

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090519\
 Data File : VW012659.D
 Acq On : 06 Sep 2019 00:03
 Operator : SY/VA
 Sample : VW0905SBS04
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

Quant Time: Sep 06 07:56:36 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	206763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	125408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135588	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
35) Dibromofluoromethane	7.88	113	106292	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	10.32	98	374877	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.62	95	139100	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27665	21.730	ug/l	91
3) Chloromethane	2.21	50	36472	18.491	ug/l	96
4) Vinyl Chloride	2.36	62	39709	16.448	ug/l	97
5) Bromomethane	2.77	94	22124	18.095	ug/l	95
6) Chloroethane	2.92	64	23546	17.289	ug/l	96
7) Trichlorofluoromethane	3.25	101	22084	18.218	ug/l	95
8) Diethyl Ether	3.68	74	23932	20.799	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42645	20.696	ug/l	96
10) Methyl Iodide	4.28	142	59591	21.374	ug/l	100
11) Tert butyl alcohol	5.20	59	21160	143.055	ug/l	99
12) 1,1-Dichloroethene	4.04	96	39422	19.008	ug/l	99
13) Acrolein	3.89	56	7985	57.349	ug/l	98
14) Allyl chloride	4.66	41	87201	19.668	ug/l	98
15) Acrylonitrile	5.37	53	71444	125.269	ug/l	99
16) Acetone	4.14	43	61442	97.792	ug/l	100
17) Carbon Disulfide	4.38	76	91935	14.668	ug/l	97
18) Methyl Acetate	4.67	43	41250	26.507	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	88164	26.287	ug/l	97
20) Methylene Chloride	4.91	84	52892	22.268	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	45834	20.609	ug/l	99
22) Diisopropyl ether	6.31	45	192382	23.409	ug/l	99
23) Vinyl Acetate	6.25	43	571817	113.058	ug/l	99
24) 1,1-Dichloroethane	6.21	63	99774	22.297	ug/l	100
25) 2-Butanone	7.17	43	97641	114.364	ug/l	97
26) 2,2-Dichloropropane	7.17	77	53518	21.130	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53750	22.621	ug/l	99
28) Bromochloromethane	7.51	49	42973	22.034	ug/l	89
29) Tetrahydrofuran	7.53	42	65285	127.452	ug/l	98
30) Chloroform	7.67	83	96790	23.642	ug/l	99
31) Cyclohexane	7.95	56	82638	18.666	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	73974	22.841	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68410	20.422	ug/l	99
37) Ethyl Acetate	7.26	43	46541	25.354	ug/l	98
38) Carbon Tetrachloride	8.06	117	64885	22.379	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72222	19.192	ug/l	97
40) Benzene	8.32	78	199707	21.833	ug/l	100
41) Methacrylonitrile	7.48	41	26856	24.893	ug/l	96
42) 1,2-Dichloroethane	8.40	62	71761	25.033	ug/l	99
43) Isopropyl Acetate	8.42	43	84383	24.817	ug/l	100
44) Trichloroethene	9.09	130	46098	20.732	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53315	21.658	ug/l	92
46) Dibromomethane	9.46	93	25572	23.347	ug/l	96
47) Bromodichloromethane	9.65	83	64484	22.121	ug/l	97
48) Methyl methacrylate	9.43	41	38919	24.049	ug/l	96
49) 1,4-Dioxane	9.46	88	8670	517.073	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	212845	123.072	ug/l	100
52) Toluene	10.38	92	116490	21.200	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	66957	22.550	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	76411	21.313	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	38868	25.081	ug/l	96
56) Ethyl methacrylate	10.65	69	53735	23.825	ug/l	99
57) 1,3-Dichloropropane	10.93	76	68373	23.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	133319	115.176	ug/l	98
59) 2-Hexanone	10.97	43	142912	116.788	ug/l	100
60) Dibromochloromethane	11.13	129	41430	24.002	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33632	23.295	ug/l	99
64) Tetrachloroethene	10.86	164	38750	21.724	ug/l	98
65) Chlorobenzene	11.66	112	121805	22.484	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45800	24.234	ug/l	99
67) Ethyl Benzene	11.73	91	226887	21.741	ug/l	99
68) m/p-Xylenes	11.84	106	167518	44.564	ug/l	100
69) o-Xylene	12.16	106	78537	22.574	ug/l	99
70) Styrene	12.18	104	137629	22.854	ug/l	100
71) Bromoform	12.35	173	24041	25.532	ug/l #	100
73) Isopropylbenzene	12.46	105	220419	23.456	ug/l	100
74) N-amyl acetate	12.27	43	66586	23.453	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44173	25.641	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	59796	48.958	ug/l #	100
77) Bromobenzene	12.74	156	51566	25.365	ug/l	95
78) n-propylbenzene	12.80	91	249332	21.734	ug/l	98
79) 2-Chlorotoluene	12.89	91	154315	23.693	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	191156	24.345	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13278	23.836	ug/l	96
82) 4-Chlorotoluene	12.99	91	164088	24.061	ug/l	98
83) tert-Butylbenzene	13.21	119	162793	24.475	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	191984	24.340	ug/l	99
85) sec-Butylbenzene	13.38	105	228726	24.002	ug/l	100
86) p-Isopropyltoluene	13.50	119	186997	21.973	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	91469	23.003	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	89828	22.751	ug/l	100
89) n-Butylbenzene	13.82	91	172530	20.387	ug/l	99
90) Hexachloroethane	14.09	117	33030	22.122	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	81751	23.436	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6987	24.058	ug/l	97

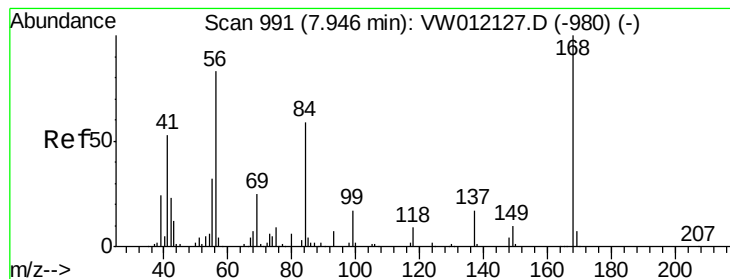
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56348	23.375	ug/l	99
94) Hexachlorobutadiene	15.24	225	37348	23.464	ug/l	97
95) Naphthalene	15.36	128	101481	23.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	50680	24.096	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

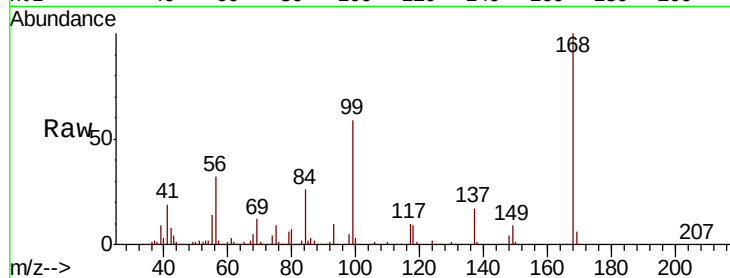
VW0905SBS04

Tgt Ion:168 Resp: 206763

Ion Ratio Lower Upper

168 100

99 59.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

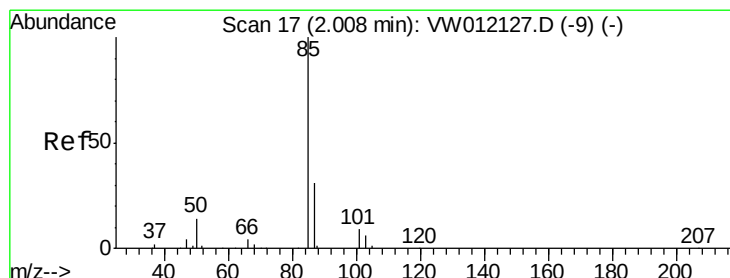
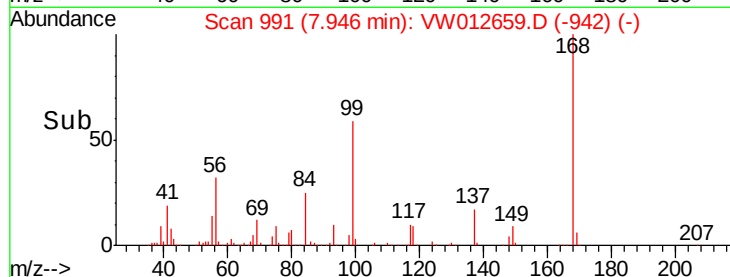
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 21.730 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012659.D

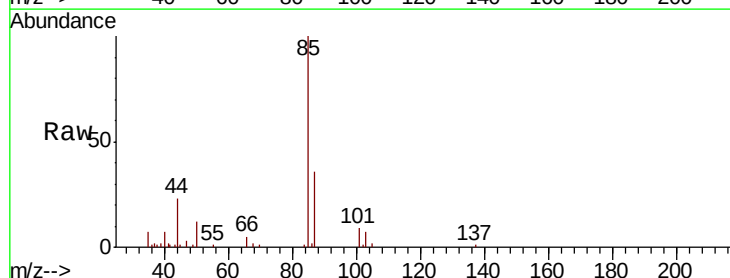
Acq: 06 Sep 2019 00:03

Tgt Ion: 85 Resp: 27665

Ion Ratio Lower Upper

85 100

87 36.2 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

10000

8000

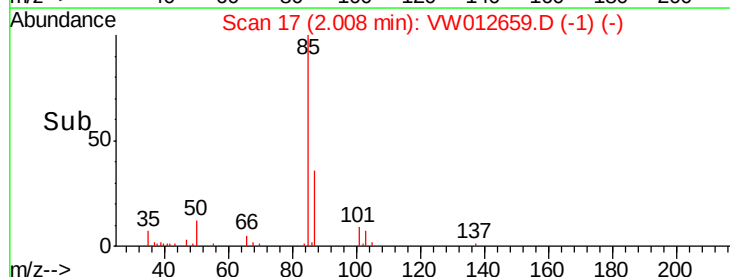
6000

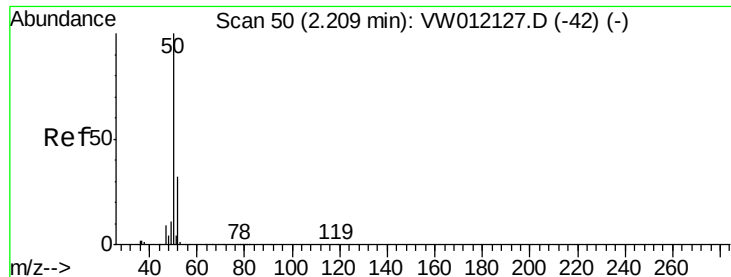
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 18.491 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

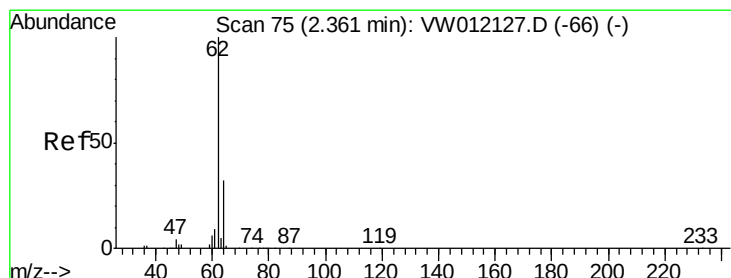
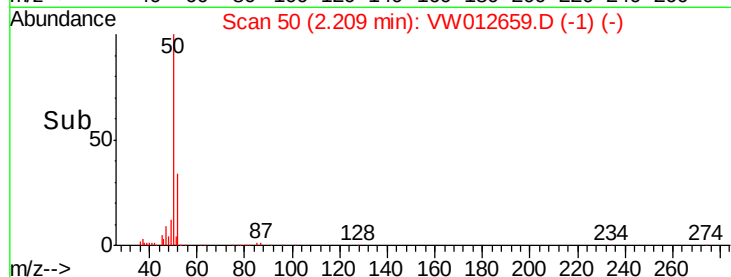
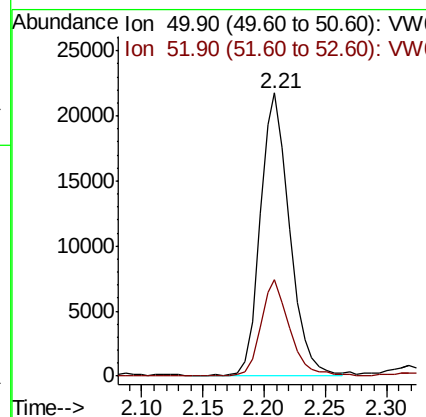
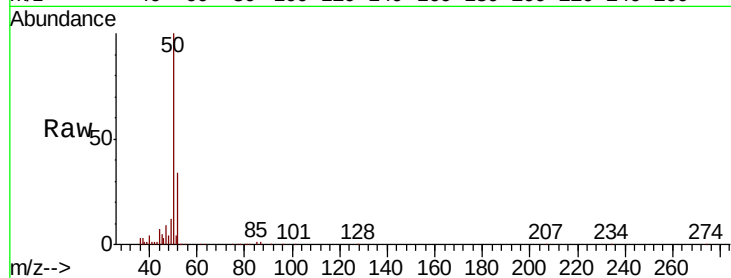
VW0905SBS04

Tgt Ion: 50 Resp: 36472

Ion Ratio Lower Upper

50 100

52 34.0 25.5 38.3



#4

Vinyl Chloride

Concen: 16.448 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012659.D

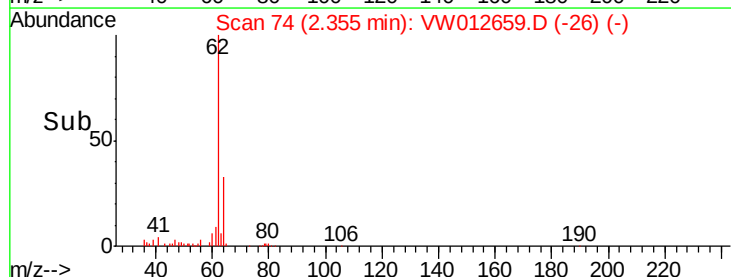
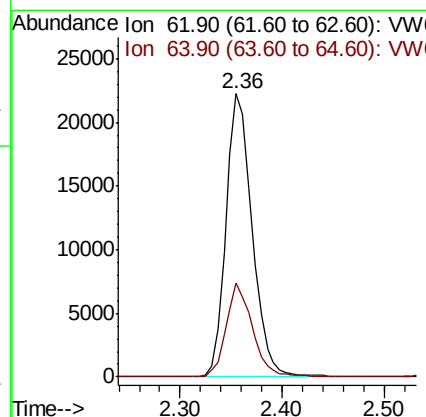
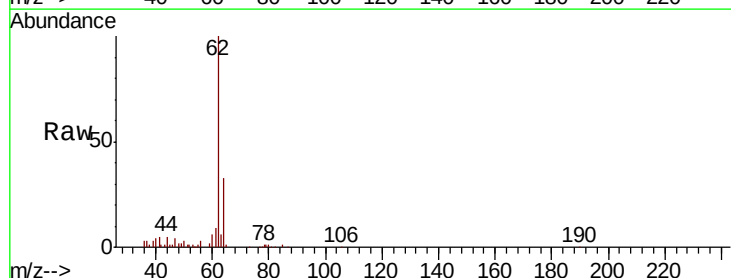
Acq: 06 Sep 2019 00:03

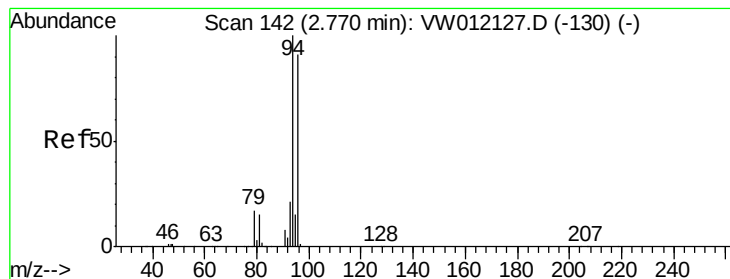
Tgt Ion: 62 Resp: 39709

Ion Ratio Lower Upper

62 100

64 33.4 25.3 37.9





#5

Bromomethane

Concen: 18.095 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

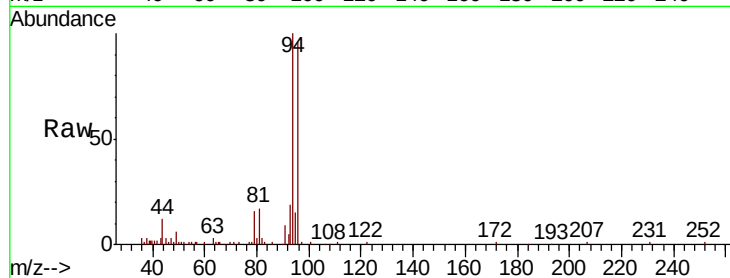
VW0905SBS04

Tgt Ion: 94 Resp: 22124

Ion Ratio Lower Upper

94 100

96 95.6 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

12000

10000

8000

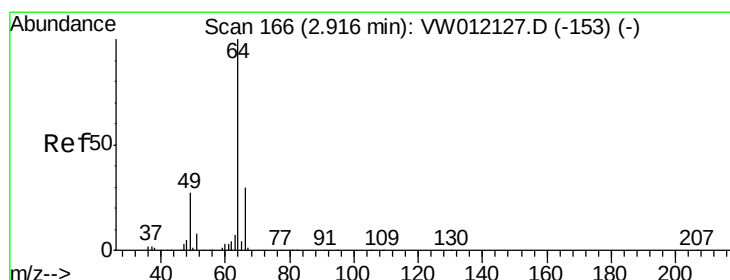
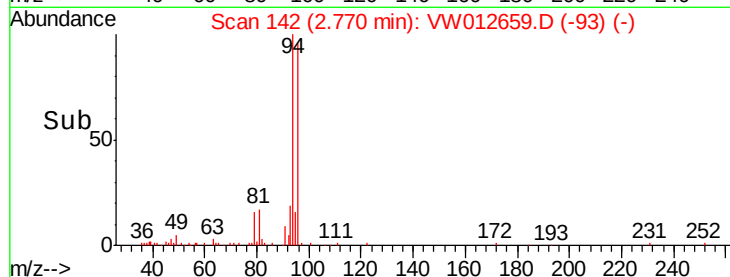
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 17.289 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW012659.D

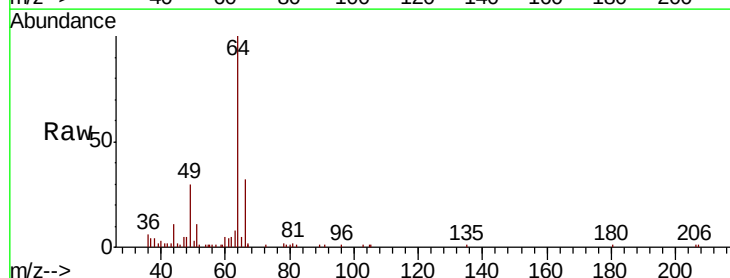
Acq: 06 Sep 2019 00:03

Tgt Ion: 64 Resp: 23546

Ion Ratio Lower Upper

64 100

66 31.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

10000

8000

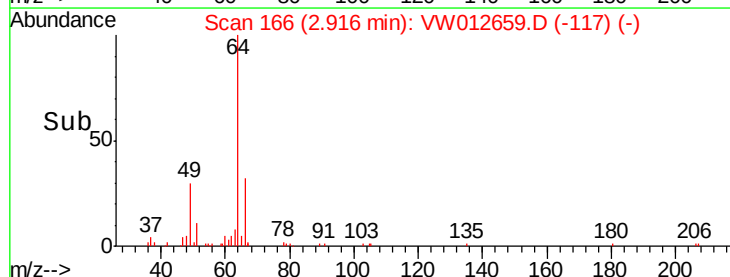
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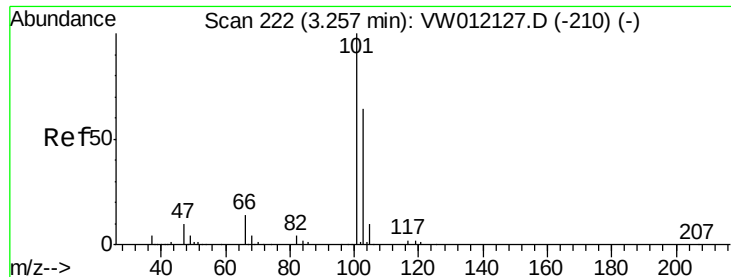
4000

2000

0

Time-->



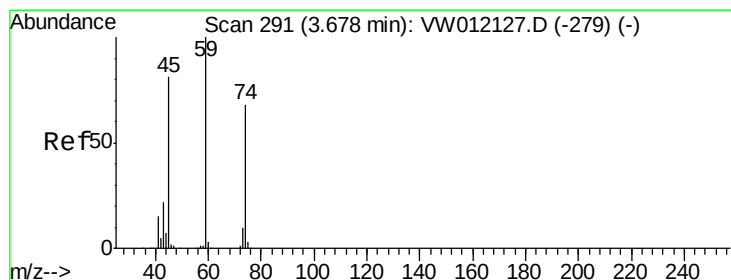
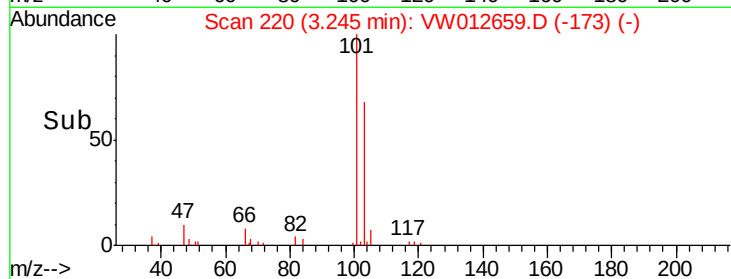
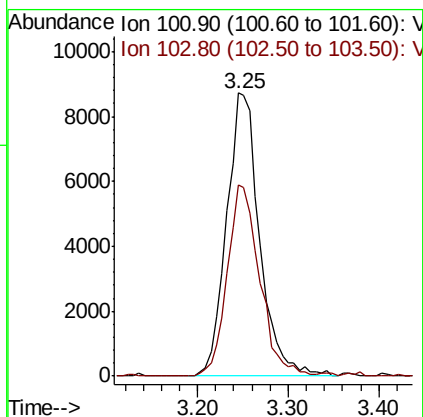
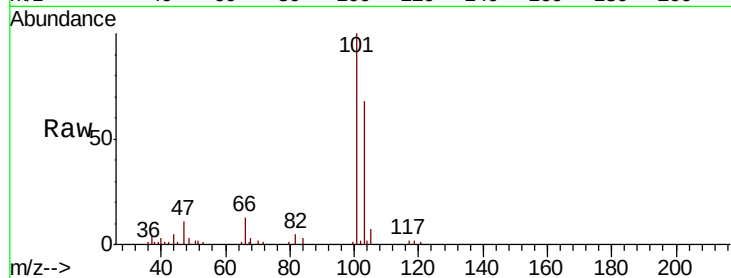


#7

Trichlorofluoromethane
 Concen: 18.218 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
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 VW0905SBS04

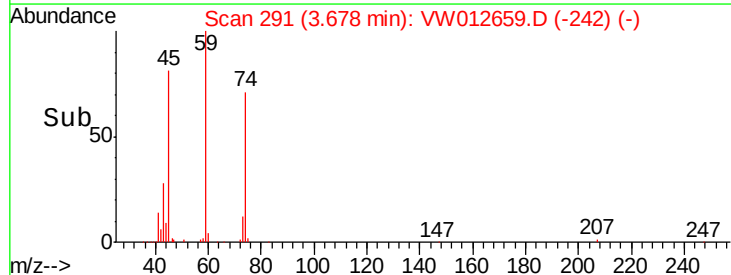
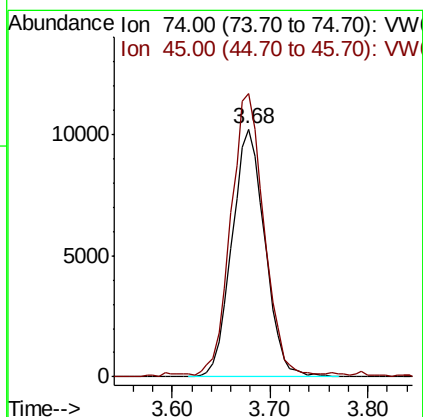
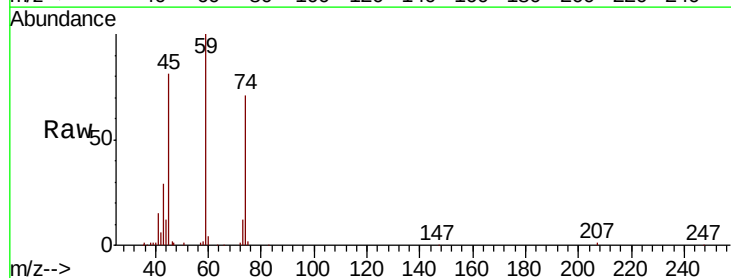
Tgt Ion:101 Resp: 22084
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.2 76.8

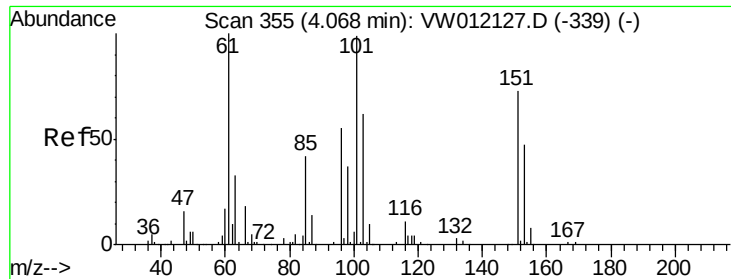


#8

Diethyl Ether
 Concen: 20.799 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion: 74 Resp: 23932
 Ion Ratio Lower Upper
 74 100
 45 113.9 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.696 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

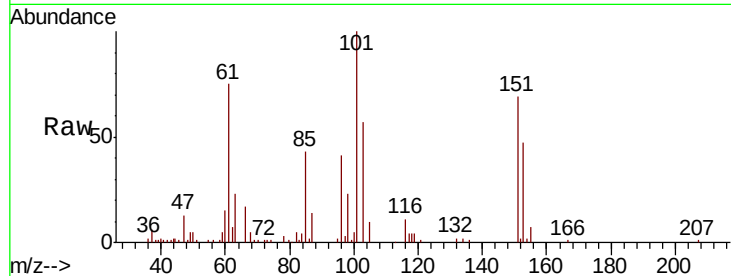
Tgt Ion:101 Resp: 42645

Ion Ratio Lower Upper

101 100

85 46.2 35.8 53.6

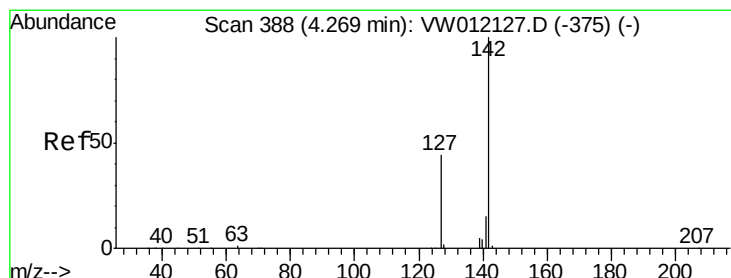
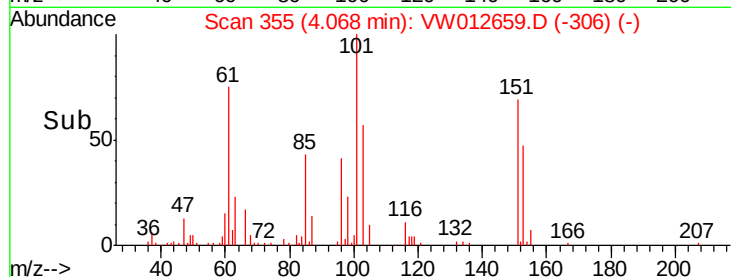
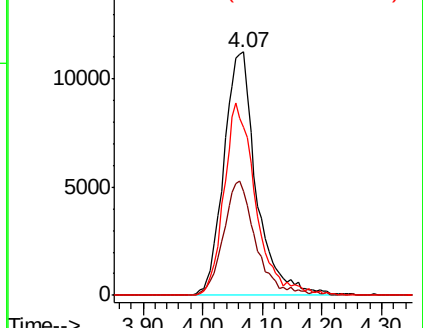
151 77.4 58.6 87.8



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: 21.374 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

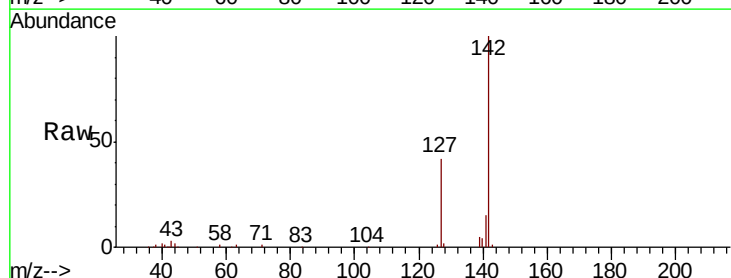
Tgt Ion:142 Resp: 59591

Ion Ratio Lower Upper

142 100

127 44.6 35.5 53.3

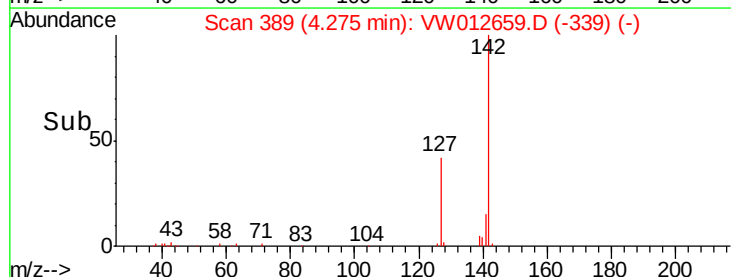
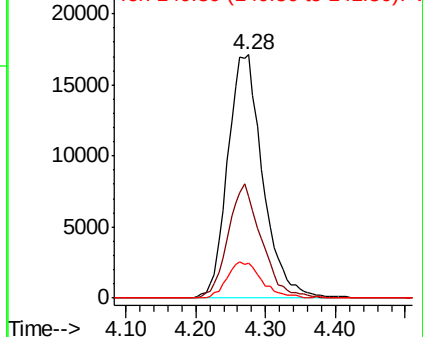
141 14.8 11.8 17.8

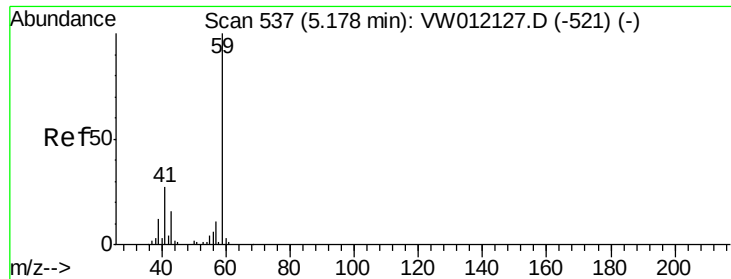


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

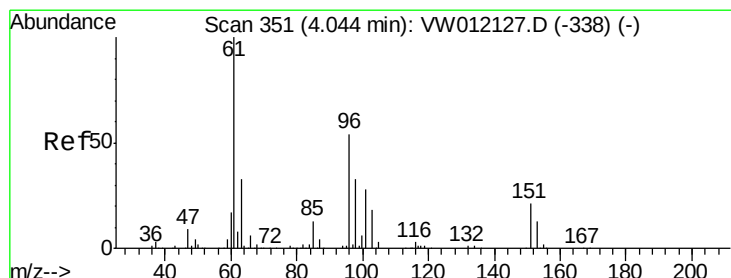
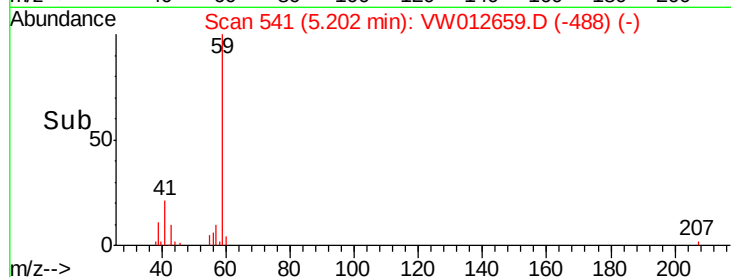
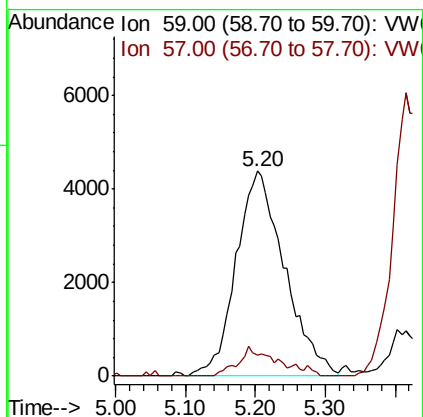
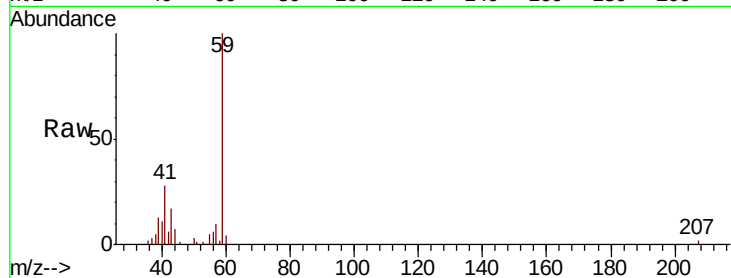




