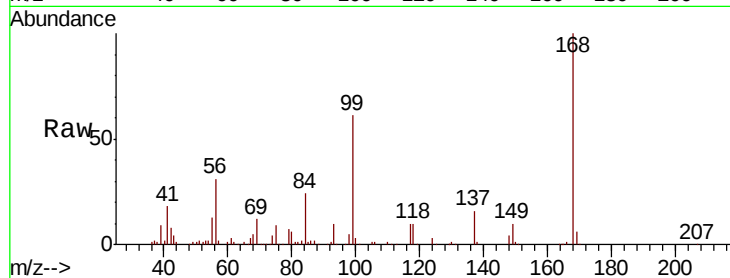
VW0901SBSD02

Tgt Ion:168 Resp: 179400

Ion Ratio Lower Upper

168 100

99 60.4 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

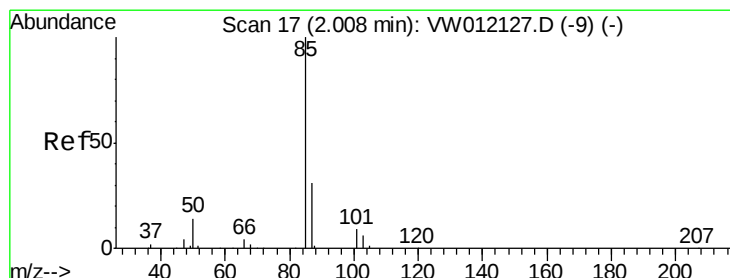
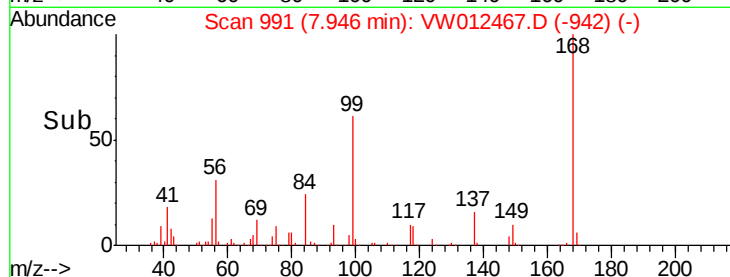
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.287 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012467.D

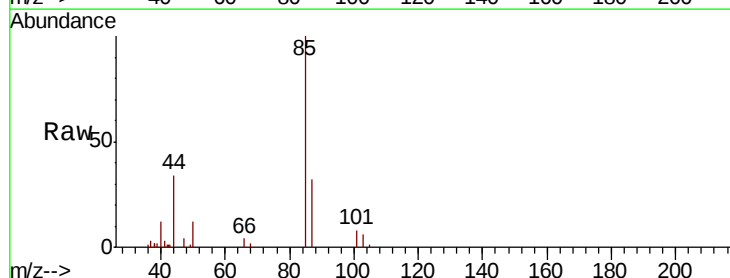
Acq: 02 Sep 2019 00:40

Tgt Ion: 85 Resp: 17991

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

4000

2000

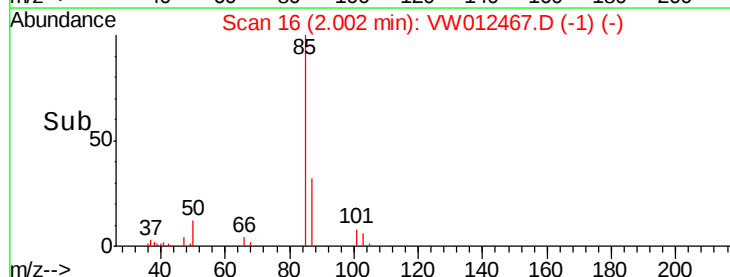
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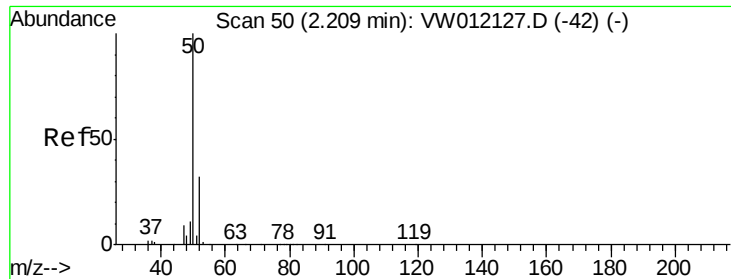
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 20.522 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

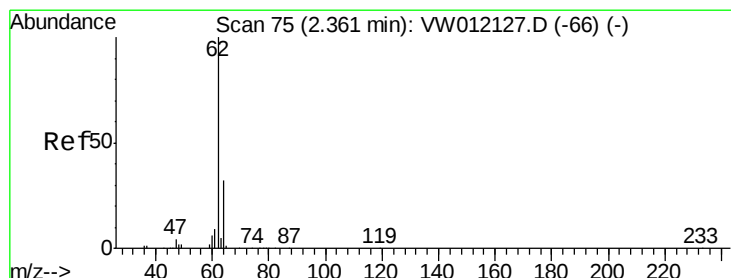
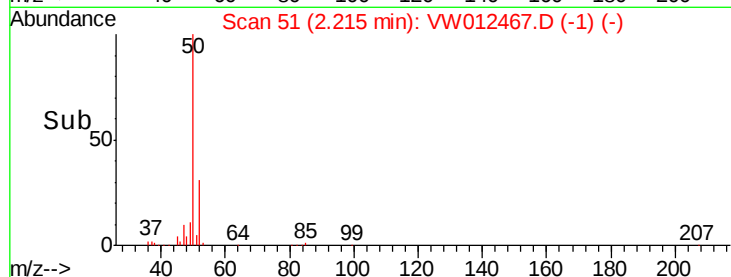
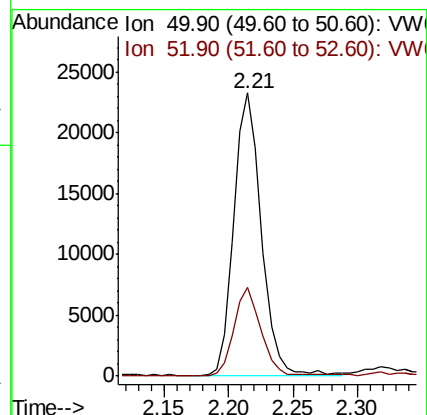
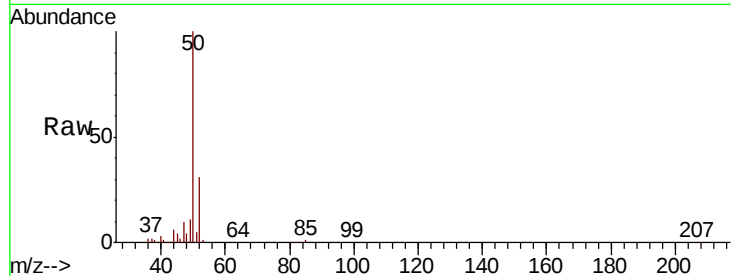
VW0901SBSD02

Tgt Ion: 50 Resp: 35122

Ion Ratio Lower Upper

50 100

52 31.3 25.5 38.3



#4

Vinyl Chloride

Concen: 19.749 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012467.D

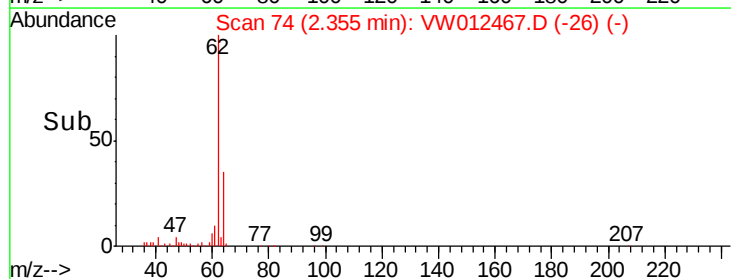
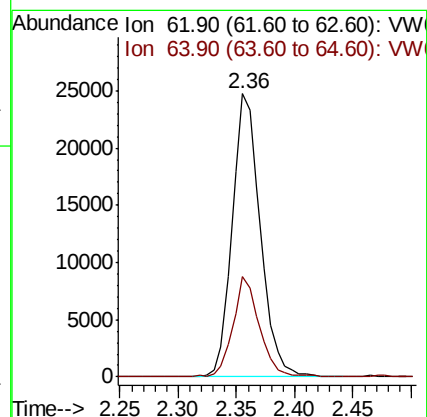
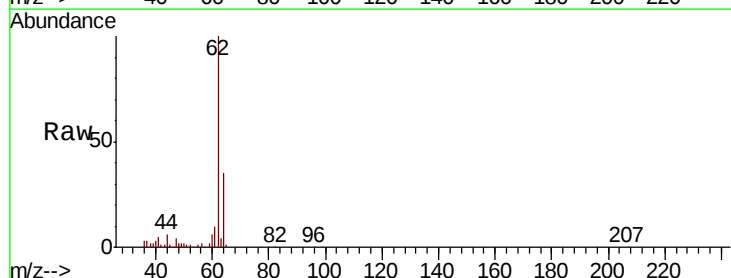
Acq: 02 Sep 2019 00:40

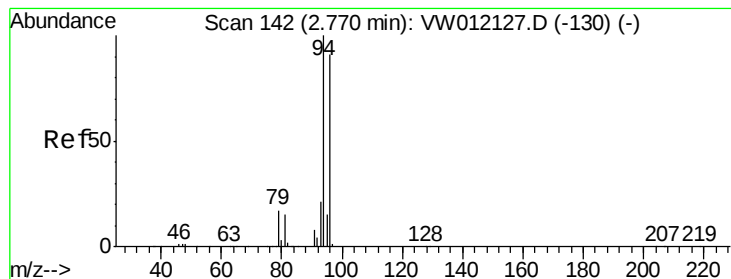
Tgt Ion: 62 Resp: 41368

Ion Ratio Lower Upper

62 100

64 35.5 25.3 37.9





#5

Bromomethane

Concen: 21.203 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

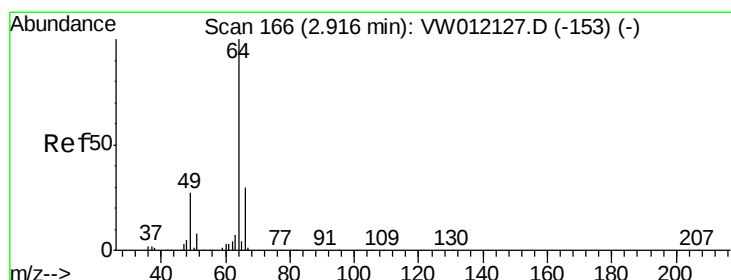
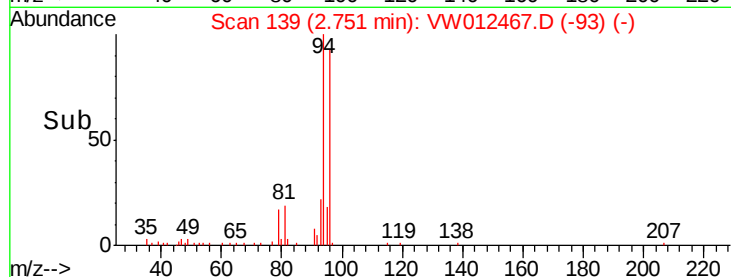
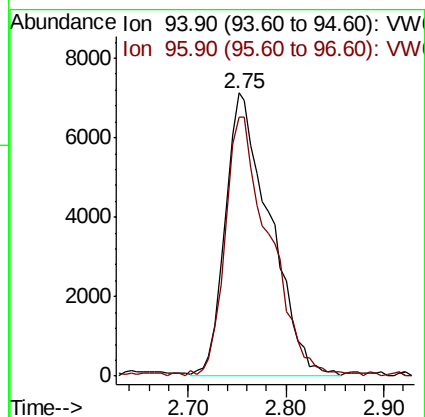
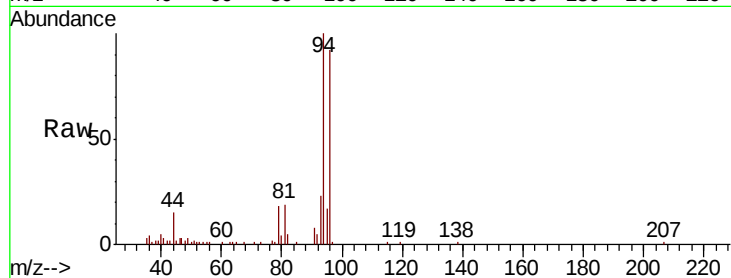
VW0901SBSD02

Tgt Ion: 94 Resp: 22493

Ion Ratio Lower Upper

94 100

96 90.1 72.9 109.3



#6

Chloroethane

Concen: 20.641 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW012467.D

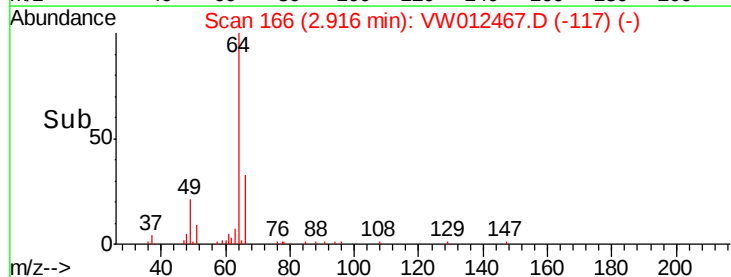
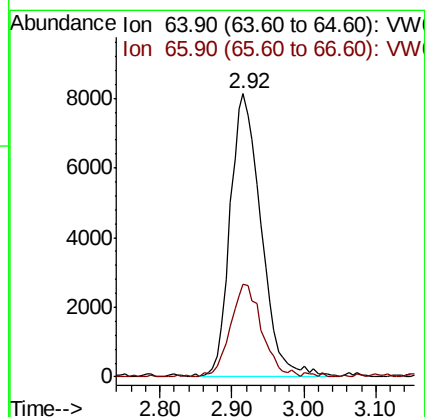
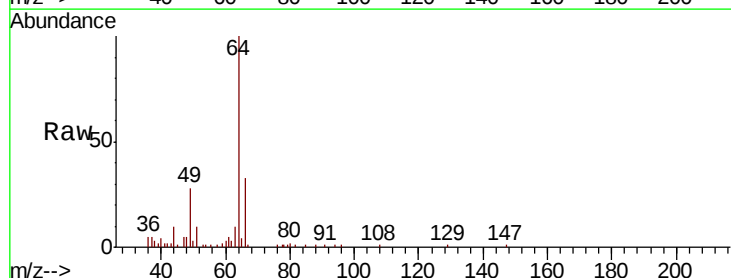
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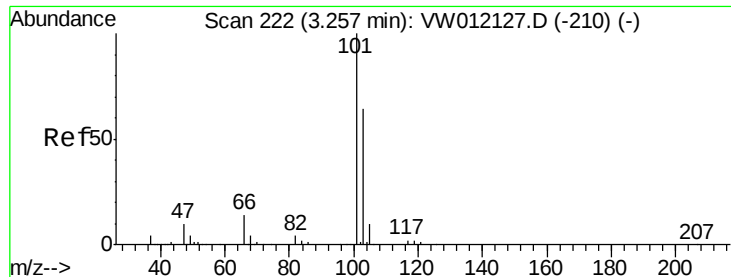
Tgt Ion: 64 Resp: 24390

Ion Ratio Lower Upper

64 100

66 32.5 23.8 35.8



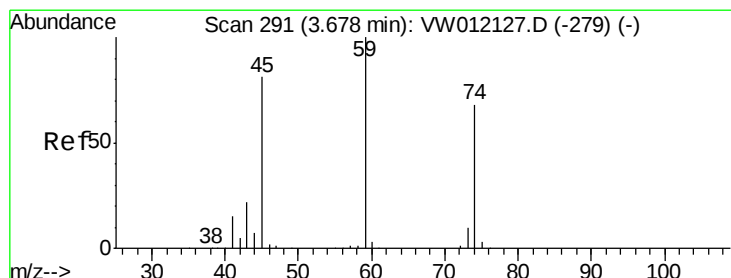
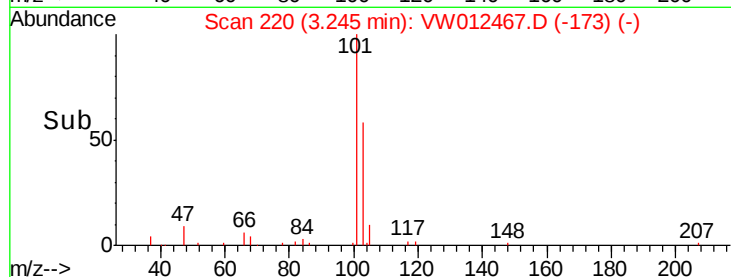
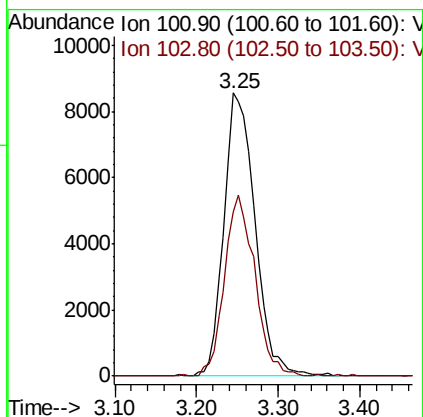
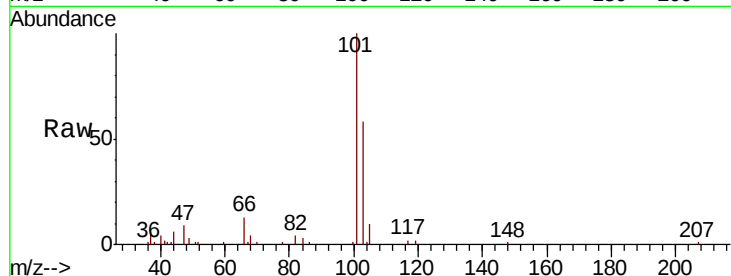


#7

Trichlorofluoromethane
 Concen: 21.464 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Instrument :
 MSVOA_W
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 VW0901SBSD02

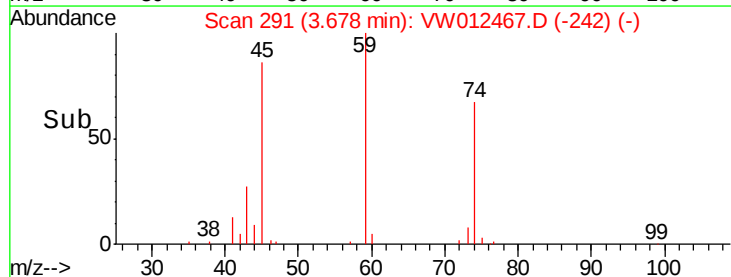
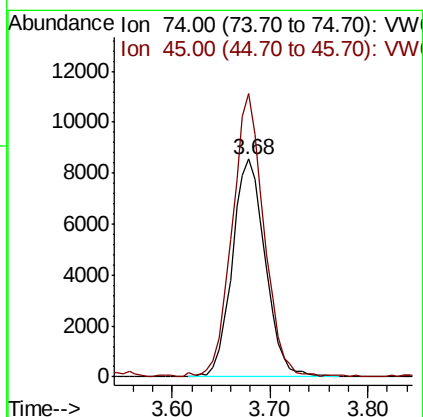
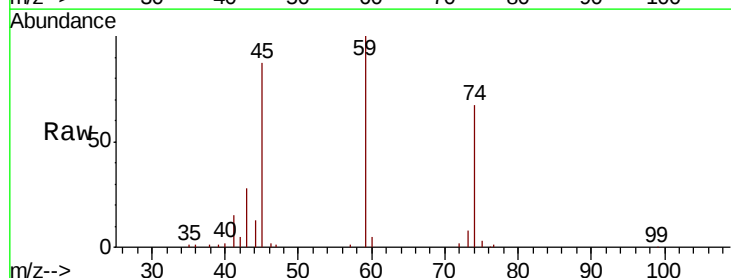
Tgt Ion:101 Resp: 22576
 Ion Ratio Lower Upper
 101 100
 103 57.9 51.2 76.8

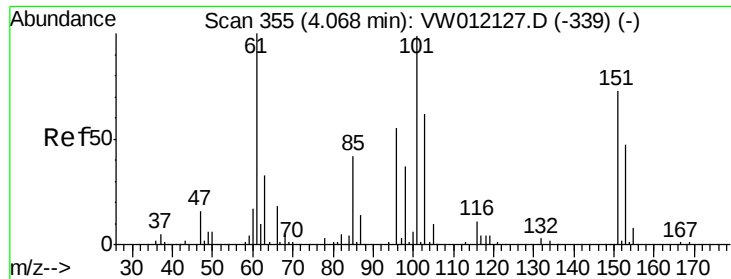


#8

Diethyl Ether
 Concen: 20.019 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 74 Resp: 19986
 Ion Ratio Lower Upper
 74 100
 45 125.5 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.627 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

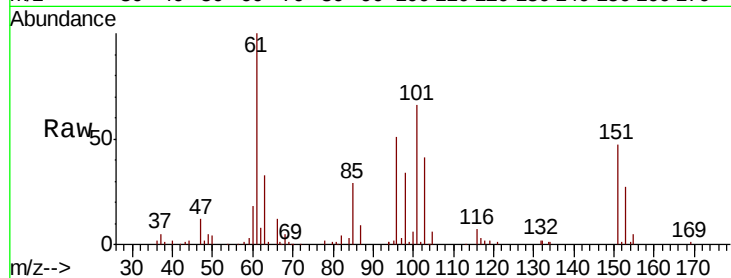
Tgt Ion:101 Resp: 36878

Ion Ratio Lower Upper

101 100

85 45.8 35.8 53.6

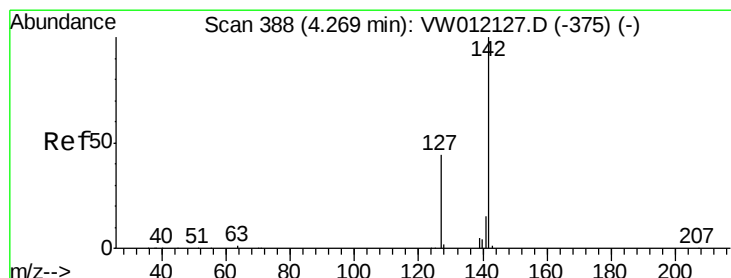
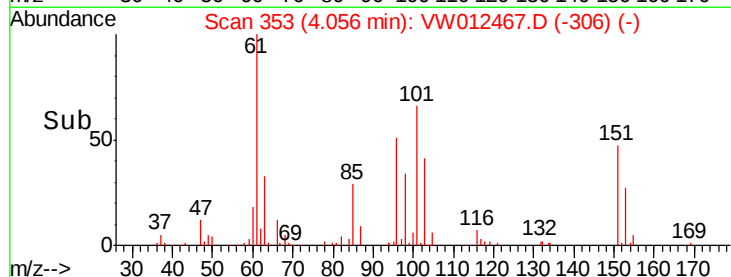
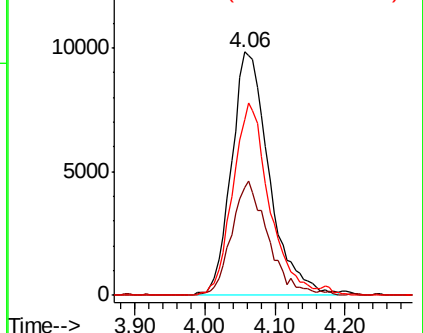
151 76.5 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.570 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

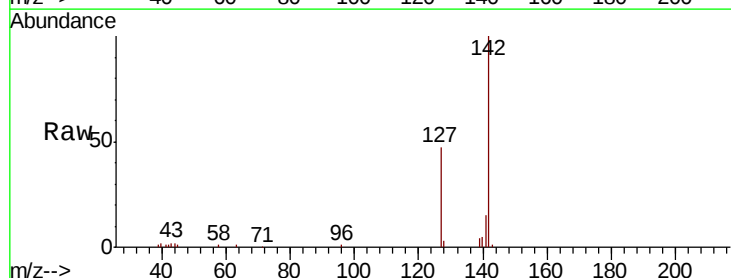
Tgt Ion:142 Resp: 47340

Ion Ratio Lower Upper

142 100

127 47.0 35.5 53.3

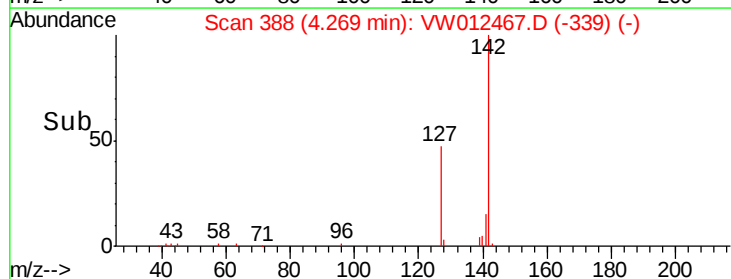
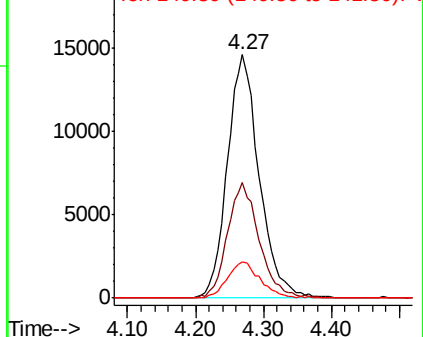
141 15.2 11.8 17.8

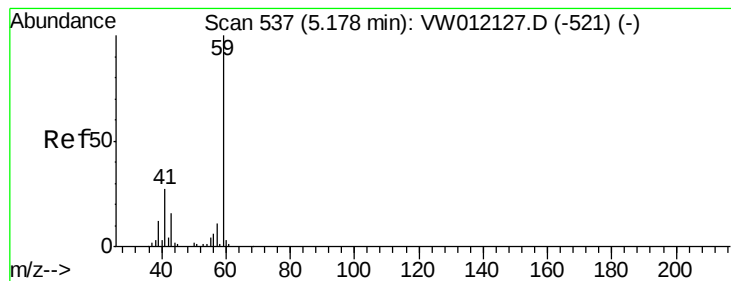


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



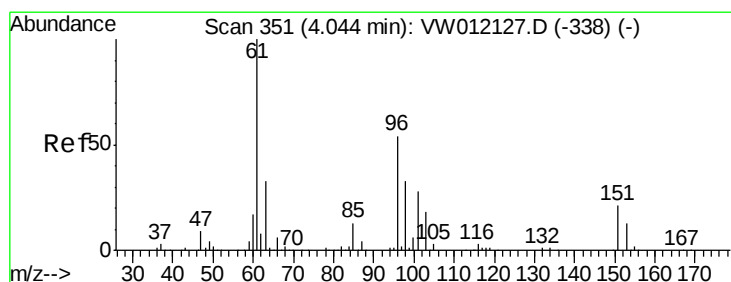
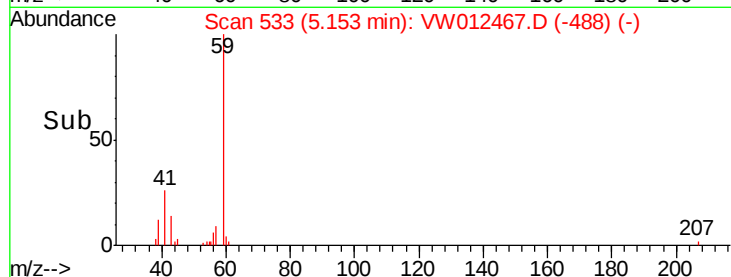
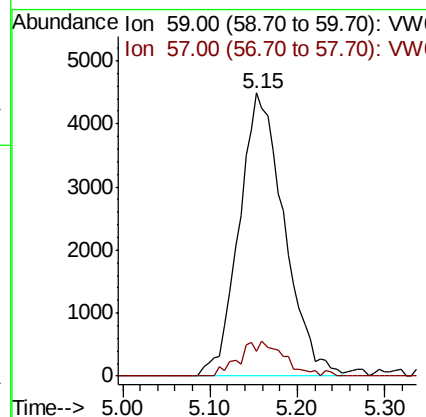
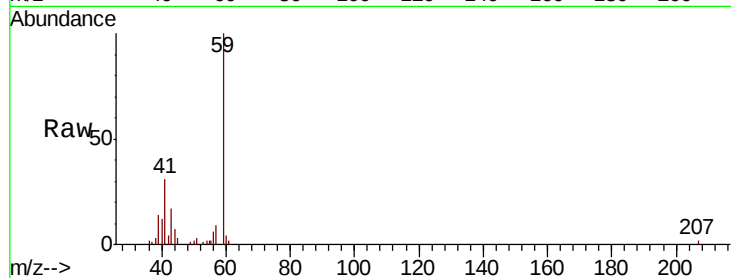


#11

Tert butyl alcohol
 Concen: 125.300 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

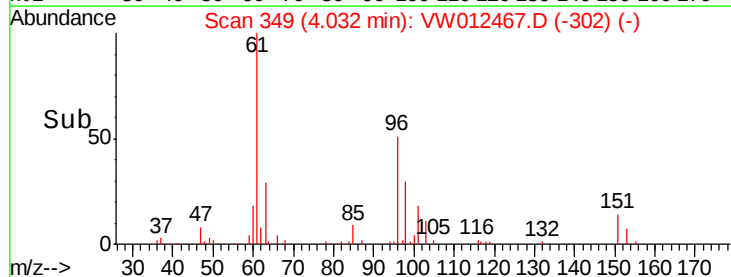
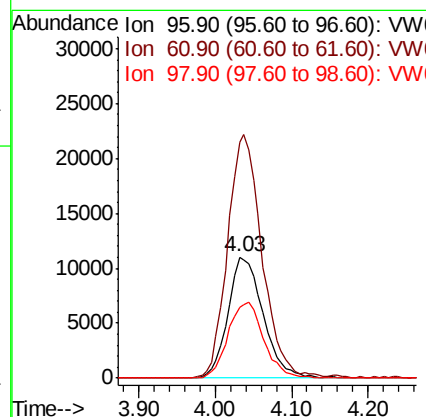
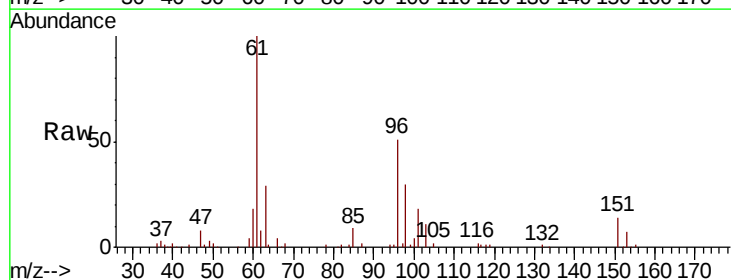
Tgt Ion: 59 Resp: 16081
 Ion Ratio Lower Upper
 59 100
 57 5.3 9.0 13.4#

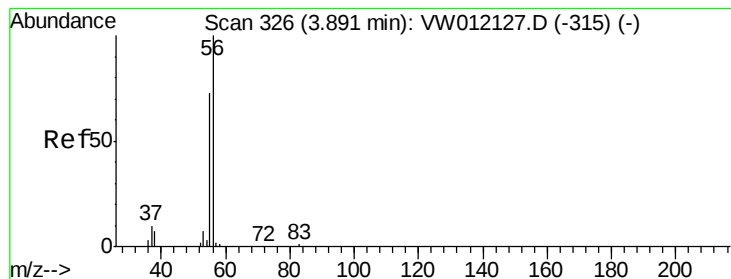


#12

1,1-Dichloroethene
 Concen: 19.437 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 96 Resp: 34977
 Ion Ratio Lower Upper
 96 100
 61 194.9 149.1 223.7
 98 58.1 49.4 74.2





