

Data File : VW009242.D
Acq On : 19 Mar 2019 15:39
Operator : SY/VA
Sample : VW0319SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Quant Time: Mar 20 07:30:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	304295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	461805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	230271	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152957	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	7.88	113	135472	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
50) Toluene-d8	10.32	98	502446	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.62	95	188992	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	43012	22.413	ug/l	100
3) Chloromethane	2.21	50	46863	21.245	ug/l	96
4) Vinyl Chloride	2.37	62	67602	20.881	ug/l	96
5) Bromomethane	2.78	94	55842	21.151	ug/l	97
6) Chloroethane	2.93	64	53805	21.421	ug/l	95
7) Trichlorofluoromethane	3.26	101	44882	21.162	ug/l	96
8) Diethyl Ether	3.67	74	29897	19.547	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60214	19.600	ug/l	95
10) Methyl Iodide	4.27	142	89269	20.157	ug/l	99
11) Tert butyl alcohol	5.17	59	20119	107.068	ug/l	99
12) 1,1-Dichloroethene	4.03	96	58901	20.282	ug/l	95
13) Acrolein	3.89	56	13804	90.000	ug/l	96
14) Allyl chloride	4.67	41	89330	20.865	ug/l	98
15) Acrylonitrile	5.36	53	64797	100.804	ug/l	99
16) Acetone	4.12	43	72487	109.157	ug/l	98
17) Carbon Disulfide	4.37	76	165793	20.478	ug/l	97
18) Methyl Acetate	4.67	43	31498	18.482	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	74088	20.786	ug/l	97
20) Methylene Chloride	4.92	84	60410	20.157	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	59987	20.077	ug/l	98
22) Diisopropyl ether	6.31	45	183249	19.854	ug/l	99
23) Vinyl Acetate	6.25	43	592203	102.261	ug/l	98
24) 1,1-Dichloroethane	6.21	63	111643	19.600	ug/l	100
25) 2-Butanone	7.17	43	99089	104.137	ug/l	99
26) 2,2-Dichloropropane	7.16	77	66743	20.970	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	64101	19.803	ug/l	97
28) Bromochloromethane	7.51	49	48350	19.352	ug/l	99
29) Tetrahydrofuran	7.52	42	59572	98.497	ug/l	97
30) Chloroform	7.67	83	114814	19.372	ug/l	97
31) Cyclohexane	7.95	56	106460	20.047	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	94643	20.006	ug/l	98
36) 1,1-Dichloropropene	8.08	75	89968	19.578	ug/l	97
37) Ethyl Acetate	7.25	43	42074	20.064	ug/l	98
38) Carbon Tetrachloride	8.06	117	93988	19.326	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	105033	19.755	ug/l	90
40) Benzene	8.32	78	245468	19.698	ug/l	99
41) Methacrylonitrile	7.48	41	23980	21.218	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	79858	19.604	ug/l	99
43) Isopropyl Acetate	8.42	43	81874	19.499	ug/l	100
44) Trichloroethene	9.09	130	66099	19.362	ug/l	100
45) 1,2-Dichloropropane	9.37	63	61523	19.421	ug/l	96
46) Dibromomethane	9.46	93	34416	19.756	ug/l	96
47) Bromodichloromethane	9.64	83	84531	19.202	ug/l	98
48) Methyl methacrylate	9.43	41	38299	19.701	ug/l	95
49) 1,4-Dioxane	9.45	88	11144	412.435	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	217077	99.197	ug/l	100
52) Toluene	10.38	92	156604	19.833	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	83450	19.440	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	92928	19.242	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	45959	19.484	ug/l	94
56) Ethyl methacrylate	10.65	69	55149	19.634	ug/l	98
57) 1,3-Dichloropropane	10.93	76	80559	19.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	143277	174.335	ug/l	100
59) 2-Hexanone	10.97	43	150540	101.329	ug/l	98
60) Dibromochloromethane	11.13	129	55928	19.191	ug/l	99
61) 1,2-Dibromoethane	11.24	107	44812	19.946	ug/l	99
64) Tetrachloroethene	10.86	164	54300	18.619	ug/l	98
65) Chlorobenzene	11.66	112	170677	19.380	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	61702	18.757	ug/l	98
67) Ethyl Benzene	11.73	91	298933	19.597	ug/l	99
68) m/p-Xylenes	11.84	106	234128	39.599	ug/l	100
69) o-Xylene	12.16	106	107150	19.516	ug/l	98
70) Styrene	12.18	104	175181	19.352	ug/l	99
71) Bromoform	12.35	173	33535	18.664	ug/l #	98
73) Isopropylbenzene	12.47	105	304429	19.780	ug/l	100
74) N-amyl acetate	12.27	43	78021	19.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	56574	19.650	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	74914	34.620	ug/l #	100
77) Bromobenzene	12.75	156	69781	19.141	ug/l	99
78) n-propylbenzene	12.80	91	376241	19.904	ug/l	99
79) 2-Chlorotoluene	12.90	91	208918	19.456	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	259107	19.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	18008	20.420	ug/l	98
82) 4-Chlorotoluene	12.99	91	224392	19.836	ug/l	100
83) tert-Butylbenzene	13.21	119	222329	19.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	270392	20.151	ug/l	98
85) sec-Butylbenzene	13.38	105	331187	20.037	ug/l	100
86) p-Isopropyltoluene	13.50	119	293598	19.948	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	150601	19.962	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	145910	19.424	ug/l	99
89) n-Butylbenzene	13.83	91	286758	20.296	ug/l	100
90) Hexachloroethane	14.10	117	55644	19.175	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	131158	19.388	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10320	20.019	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031919\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	92465	20.352	ug/l	99
94) Hexachlorobutadiene	15.24	225	56690	19.619	ug/l	98
95) Naphthalene	15.37	128	157491	20.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	82092	20.242	ug/l	99