#11
Tert butyl alcohol
Concen: 143.055 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

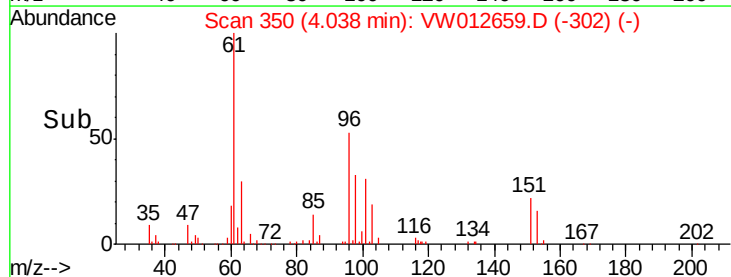
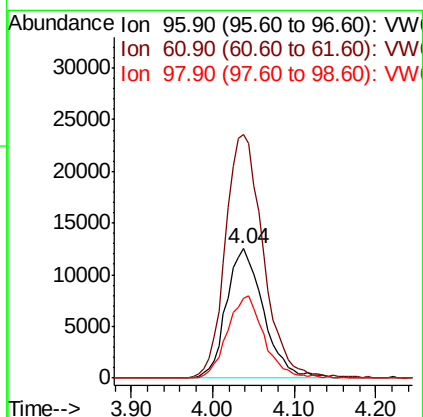
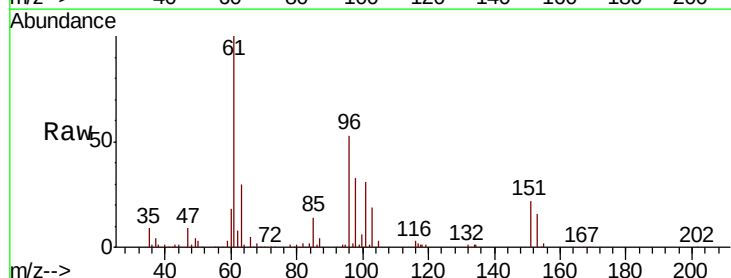
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

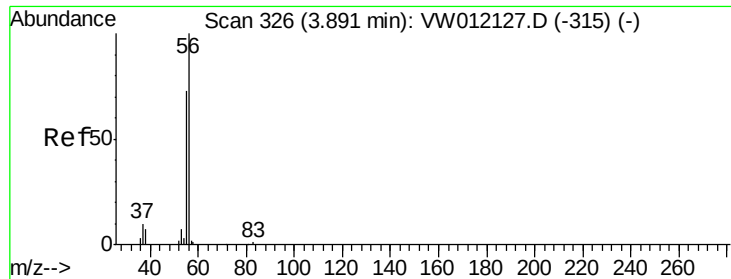
Tgt Ion: 59 Resp: 21160
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 19.008 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion: 96 Resp: 39422
Ion Ratio Lower Upper
96 100
61 187.8 149.1 223.7
98 61.4 49.4 74.2





#13

Acrolein

Concen: 57.349 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

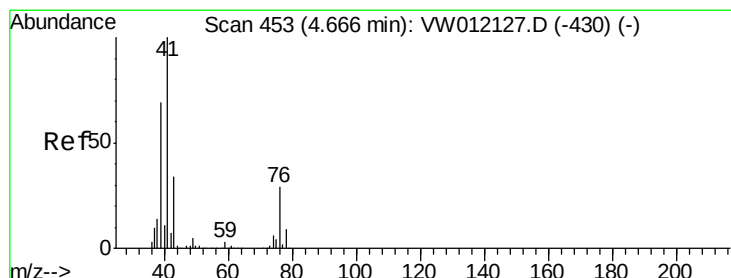
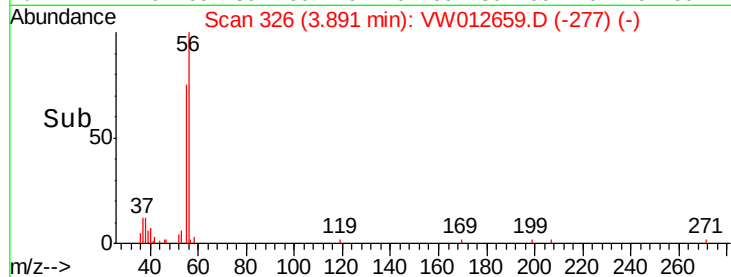
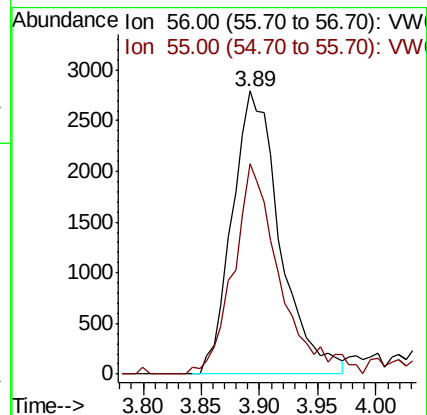
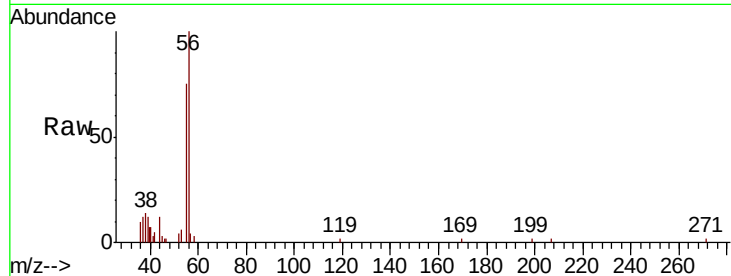
VW0905SBS04

Tgt Ion: 56 Resp: 7985

Ion Ratio Lower Upper

56 100

55 71.7 55.8 83.8



#14

Allyl chloride

Concen: 19.668 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

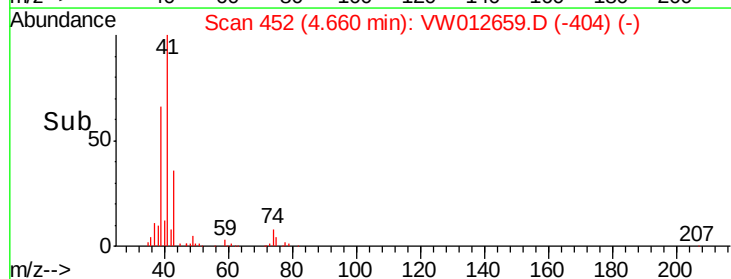
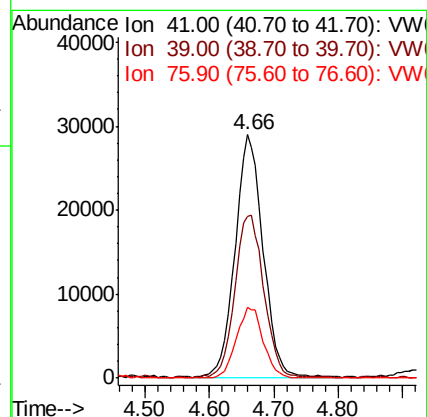
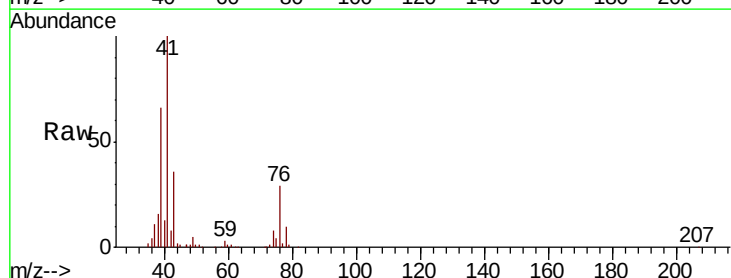
Tgt Ion: 41 Resp: 87201

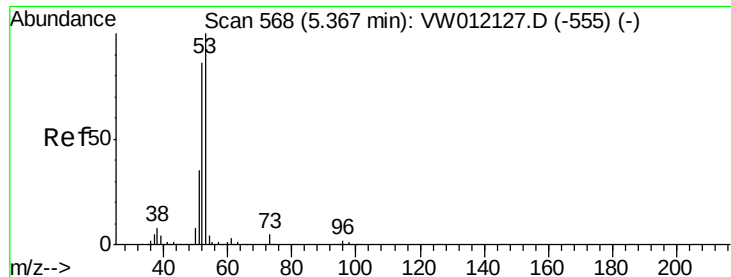
Ion Ratio Lower Upper

41 100

39 69.0 53.4 80.2

76 28.1 22.1 33.1





#15

Acrylonitrile

Concen: 125.269 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampled :

VW0905SBS04

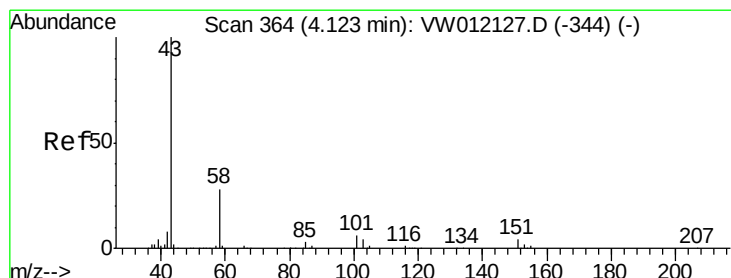
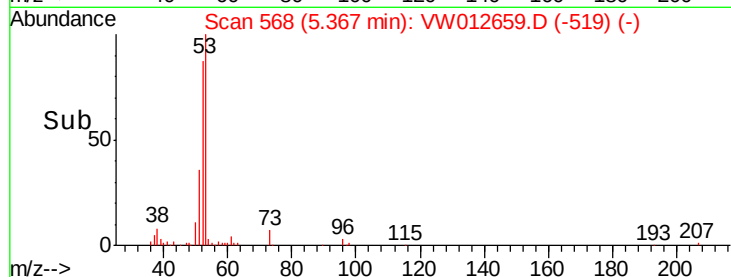
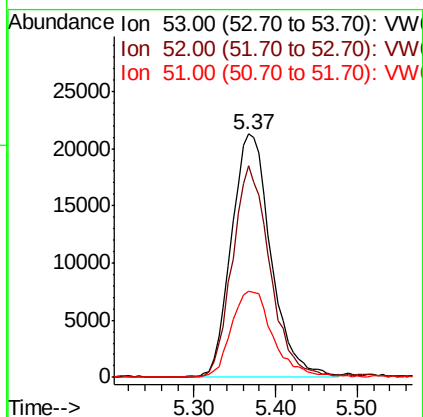
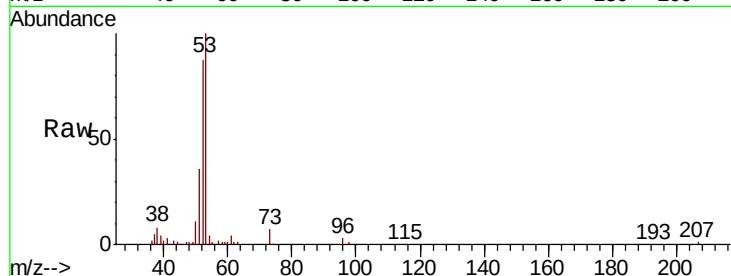
Tgt Ion: 53 Resp: 71444

Ion Ratio Lower Upper

53 100

52 82.8 66.7 100.1

51 37.8 30.1 45.1



#16

Acetone

Concen: 97.792 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012659.D

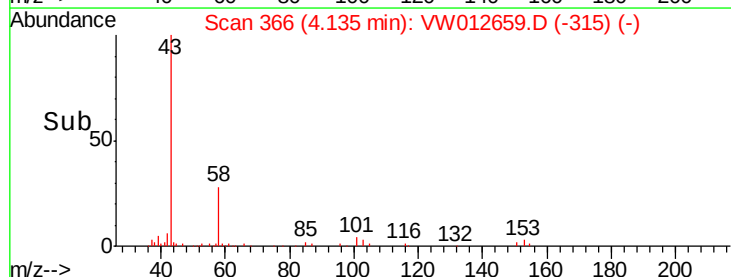
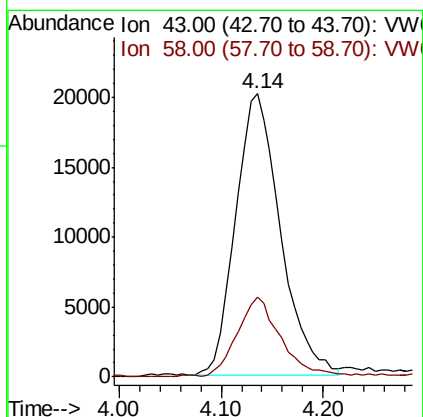
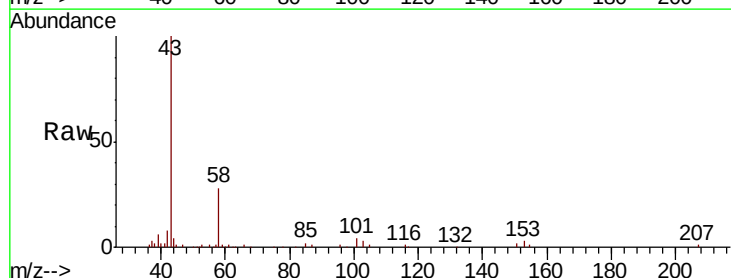
Acq: 06 Sep 2019 00:03

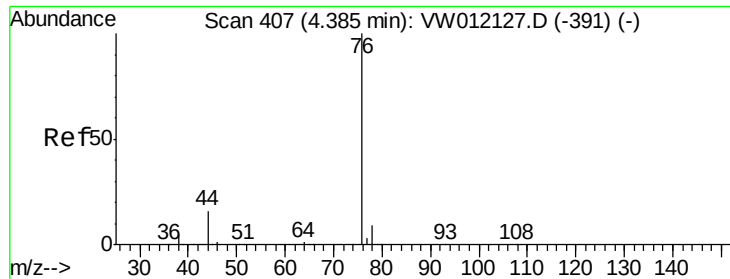
Tgt Ion: 43 Resp: 61442

Ion Ratio Lower Upper

43 100

58 27.8 22.4 33.6

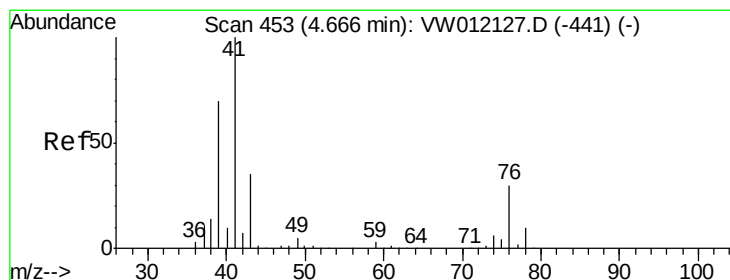
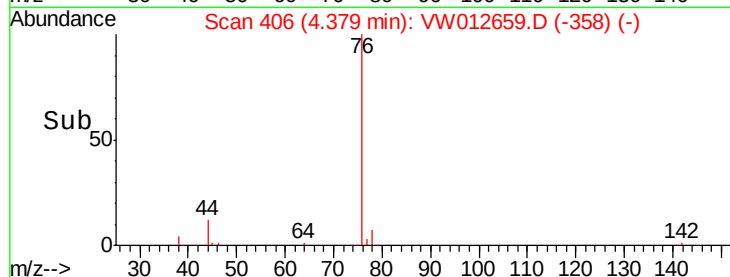
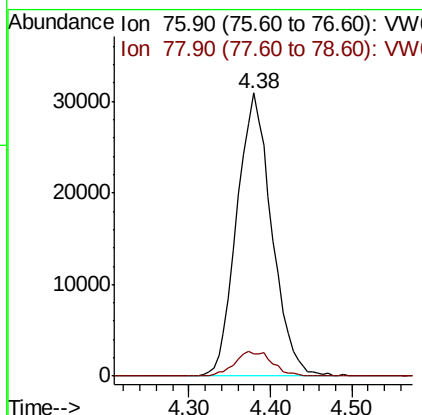
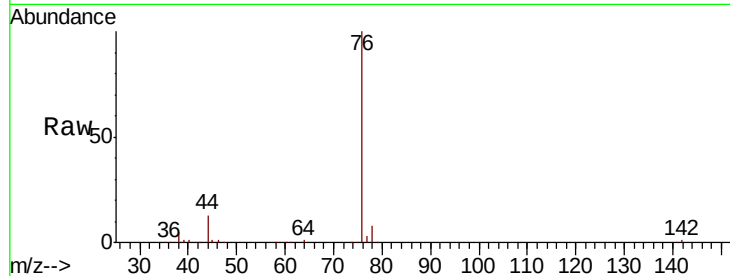




#17
Carbon Disulfide
Concen: 14.668 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

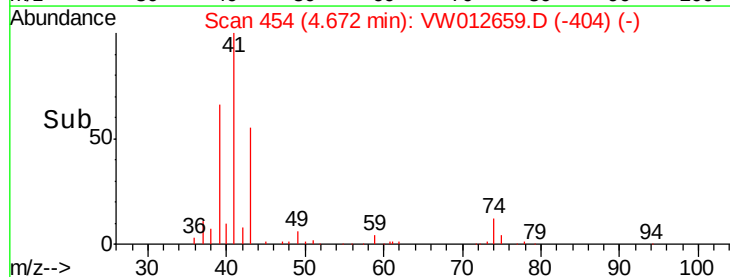
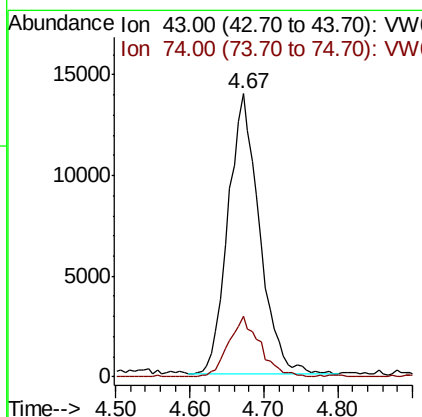
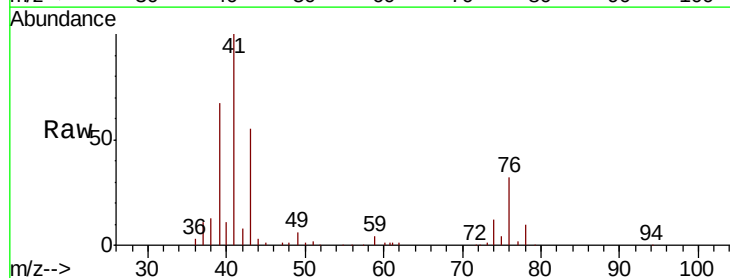
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

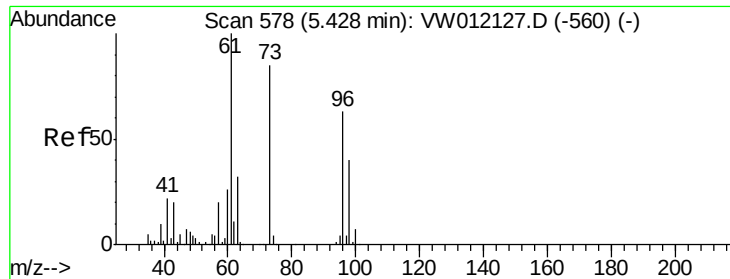
Tgt Ion: 76 Resp: 91935
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#18
Methyl Acetate
Concen: 26.507 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion: 43 Resp: 41250
Ion Ratio Lower Upper
43 100
74 21.5 15.7 23.5

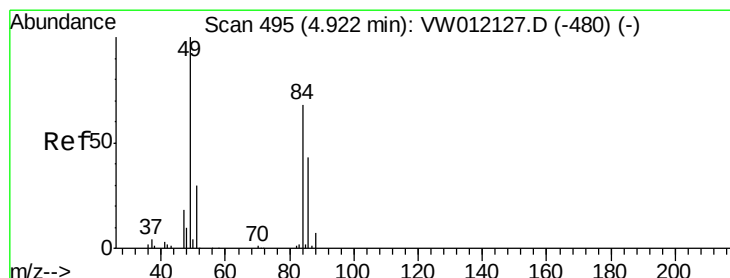
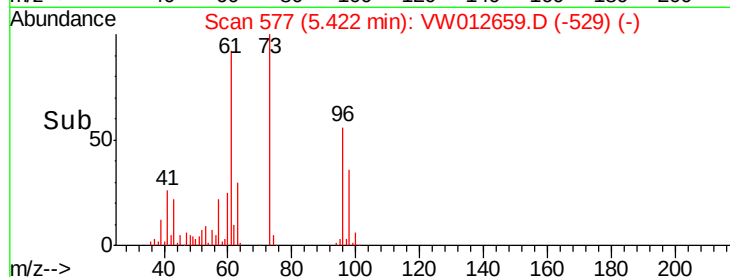
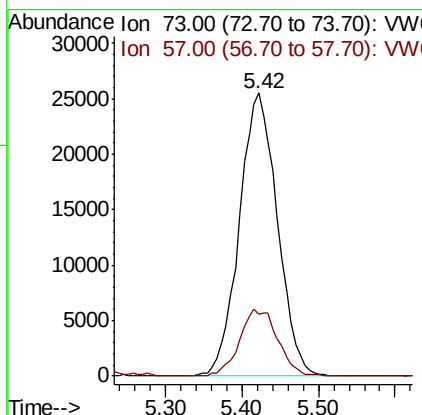
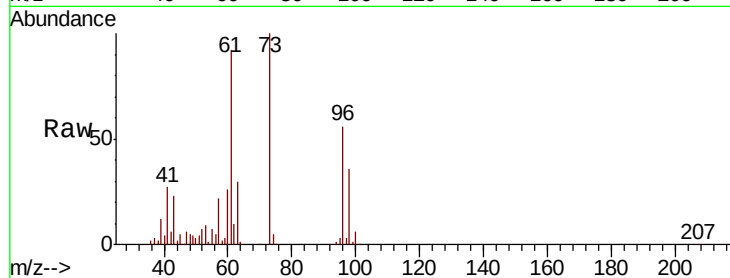




#19
Methyl tert-butyl Ether
Concen: 26.287 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

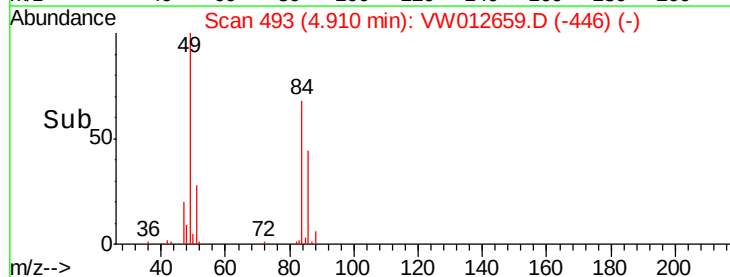
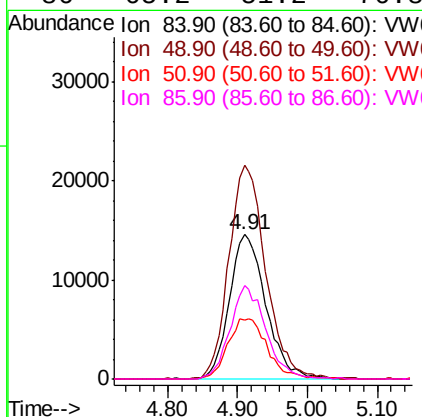
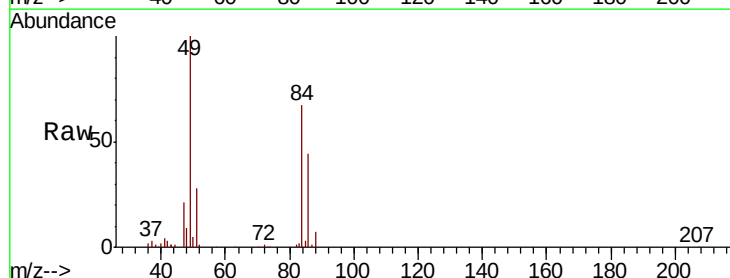
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

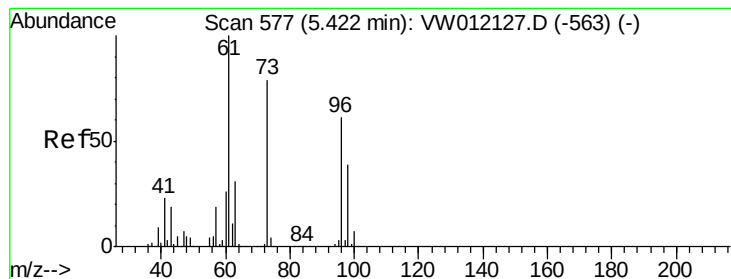
Tgt Ion: 73 Resp: 88164
Ion Ratio Lower Upper
73 100
57 22.0 18.9 28.3



#20
Methylene Chloride
Concen: 22.268 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion: 84 Resp: 52892
Ion Ratio Lower Upper
84 100
49 148.2 117.8 176.8
51 41.3 35.6 53.4
86 65.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.609 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

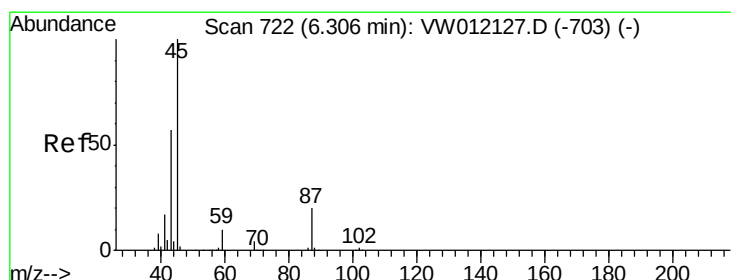
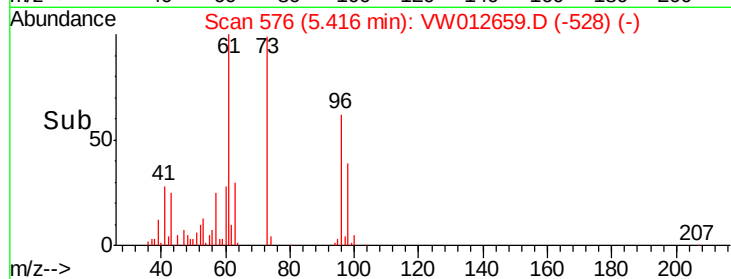
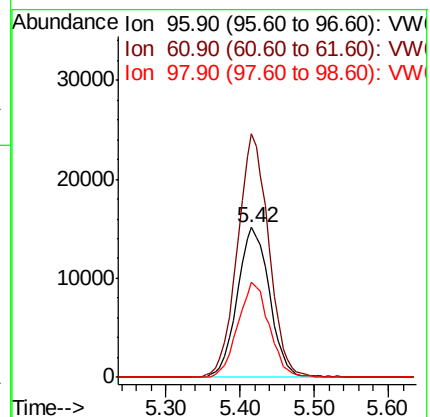
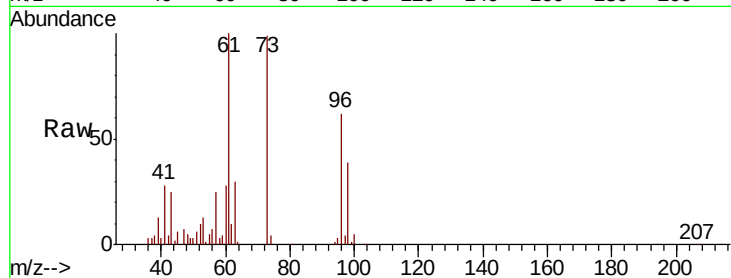
Tgt Ion: 96 Resp: 45834

Ion Ratio Lower Upper

96 100

61 162.5 131.4 197.0

98 63.4 51.4 77.0



#22

Diisopropyl ether

Concen: 23.409 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Tgt Ion: 45 Resp: 192382

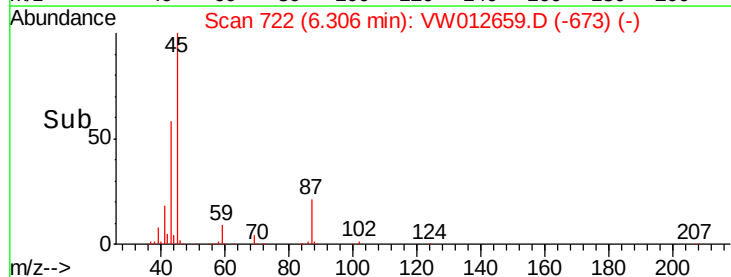
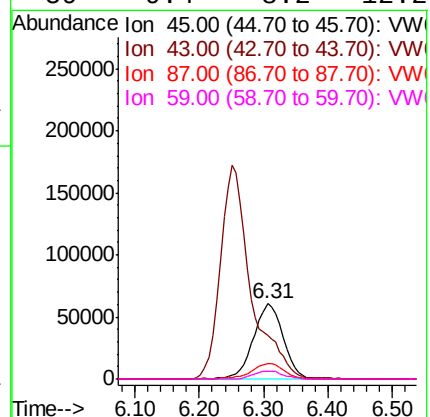
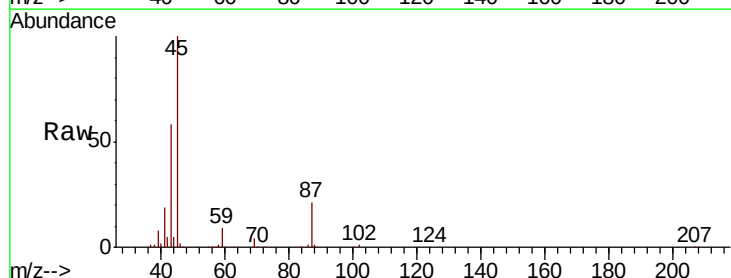
Ion Ratio Lower Upper

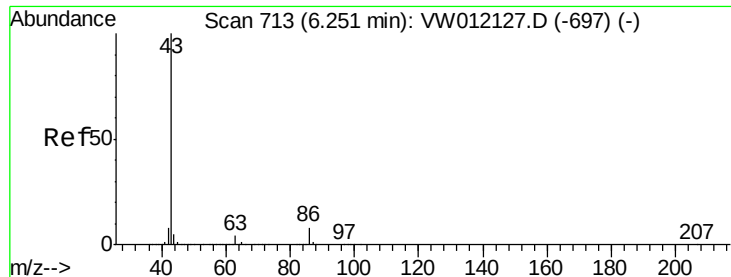
45 100

43 57.8 45.5 68.3

87 20.7 16.1 24.1

59 9.4 8.2 12.2

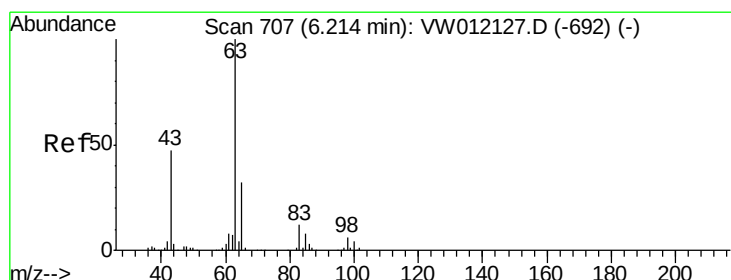
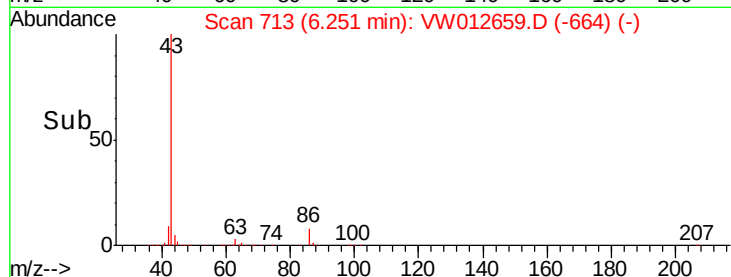
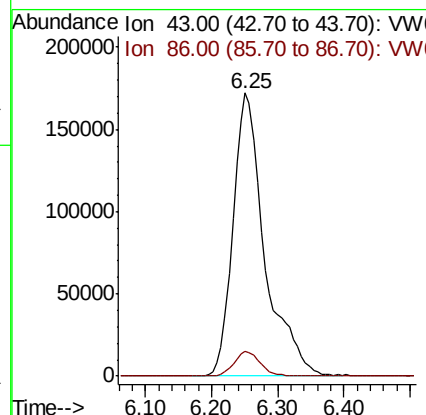
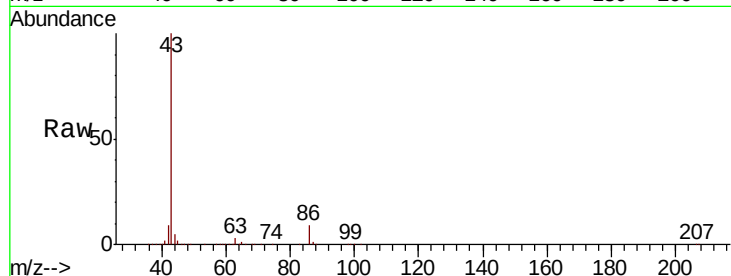