#13

Acrolein

Concen: 79.447 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

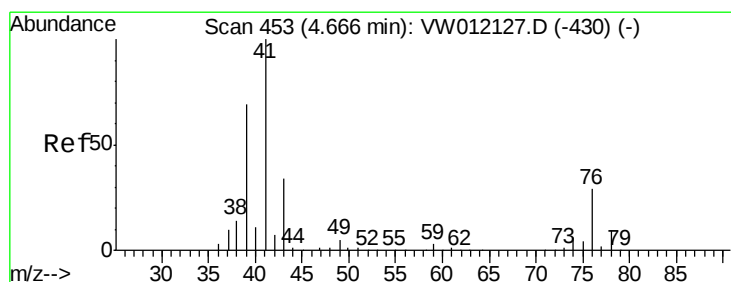
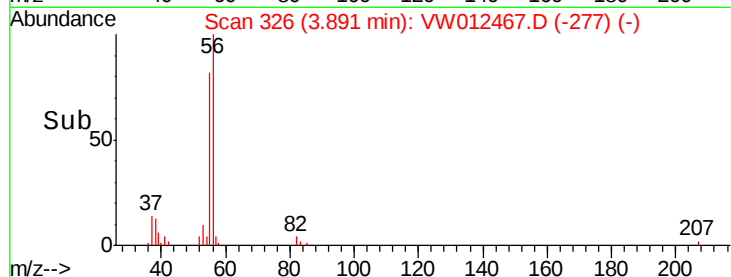
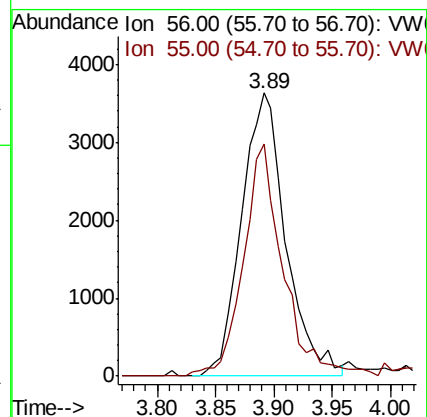
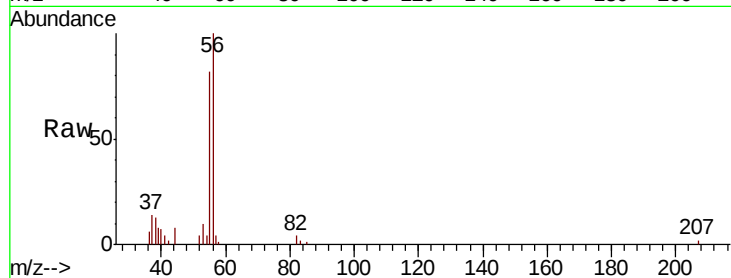
VW0901SBSD02

Tgt Ion: 56 Resp: 9598

Ion Ratio Lower Upper

56 100

55 73.5 55.8 83.8



#14

Allyl chloride

Concen: 19.936 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

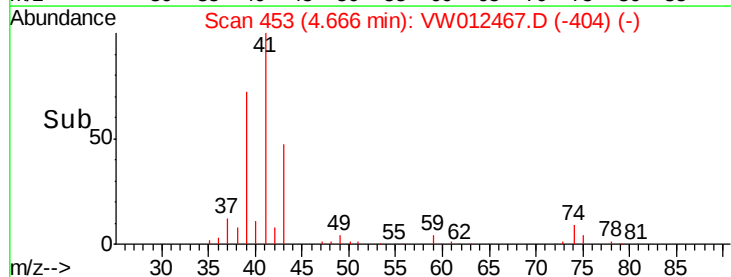
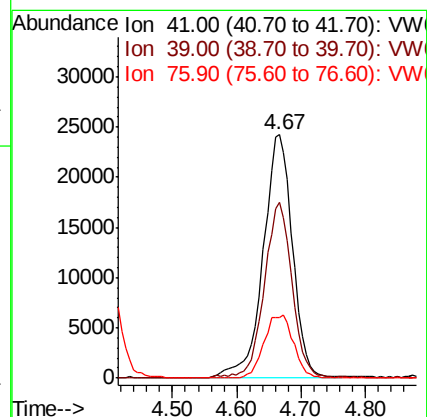
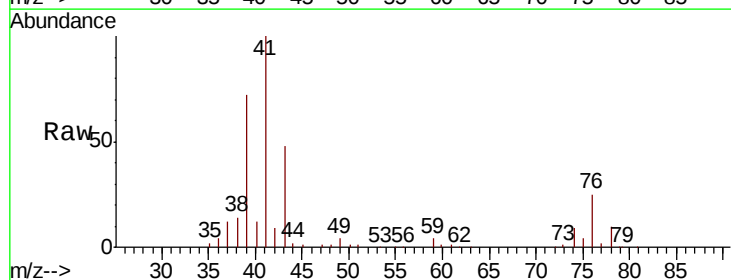
Tgt Ion: 41 Resp: 76694

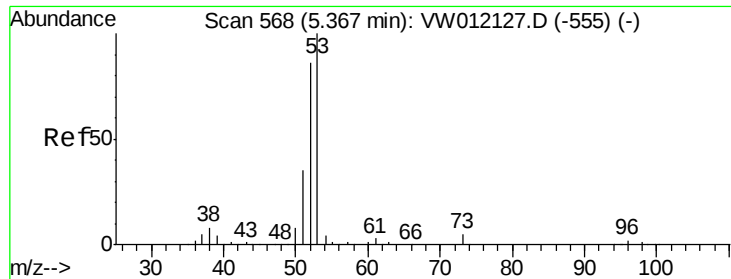
Ion Ratio Lower Upper

41 100

39 66.6 53.4 80.2

76 25.8 22.1 33.1





#15

Acrylonitrile

Concen: 112.257 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

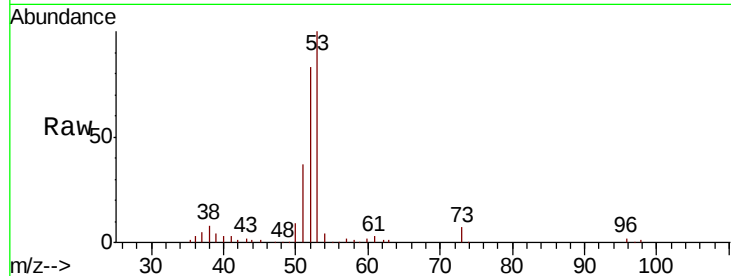
Tgt Ion: 53 Resp: 55550

Ion Ratio Lower Upper

53 100

52 84.5 66.7 100.1

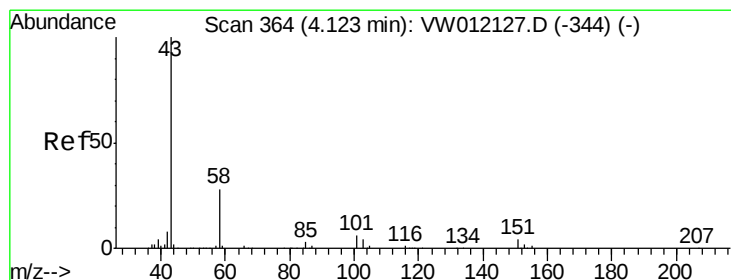
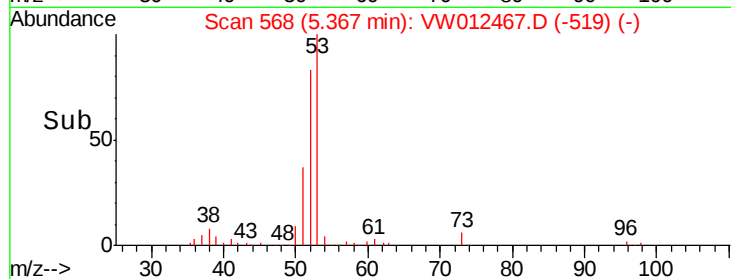
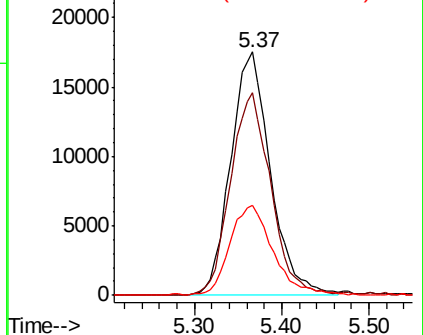
51 40.0 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 94.940 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012467.D

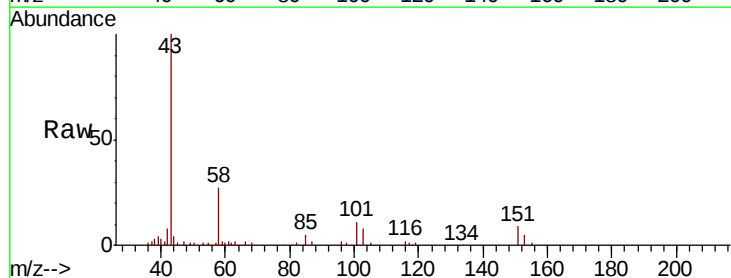
Acq: 02 Sep 2019 00:40

Tgt Ion: 43 Resp: 51756

Ion Ratio Lower Upper

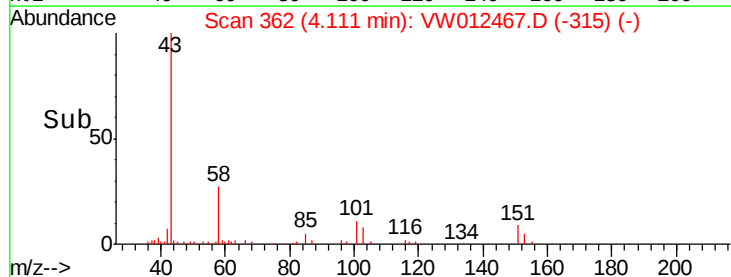
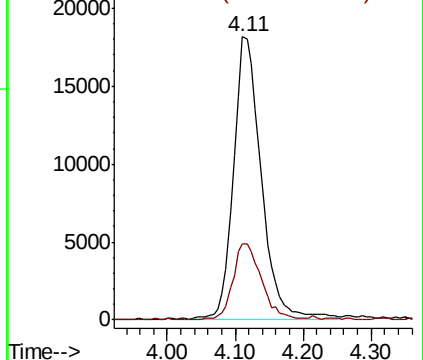
43 100

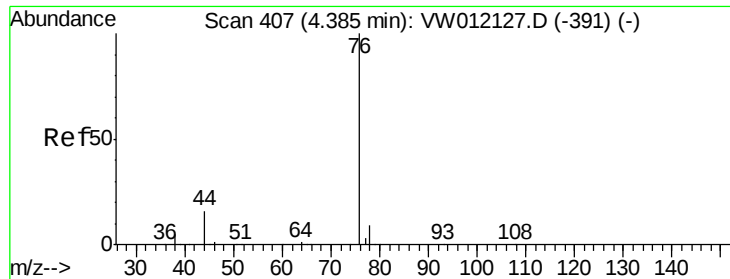
58 27.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

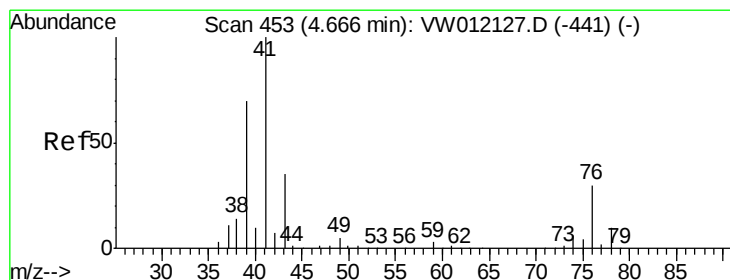
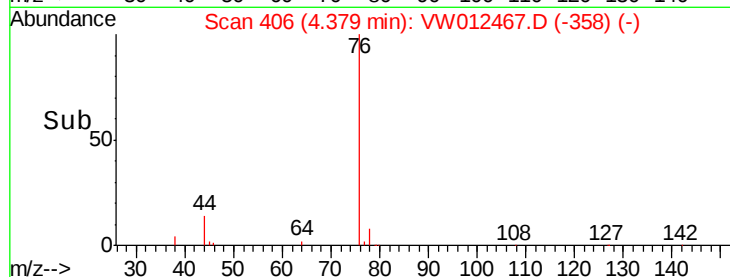
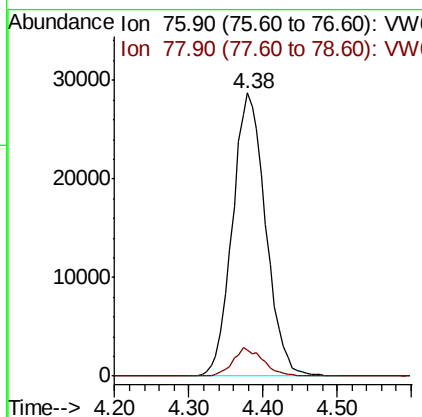
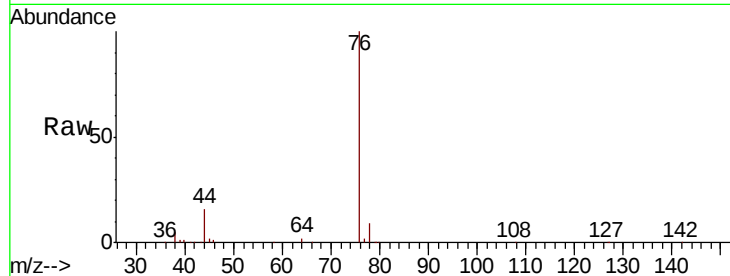




#17
Carbon Disulfide
Concen: 16.472 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

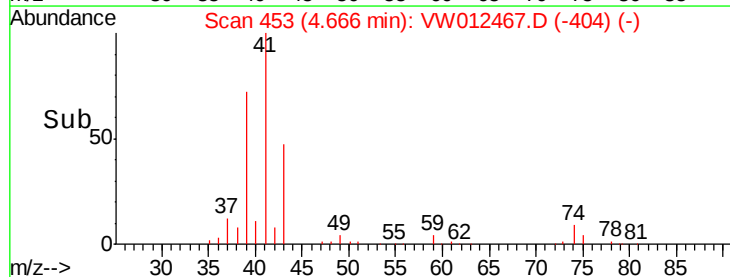
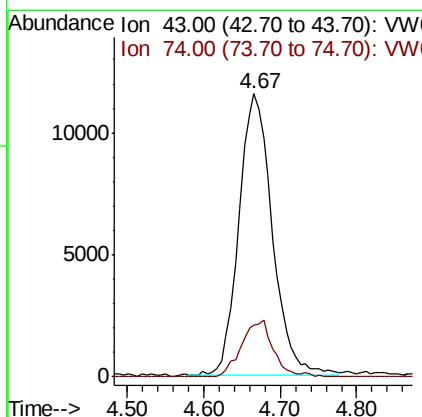
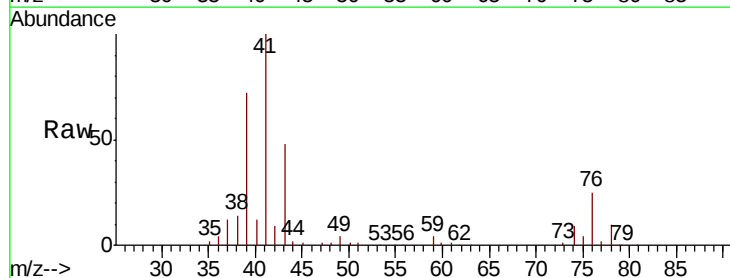
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

Tgt Ion: 76 Resp: 89578
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 25.912 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion: 43 Resp: 34987
Ion Ratio Lower Upper
43 100
74 18.8 15.7 23.5

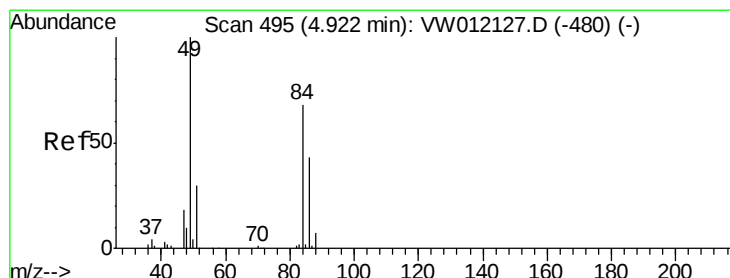
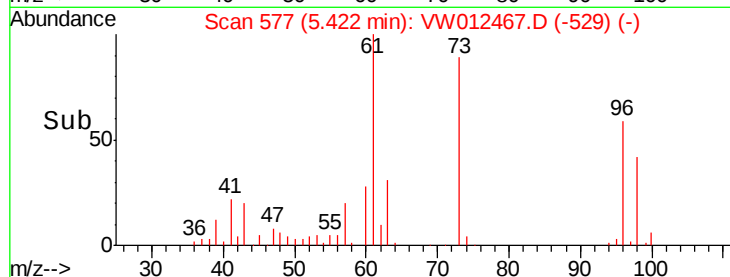
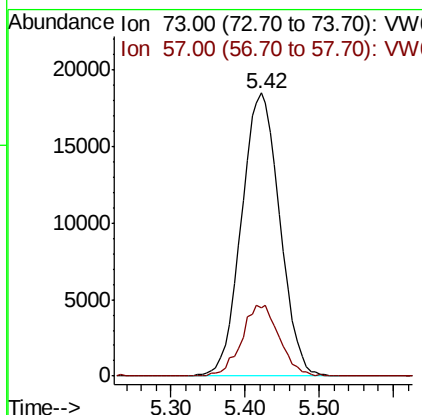
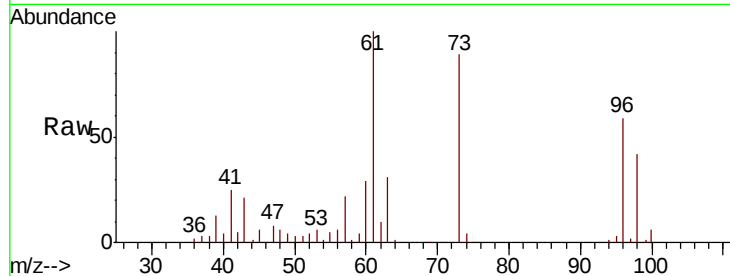




#19
Methyl tert-butyl Ether
Concen: 22.899 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

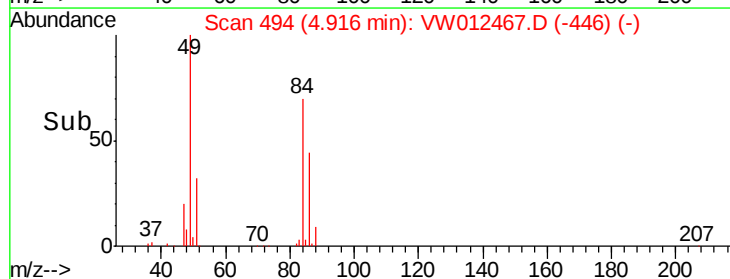
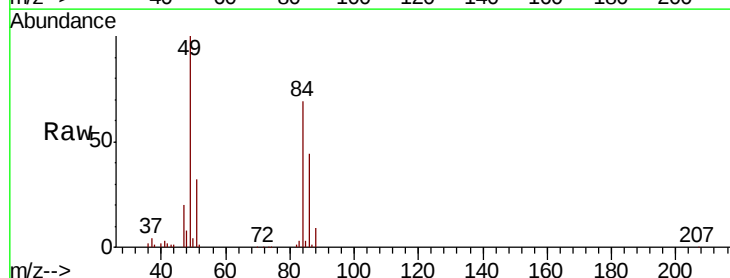
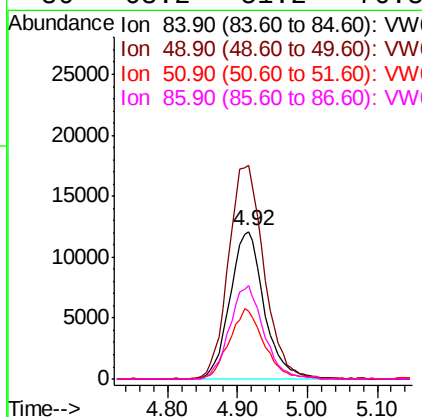
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

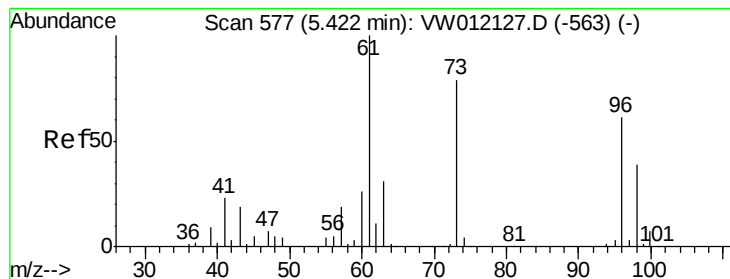
Tgt Ion: 73 Resp: 66637
Ion Ratio Lower Upper
73 100
57 24.3 18.9 28.3



#20
Methylene Chloride
Concen: 19.900 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion: 84 Resp: 41012
Ion Ratio Lower Upper
84 100
49 144.9 117.8 176.8
51 46.1 35.6 53.4
86 63.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.283 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

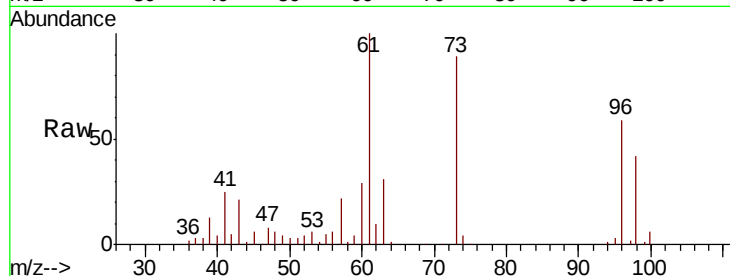
Tgt Ion: 96 Resp: 37209

Ion Ratio Lower Upper

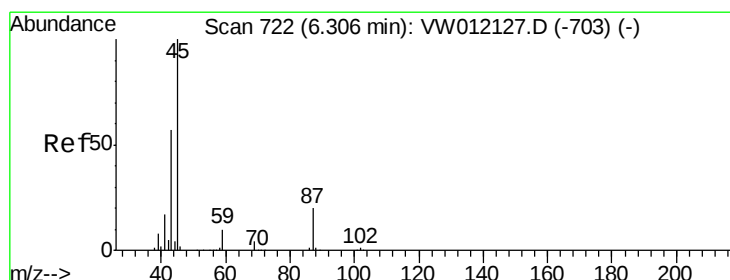
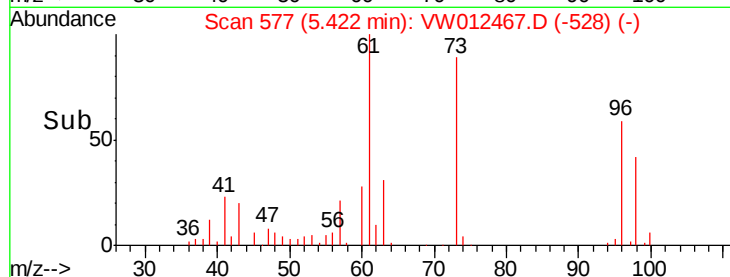
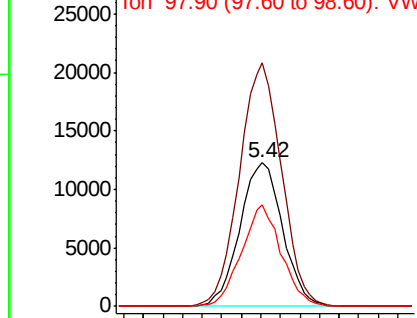
96 100

61 169.0 131.4 197.0

98 70.3 51.4 77.0



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



#22

Diisopropyl ether

Concen: 21.494 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Tgt Ion: 45 Resp: 153269

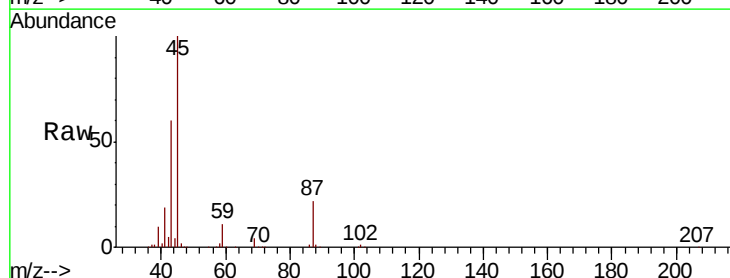
Ion Ratio Lower Upper

45 100

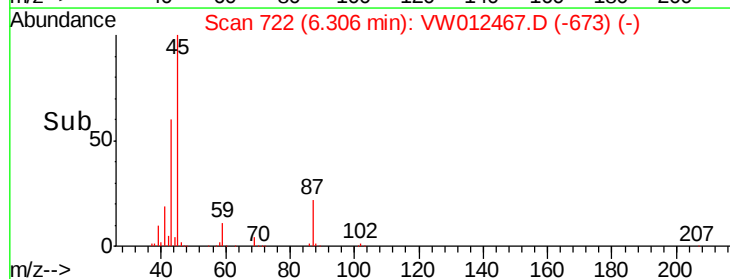
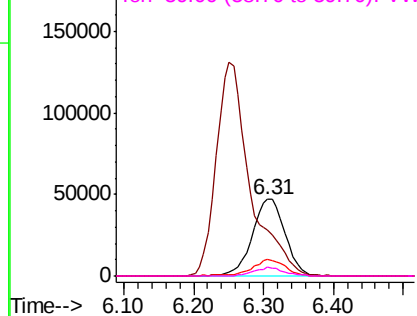
43 59.0 45.5 68.3

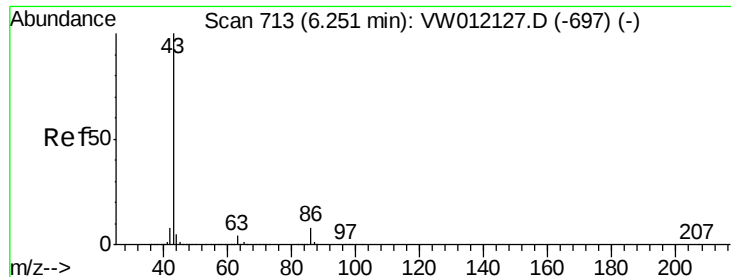
87 22.1 16.1 24.1

59 11.0 8.2 12.2



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





#23

Vinyl Acetate

Concen: 100.454 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

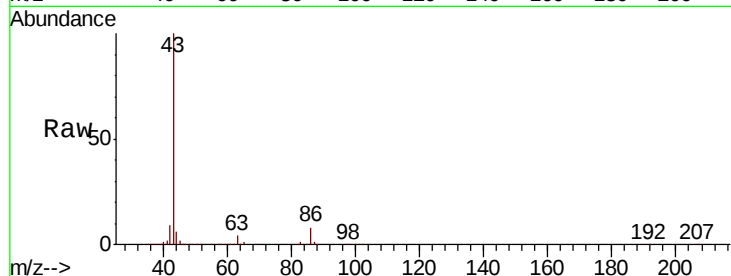
VW0901SBSD02

Tgt Ion: 43 Resp: 440832

Ion Ratio Lower Upper

43 100

86 7.6 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

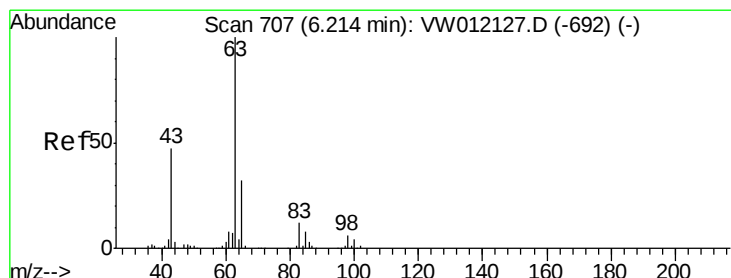
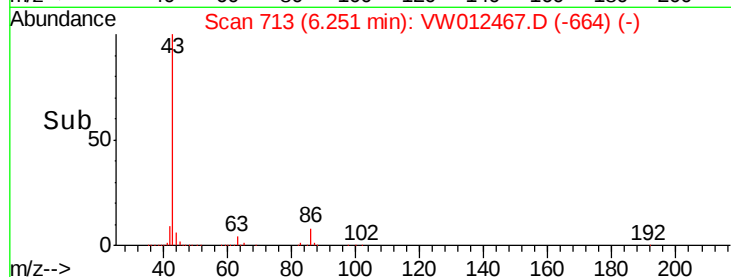
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.771 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

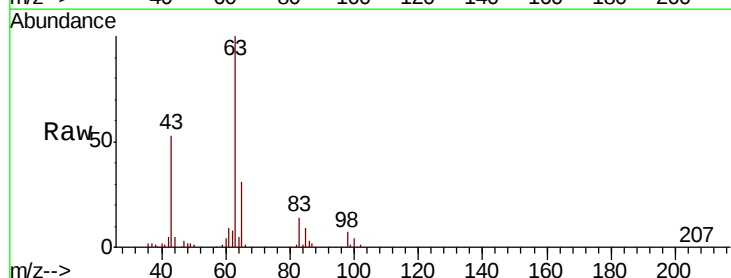
Tgt Ion: 63 Resp: 80647

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

100 4.1 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

6.21

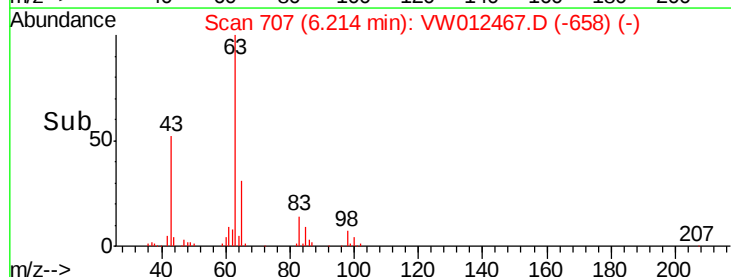
30000

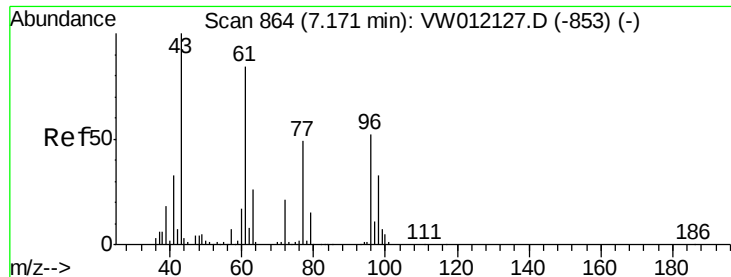
20000

10000

0

Time-->





#25

2-Butanone

Concen: 104.433 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

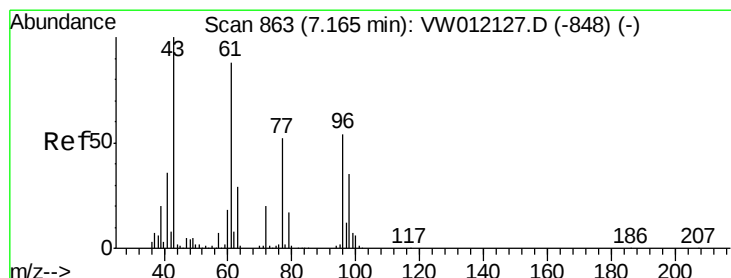
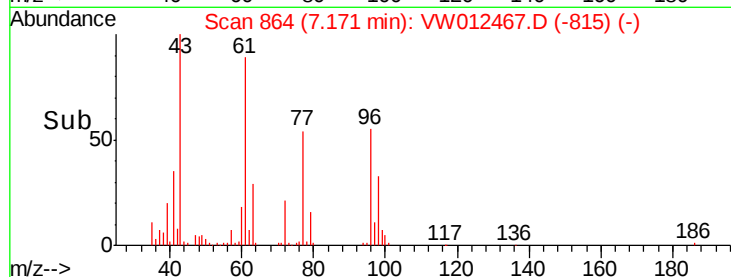
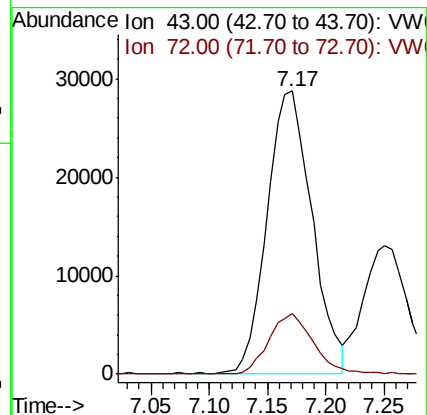
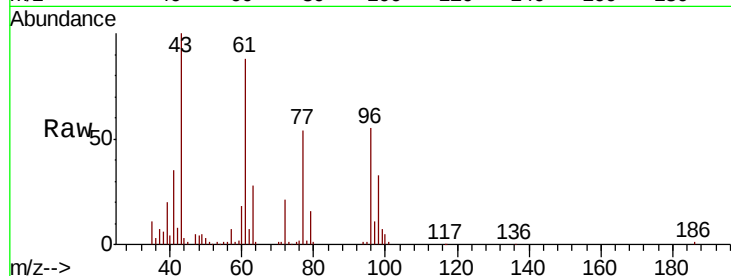
VW0901SBSD02

