

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012490.D
 Acq On : 02 Sep 2019 11:24
 Operator : SY/VA
 Sample : VW0902SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Quant Time: Sep 03 07:36:12 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	198114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127658	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130025	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	7.88	113	101004	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
50) Toluene-d8	10.32	98	403929	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.62	95	144116	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	20703	16.972	ug/l 99
3) Chloromethane	2.21	50	34676	18.348	ug/l 100
4) Vinyl Chloride	2.36	62	39037	16.876	ug/l 97
5) Bromomethane	2.75	94	18123	15.470	ug/l 96
6) Chloroethane	2.90	64	21963	16.831	ug/l 91
7) Trichlorofluoromethane	3.25	101	23708	20.411	ug/l 100
8) Diethyl Ether	3.68	74	21012	19.058	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38454	19.477	ug/l 100
10) Methyl Iodide	4.26	142	48107	18.009	ug/l 97
11) Tert butyl alcohol	5.18	59	15309	108.017	ug/l 100
12) 1,1-Dichloroethene	4.03	96	36776	18.507	ug/l 95
13) Acrolein	3.89	56	10221	76.612	ug/l 96
14) Allyl chloride	4.66	41	83077	19.555	ug/l 100
15) Acrylonitrile	5.36	53	55857	102.215	ug/l 99
16) Acetone	4.12	43	61163	101.598	ug/l 99
17) Carbon Disulfide	4.37	76	90175	15.015	ug/l 97
18) Methyl Acetate	4.66	43	34462	23.112	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	69668	21.679	ug/l 100
20) Methylene Chloride	4.90	84	42522	18.684	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	40561	19.034	ug/l 98
22) Diisopropyl ether	6.31	45	160653	20.401	ug/l 96
23) Vinyl Acetate	6.25	43	472478	97.495	ug/l 100
24) 1,1-Dichloroethane	6.21	63	84394	19.683	ug/l 100
25) 2-Butanone	7.17	43	82600	100.970	ug/l 99
26) 2,2-Dichloropropane	7.17	77	52514	21.639	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	44550	19.568	ug/l 95
28) Bromochloromethane	7.51	49	38759	20.741	ug/l 98
29) Tetrahydrofuran	7.53	42	50410	102.709	ug/l 99
30) Chloroform	7.67	83	82039	20.914	ug/l 96
31) Cyclohexane	7.95	56	77136	18.184	ug/l # 94
32) 1,1,1-Trichloroethane	7.87	97	65143	20.992	ug/l 99
36) 1,1-Dichloropropene	8.07	75	66304	20.691	ug/l 98
37) Ethyl Acetate	7.24	43	36318	20.682	ug/l 100
38) Carbon Tetrachloride	8.06	117	59079	21.300	ug/l 98

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Quant Time: Sep 03 07:36:12 2019
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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)
39) Methylcyclohexane	9.33	83	69083	19.189	ug/l	97
40) Benzene	8.32	78	174320	19.922	ug/l	99
41) Methacrylonitrile	7.48	41	22278	21.585	ug/l	98
42) 1,2-Dichloroethane	8.40	62	59576	21.724	ug/l	100
43) Isopropyl Acetate	8.42	43	66285	20.378	ug/l	99
44) Trichloroethene	9.09	130	43855	20.617	ug/l	94
45) 1,2-Dichloropropane	9.37	63	48045	20.402	ug/l	98
46) Dibromomethane	9.46	93	21823	20.828	ug/l	98
47) Bromodichloromethane	9.64	83	59059	21.179	ug/l	96
48) Methyl methacrylate	9.43	41	31980	20.657	ug/l	98
49) 1,4-Dioxane	9.45	88	6341	395.313	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	172869	104.488	ug/l	100
52) Toluene	10.38	92	107088	20.372	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	57705	20.315	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	67952	19.812	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31703	21.385	ug/l	98
56) Ethyl methacrylate	10.65	69	44609	20.675	ug/l	99
57) 1,3-Dichloropropane	10.93	76	58729	20.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	116971	105.632	ug/l	100
59) 2-Hexanone	10.97	43	123219	105.259	ug/l	98
60) Dibromochloromethane	11.13	129	33987	20.583	ug/l	97
61) 1,2-Dibromoethane	11.23	107	27905	20.205	ug/l	97
64) Tetrachloroethene	10.86	164	36461	21.284	ug/l	98
65) Chlorobenzene	11.66	112	109388	21.024	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	39163	21.576	ug/l	98
67) Ethyl Benzene	11.73	91	208563	20.809	ug/l	100
68) m/p-Xylenes	11.84	106	150872	41.790	ug/l	99
69) o-Xylene	12.16	106	69020	20.656	ug/l	99
70) Styrene	12.18	104	121334	20.979	ug/l	99
71) Bromoform	12.35	173	19632	21.709	ug/l #	98
73) Isopropylbenzene	12.46	105	199880	20.896	ug/l	98
74) N-amyl acetate	12.27	43	57967	20.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	36540	20.836	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	47509	38.212	ug/l #	100
77) Bromobenzene	12.74	156	43156	20.854	ug/l	98
78) n-propylbenzene	12.80	91	244524	20.940	ug/l	99
79) 2-Chlorotoluene	12.89	91	138067	20.825	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	167710	20.982	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11915	21.012	ug/l	99
82) 4-Chlorotoluene	12.99	91	147076	21.186	ug/l	100
83) tert-Butylbenzene	13.21	119	143114	21.137	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	167877	20.908	ug/l	99
85) sec-Butylbenzene	13.38	105	203505	20.979	ug/l	100
86) p-Isopropyltoluene	13.50	119	180598	20.847	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	84502	20.877	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	84042	20.911	ug/l	98
89) n-Butylbenzene	13.82	91	179296	20.813	ug/l	99
90) Hexachloroethane	14.09	117	31212	20.536	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	74098	20.867	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6005	20.312	ug/l	96

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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	49846	20.313	ug/l	98
94) Hexachlorobutadiene	15.24	225	33678	20.785	ug/l	99
95) Naphthalene	15.36	128	82560	19.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	41872	19.558	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

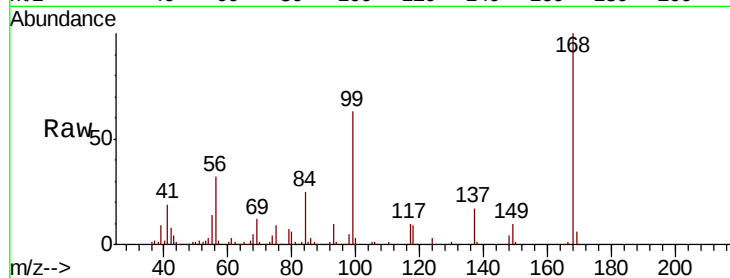
VW0902SBS01

Tgt Ion:168 Resp: 198114

Ion Ratio Lower Upper

168 100

99 62.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

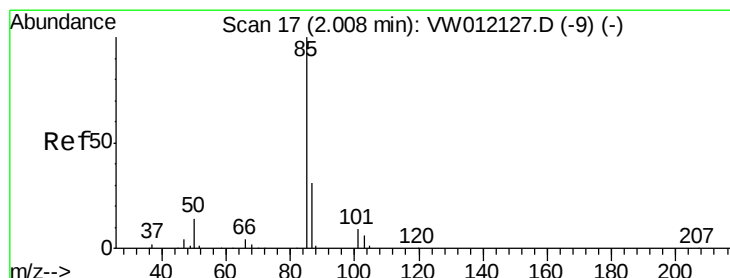
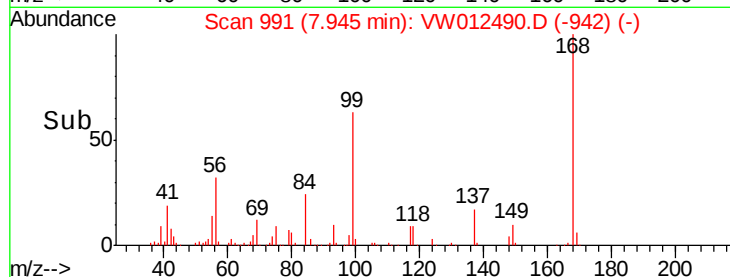
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 16.972 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012490.D

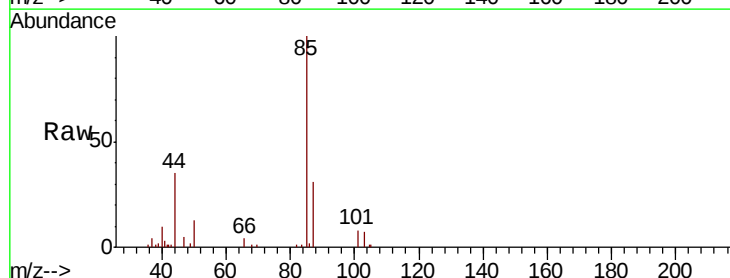
Acq: 02 Sep 2019 11:24

Tgt Ion: 85 Resp: 20703

Ion Ratio Lower Upper

85 100

87 30.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

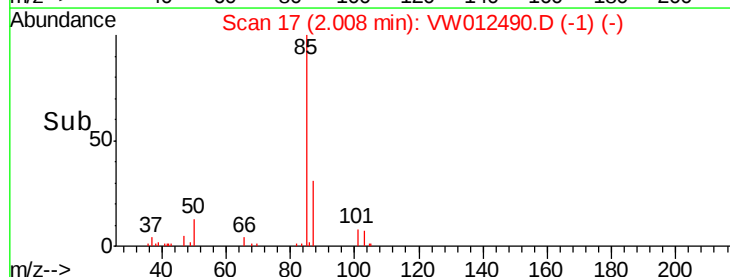
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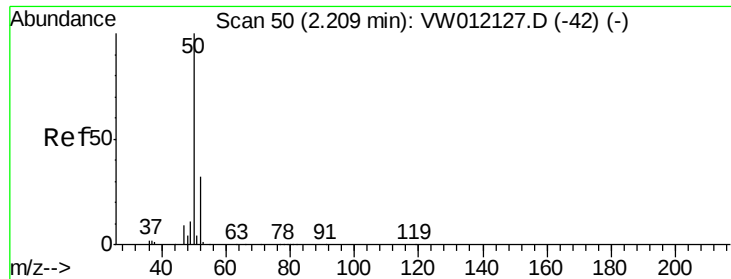
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0

1.90 2.00 2.10

Time-->

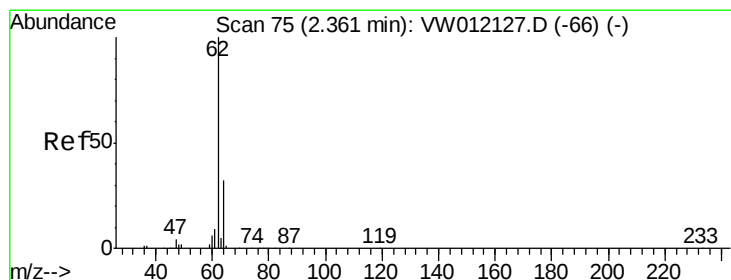
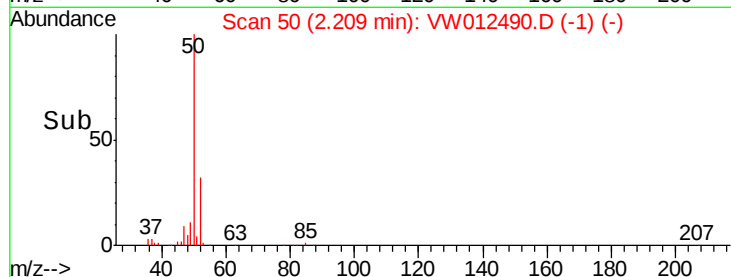
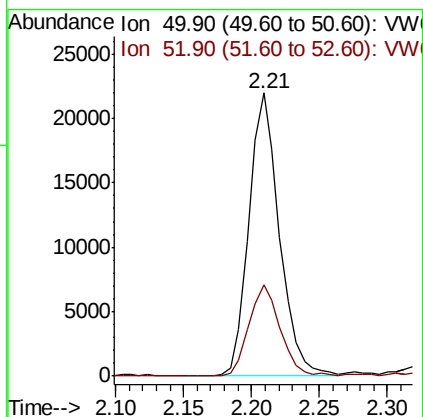
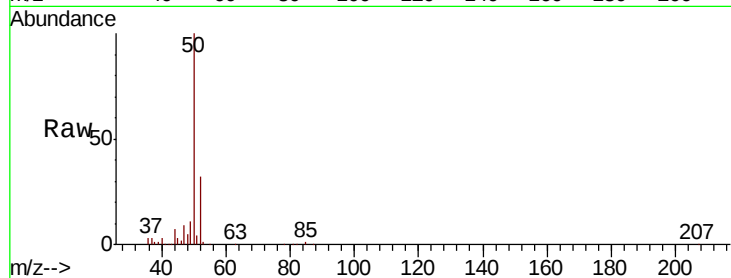




#3
Chloromethane
Concen: 18.348 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

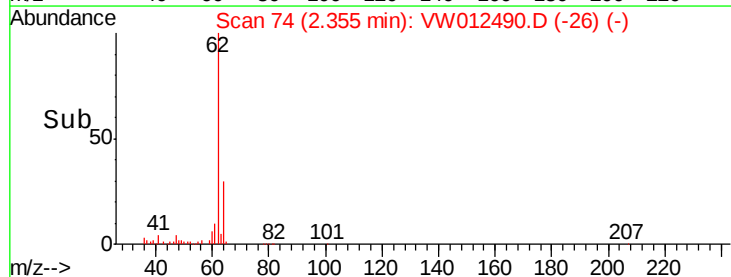
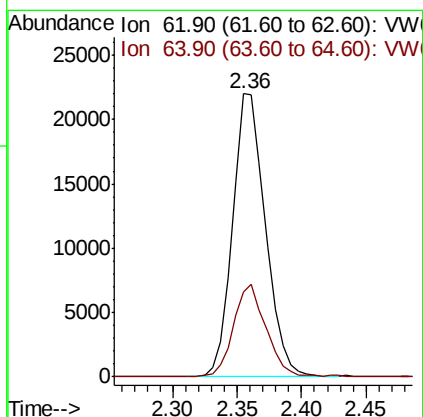
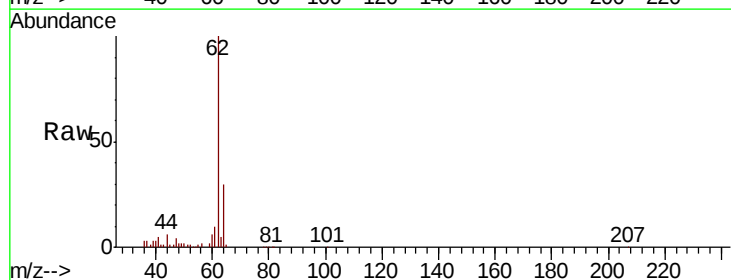
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

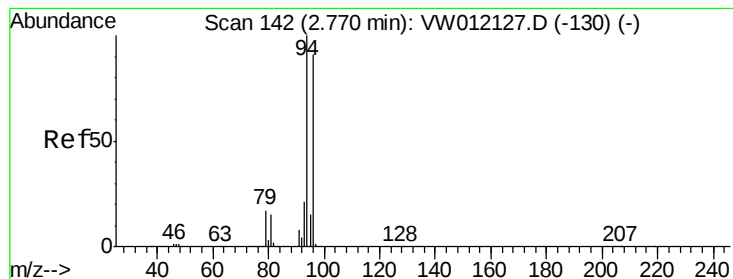
Tgt Ion: 50 Resp: 34676
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3



#4
Vinyl Chloride
Concen: 16.876 ug/l
RT: 2.36 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 62 Resp: 39037
Ion Ratio Lower Upper
62 100
64 30.0 25.3 37.9





#5

Bromomethane

Concen: 15.470 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

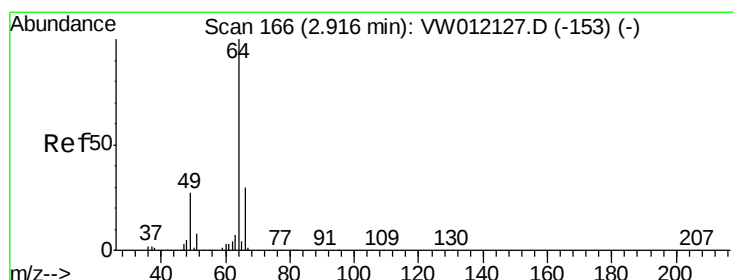
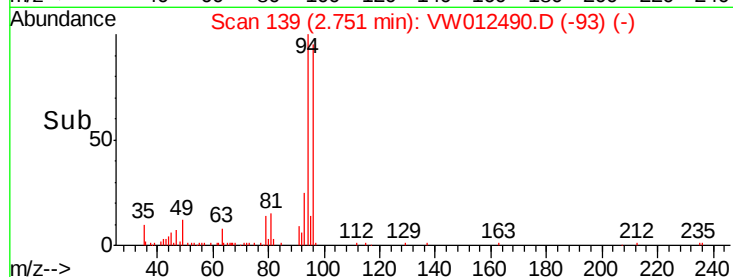
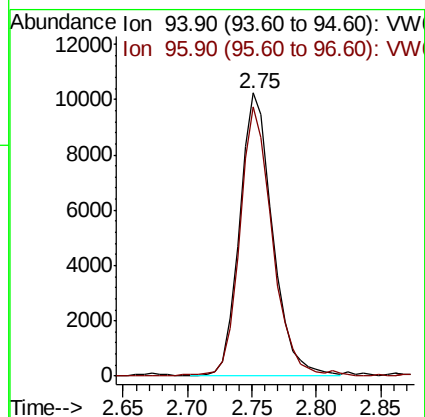
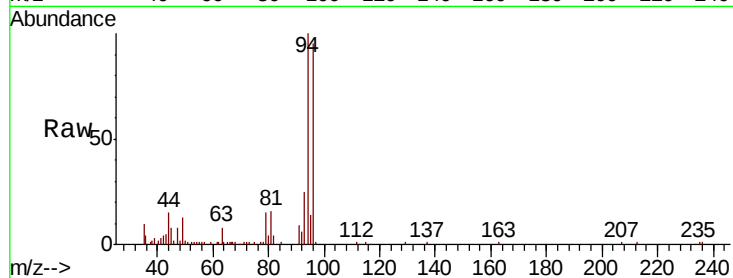
VW0902SBS01

Tgt Ion: 94 Resp: 18123

Ion Ratio Lower Upper

94 100

96 94.7 72.9 109.3



#6

Chloroethane

Concen: 16.831 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012490.D

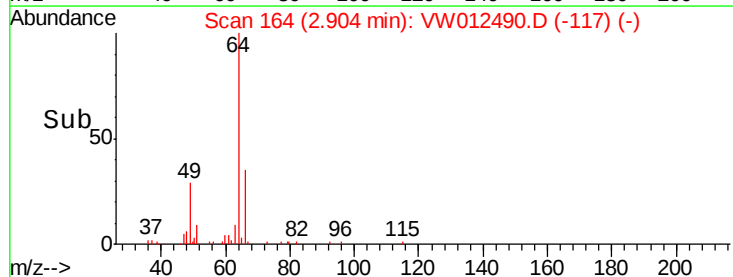
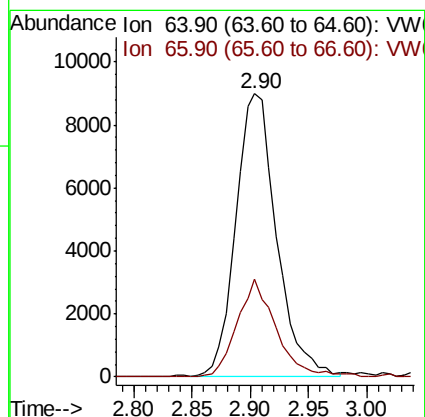
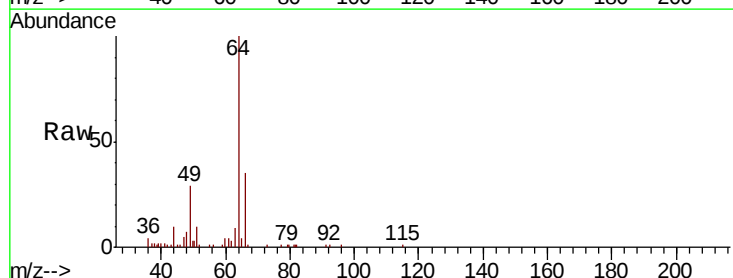
Acq: 02 Sep 2019 11:24

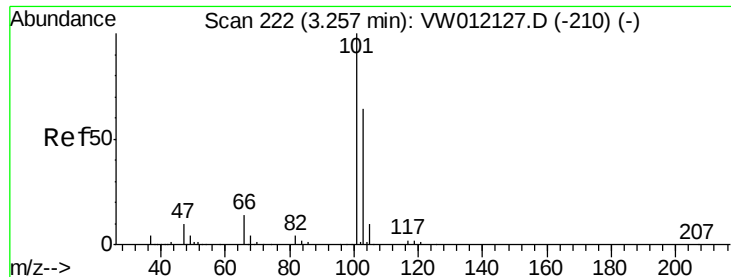
Tgt Ion: 64 Resp: 21963

Ion Ratio Lower Upper

64 100

66 34.5 23.8 35.8



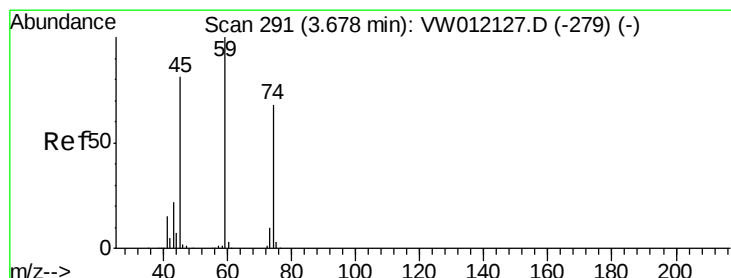
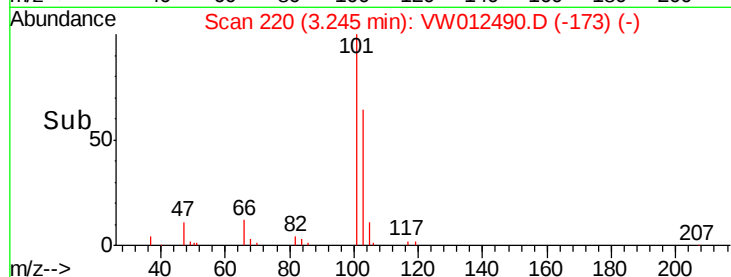
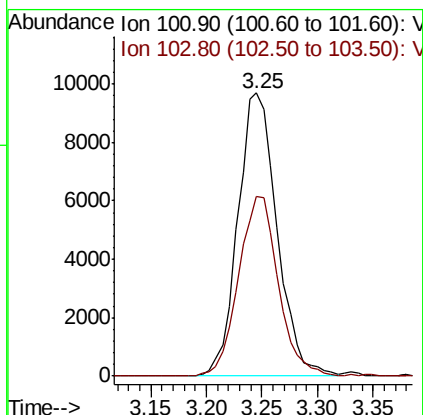
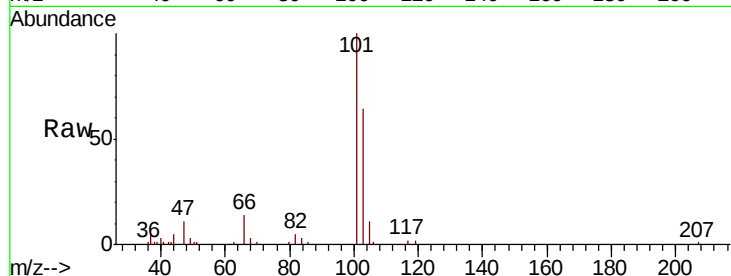


#7

Trichlorofluoromethane
 Concen: 20.411 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
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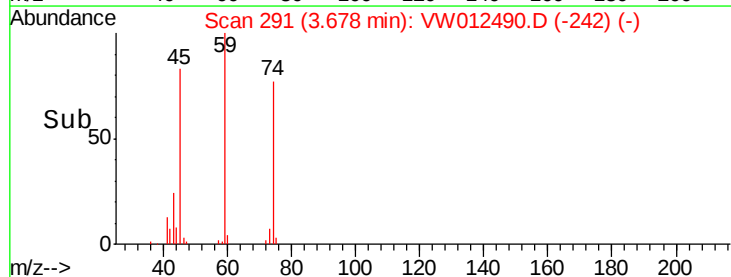
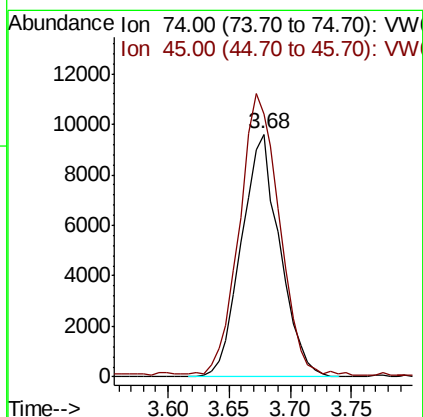
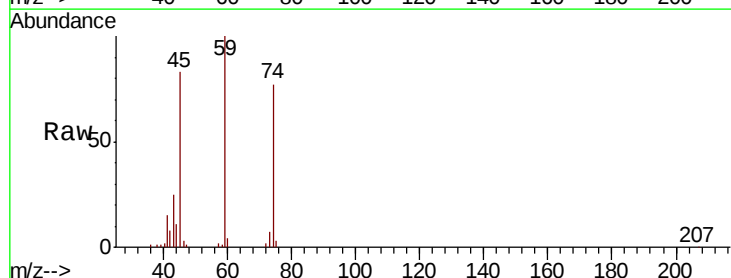
Tgt Ion:101 Resp: 23708
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.2 76.8

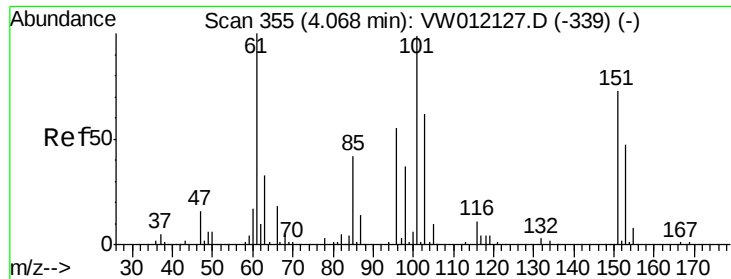


#8

Diethyl Ether
 Concen: 19.058 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 74 Resp: 21012
 Ion Ratio Lower Upper
 74 100
 45 120.8 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.477 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

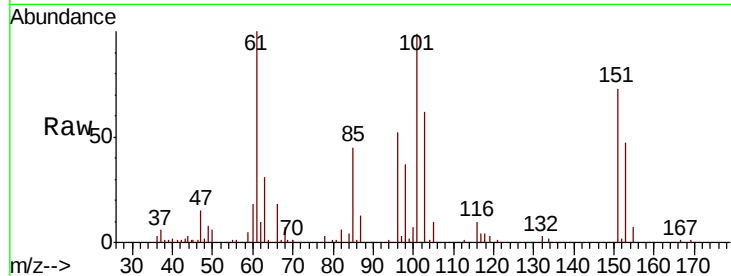
Tgt Ion:101 Resp: 38454

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.6

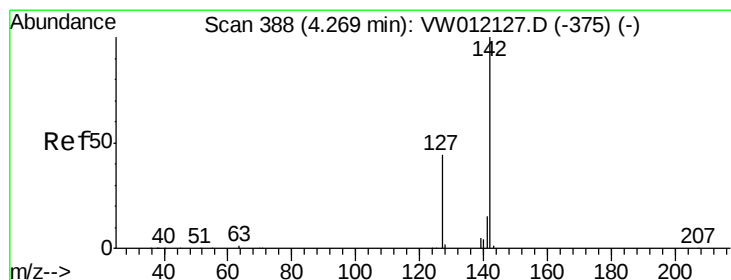
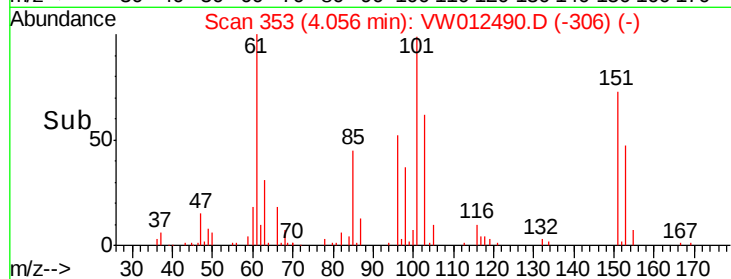
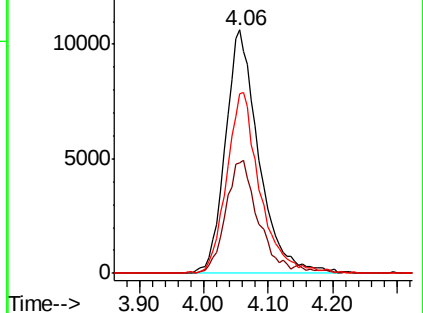
151 73.2 58.6 87.8



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: 18.009 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

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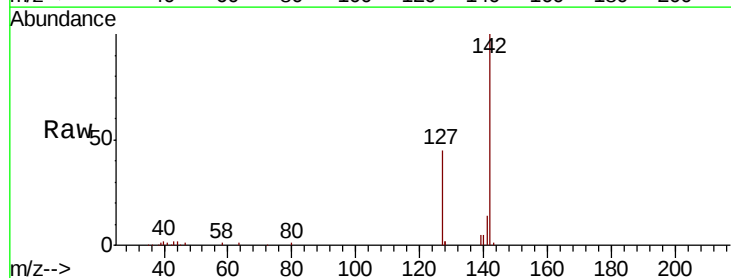
Tgt Ion:142 Resp: 48107

Ion Ratio Lower Upper

142 100

127 46.8 35.5 53.3

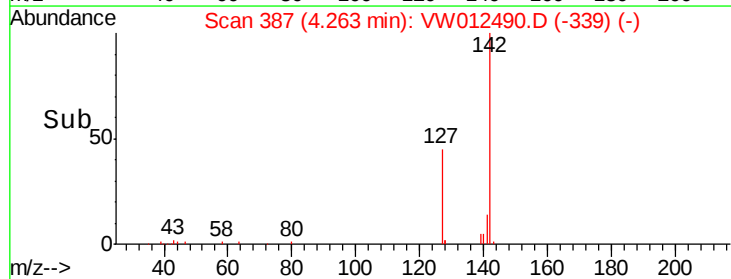
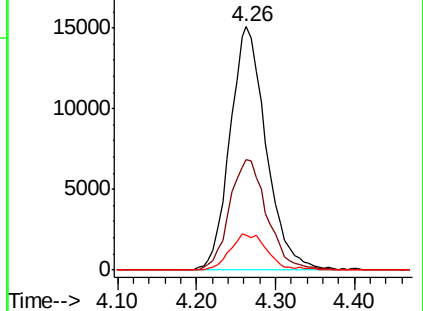
141 15.3 11.8 17.8