#23
 Vinyl Acetate
 Concen: 113.058 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

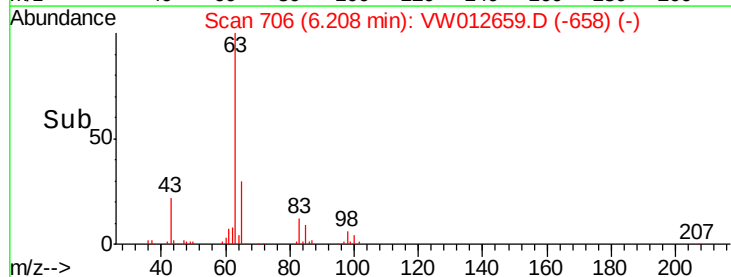
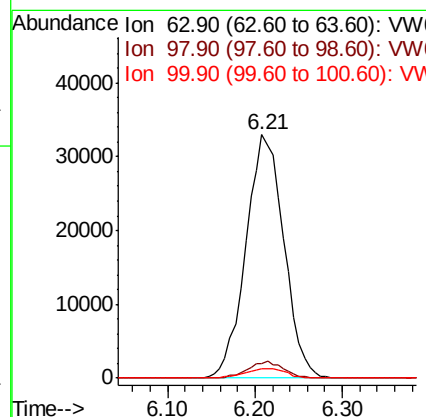
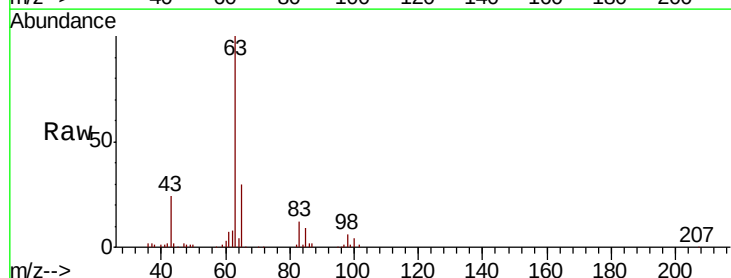
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

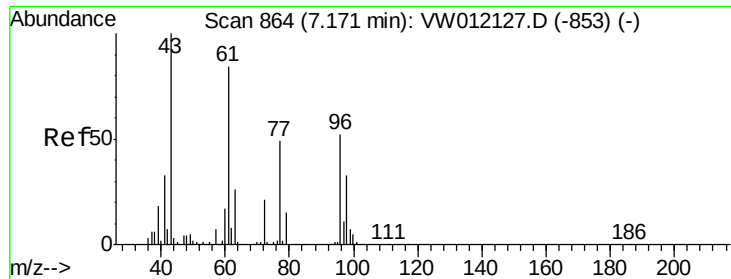
Tgt Ion: 43 Resp: 571817
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 22.297 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion: 63 Resp: 99774
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 114.364 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

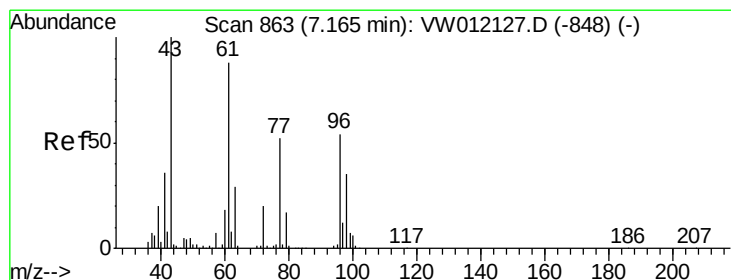
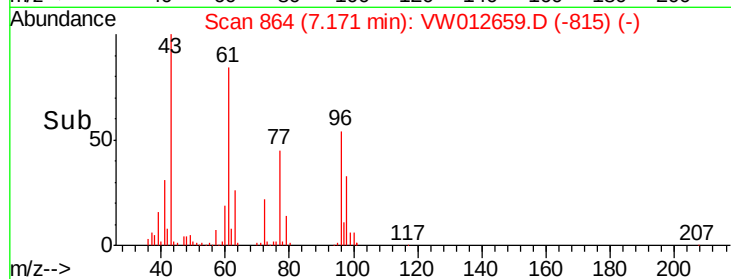
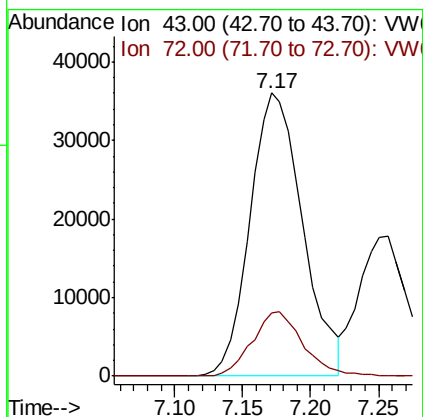
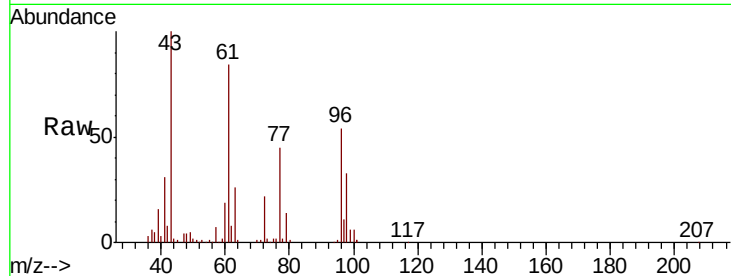
VW0905SBS04

Tgt Ion: 43 Resp: 97641

Ion Ratio Lower Upper

43 100

72 22.1 16.6 24.8



#26

2,2-Dichloropropane

Concen: 21.130 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012659.D

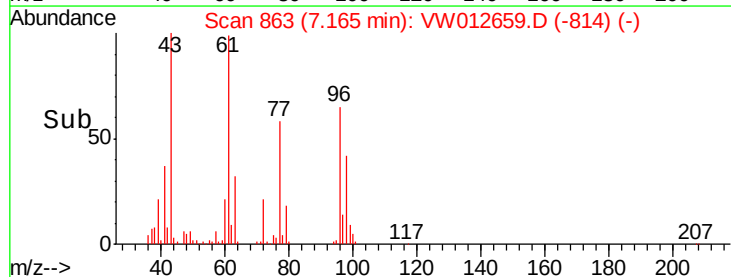
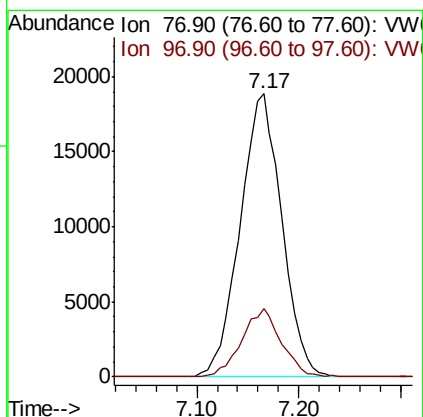
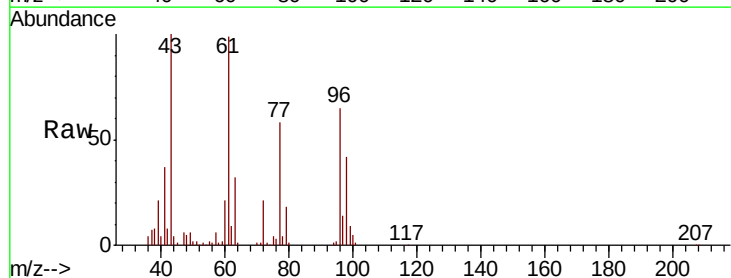
Acq: 06 Sep 2019 00:03

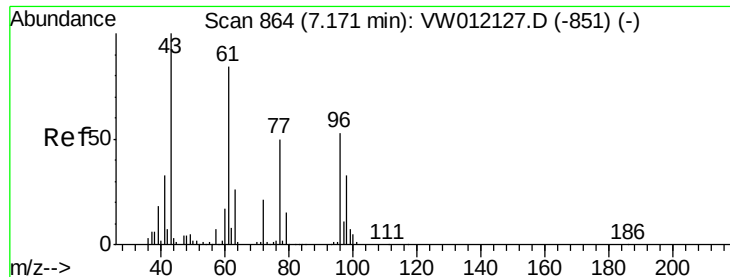
Tgt Ion: 77 Resp: 53518

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1



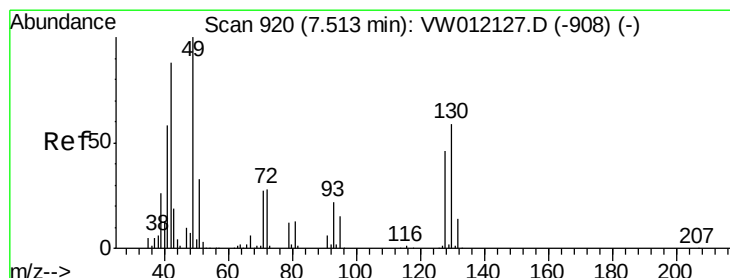
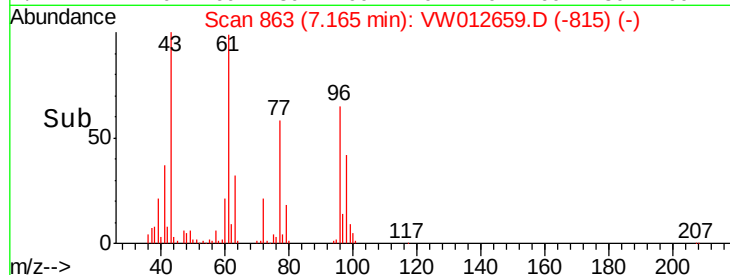
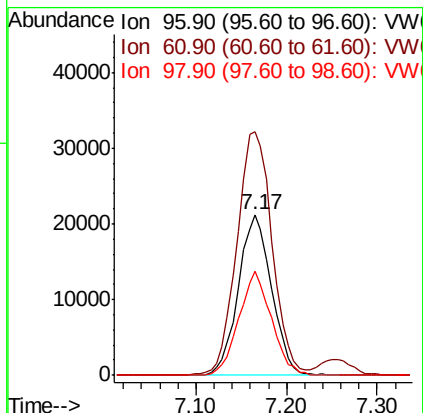
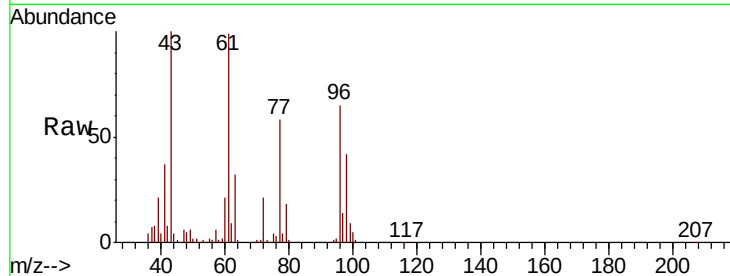


#27

cis-1,2-Dichloroethene
Concen: 22.621 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

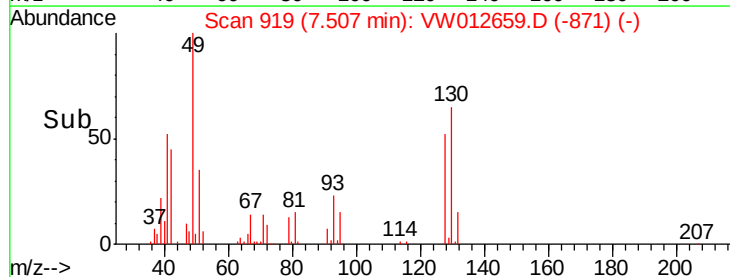
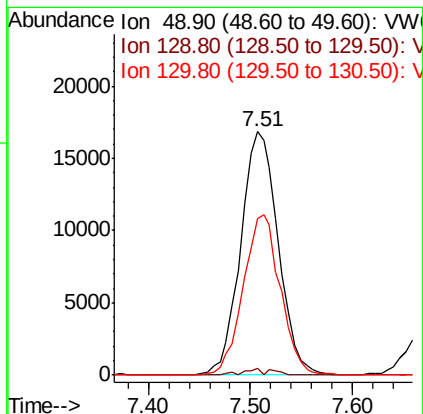
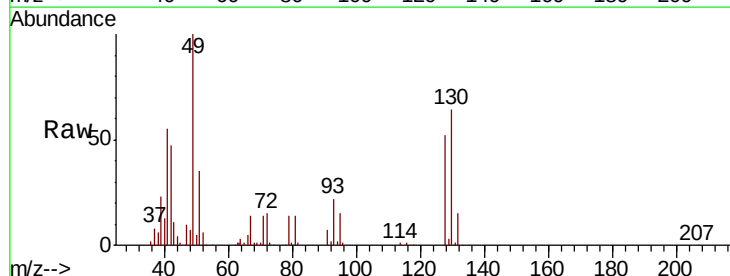
Tgt Ion: 96 Resp: 53750
Ion Ratio Lower Upper
96 100
61 160.9 0.0 326.6
98 63.8 0.0 127.4

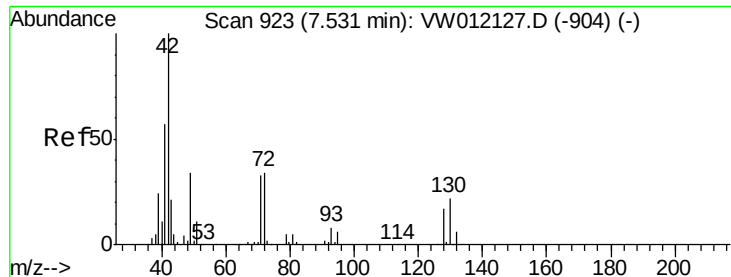


#28

Bromochloromethane
Concen: 22.034 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion: 49 Resp: 42973
Ion Ratio Lower Upper
49 100
129 1.1 0.0 1.4
130 65.0 45.5 68.3

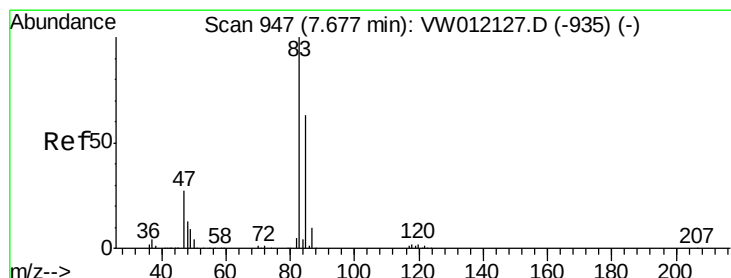
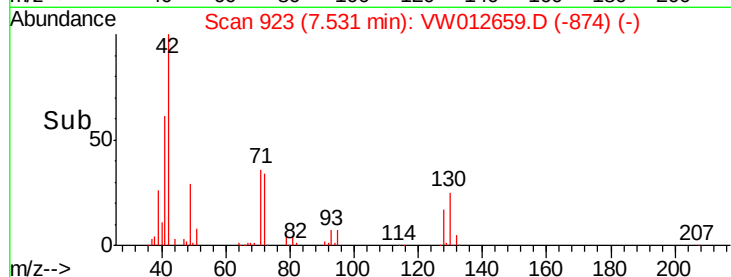
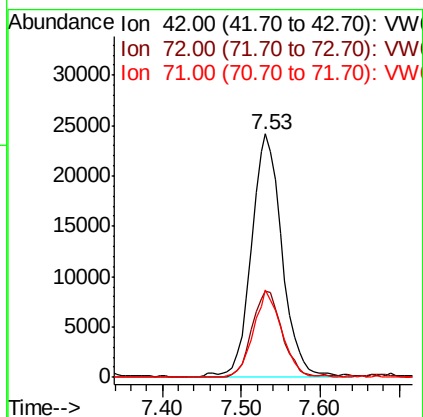
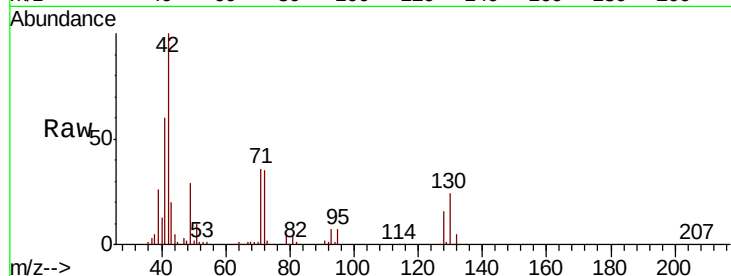




#29
Tetrahydrofuran
Concen: 127.452 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

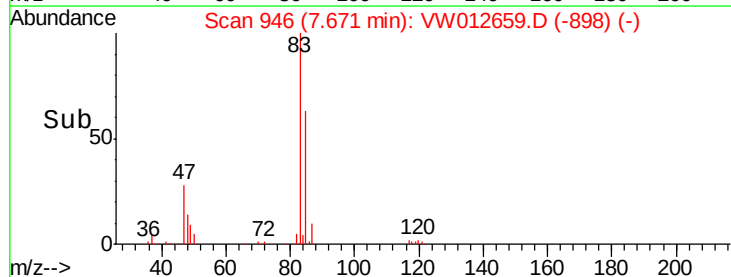
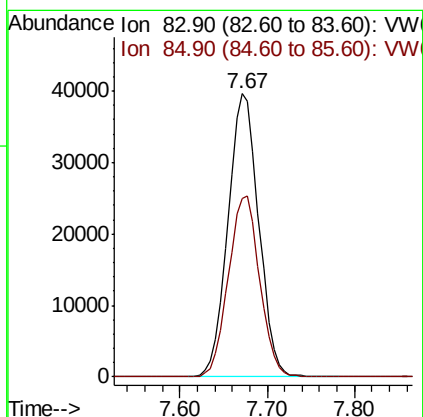
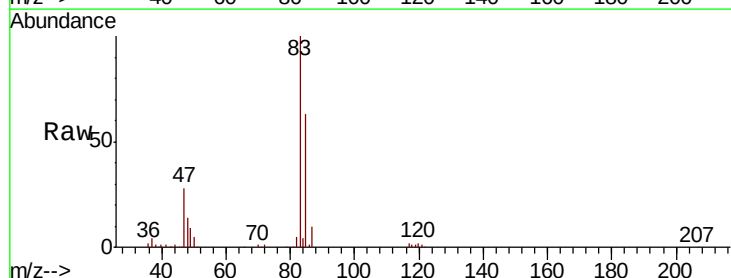
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

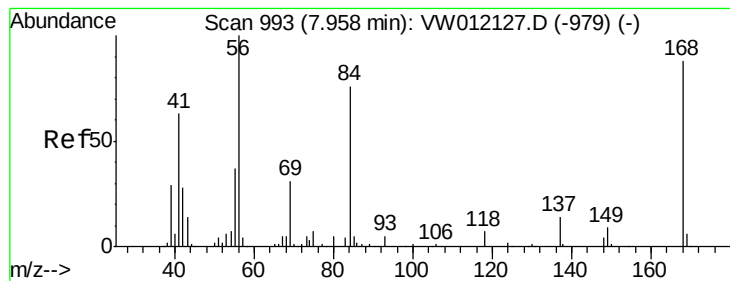
Tgt Ion: 42 Resp: 65285
Ion Ratio Lower Upper
42 100
72 34.8 27.3 40.9
71 33.3 25.5 38.3



#30
Chloroform
Concen: 23.642 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion: 83 Resp: 96790
Ion Ratio Lower Upper
83 100
85 62.9 50.6 76.0





#31

Cyclohexane

Concen: 18.666 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

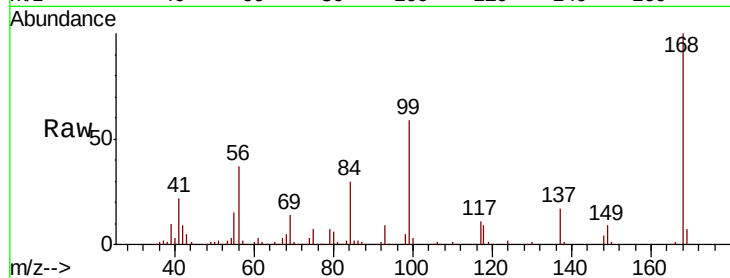
Tgt Ion: 56 Resp: 82638

Ion Ratio Lower Upper

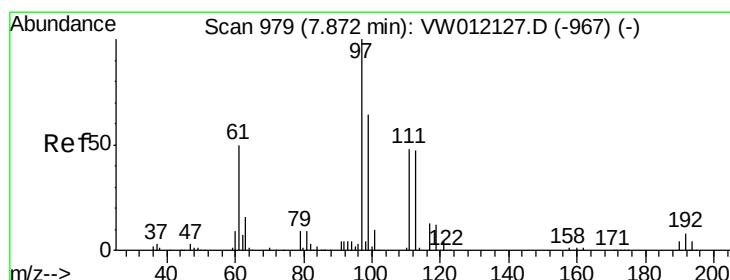
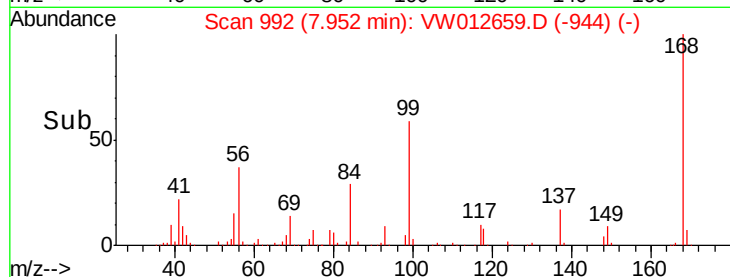
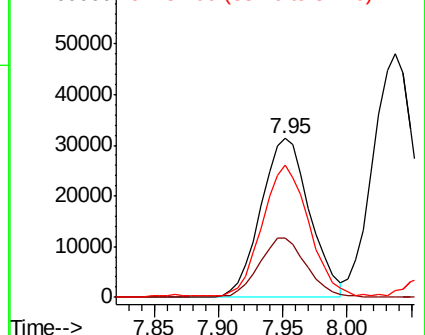
56 100

69 37.4 24.9 37.3#

84 82.1 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 22.841 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

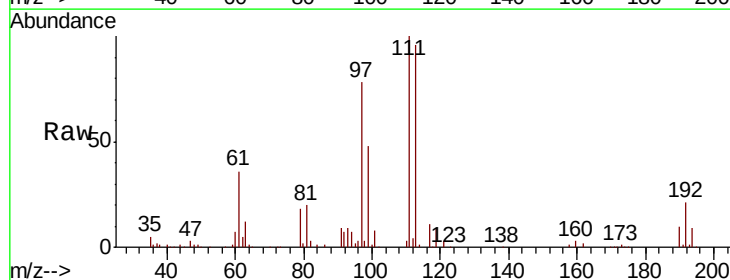
Tgt Ion: 97 Resp: 73974

Ion Ratio Lower Upper

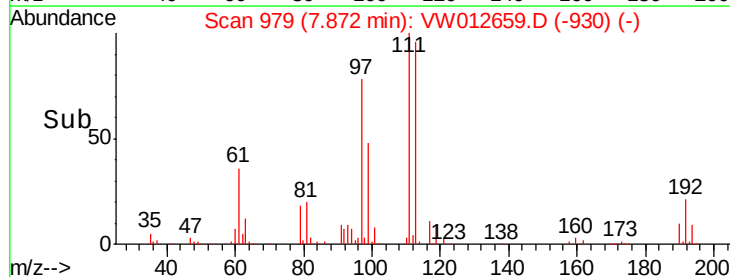
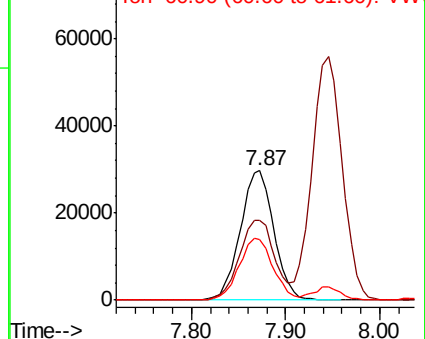
97 100

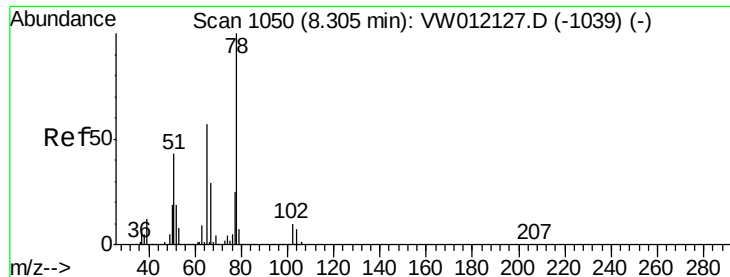
99 64.4 51.4 77.0

61 48.3 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

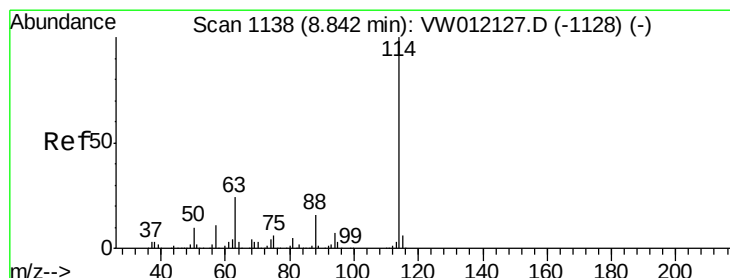
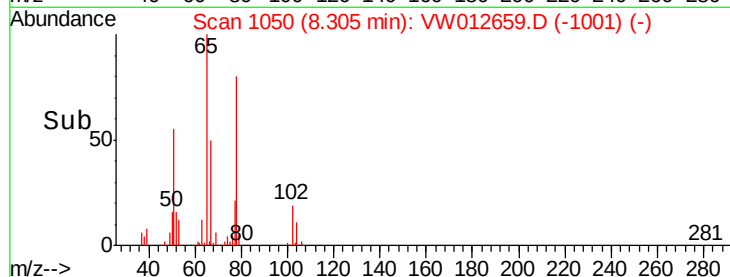
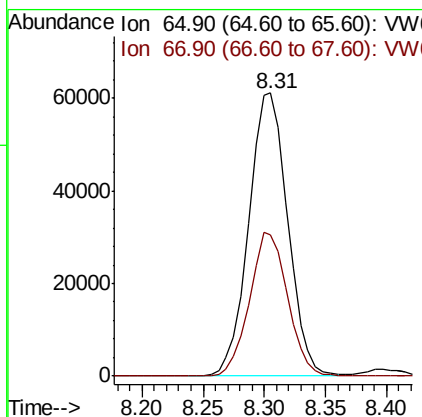
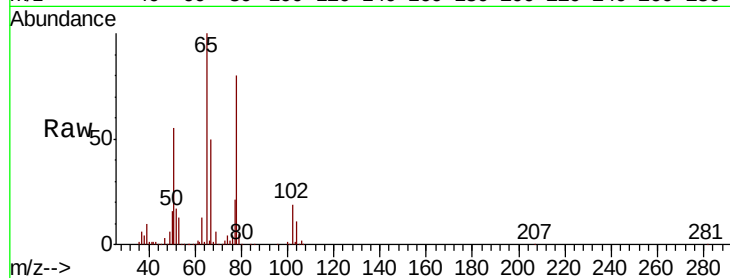




#33
 1,2-Dichloroethane-d4
 Concen: 55.164 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

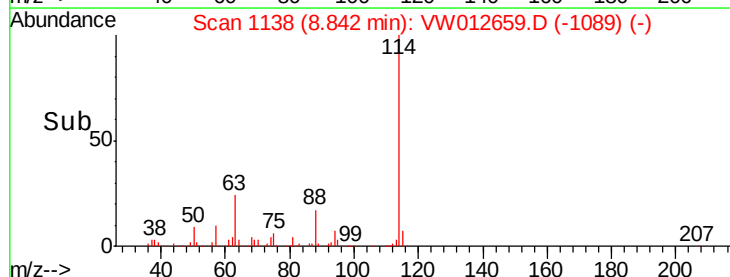
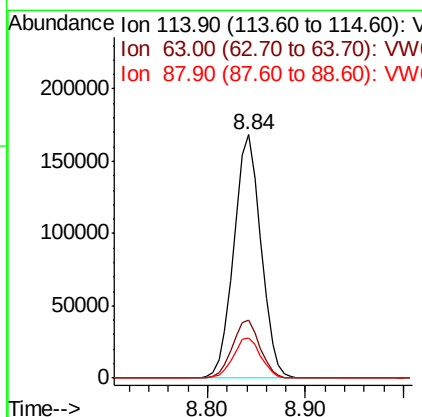
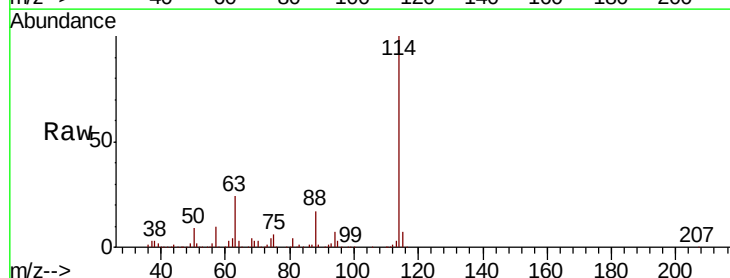
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

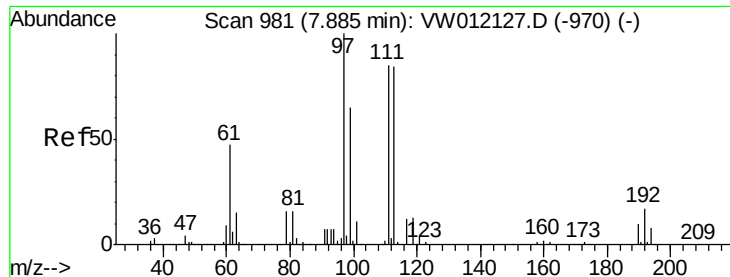
Tgt Ion: 65 Resp: 135588
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion: 114 Resp: 324157
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.6
 88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.934 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