Tgt Ion: 43 Resp: 77363

Ion Ratio Lower Upper

43 100

72 21.2 16.6 24.8



#26

2,2-Dichloropropane

Concen: 20.841 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012467.D

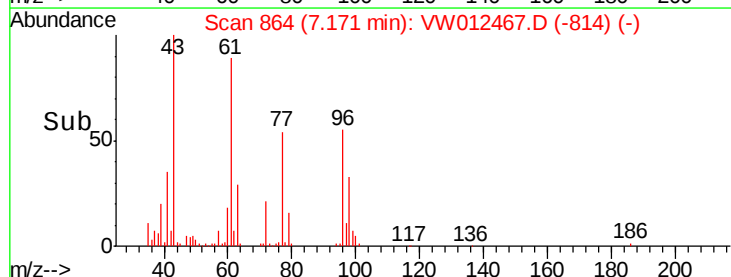
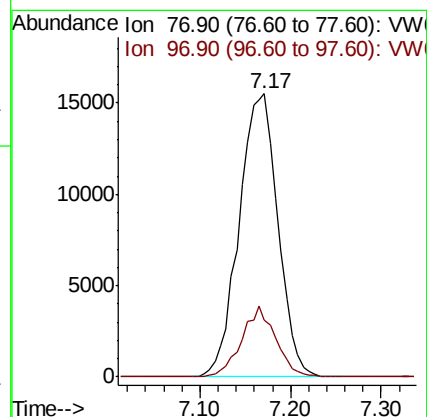
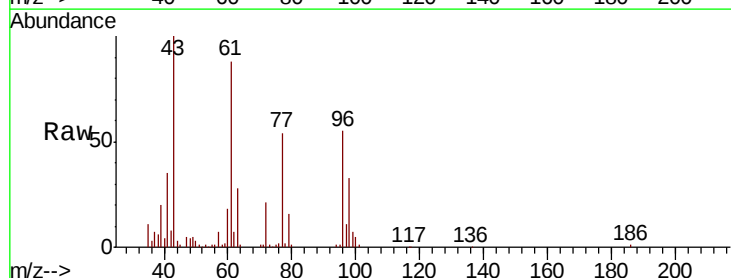
Acq: 02 Sep 2019 00:40

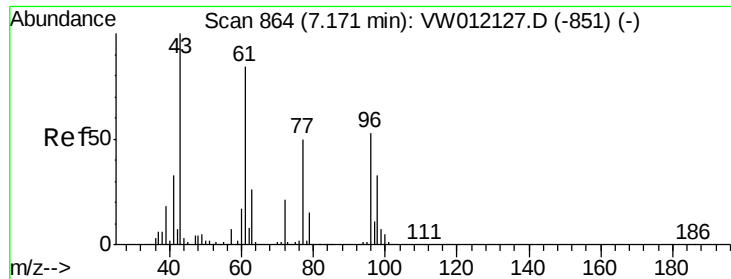
Tgt Ion: 77 Resp: 45799

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.1



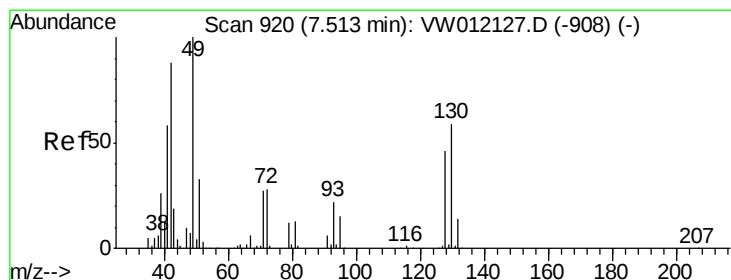
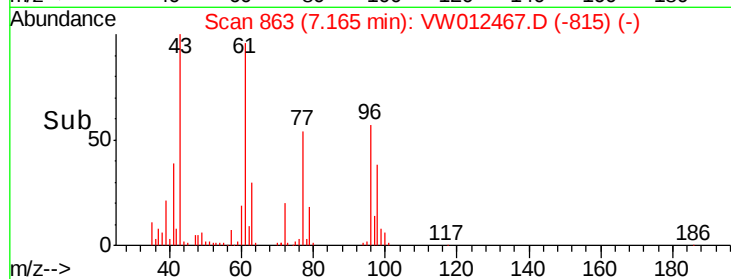
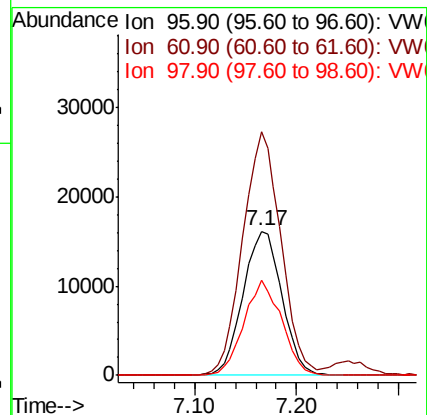
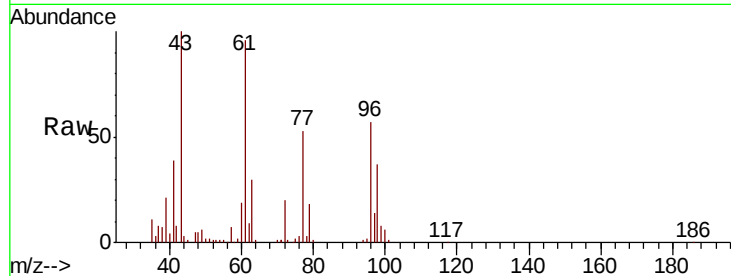


#27

cis-1,2-Dichloroethene
 Concen: 20.733 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

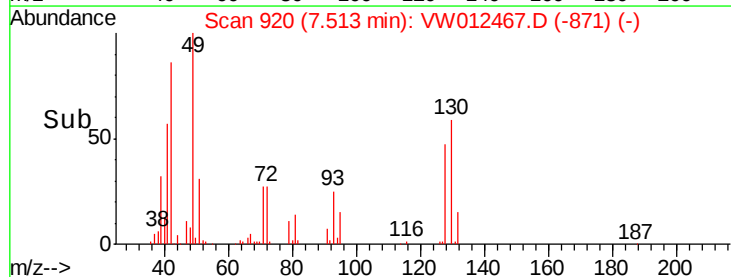
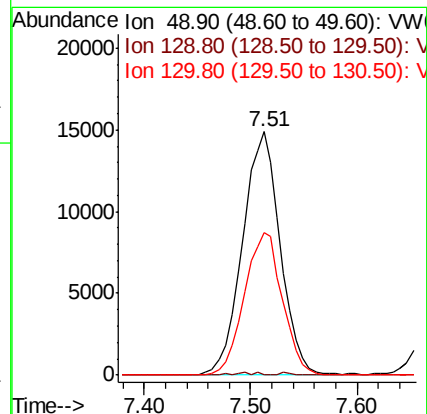
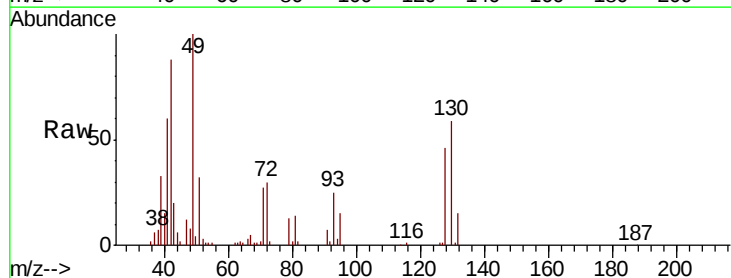
Tgt Ion: 96 Resp: 42745
 Ion Ratio Lower Upper
 96 100
 61 166.1 0.0 326.6
 98 64.1 0.0 127.4

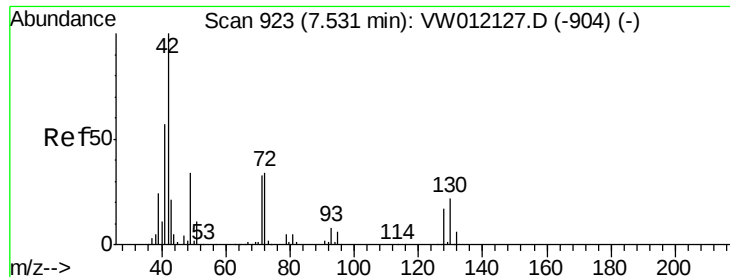


#28

Bromochloromethane
 Concen: 21.734 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 49 Resp: 36779
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 1.4
 130 59.1 45.5 68.3

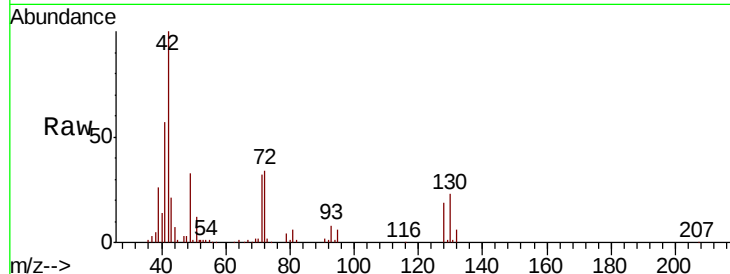




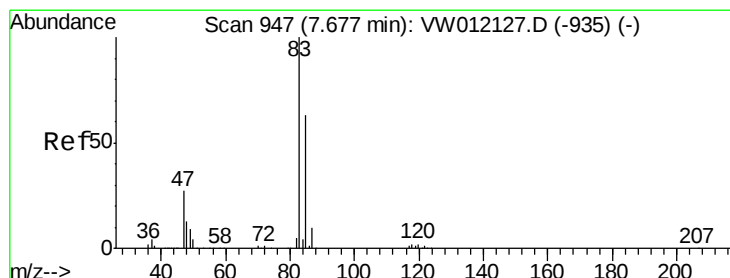
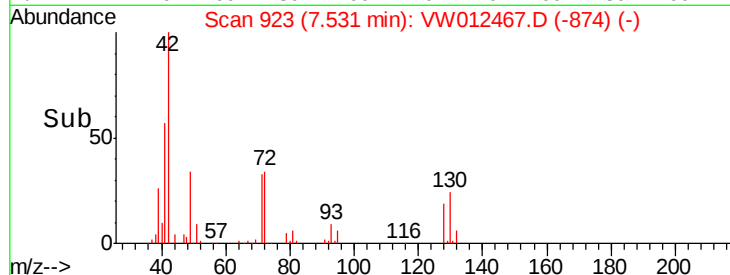
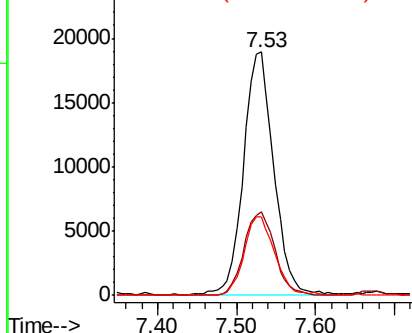
#29
Tetrahydrofuran
Concen: 114.591 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

Tgt Ion: 42 Resp: 50929
Ion Ratio Lower Upper
42 100
72 34.7 27.3 40.9
71 32.6 25.5 38.3

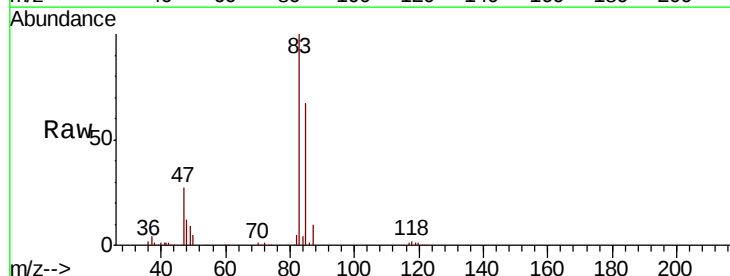


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

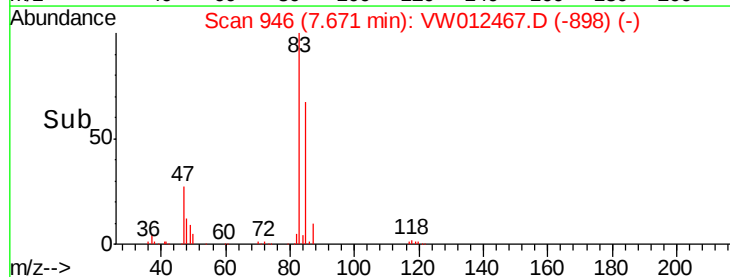
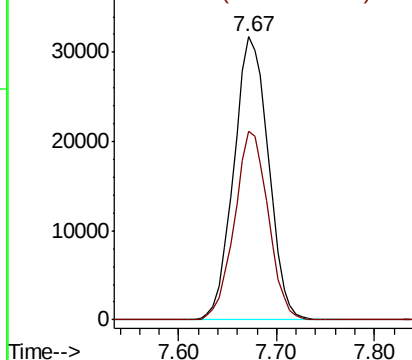


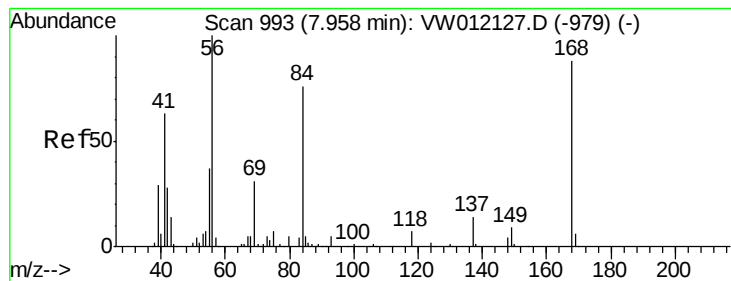
#30
Chloroform
Concen: 21.982 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion: 83 Resp: 78082
Ion Ratio Lower Upper
83 100
85 66.6 50.6 76.0



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





#31

Cyclohexane

Concen: 18.520 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

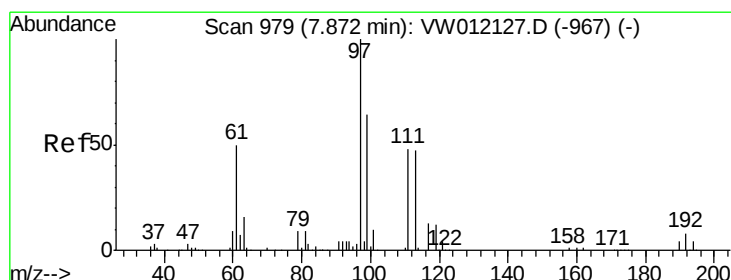
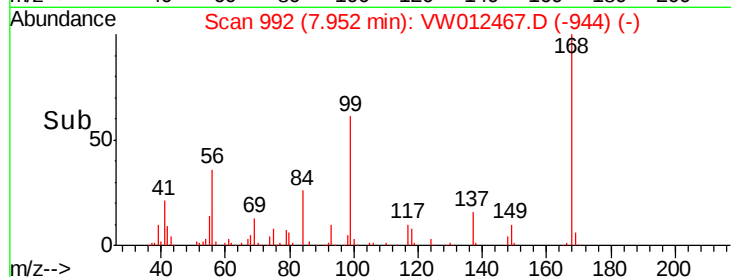
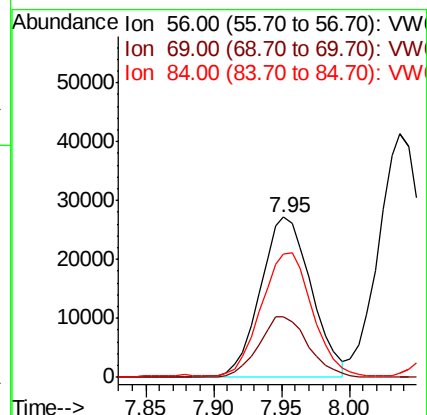
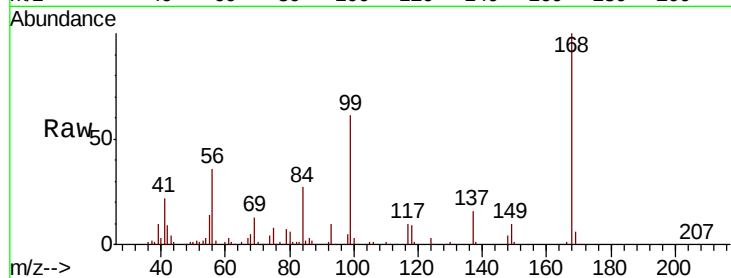
Tgt Ion: 56 Resp: 71141

Ion Ratio Lower Upper

56 100

69 37.9 24.9 37.3#

84 75.8 60.6 90.8



#32

1,1,1-Trichloroethane

Concen: 21.798 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

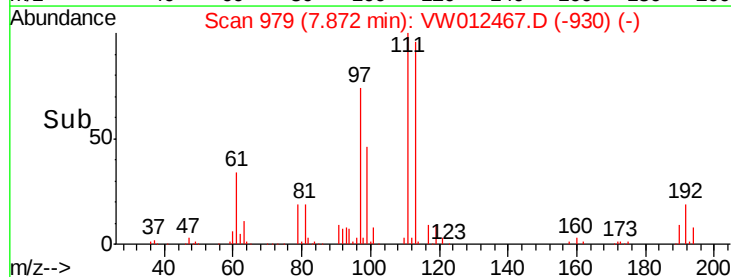
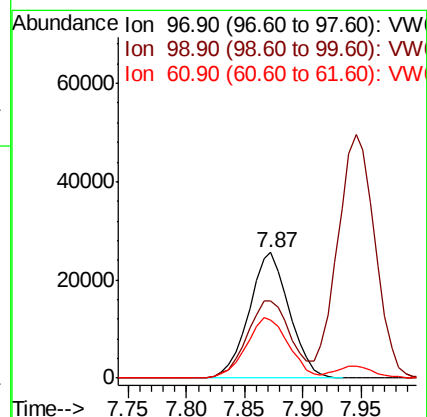
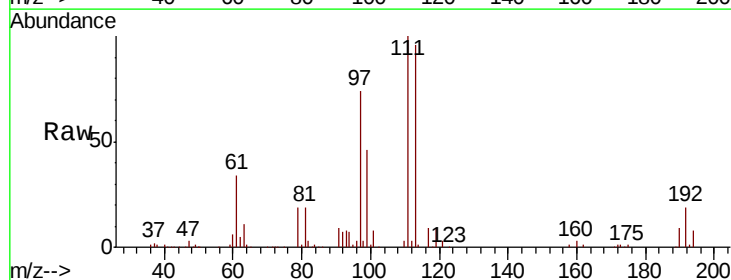
Tgt Ion: 97 Resp: 61253

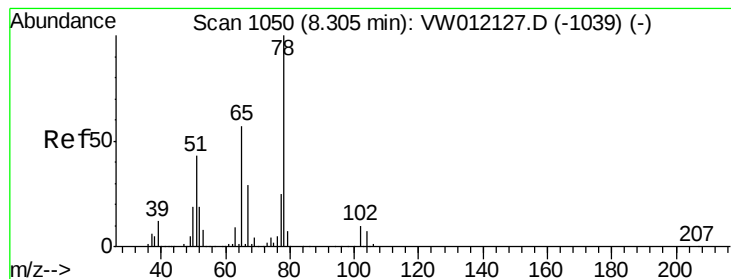
Ion Ratio Lower Upper

97 100

99 68.3 51.4 77.0

61 50.8 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 57.849 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

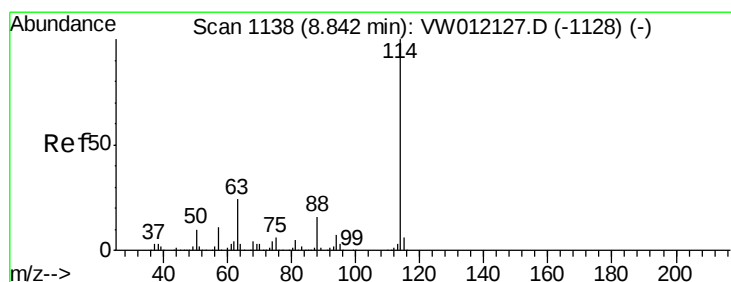
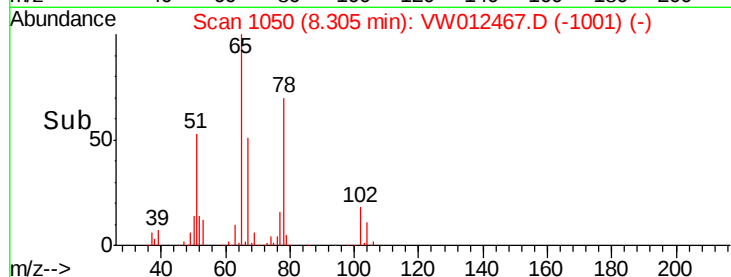
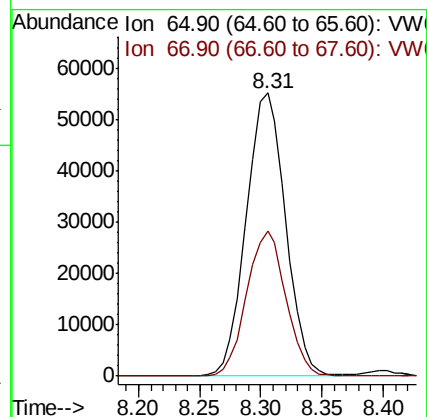
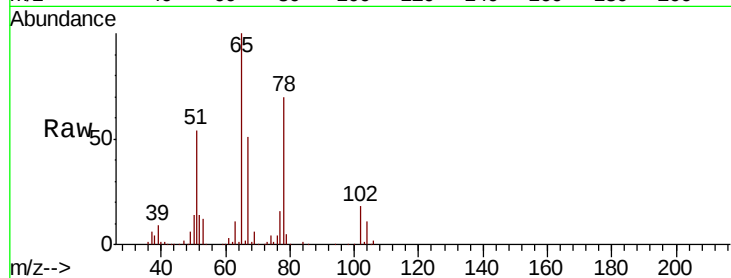
VW0901SBSD02

Tgt Ion: 65 Resp: 123370

Ion Ratio Lower Upper

65 100

67 51.2 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: VW012467.D

Acq: 02 Sep 2019 00:40

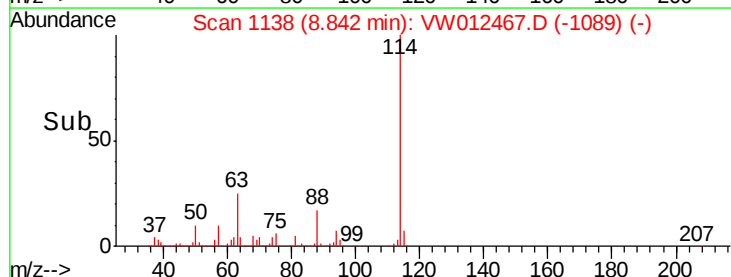
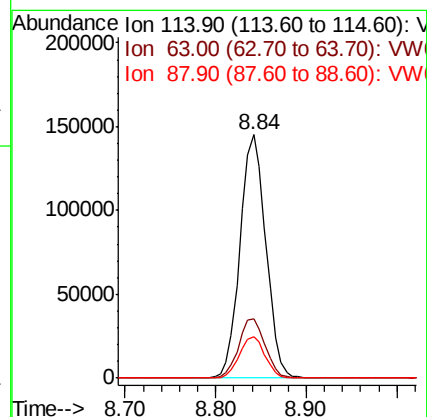
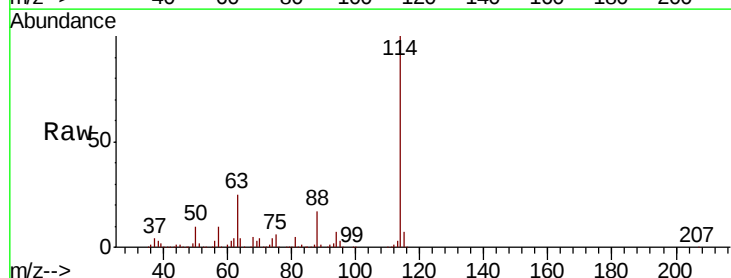
Tgt Ion: 114 Resp: 286460

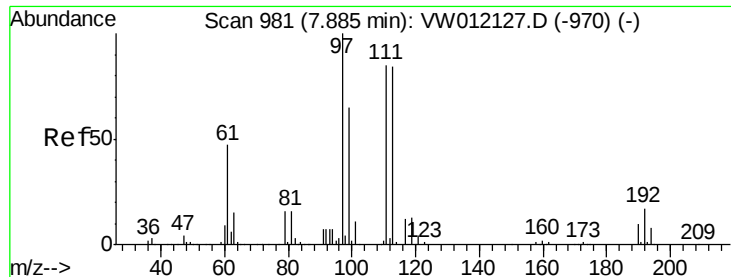
Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.6

88 17.1 0.0 32.2

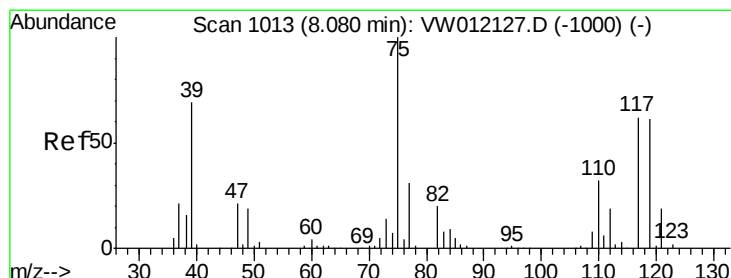
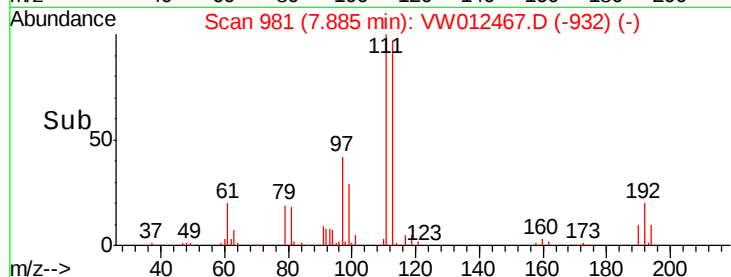
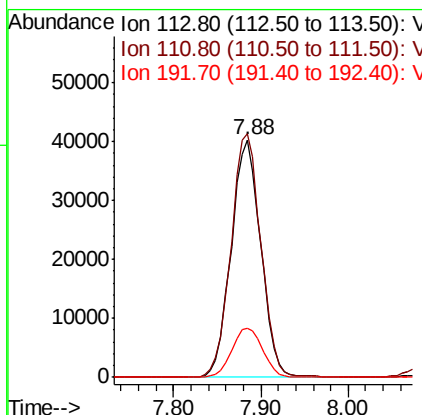
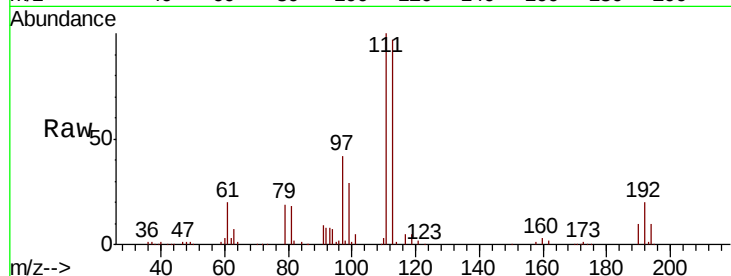




#35
 Dibromofluoromethane
 Concen: 55.436 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

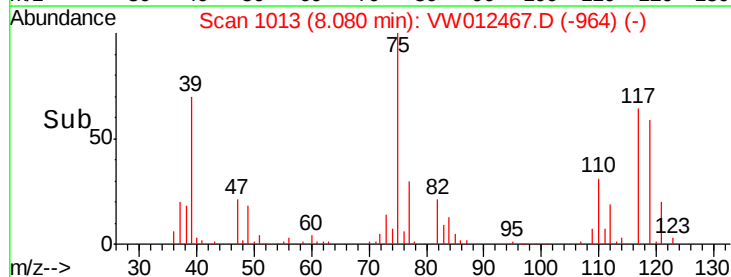
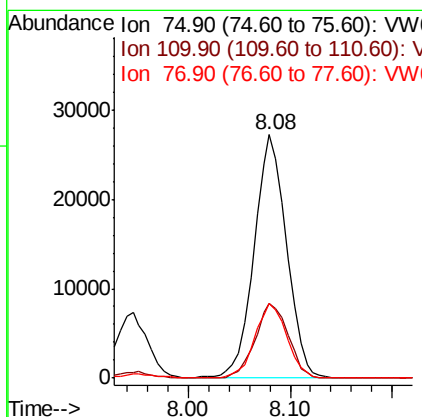
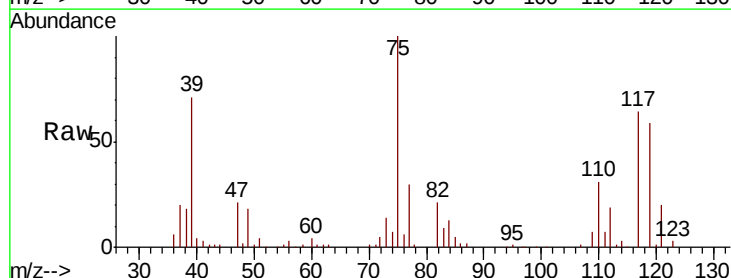
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