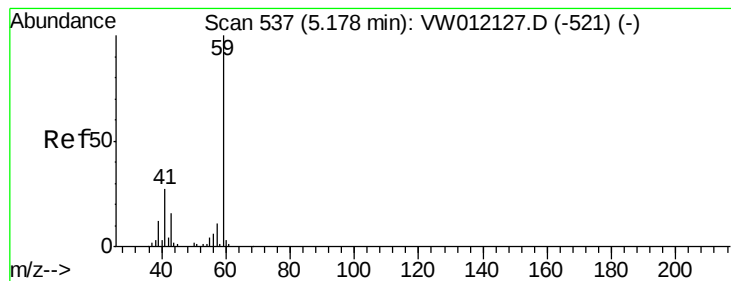


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



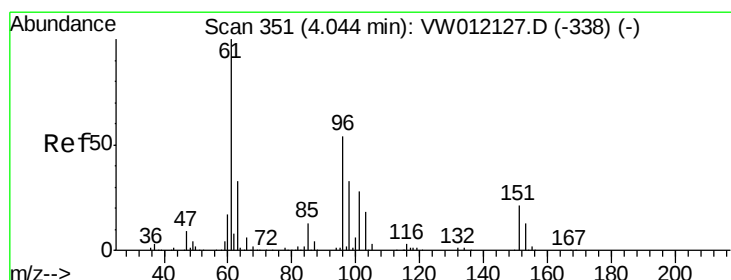
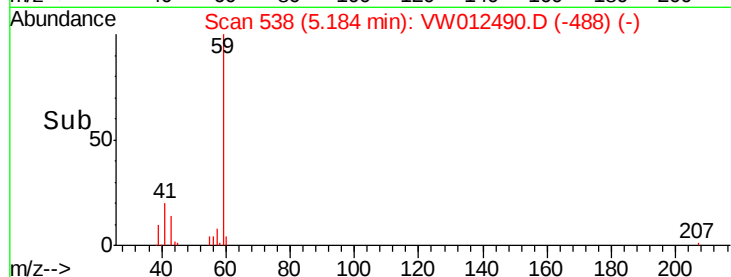
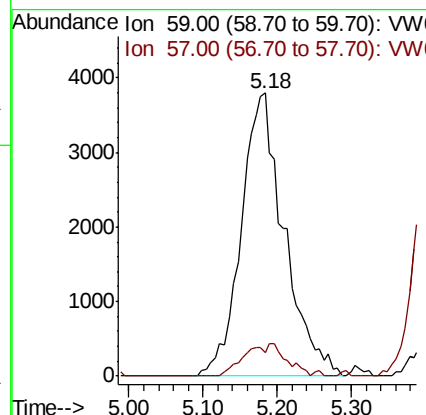
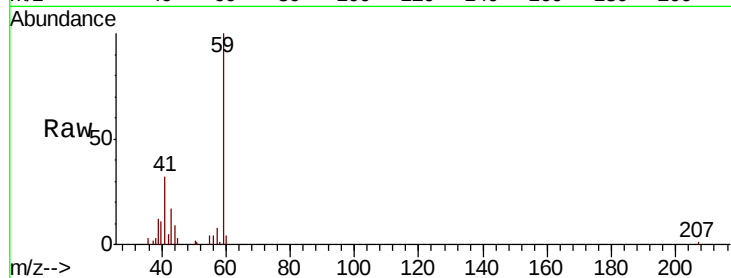


#11

Tert butyl alcohol
 Concen: 108.017 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

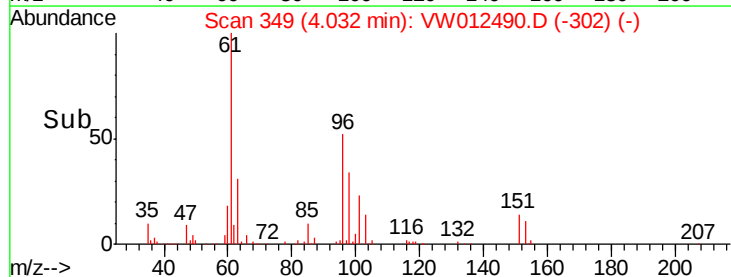
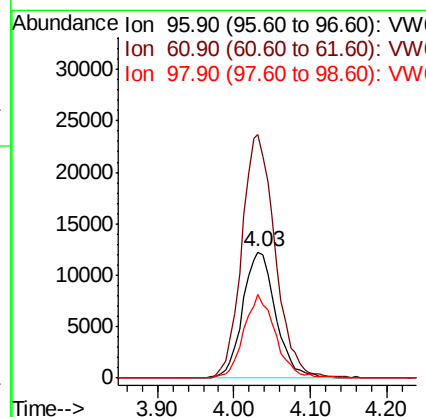
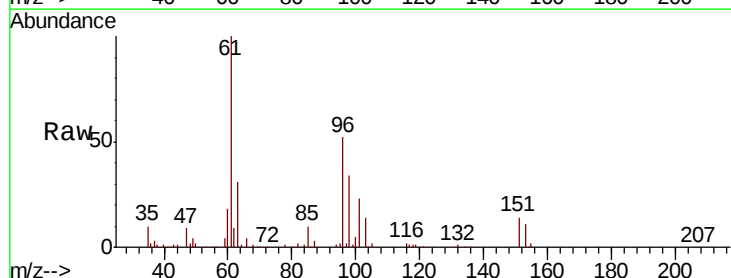
Tgt Ion: 59 Resp: 15309
 Ion Ratio Lower Upper
 59 100
 57 11.1 9.0 13.4

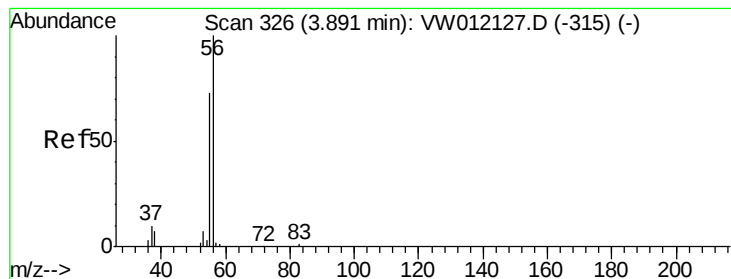


#12

1,1-Dichloroethene
 Concen: 18.507 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 96 Resp: 36776
 Ion Ratio Lower Upper
 96 100
 61 193.2 149.1 223.7
 98 66.5 49.4 74.2





#13

Acrolein

Concen: 76.612 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

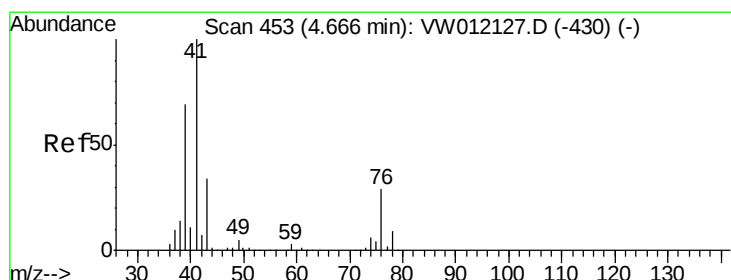
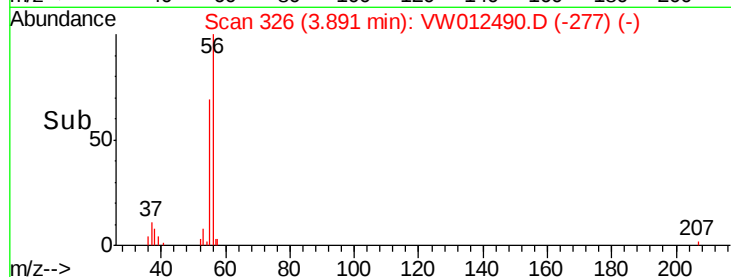
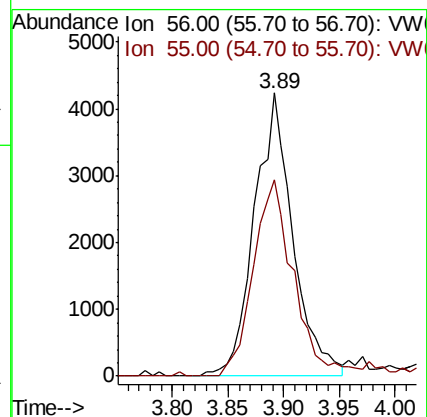
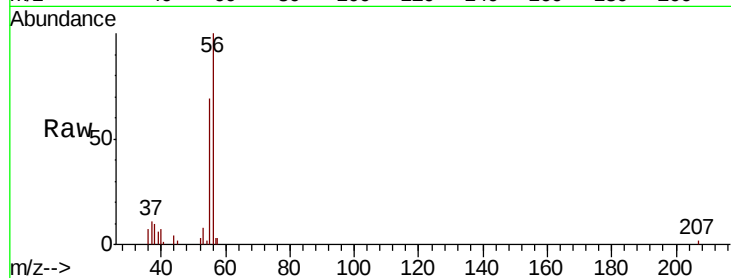
VW0902SBS01

Tgt Ion: 56 Resp: 10221

Ion Ratio Lower Upper

56 100

55 72.9 55.8 83.8



#14

Allyl chloride

Concen: 19.555 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

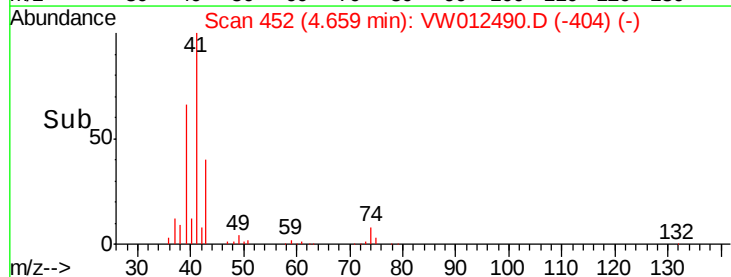
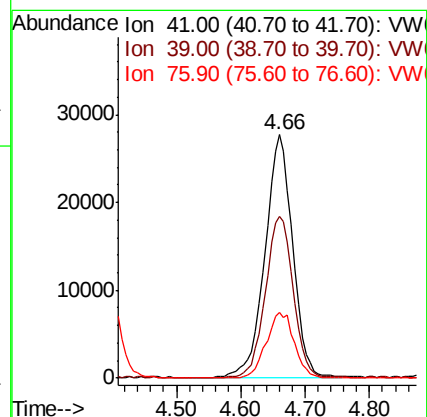
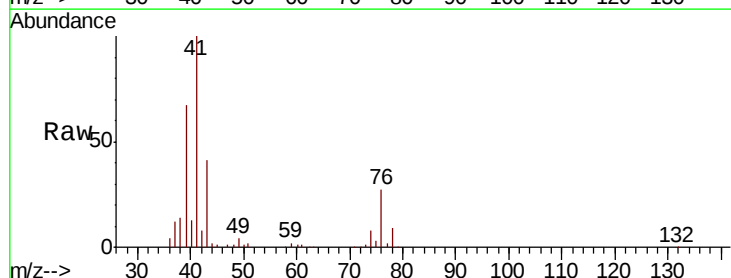
Tgt Ion: 41 Resp: 83077

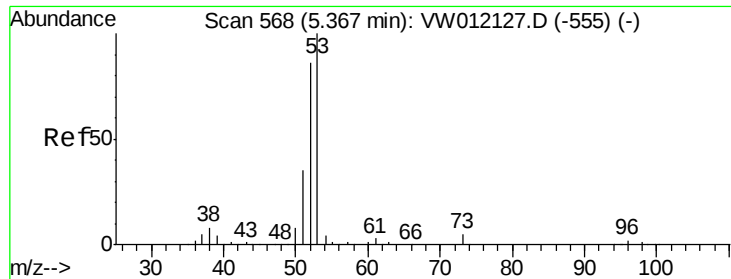
Ion Ratio Lower Upper

41 100

39 66.6 53.4 80.2

76 27.2 22.1 33.1





#15

Acrylonitrile

Concen: 102.215 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

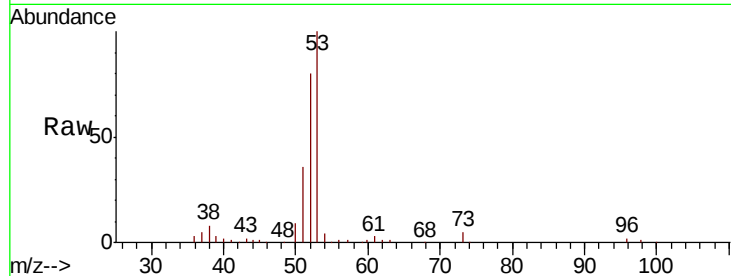
Tgt Ion: 53 Resp: 55857

Ion Ratio Lower Upper

53 100

52 83.7 66.7 100.1

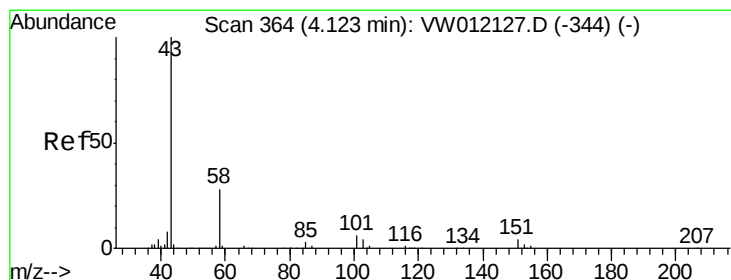
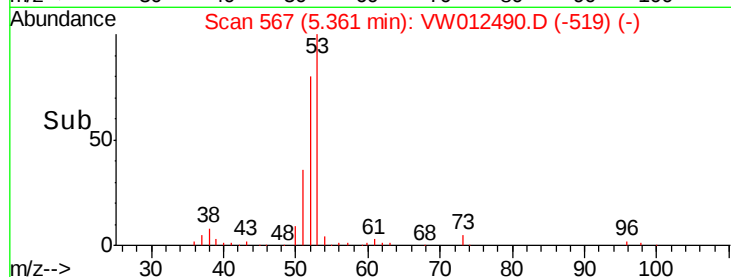
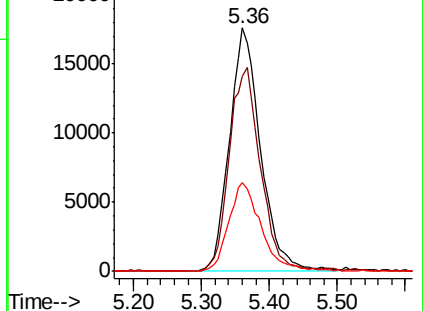
51 38.2 30.1 45.1



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: 101.598 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012490.D

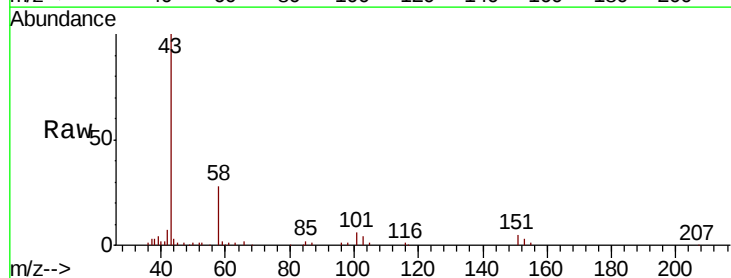
Acq: 02 Sep 2019 11:24

Tgt Ion: 43 Resp: 61163

Ion Ratio Lower Upper

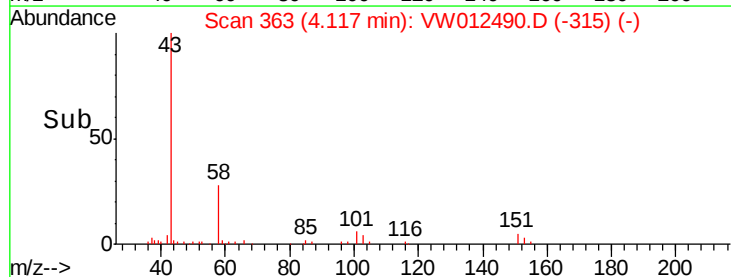
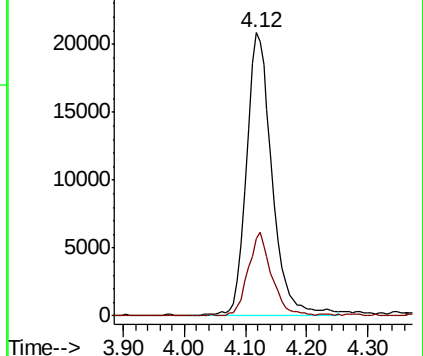
43 100

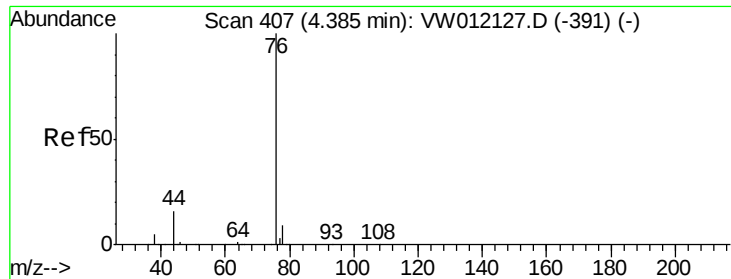
58 27.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

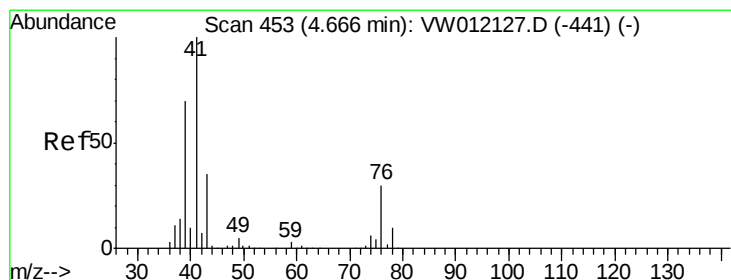
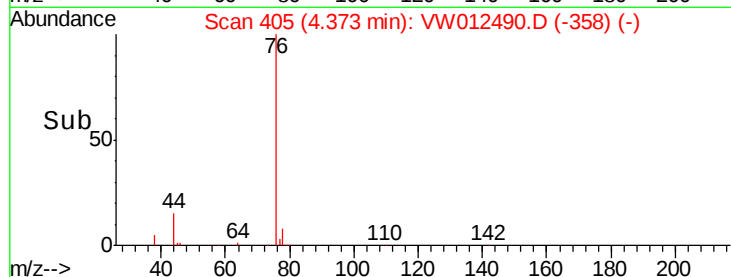
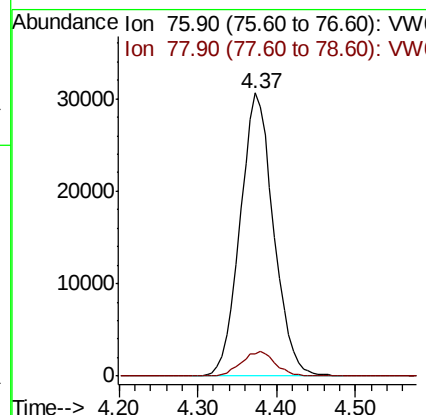
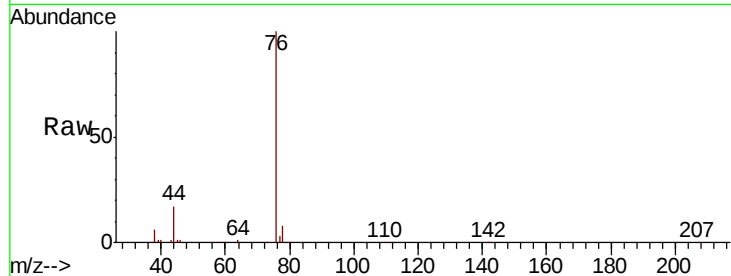




#17
Carbon Disulfide
Concen: 15.015 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

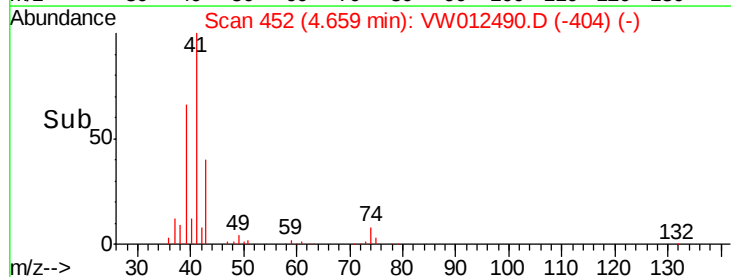
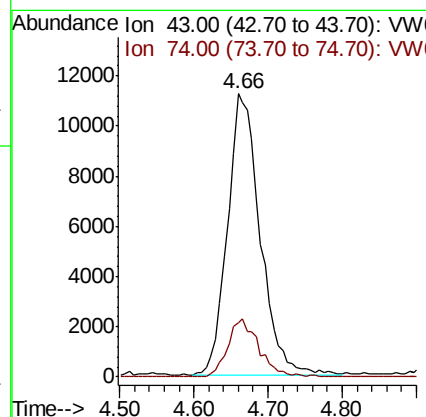
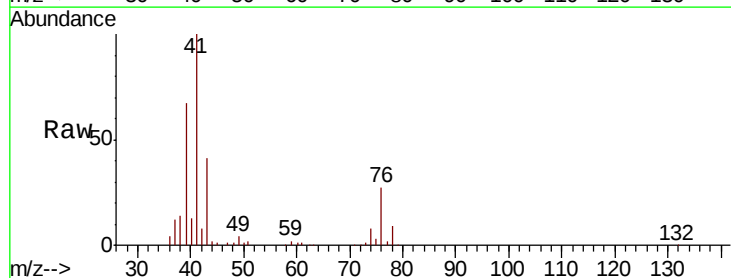
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

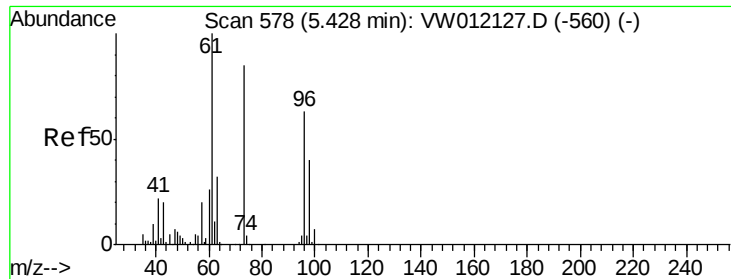
Tgt Ion: 76 Resp: 90175
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#18
Methyl Acetate
Concen: 23.112 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 43 Resp: 34462
Ion Ratio Lower Upper
43 100
74 19.5 15.7 23.5

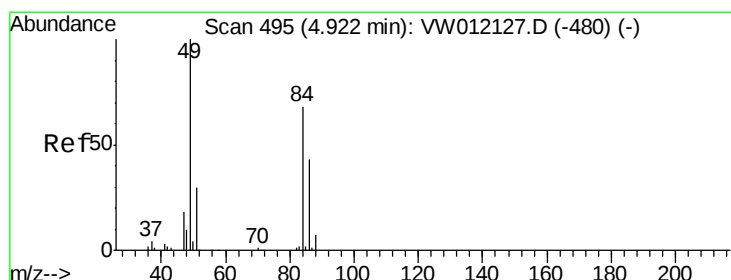
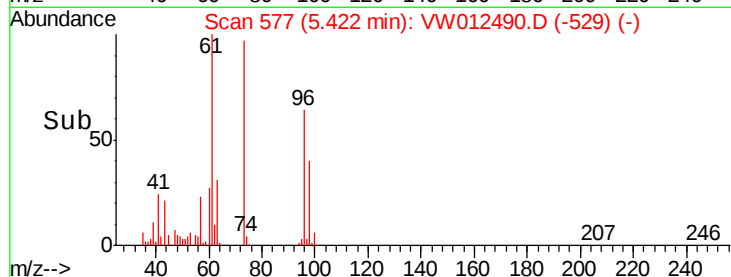
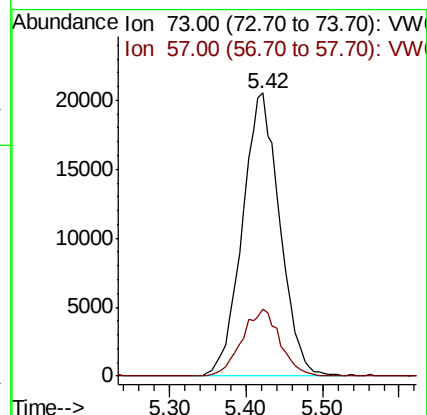
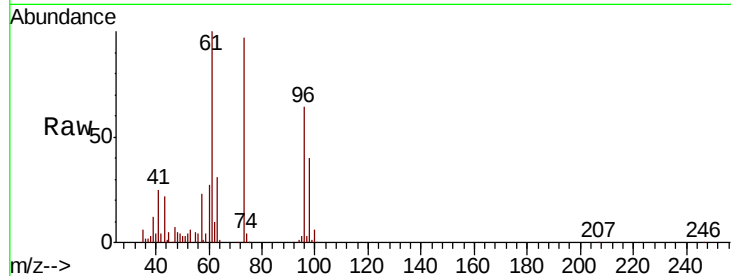




#19
Methyl tert-butyl Ether
Concen: 21.679 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

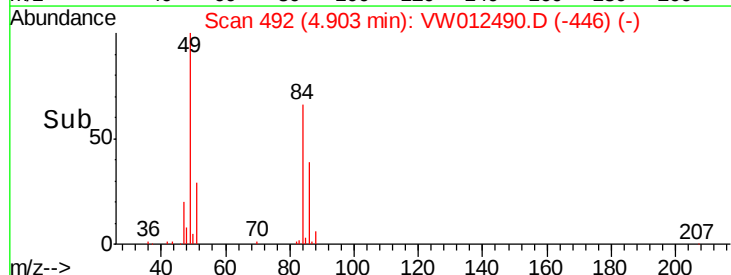
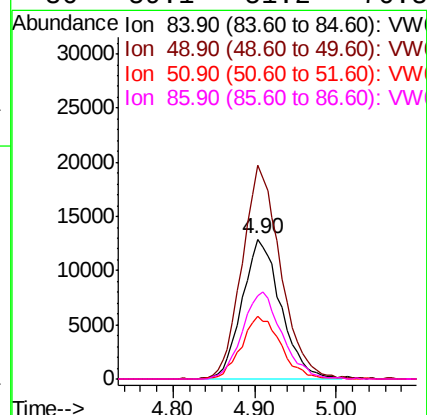
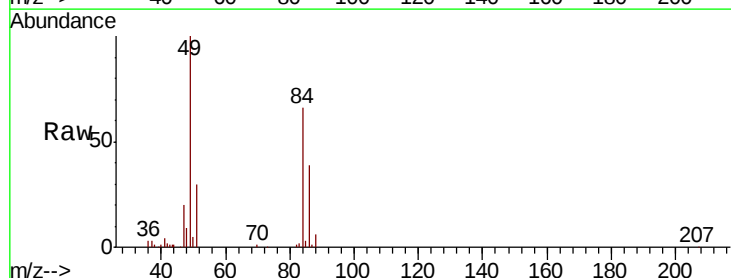
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

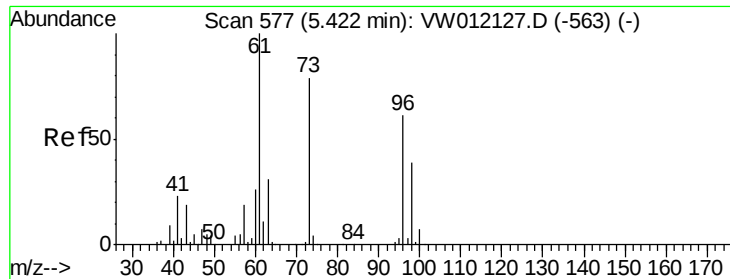
Tgt Ion: 73 Resp: 69668
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3



#20
Methylene Chloride
Concen: 18.684 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 84 Resp: 42522
Ion Ratio Lower Upper
84 100
49 152.6 117.8 176.8
51 45.1 35.6 53.4
86 59.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.034 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

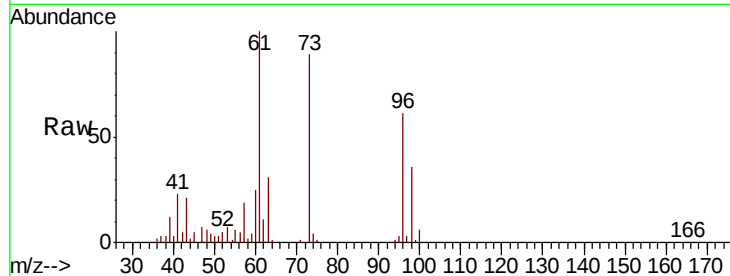
Tgt Ion: 96 Resp: 40561

Ion Ratio Lower Upper

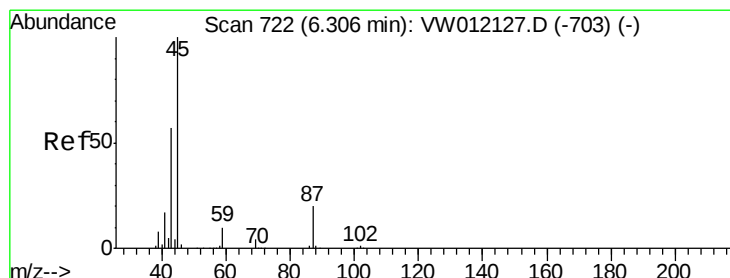
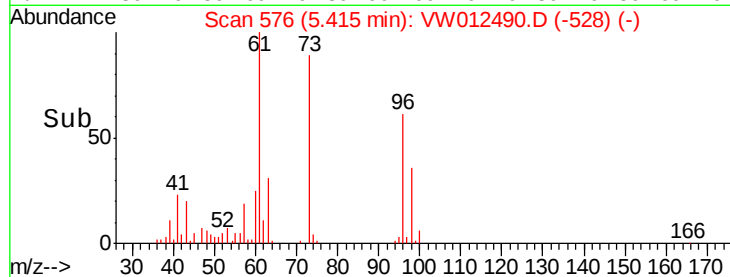
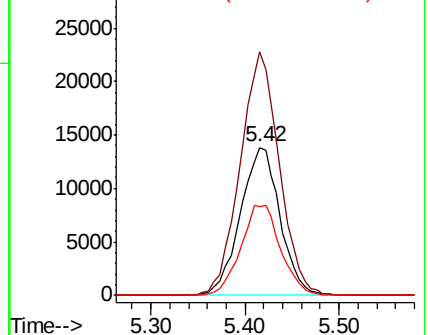
96 100

61 164.4 131.4 197.0

98 60.1 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: 20.401 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion: 45 Resp: 160653

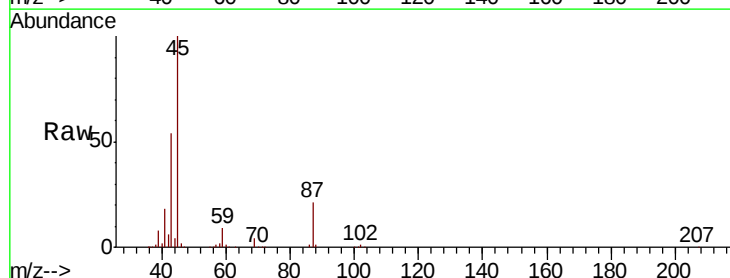
Ion Ratio Lower Upper

45 100

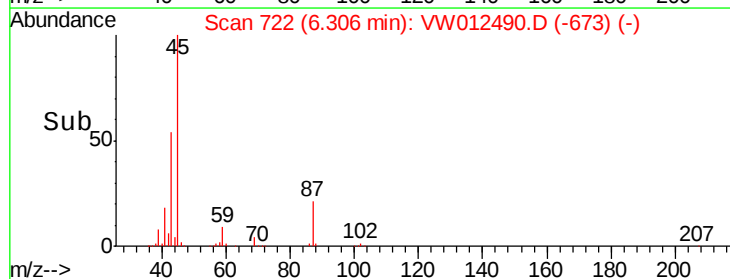
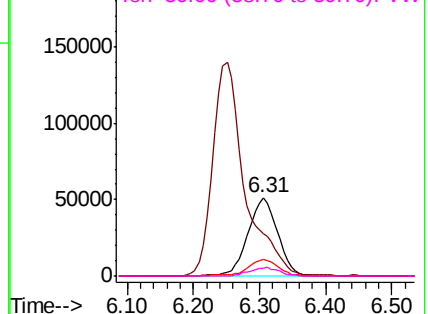
43 53.4 45.5 68.3