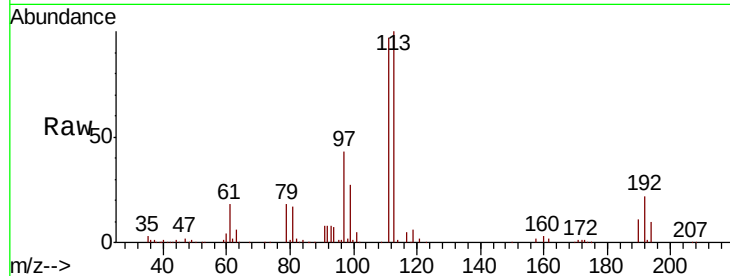
Tgt Ion:113 Resp: 106292

Ion Ratio Lower Upper

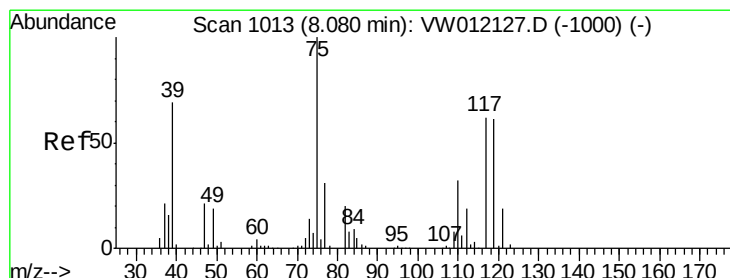
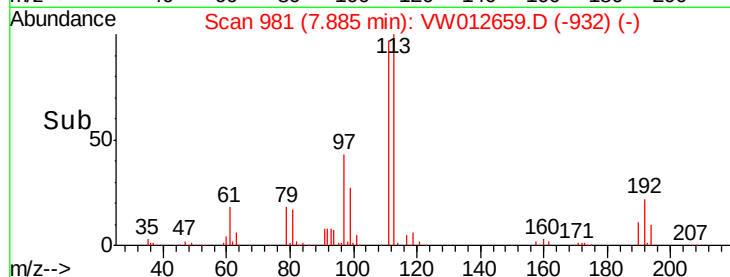
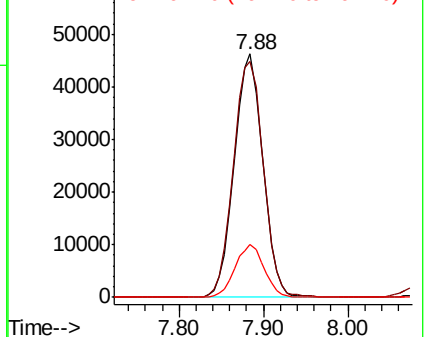
113 100

111 101.4 82.7 124.1

192 21.7 16.2 24.2



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



#36

1,1-Dichloropropene

Concen: 20.422 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

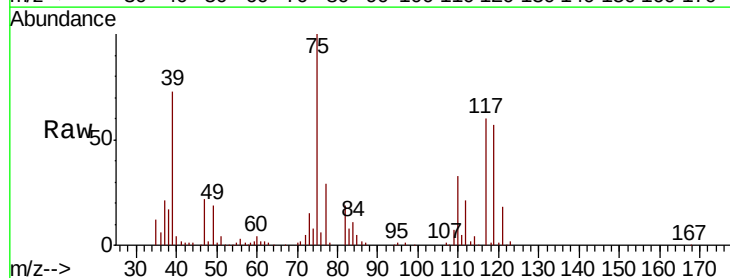
Tgt Ion: 75 Resp: 68410

Ion Ratio Lower Upper

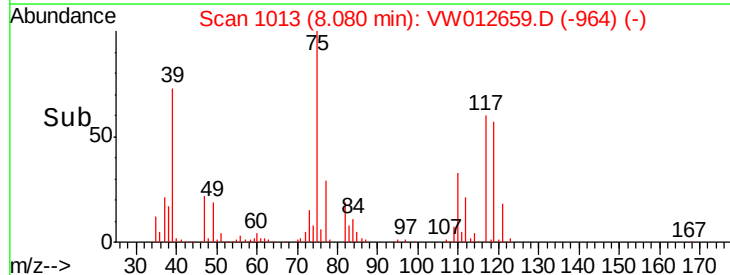
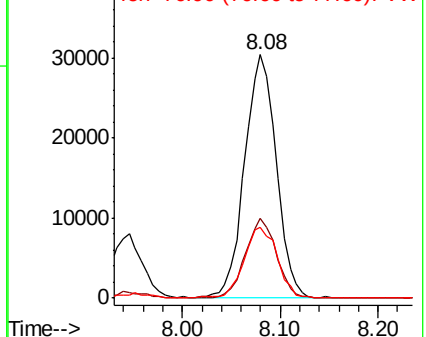
75 100

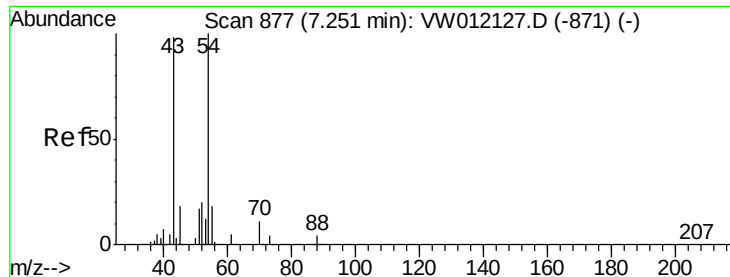
110 31.9 15.6 46.8

77 30.9 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

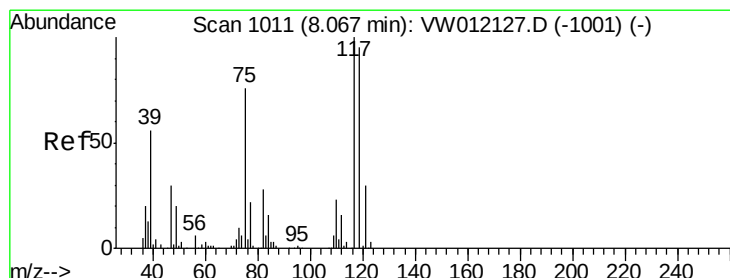
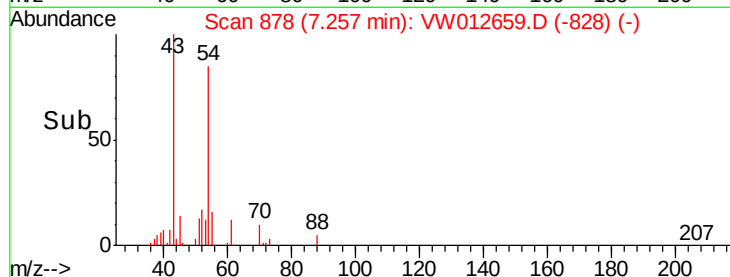
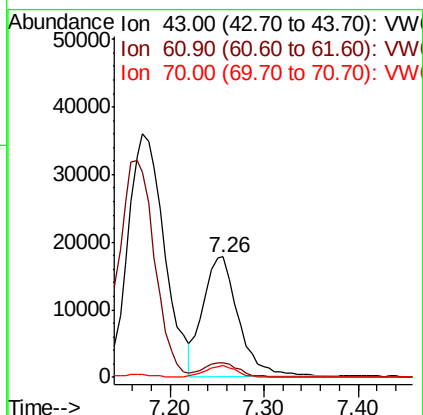
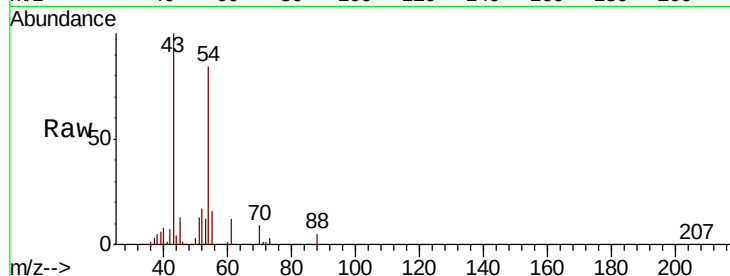




#37
Ethyl Acetate
Concen: 25.354 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

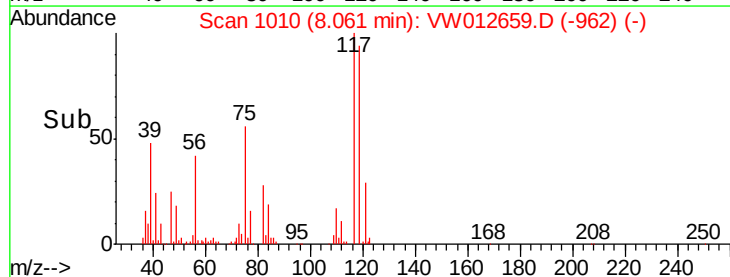
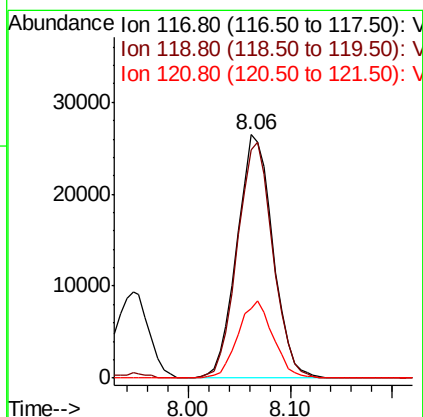
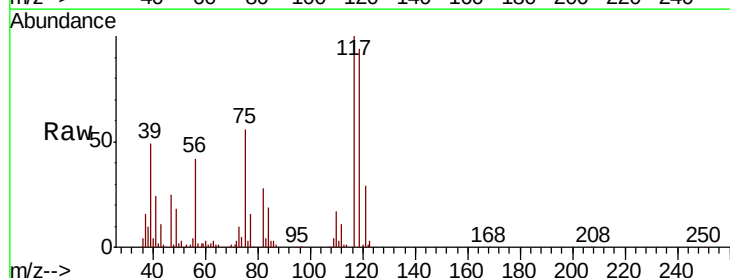
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

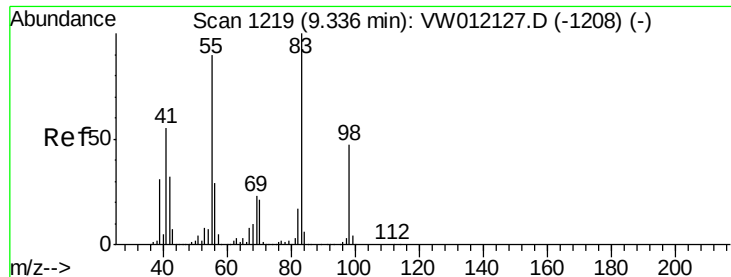
Tgt Ion: 43 Resp: 46541
Ion Ratio Lower Upper
43 100
61 12.3 9.2 13.8
70 8.9 6.9 10.3



#38
Carbon Tetrachloride
Concen: 22.379 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion: 117 Resp: 64885
Ion Ratio Lower Upper
117 100
119 93.8 76.2 114.2
121 28.6 23.8 35.8

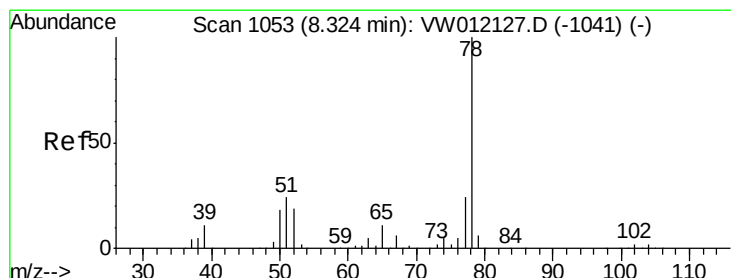
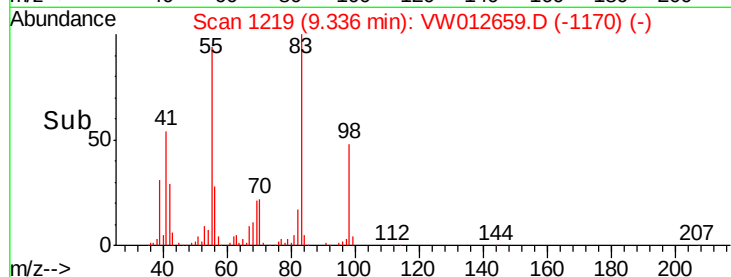
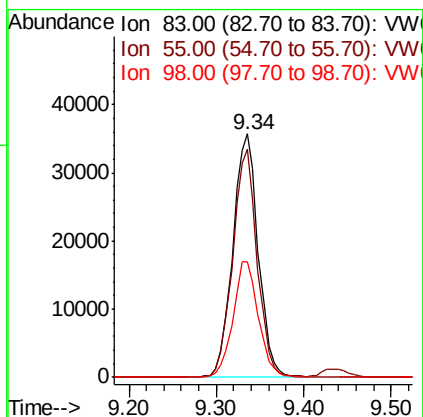
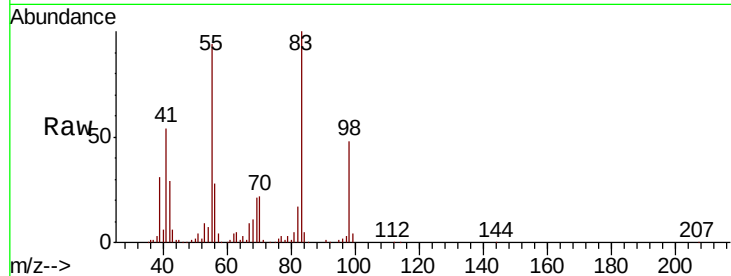




#39
Methylcyclohexane
Concen: 19.192 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

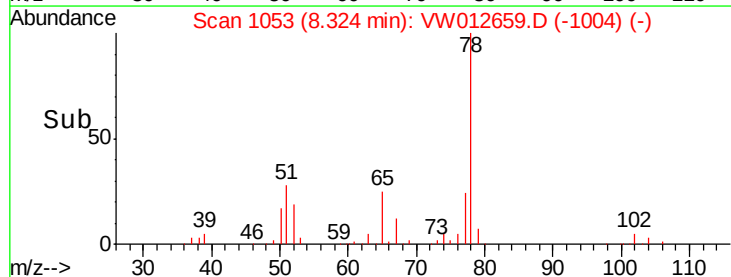
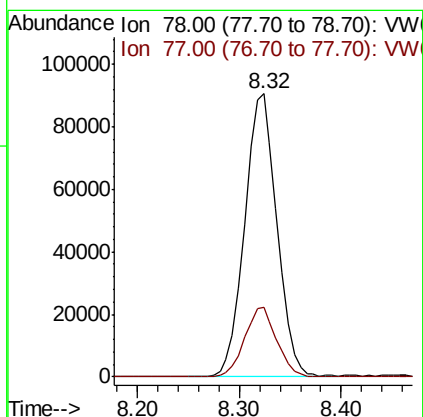
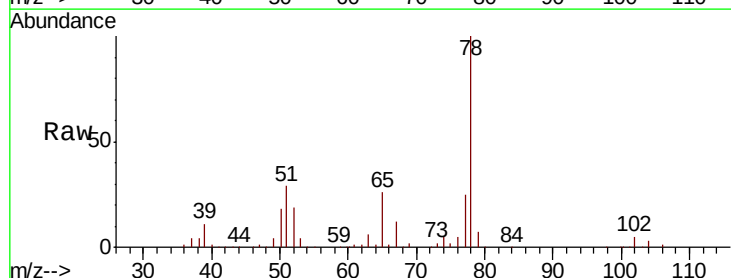
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

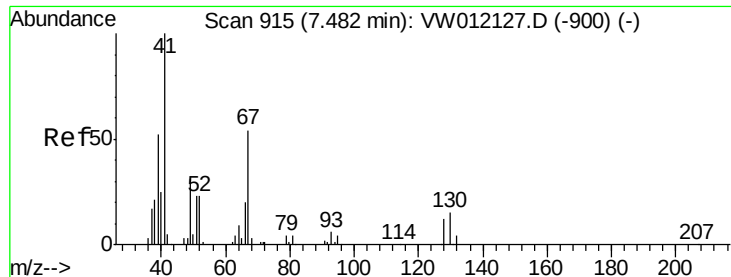
Tgt Ion: 83 Resp: 72222
Ion Ratio Lower Upper
83 100
55 93.8 71.8 107.8
98 47.5 37.8 56.8



#40
Benzene
Concen: 21.833 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion: 78 Resp: 199707
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3

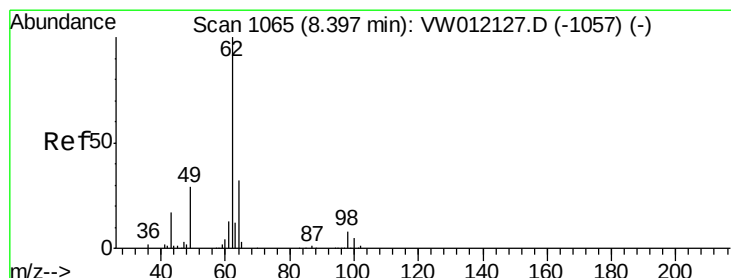
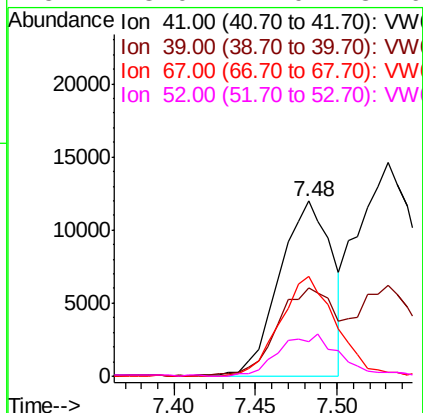
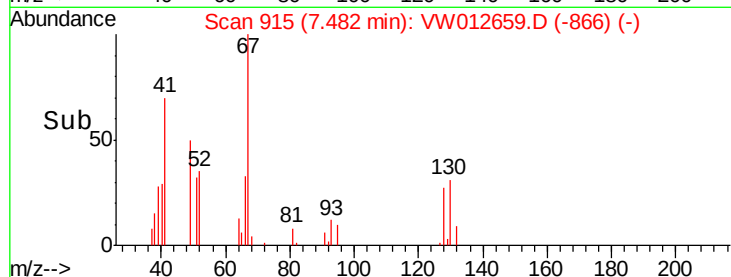
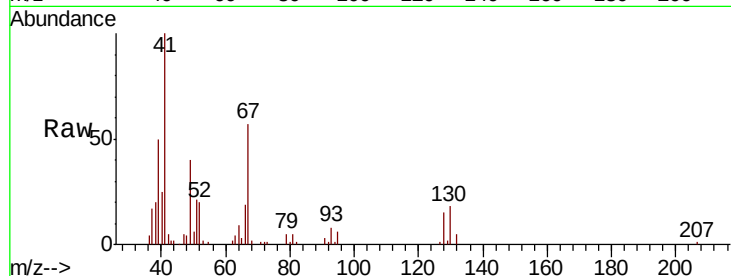




#41
Methacrylonitrile
Concen: 24.893 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

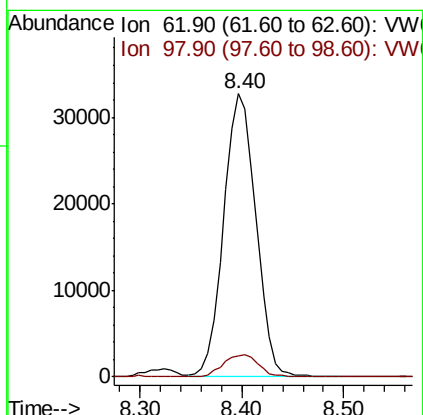
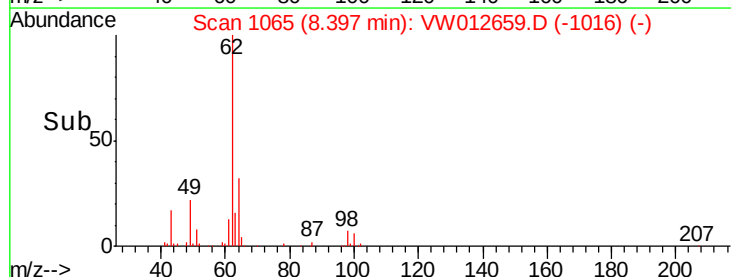
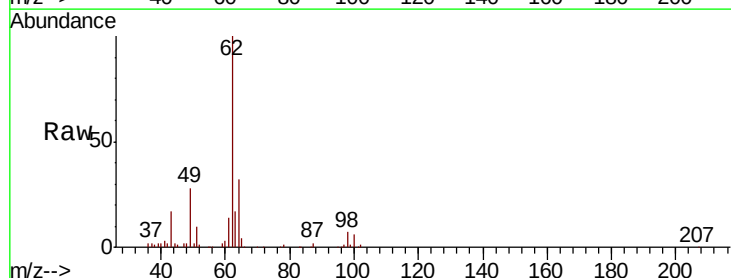
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

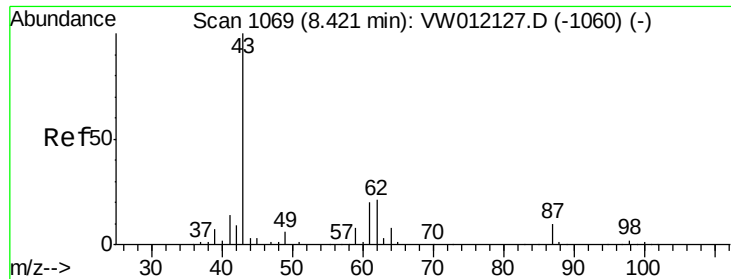
Tgt Ion:	41	Resp:	26856
Ion	Ratio	Lower	Upper
41	100		
39	59.1	45.8	68.8
67	61.6	46.2	69.4
52	28.0	21.0	31.6



#42
1,2-Dichloroethane
Concen: 25.033 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion:	62	Resp:	71761
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 24.817 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

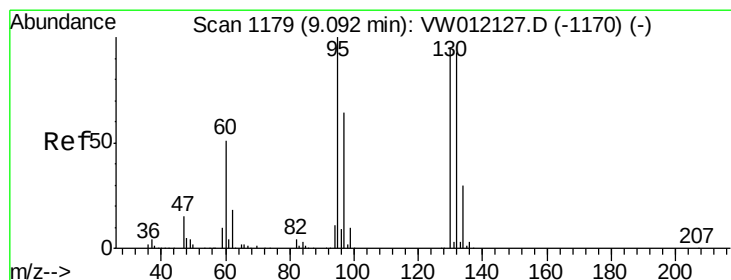
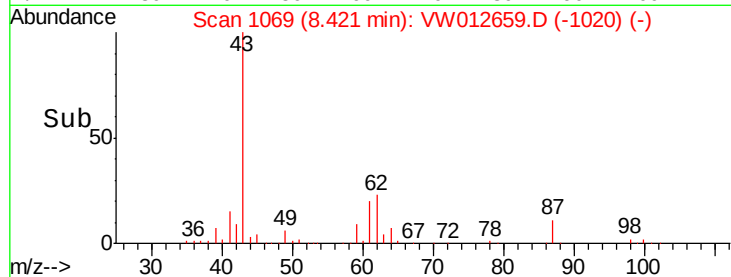
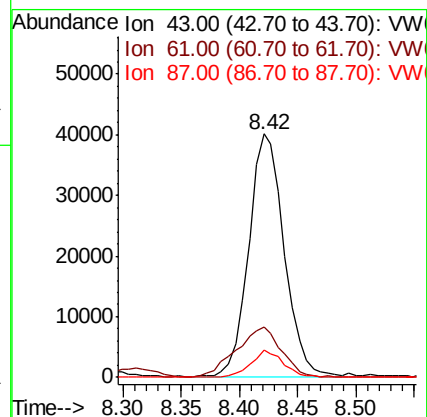
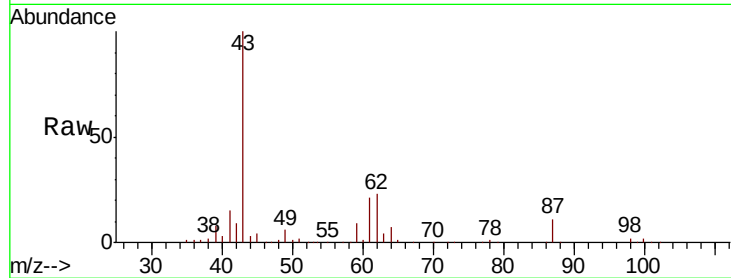
Tgt Ion: 43 Resp: 84383

Ion Ratio Lower Upper

43 100

61 26.5 21.1 31.7

87 10.4 8.2 12.2



#44

Trichloroethene

Concen: 20.732 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012659.D

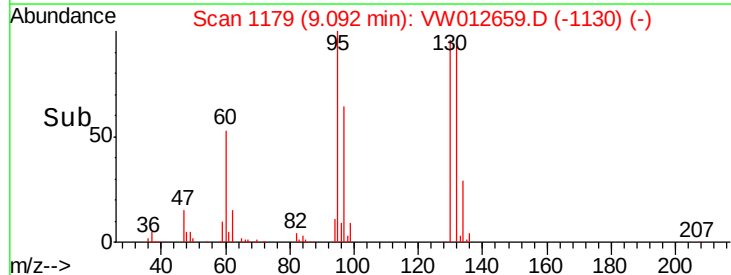
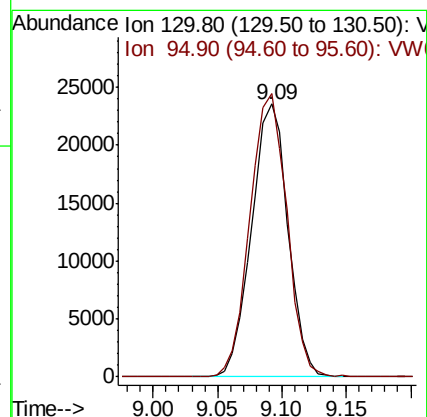
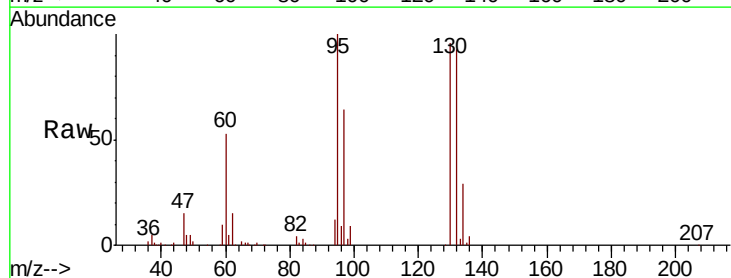
Acq: 06 Sep 2019 00:03

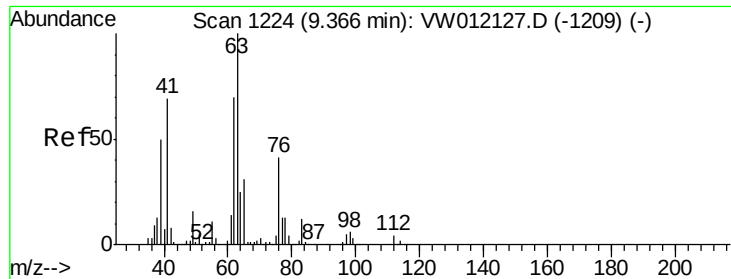
Tgt Ion: 130 Resp: 46098

Ion Ratio Lower Upper

130 100

95 103.8 0.0 210.6

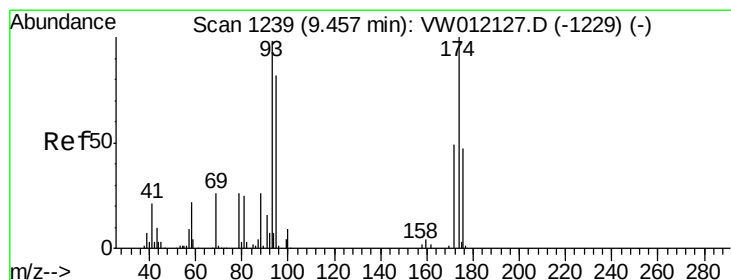
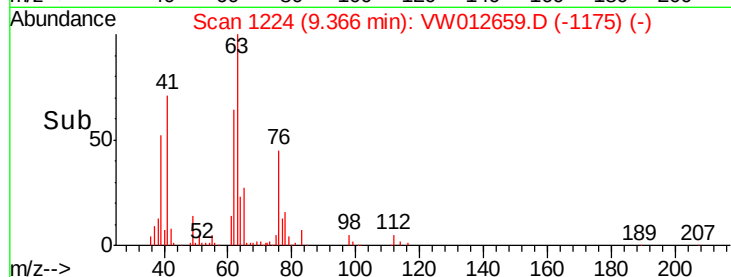
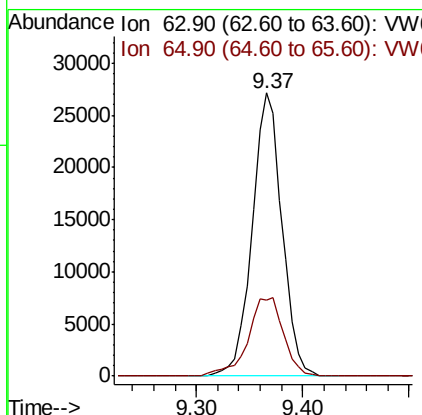
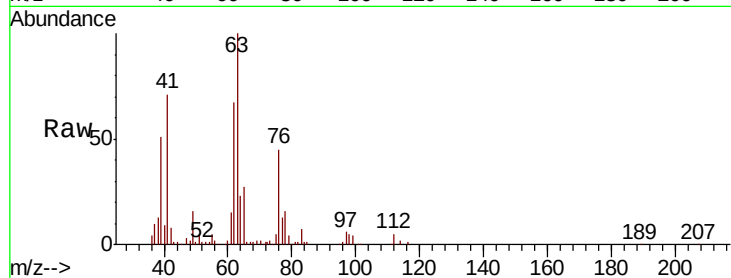




#45
 1,2-Dichloropropane
 Concen: 21.658 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

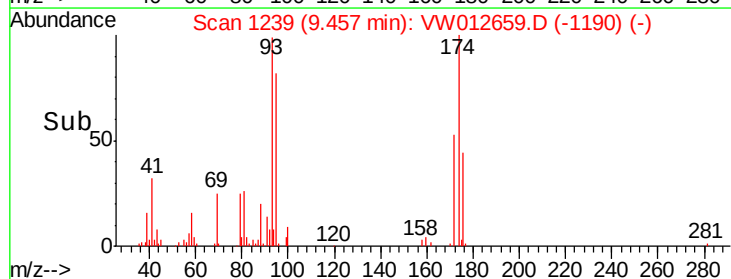
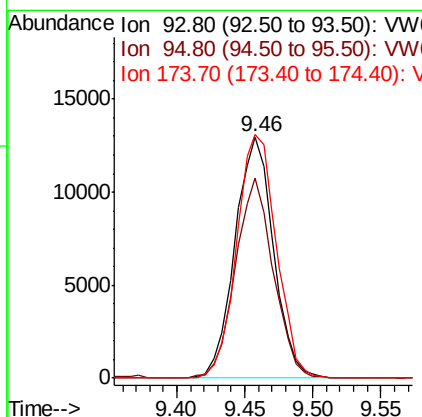
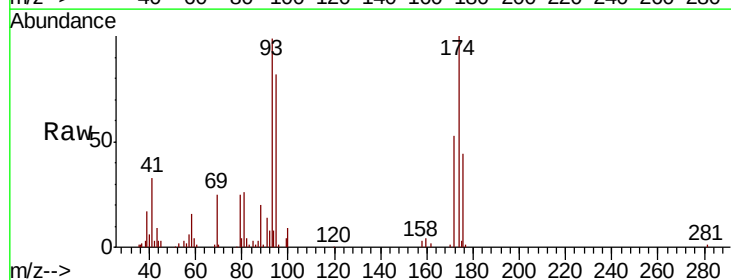
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

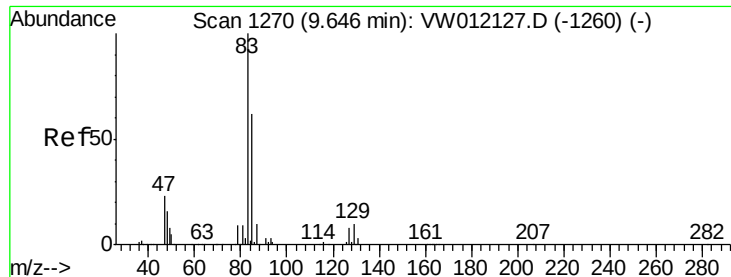
Tgt Ion: 63 Resp: 53315
 Ion Ratio Lower Upper
 63 100
 65 26.9 25.0 37.4



#46
 Dibromomethane
 Concen: 23.347 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion: 93 Resp: 25572
 Ion Ratio Lower Upper
 93 100
 95 81.6 67.2 100.8
 174 104.2 79.0 118.6