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

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Acq On : 19 Mar 2019 15:39

Operator : SY/VA

Sample : VW0319SBSD01

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 12      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

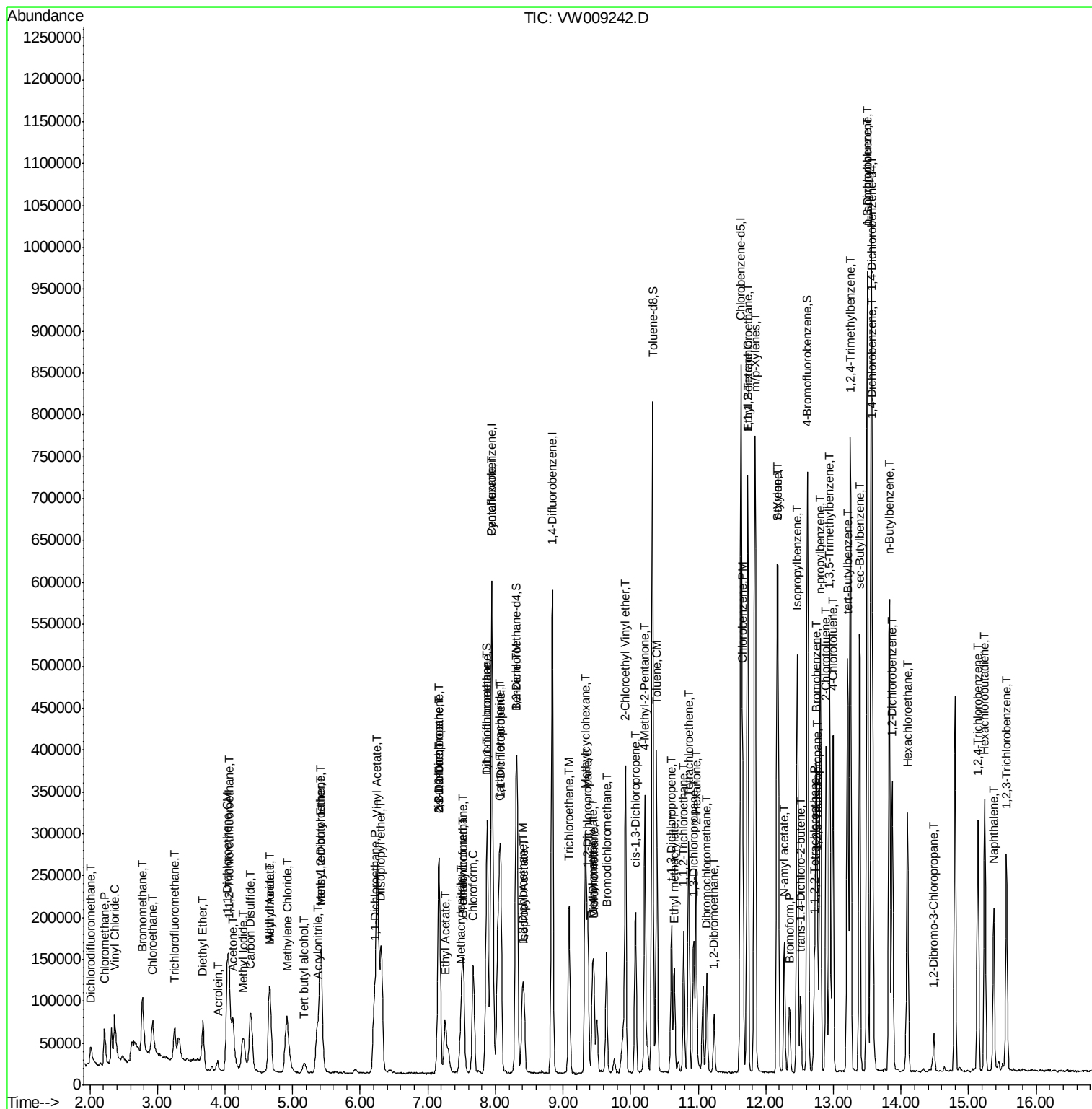
Quant Time: Mar 20 07:30:49 2019

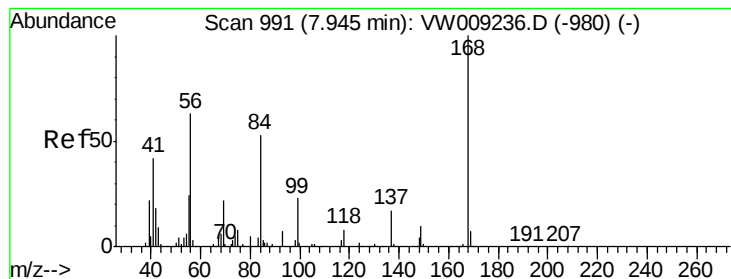
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Quant Title : SW846 8260

QLast Update : Wed Mar 20 07:22:50 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