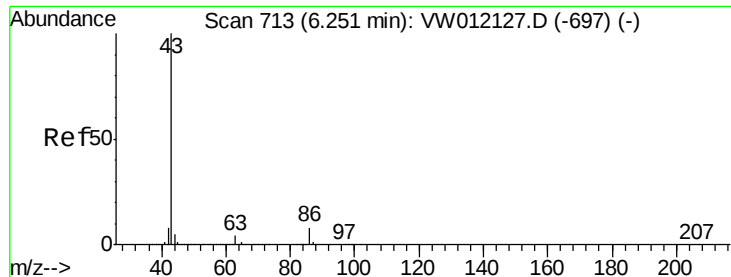
87 20.6 16.1 24.1

59 9.4 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: 97.495 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

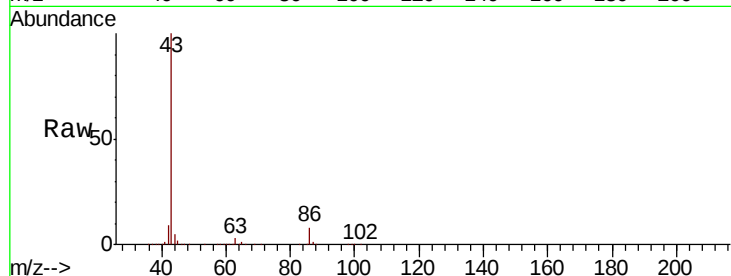
VW0902SBS01

Tgt Ion: 43 Resp: 472478

Ion Ratio Lower Upper

43 100

86 8.1 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

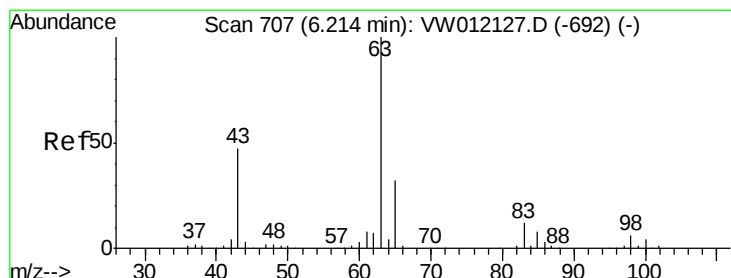
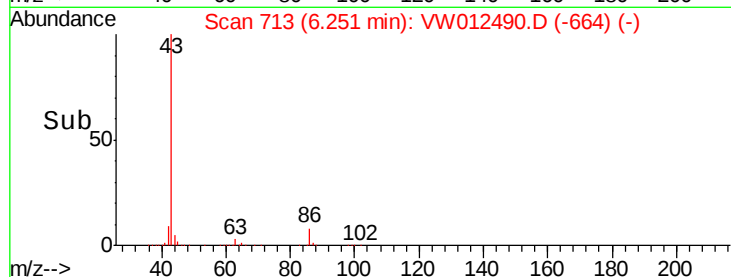
100000

50000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 19.683 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

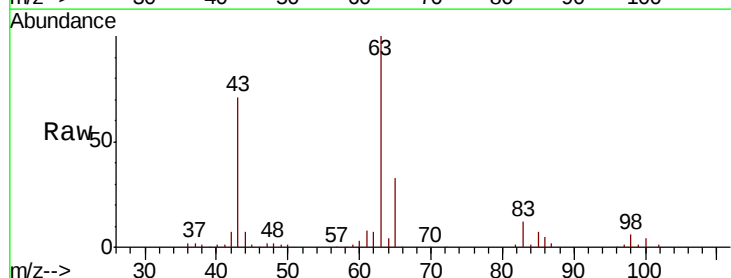
Tgt Ion: 63 Resp: 84394

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.0 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

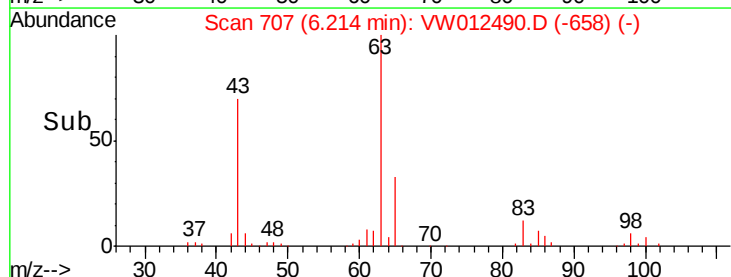
20000

10000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 100.970 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

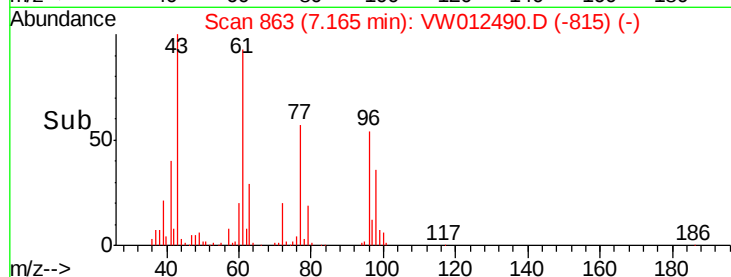
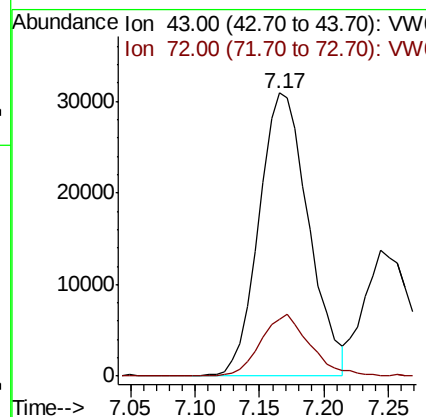
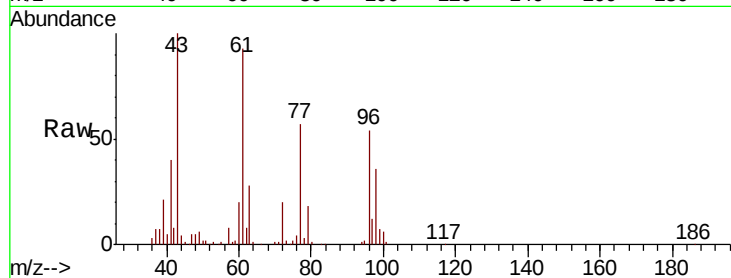
VW0902SBS01

Tgt Ion: 43 Resp: 82600

Ion Ratio Lower Upper

43 100

72 20.1 16.6 24.8



#26

2,2-Dichloropropane

Concen: 21.639 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012490.D

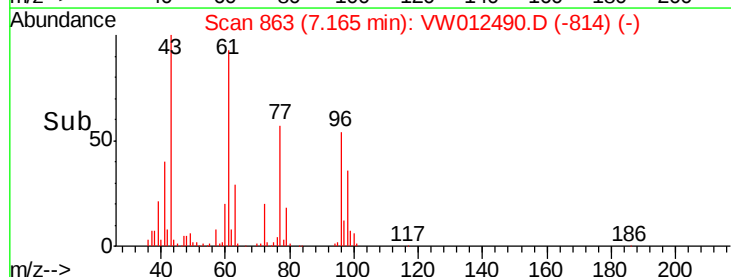
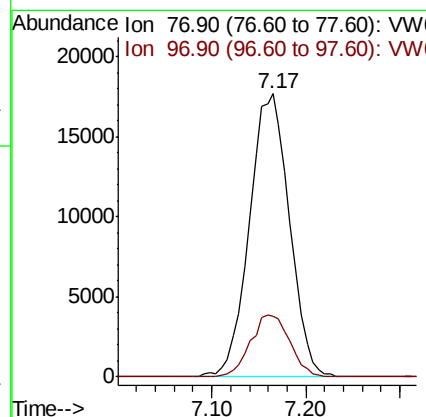
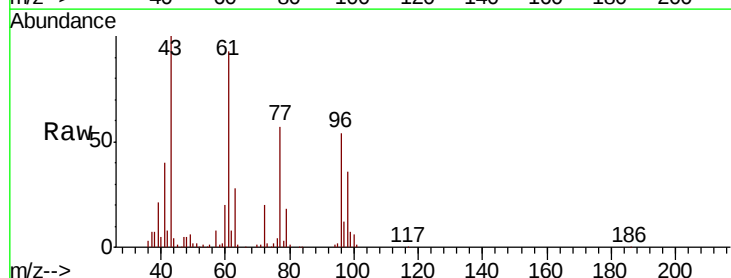
Acq: 02 Sep 2019 11:24

Tgt Ion: 77 Resp: 52514

Ion Ratio Lower Upper

77 100

97 21.5 11.1 33.1



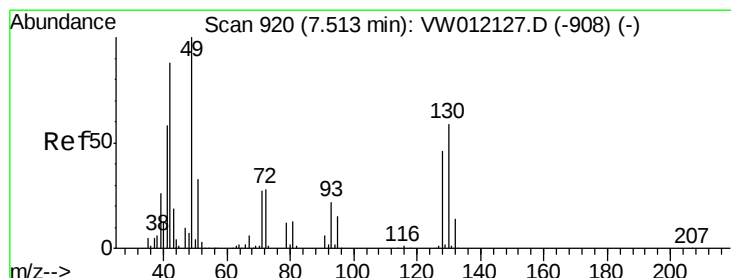
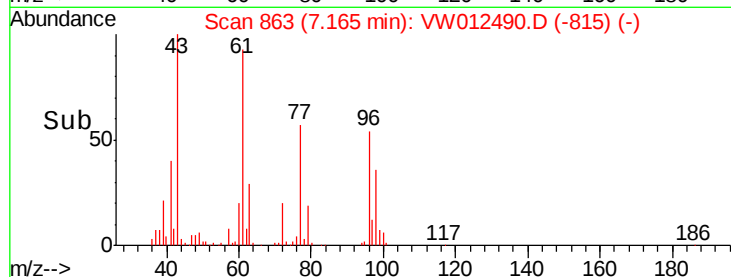
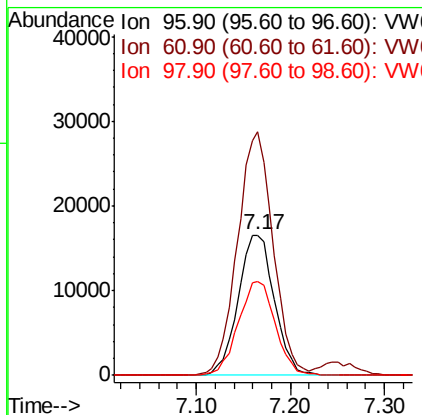
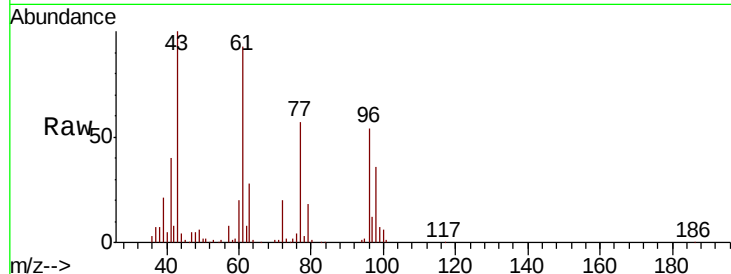


#27

cis-1,2-Dichloroethene
Concen: 19.568 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

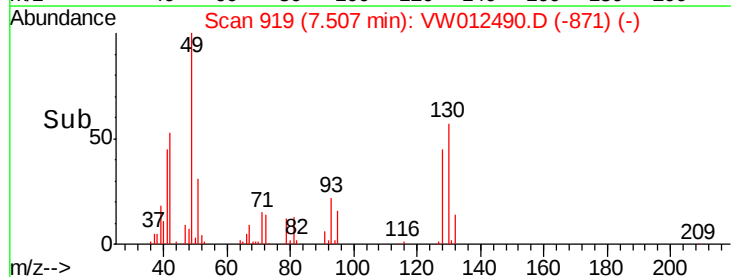
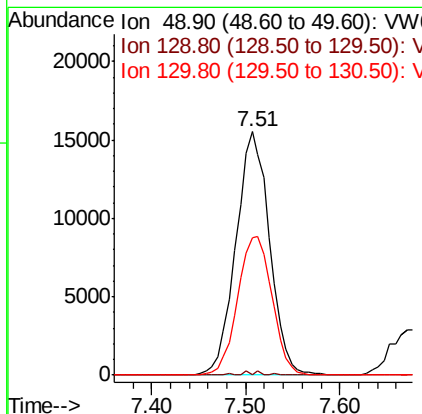
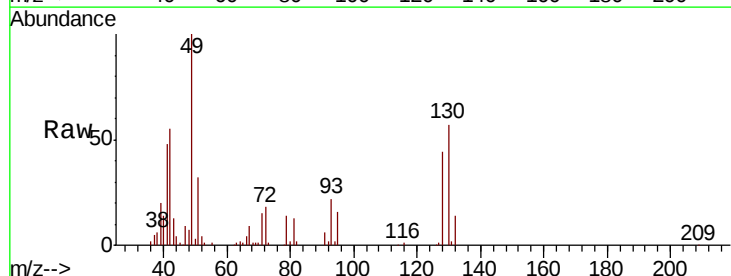
Tgt Ion: 96 Resp: 44550
Ion Ratio Lower Upper
96 100
61 170.3 0.0 326.6
98 68.1 0.0 127.4

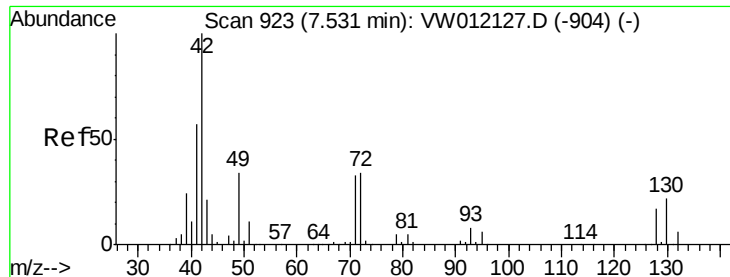


#28

Bromochloromethane
Concen: 20.741 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 49 Resp: 38759
Ion Ratio Lower Upper
49 100
129 0.5 0.0 1.4
130 58.4 45.5 68.3





#29

Tetrahydrofuran

Concen: 102.709 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

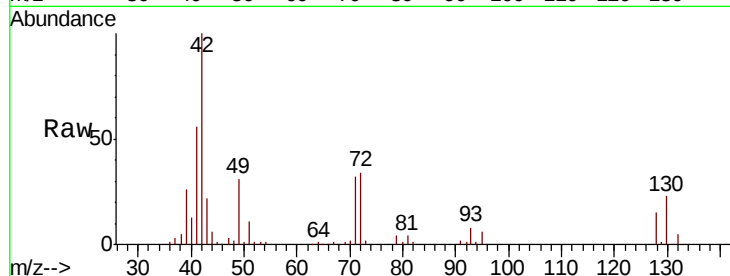
Tgt Ion: 42 Resp: 50410

Ion Ratio Lower Upper

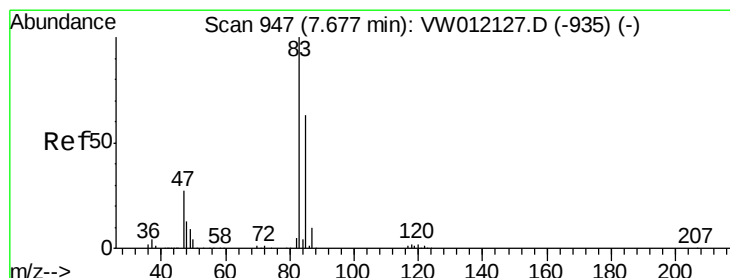
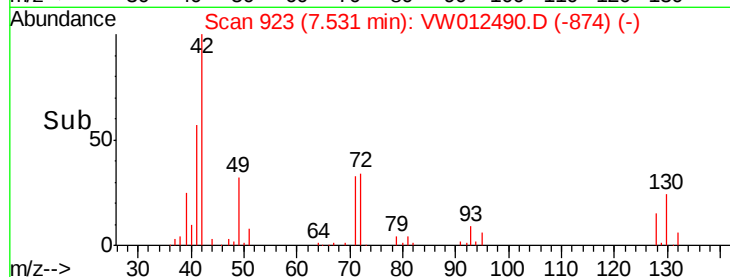
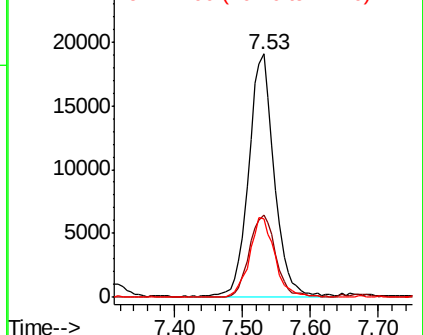
42 100

72 34.7 27.3 40.9

71 32.0 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: 20.914 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012490.D

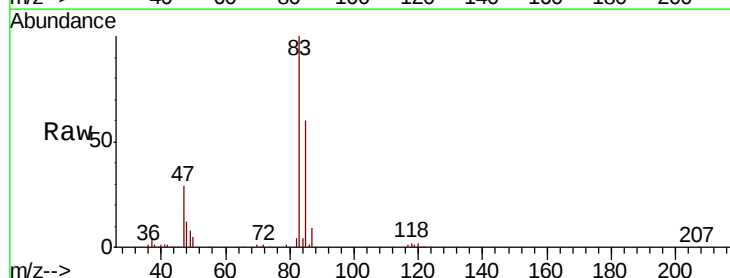
Acq: 02 Sep 2019 11:24

Tgt Ion: 83 Resp: 82039

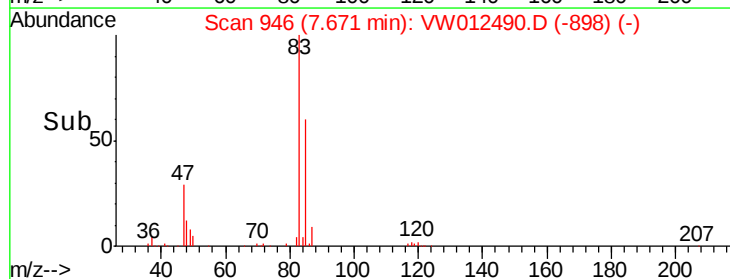
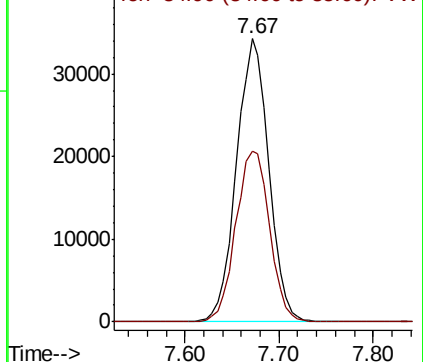
Ion Ratio Lower Upper

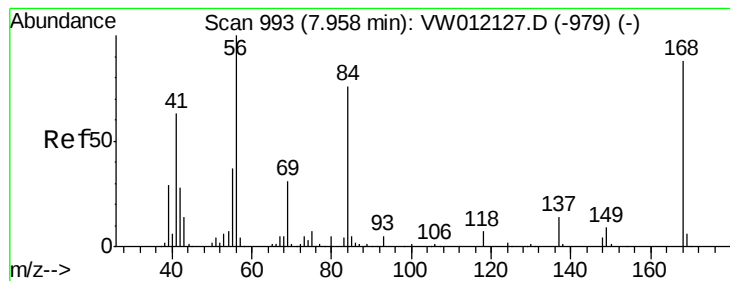
83 100

85 60.4 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: 18.184 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

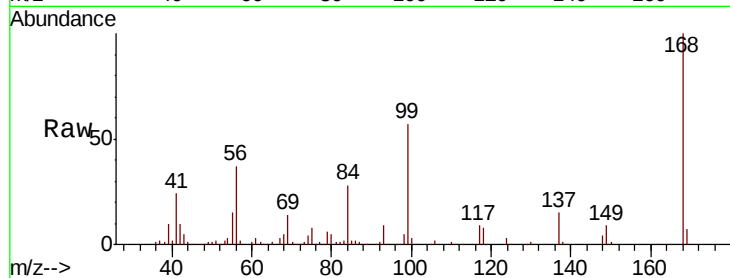
Tgt Ion: 56 Resp: 77136

Ion Ratio Lower Upper

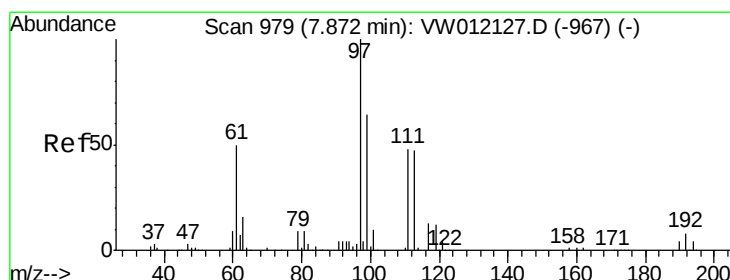
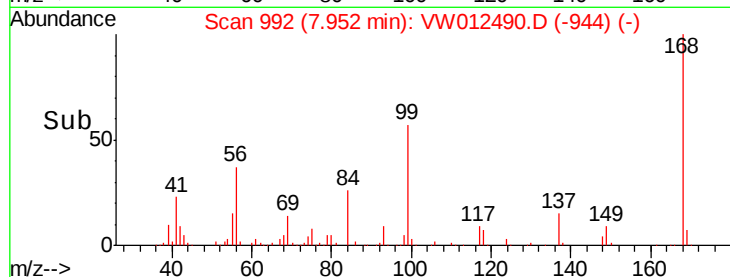
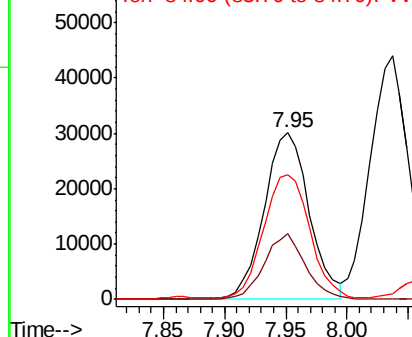
56 100

69 39.1 24.9 37.3#

84 73.2 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 20.992 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

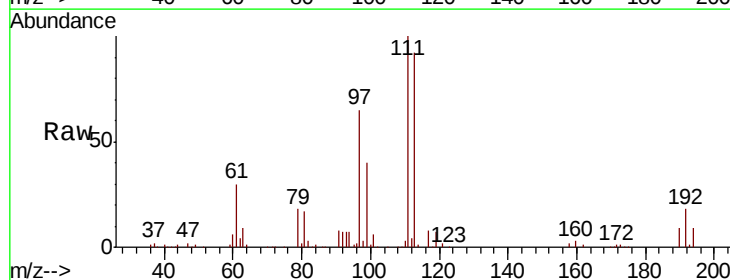
Tgt Ion: 97 Resp: 65143

Ion Ratio Lower Upper

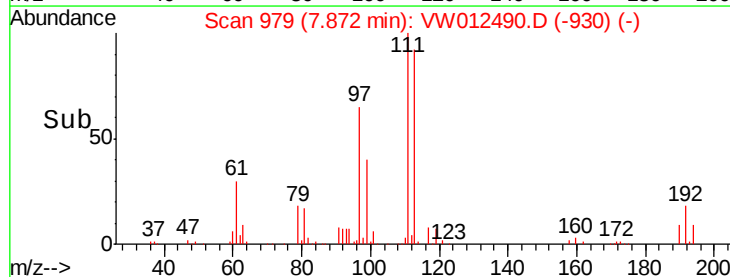
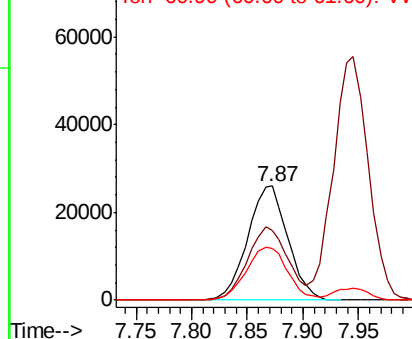
97 100

99 64.8 51.4 77.0

61 48.4 39.5 59.3



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

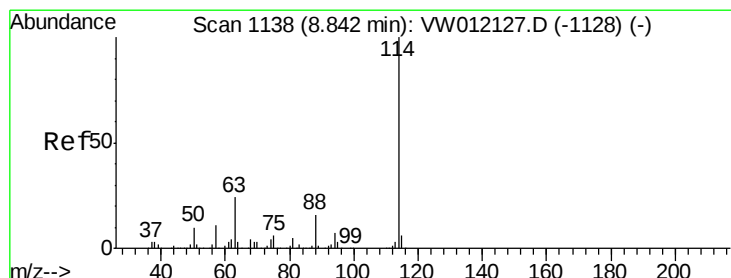
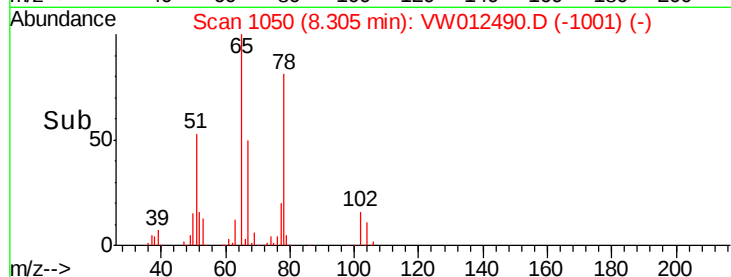
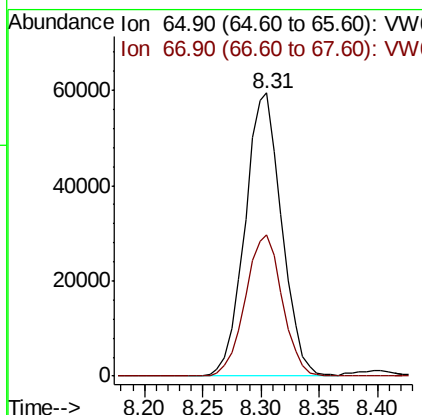
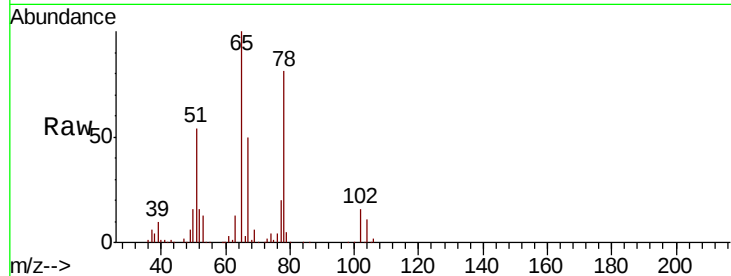




#33
 1,2-Dichloroethane-d4
 Concen: 55.210 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

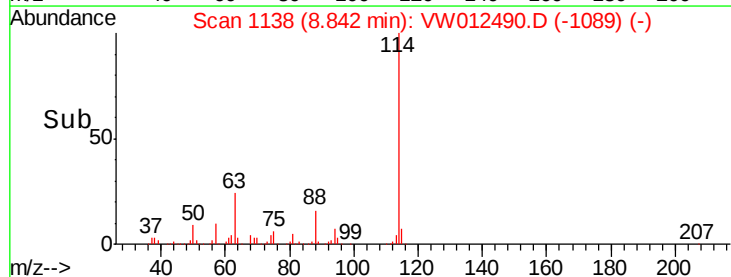
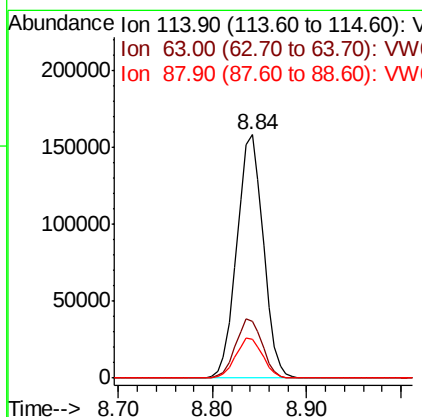
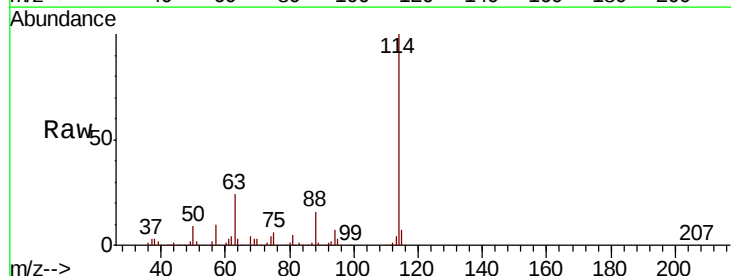
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

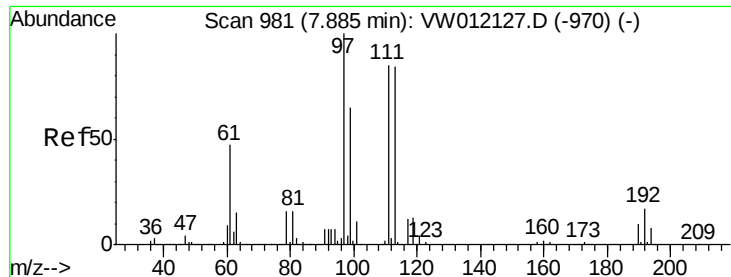
Tgt Ion: 65 Resp: 130025
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 114 Resp: 310102
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.6
 88 16.0 0.0 32.2

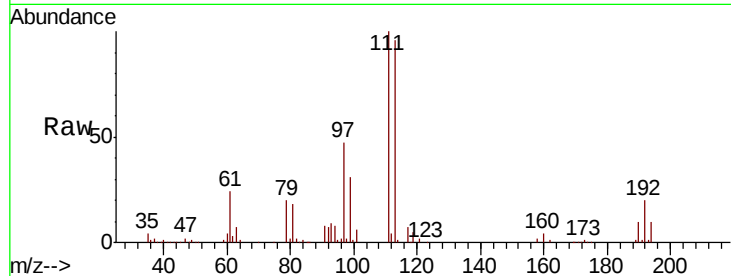




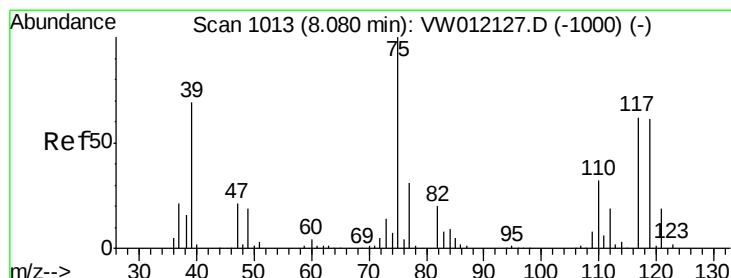
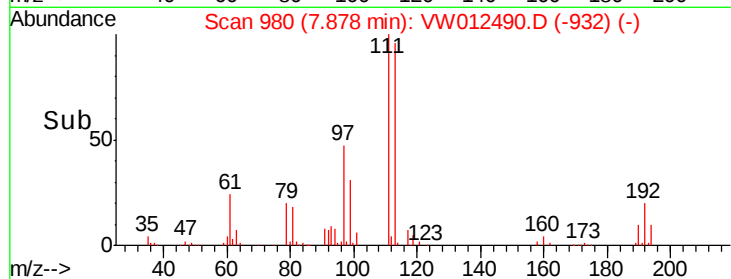
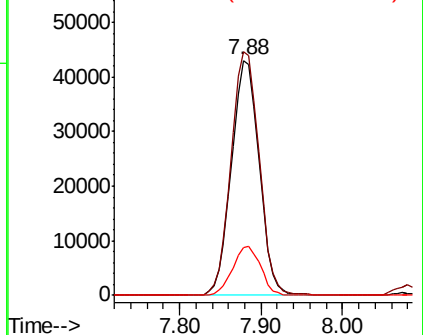
#35
 Dibromofluoromethane
 Concen: 54.567 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Tgt Ion: 113 Resp: 101004
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.7 124.1
 192 21.0 16.2 24.2