#47

Bromodichloromethane

Concen: 22.121 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

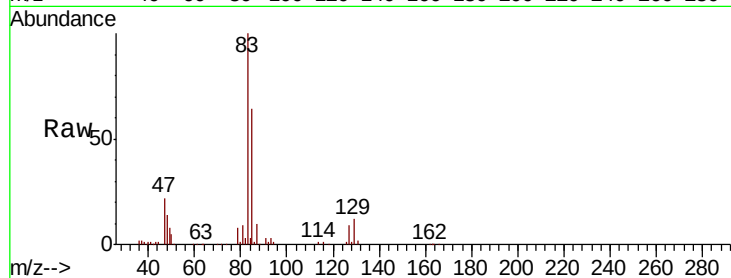
Tgt Ion: 83 Resp: 64484

Ion Ratio Lower Upper

83 100

85 64.1 49.4 74.2

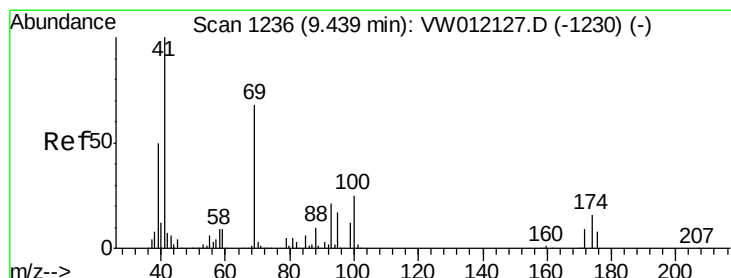
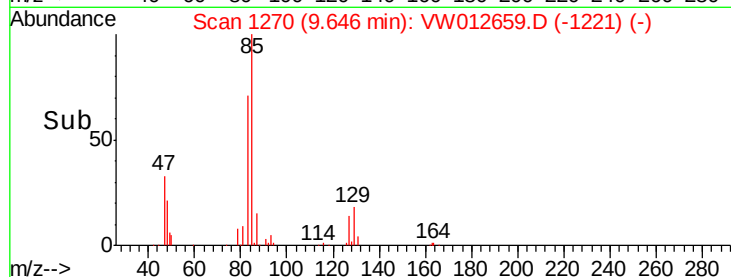
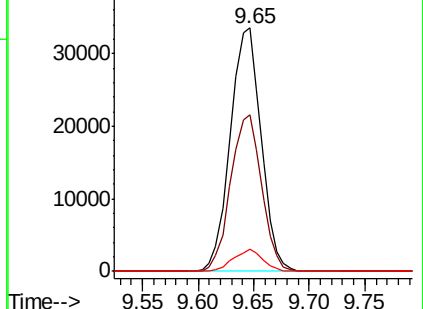
127 9.0 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 24.049 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

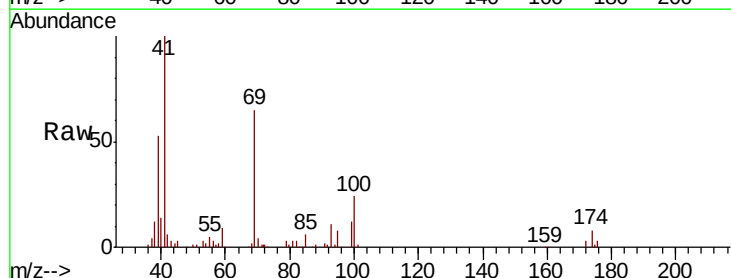
Tgt Ion: 41 Resp: 38919

Ion Ratio Lower Upper

41 100

69 73.6 56.7 85.1

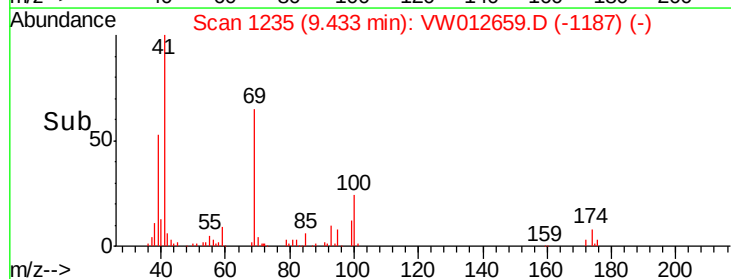
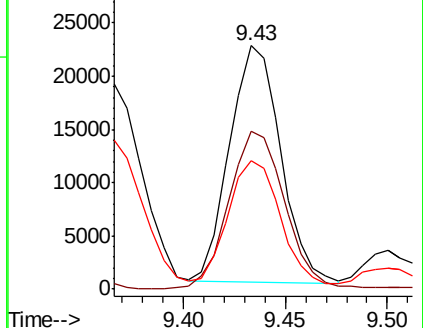
39 56.8 42.0 63.0

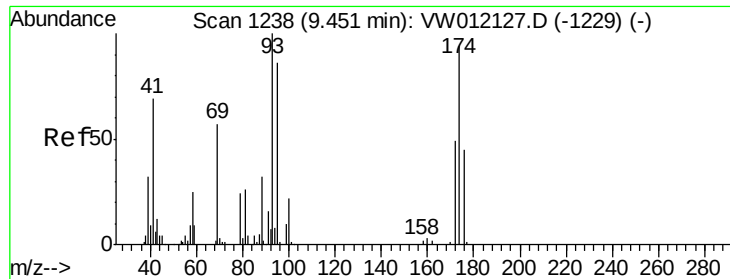


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 517.073 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

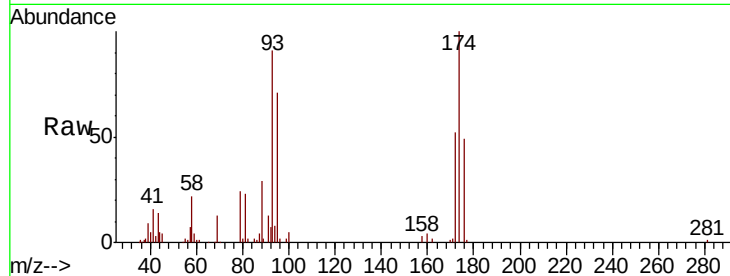
Tgt Ion: 88 Resp: 8670

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

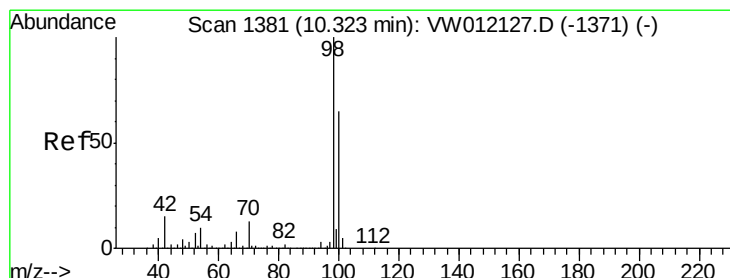
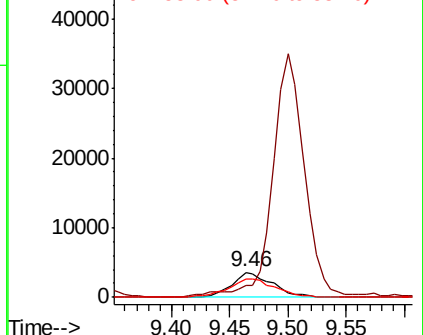
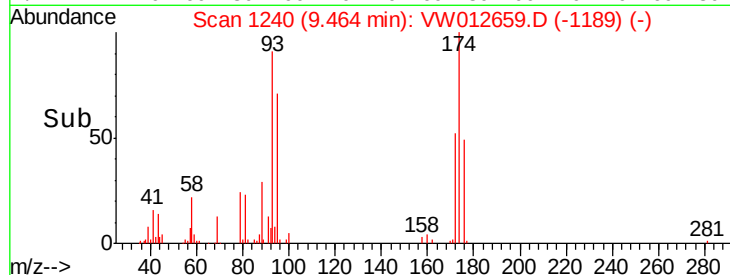
58 86.6 71.0 106.4



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 47.783 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012659.D

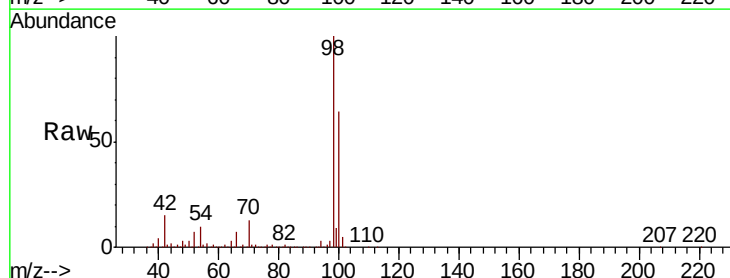
Acq: 06 Sep 2019 00:03

Tgt Ion: 98 Resp: 374877

Ion Ratio Lower Upper

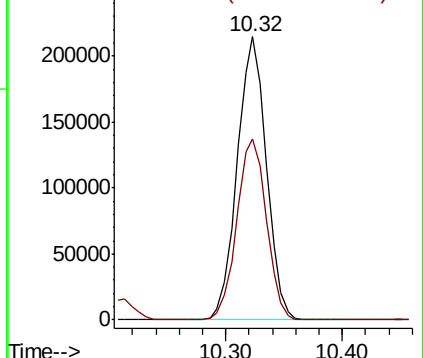
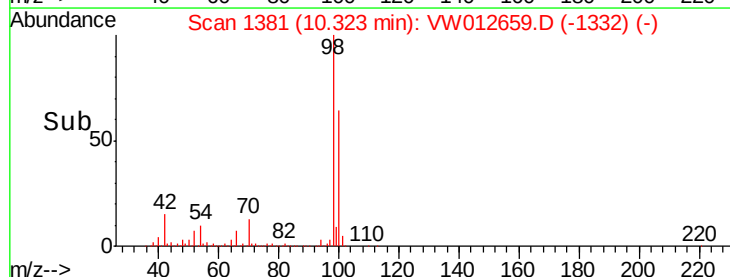
98 100

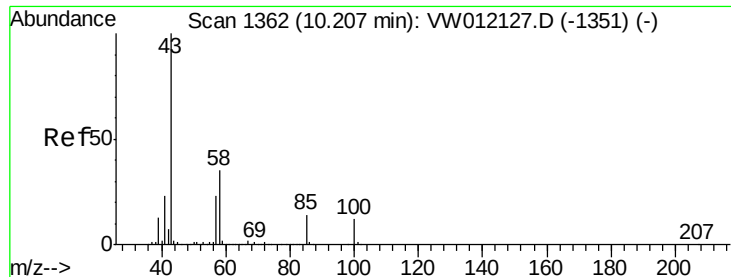
100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

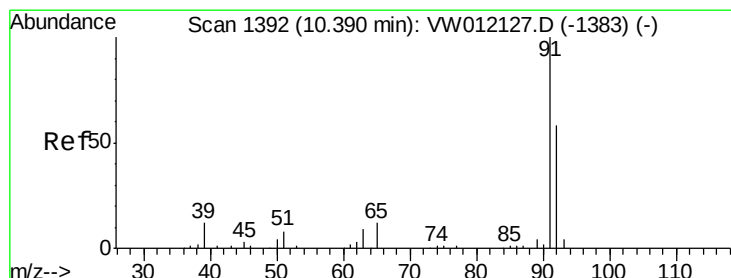
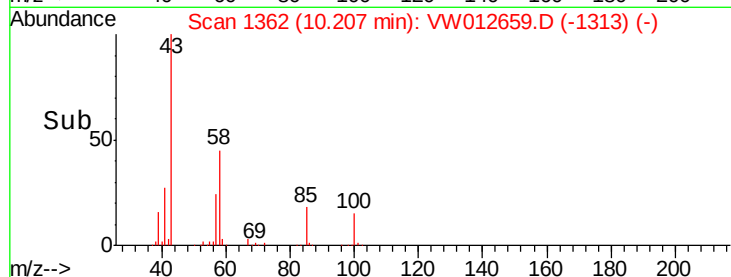
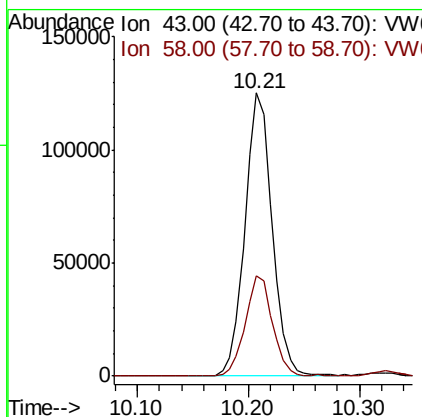
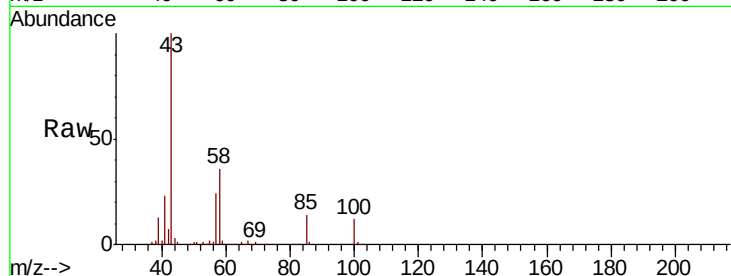




#51
 4-Methyl-2-Pentanone
 Concen: 123.072 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

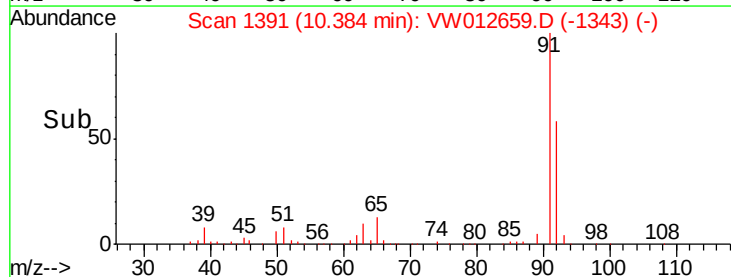
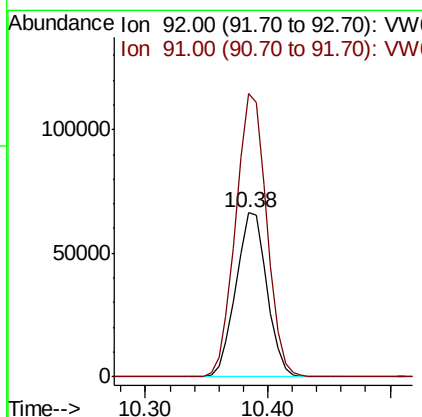
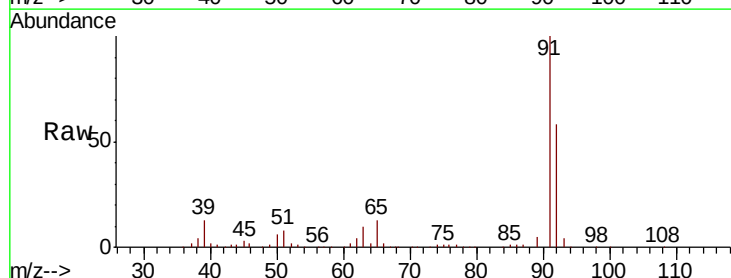
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

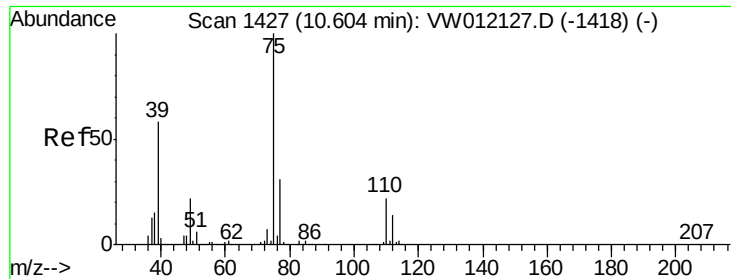
Tgt Ion: 43 Resp: 212845
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.2 42.2



#52
 Toluene
 Concen: 21.200 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion: 92 Resp: 116490
 Ion Ratio Lower Upper
 92 100
 91 172.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 22.550 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

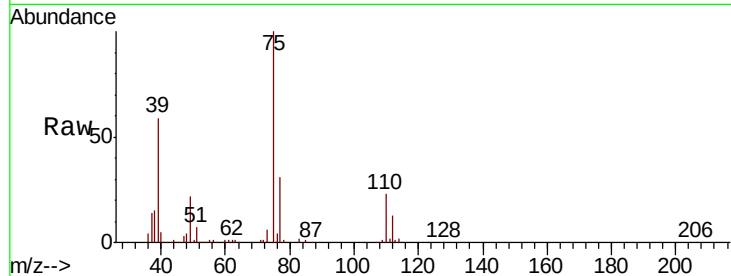
VW0905SBS04

Tgt Ion: 75 Resp: 66957

Ion Ratio Lower Upper

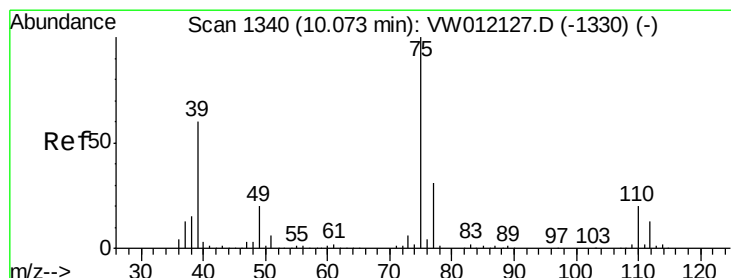
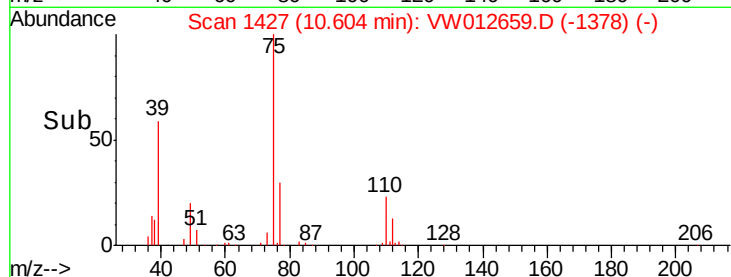
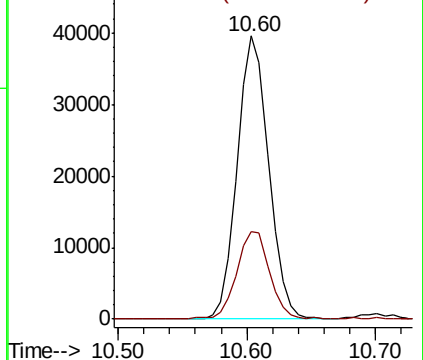
75 100

77 30.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.313 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

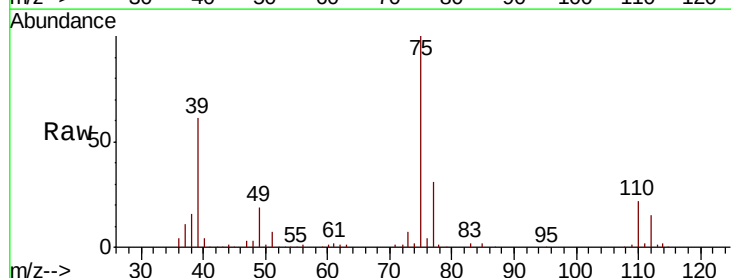
Tgt Ion: 75 Resp: 76411

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

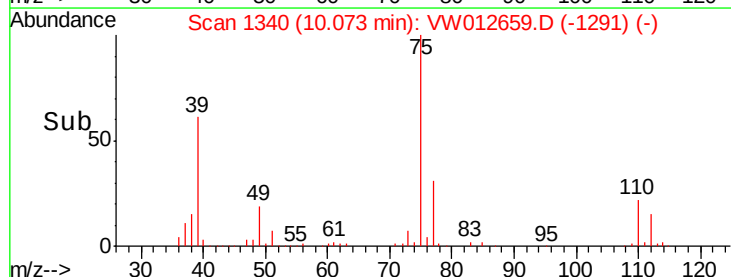
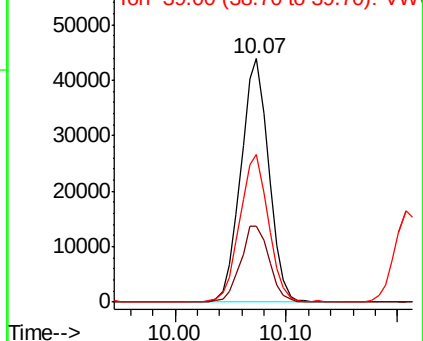
39 60.4 48.3 72.5

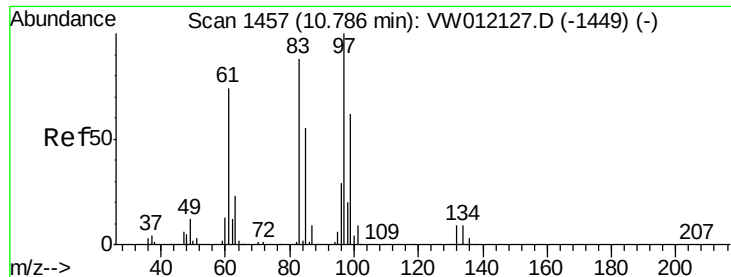


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

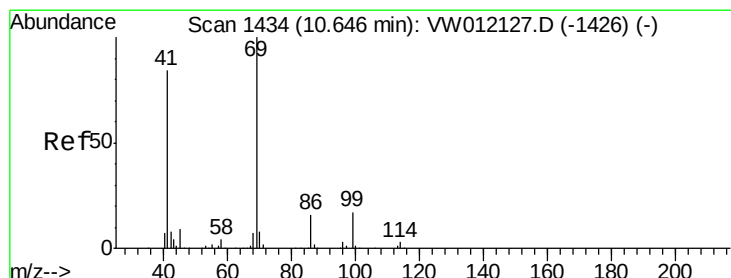
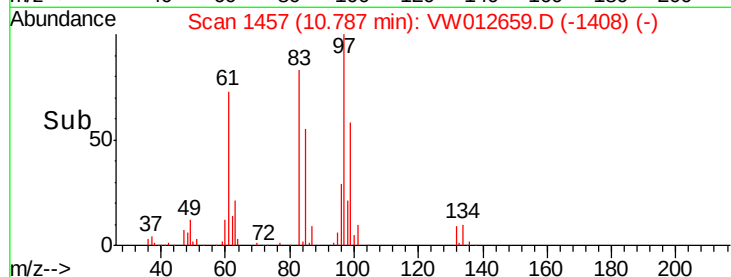
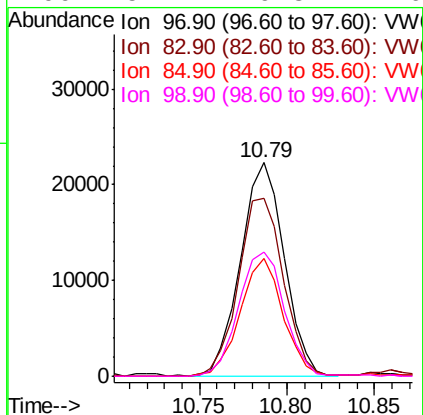
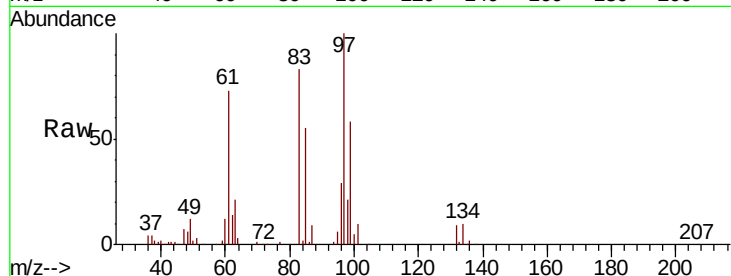




#55
 1,1,2-Trichloroethane
 Concen: 25.081 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

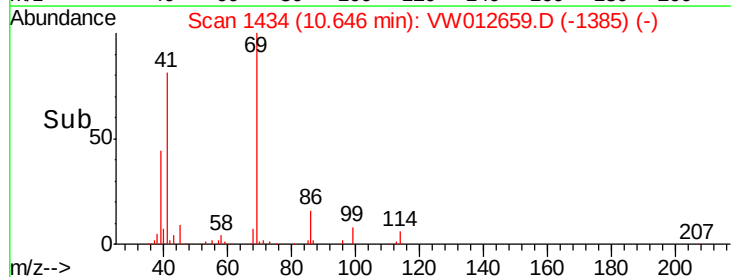
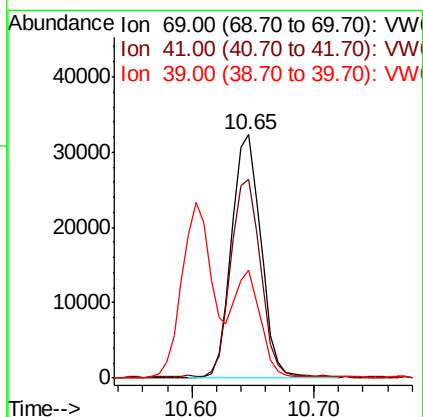
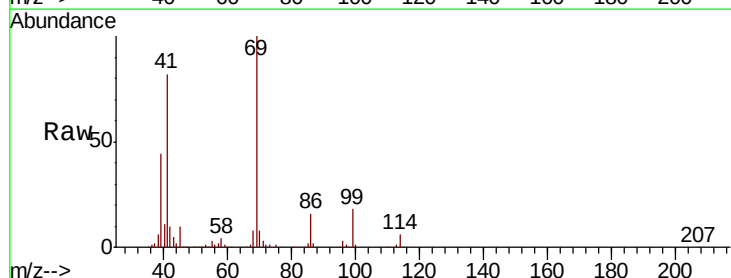
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

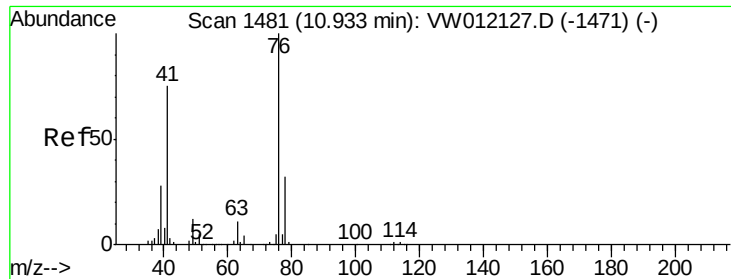
Tgt Ion:	97	Resp:	38868
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.8	106.2
85	54.9	43.8	65.8
99	57.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 23.825 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion:	69	Resp:	53735
Ion	Ratio	Lower	Upper
69	100		
41	83.8	66.5	99.7
39	38.5	31.0	46.4

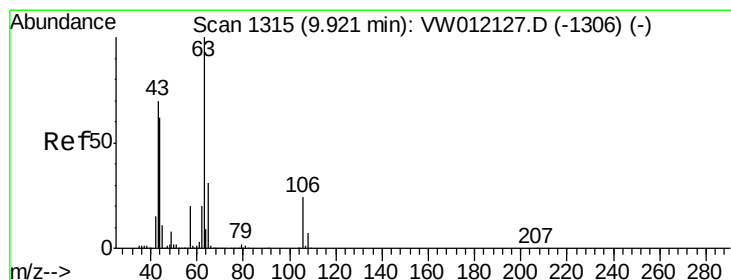
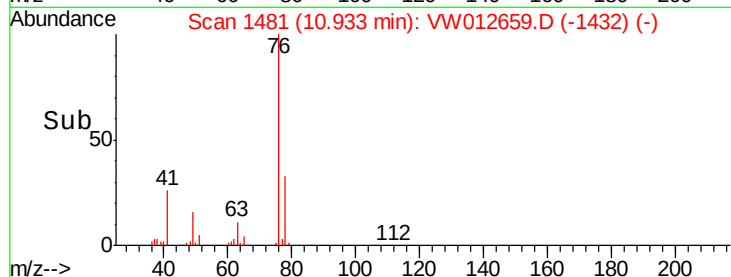
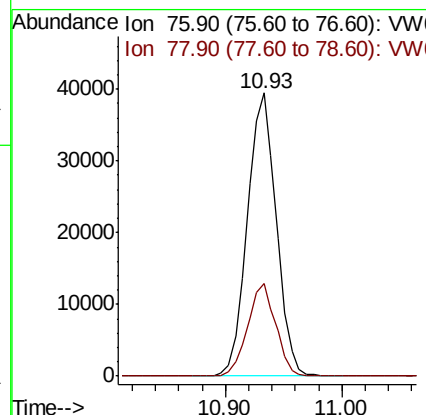
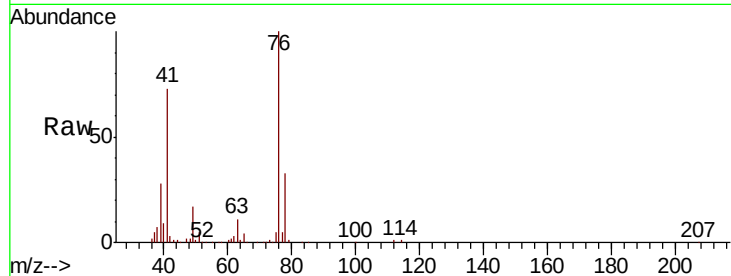




#57
 1,3-Dichloropropane
 Concen: 23.348 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

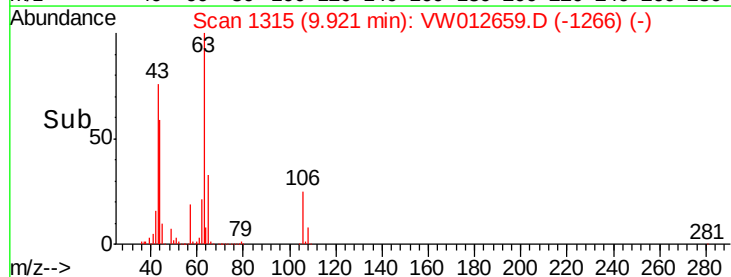
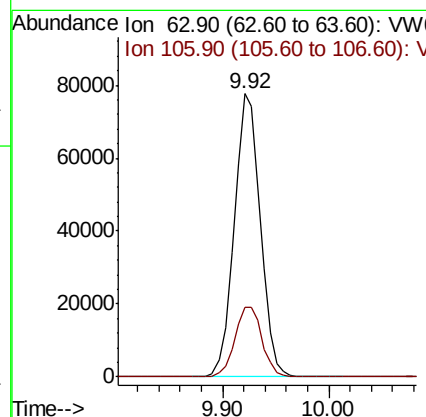
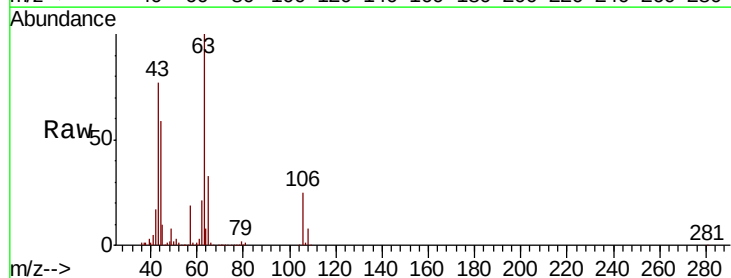
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

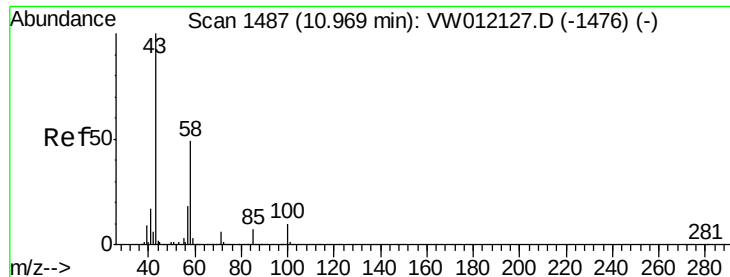
Tgt Ion: 76 Resp: 68373
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.176 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion: 63 Resp: 133319
 Ion Ratio Lower Upper
 63 100
 106 25.8 19.8 29.8