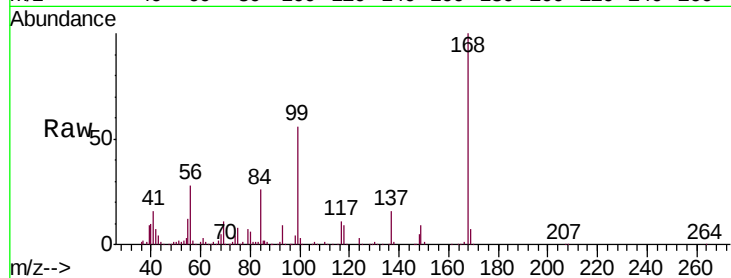
VW0319SBSD01

Tgt Ion:168 Resp: 304295

Ion Ratio Lower Upper

168 100

99 56.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

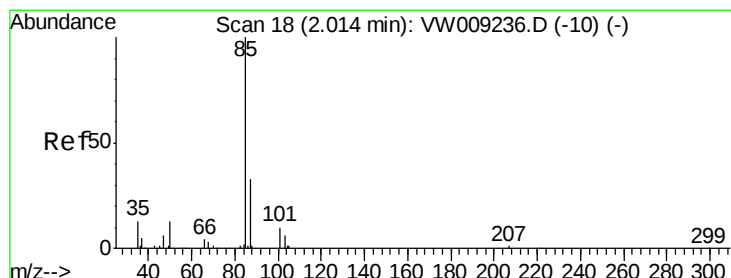
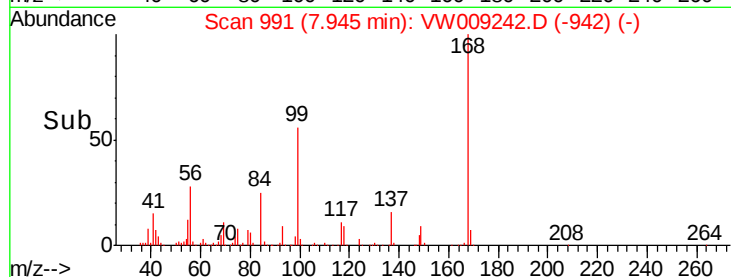
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.413 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW009242.D

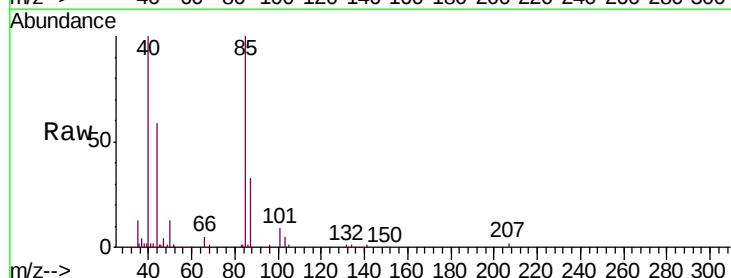
Acq: 19 Mar 2019 15:39

Tgt Ion: 85 Resp: 43012

Ion Ratio Lower Upper

85 100

87 33.5 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

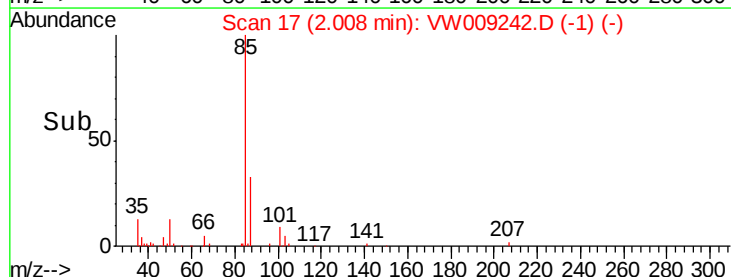
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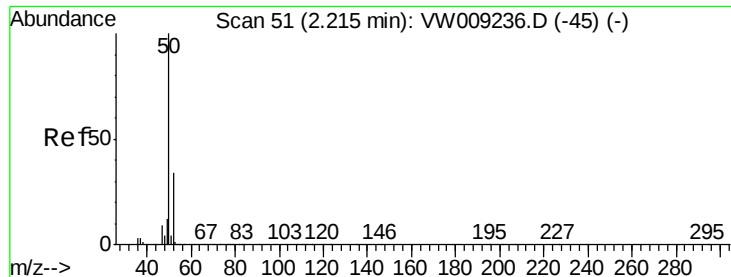
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.245 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

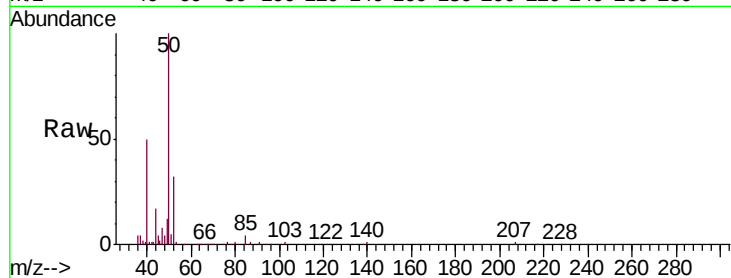
VW0319SBSD01

Tgt Ion: 50 Resp: 46863

Ion Ratio Lower Upper

50 100

52 31.7 27.2 40.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

25000

20000

15000

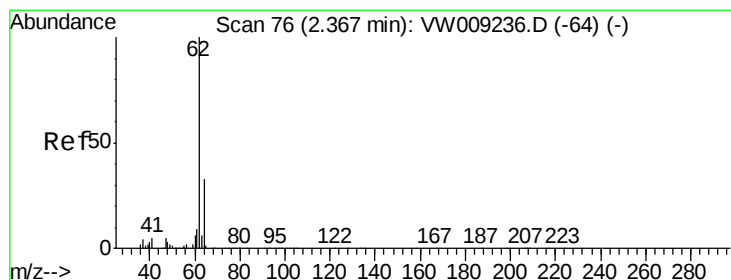
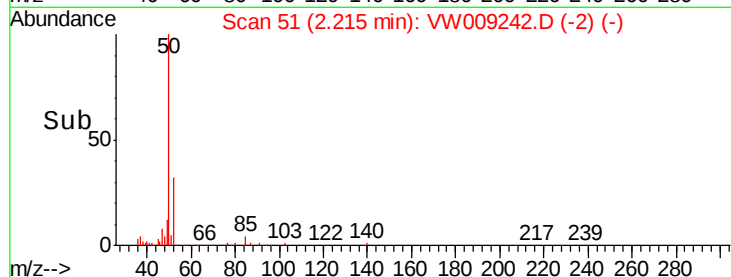
10000