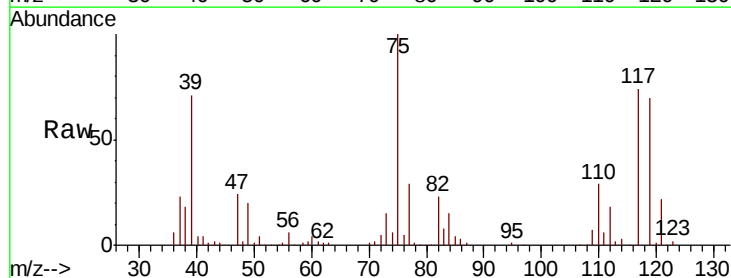


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

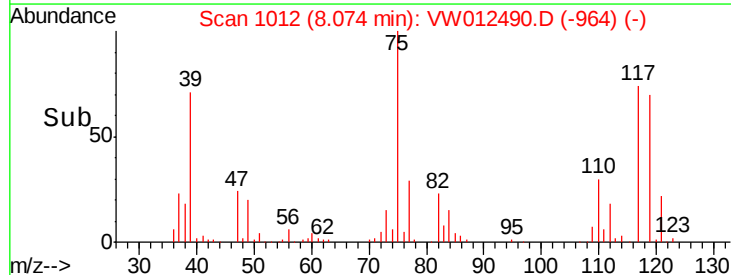
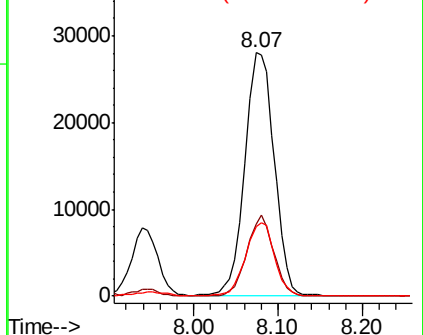


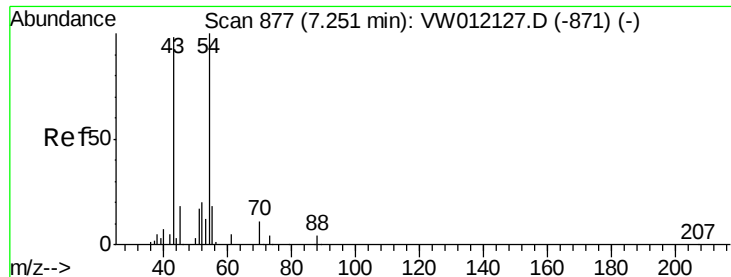
#36
 1,1-Dichloropropene
 Concen: 20.691 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 75 Resp: 66304
 Ion Ratio Lower Upper
 75 100
 110 30.1 15.6 46.8
 77 29.5 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

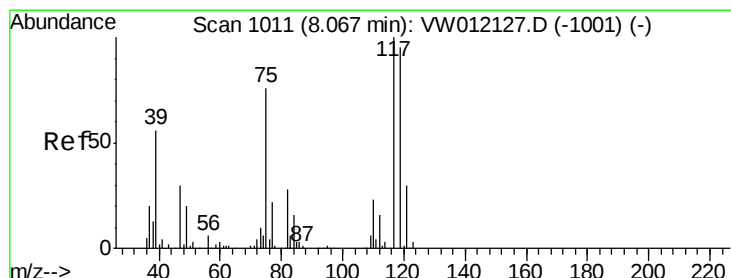
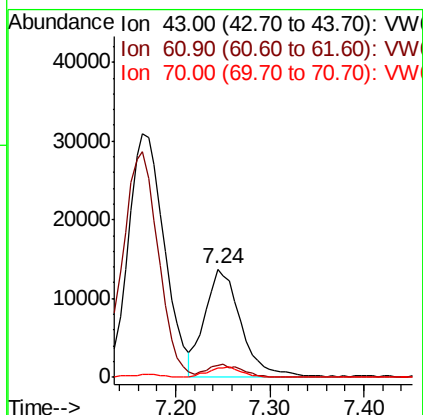
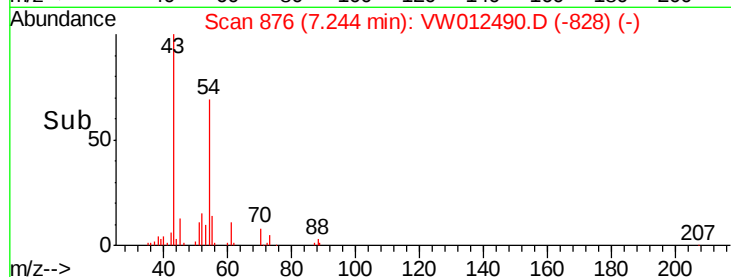
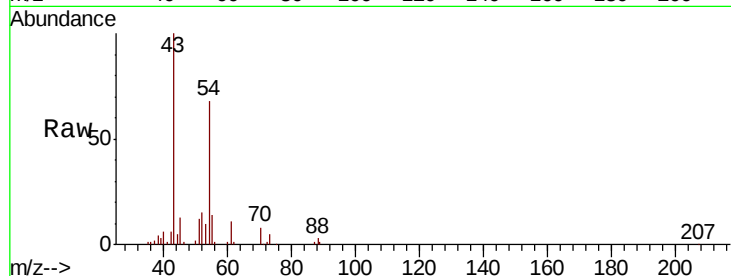




#37
Ethyl Acetate
Concen: 20.682 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

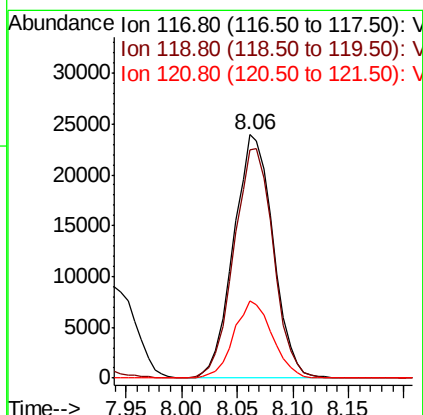
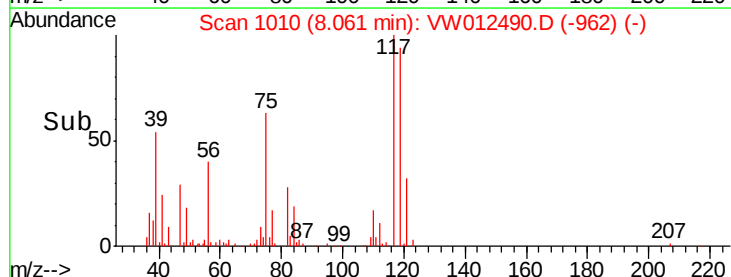
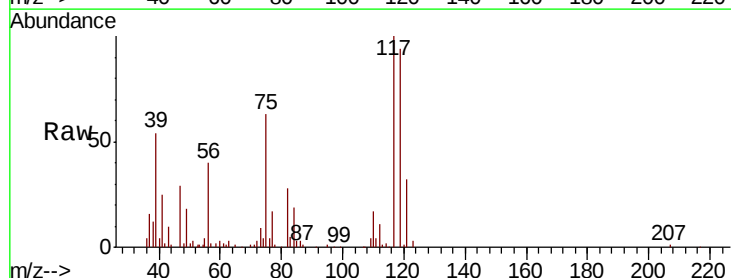
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

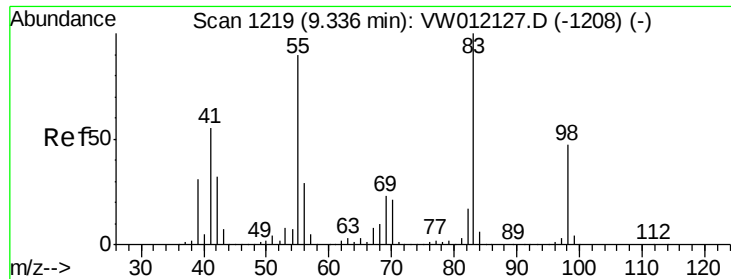
Tgt Ion: 43 Resp: 36318
Ion Ratio Lower Upper
43 100
61 11.6 9.2 13.8
70 8.7 6.9 10.3



#38
Carbon Tetrachloride
Concen: 21.300 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 117 Resp: 59079
Ion Ratio Lower Upper
117 100
119 93.3 76.2 114.2
121 31.5 23.8 35.8

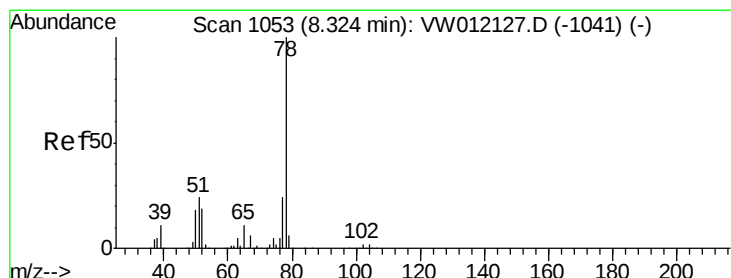
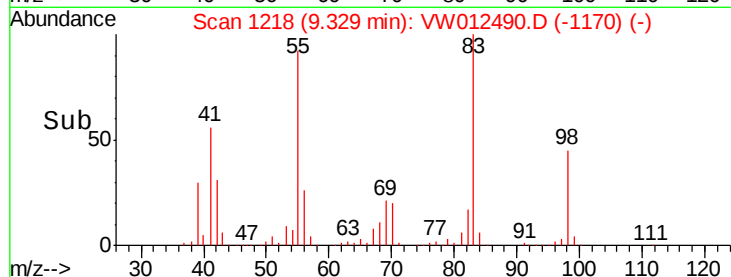
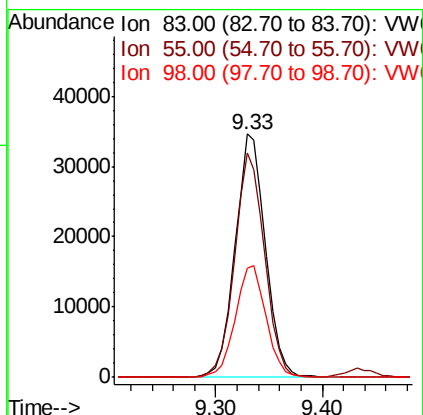
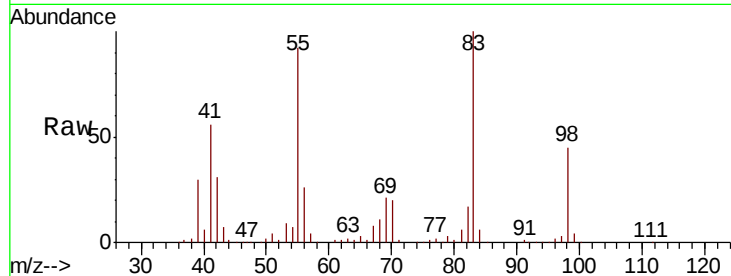




#39
Methylcyclohexane
Concen: 19.189 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

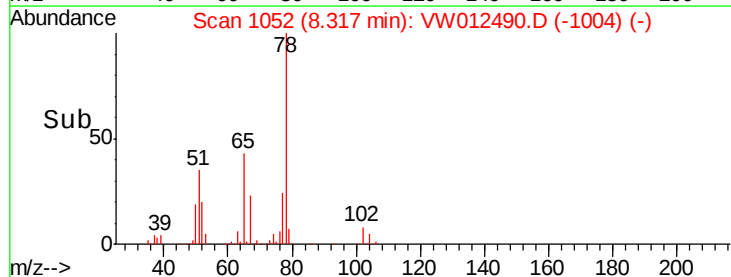
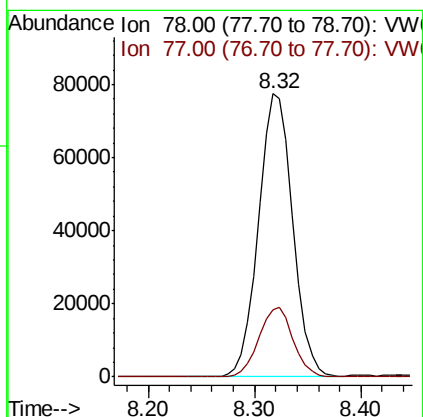
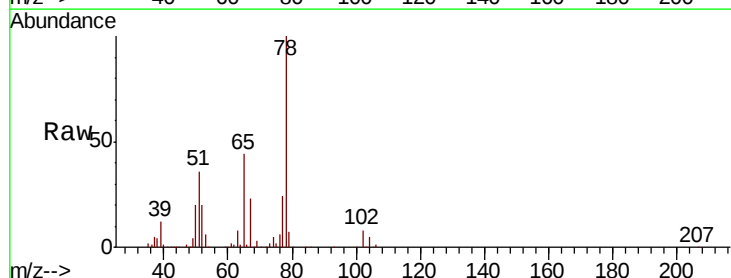
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

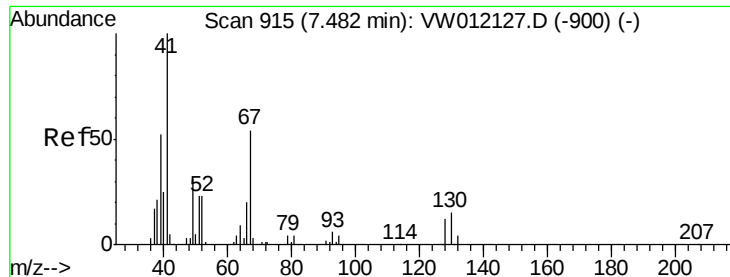
Tgt Ion: 83 Resp: 69083
Ion Ratio Lower Upper
83 100
55 92.3 71.8 107.8
98 44.9 37.8 56.8



#40
Benzene
Concen: 19.922 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 78 Resp: 174320
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

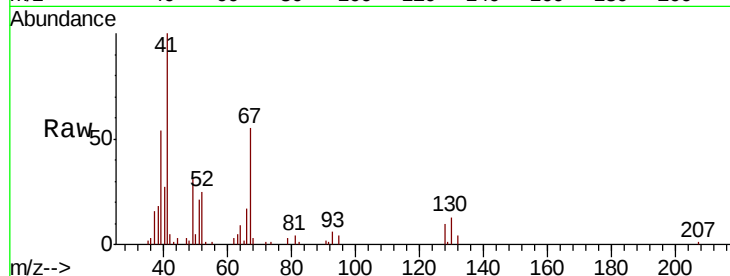




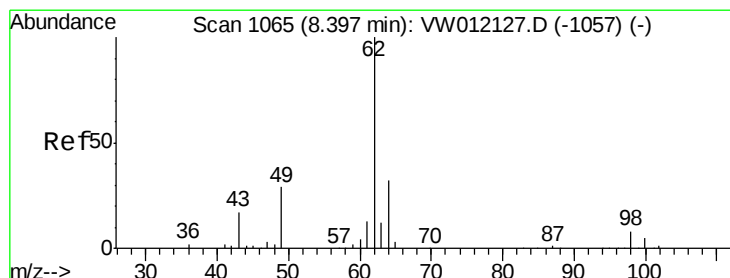
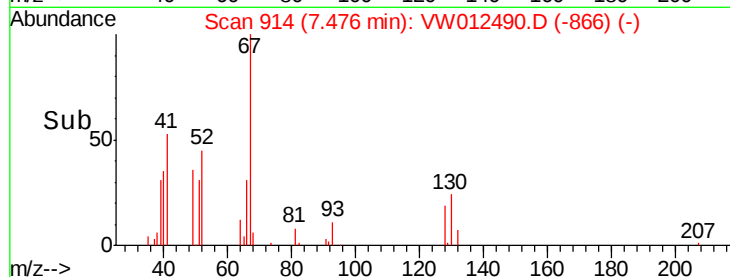
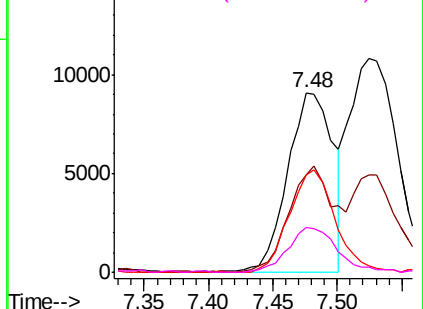
#41
Methacrylonitrile
Concen: 21.585 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tgt Ion:	41	Resp:	22278
Ion	Ratio	Lower	Upper
41	100		
39	60.3	45.8	68.8
67	57.5	46.2	69.4
52	26.8	21.0	31.6

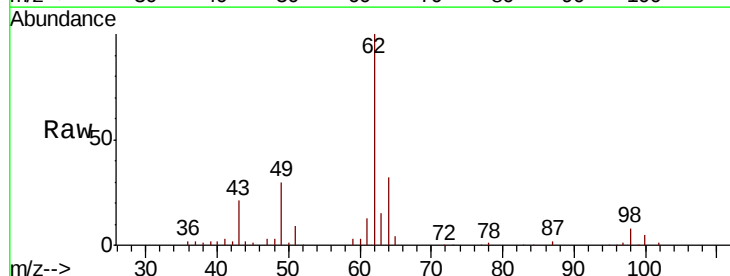


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

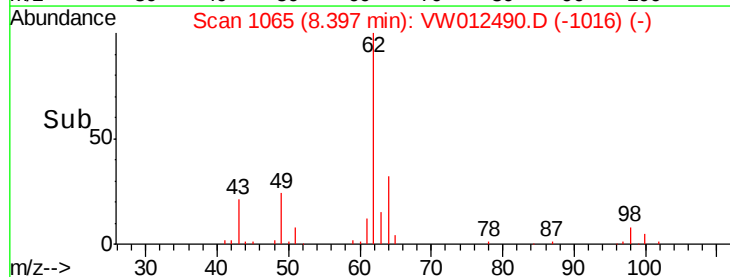
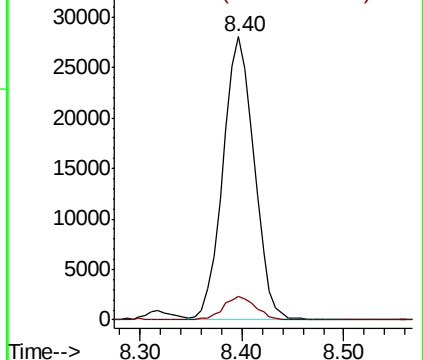


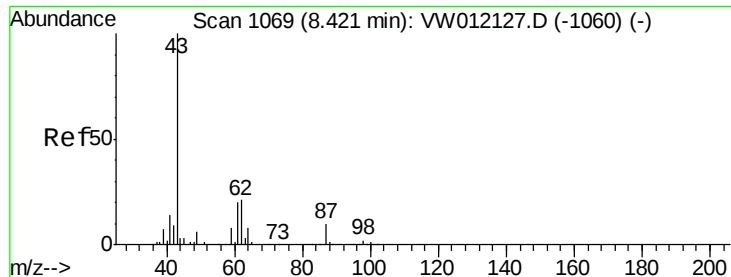
#42
1,2-Dichloroethane
Concen: 21.724 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion:	62	Resp:	59576
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 20.378 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

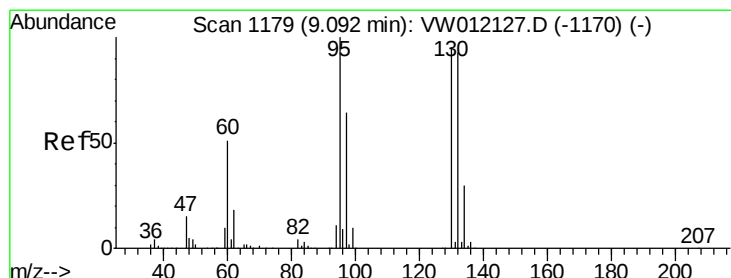
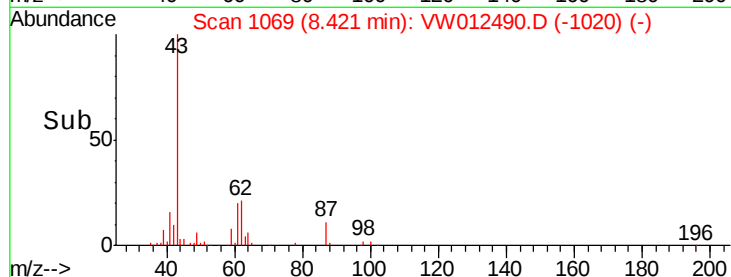
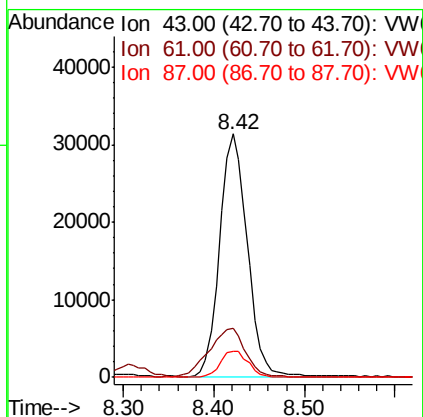
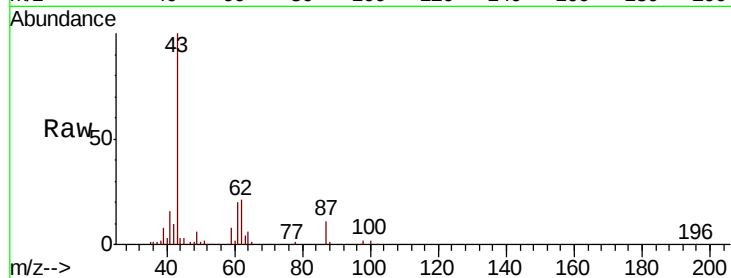
Tgt Ion: 43 Resp: 66285

Ion Ratio Lower Upper

43 100

61 26.8 21.1 31.7

87 10.9 8.2 12.2



#44

Trichloroethene

Concen: 20.617 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012490.D

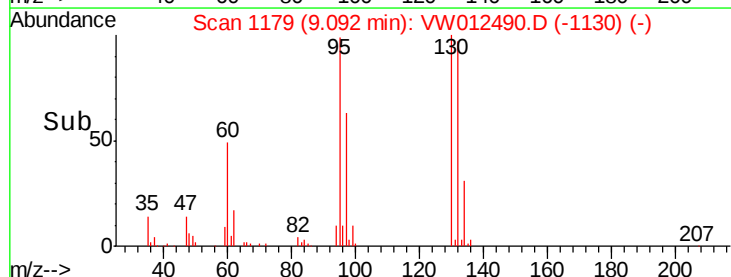
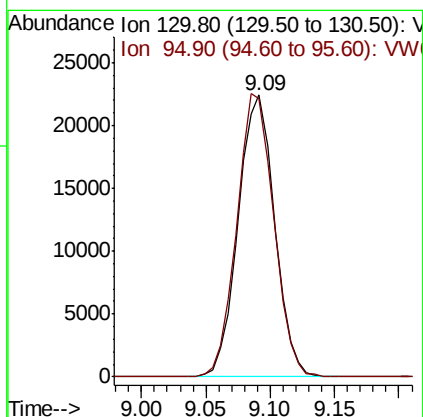
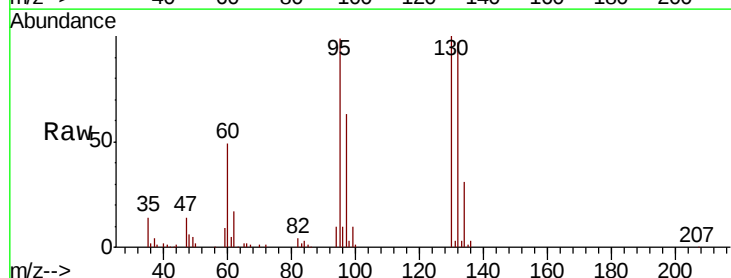
Acq: 02 Sep 2019 11:24

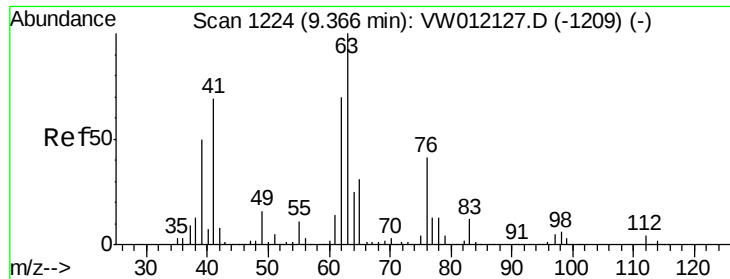
Tgt Ion: 130 Resp: 43855

Ion Ratio Lower Upper

130 100

95 98.9 0.0 210.6

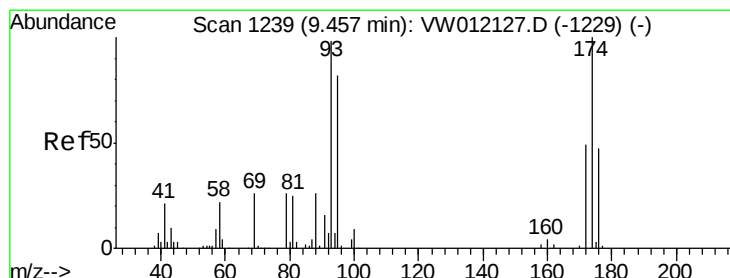
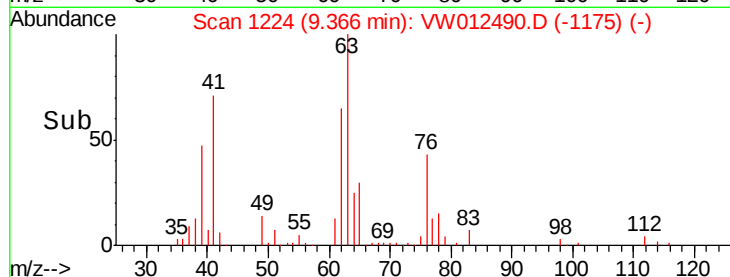
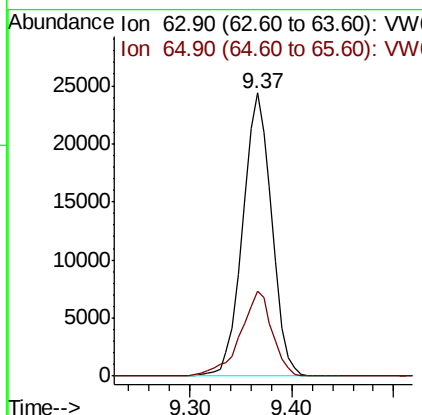
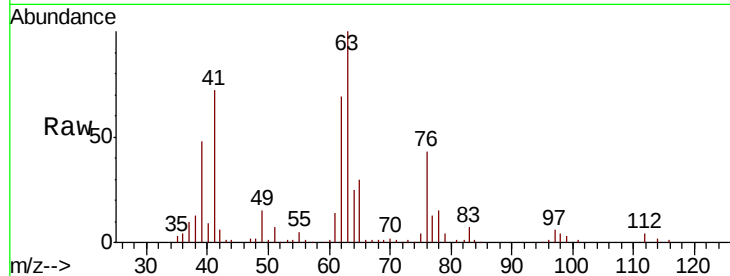




#45
 1,2-Dichloropropane
 Concen: 20.402 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

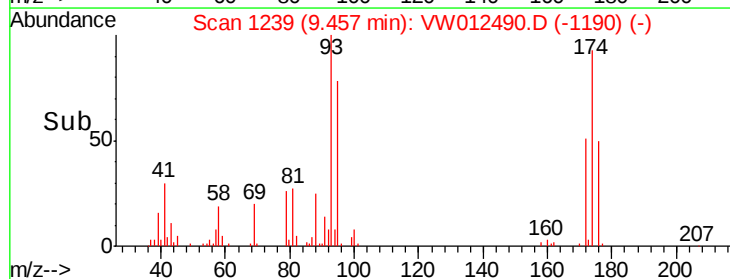
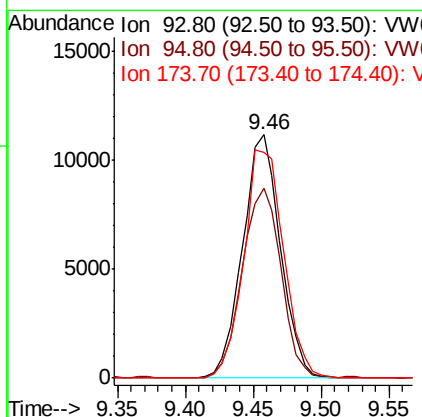
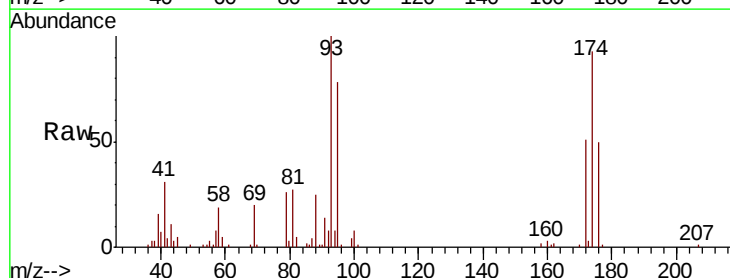
Instrument :
 MSVOA_W
 ClientSampled :
 VW0902SBS01

Tgt Ion: 63 Resp: 48045
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4



#46
 Dibromomethane
 Concen: 20.828 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 93 Resp: 21823
 Ion Ratio Lower Upper
 93 100
 95 80.3 67.2 100.8
 174 98.9 79.0 118.6





#47

Bromodichloromethane

Concen: 21.179 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampled :

VW0902SBS01

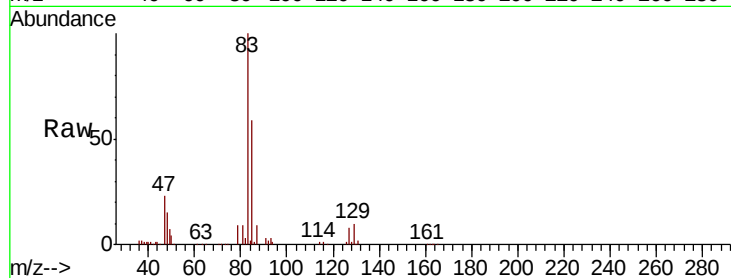
Tgt Ion: 83 Resp: 59059

Ion Ratio Lower Upper

83 100

85 58.8 49.4 74.2

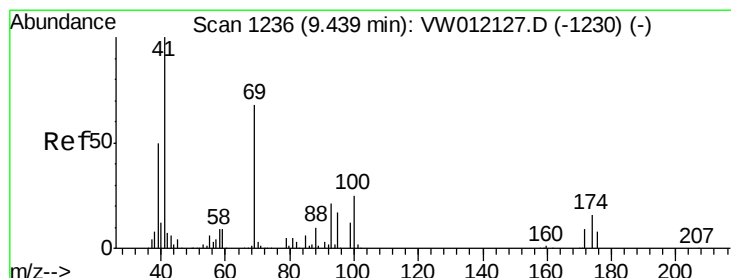
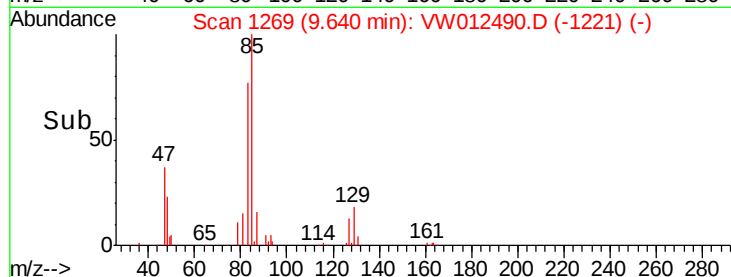
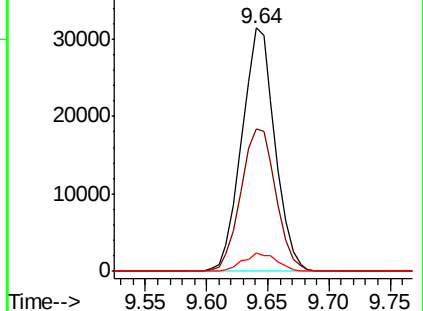
127 7.6 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 20.657 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