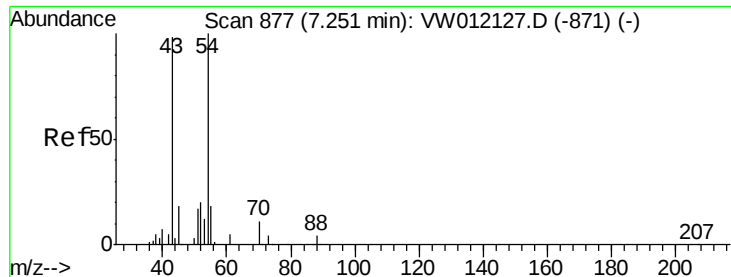
Tgt Ion: 113 Resp: 94789
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 21.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 20.361 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 75 Resp: 60272
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.6 46.8
 77 30.8 24.6 36.8

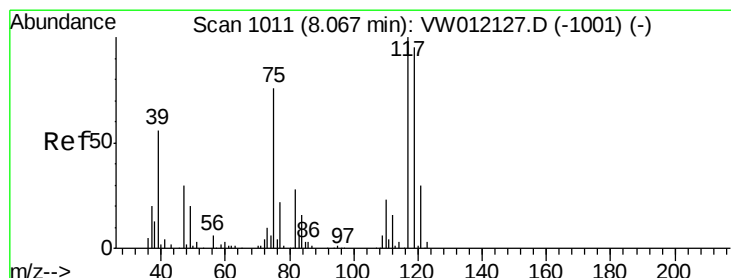
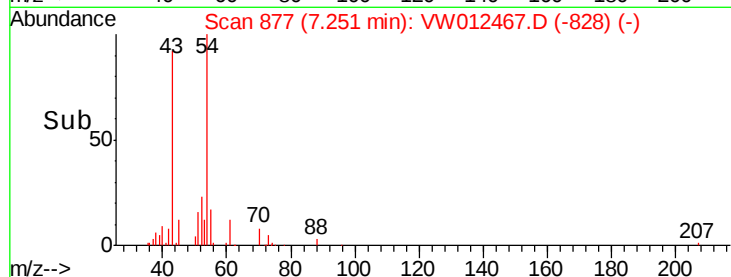
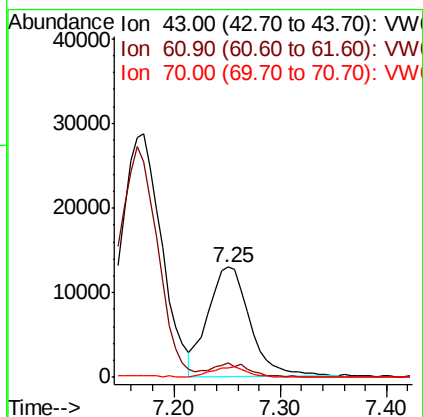
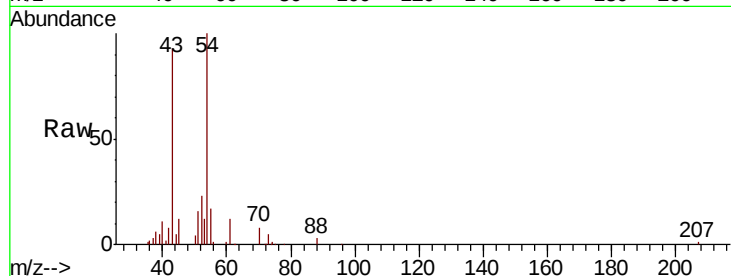




#37
Ethyl Acetate
Concen: 21.918 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

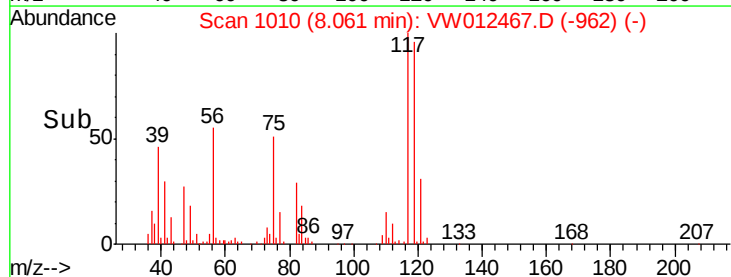
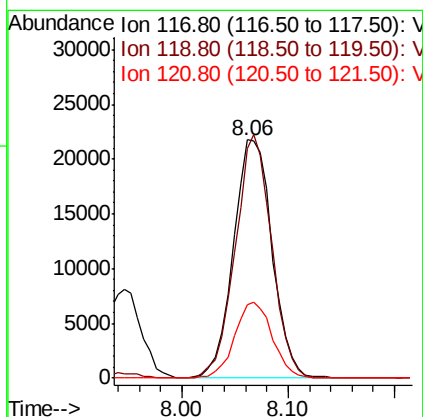
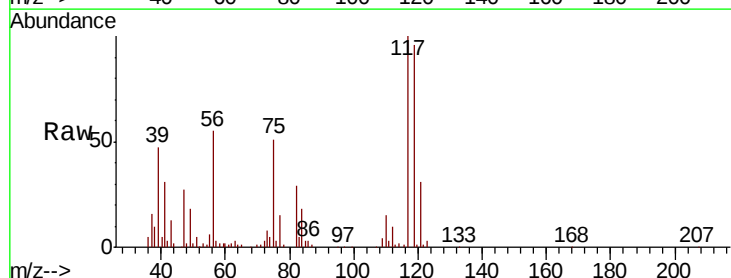
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

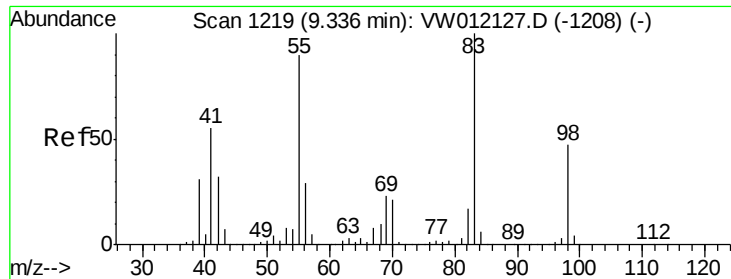
Tgt Ion: 43 Resp: 35555
Ion Ratio Lower Upper
43 100
61 11.3 9.2 13.8
70 8.3 6.9 10.3



#38
Carbon Tetrachloride
Concen: 21.723 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion: 117 Resp: 55658
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2
121 30.8 23.8 35.8

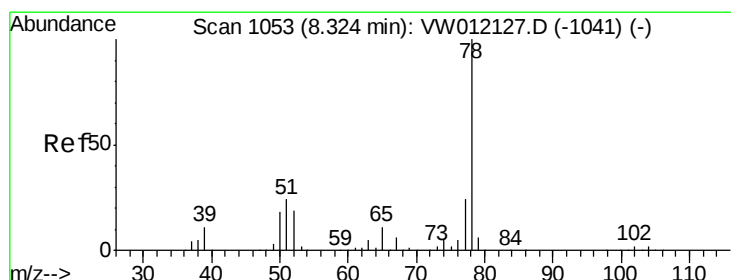
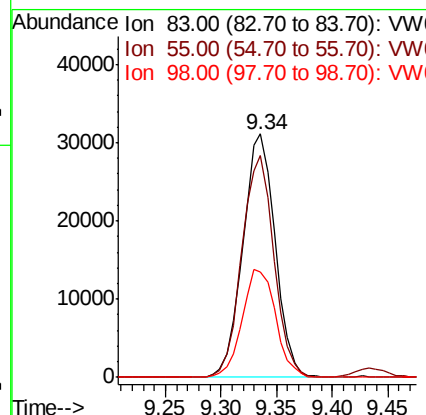
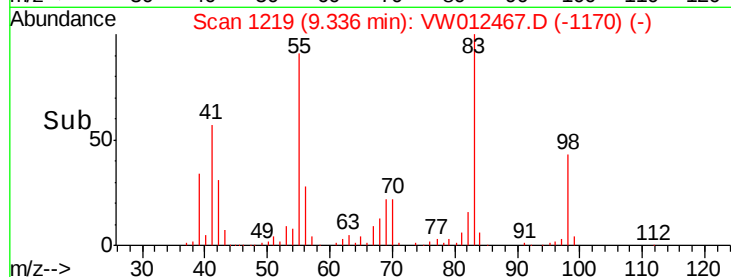
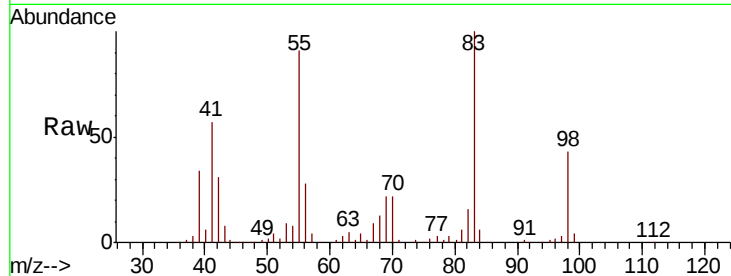




#39
Methylcyclohexane
Concen: 18.876 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

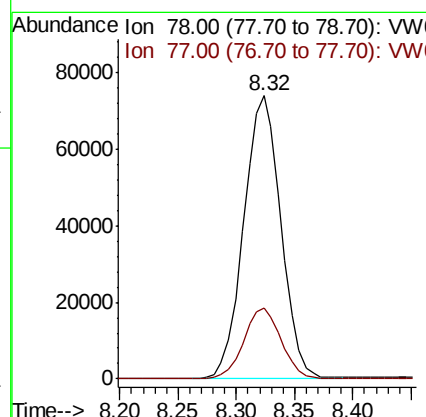
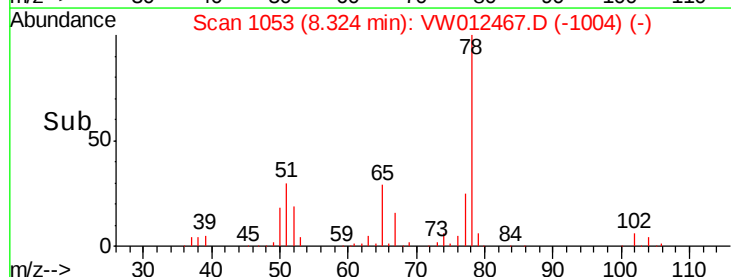
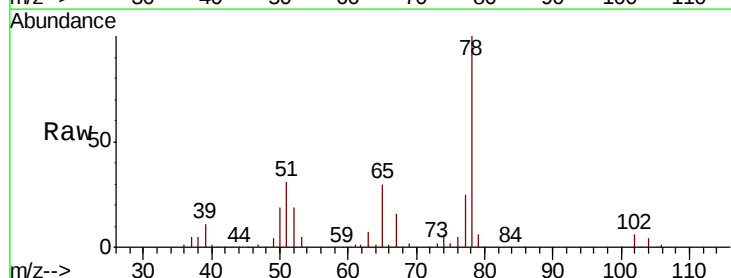
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

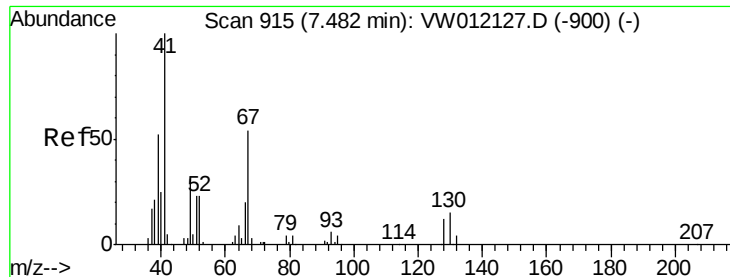
Tgt Ion: 83 Resp: 62775
Ion Ratio Lower Upper
83 100
55 91.1 71.8 107.8
98 43.5 37.8 56.8



#40
Benzene
Concen: 20.367 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion: 78 Resp: 164632
Ion Ratio Lower Upper
78 100
77 24.9 19.5 29.3

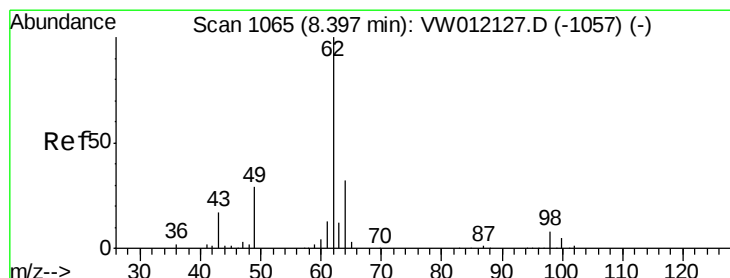
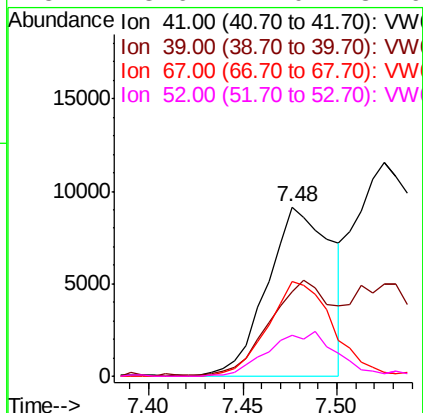
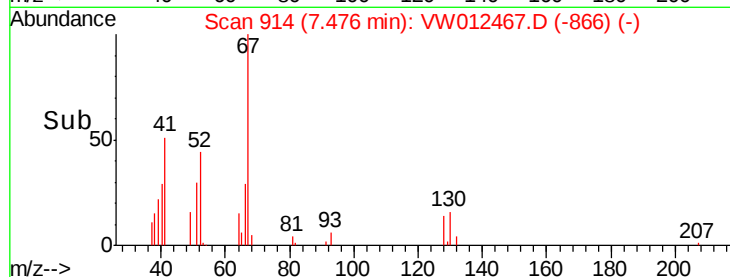
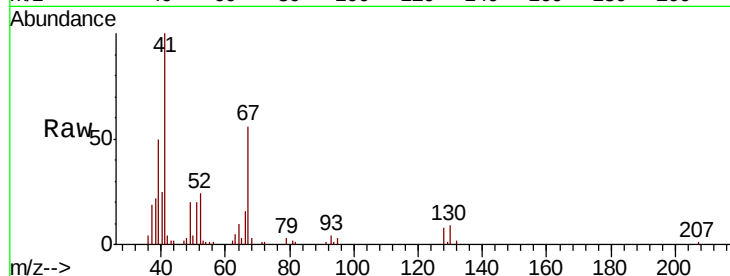




#41
Methacrylonitrile
Concen: 22.807 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

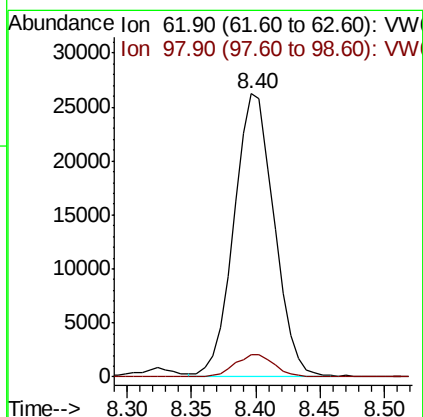
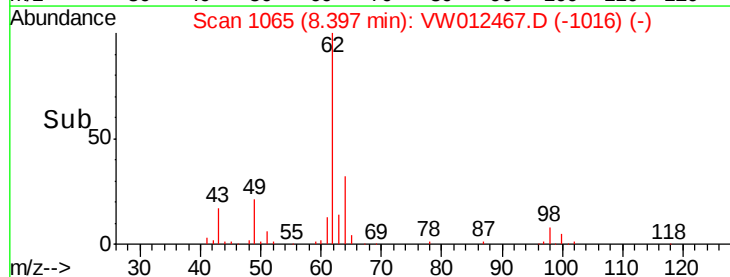
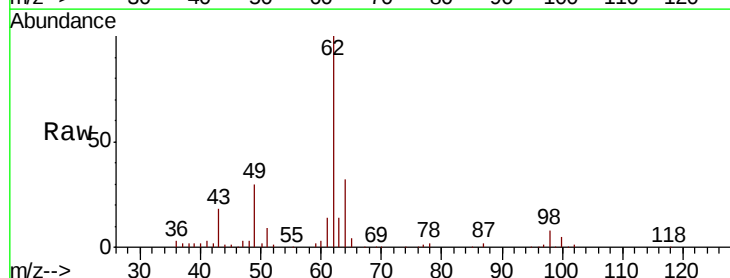
Instrument :
MSVOA_W
ClientSampled :
VW0901SBSD02

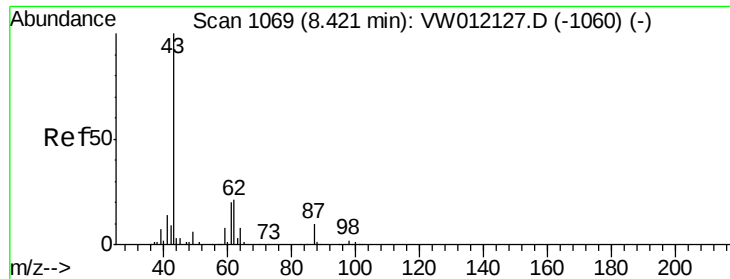
Tgt Ion:	41	Resp:	21744
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.8	68.8
67	57.1	46.2	69.4
52	28.6	21.0	31.6



#42
1,2-Dichloroethane
Concen: 22.413 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion:	62	Resp:	56779
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 21.932 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

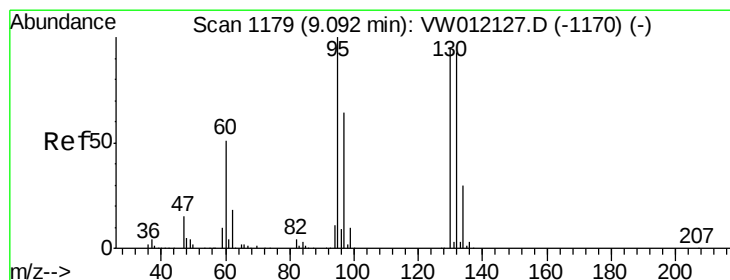
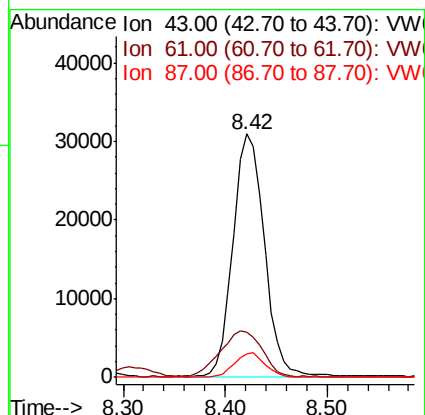
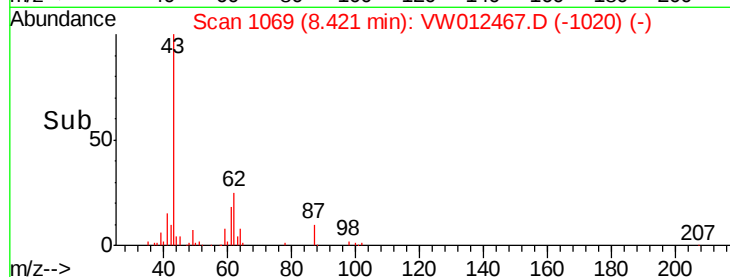
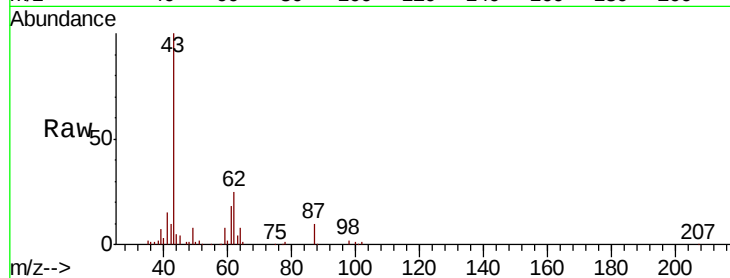
Tgt Ion: 43 Resp: 65901

Ion Ratio Lower Upper

43 100

61 26.5 21.1 31.7

87 10.0 8.2 12.2



#44

Trichloroethene

Concen: 20.881 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012467.D

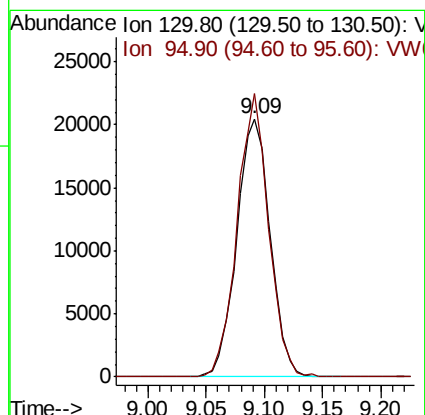
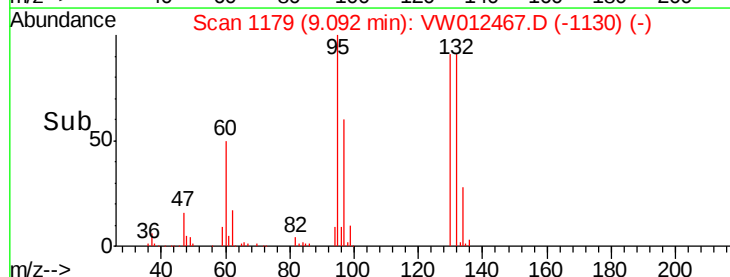
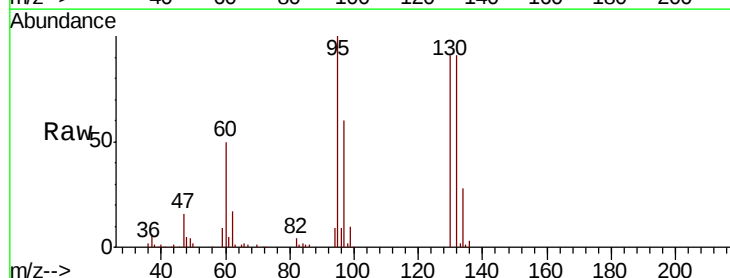
Acq: 02 Sep 2019 00:40

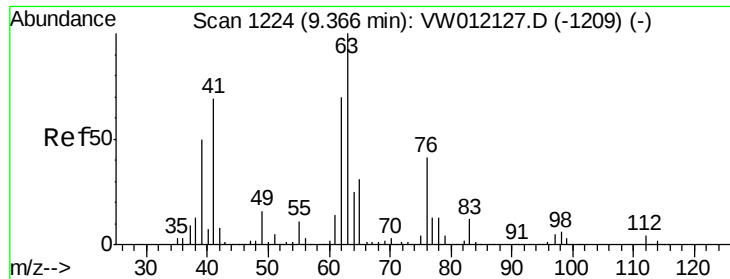
Tgt Ion: 130 Resp: 41030

Ion Ratio Lower Upper

130 100

95 109.7 0.0 210.6

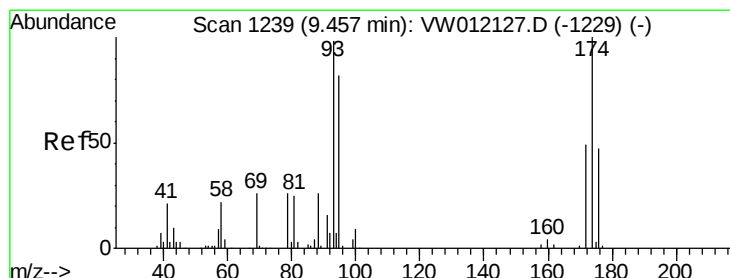
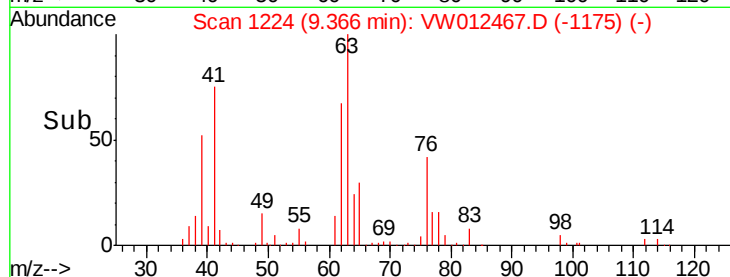
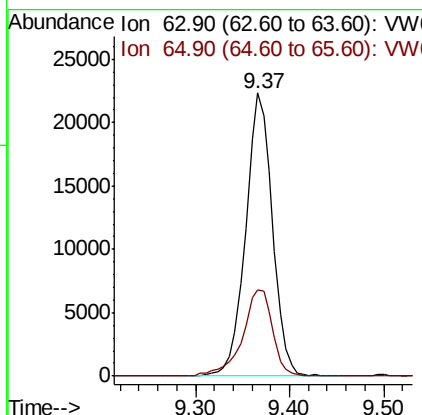
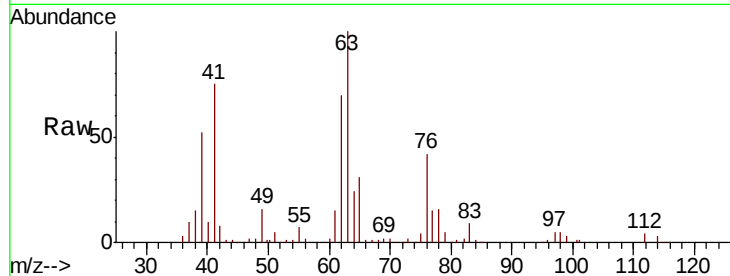




#45
 1,2-Dichloropropane
 Concen: 20.440 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

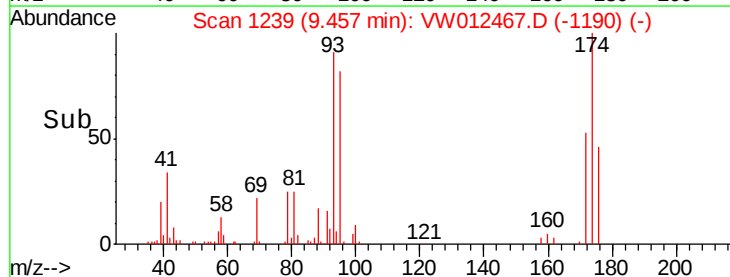
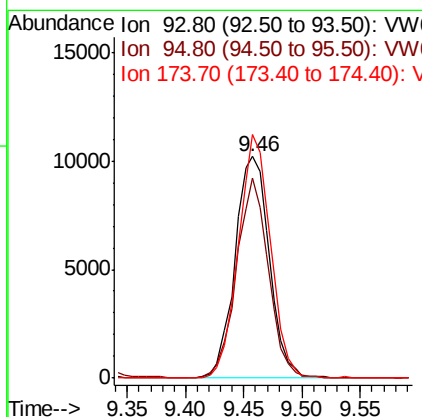
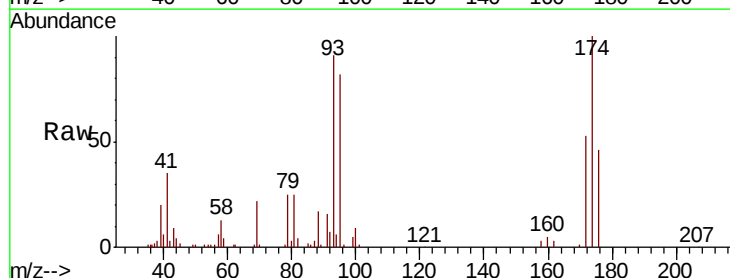
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

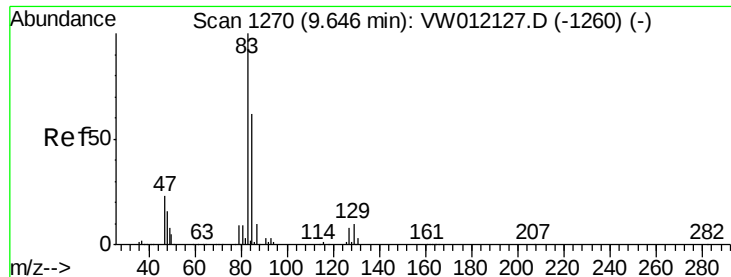
Tgt Ion: 63 Resp: 44466
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4



#46
 Dibromomethane
 Concen: 21.618 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 93 Resp: 20924
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 102.9 79.0 118.6





#47

Bromodichloromethane

Concen: 21.968 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

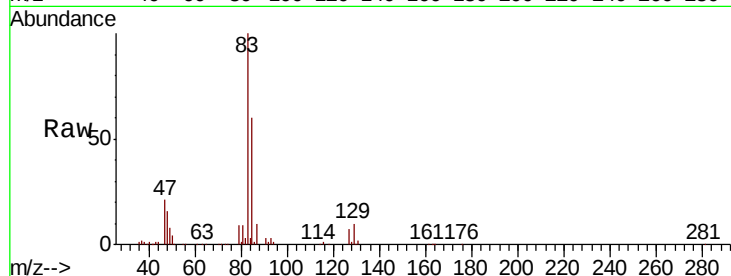
Tgt Ion: 83 Resp: 56589

Ion Ratio Lower Upper

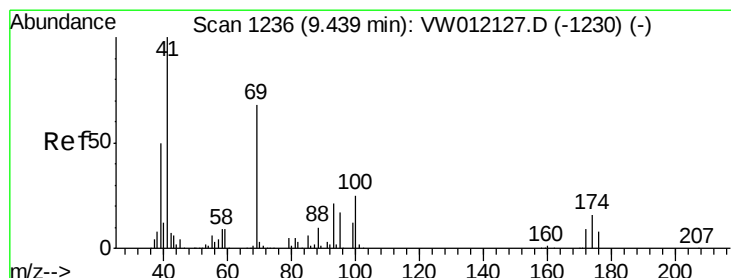
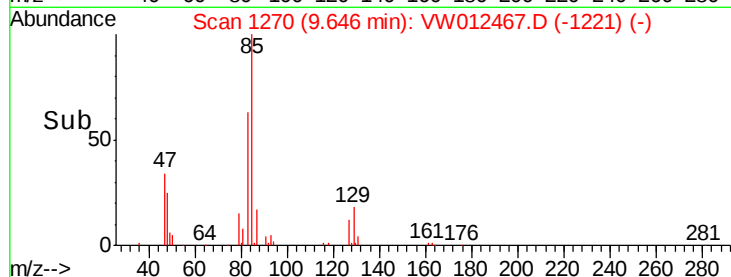
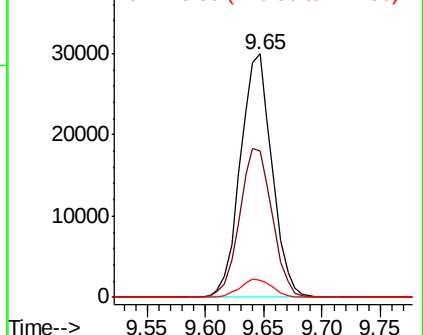
83 100