5000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 20.881 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW009242.D

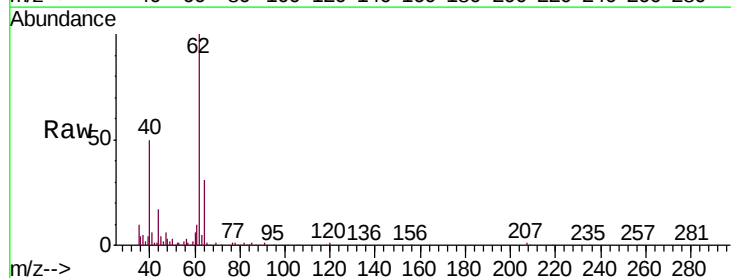
Acq: 19 Mar 2019 15:39

Tgt Ion: 62 Resp: 67602

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

30000

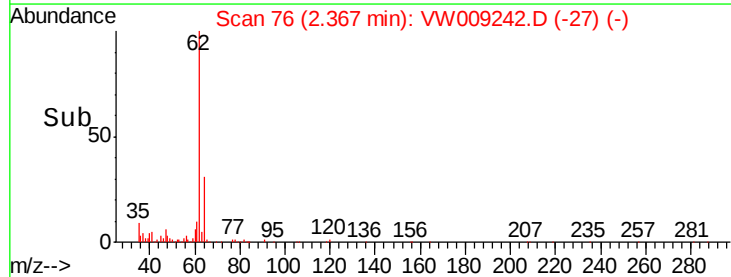
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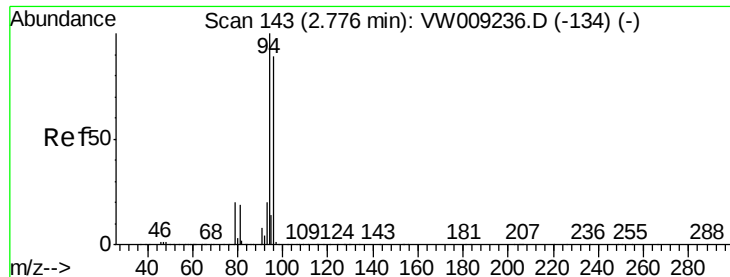
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Time-->

2.30 2.40 2.50





#5

Bromomethane

Concen: 21.151 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

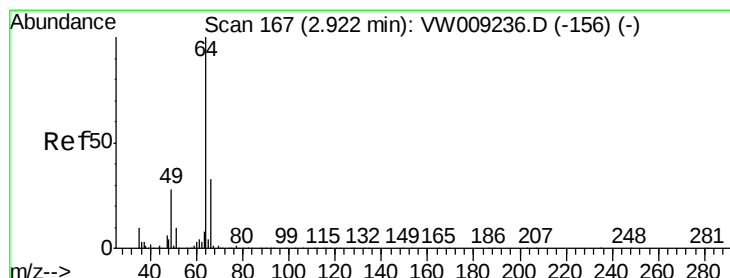
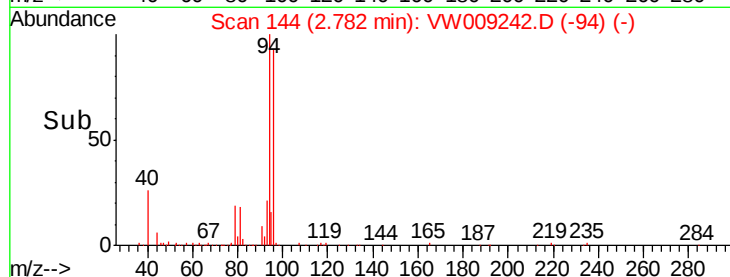
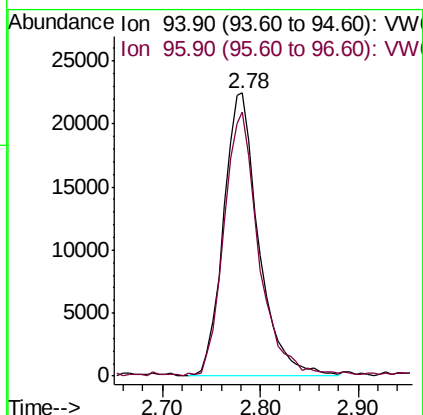
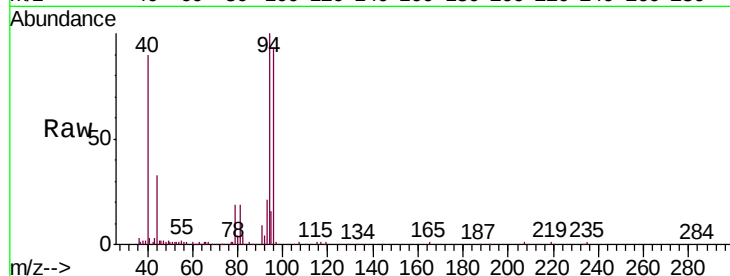
VW0319SBSD01