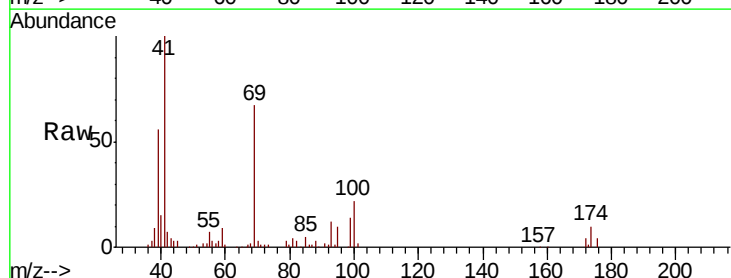
Tgt Ion: 41 Resp: 31980

Ion Ratio Lower Upper

41 100

69 72.7 56.7 85.1

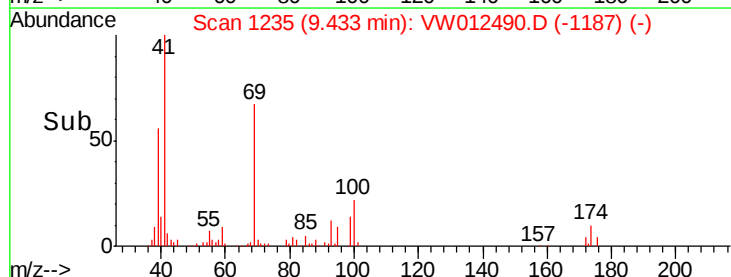
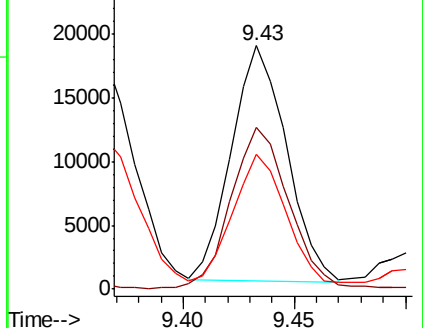
39 51.5 42.0 63.0

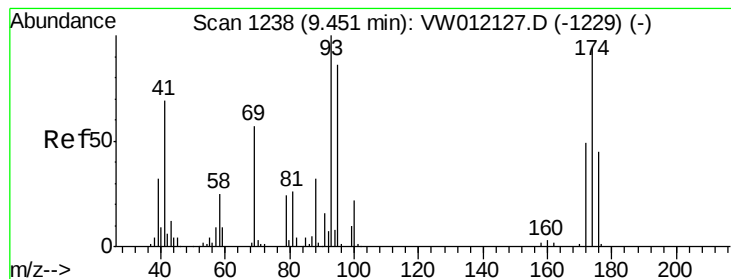


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 395.313 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

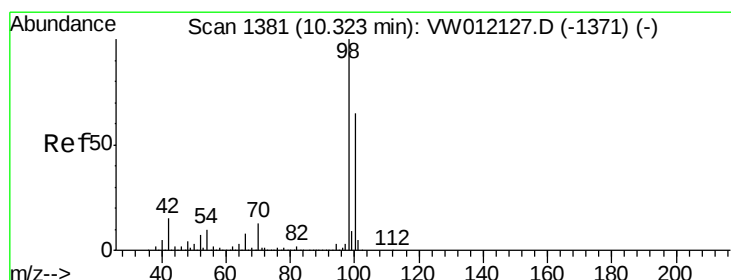
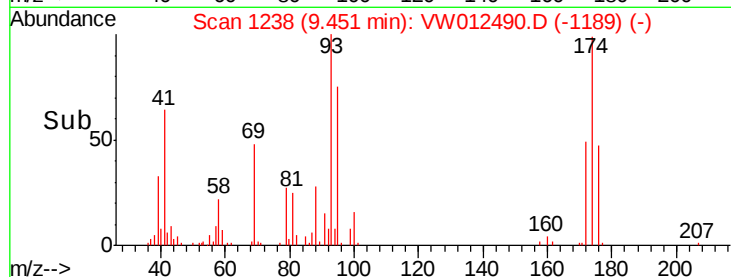
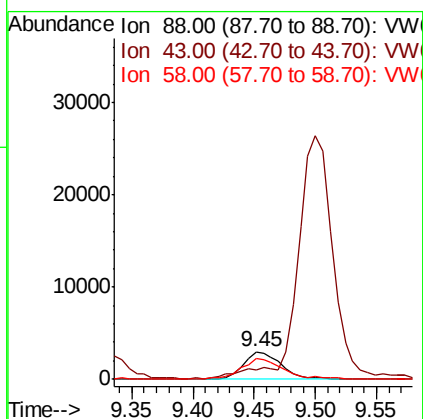
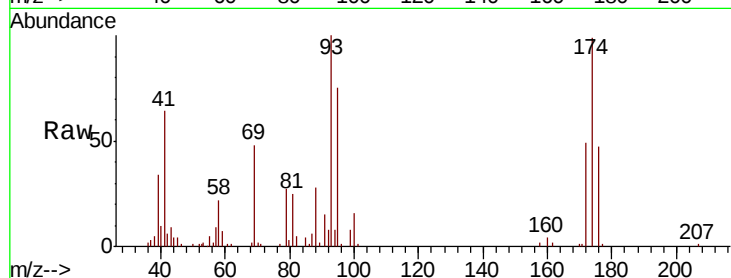
Tgt Ion: 88 Resp: 6341

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

58 85.7 71.0 106.4



#50

Toluene-d8

Concen: 53.819 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012490.D

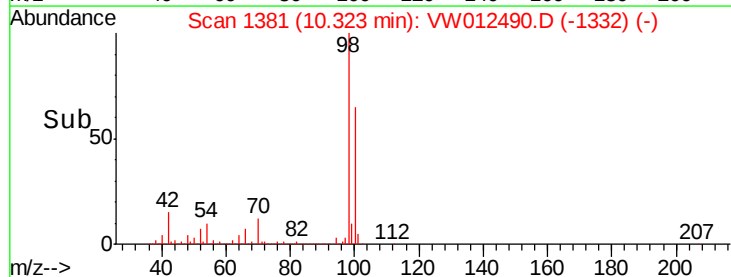
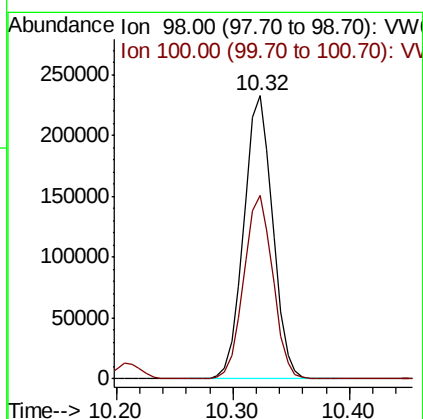
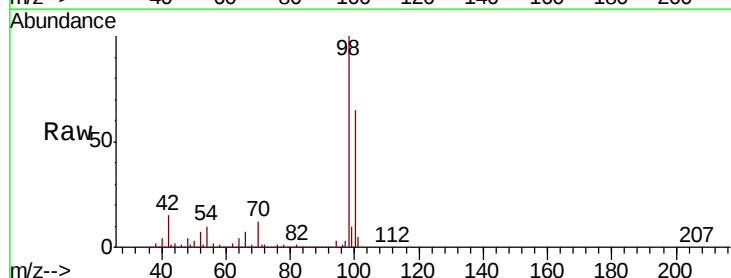
Acq: 02 Sep 2019 11:24

Tgt Ion: 98 Resp: 403929

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6

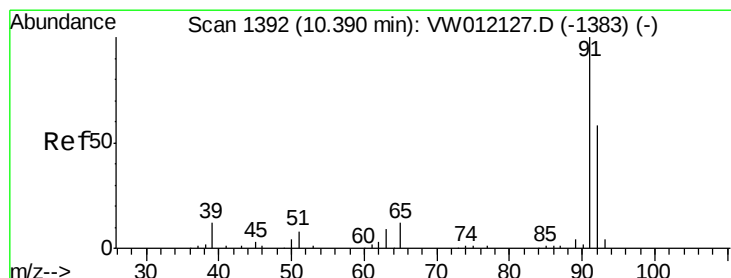
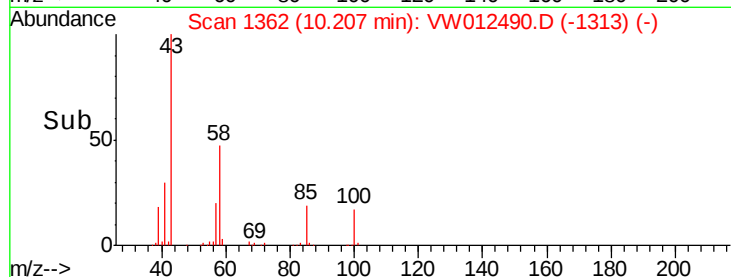
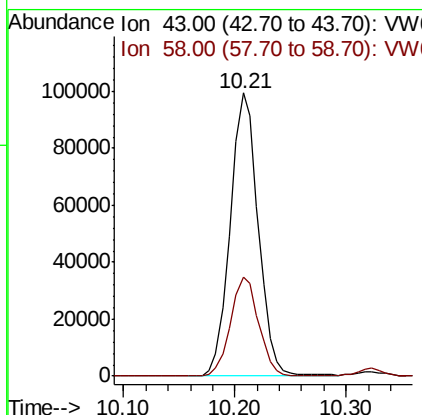
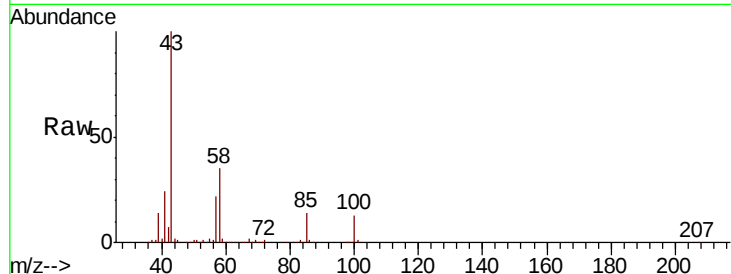




#51
 4-Methyl-2-Pentanone
 Concen: 104.488 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

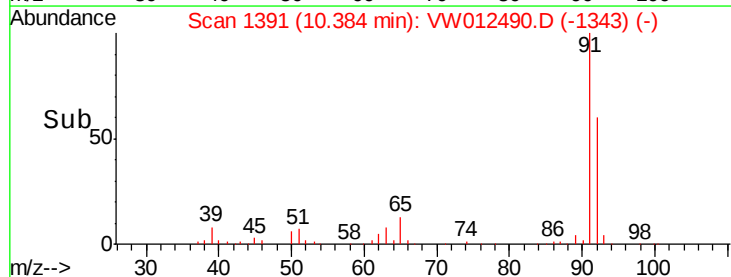
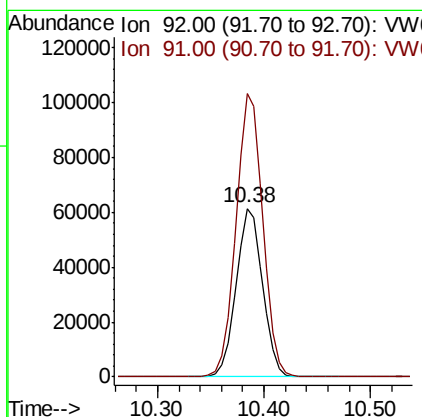
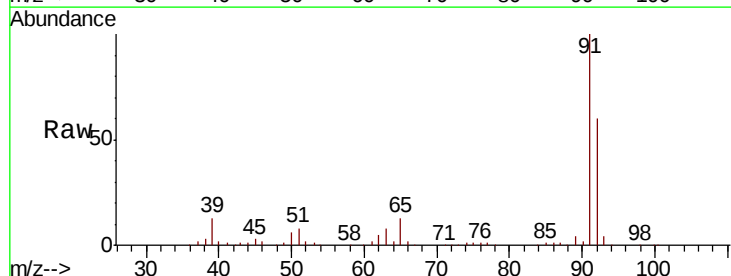
Instrument :
 MSVOA_W
 ClientSampled :
 VW0902SBS01

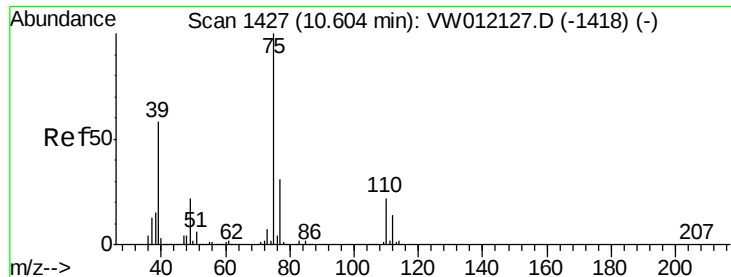
Tgt Ion: 43 Resp: 172869
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.2 42.2



#52
 Toluene
 Concen: 20.372 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 92 Resp: 107088
 Ion Ratio Lower Upper
 92 100
 91 170.1 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 20.315 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

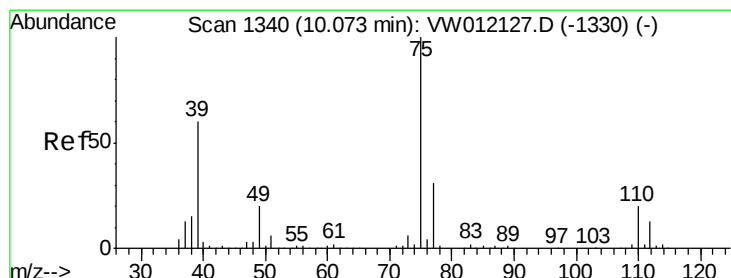
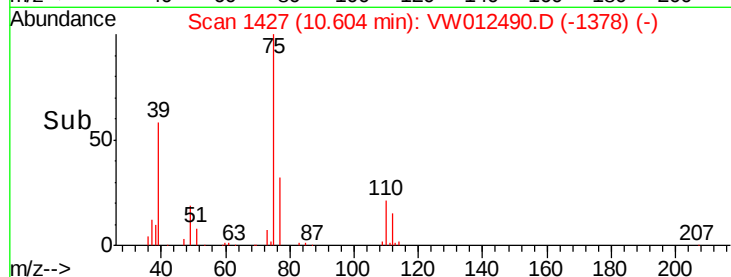
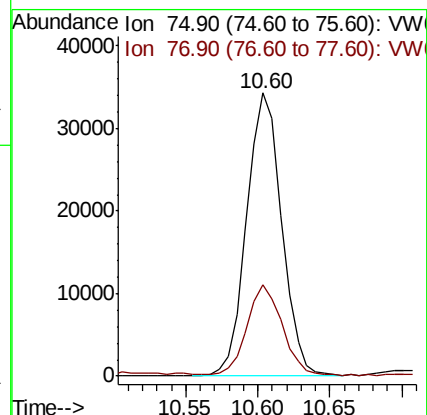
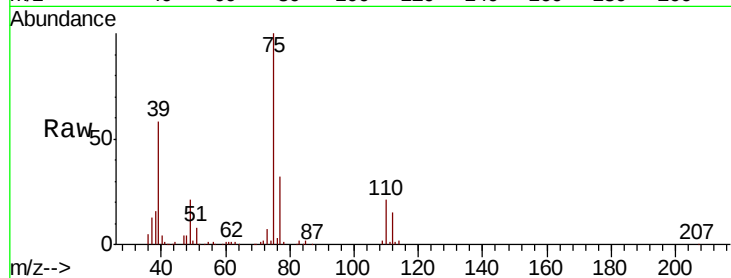
VW0902SBS01

Tgt Ion: 75 Resp: 57705

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.812 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

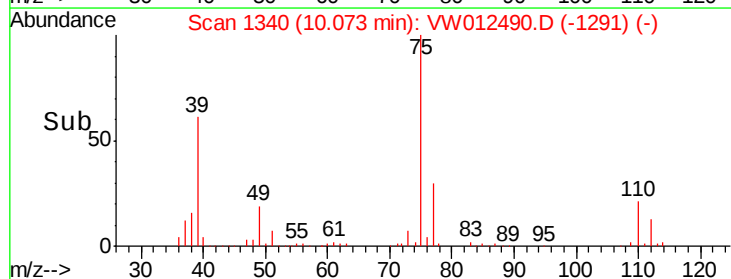
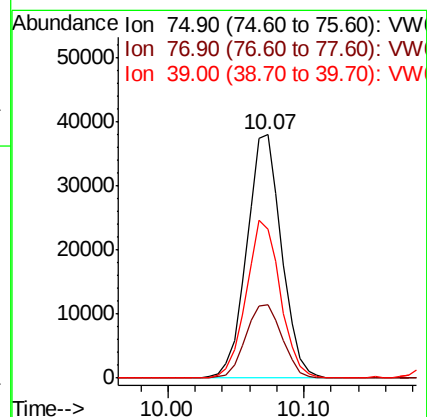
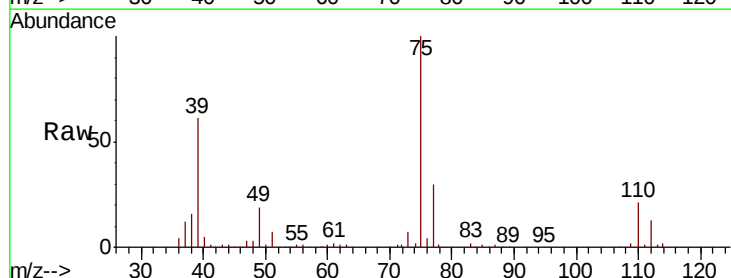
Tgt Ion: 75 Resp: 67952

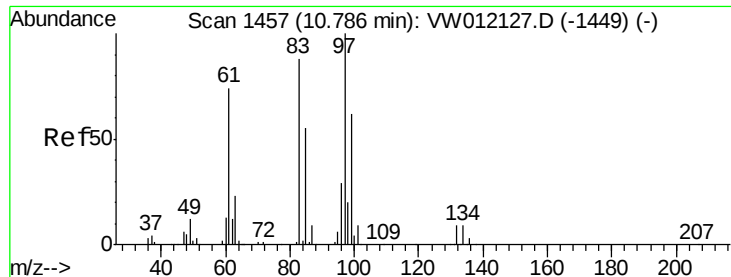
Ion Ratio Lower Upper

75 100

77 30.2 25.1 37.7

39 60.8 48.3 72.5

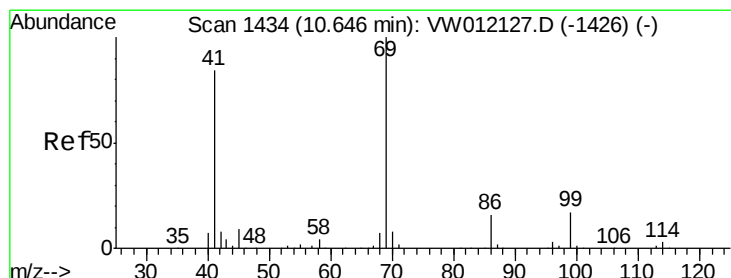
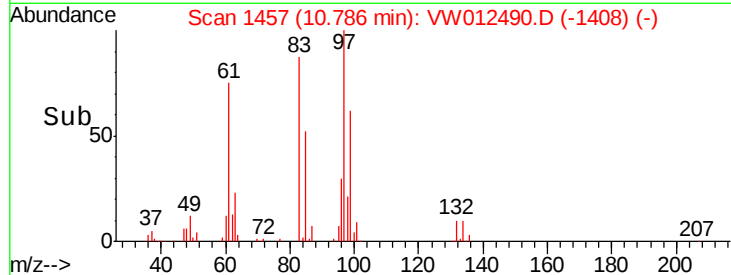
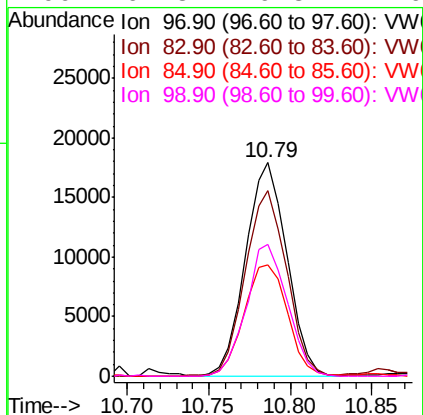
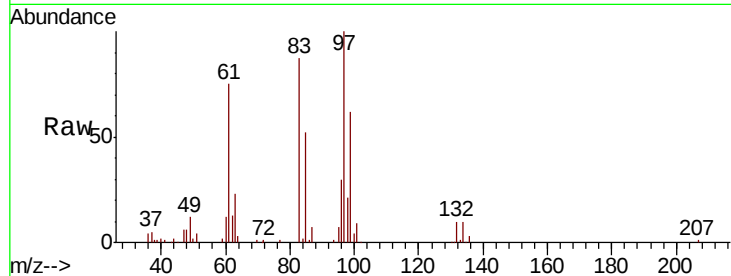




#55
 1,1,2-Trichloroethane
 Concen: 21.385 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

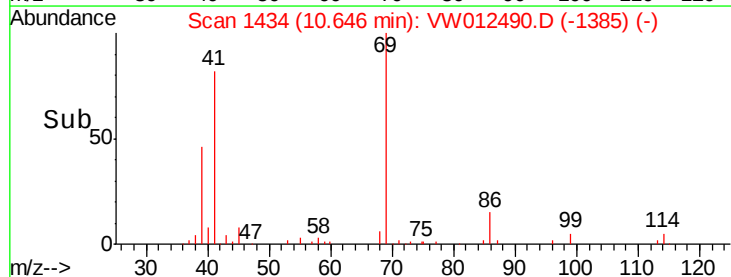
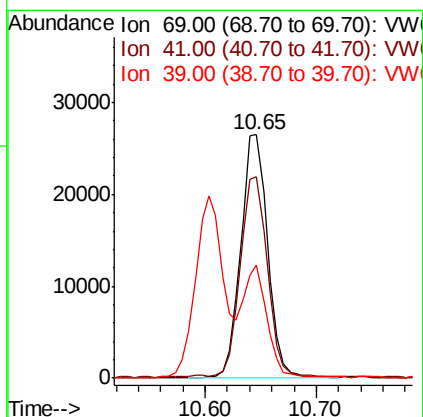
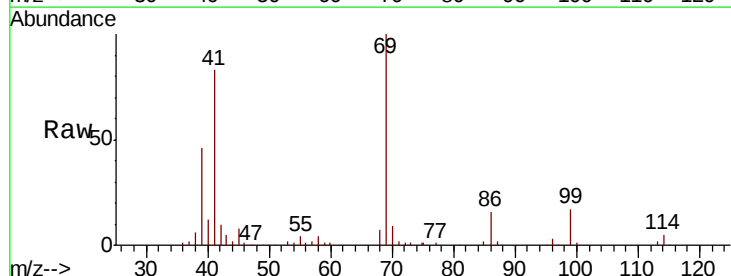
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

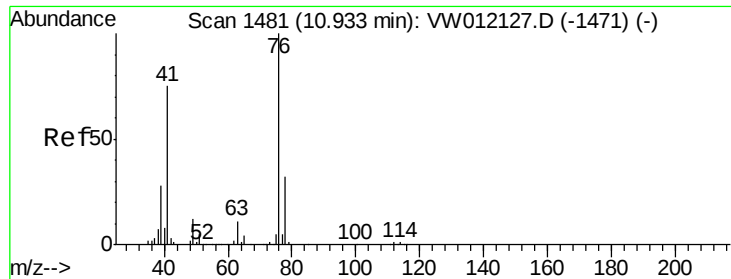
Tgt Ion:	97	Resp:	31703
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.8	106.2
85	52.2	43.8	65.8
99	61.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 20.675 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion:	69	Resp:	44609
Ion	Ratio	Lower	Upper
69	100		
41	83.8	66.5	99.7
39	39.2	31.0	46.4

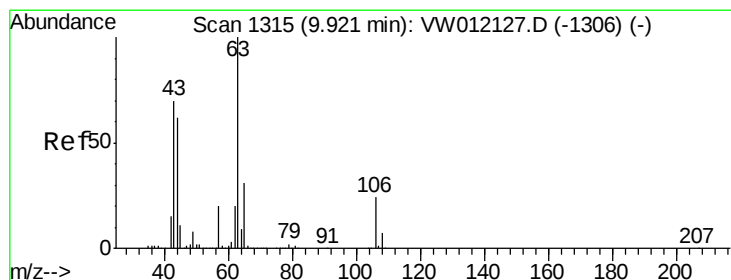
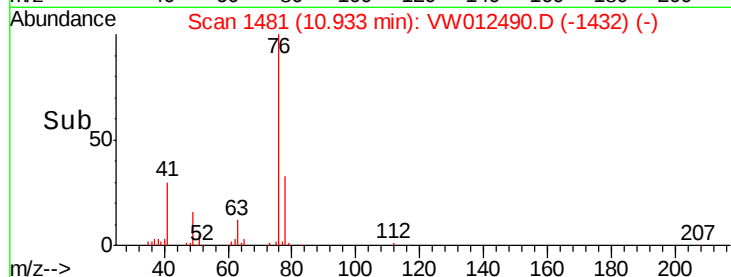
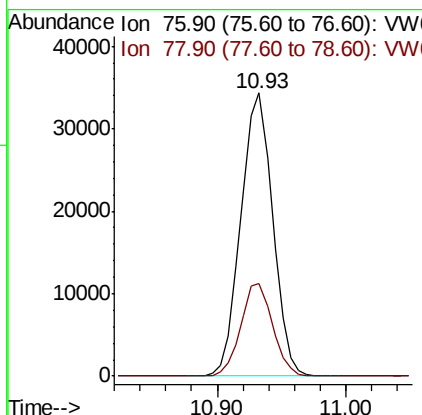
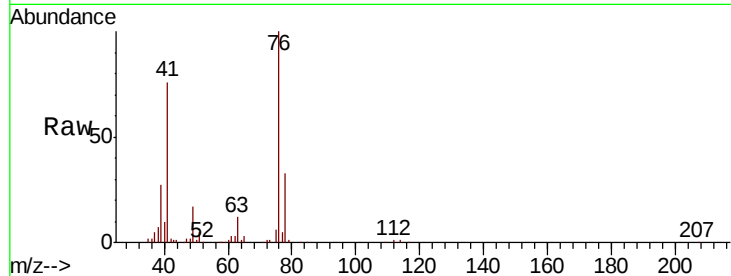




#57
 1,3-Dichloropropane
 Concen: 20.963 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

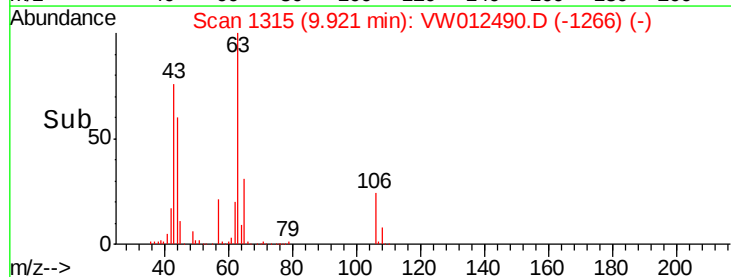
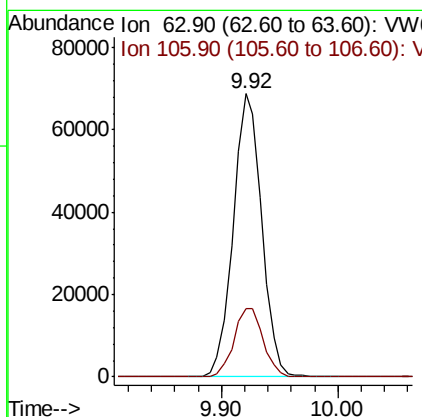
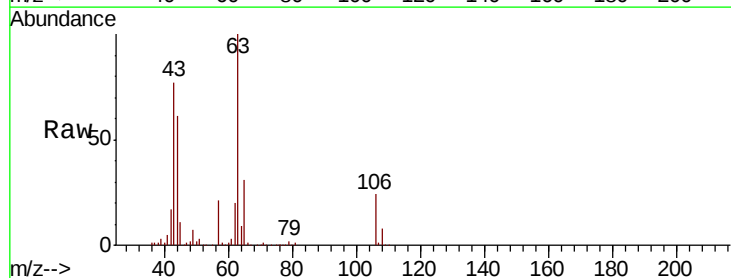
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

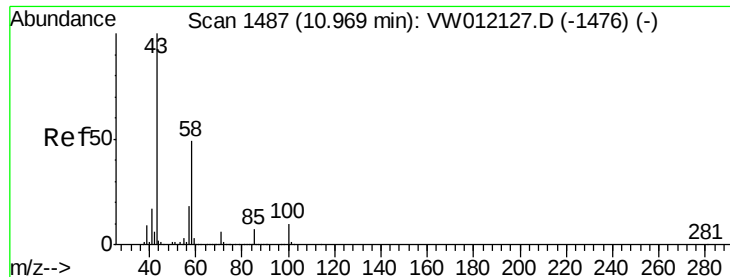
Tgt Ion: 76 Resp: 58729
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.632 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 63 Resp: 116971
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.8 29.8





#59

2-Hexanone

Concen: 105.259 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

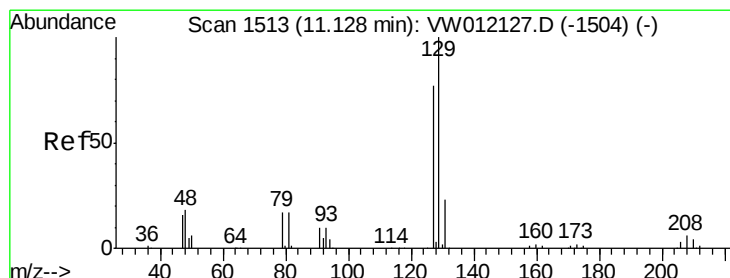
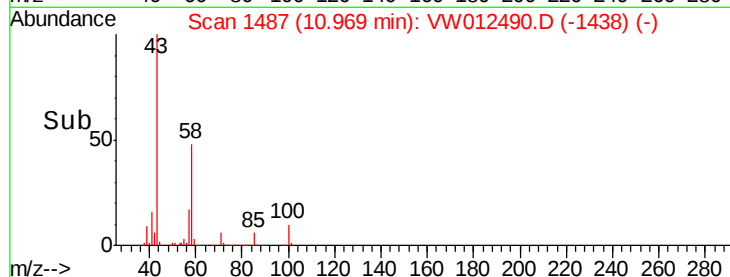
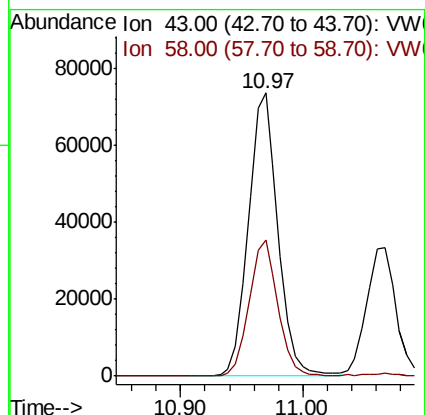
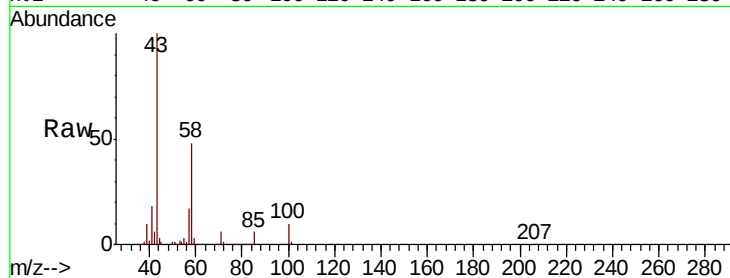
VW0902SBS01