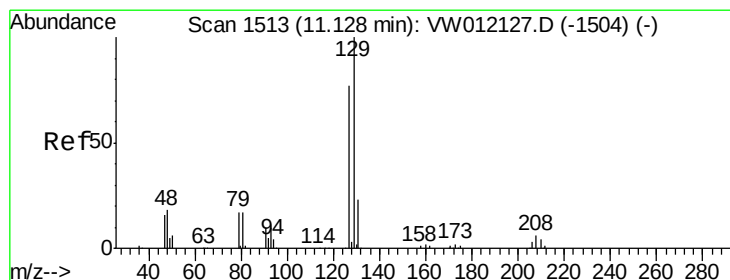
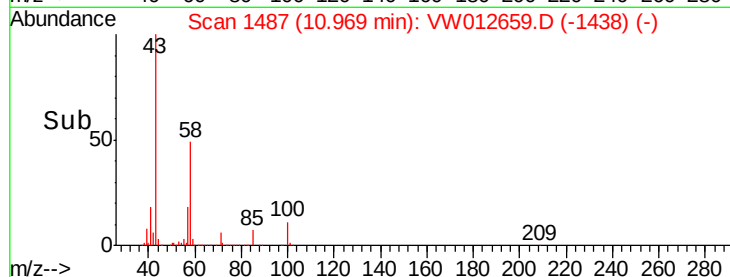
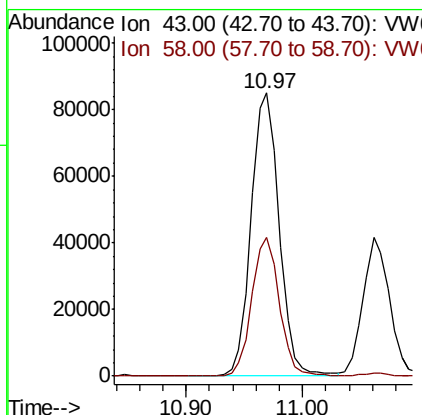
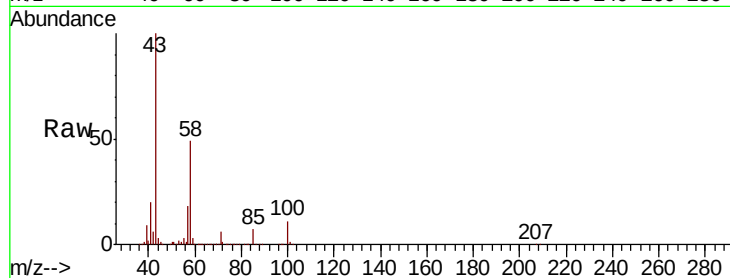




#59
2-Hexanone
Concen: 116.788 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

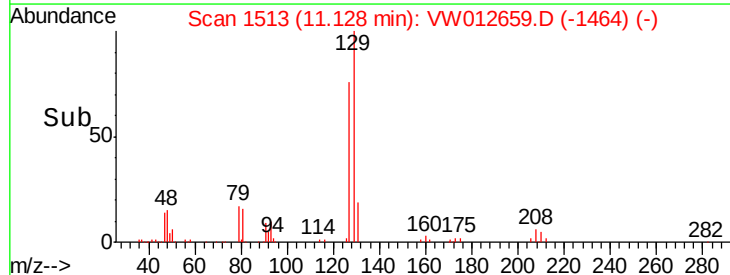
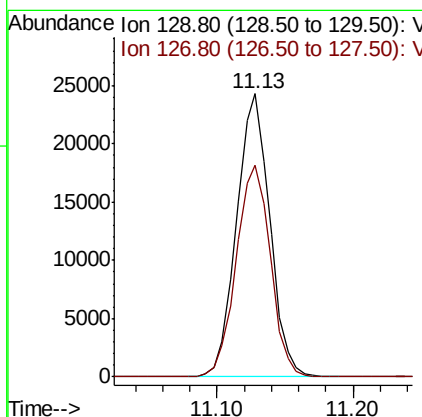
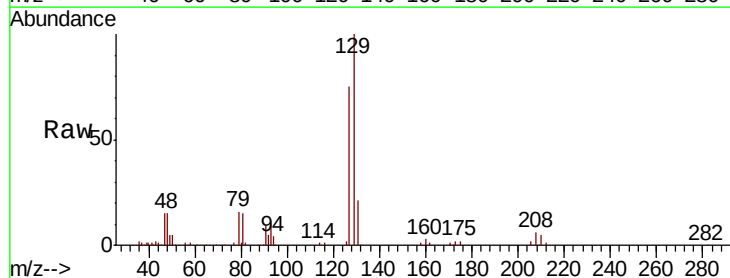
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

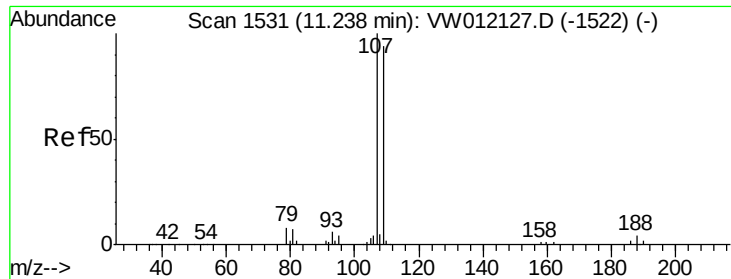
Tgt Ion: 43 Resp: 142912
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.9



#60
Dibromochloromethane
Concen: 24.002 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion: 129 Resp: 41430
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 23.295 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

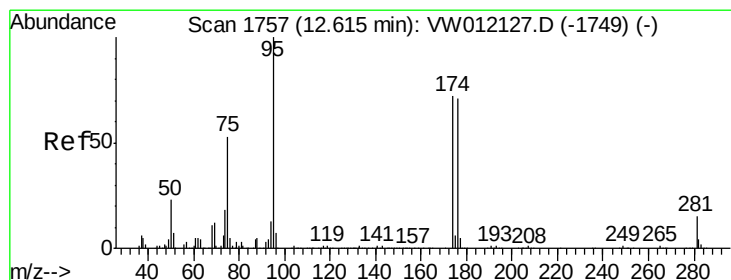
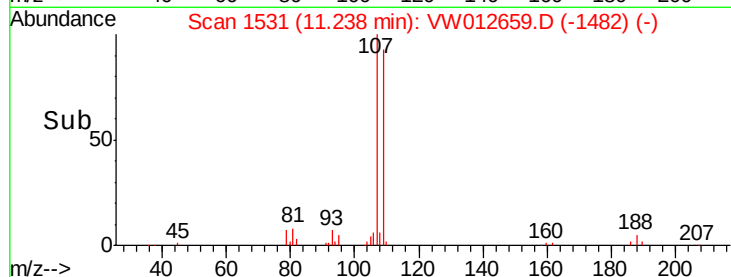
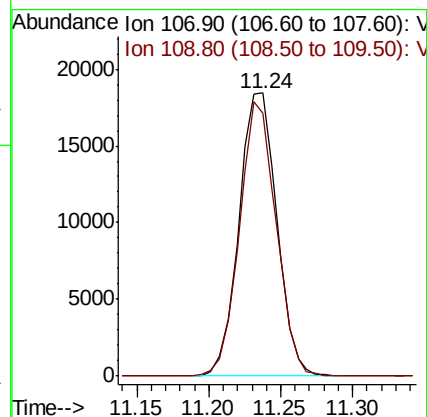
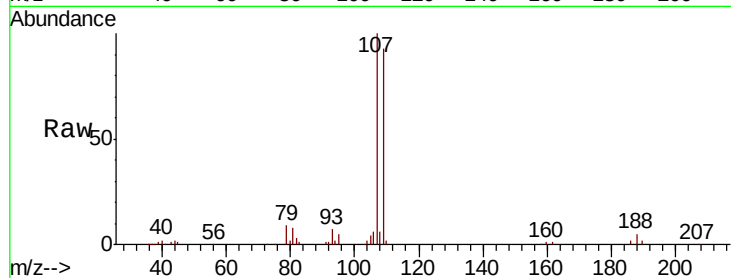
VW0905SBS04

Tgt Ion: 107 Resp: 33632

Ion Ratio Lower Upper

107 100

109 93.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.298 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

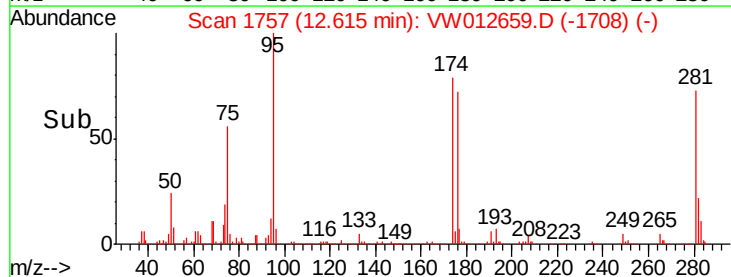
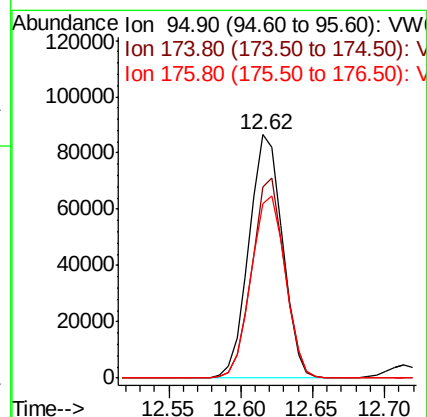
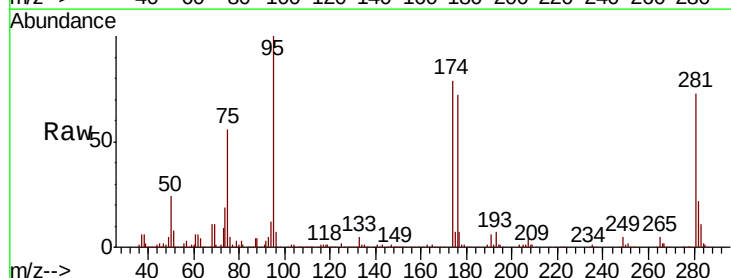
Tgt Ion: 95 Resp: 139100

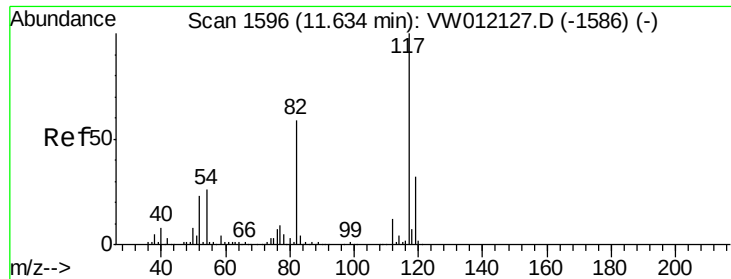
Ion Ratio Lower Upper

95 100

174 80.3 0.0 150.8

176 76.8 0.0 148.6

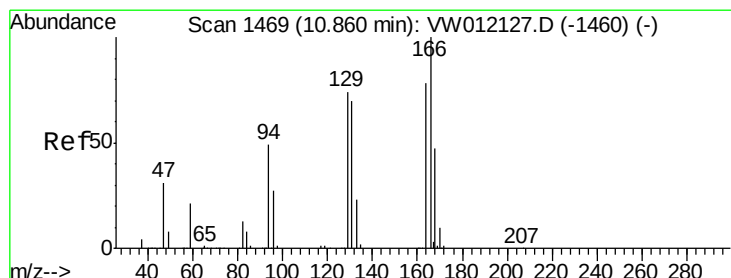
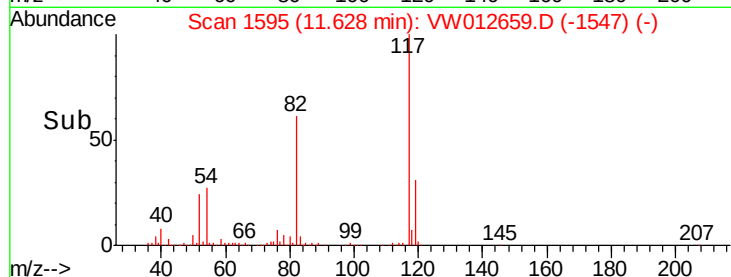
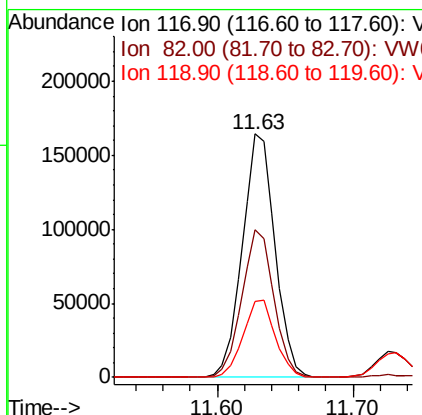
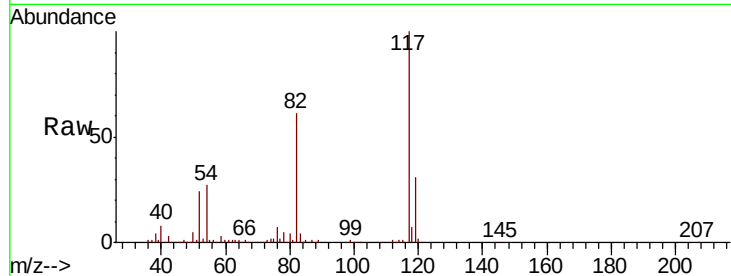




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

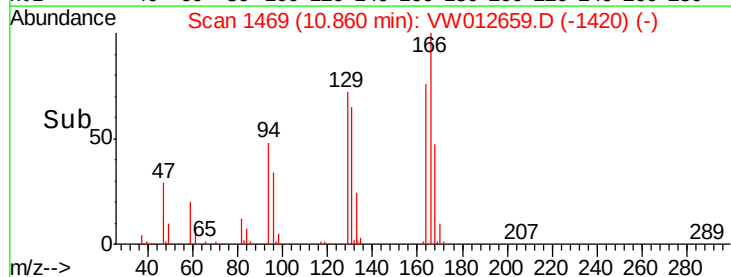
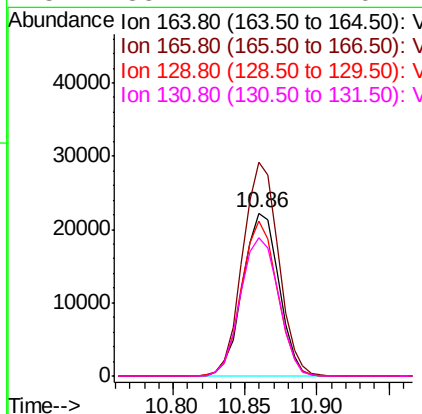
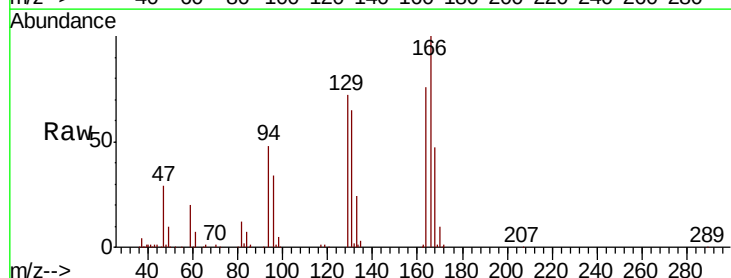
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

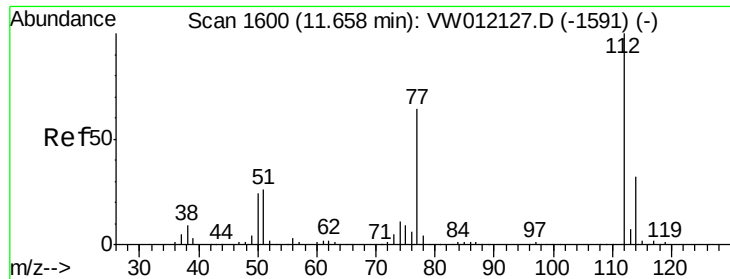
Tgt Ion:117 Resp: 275123
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 31.3 25.4 38.2



#64
Tetrachloroethene
Concen: 21.724 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion:164 Resp: 38750
Ion Ratio Lower Upper
164 100
166 130.9 102.4 153.6
129 94.5 75.8 113.6
131 85.1 71.4 107.2

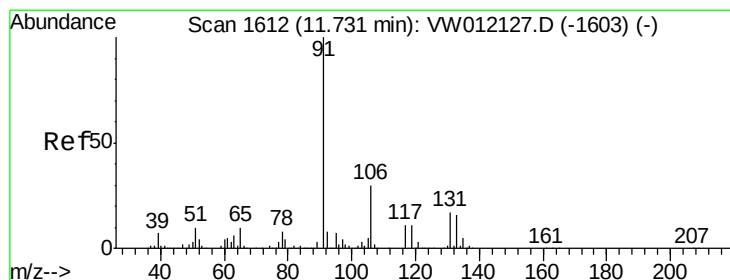
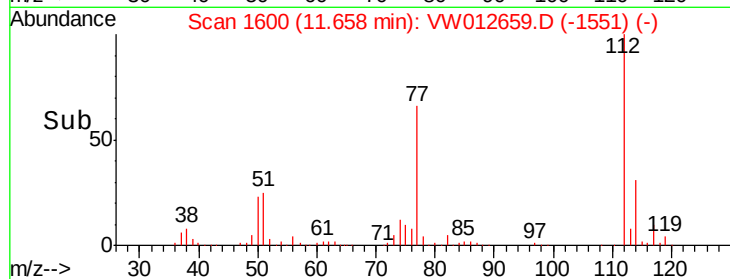
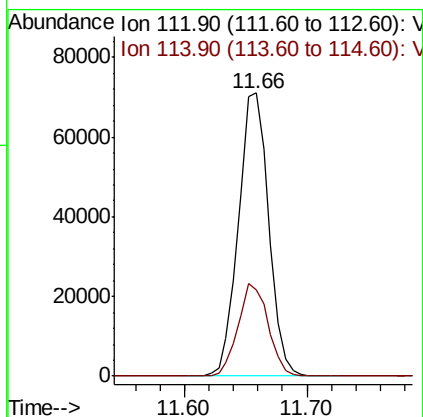
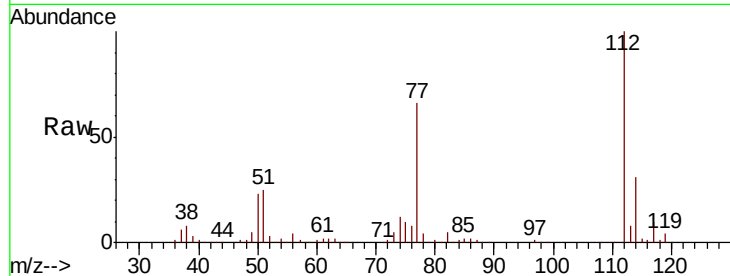




#65
Chlorobenzene
Concen: 22.484 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

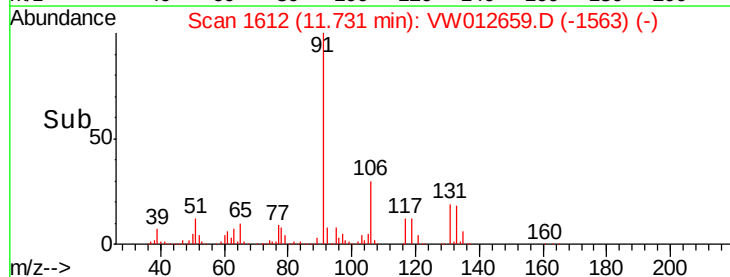
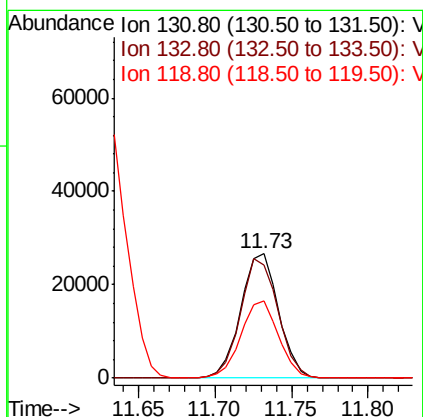
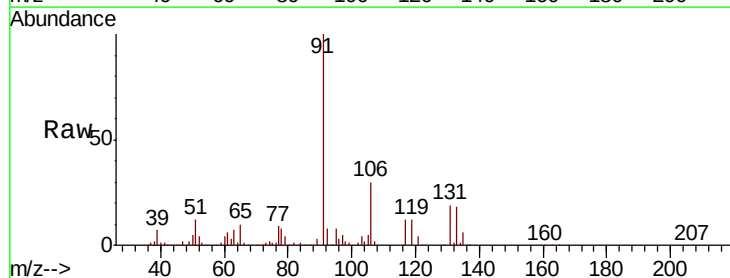
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

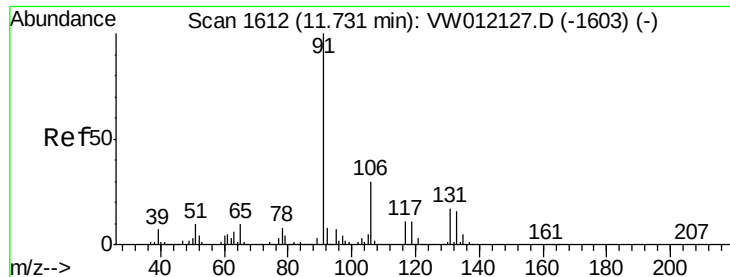
Tgt Ion:112 Resp: 121805
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.234 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion:131 Resp: 45800
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.3
119 62.4 31.8 95.3

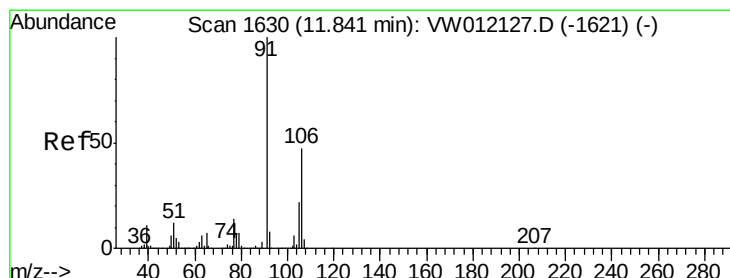
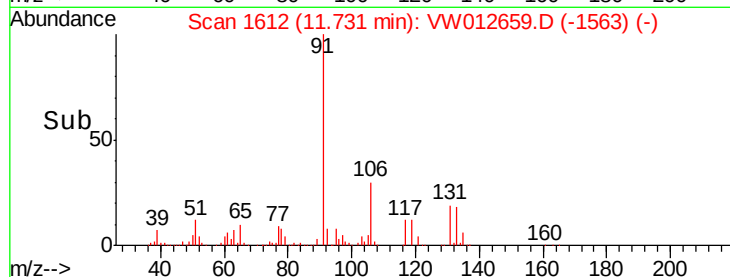
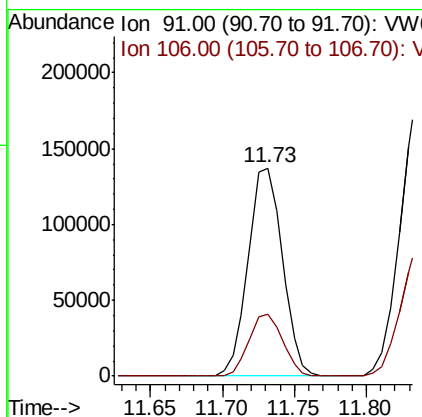
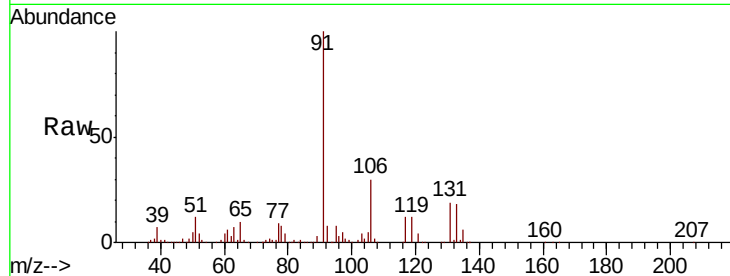




#67
Ethyl Benzene
Concen: 21.741 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

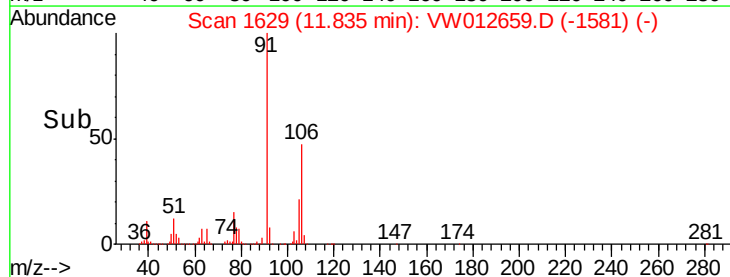
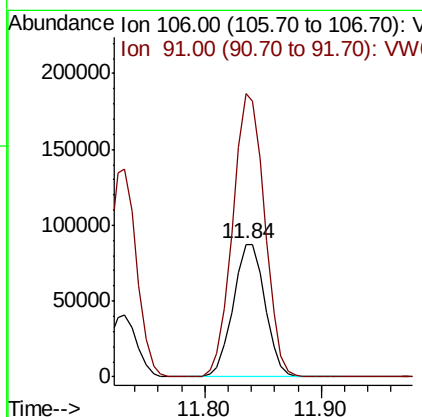
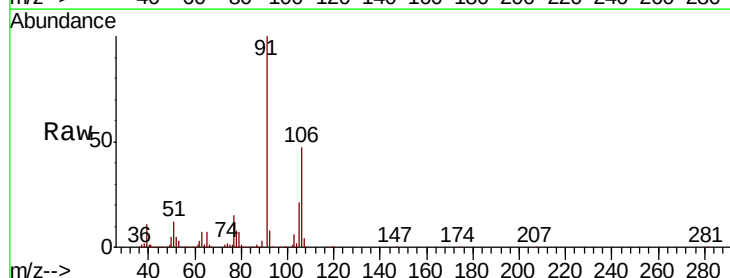
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

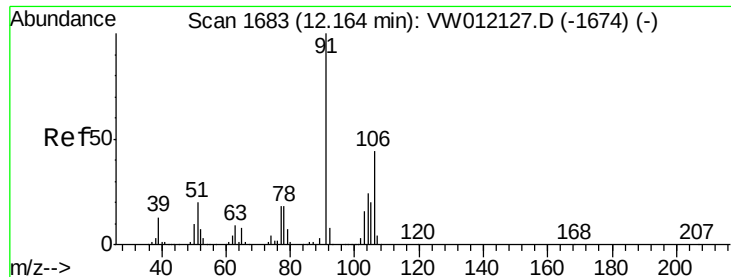
Tgt Ion: 91 Resp: 226887
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 44.564 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion: 106 Resp: 167518
Ion Ratio Lower Upper
106 100
91 212.5 169.5 254.3

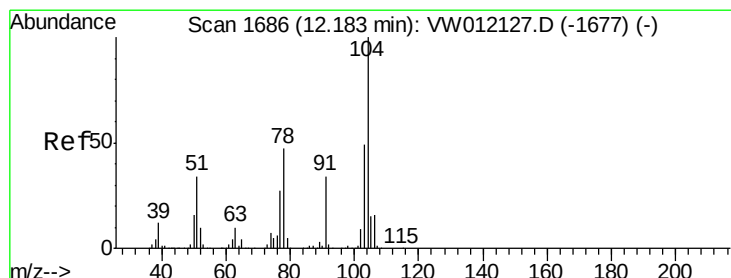
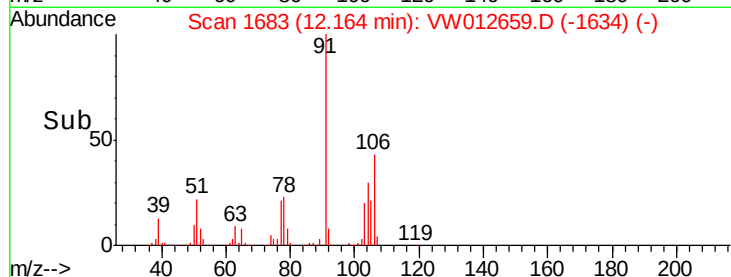
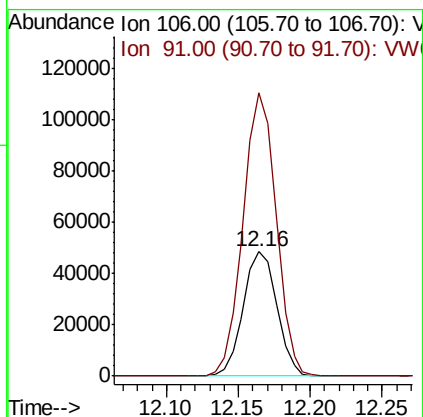
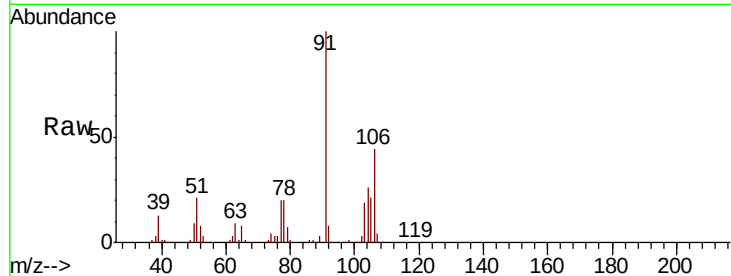




#69
o-Xylene
Concen: 22.574 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

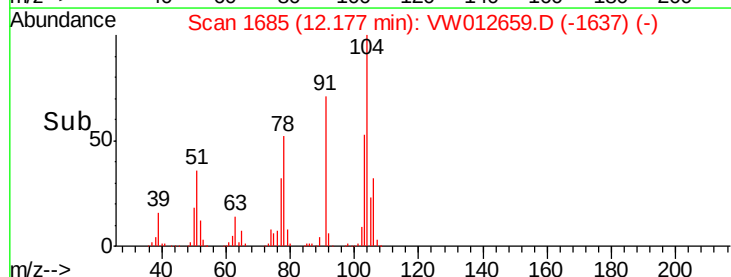
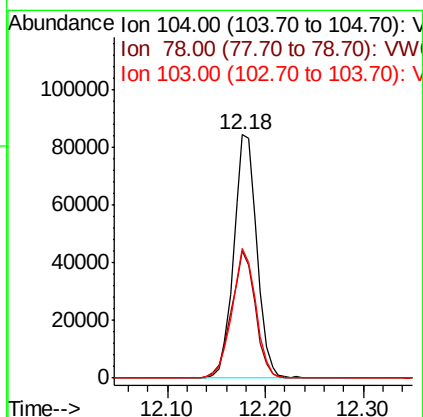
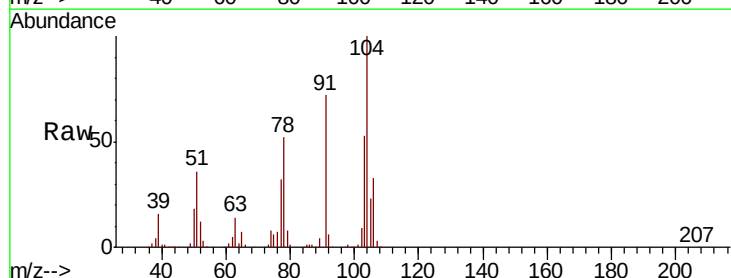
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

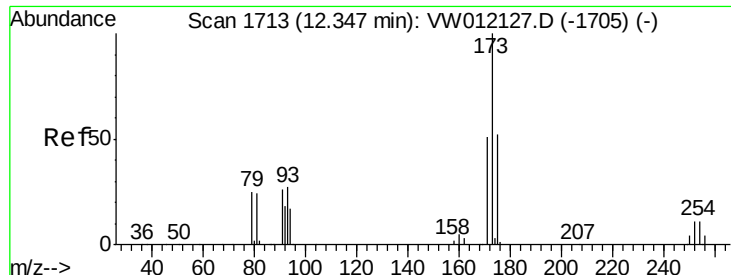
Tgt Ion:106 Resp: 78537
Ion Ratio Lower Upper
106 100
91 224.9 111.6 334.6



#70
Styrene
Concen: 22.854 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion:104 Resp: 137629
Ion Ratio Lower Upper
104 100
78 54.0 43.1 64.7
103 55.0 43.5 65.3