85 59.9 49.4 74.2

127 7.2 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): V



#48

Methyl methacrylate

Concen: 21.736 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

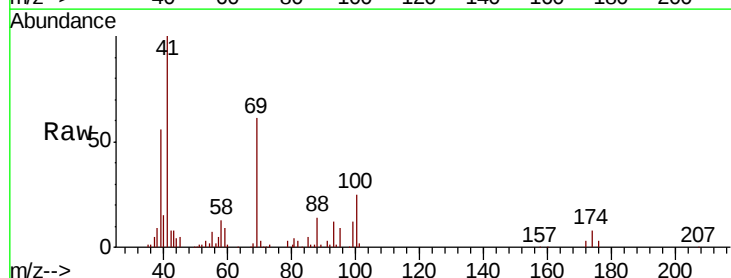
Tgt Ion: 41 Resp: 31085

Ion Ratio Lower Upper

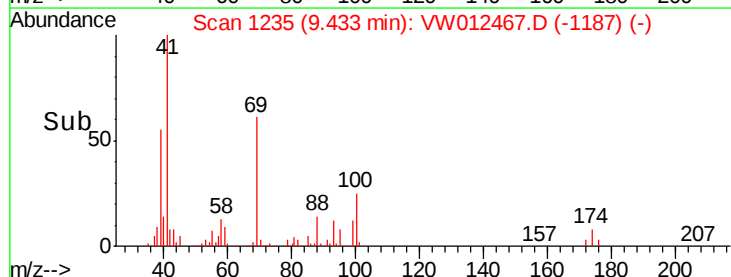
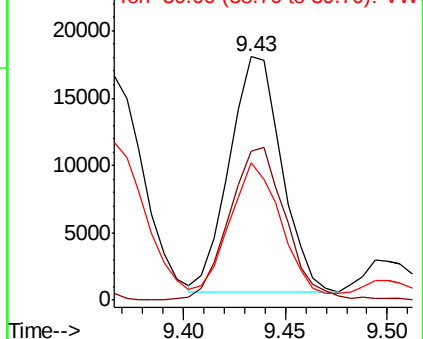
41 100

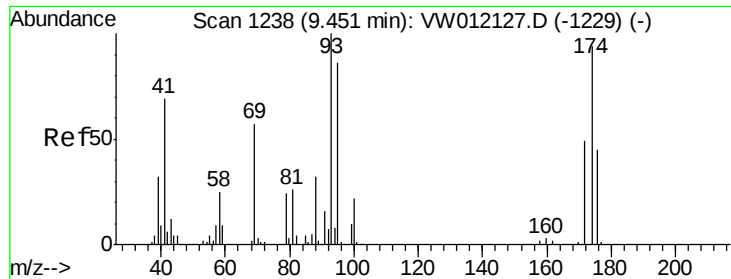
69 70.5 56.7 85.1

39 58.8 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

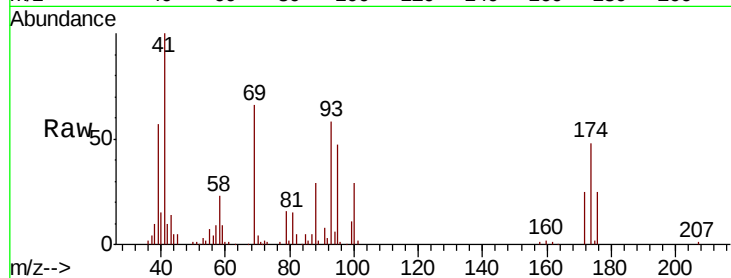




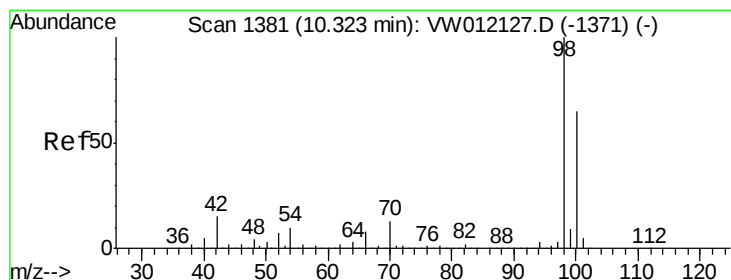
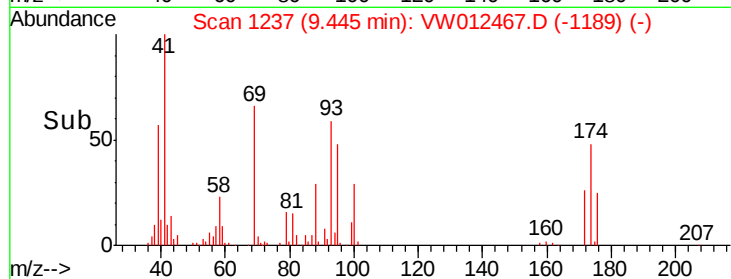
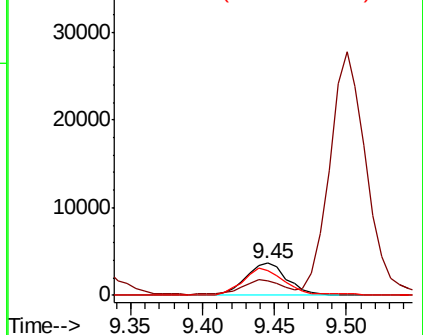
#49
1,4-Dioxane
Concen: 488.071 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

Tgt Ion: 88 Resp: 7232
Ion Ratio Lower Upper
88 100
43 44.4 32.9 49.3
58 85.2 71.0 106.4

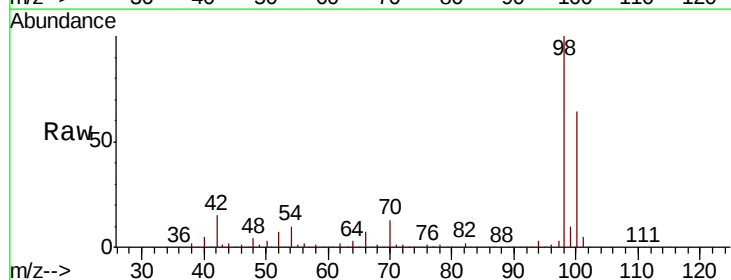


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

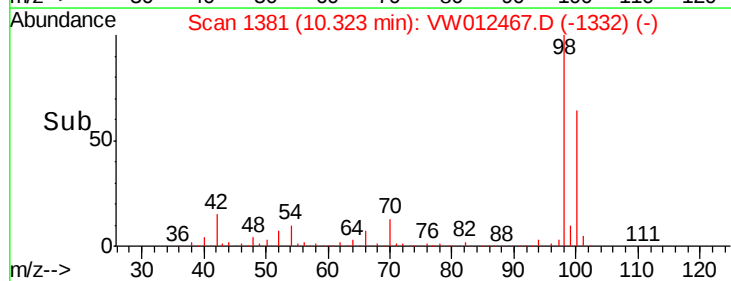
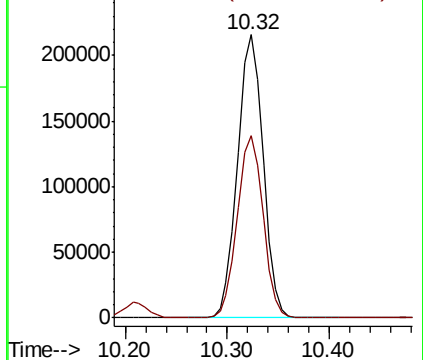


#50
Toluene-d8
Concen: 54.092 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion: 98 Resp: 375024
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



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

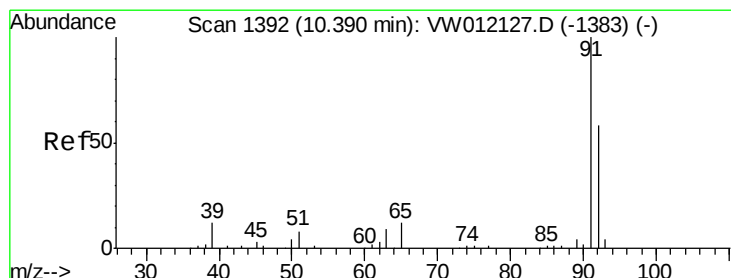
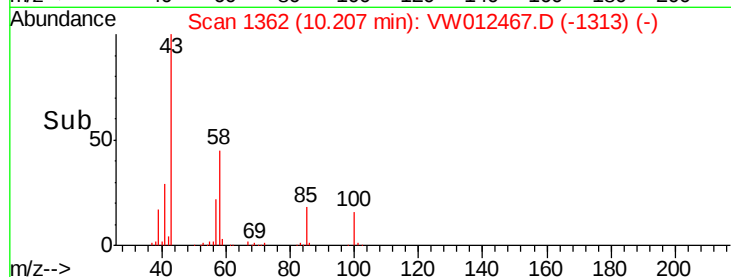
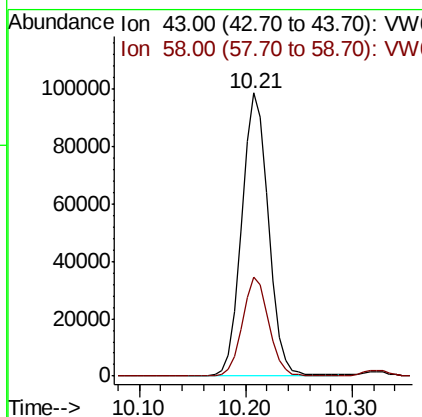
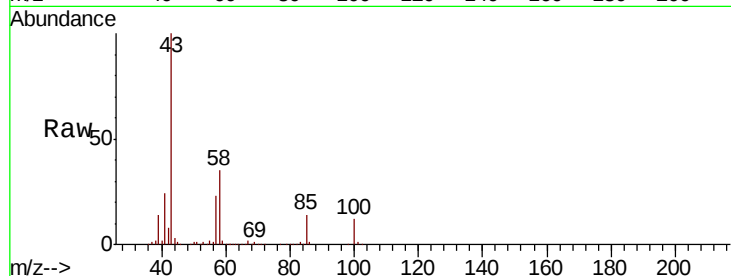




#51
 4-Methyl-2-Pentanone
 Concen: 113.779 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

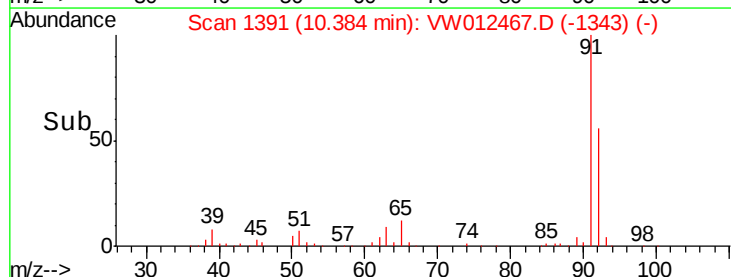
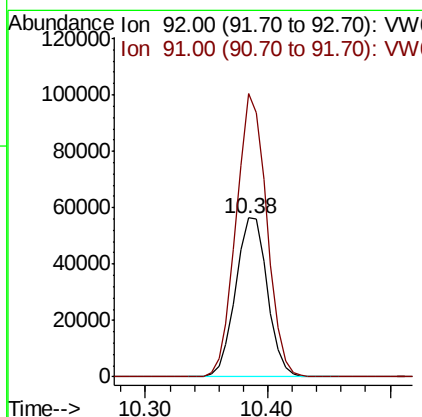
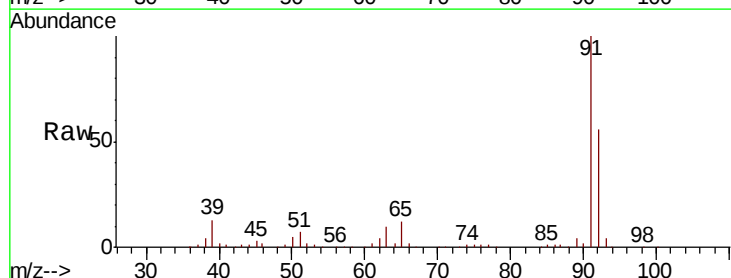
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

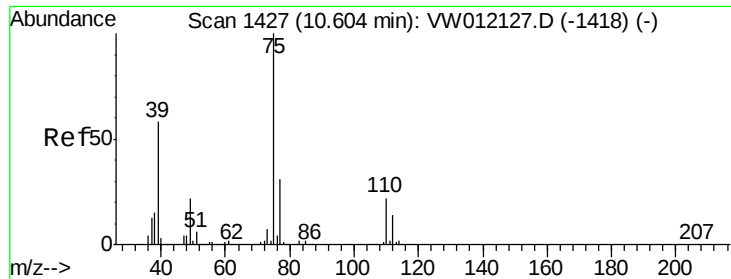
Tgt Ion: 43 Resp: 173890
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.2 42.2



#52
 Toluene
 Concen: 20.912 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 92 Resp: 101548
 Ion Ratio Lower Upper
 92 100
 91 172.3 136.6 204.8

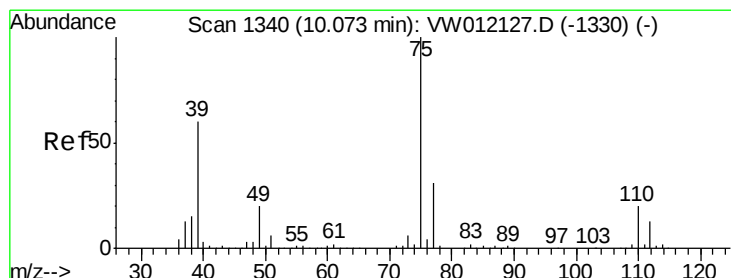
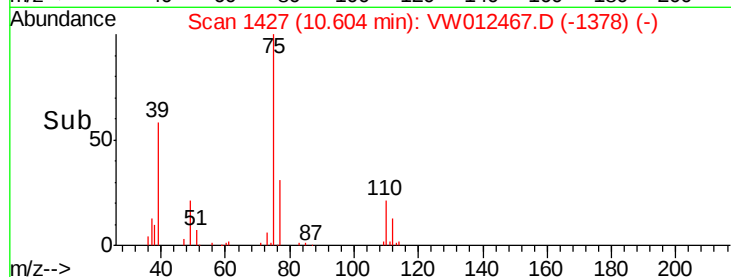
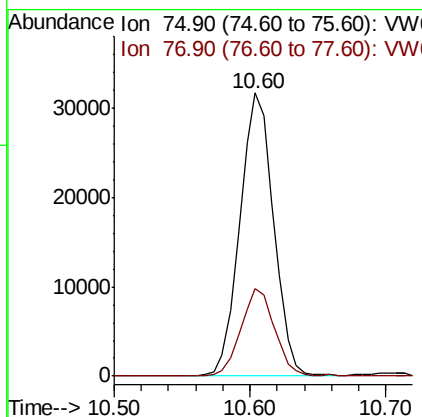
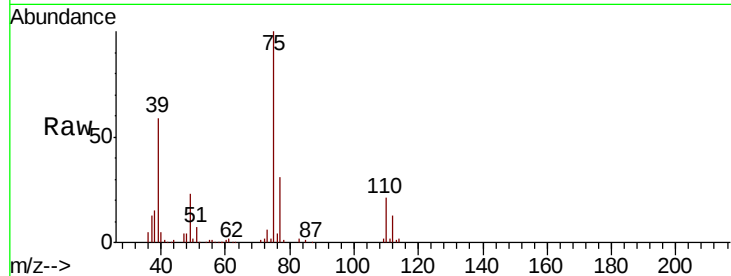




#53
 t-1,3-Dichloropropene
 Concen: 20.883 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

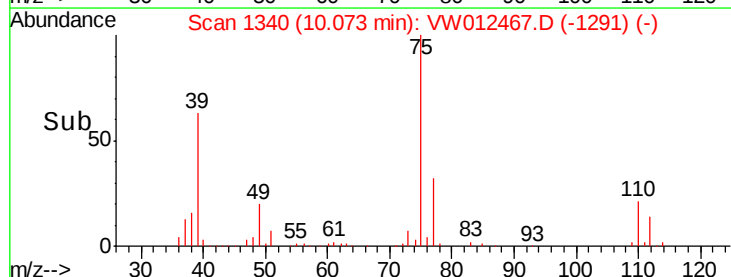
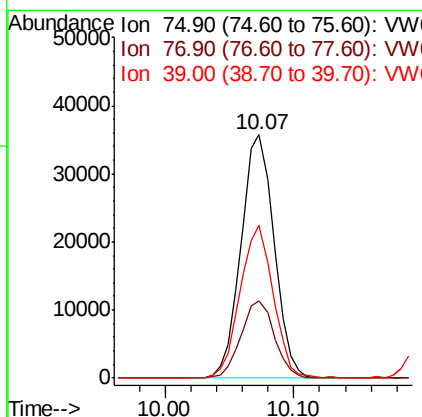
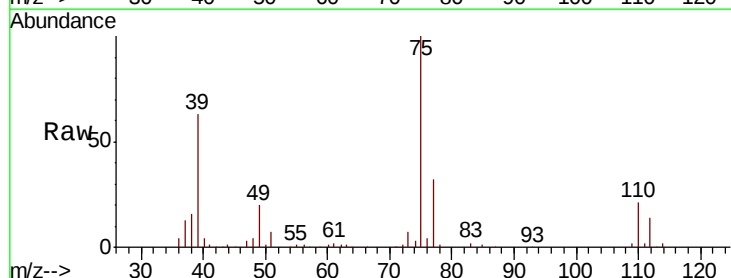
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

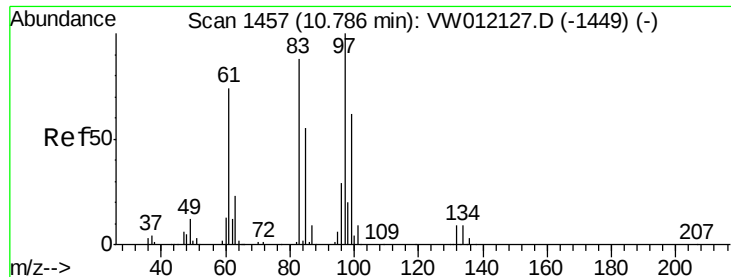
Tgt Ion: 75 Resp: 54797
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.054 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 75 Resp: 63538
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 62.5 48.3 72.5

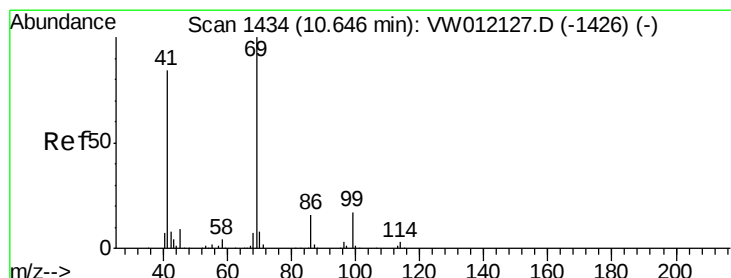
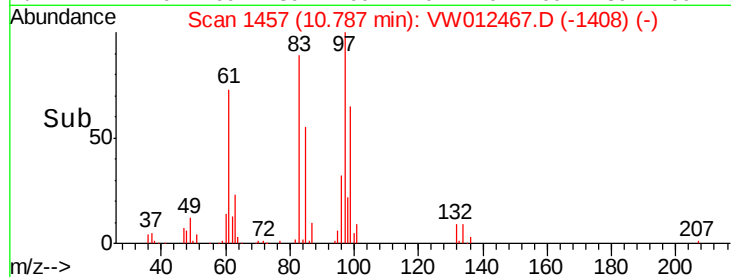
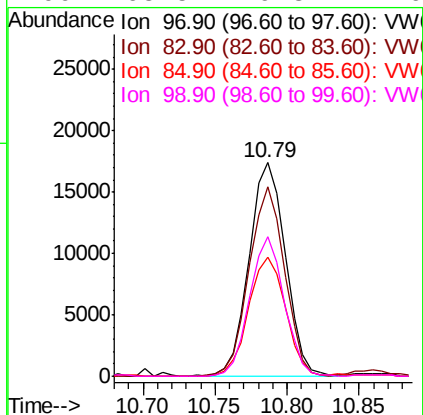
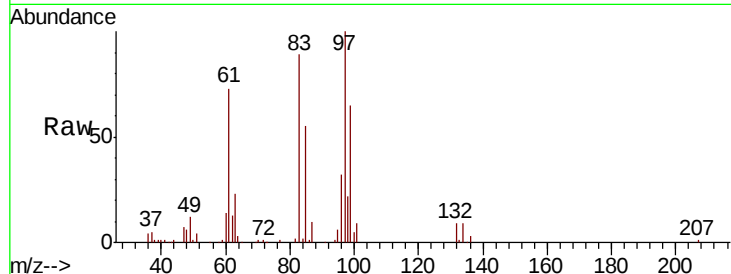




#55
 1,1,2-Trichloroethane
 Concen: 21.901 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

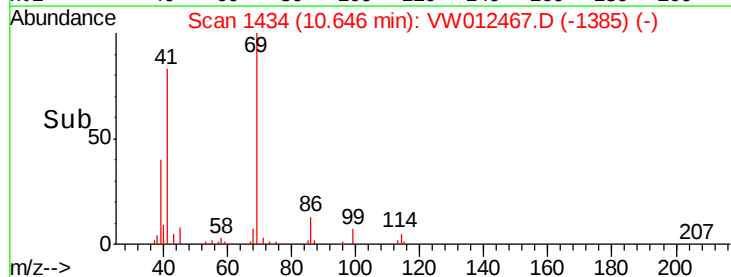
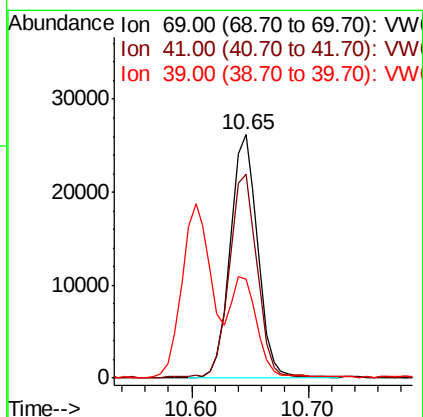
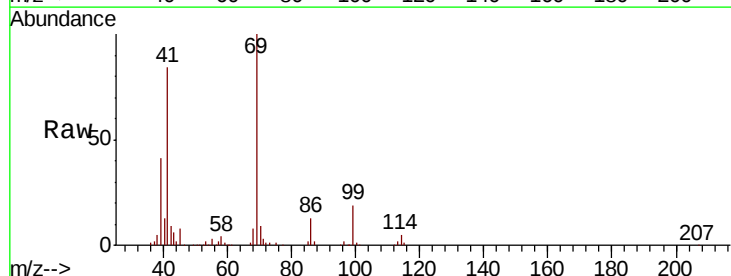
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

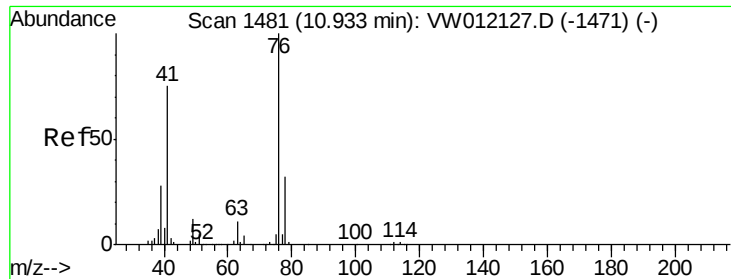
Tgt Ion:	97	Resp:	29992
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.8	106.2
85	55.7	43.8	65.8
99	65.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 21.715 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion:	69	Resp:	43280
Ion	Ratio	Lower	Upper
69	100		
41	85.8	66.5	99.7
39	38.3	31.0	46.4

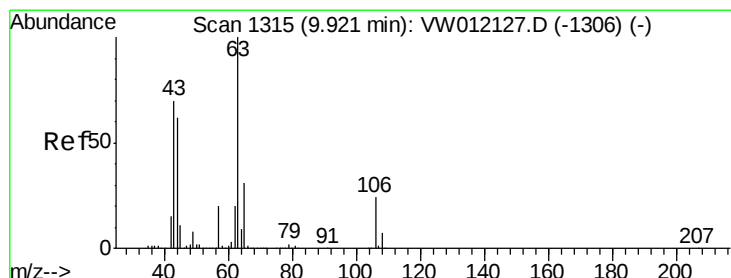
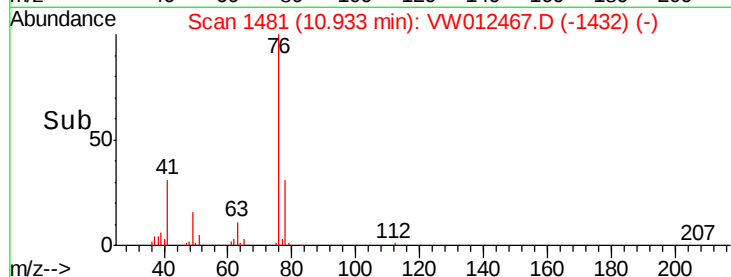
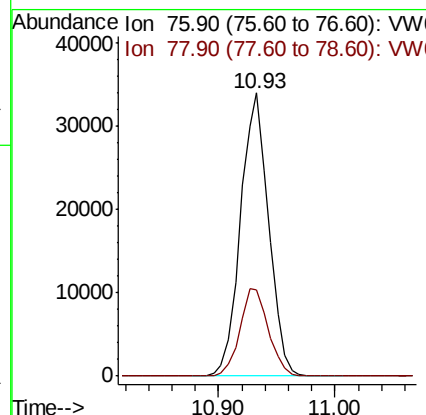
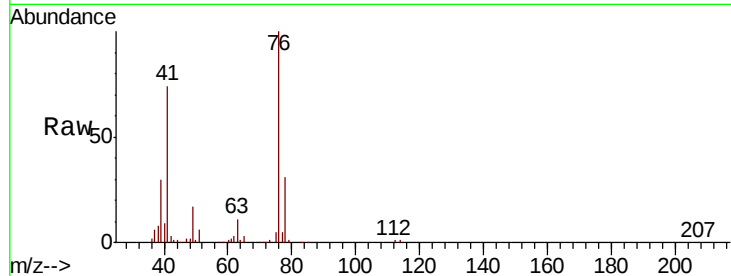




#57
 1,3-Dichloropropane
 Concen: 22.040 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

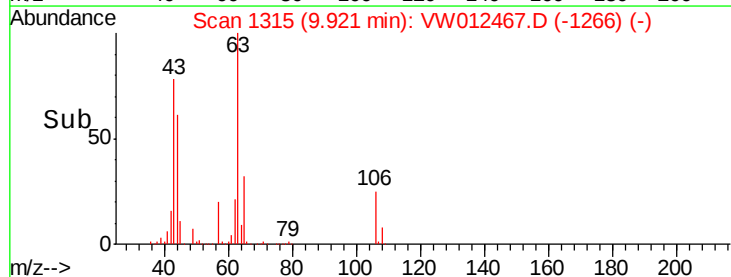
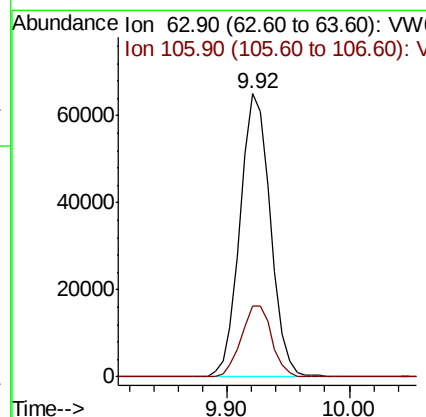
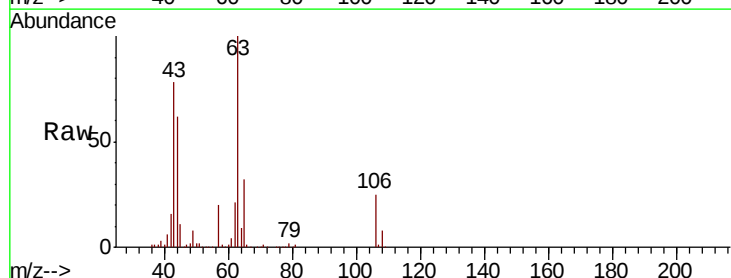
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

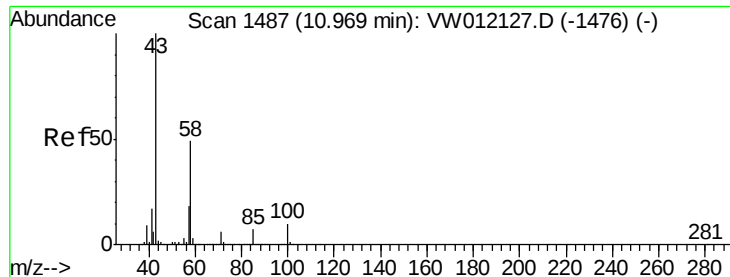
Tgt Ion: 76 Resp: 57037
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.289 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 63 Resp: 111794
 Ion Ratio Lower Upper
 63 100
 106 25.3 19.8 29.8





#59

2-Hexanone

Concen: 109.628 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

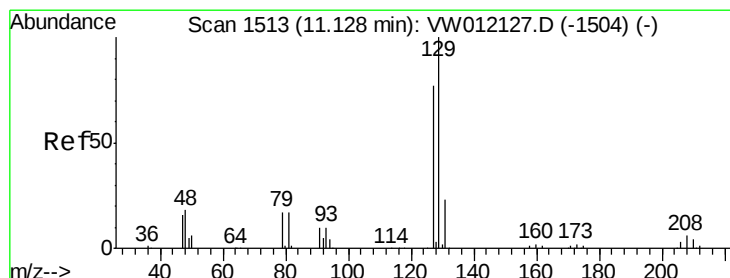
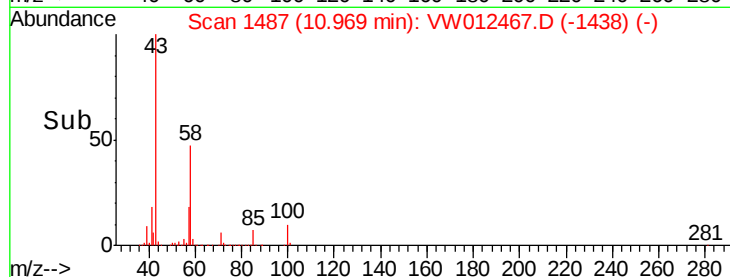
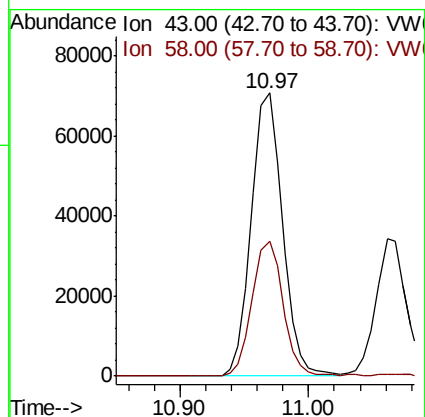
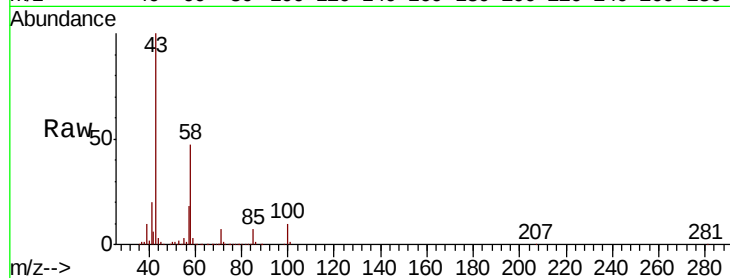
VW0901SBSD02