Tgt Ion: 94 Resp: 55842

Ion Ratio Lower Upper

94 100

96 92.4 71.4 107.2



#6

Chloroethane

Concen: 21.421 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW009242.D

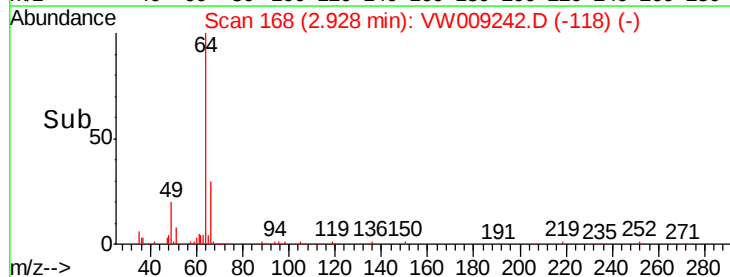
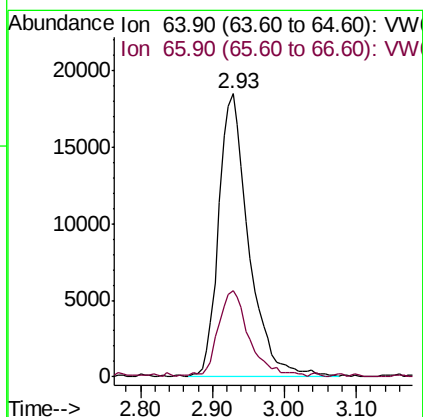
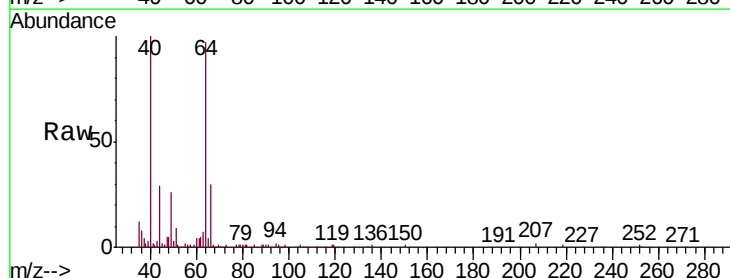
Acq: 19 Mar 2019 15:39

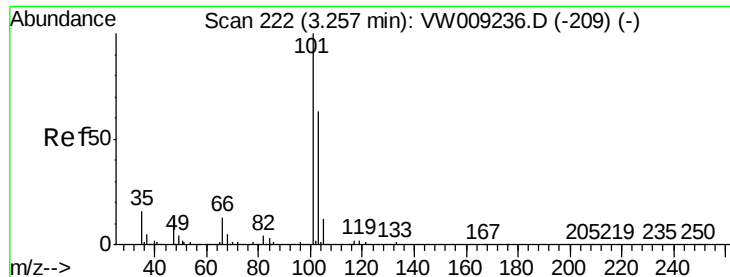
Tgt Ion: 64 Resp: 53805

Ion Ratio Lower Upper

64 100

66 29.9 26.2 39.2



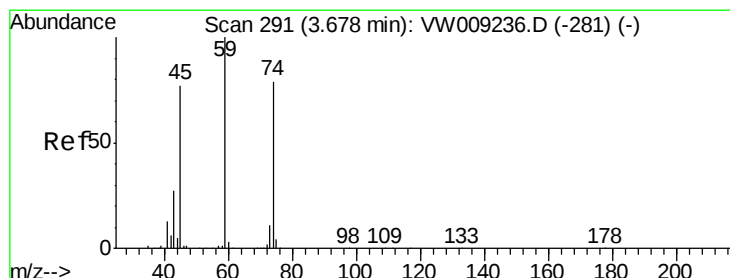
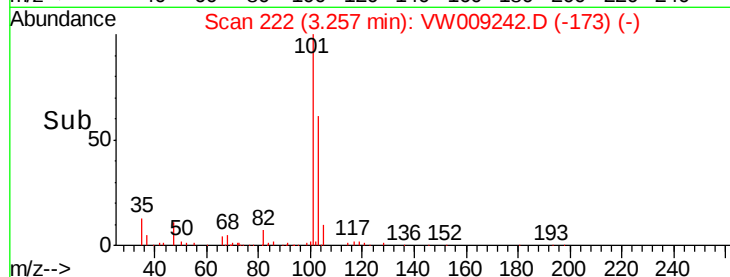
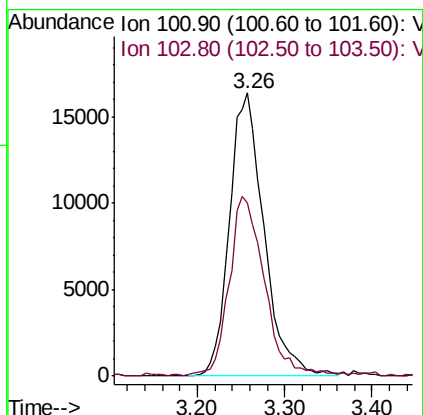
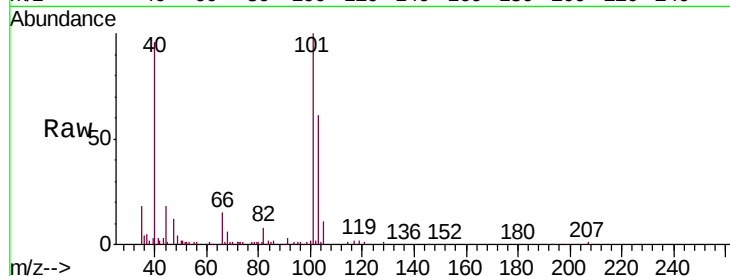


#7

Trichlorofluoromethane
 Concen: 21.162 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBSD01