Tgt Ion: 43 Resp: 123219

Ion Ratio Lower Upper

43 100

58 46.9 24.3 72.9



#60

Dibromochloromethane

Concen: 20.583 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW012490.D

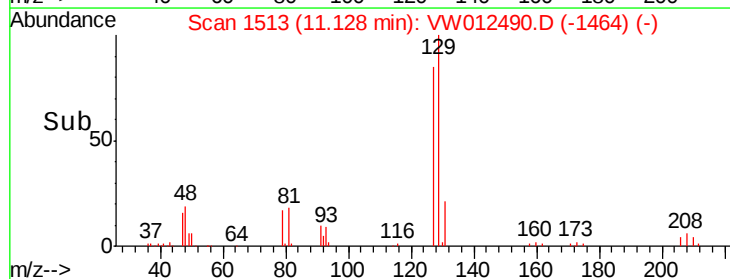
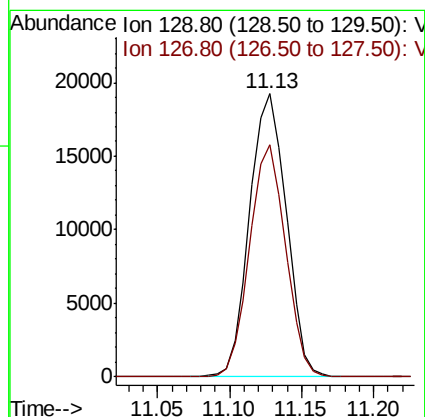
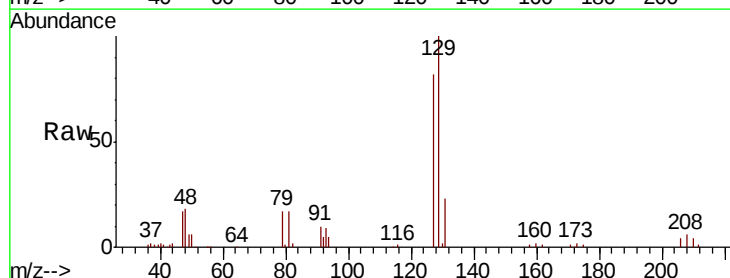
Acq: 02 Sep 2019 11:24

Tgt Ion: 129 Resp: 33987

Ion Ratio Lower Upper

129 100

127 80.0 38.6 115.8

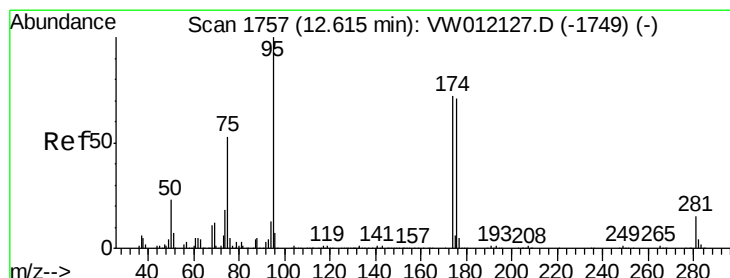
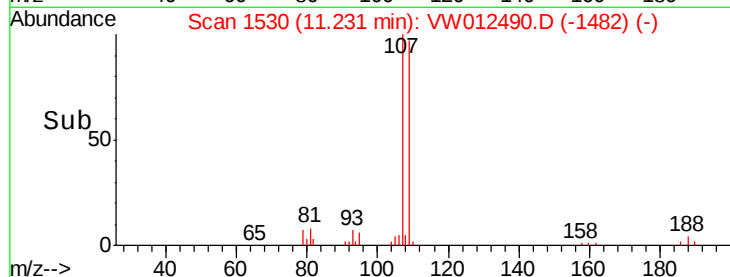
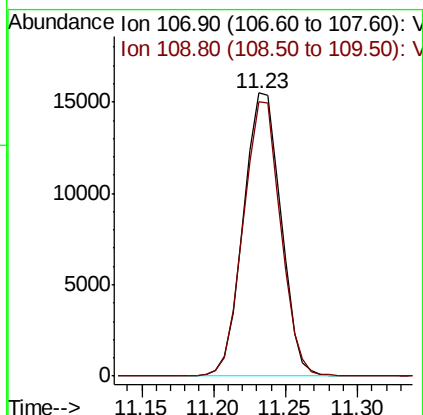
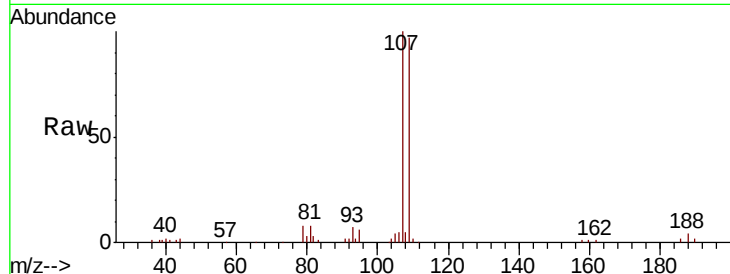




#61
 1,2-Dibromoethane
 Concen: 20.205 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

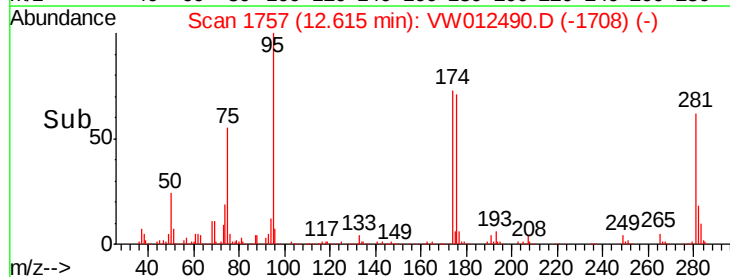
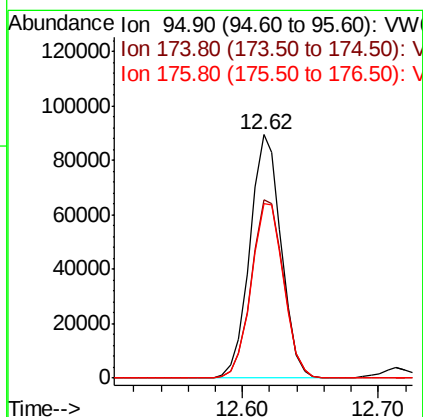
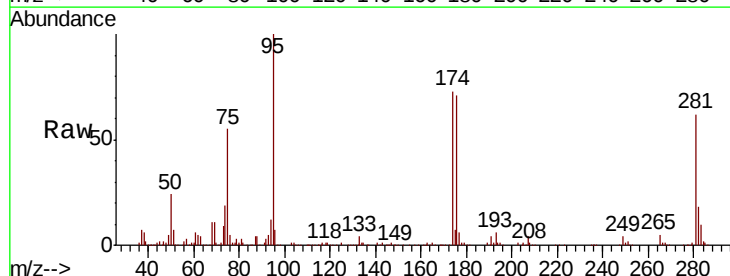
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

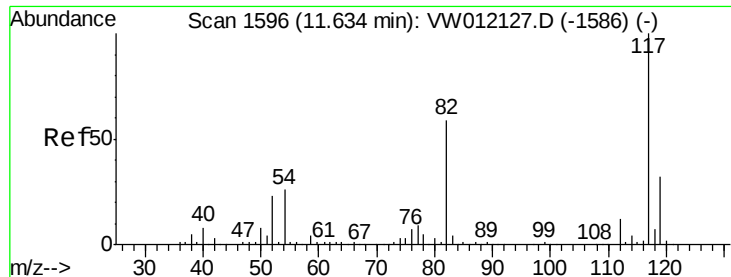
Tgt Ion: 107 Resp: 27905
 Ion Ratio Lower Upper
 107 100
 109 96.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 54.474 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 95 Resp: 144116
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 150.8
 176 74.3 0.0 148.6

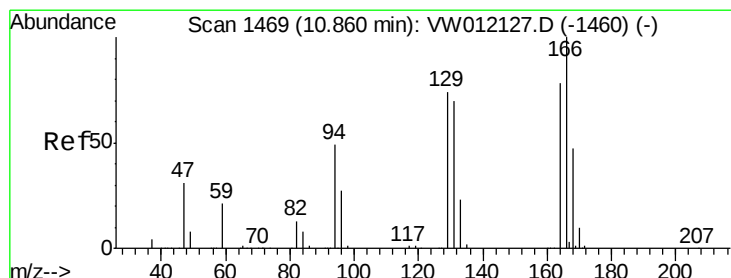
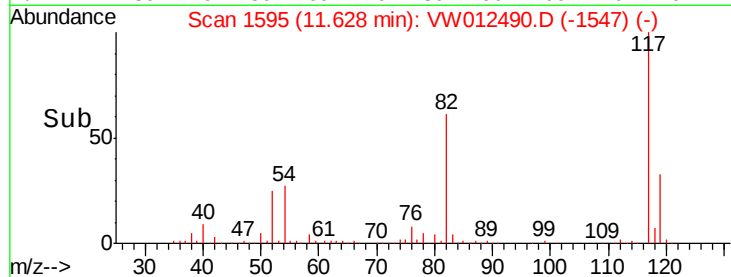
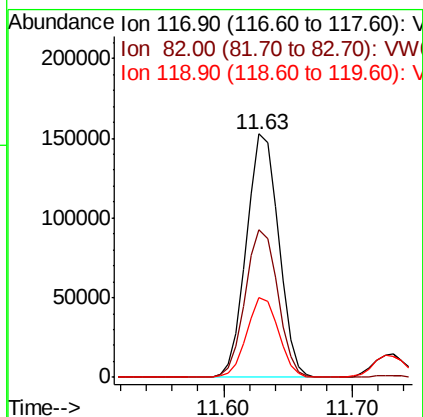
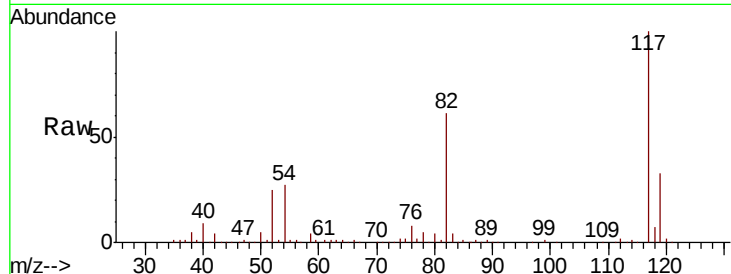




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

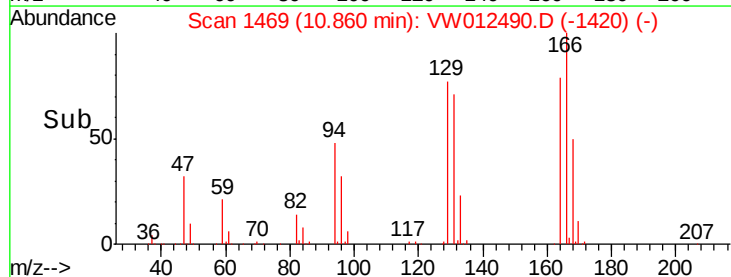
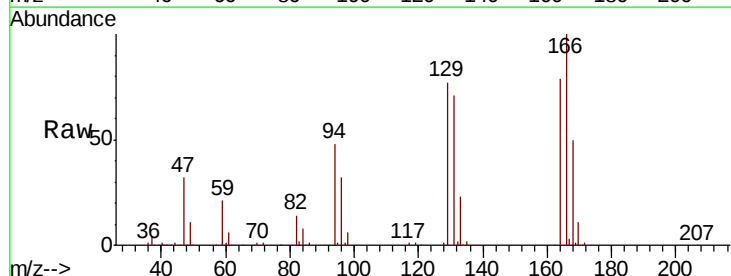
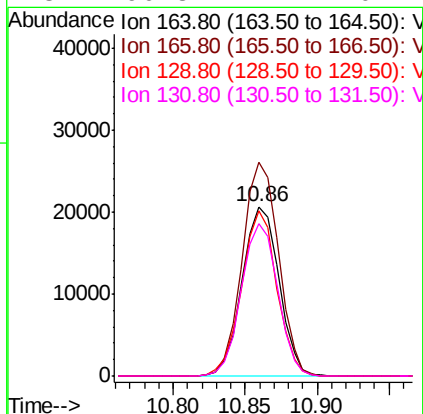
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

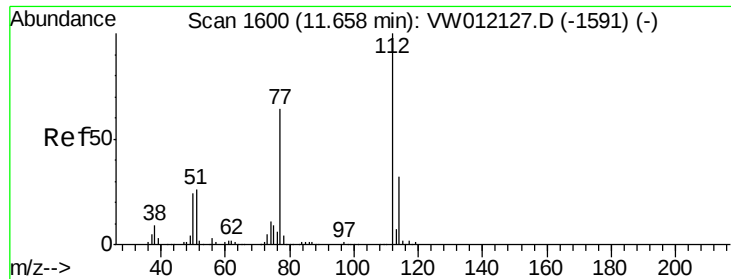
Tgt Ion:117 Resp: 264231
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 21.284 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion:164 Resp: 36461
Ion Ratio Lower Upper
164 100
166 126.4 102.4 153.6
129 97.6 75.8 113.6
131 90.3 71.4 107.2

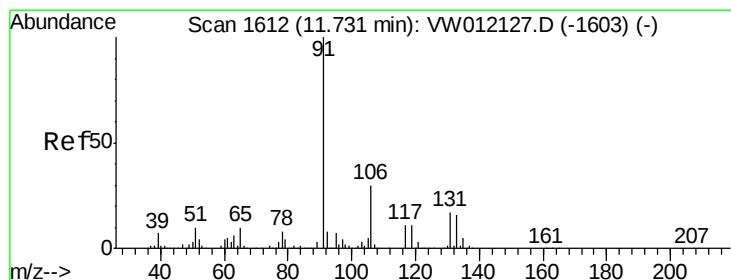
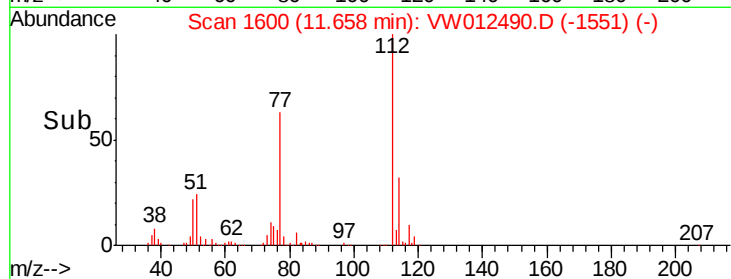
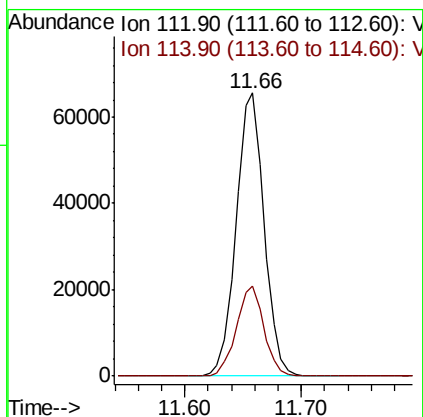
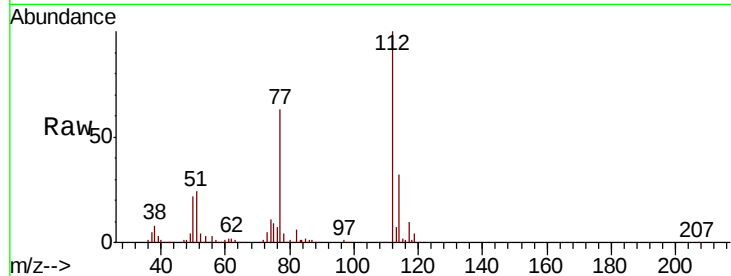




#65
Chlorobenzene
Concen: 21.024 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

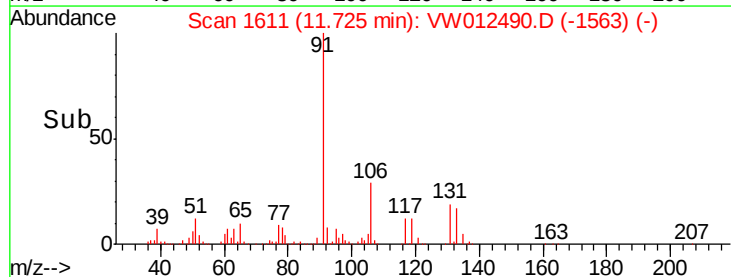
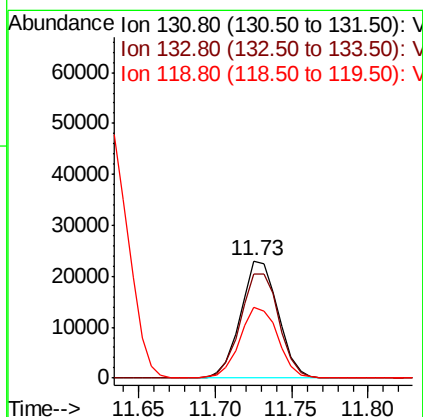
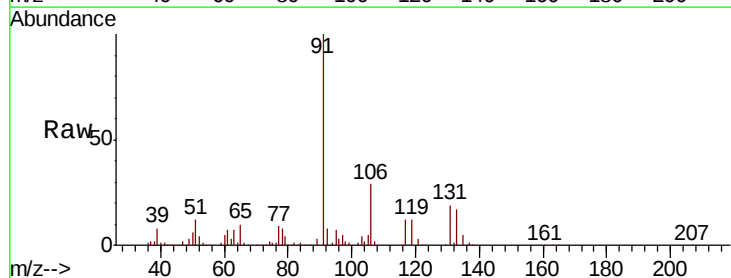
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tgt Ion:112 Resp: 109388
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.576 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion:131 Resp: 39163
Ion Ratio Lower Upper
131 100
133 92.3 47.1 141.3
119 61.4 31.8 95.3

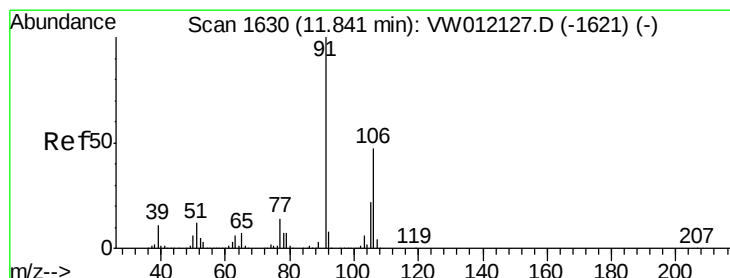
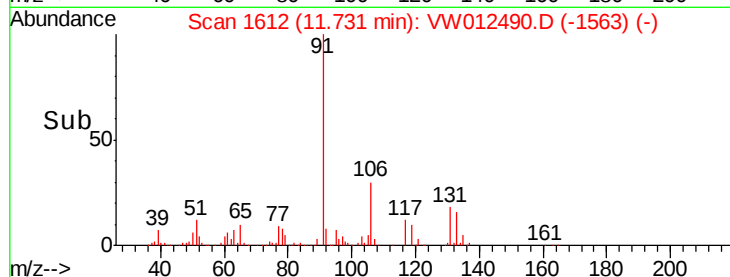
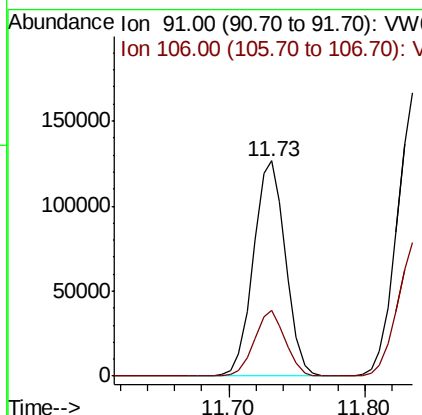
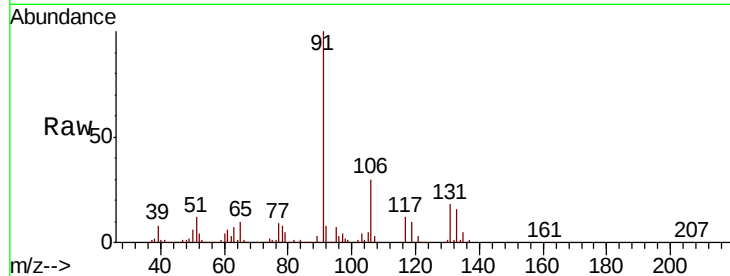




#67
Ethyl Benzene
Concen: 20.809 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

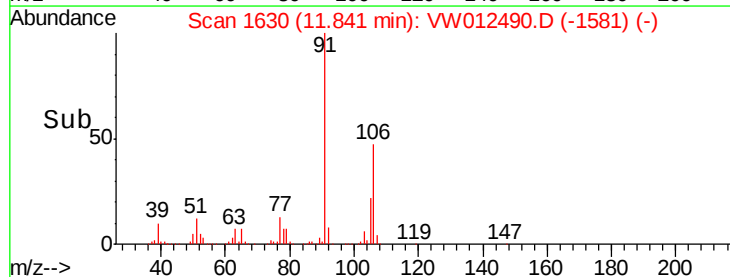
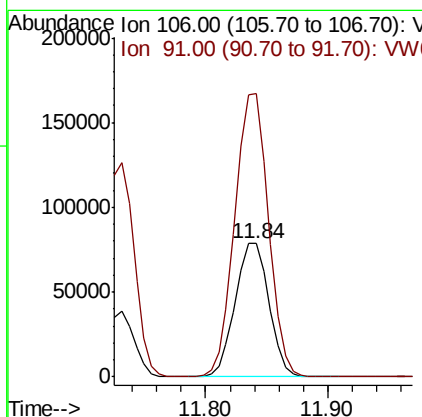
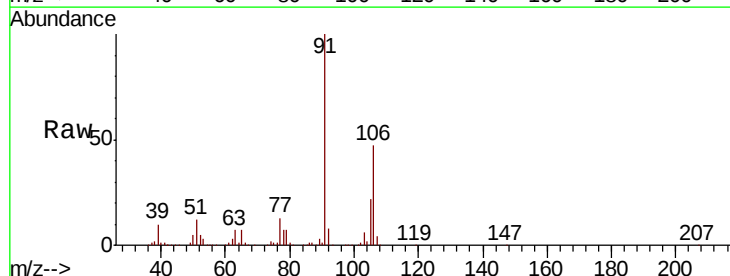
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

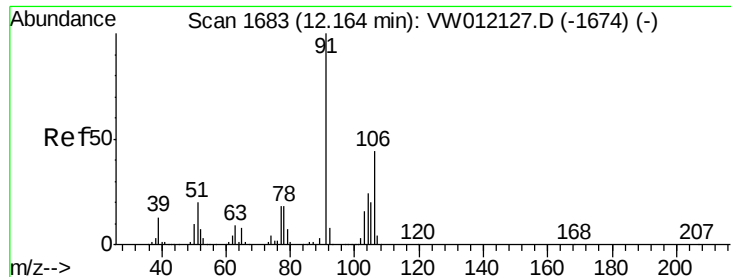
Tgt Ion: 91 Resp: 208563
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 41.790 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 106 Resp: 150872
Ion Ratio Lower Upper
106 100
91 210.8 169.5 254.3

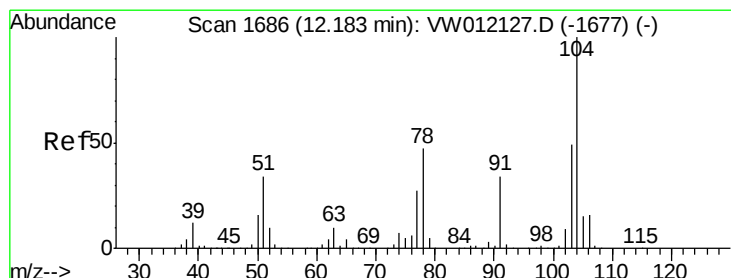
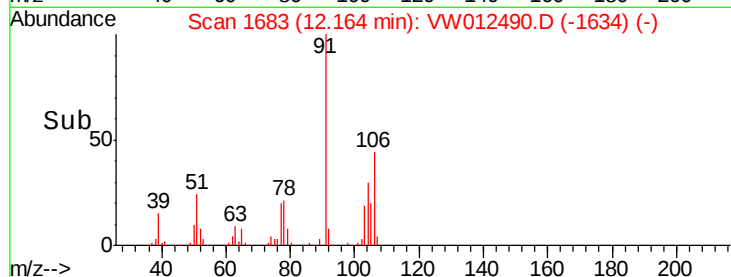
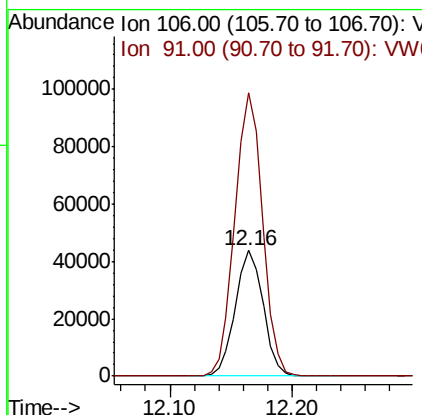
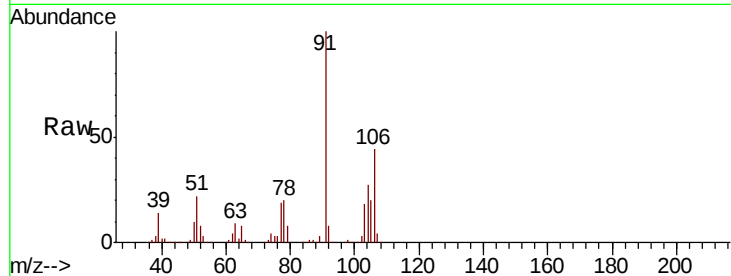




#69
o-Xylene
Concen: 20.656 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

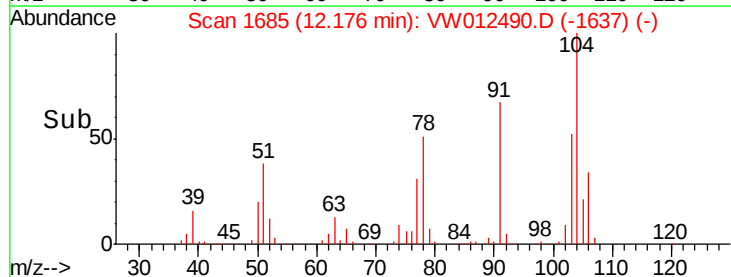
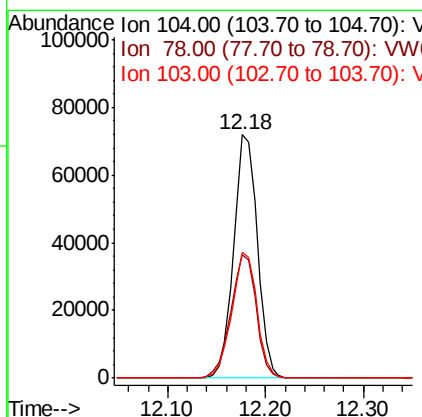
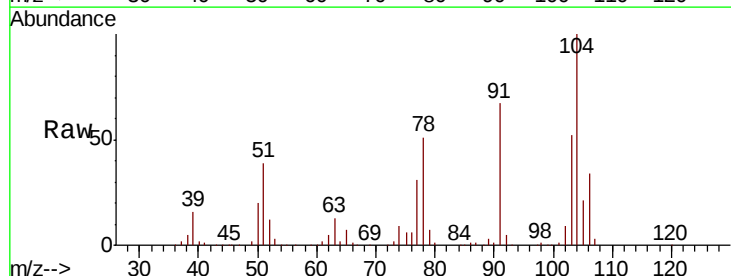
Instrument :
MSVOA_W
ClientSampled :
VW0902SBS01

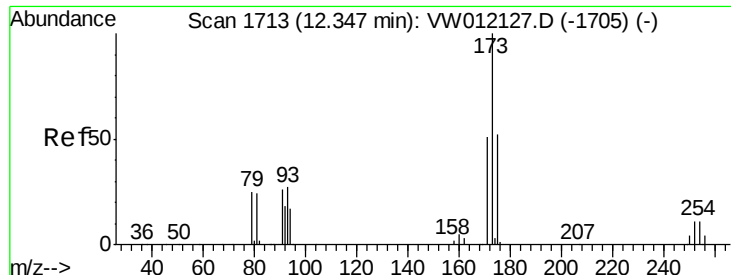
Tgt Ion:106 Resp: 69020
Ion Ratio Lower Upper
106 100
91 224.8 111.6 334.6



#70
Styrene
Concen: 20.979 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion:104 Resp: 121334
Ion Ratio Lower Upper
104 100
78 54.3 43.1 64.7
103 55.0 43.5 65.3





#71

Bromoform

Concen: 21.709 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

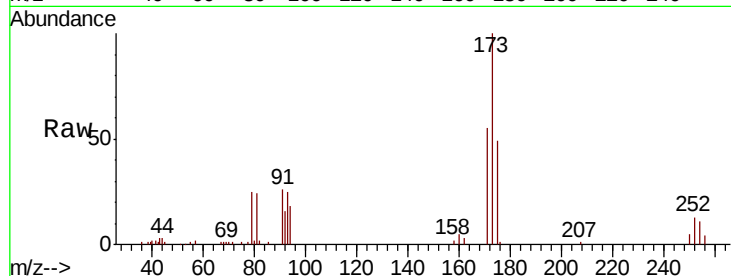
Tgt Ion:173 Resp: 19632

Ion Ratio Lower Upper

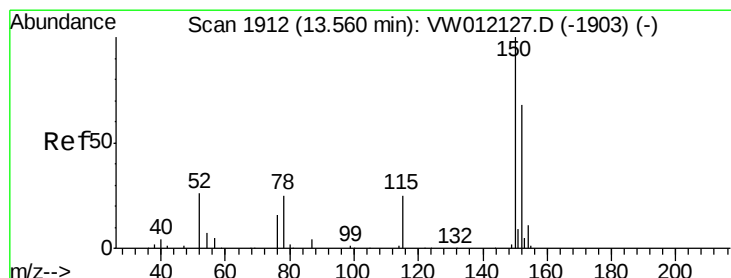
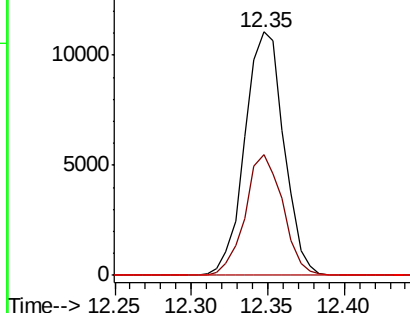
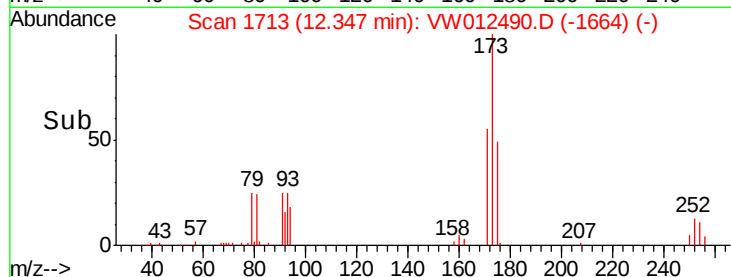
173 100