#71

Bromoform

Concen: 25.532 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

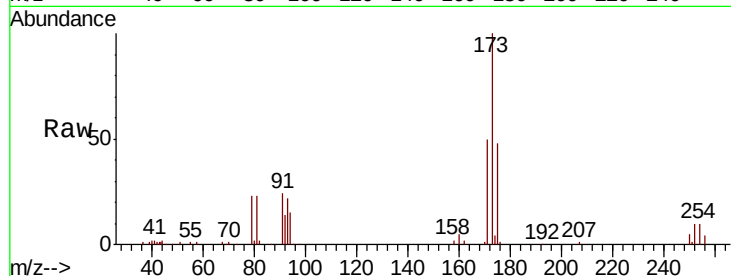
Tgt Ion:173 Resp: 24041

Ion Ratio Lower Upper

173 100

175 49.3 24.6 74.0

254 0.0 0.2 0.2#

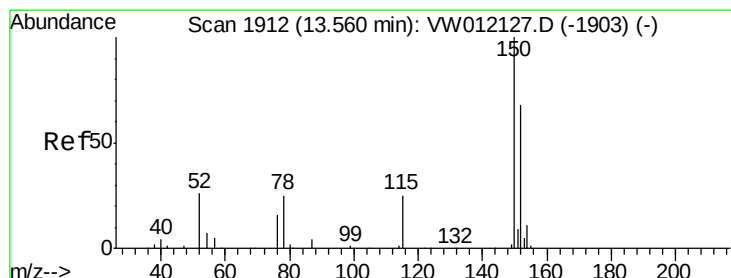
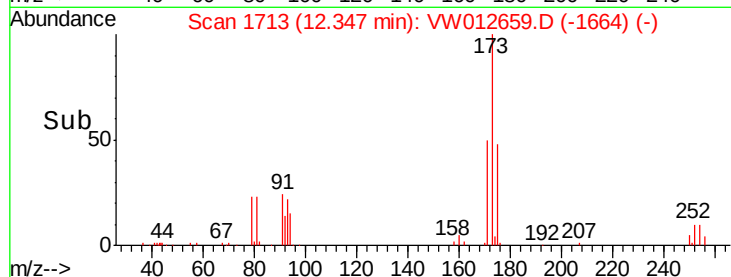
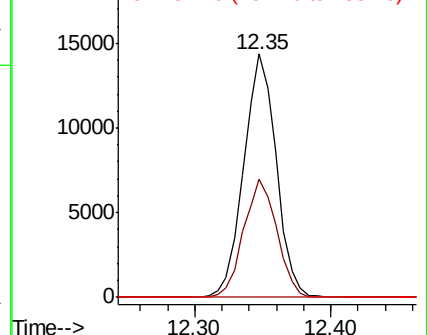


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

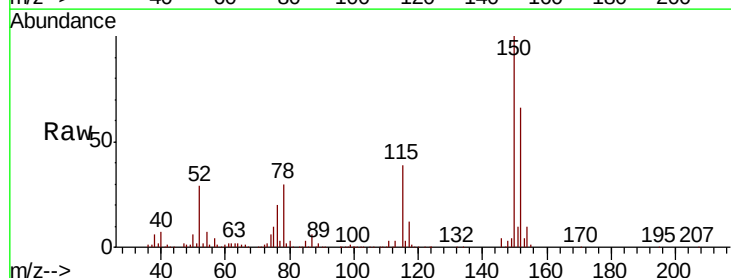
Tgt Ion:152 Resp: 125408

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

150 163.1 0.0 345.8

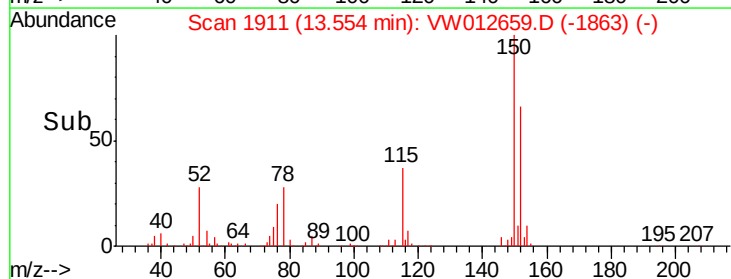
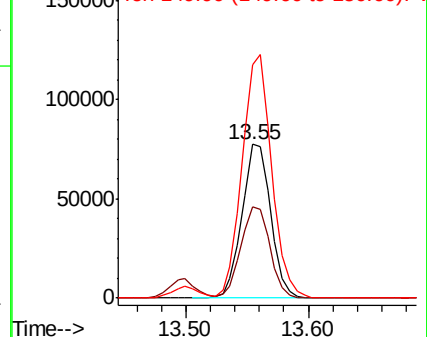


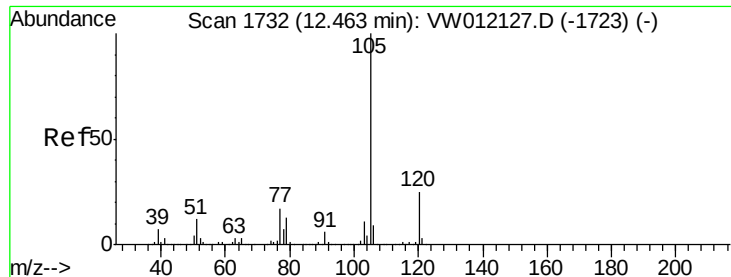
Abundance

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: 23.456 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

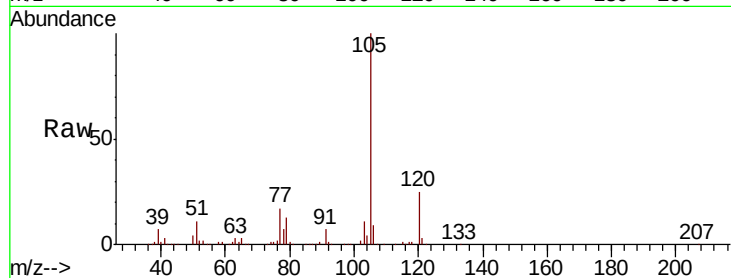
VW0905SBS04

Tgt Ion: 105 Resp: 220419

Ion Ratio Lower Upper

105 100

120 25.2 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

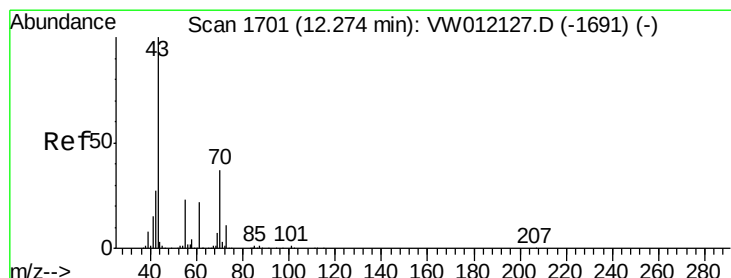
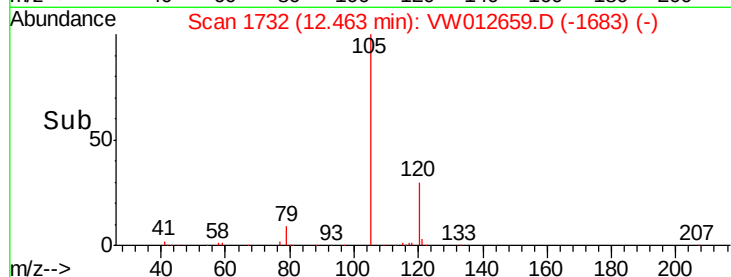
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 23.453 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Tgt Ion: 43 Resp: 66586

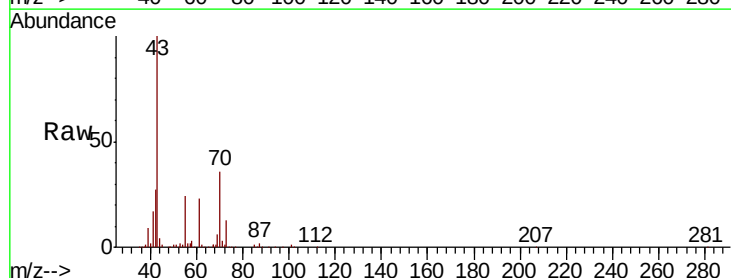
Ion Ratio Lower Upper

43 100

70 37.5 28.6 43.0

55 23.6 17.8 26.6

61 22.2 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

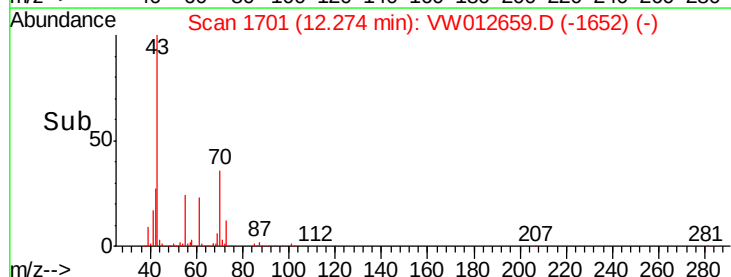
60000

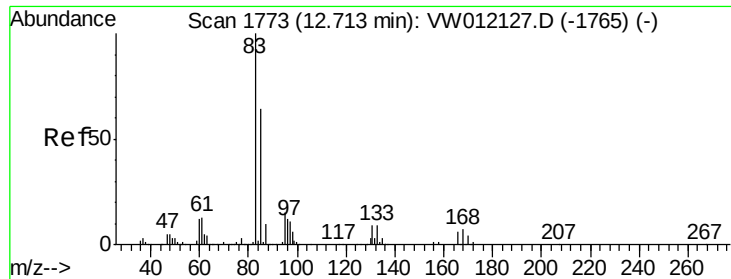
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 25.641 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

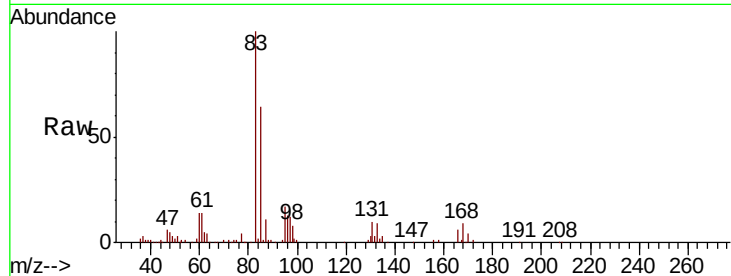
Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

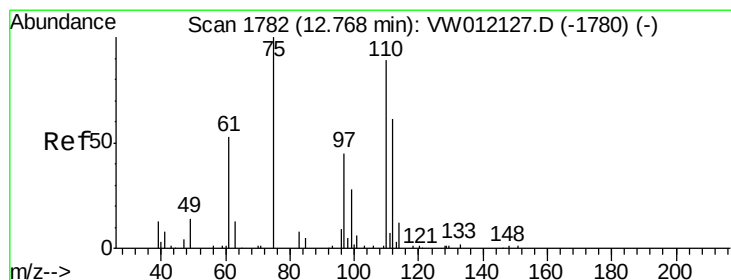
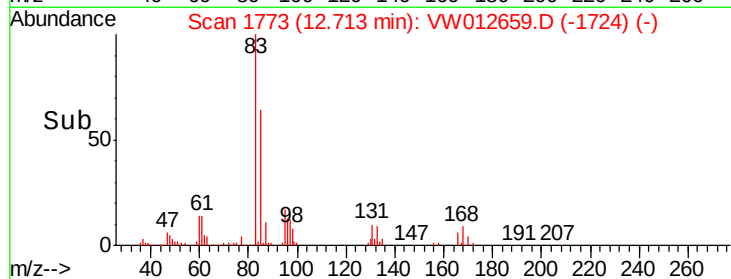
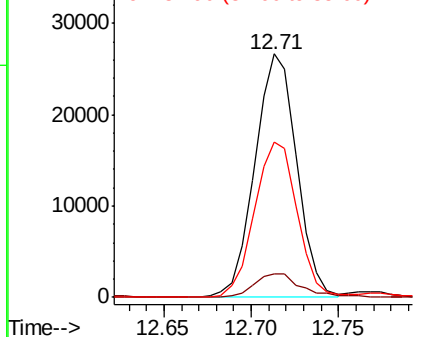
Tgt Ion:	83	Resp:	44173
Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.9	14.7
85	65.3	31.9	95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 48.958 ug/l

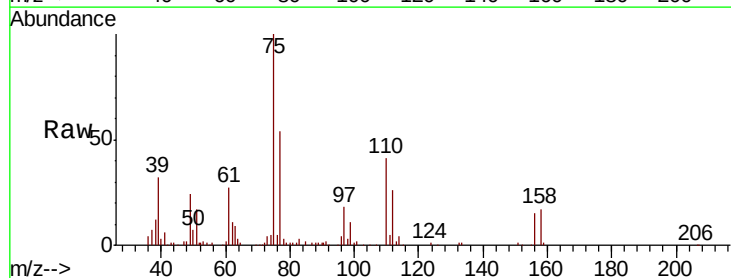
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012659.D

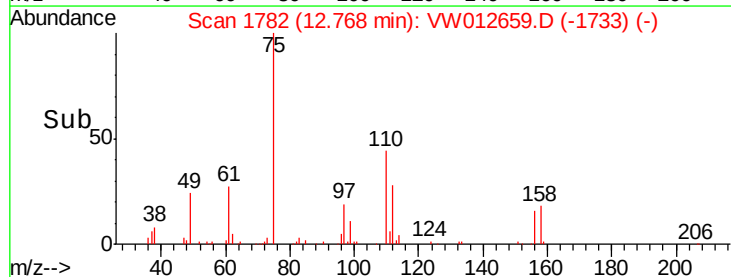
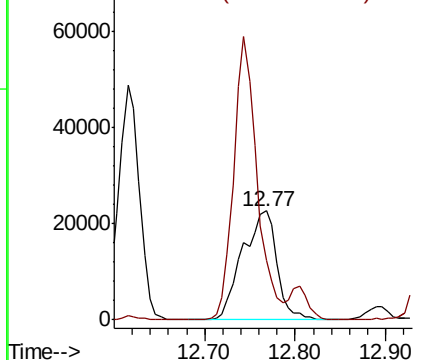
Acq: 06 Sep 2019 00:03

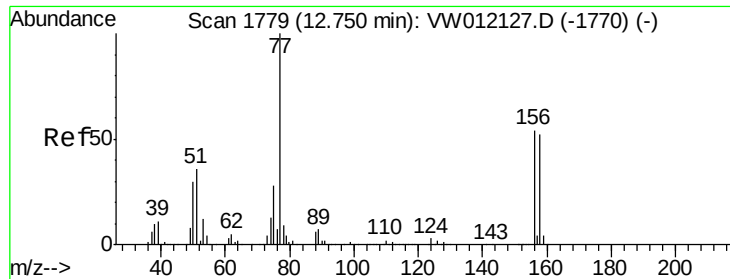
Tgt Ion:	75	Resp:	59796
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 25.365 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

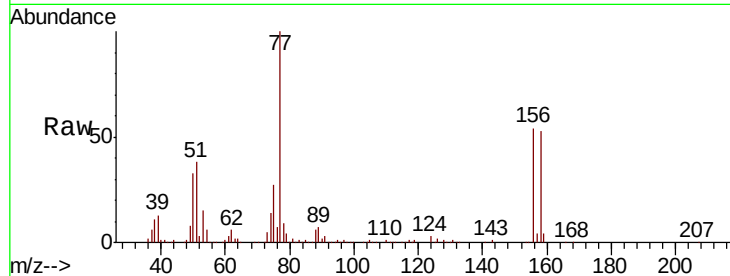
Tgt Ion:156 Resp: 51566

Ion Ratio Lower Upper

156 100

77 205.0 107.3 321.8

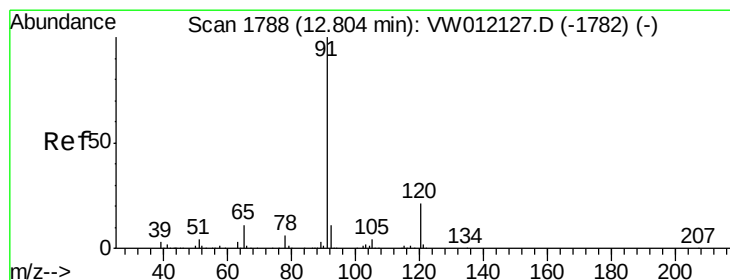
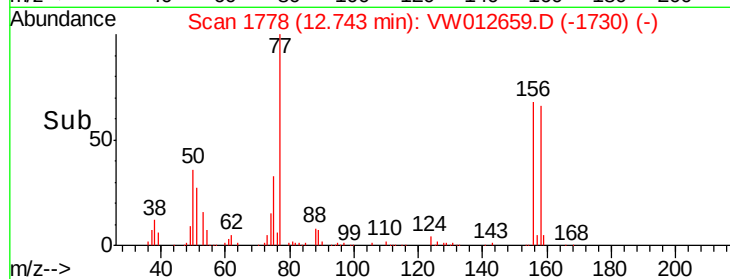
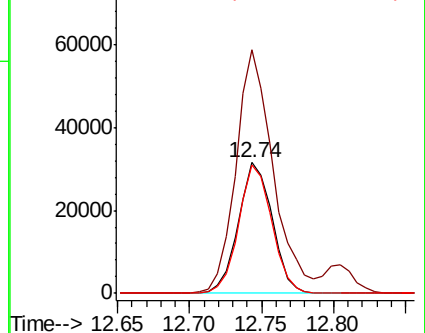
158 96.2 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.734 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012659.D

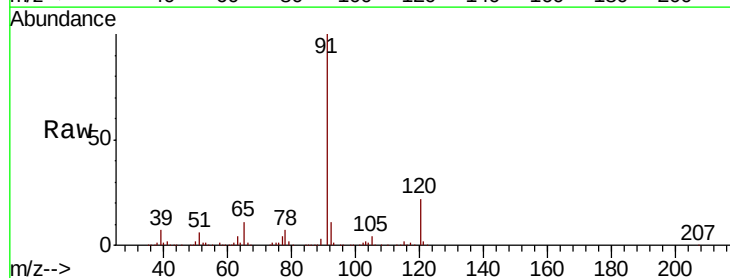
Acq: 06 Sep 2019 00:03

Tgt Ion: 91 Resp: 249332

Ion Ratio Lower Upper

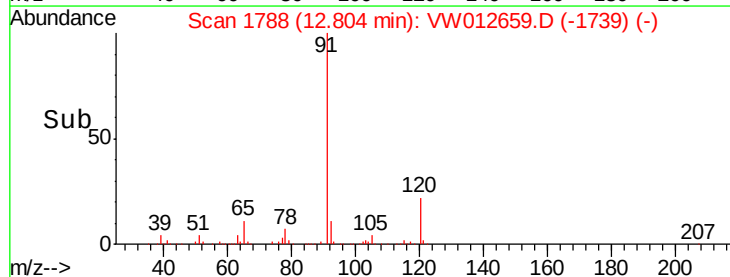
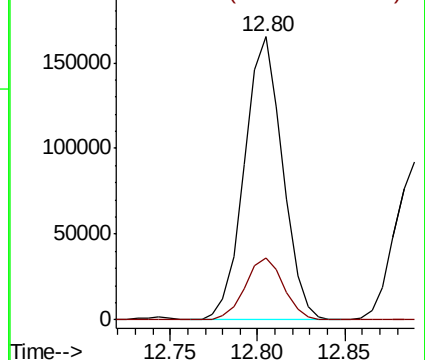
91 100

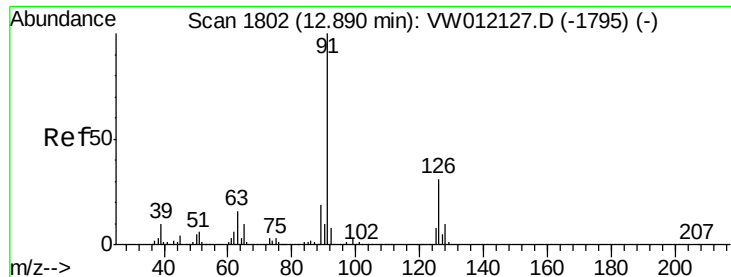
120 22.1 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.693 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampled :

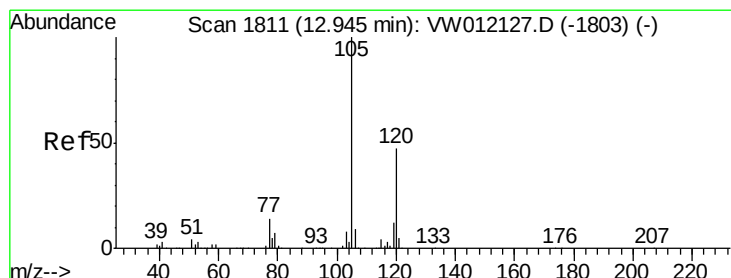
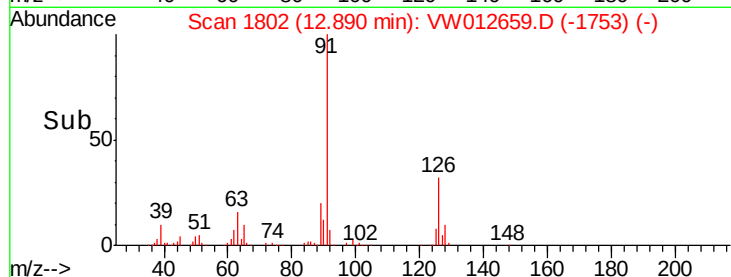
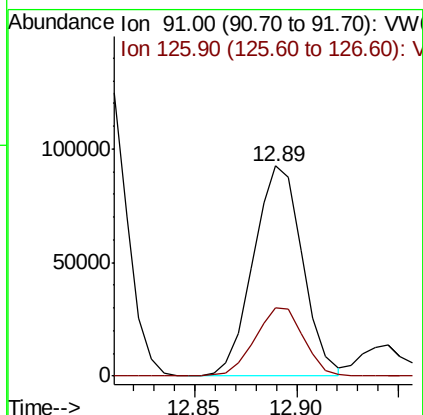
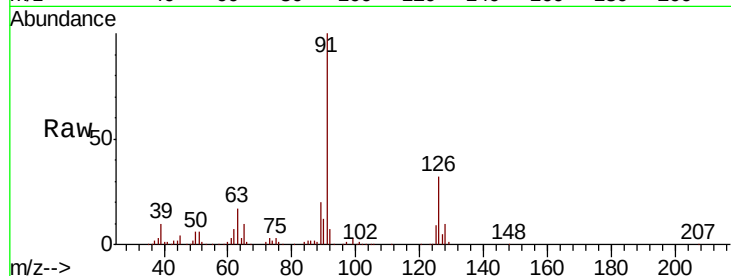
VW0905SBS04

Tgt Ion: 91 Resp: 154315

Ion Ratio Lower Upper

91 100

126 32.3 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 24.345 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012659.D

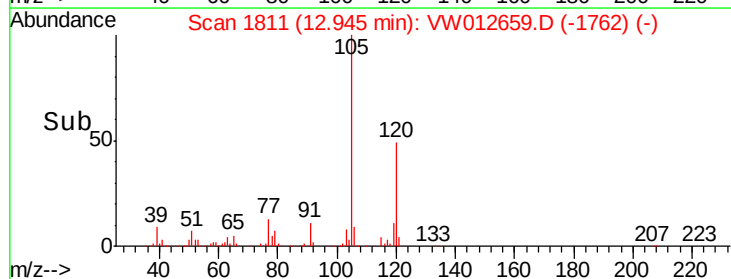
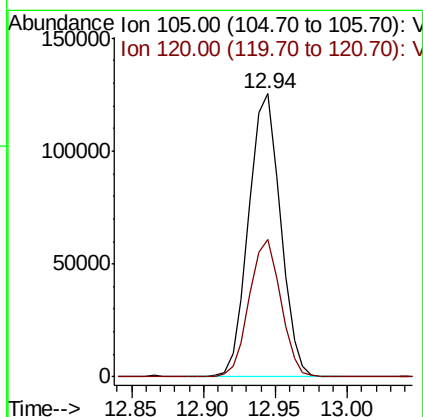
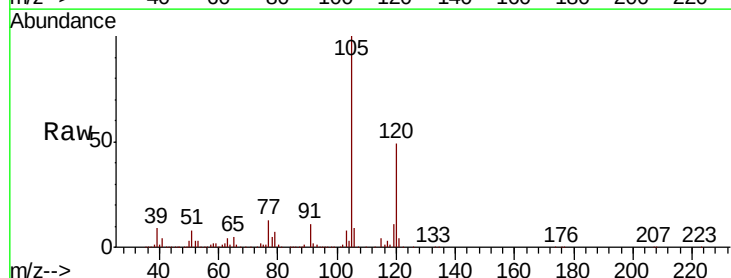
Acq: 06 Sep 2019 00:03

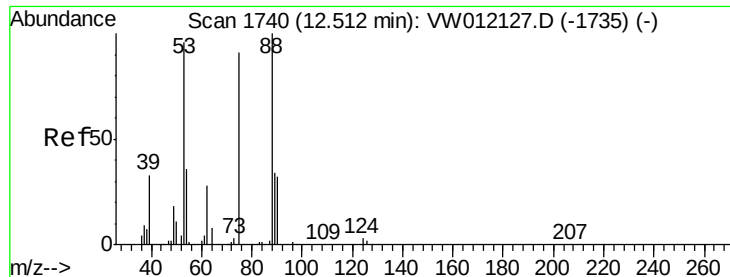
Tgt Ion: 105 Resp: 191156

Ion Ratio Lower Upper

105 100

120 48.4 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 23.836 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

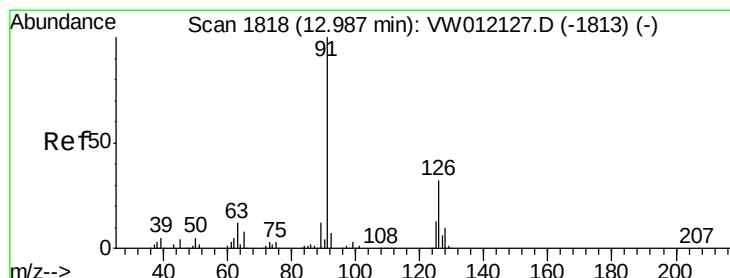
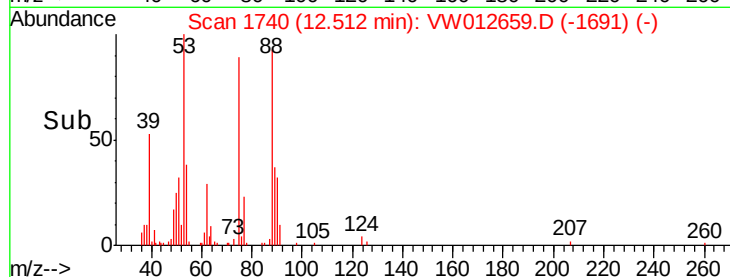
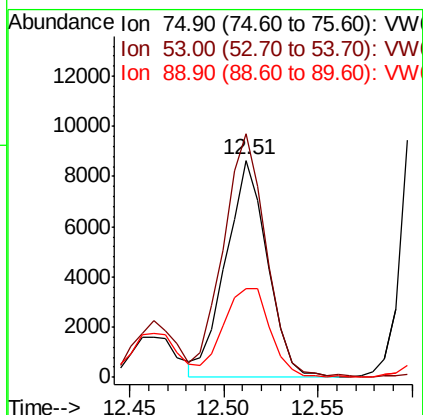
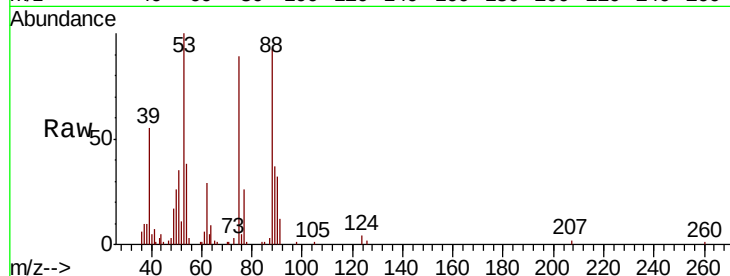
Tgt Ion: 75 Resp: 13278

Ion Ratio Lower Upper

75 100

53 116.0 89.4 134.0

89 45.6 34.5 51.7



#82

4-Chlorotoluene

Concen: 24.061 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012659.D

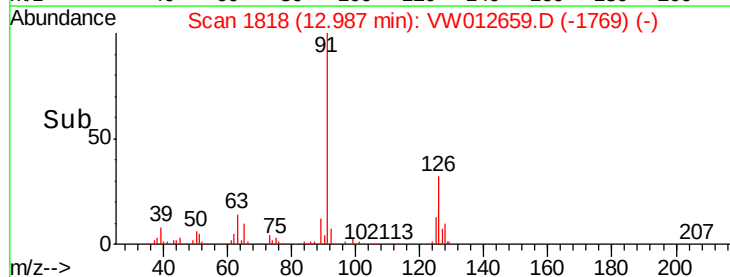
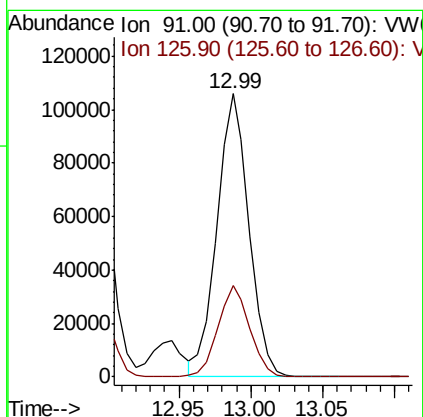
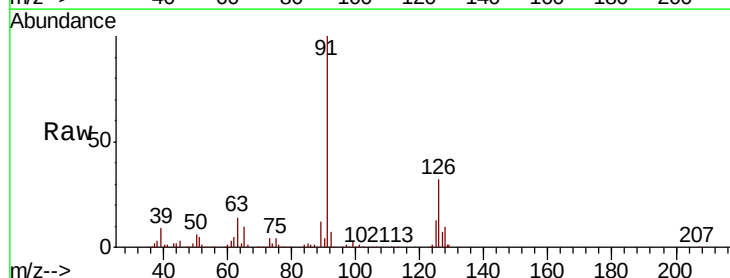
Acq: 06 Sep 2019 00:03

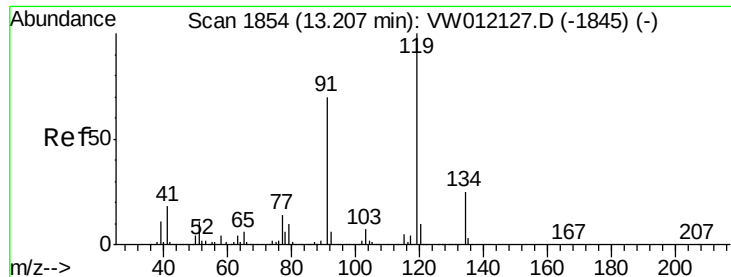
Tgt Ion: 91 Resp: 164088

Ion Ratio Lower Upper

91 100

126 32.0 15.6 46.8





#83

tert-Butylbenzene

Concen: 24.475 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampled :

VW0905SBS04

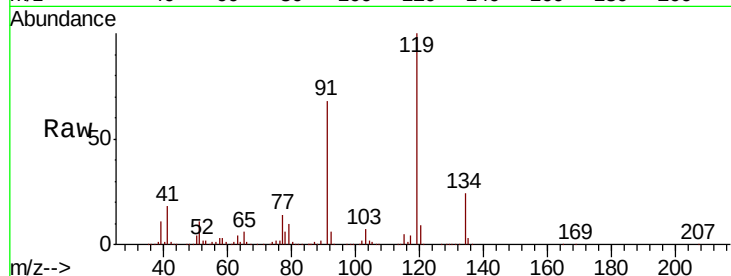
Tgt Ion:119 Resp: 162793

Ion Ratio Lower Upper

119 100

91 68.8 34.8 104.3

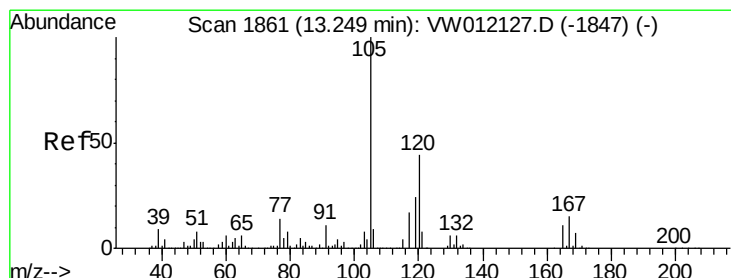
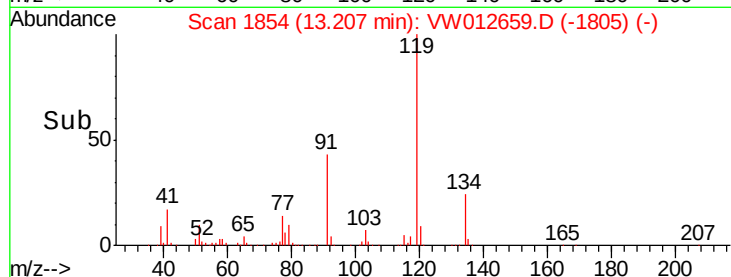
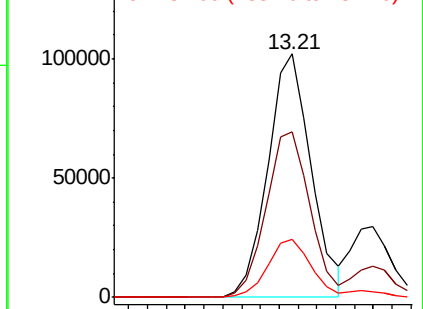
134 24.3 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 24.340 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW012659.D