Tgt Ion: 43 Resp: 118549

Ion Ratio Lower Upper

43 100

58 47.2 24.3 72.9



#60

Dibromochloromethane

Concen: 21.745 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW012467.D

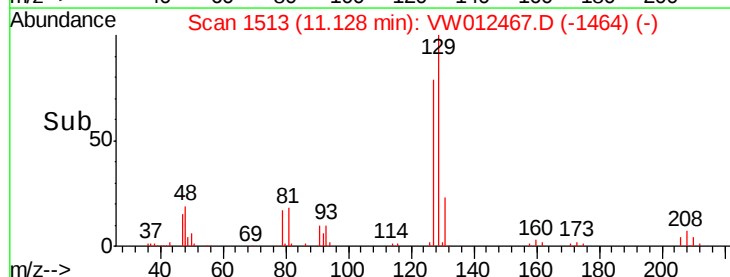
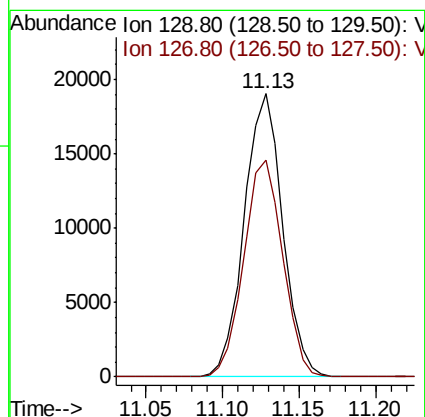
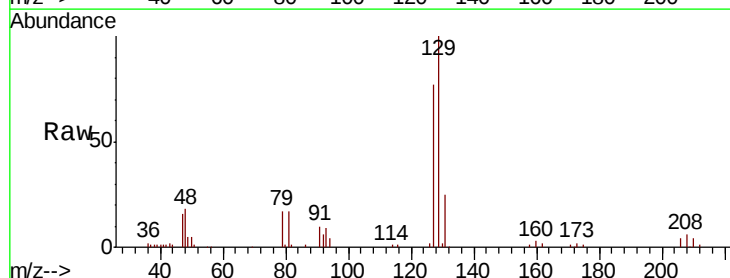
Acq: 02 Sep 2019 00:40

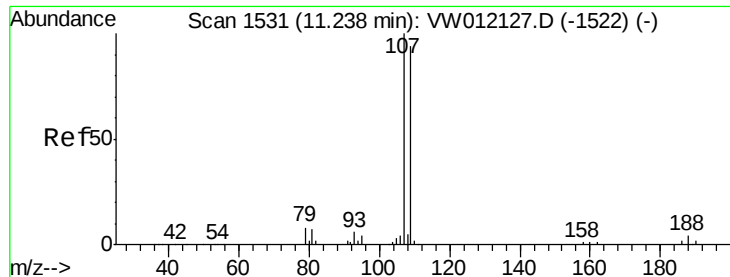
Tgt Ion: 129 Resp: 33169

Ion Ratio Lower Upper

129 100

127 78.0 38.6 115.8

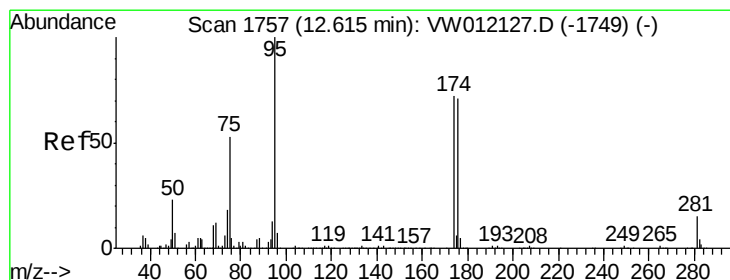
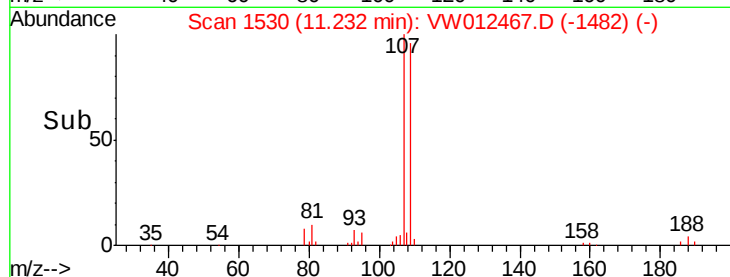
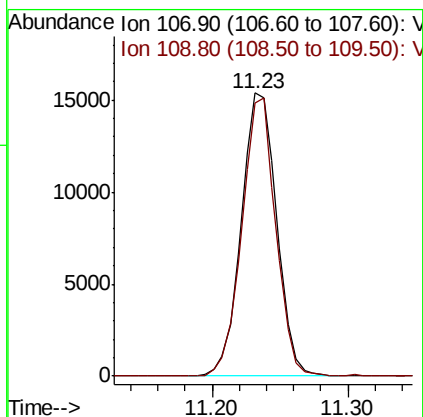
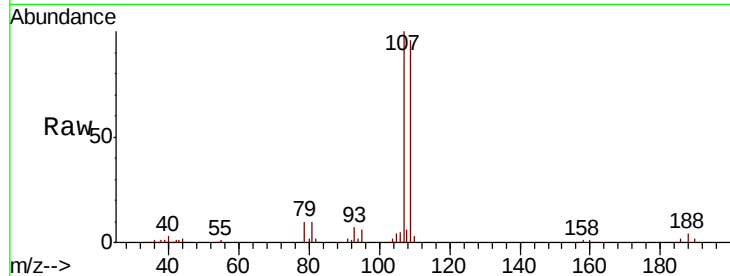




#61
 1,2-Dibromoethane
 Concen: 21.953 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

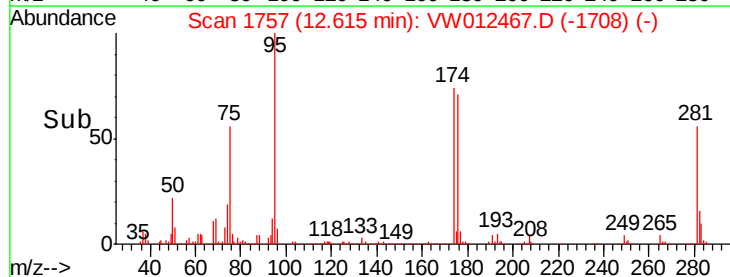
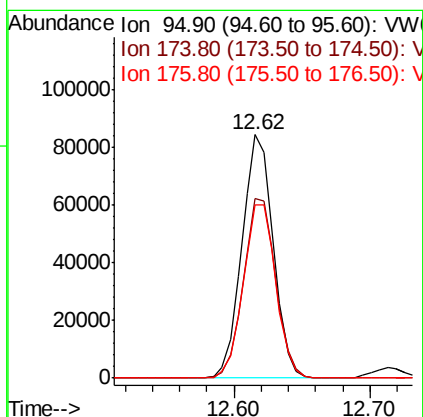
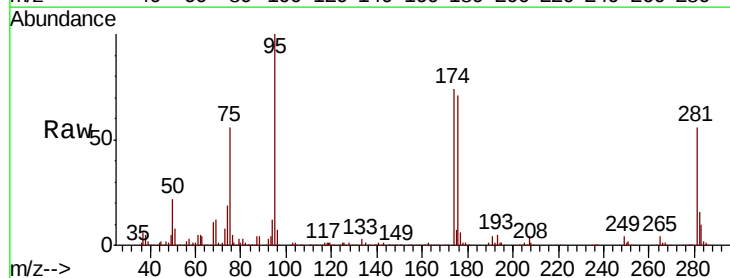
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

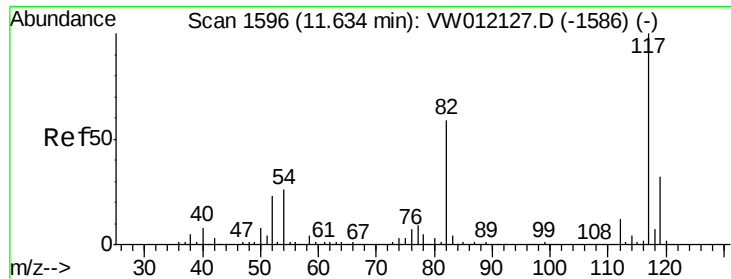
Tgt Ion: 107 Resp: 28008
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 55.450 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 95 Resp: 135515
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 150.8
 176 74.5 0.0 148.6

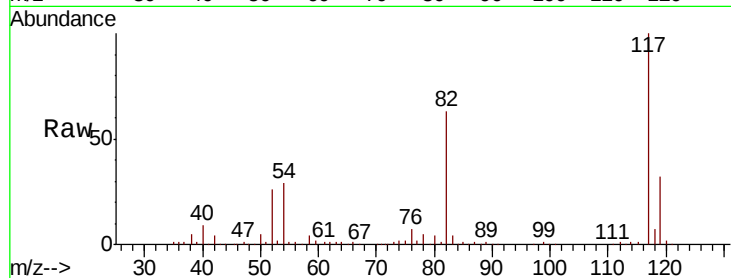




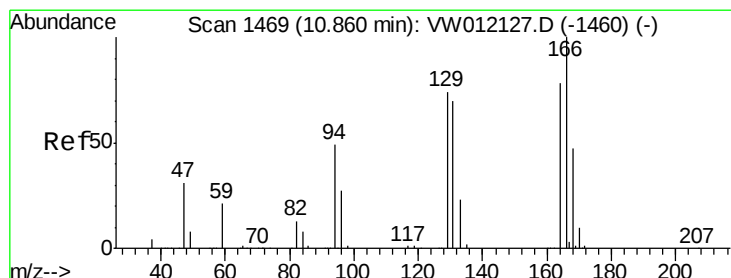
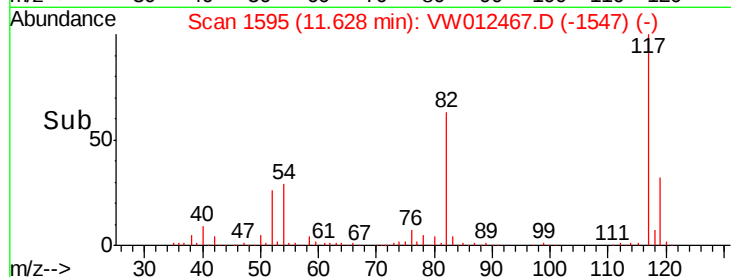
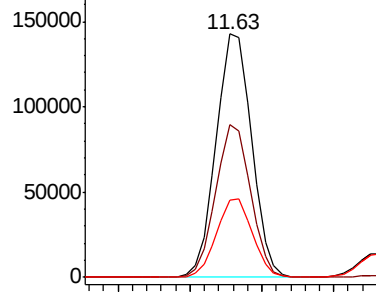
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

Tgt Ion:117 Resp: 244349
Ion Ratio Lower Upper
117 100
82 62.5 47.4 71.2
119 31.9 25.4 38.2

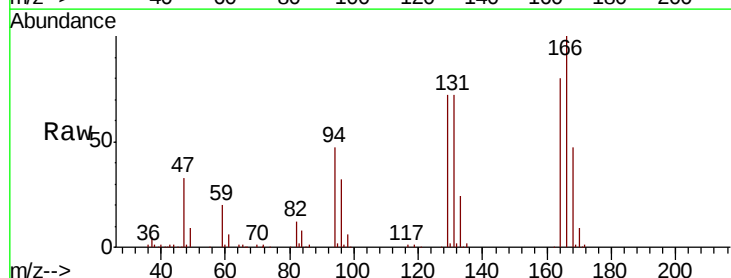


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

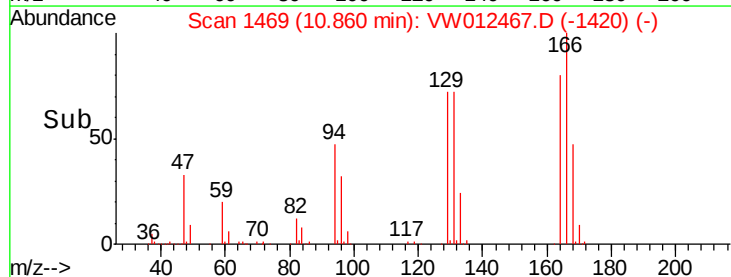
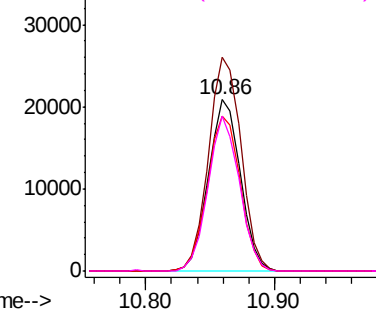


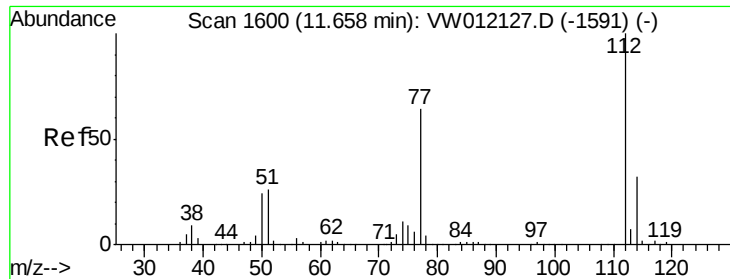
#64
Tetrachloroethene
Concen: 22.754 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion:164 Resp: 36047
Ion Ratio Lower Upper
164 100
166 124.6 102.4 153.6
129 90.2 75.8 113.6
131 90.2 71.4 107.2



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

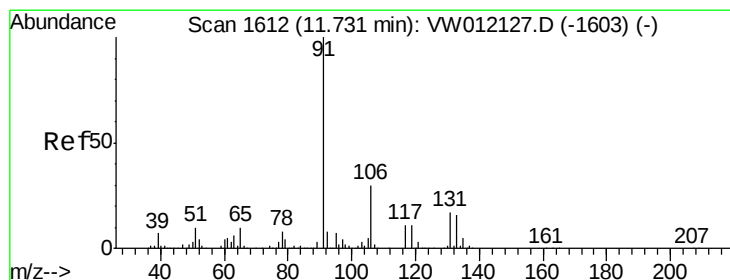
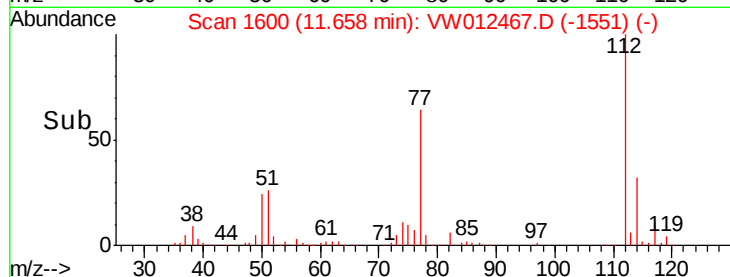
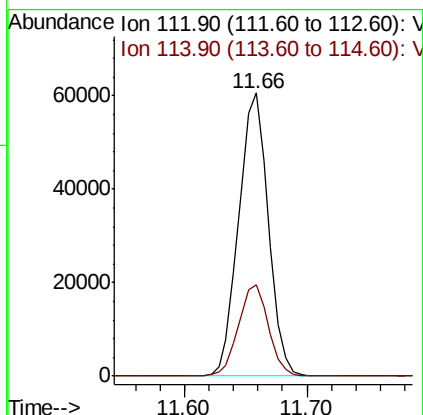
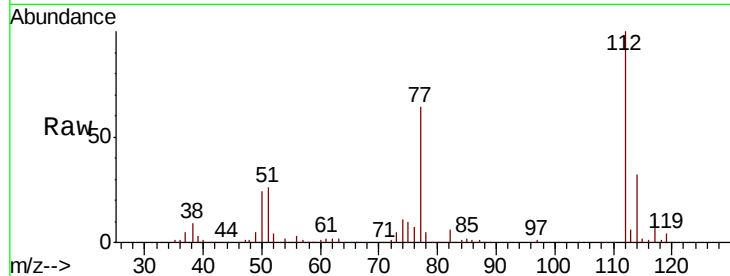




#65
Chlorobenzene
Concen: 21.144 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

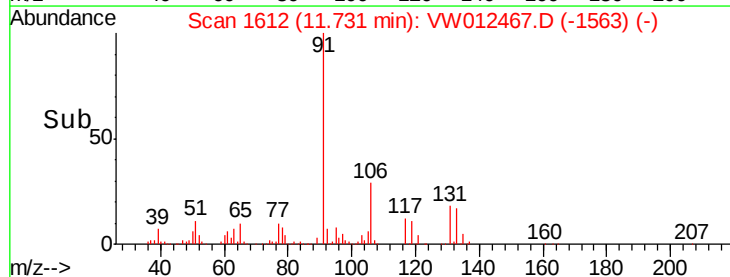
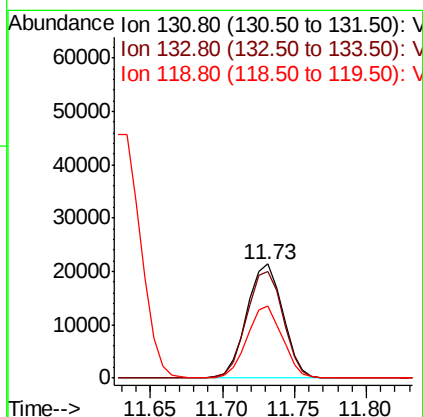
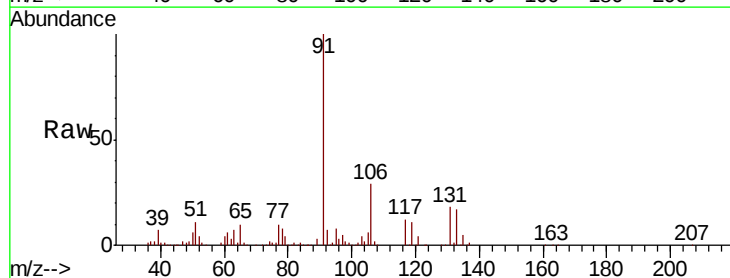
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

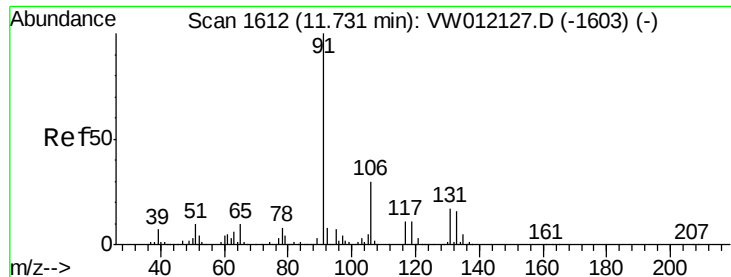
Tgt Ion:112 Resp: 101734
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.206 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion:131 Resp: 37273
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.3
119 62.1 31.8 95.3

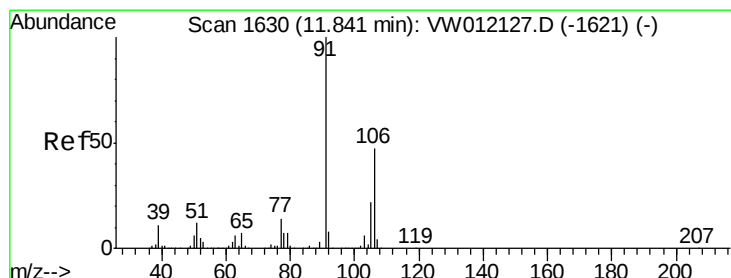
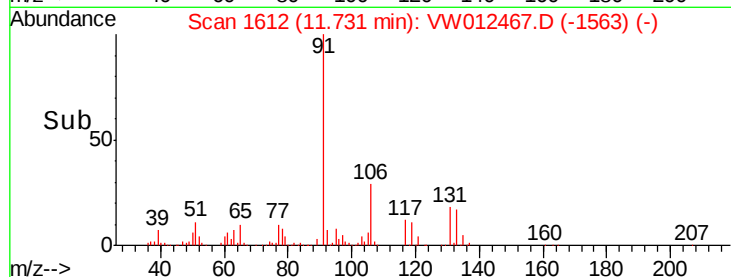
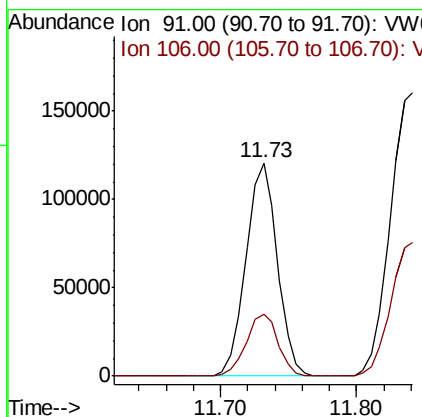
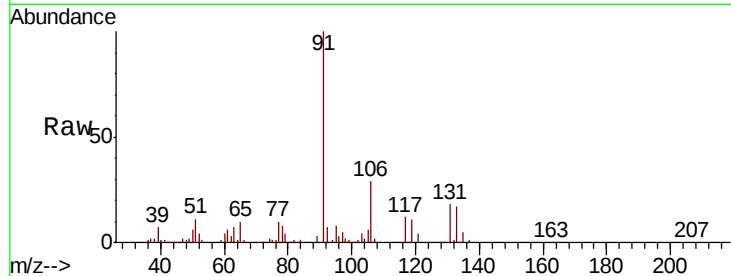




#67
Ethyl Benzene
Concen: 21.002 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

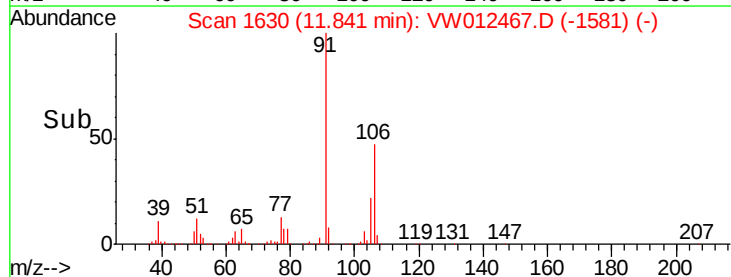
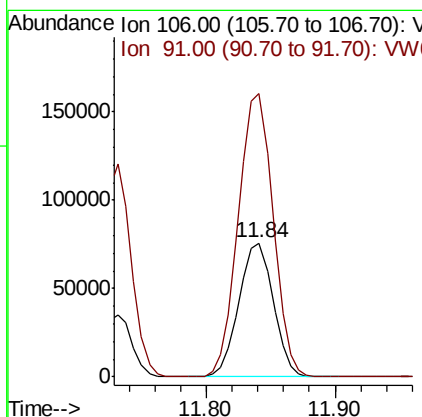
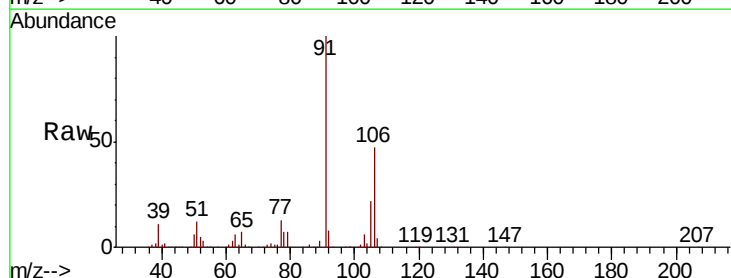
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

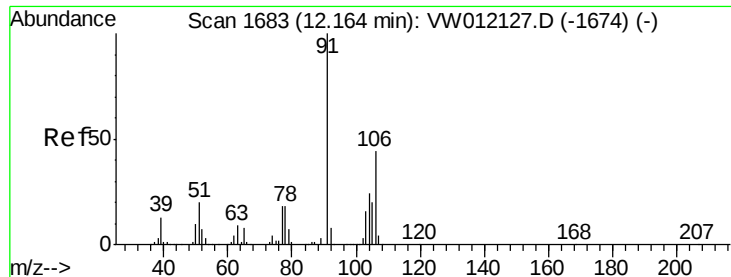
Tgt Ion: 91 Resp: 194659
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5



#68
m/p-Xylenes
Concen: 42.176 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion: 106 Resp: 140808
Ion Ratio Lower Upper
106 100
91 213.2 169.5 254.3

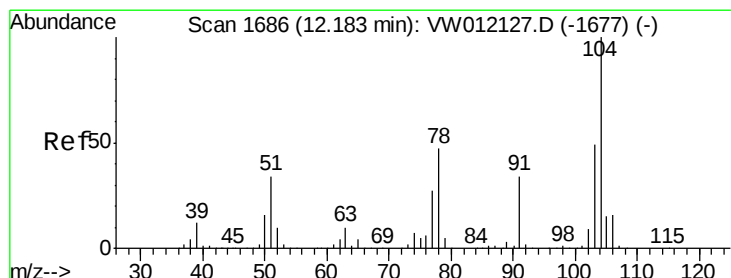
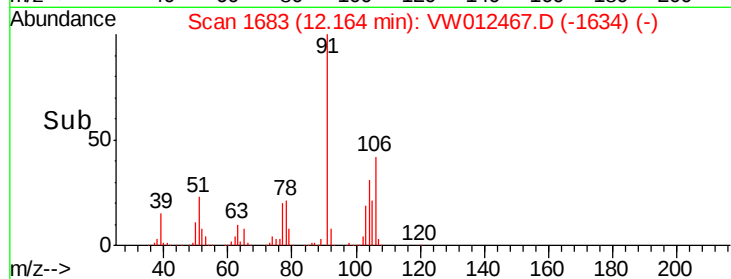
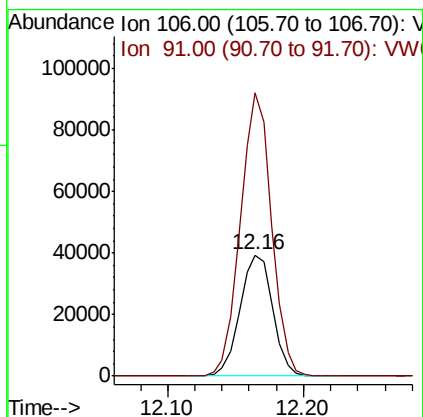
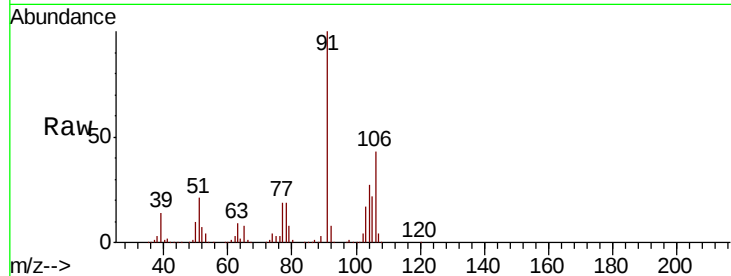




#69
o-Xylene
Concen: 21.349 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

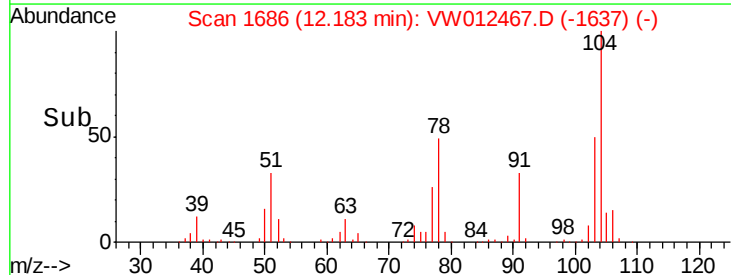
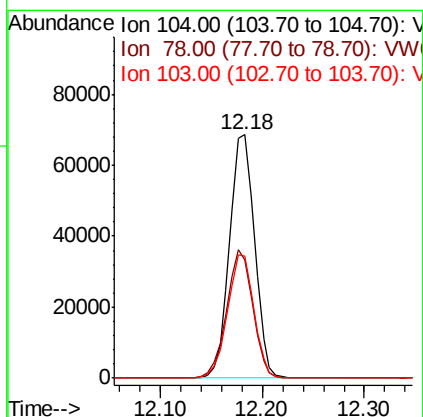
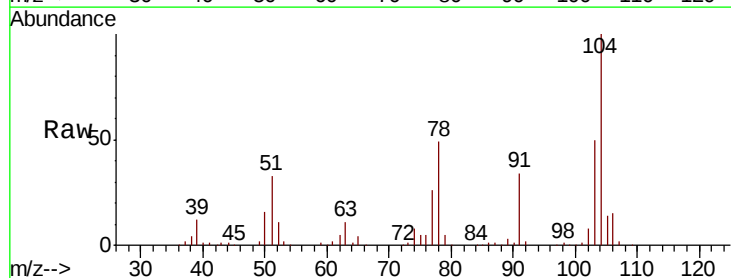
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

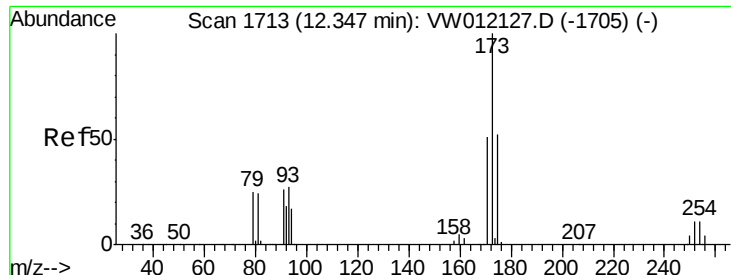
Tgt Ion:106 Resp: 65969
Ion Ratio Lower Upper
106 100
91 223.9 111.6 334.6



#70
Styrene
Concen: 21.819 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion:104 Resp: 116696
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 53.2 43.5 65.3

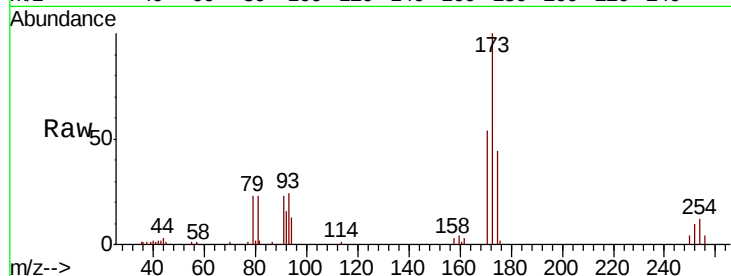




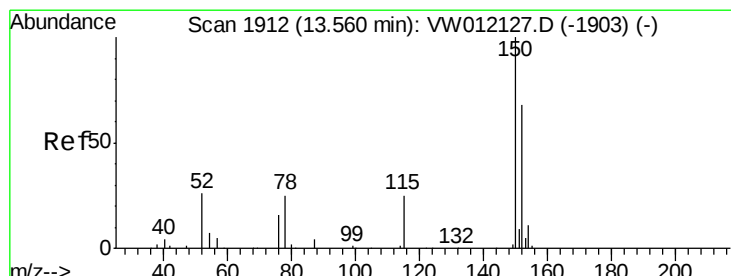
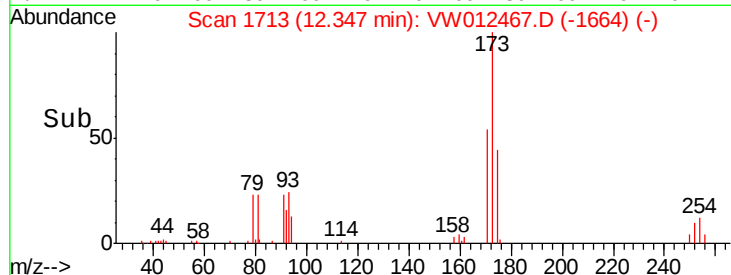
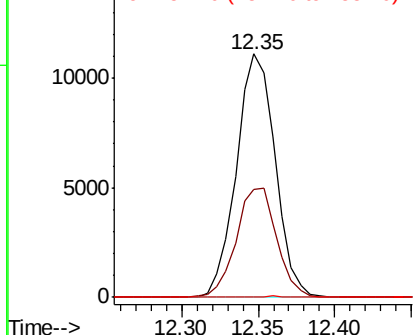
#71
Bromoform
Concen: 23.335 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

Tgt Ion:173 Resp: 19515
Ion Ratio Lower Upper
173 100
175 46.9 24.6 74.0
254 0.2 0.2 0.2