175 47.7 24.6 74.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

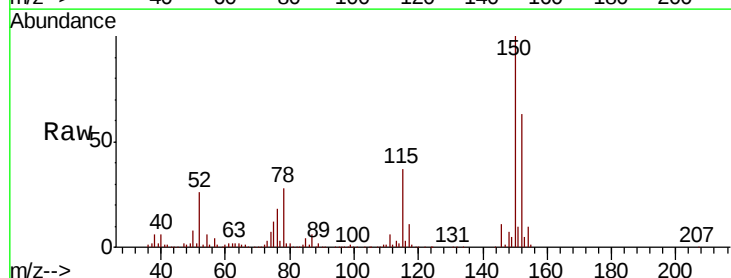
Tgt Ion:152 Resp: 127658

Ion Ratio Lower Upper

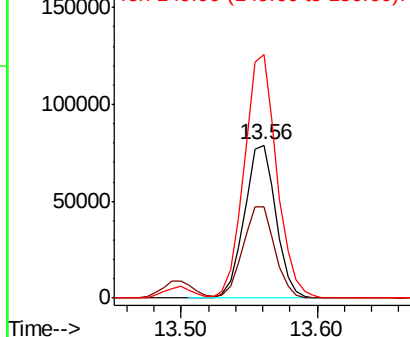
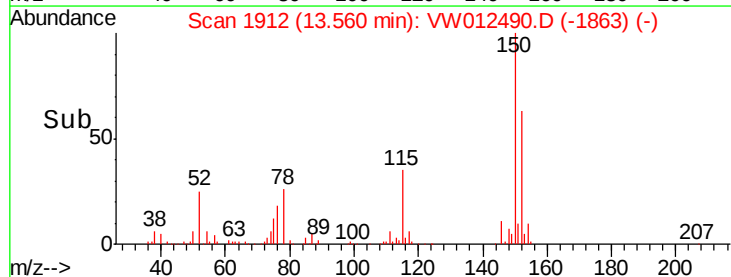
152 100

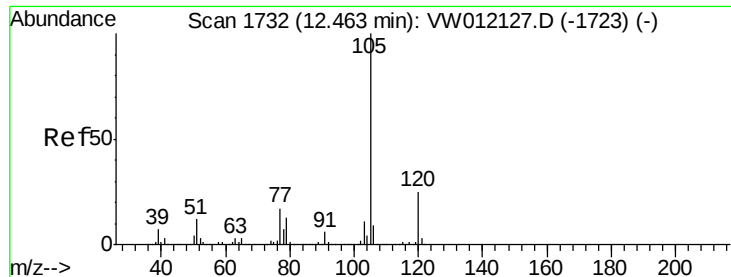
115 60.4 30.1 90.3

150 164.4 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.896 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampled :

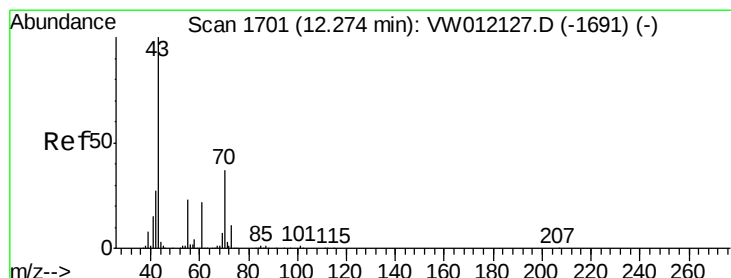
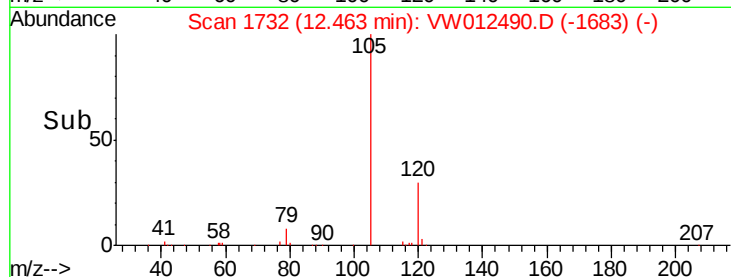
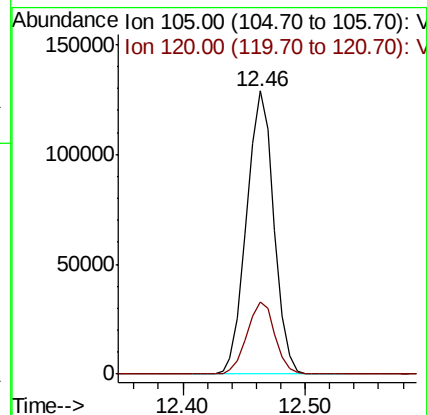
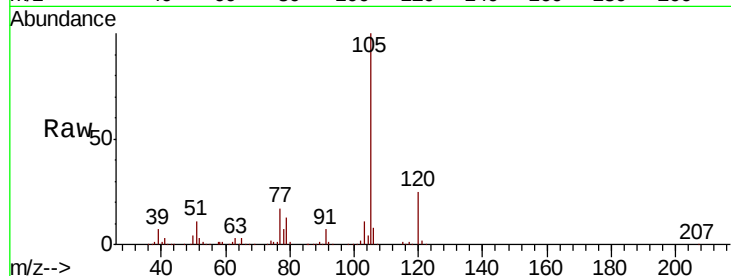
VW0902SBS01

Tgt Ion:105 Resp: 199880

Ion Ratio Lower Upper

105 100

120 25.8 12.5 37.5



#74

N-ethyl acetate

Concen: 20.058 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion: 43 Resp: 57967

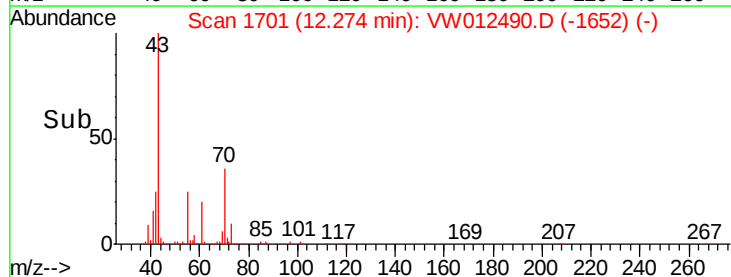
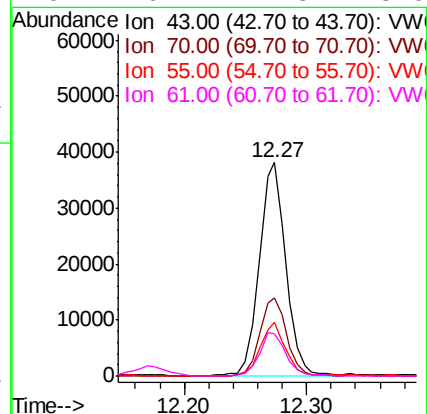
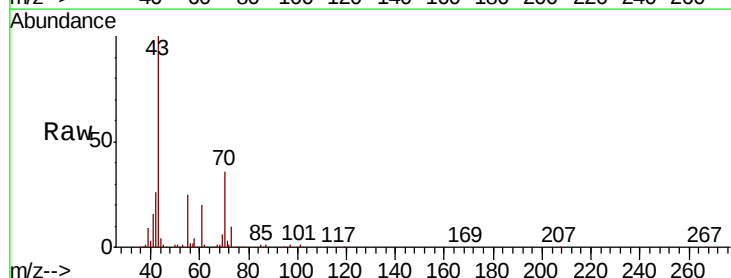
Ion Ratio Lower Upper

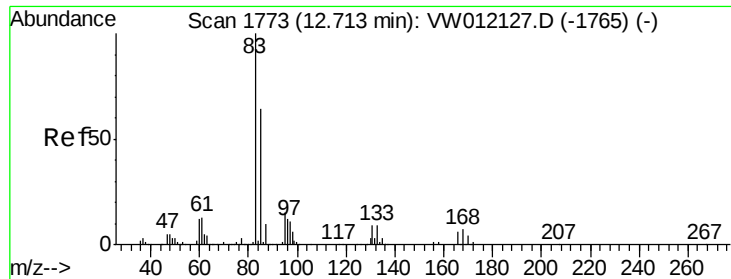
43 100

70 37.0 28.6 43.0

55 23.4 17.8 26.6

61 20.4 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.836 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

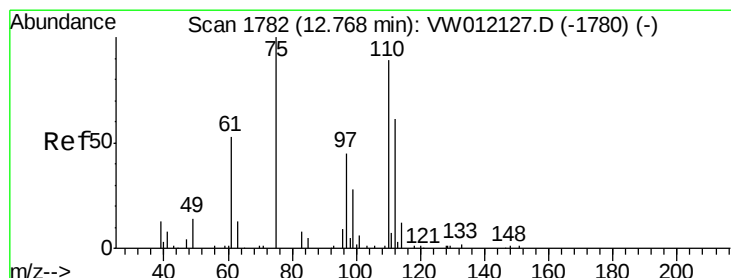
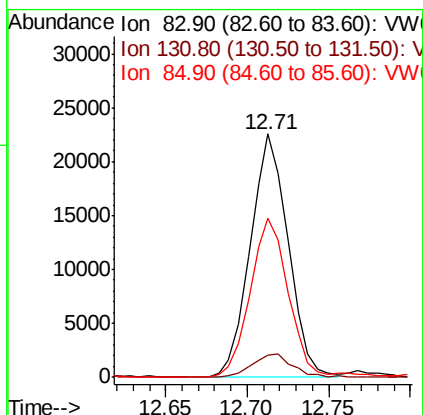
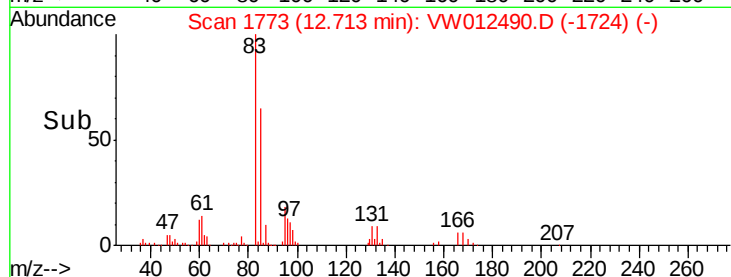
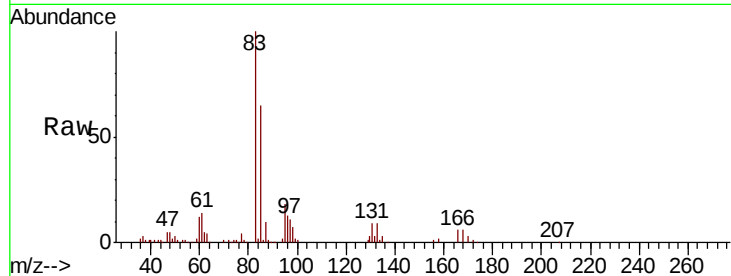
Tgt Ion: 83 Resp: 36540

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

85 65.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 38.212 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012490.D

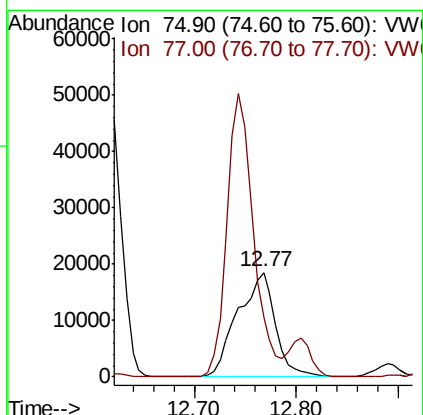
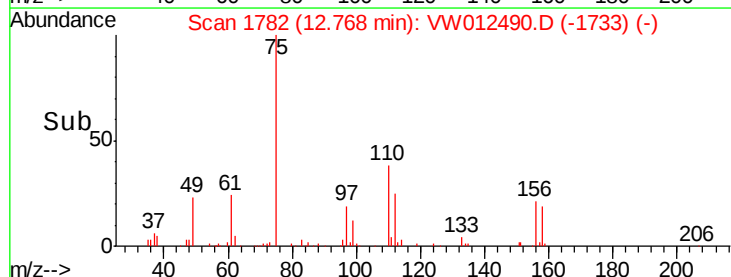
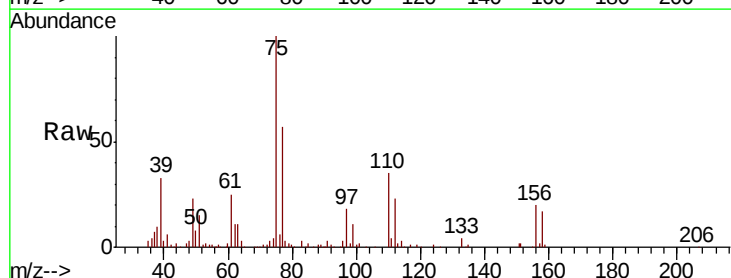
Acq: 02 Sep 2019 11:24

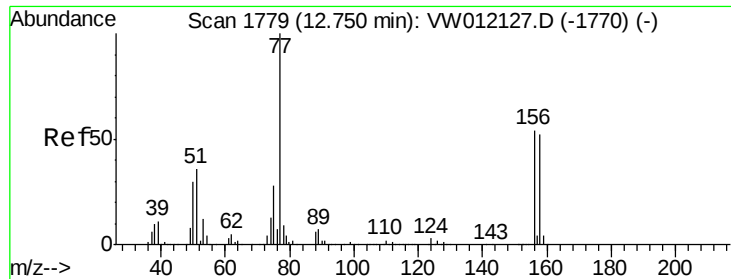
Tgt Ion: 75 Resp: 47509

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

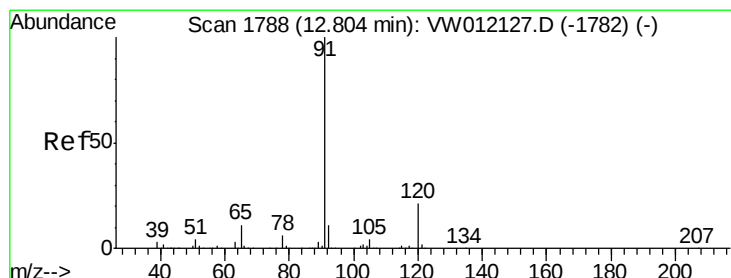
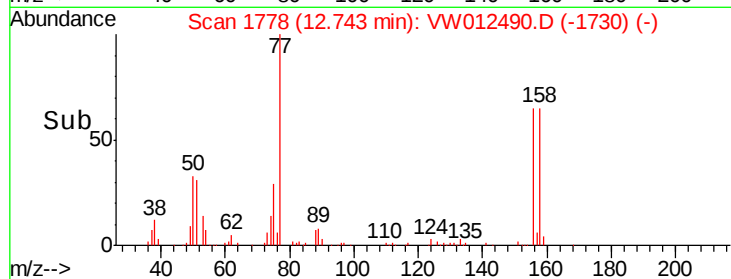
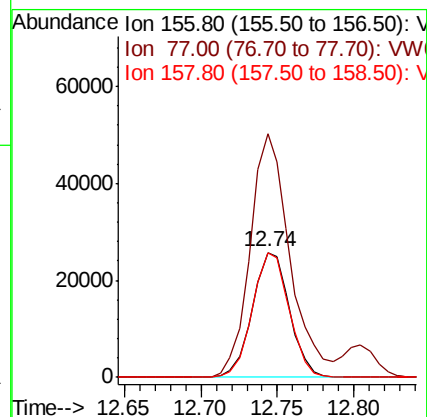
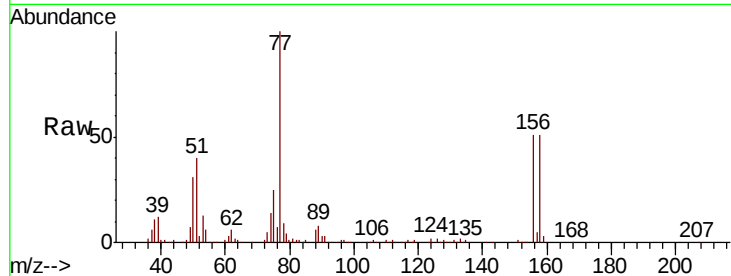




#77
Bromobenzene
Concen: 20.854 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

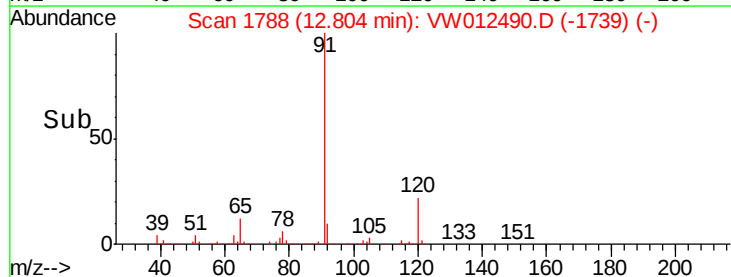
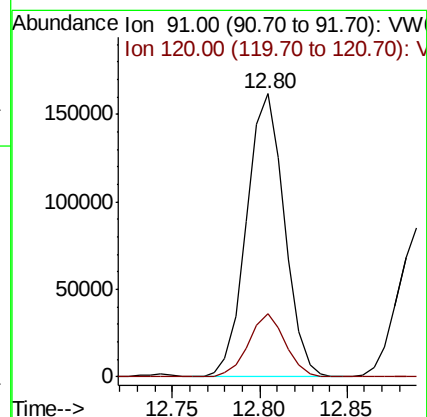
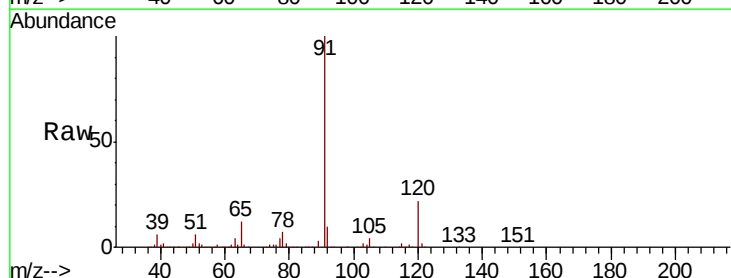
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

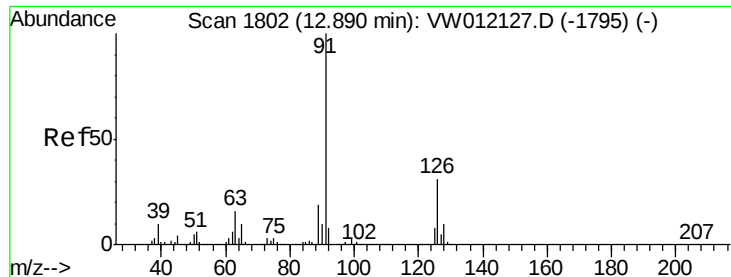
Tgt Ion:156 Resp: 43156
Ion Ratio Lower Upper
156 100
77 210.6 107.3 321.8
158 98.8 49.0 147.0



#78
n-propylbenzene
Concen: 20.940 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 91 Resp: 244524
Ion Ratio Lower Upper
91 100
120 21.7 10.5 31.6





#79

2-Chlorotoluene

Concen: 20.825 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

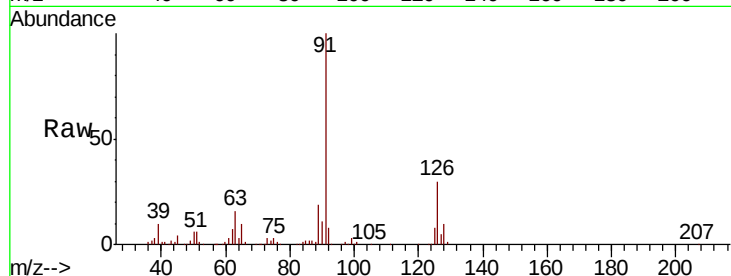
VW0902SBS01

Tgt Ion: 91 Resp: 138067

Ion Ratio Lower Upper

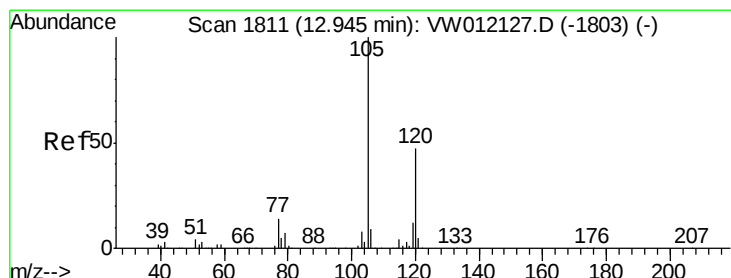
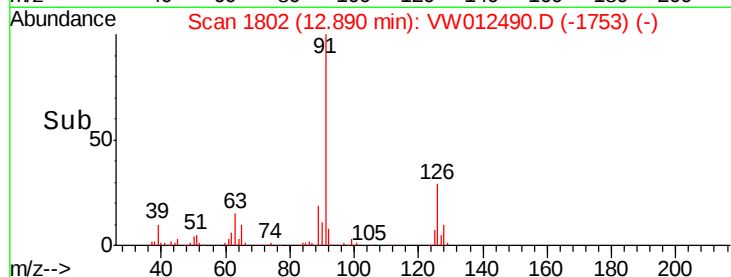
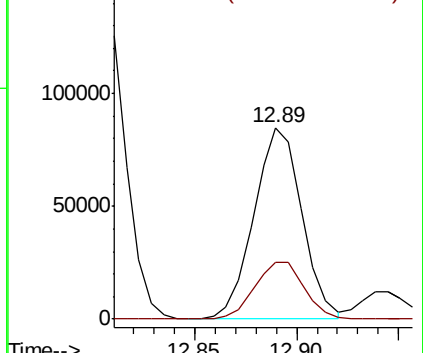
91 100

126 31.0 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.982 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012490.D

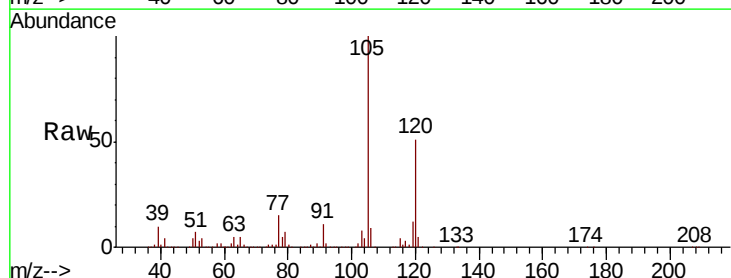
Acq: 02 Sep 2019 11:24

Tgt Ion: 105 Resp: 167710

Ion Ratio Lower Upper

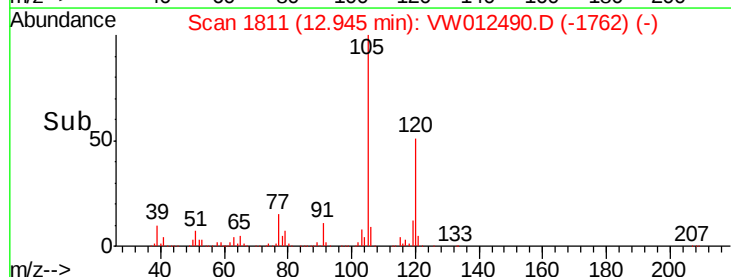
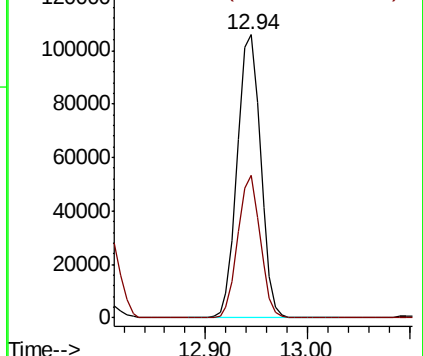
105 100

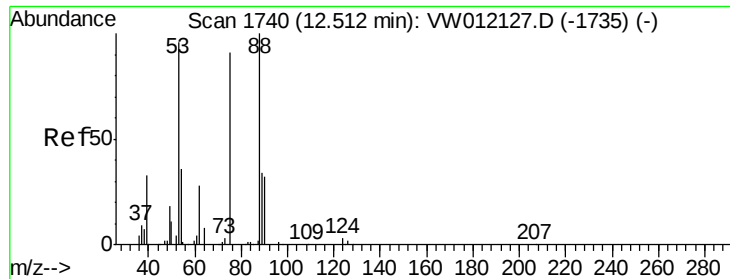
120 48.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.012 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

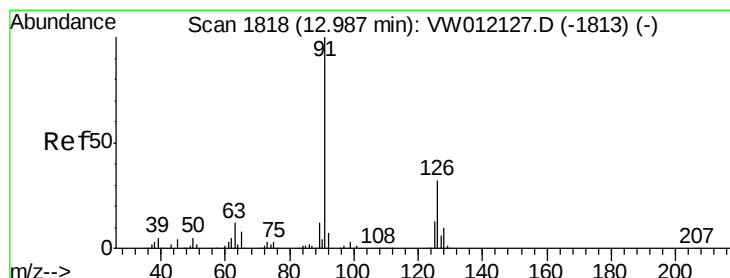
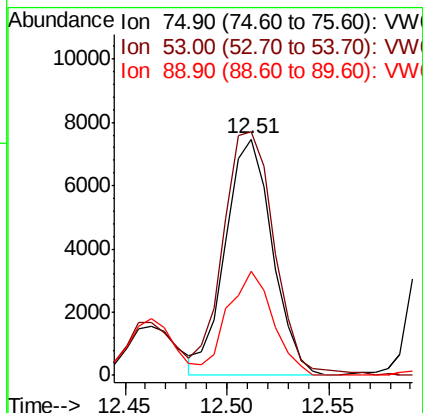
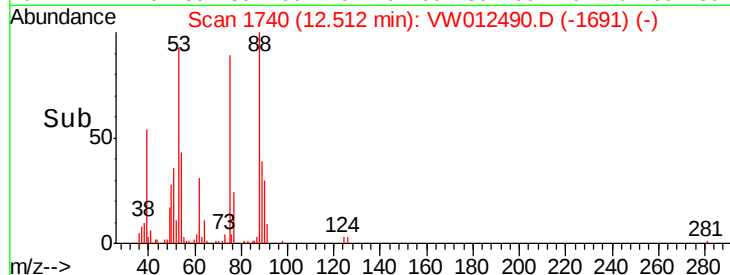
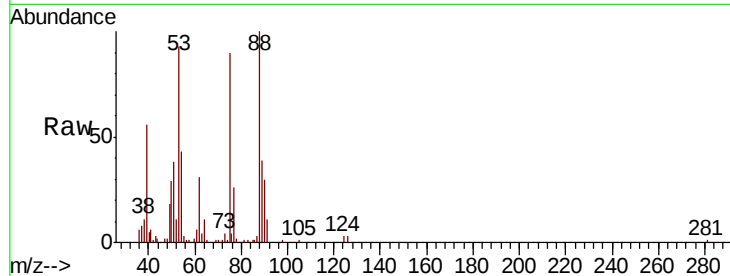
Tgt Ion: 75 Resp: 11915

Ion Ratio Lower Upper

75 100

53 112.8 89.4 134.0

89 42.3 34.5 51.7



#82

4-Chlorotoluene

Concen: 21.186 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012490.D

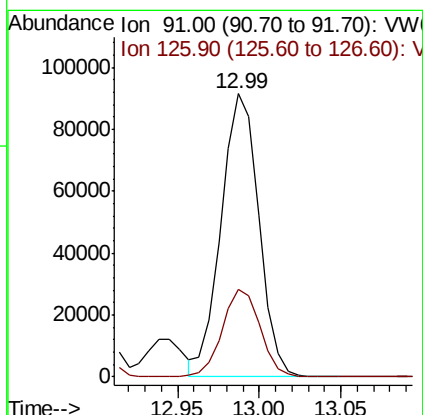
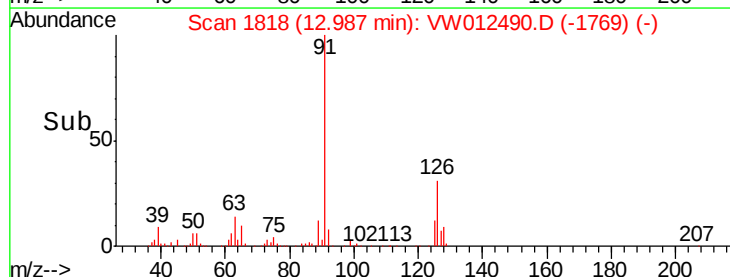
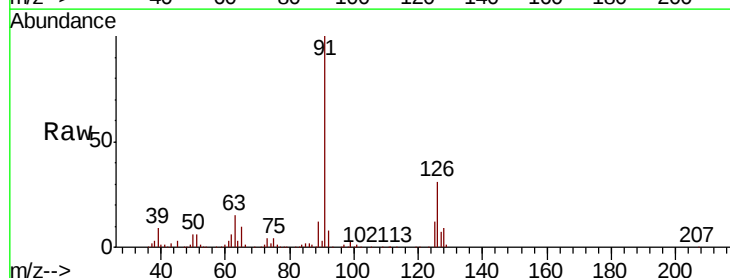
Acq: 02 Sep 2019 11:24

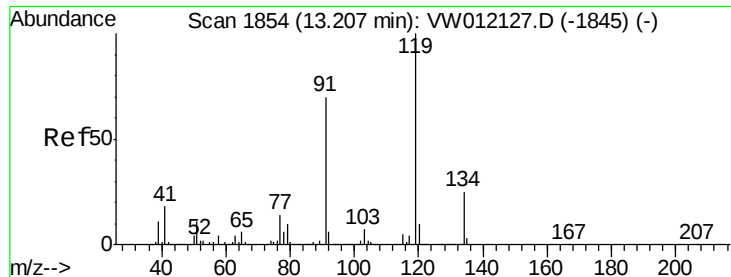
Tgt Ion: 91 Resp: 147076

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

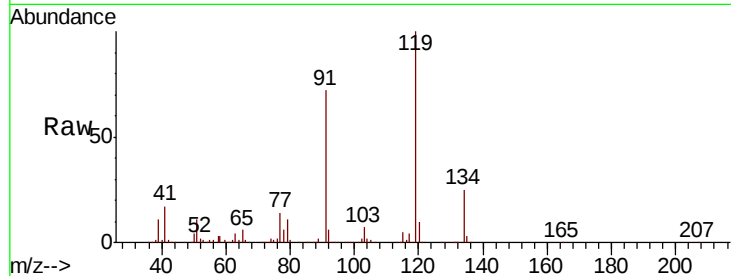




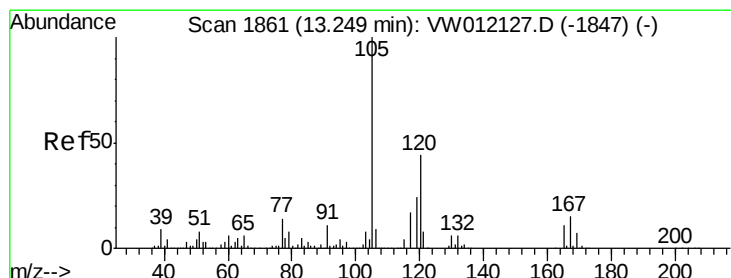
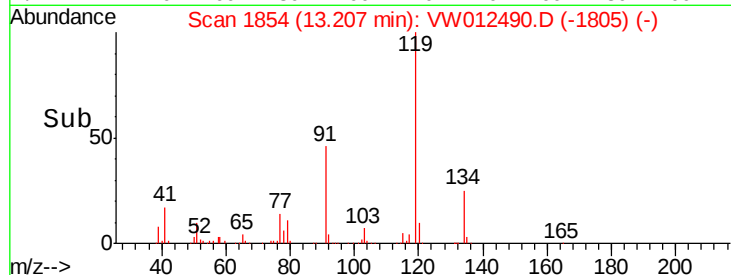
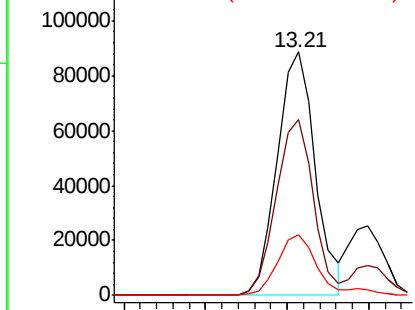
#83
tert-Butylbenzene
Concen: 21.137 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tgt Ion:119 Resp: 143114
Ion Ratio Lower Upper
119 100
91 70.8 34.8 104.3
134 25.0 13.3 39.8