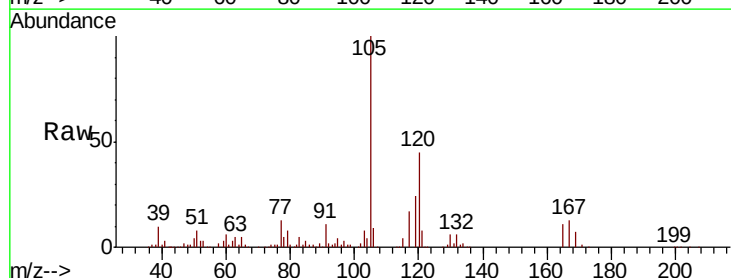
Acq: 06 Sep 2019 00:03

Tgt Ion:105 Resp: 191984

Ion Ratio Lower Upper

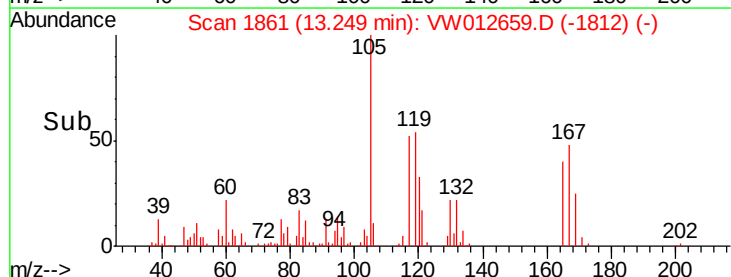
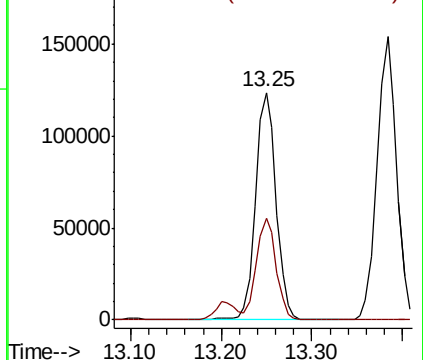
105 100

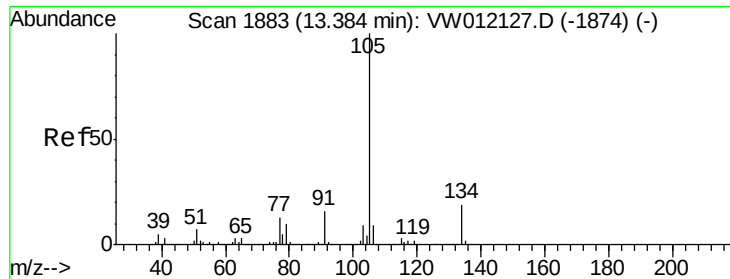
120 43.0 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

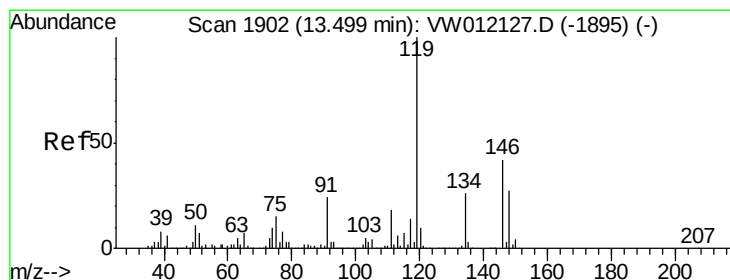
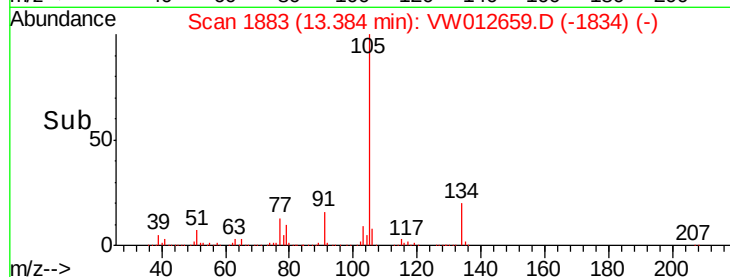
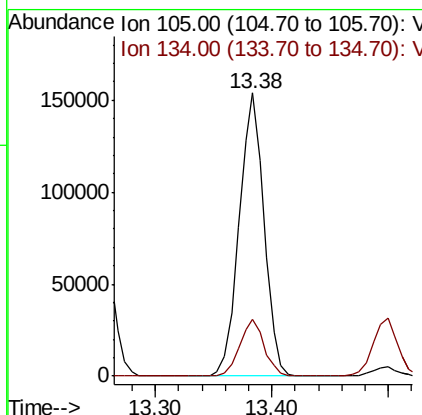
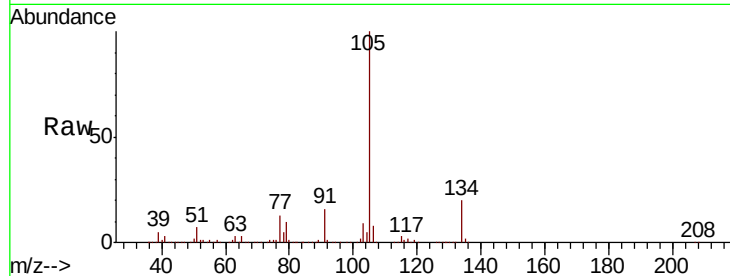




#85
 sec-Butylbenzene
 Concen: 24.002 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

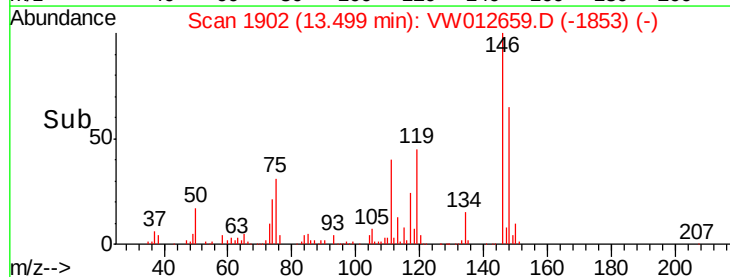
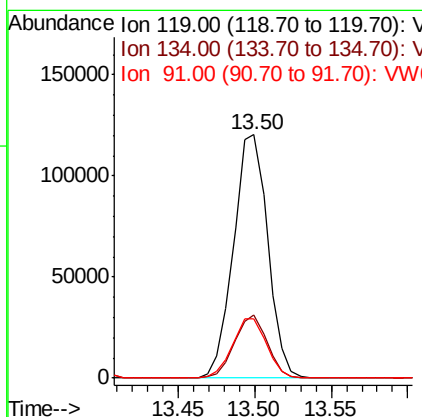
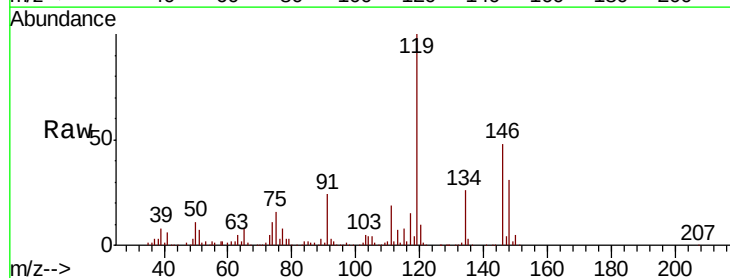
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

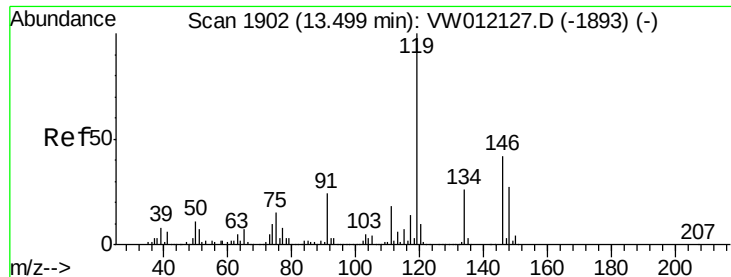
Tgt Ion:105 Resp: 228726
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.973 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion:119 Resp: 186997
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.3
 91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 23.003 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

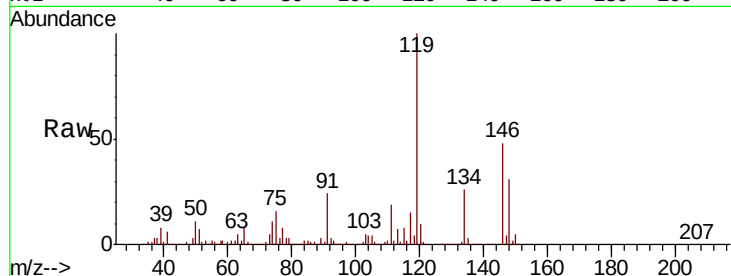
Tgt Ion:146 Resp: 91469

Ion Ratio Lower Upper

146 100

111 40.7 20.9 62.7

148 64.0 32.2 96.6

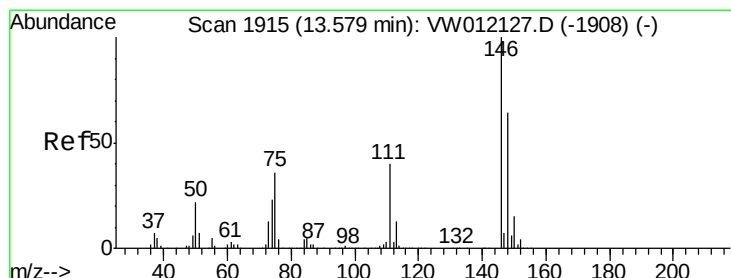
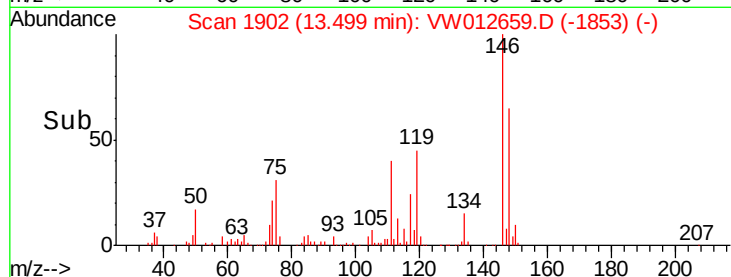
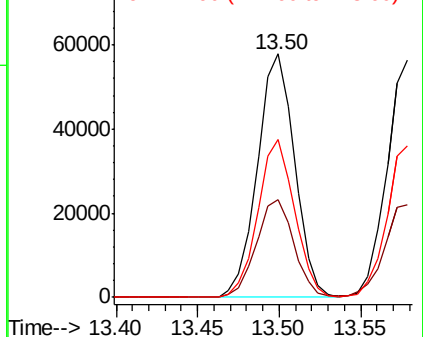


Abundance

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: 22.751 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

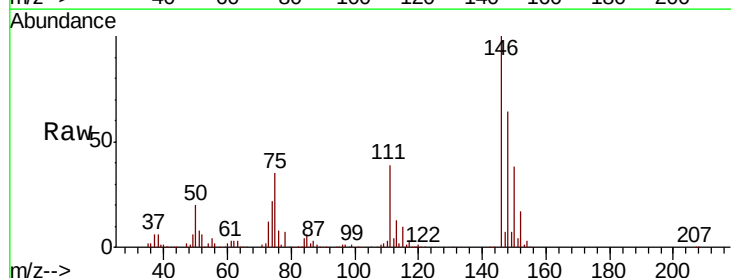
Tgt Ion:146 Resp: 89828

Ion Ratio Lower Upper

146 100

111 40.6 20.0 60.0

148 64.3 32.1 96.3

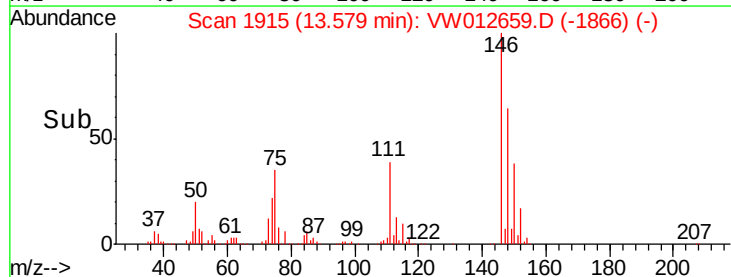
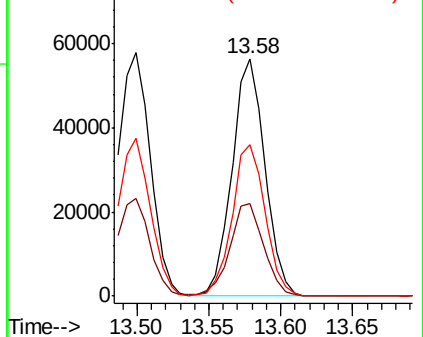


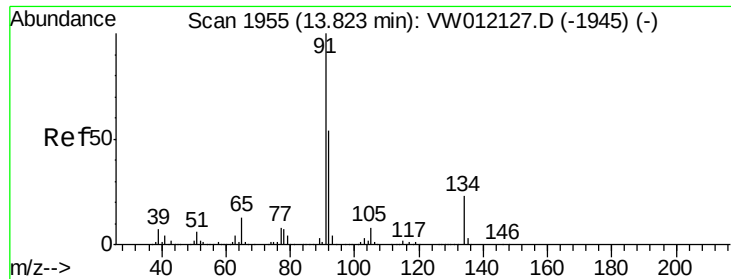
Abundance

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: 20.387 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012659.D

Acq: 06 Sep 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS04

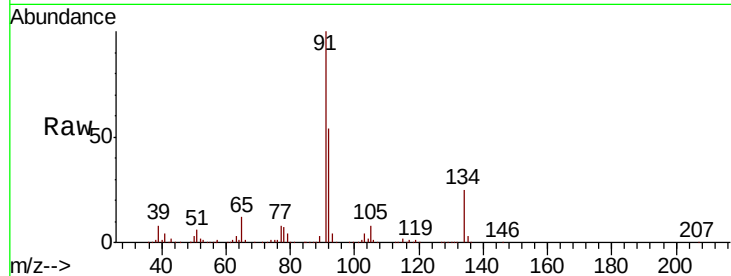
Tgt Ion: 91 Resp: 172530

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

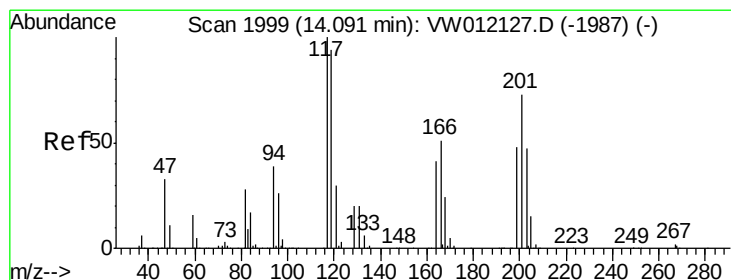
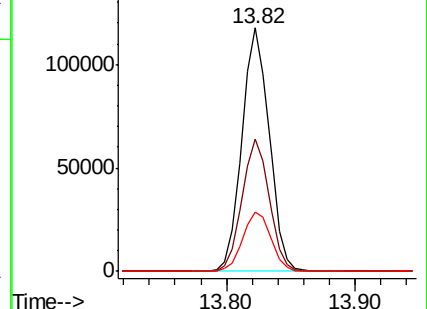
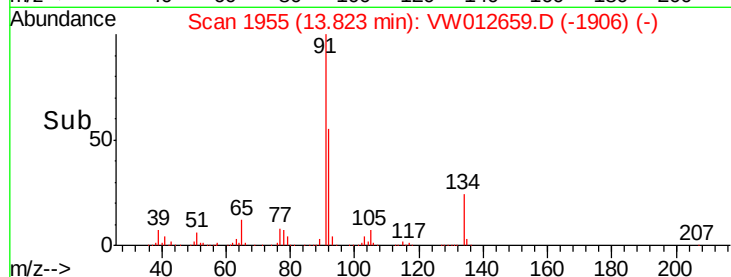
134 25.1 12.2 36.4



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: 22.122 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012659.D

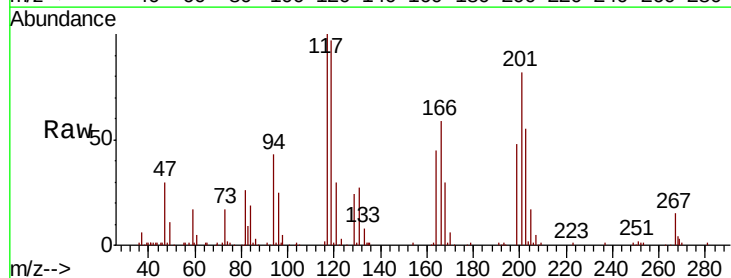
Acq: 06 Sep 2019 00:03

Tgt Ion: 117 Resp: 33030

Ion Ratio Lower Upper

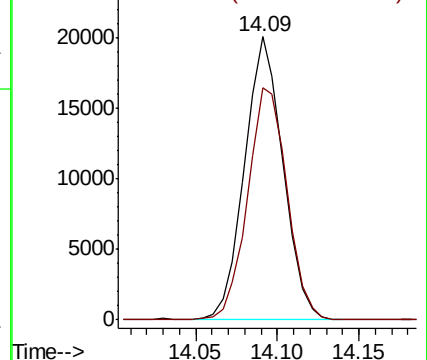
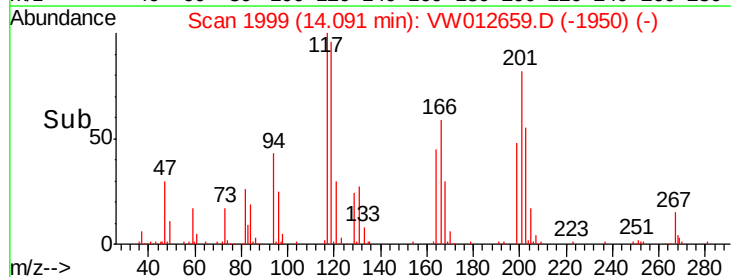
117 100

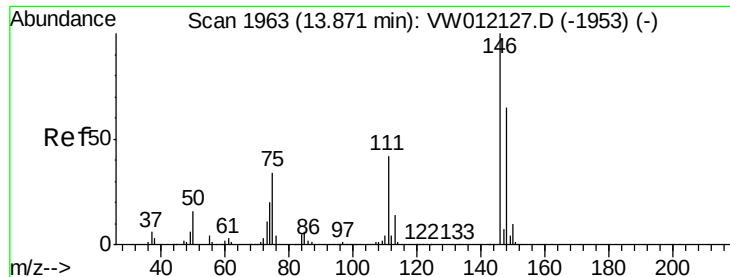
201 84.1 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

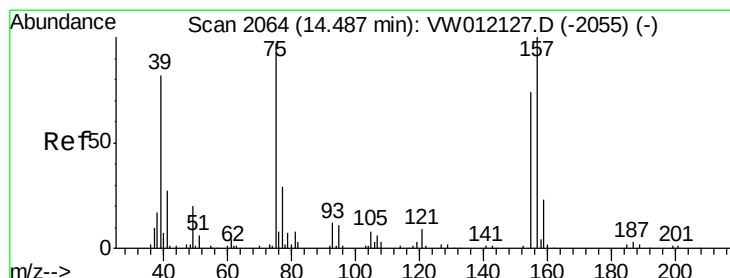
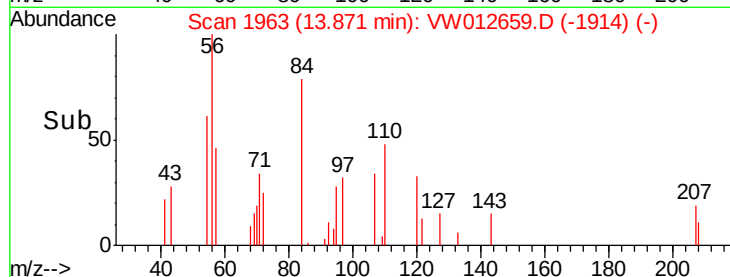
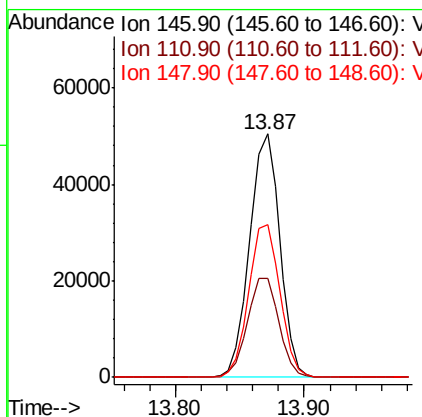
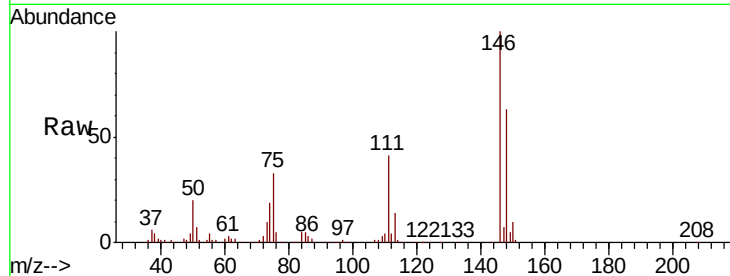




#91
 1,2-Dichlorobenzene
 Concen: 23.436 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

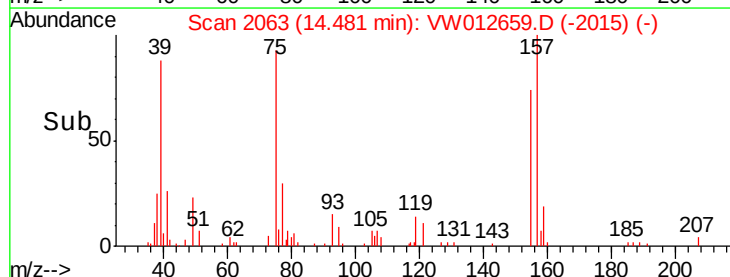
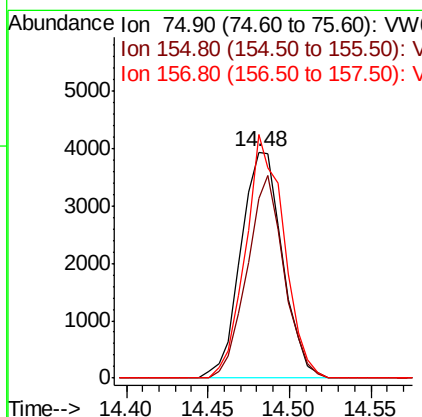
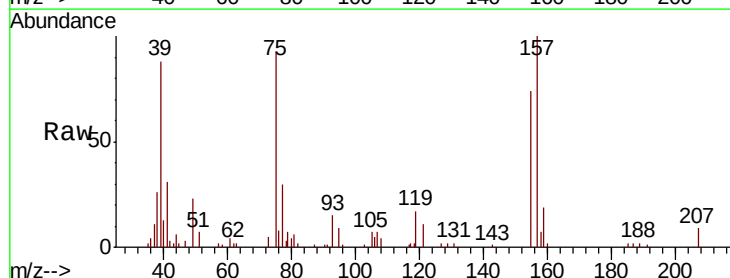
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

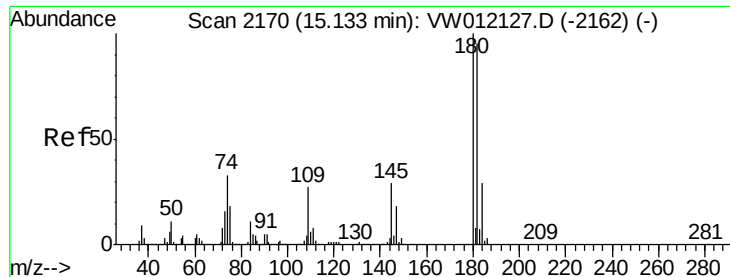
Tgt Ion: 146 Resp: 81751
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.2 63.6
 148 64.9 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.058 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion: 75 Resp: 6987
 Ion Ratio Lower Upper
 75 100
 155 79.8 37.5 112.3
 157 99.6 50.5 151.5

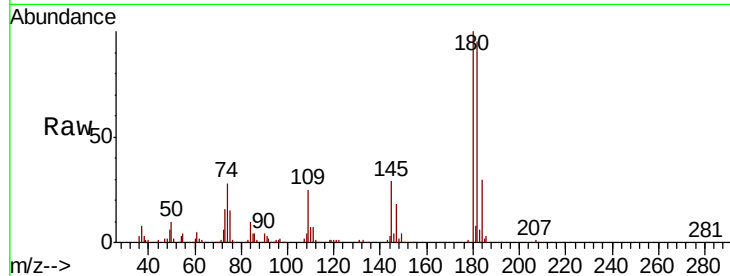




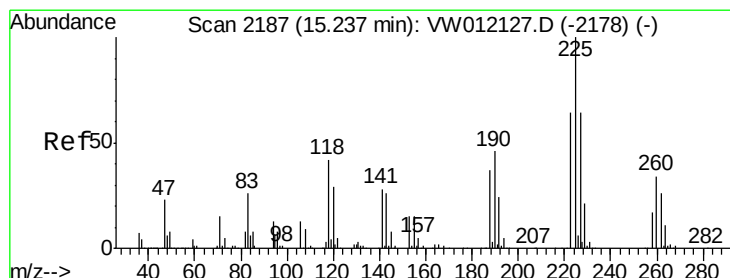
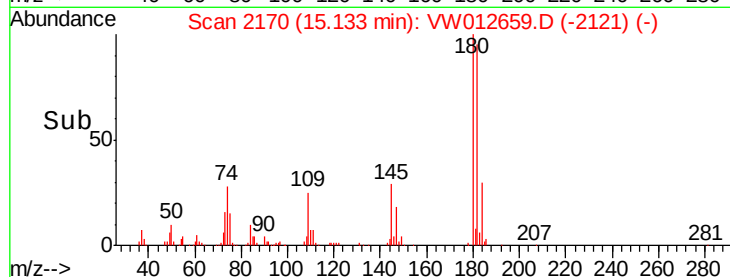
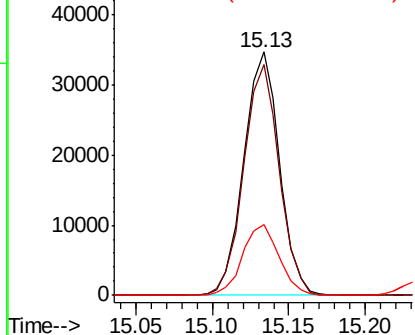
#93
 1,2,4-Trichlorobenzene
 Concen: 23.375 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

Tgt Ion:180 Resp: 56348
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.4
 145 29.7 15.0 45.1

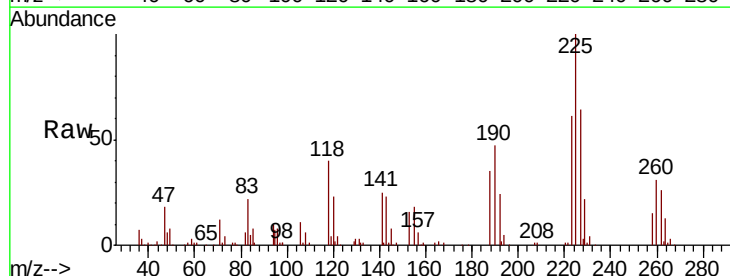


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

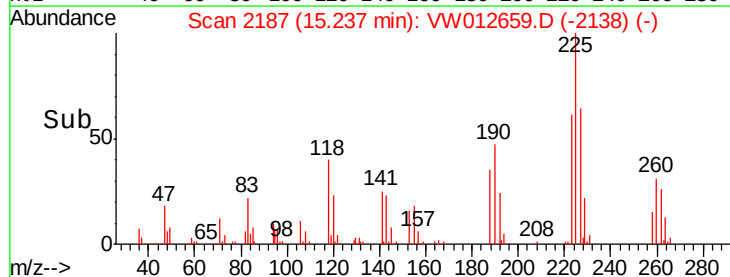
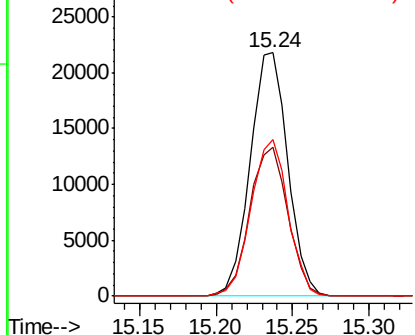


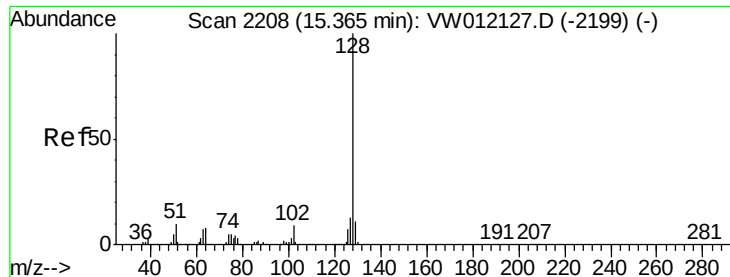
#94
 Hexachlorobutadiene
 Concen: 23.464 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012659.D
 Acq: 06 Sep 2019 00:03

Tgt Ion:225 Resp: 37348
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.3 96.8
 227 63.6 32.9 98.6



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

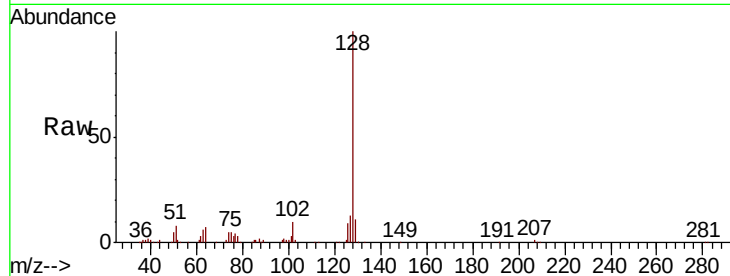




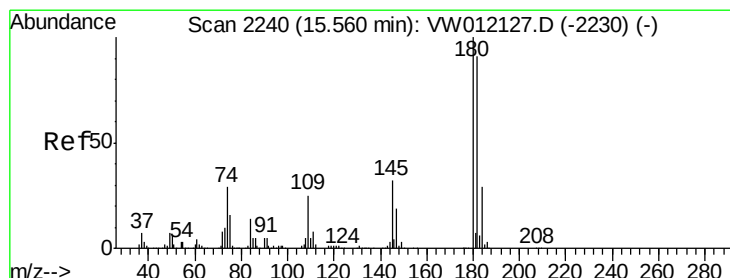
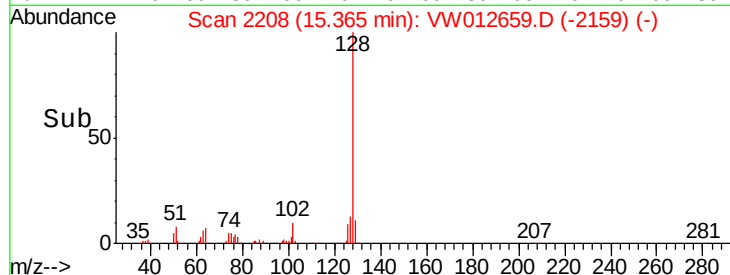
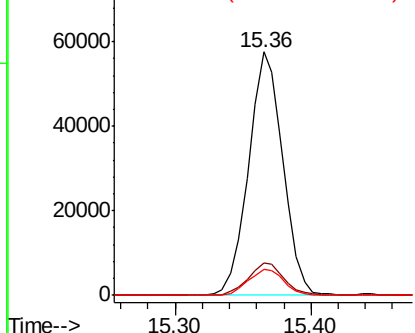
#95
Naphthalene
Concen: 23.920 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS04

Tgt Ion:128 Resp: 101481
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 11.0 8.7 13.1

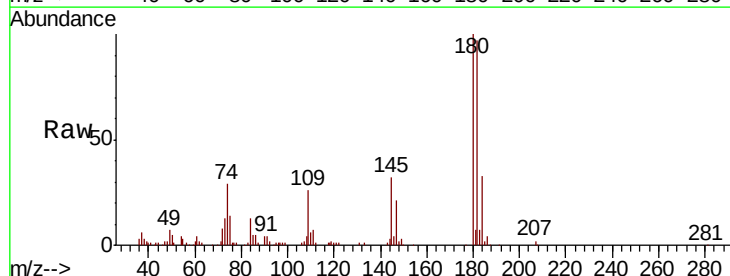


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 24.096 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW012659.D
Acq: 06 Sep 2019 00:03

Tgt Ion:180 Resp: 50680
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.3
145 31.6 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