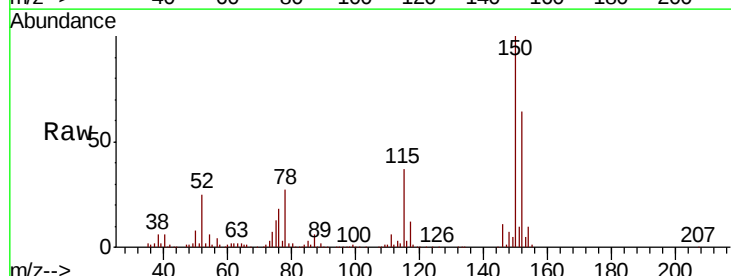


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

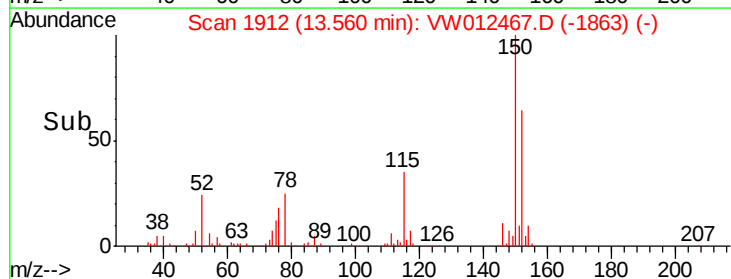
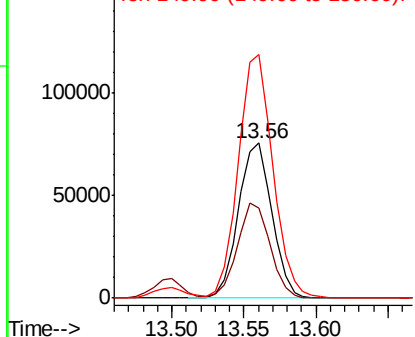


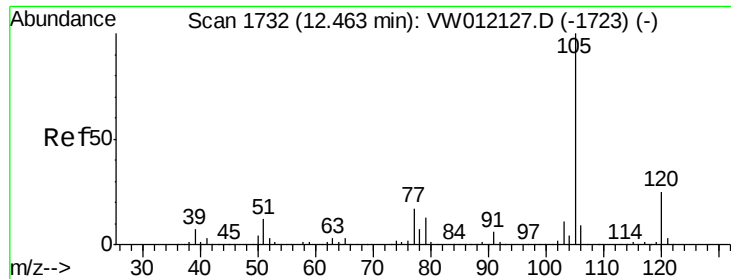
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion:152 Resp: 121308
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.3
150 162.8 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: 20.397 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

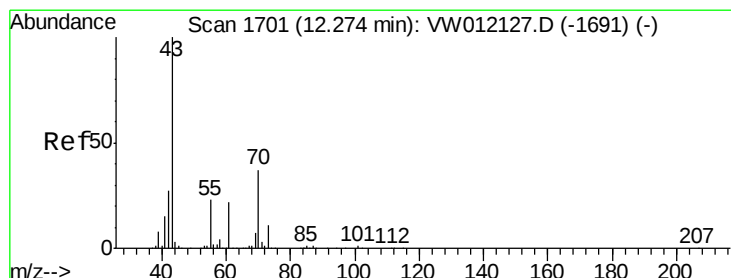
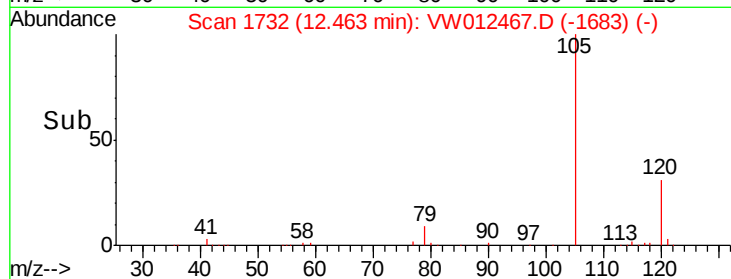
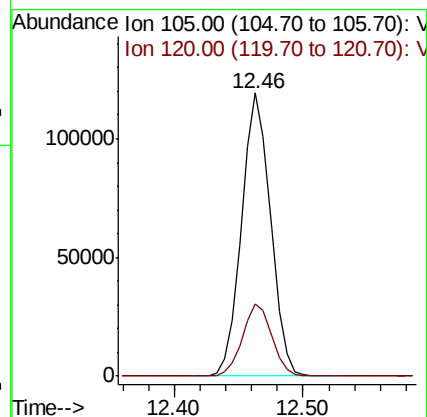
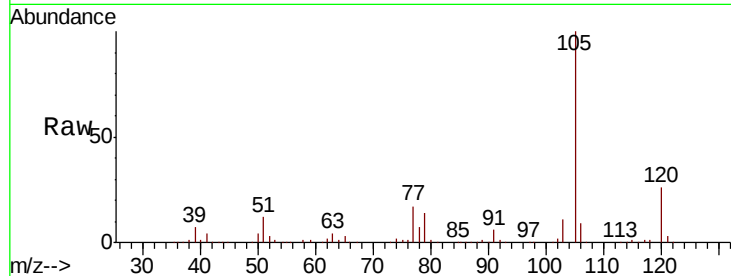
VW0901SBSD02

Tgt Ion:105 Resp: 185404

Ion Ratio Lower Upper

105 100

120 25.6 12.5 37.5



#74

N-ethyl acetate

Concen: 21.681 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Tgt Ion: 43 Resp: 59542

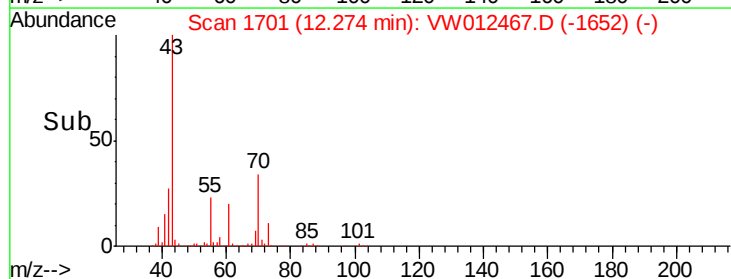
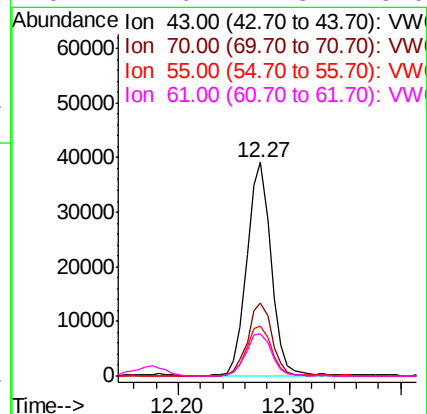
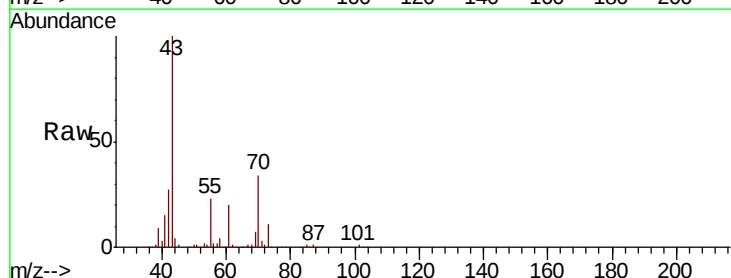
Ion Ratio Lower Upper

43 100

70 34.6 28.6 43.0

55 24.6 17.8 26.6

61 21.0 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.785 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

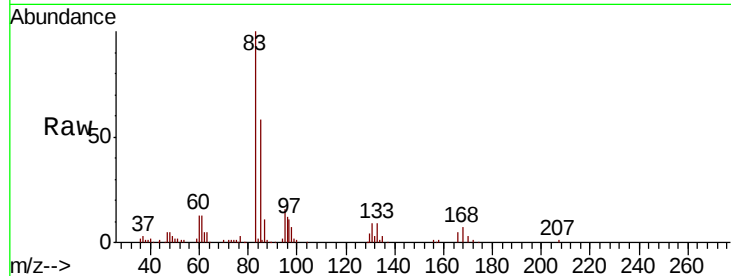
Tgt Ion: 83 Resp: 36303

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

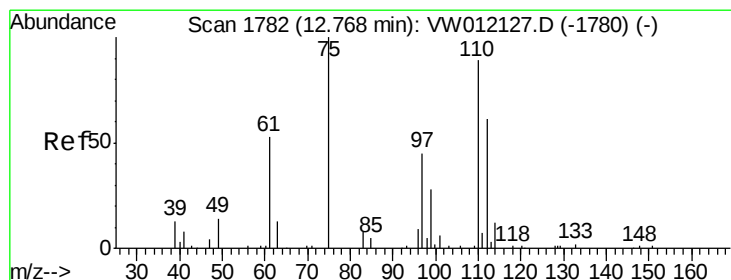
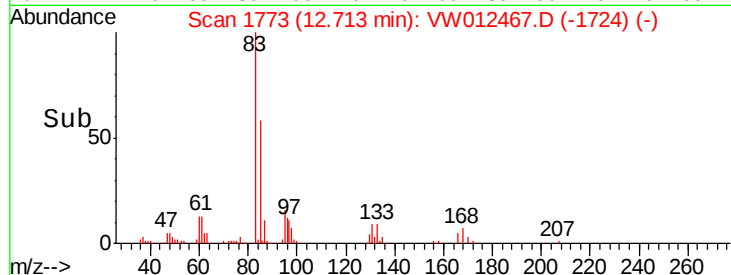
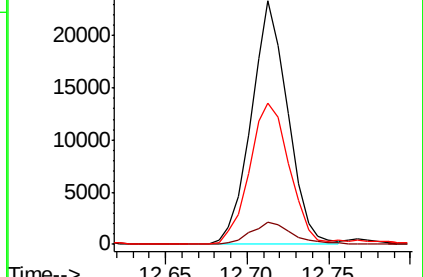
85 63.2 31.9 95.7



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: 40.084 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012467.D

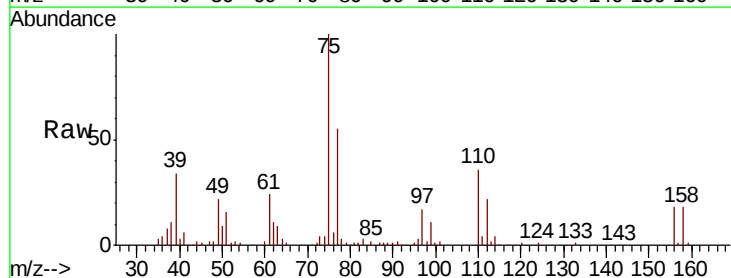
Acq: 02 Sep 2019 00:40

Tgt Ion: 75 Resp: 47357

Ion Ratio Lower Upper

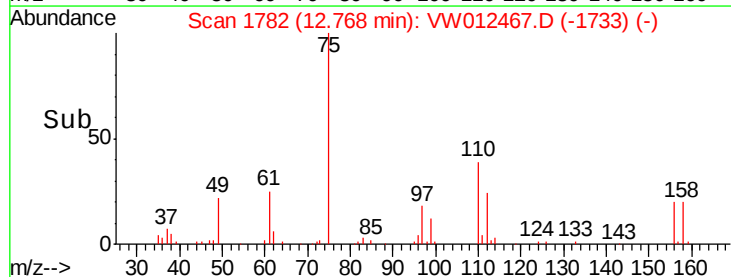
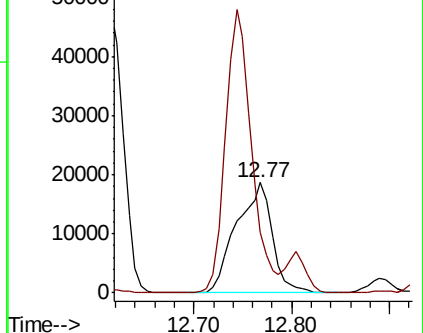
75 100

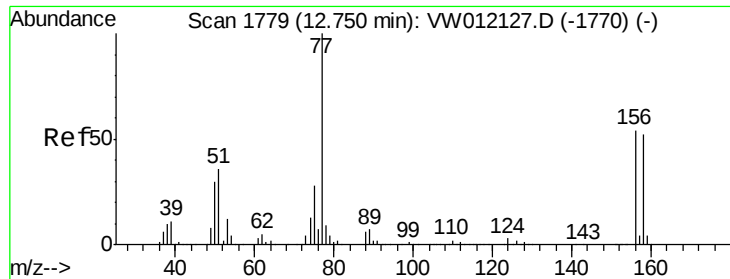
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.295 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

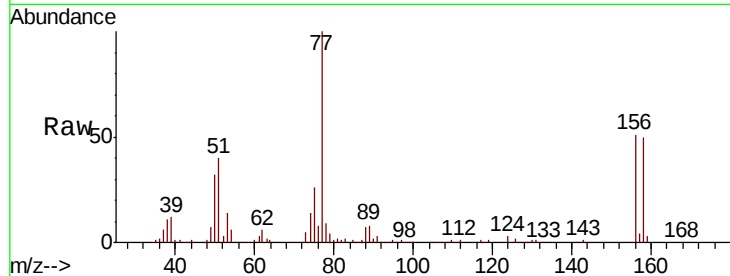
Tgt Ion:156 Resp: 41876

Ion Ratio Lower Upper

156 100

77 212.0 107.3 321.8

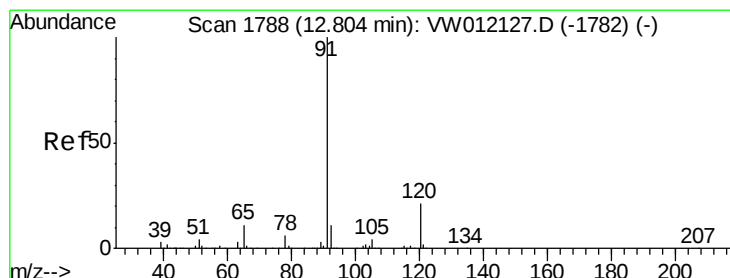
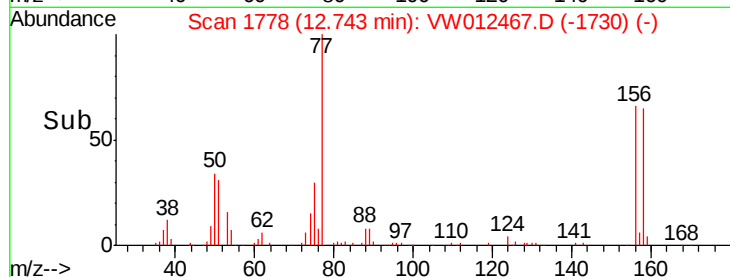
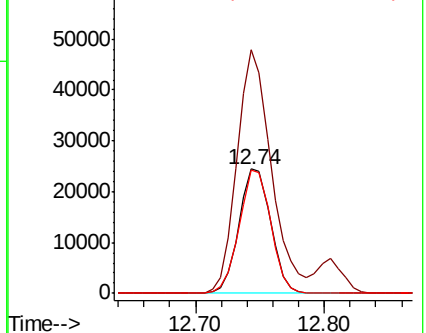
158 97.6 49.0 147.0



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: 20.435 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012467.D

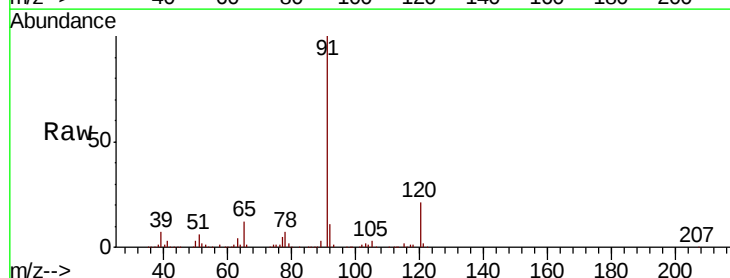
Acq: 02 Sep 2019 00:40

Tgt Ion: 91 Resp: 226767

Ion Ratio Lower Upper

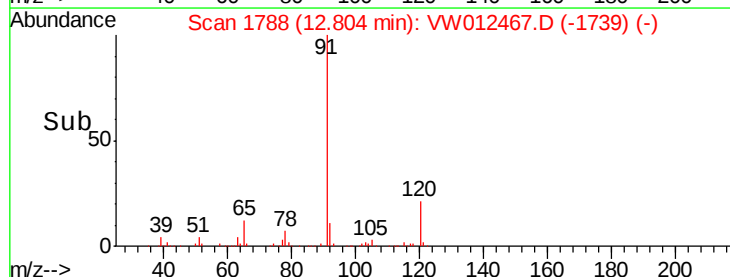
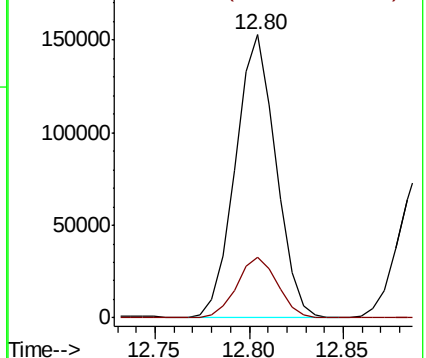
91 100

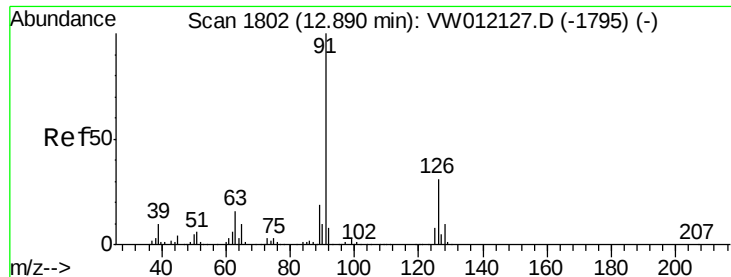
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

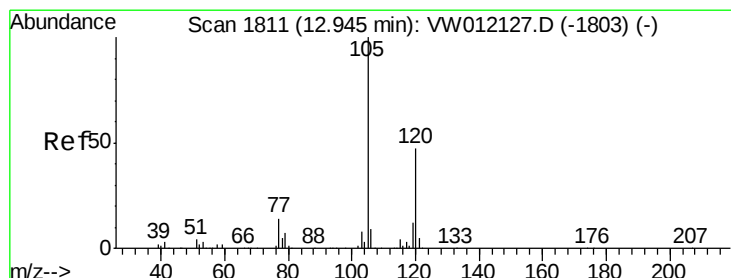
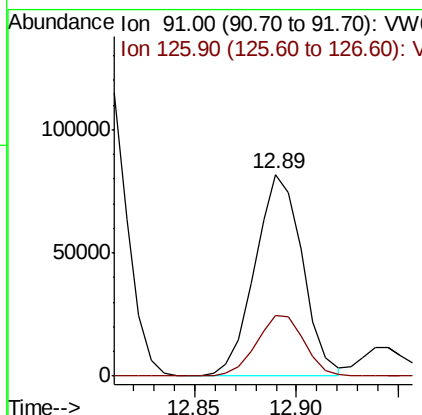
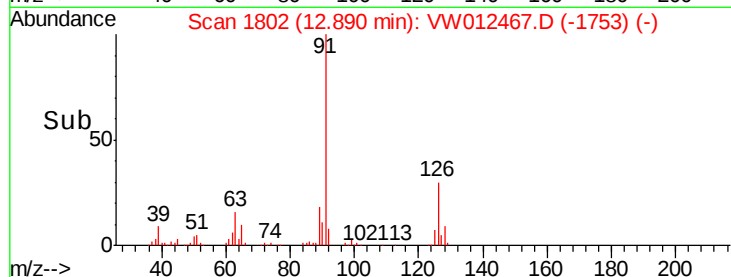
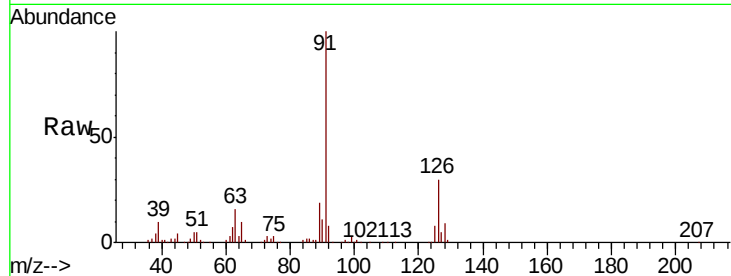




#79
 2-Chlorotoluene
 Concen: 21.002 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

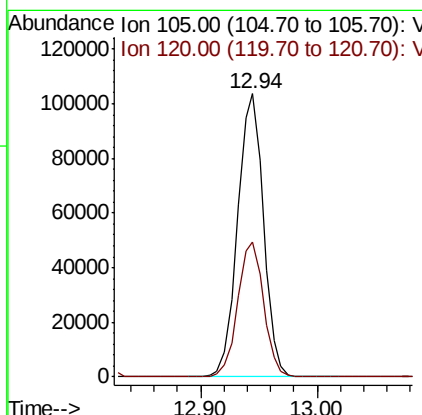
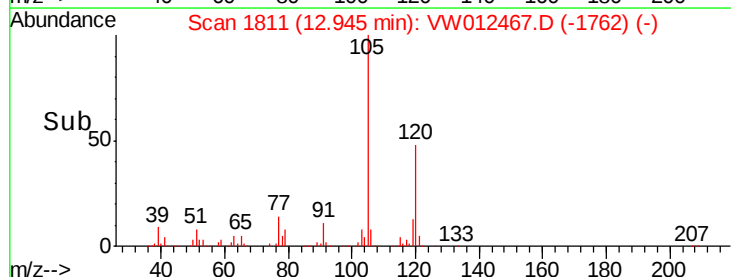
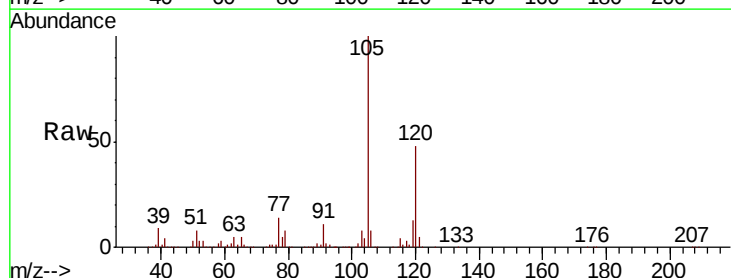
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

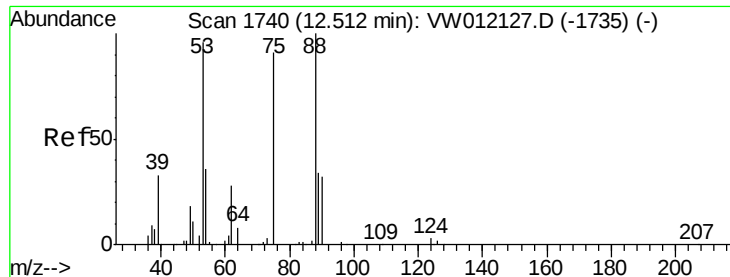
Tgt Ion: 91 Resp: 132316
 Ion Ratio Lower Upper
 91 100
 126 30.7 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.171 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion: 105 Resp: 160802
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.692 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

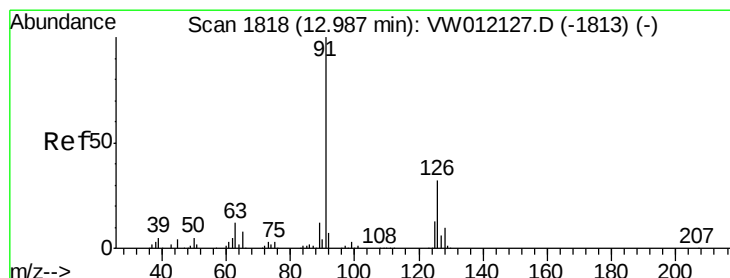
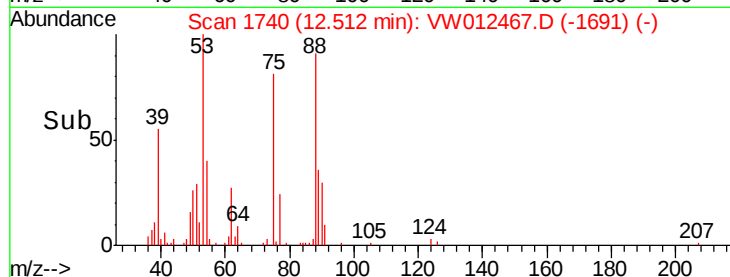
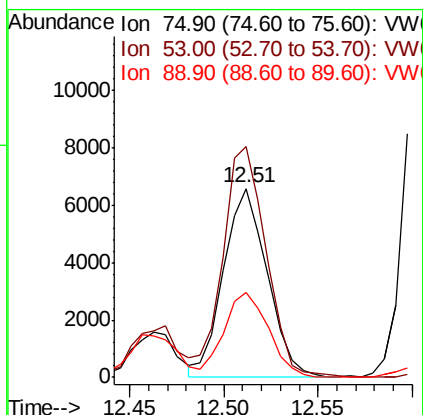
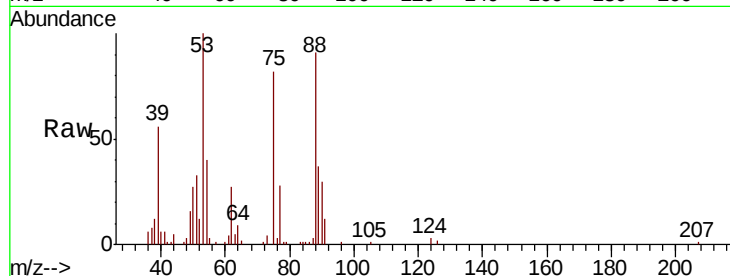
Tgt Ion: 75 Resp: 10611

Ion Ratio Lower Upper

75 100

53 121.0 89.4 134.0

89 45.1 34.5 51.7



#82

4-Chlorotoluene

Concen: 21.198 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012467.D

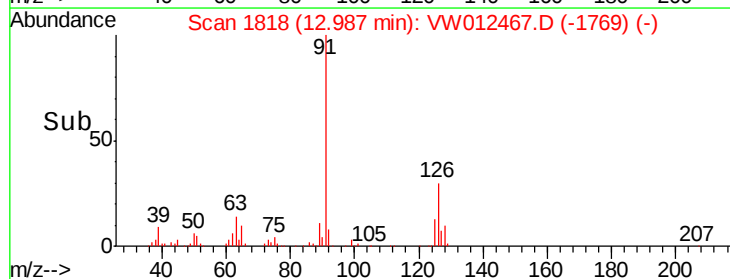
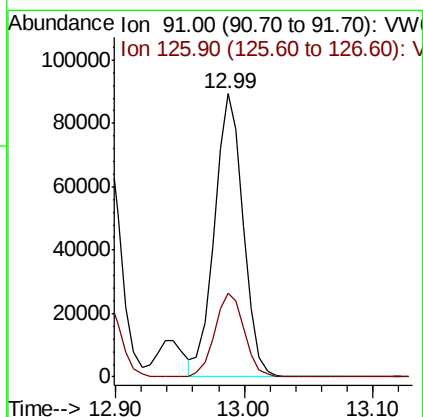
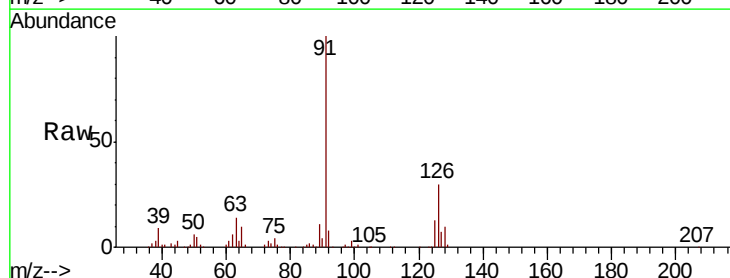
Acq: 02 Sep 2019 00:40

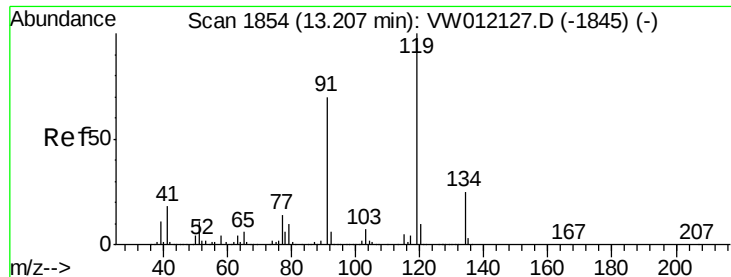
Tgt Ion: 91 Resp: 139838

Ion Ratio Lower Upper

91 100

126 30.4 15.6 46.8

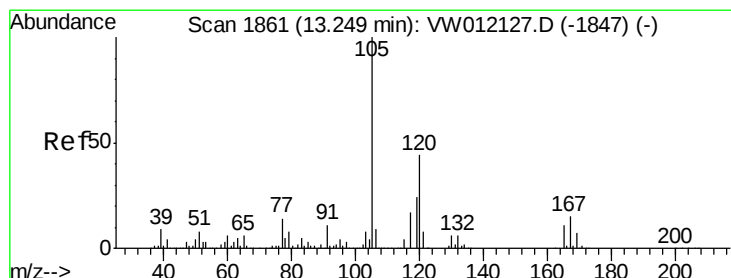
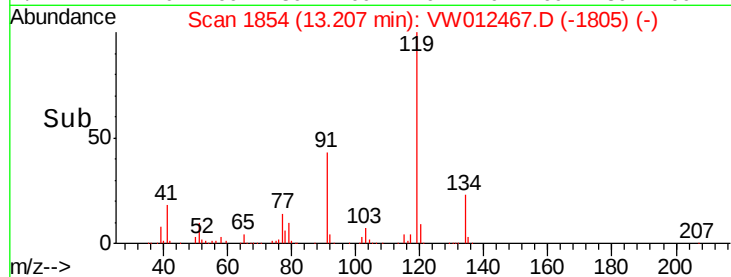
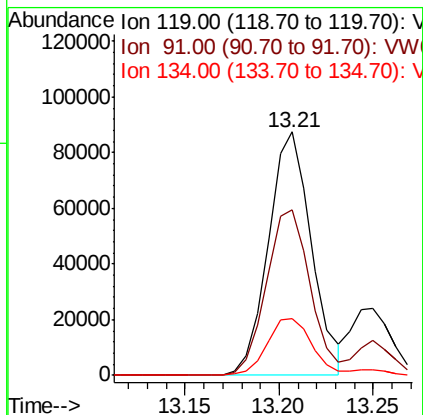
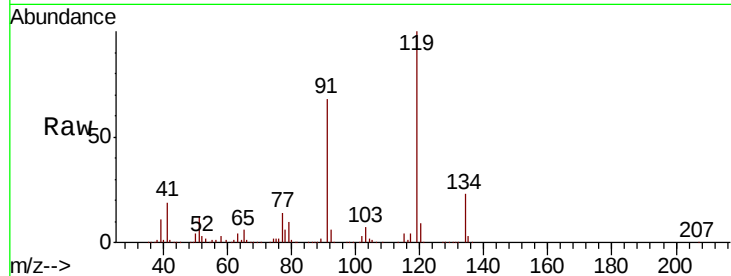




#83
 tert-Butylbenzene
 Concen: 21.619 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