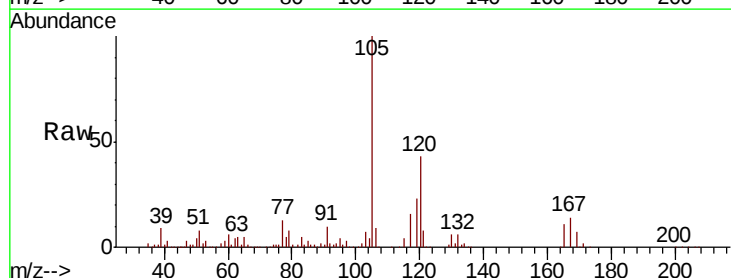


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

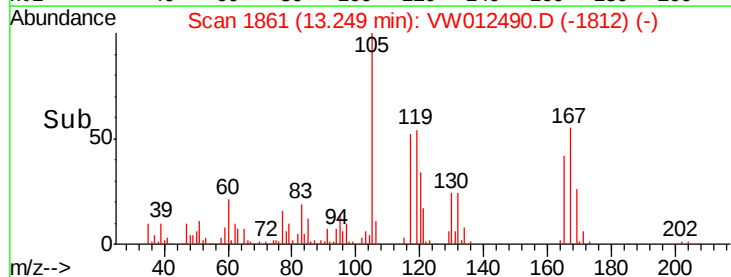
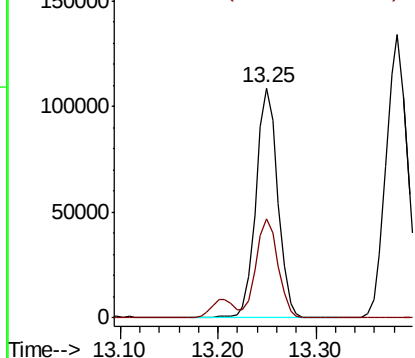


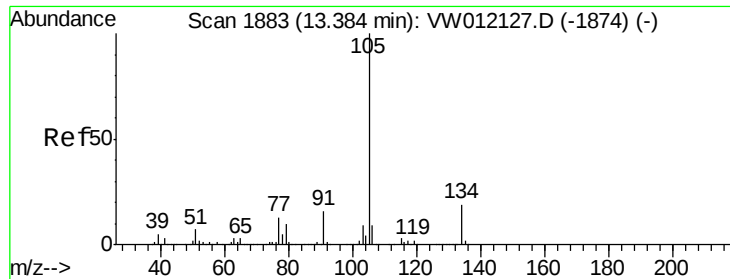
#84
1,2,4-Trimethylbenzene
Concen: 20.908 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion:105 Resp: 167877
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.7



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

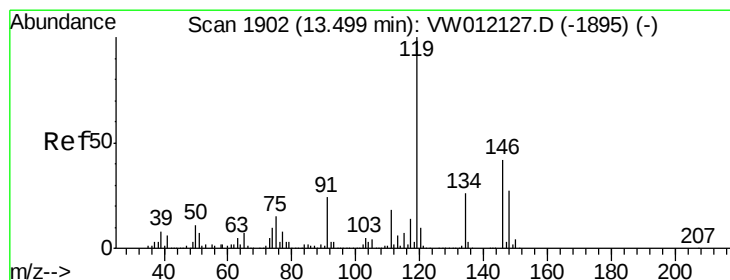
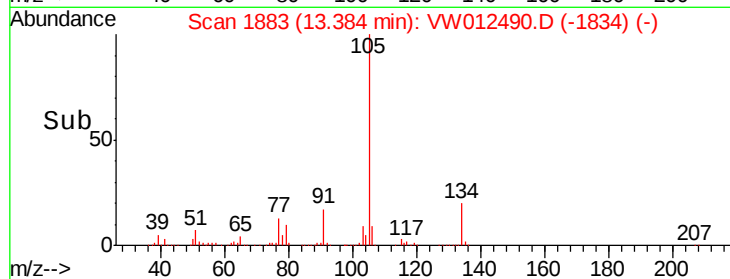
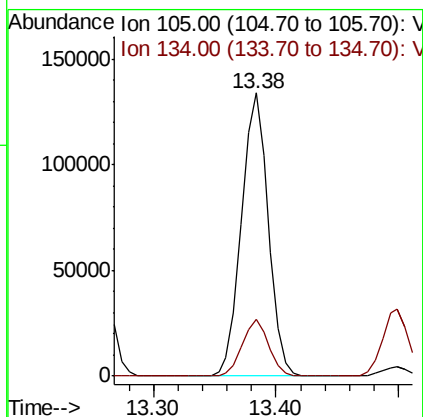
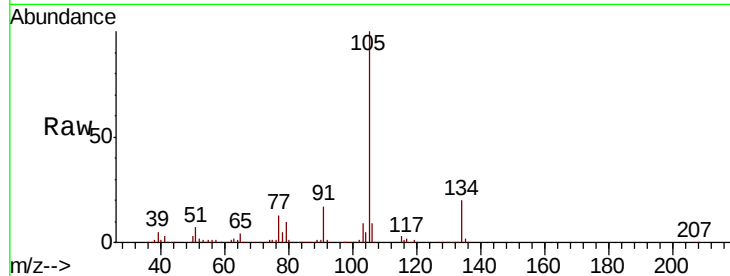




#85
 sec-Butylbenzene
 Concen: 20.979 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

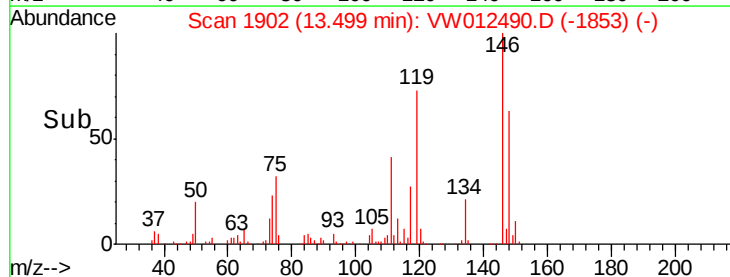
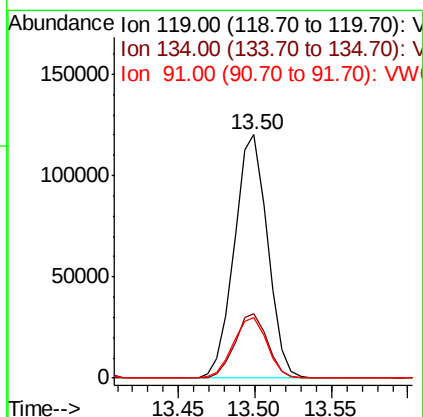
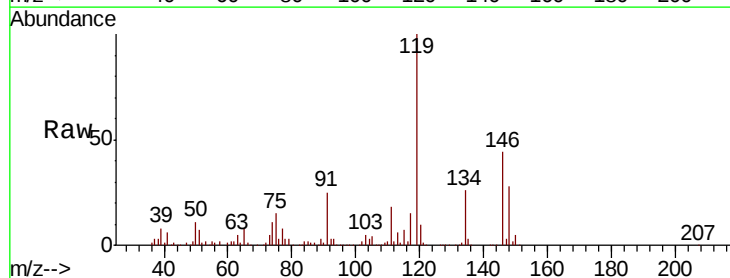
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Tgt Ion:105 Resp: 203505
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.847 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion:119 Resp: 180598
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.5 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 20.877 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

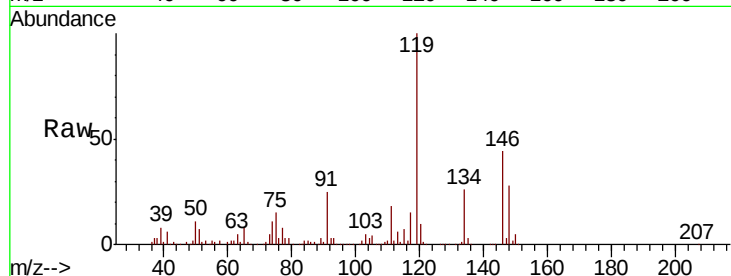
Tgt Ion:146 Resp: 84502

Ion Ratio Lower Upper

146 100

111 41.8 20.9 62.7

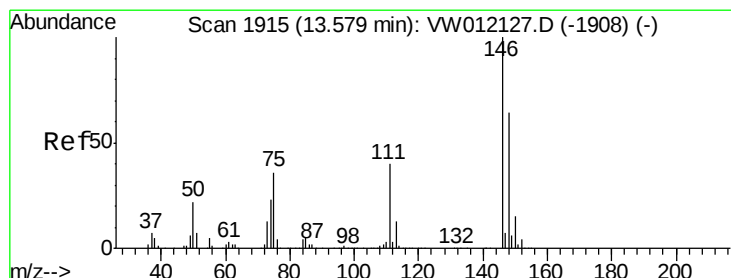
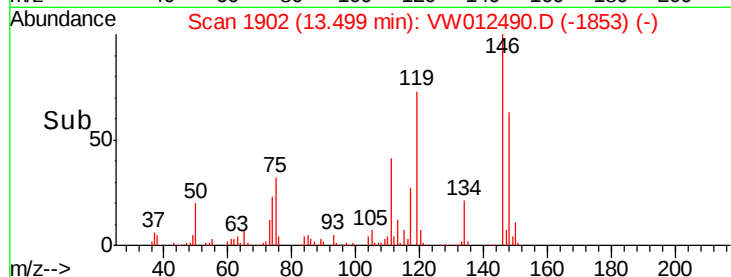
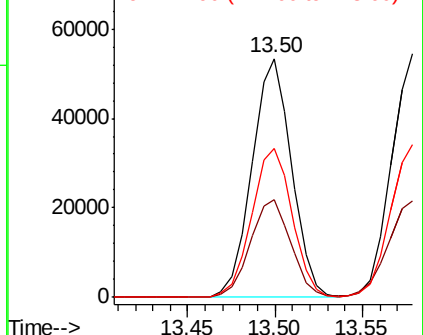
148 64.1 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 20.911 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

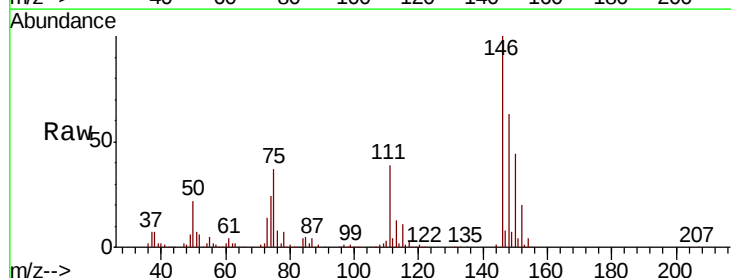
Tgt Ion:146 Resp: 84042

Ion Ratio Lower Upper

146 100

111 42.3 20.0 60.0

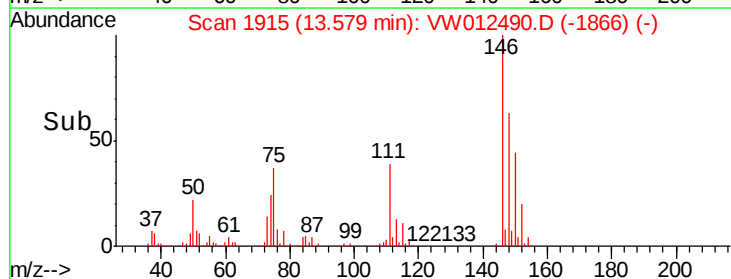
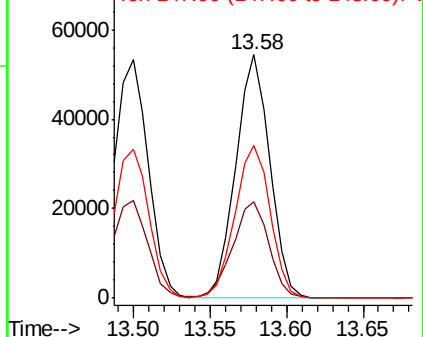
148 65.4 32.1 96.3

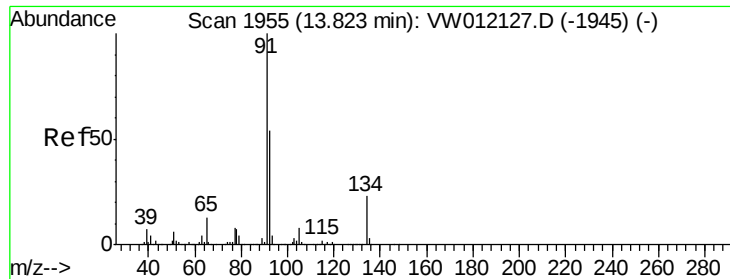


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.813 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

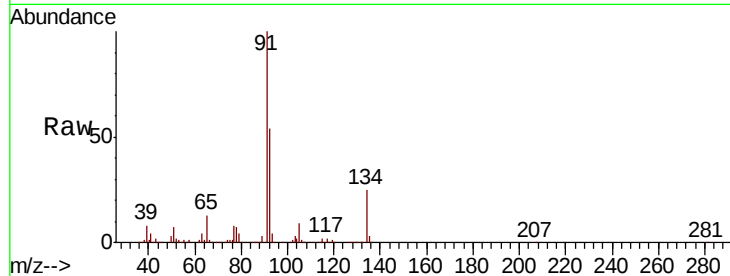
Tgt Ion: 91 Resp: 179296

Ion Ratio Lower Upper

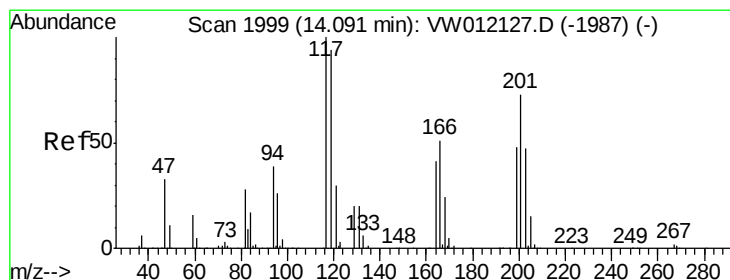
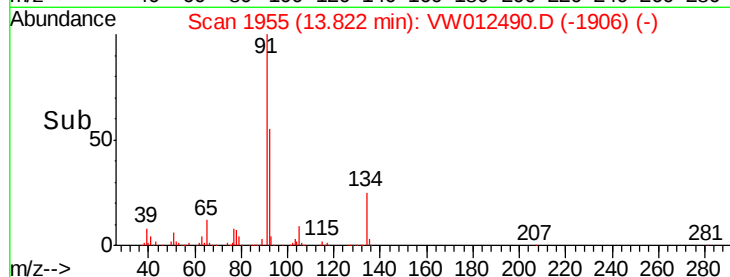
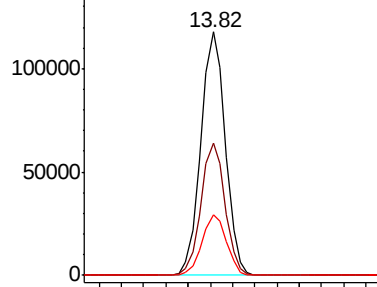
91 100

92 53.4 27.1 81.2

134 25.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.536 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012490.D

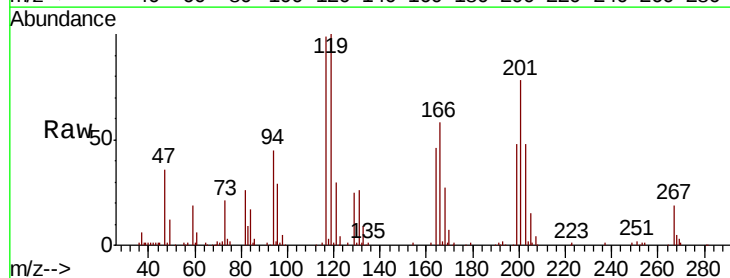
Acq: 02 Sep 2019 11:24

Tgt Ion: 117 Resp: 31212

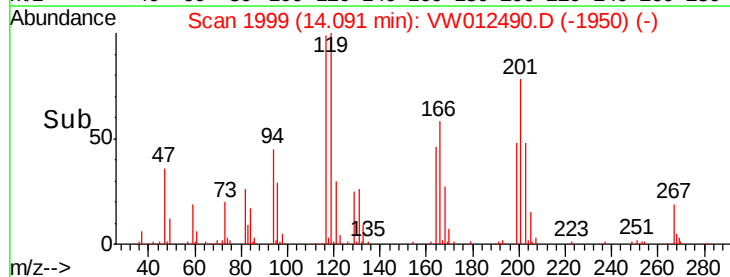
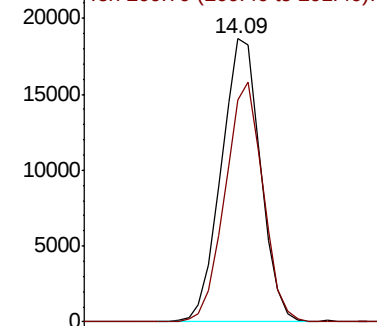
Ion Ratio Lower Upper

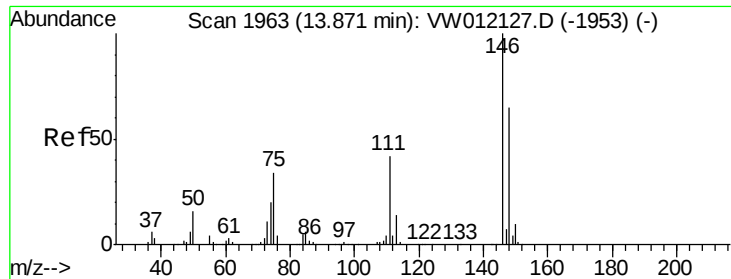
117 100

201 81.7 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

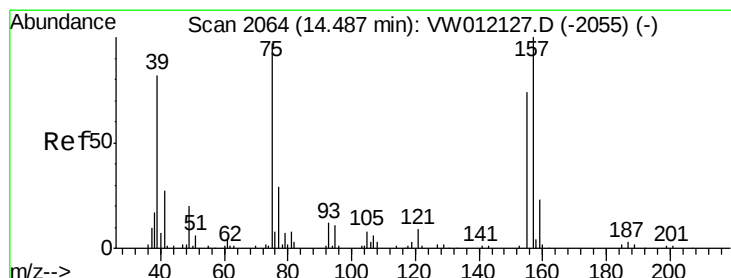
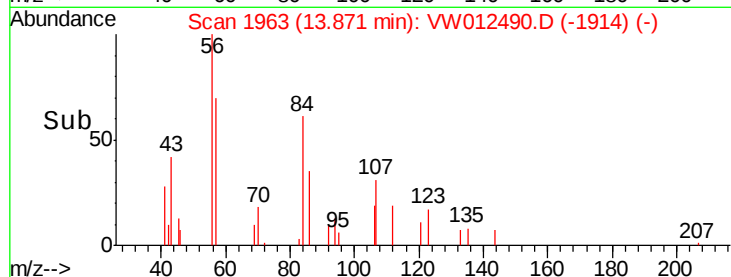
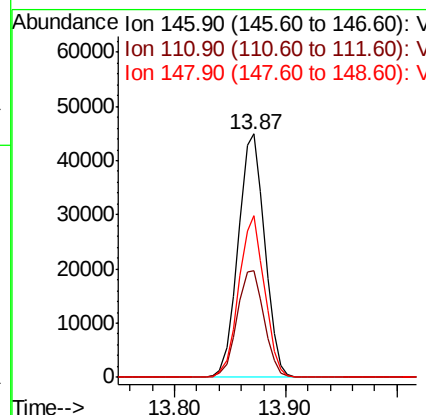
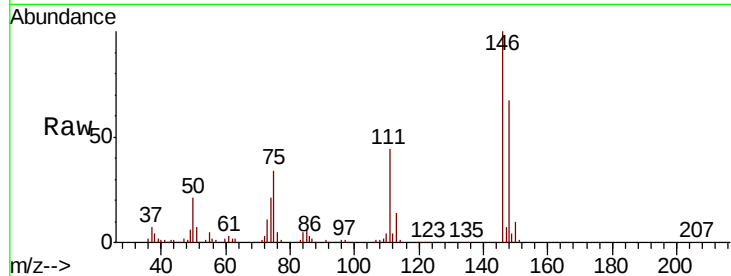




#91
 1,2-Dichlorobenzene
 Concen: 20.867 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

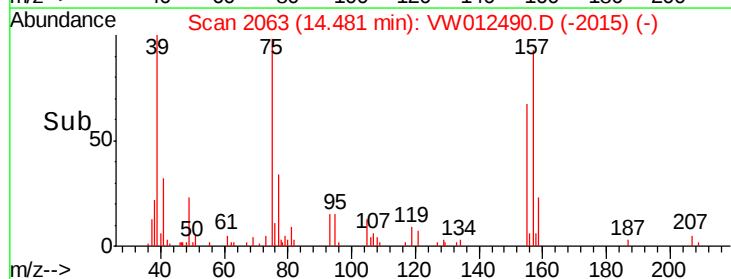
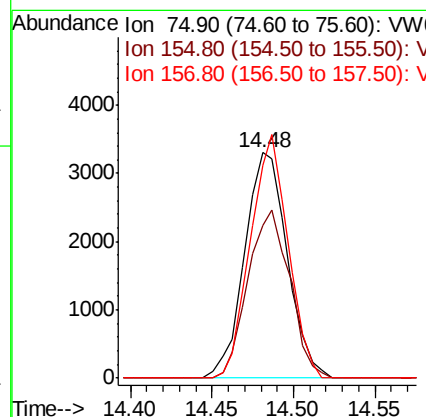
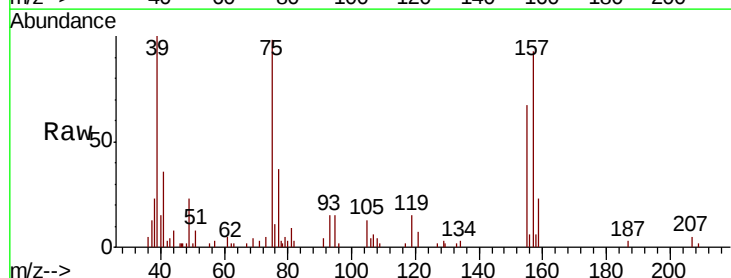
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

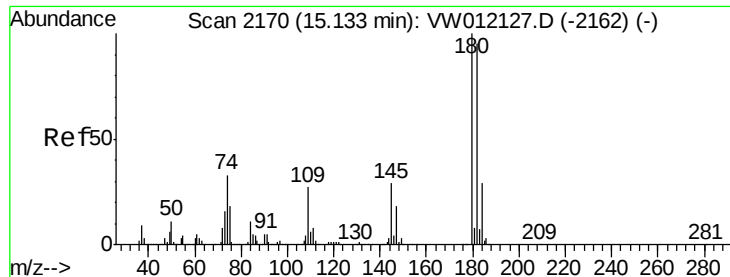
Tgt Ion: 146 Resp: 74098
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.2 63.6
 148 64.1 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.312 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 75 Resp: 6005
 Ion Ratio Lower Upper
 75 100
 155 73.2 37.5 112.3
 157 95.3 50.5 151.5

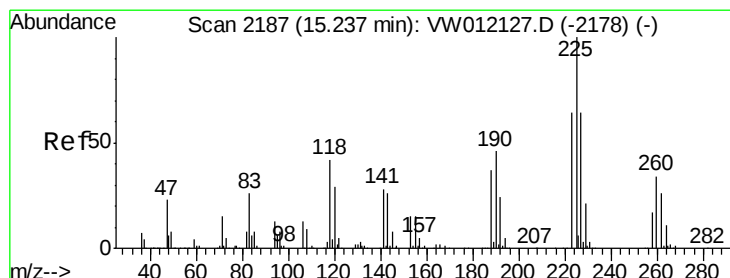
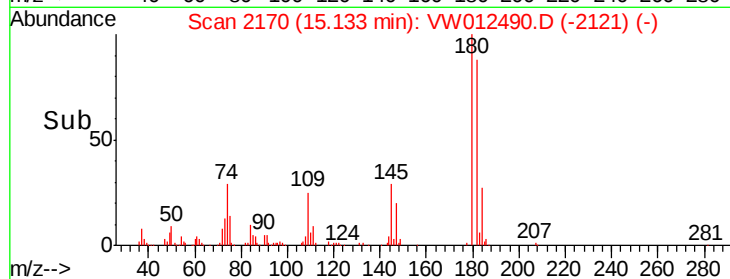
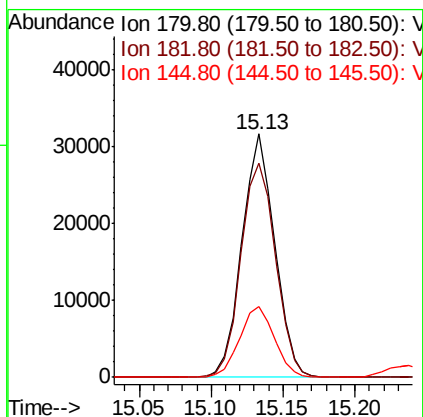
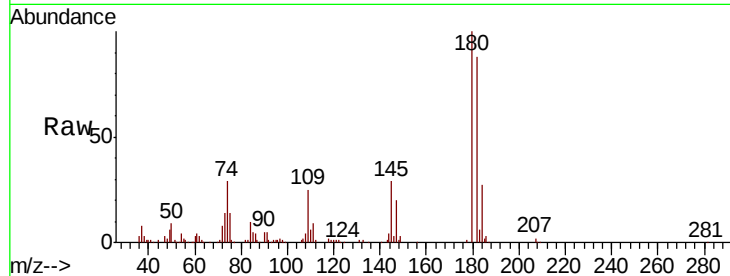




#93
 1,2,4-Trichlorobenzene
 Concen: 20.313 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

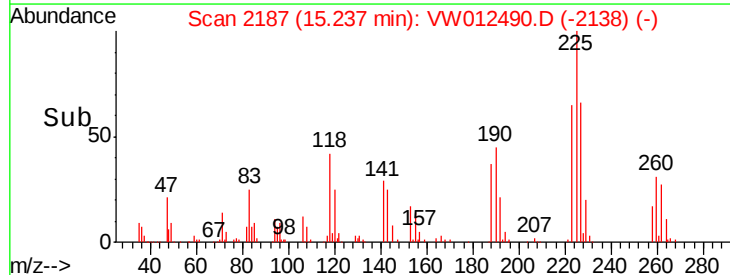
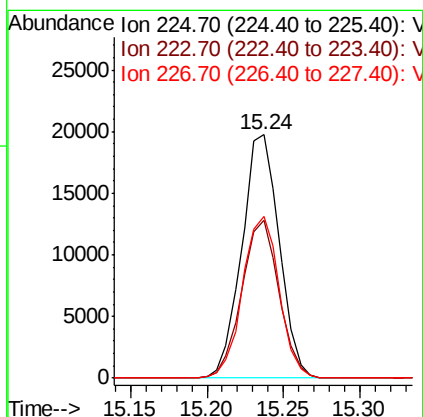
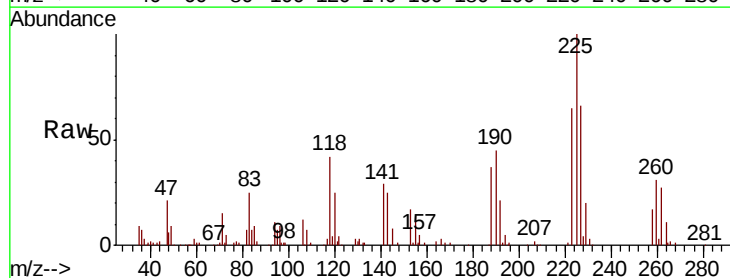
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

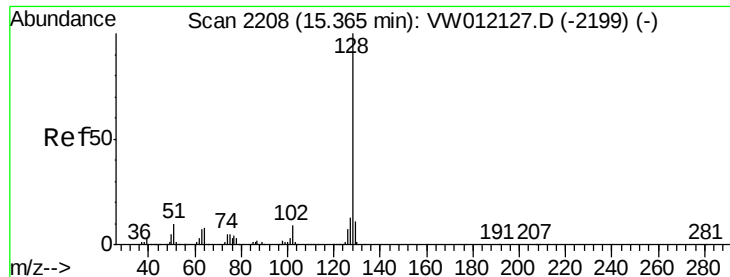
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.8	143.4
145	31.0	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 20.785 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.3	96.8
227	64.8	32.9	98.6

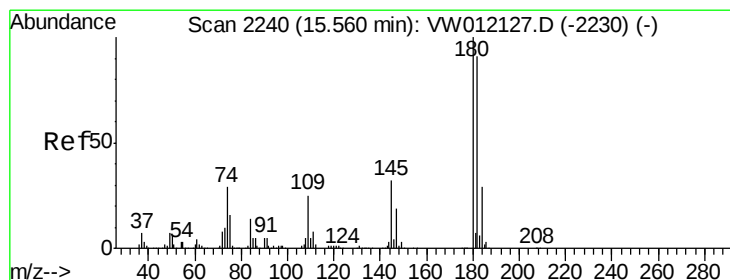
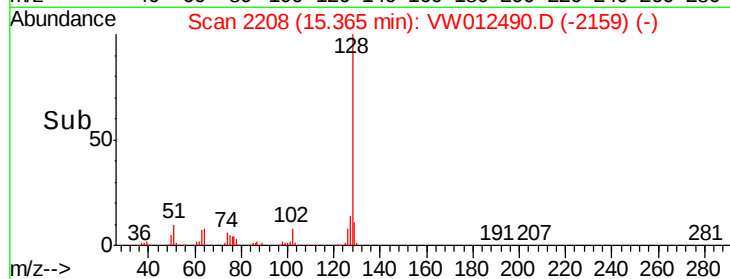
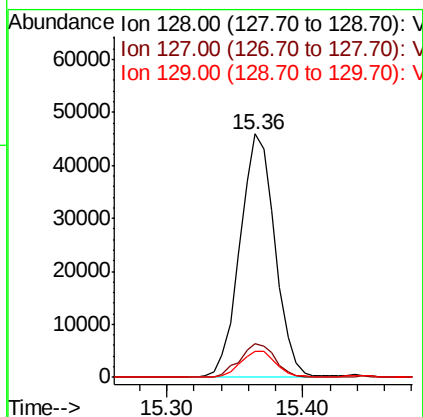
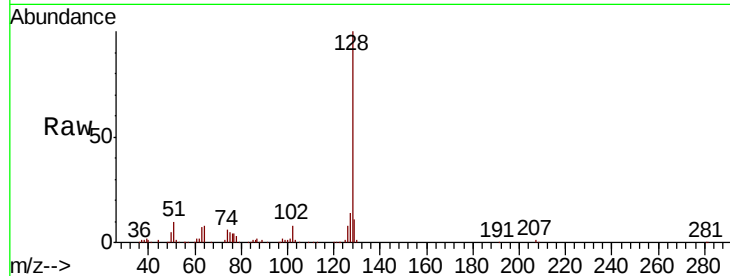




#95
Naphthalene
Concen: 19.985 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tgt Ion:128 Resp: 82560
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.558 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion:180 Resp: 41872
Ion Ratio Lower Upper
180 100
182 98.2 47.1 141.3
145 33.4 16.2 48.5