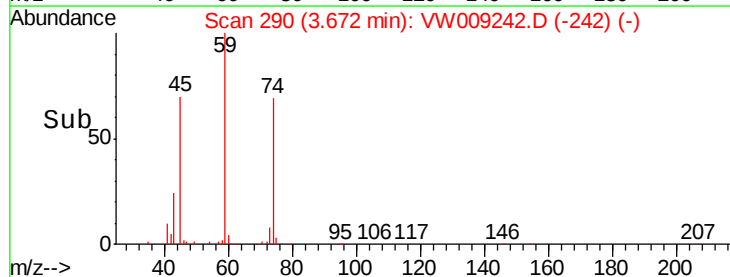
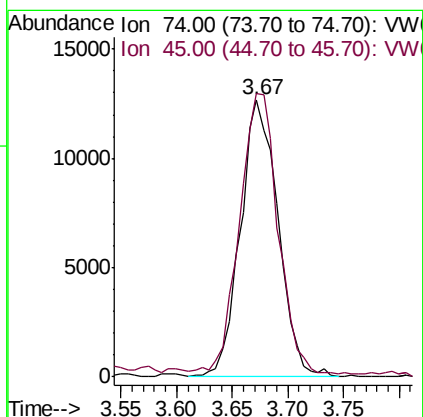
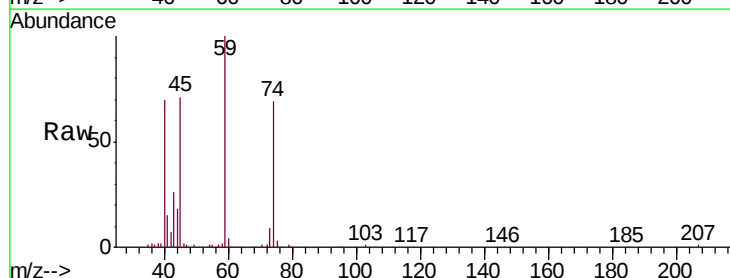
Tgt Ion:101 Resp: 44882
 Ion Ratio Lower Upper
 101 100
 103 60.4 50.5 75.7

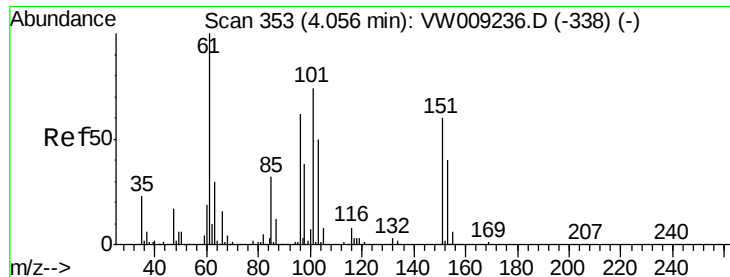


#8

Diethyl Ether
 Concen: 19.547 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Tgt Ion: 74 Resp: 29897
 Ion Ratio Lower Upper
 74 100
 45 102.7 50.6 151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.600 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

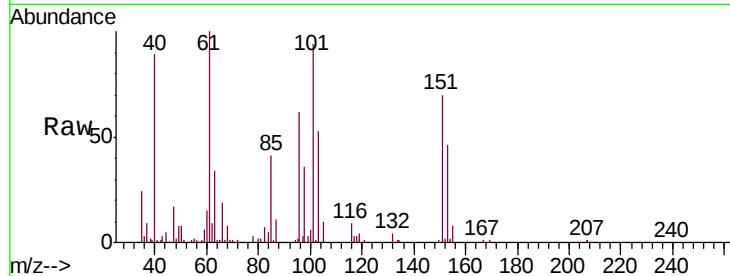
Tgt Ion:101 Resp: 60214

Ion Ratio Lower Upper

101 100

85 46.3 35.1 52.7

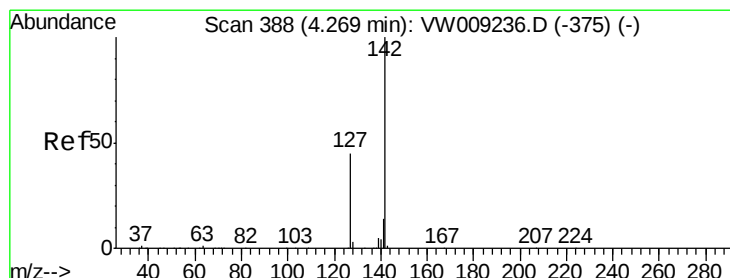
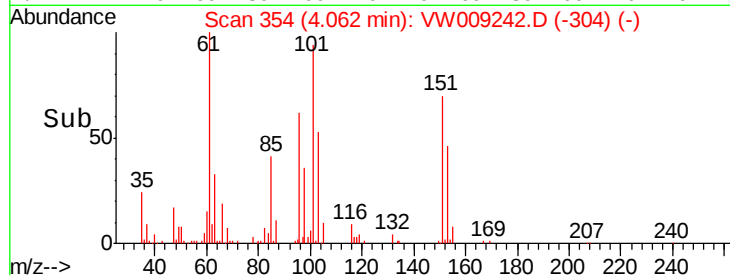
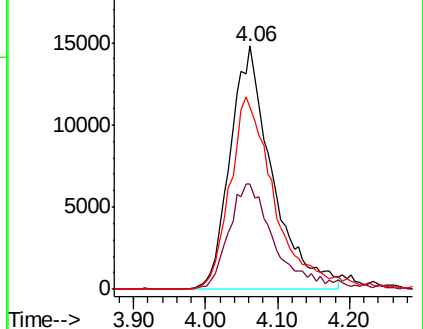
151 83.7 62.9 94.3



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: 20.157 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