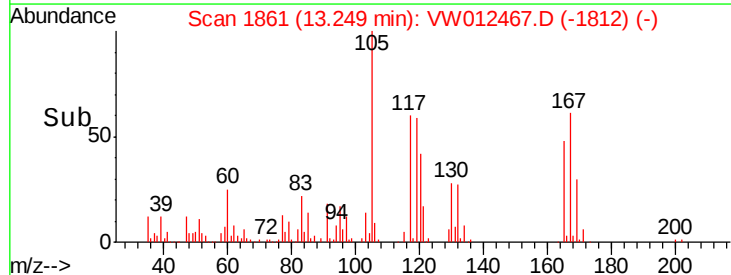
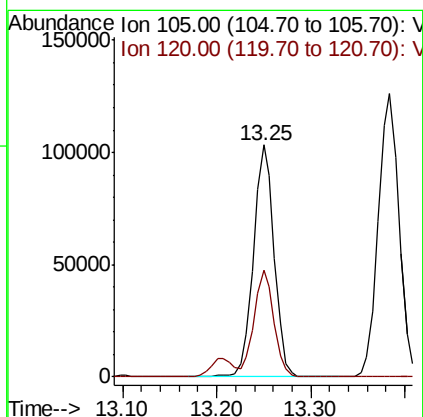
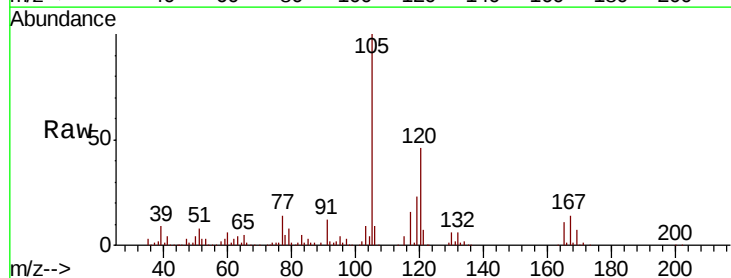
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

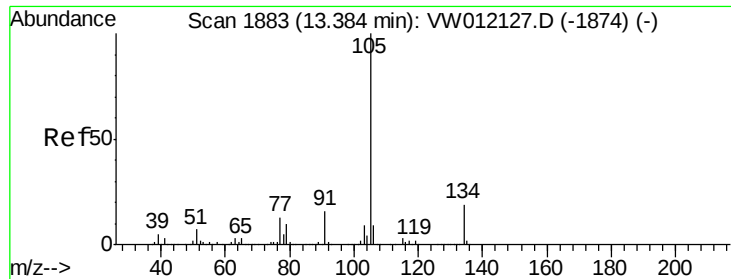
Tgt Ion:119 Resp: 139097
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.8 104.3
 134 24.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.016 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion:105 Resp: 160350
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.7

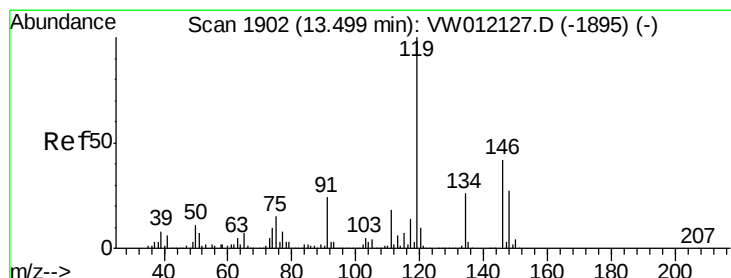
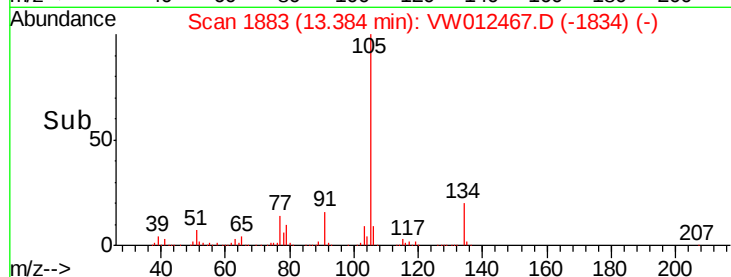
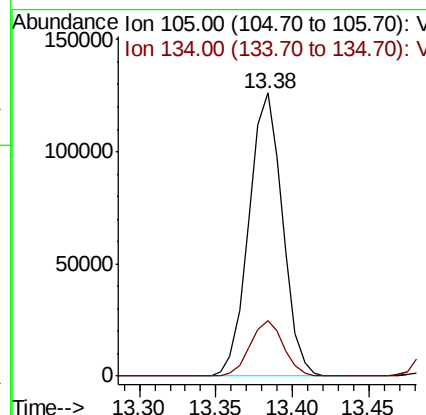
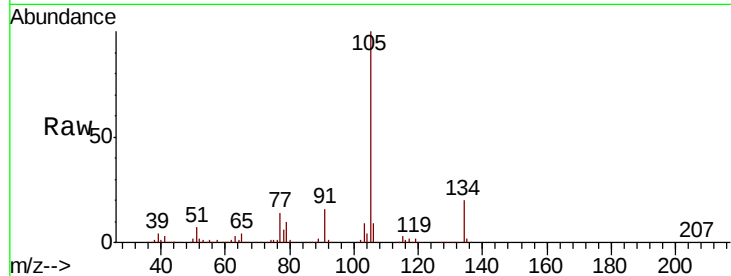




#85
 sec-Butylbenzene
 Concen: 20.956 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

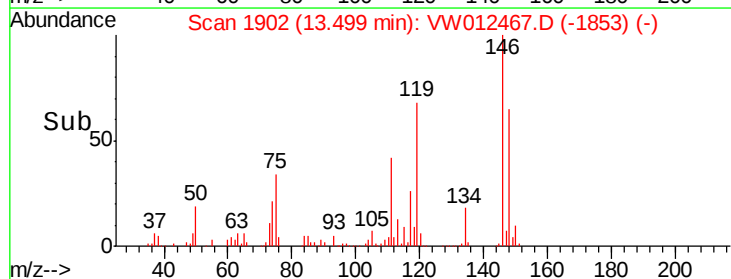
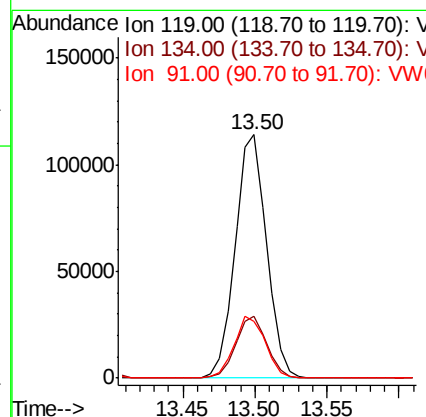
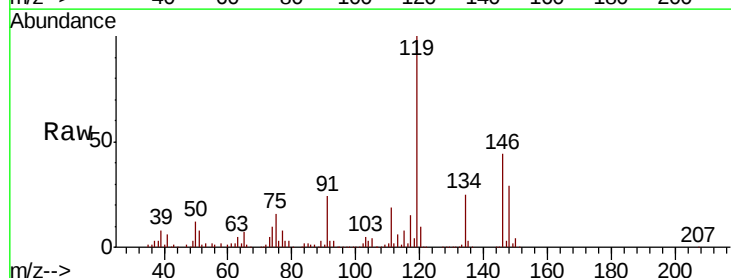
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

Tgt Ion:105 Resp: 193163
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.010 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion:119 Resp: 172958
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 25.4 12.3 36.9

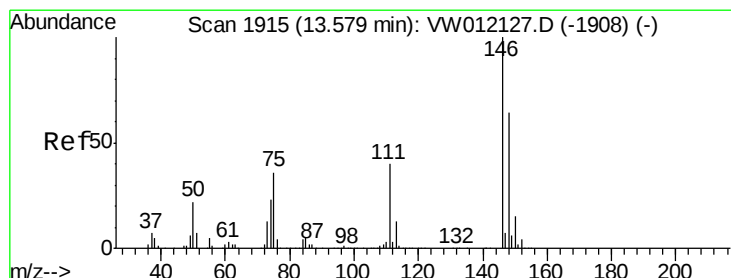
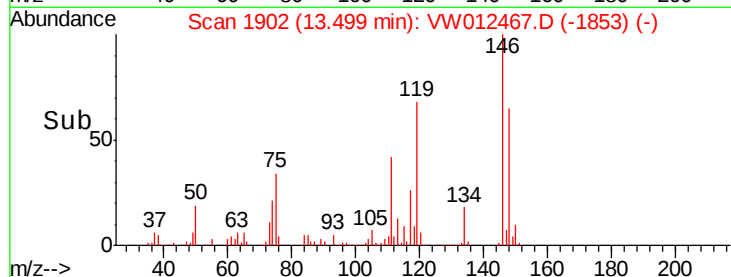
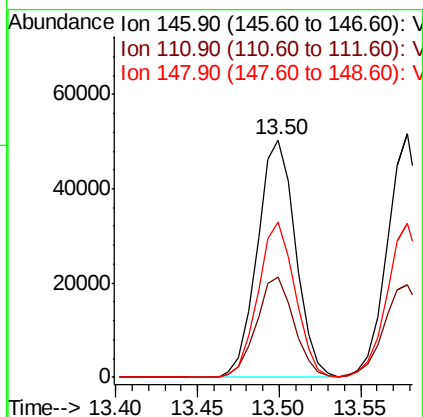
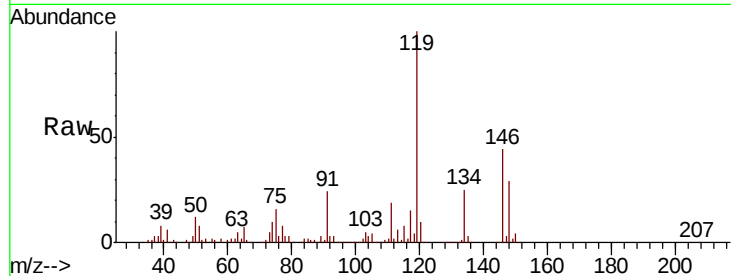




#87
 1,3-Dichlorobenzene
 Concen: 21.187 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

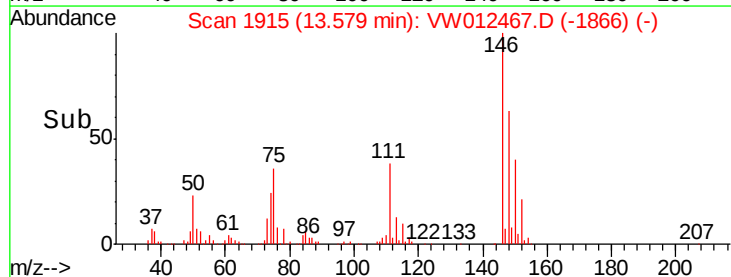
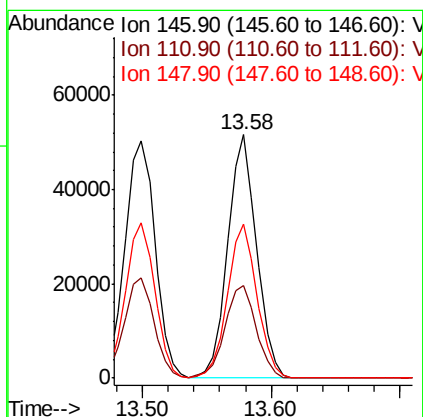
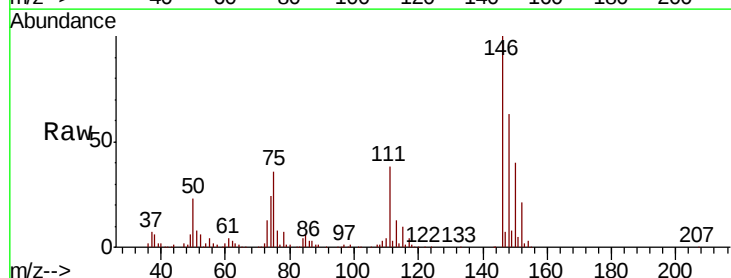
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD02

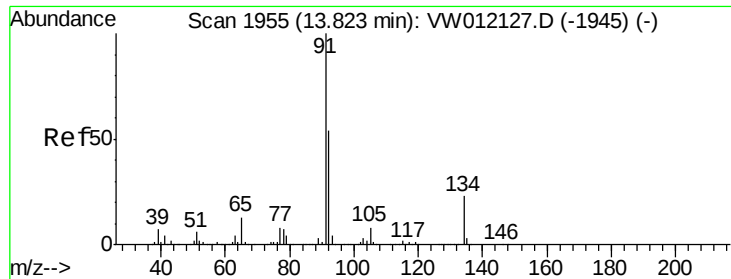
Tgt Ion:146 Resp: 81494
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.9 62.7
 148 63.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 21.160 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion:146 Resp: 80813
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.0 60.0
 148 64.7 32.1 96.3





#89

n-Butylbenzene

Concen: 20.470 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

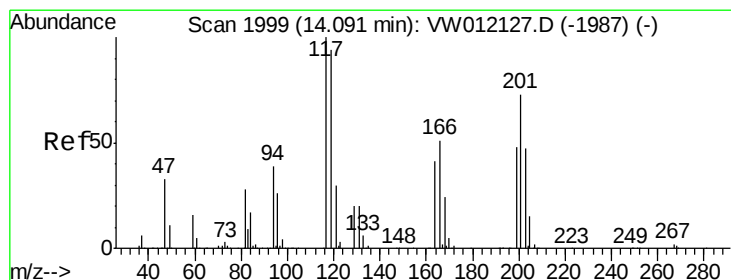
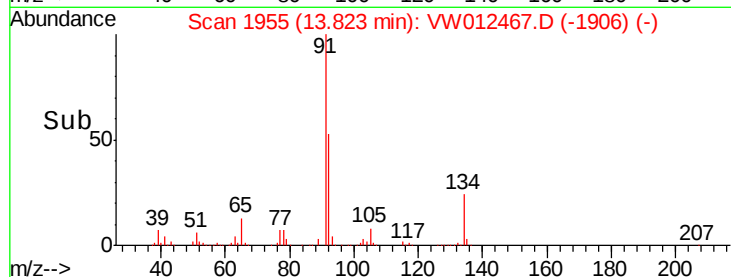
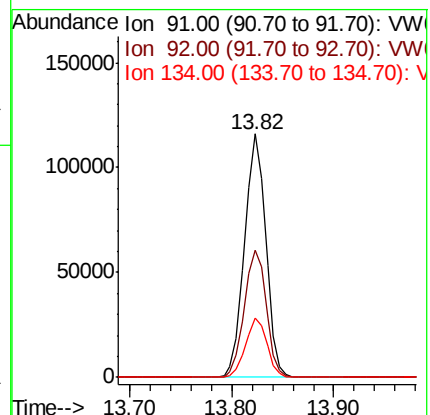
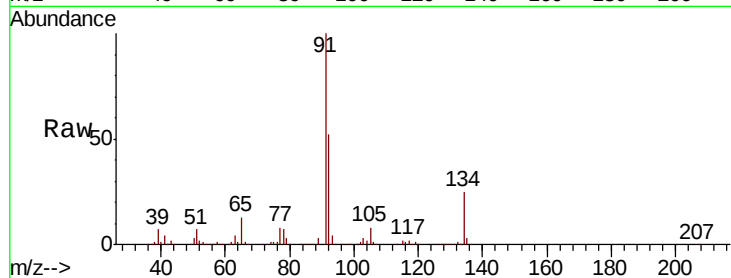
Tgt Ion: 91 Resp: 167576

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

134 24.5 12.2 36.4



#90

Hexachloroethane

Concen: 21.078 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012467.D

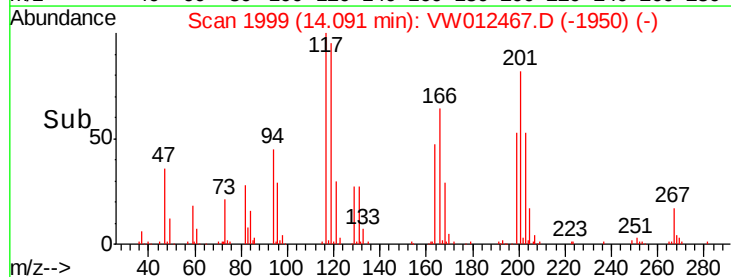
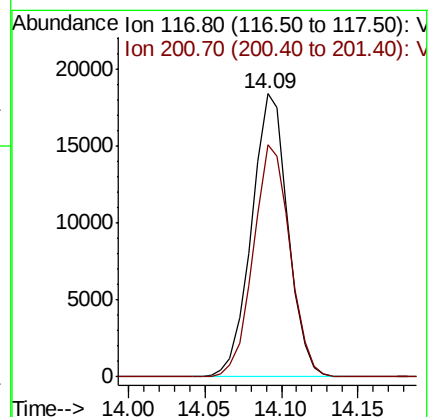
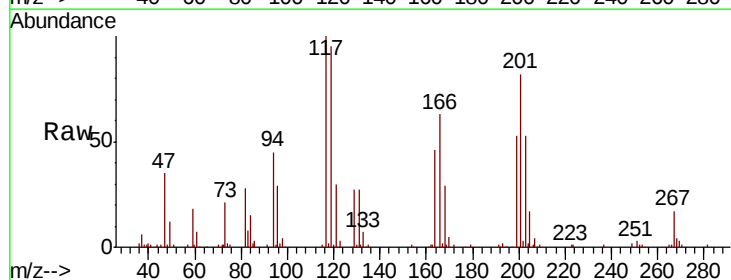
Acq: 02 Sep 2019 00:40

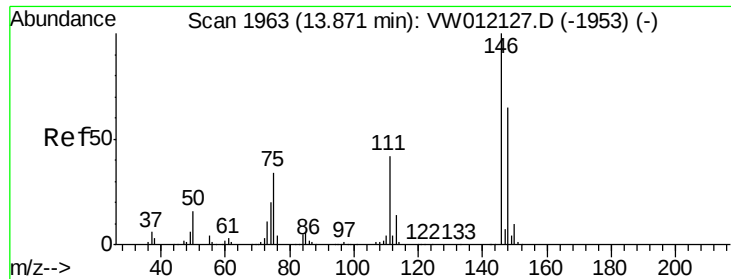
Tgt Ion: 117 Resp: 30443

Ion Ratio Lower Upper

117 100

201 82.7 38.6 115.7





#91

1,2-Dichlorobenzene

Concen: 22.005 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD02

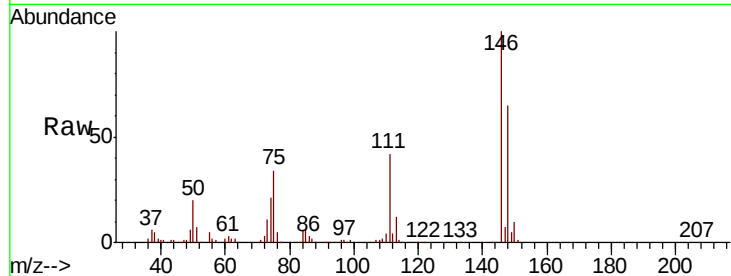
Tgt Ion:146 Resp: 74249

Ion Ratio Lower Upper

146 100

111 43.1 21.2 63.6

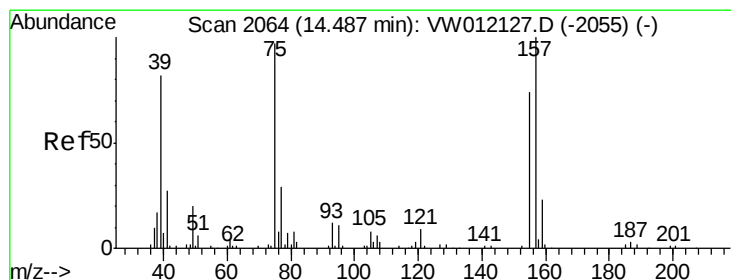
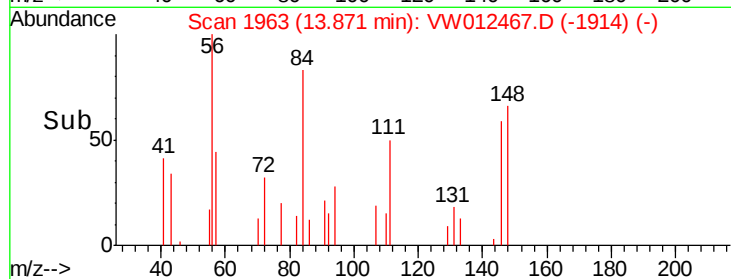
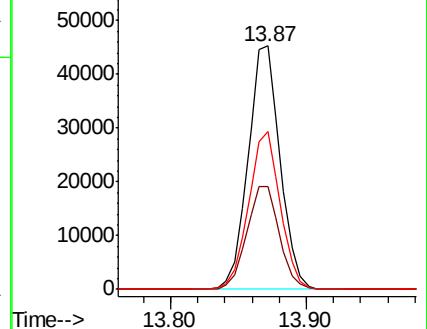
148 64.2 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.184 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW012467.D

Acq: 02 Sep 2019 00:40

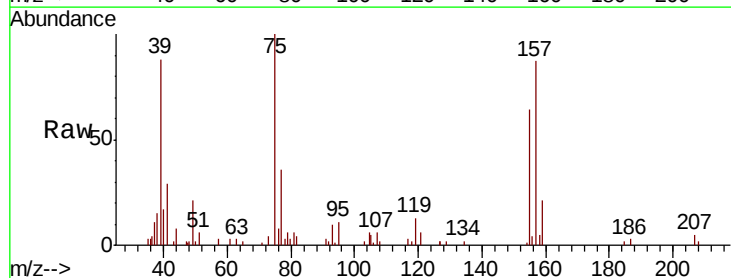
Tgt Ion: 75 Resp: 6794

Ion Ratio Lower Upper

75 100

155 70.5 37.5 112.3

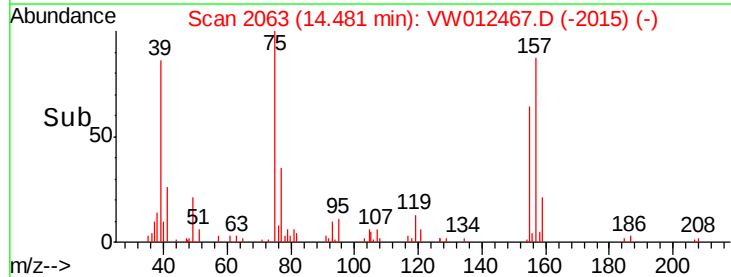
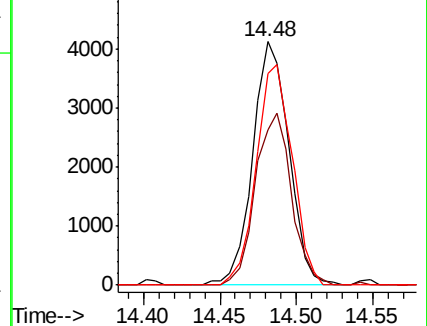
157 89.8 50.5 151.5

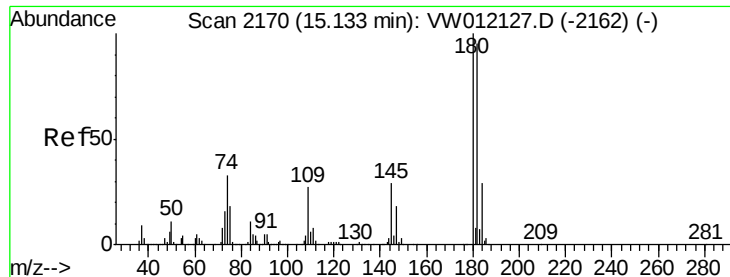


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

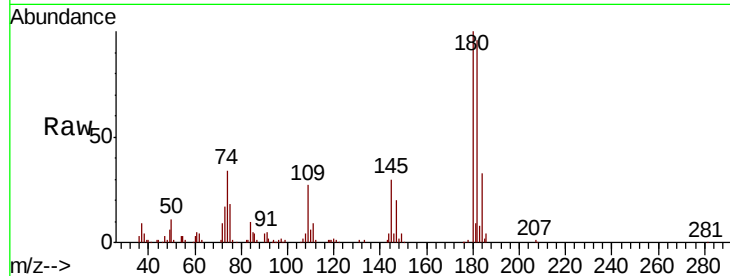




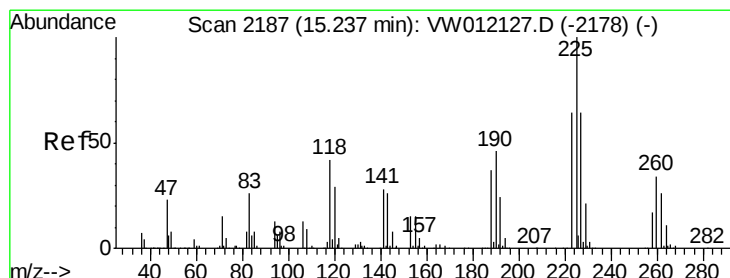
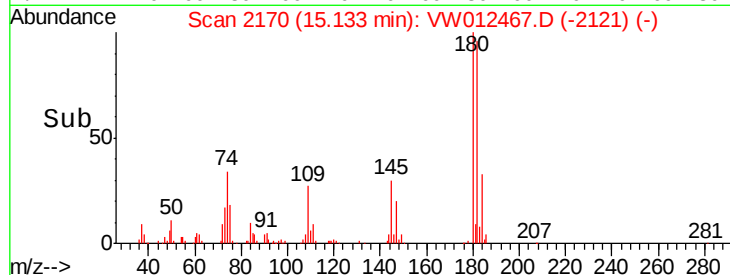
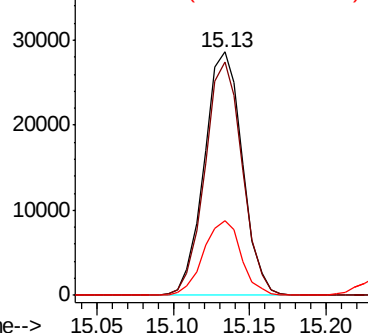
#93
 1,2,4-Trichlorobenzene
 Concen: 21.230 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tgt Ion:180 Resp: 49504
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.8 143.4
 145 30.3 15.0 45.1

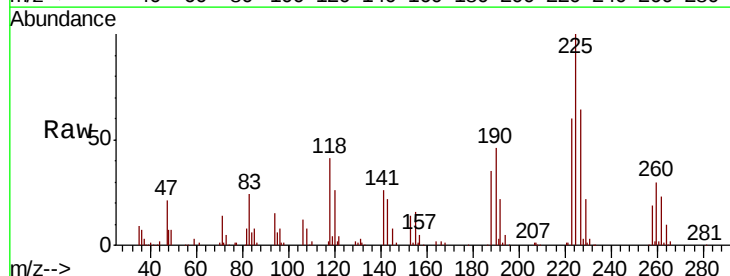


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

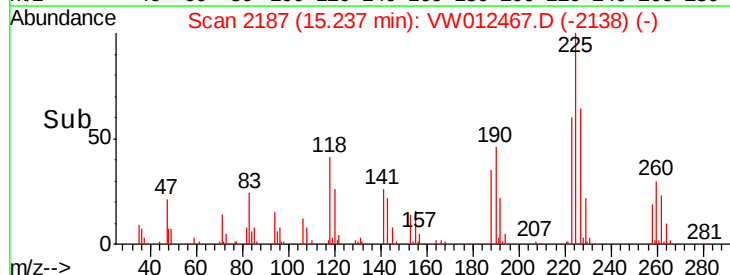
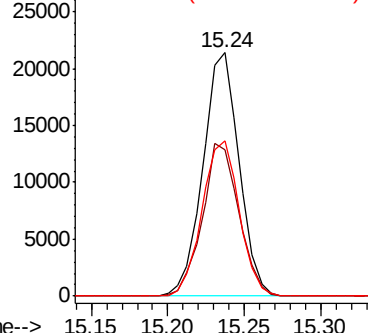


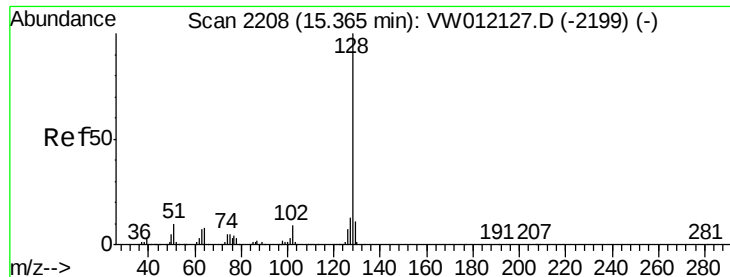
#94
 Hexachlorobutadiene
 Concen: 22.800 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012467.D
 Acq: 02 Sep 2019 00:40

Tgt Ion:225 Resp: 35105
 Ion Ratio Lower Upper
 225 100
 223 63.2 32.3 96.8
 227 65.6 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

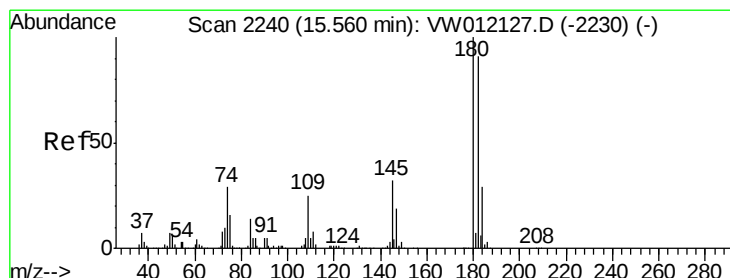
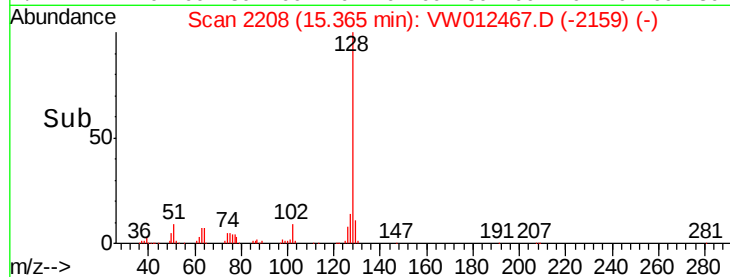
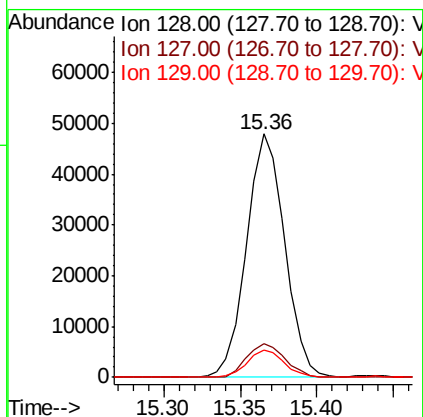
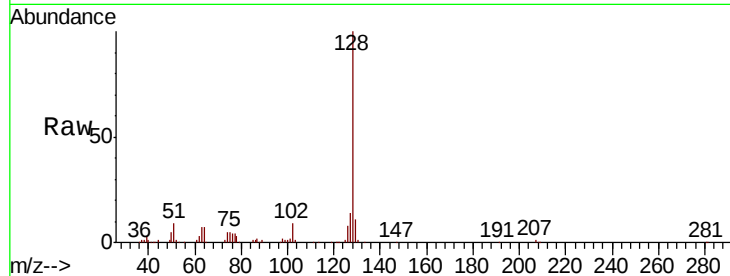




#95
Naphthalene
Concen: 20.907 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD02

Tgt Ion:128 Resp: 83069
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.352 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012467.D
Acq: 02 Sep 2019 00:40

Tgt Ion:180 Resp: 43440
Ion Ratio Lower Upper
180 100
182 95.8 47.1 141.3
145 32.8 16.2 48.5