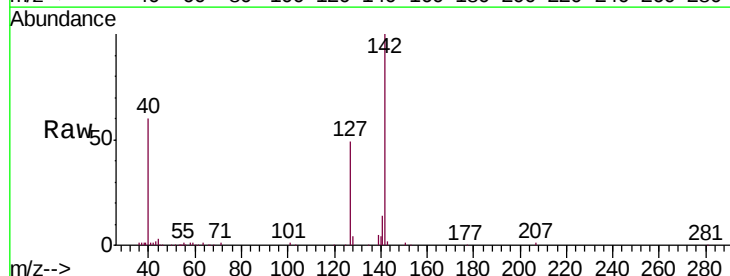
Tgt Ion:142 Resp: 89269

Ion Ratio Lower Upper

142 100

127 45.4 35.9 53.9

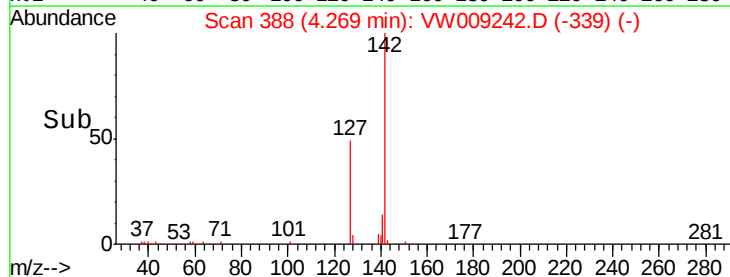
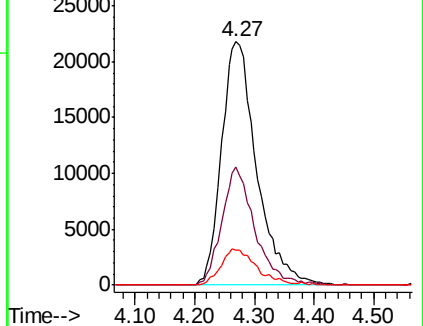
141 15.0 11.4 17.2

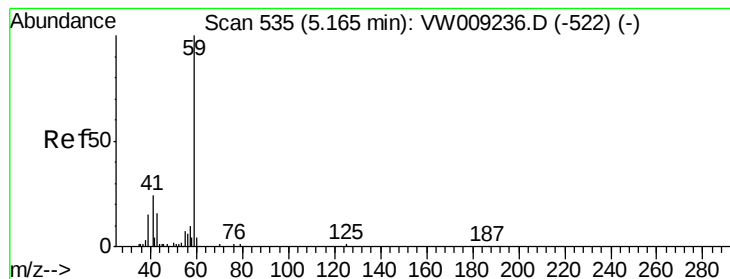


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



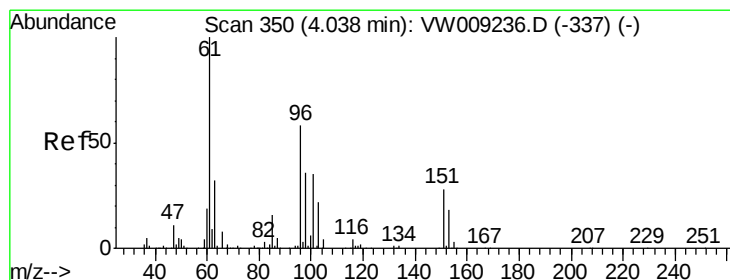
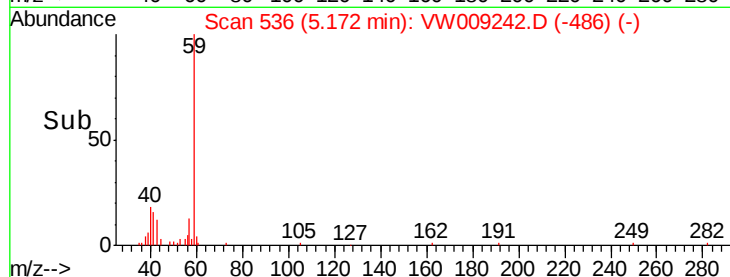
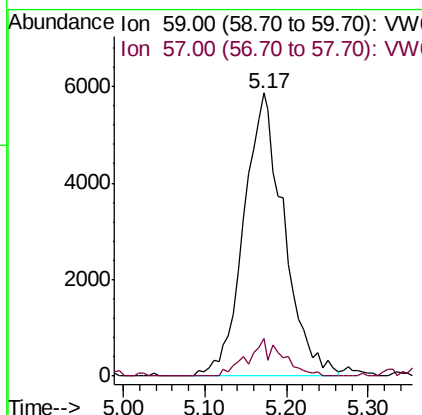
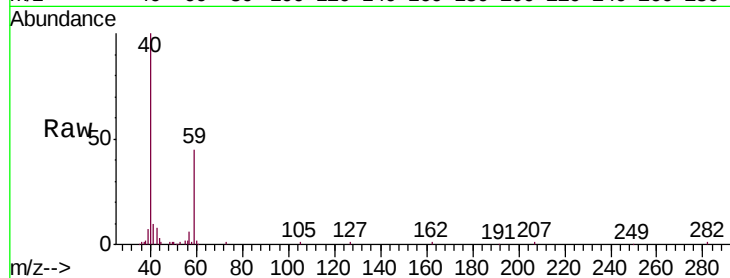


#11

Tert butyl alcohol
 Concen: 107.068 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

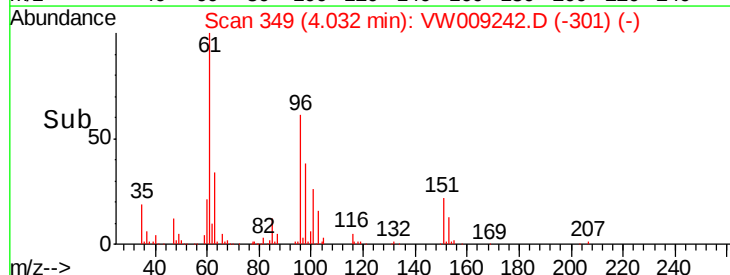
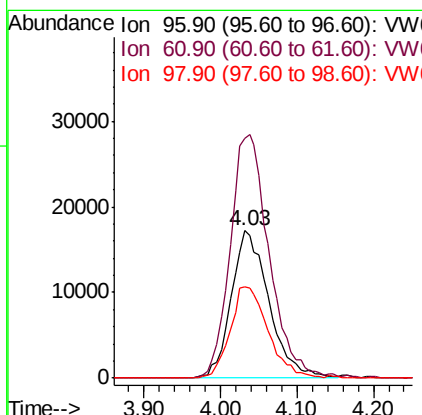
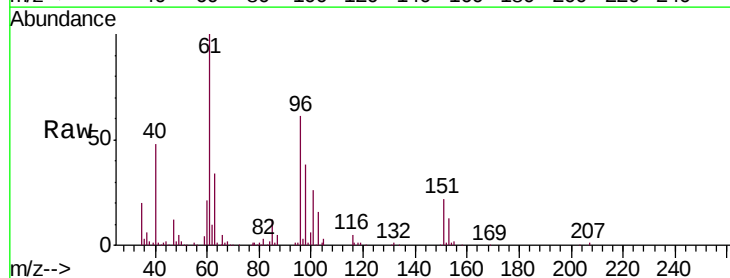
Tgt Ion: 59 Resp: 20119
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.4 14.0

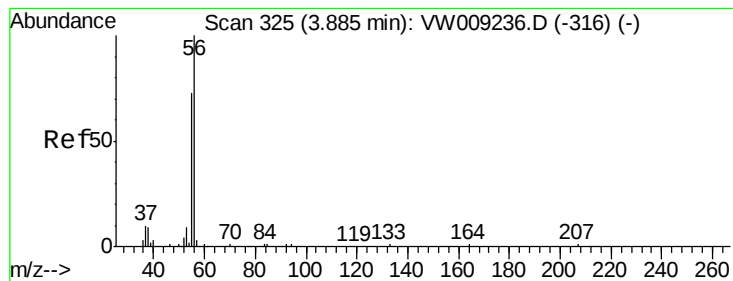


#12

1,1-Dichloroethene
 Concen: 20.282 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Tgt Ion: 96 Resp: 58901
 Ion Ratio Lower Upper
 96 100
 61 163.3 138.0 207.0
 98 62.0 49.8 74.8





#13

Acrolein

Concen: 90.000 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

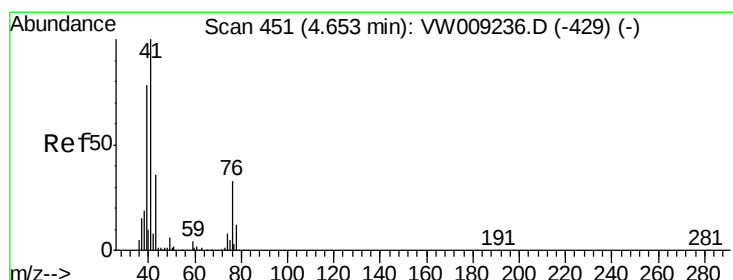
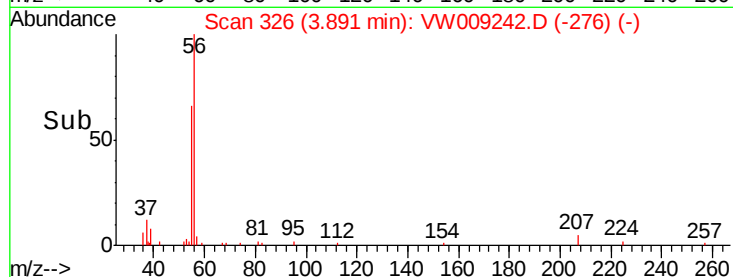
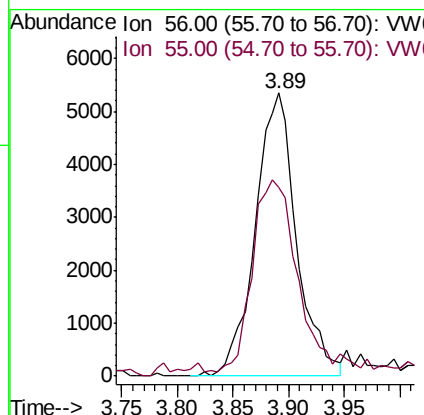
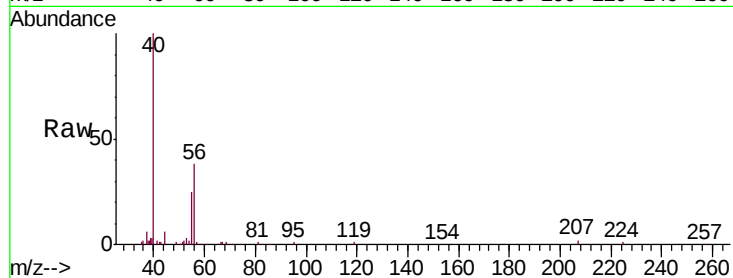
VW0319SBSD01

Tgt Ion: 56 Resp: 13804

Ion Ratio Lower Upper

56 100

55 71.9 55.2 82.8



#14

Allyl chloride

Concen: 20.865 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

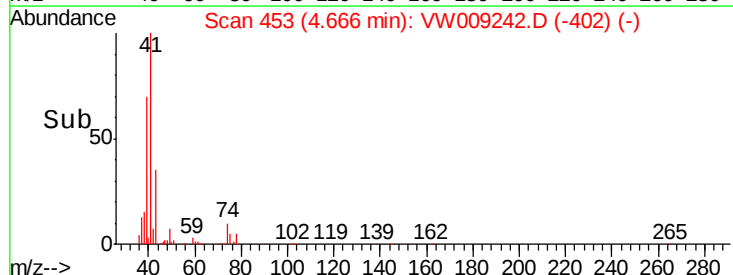
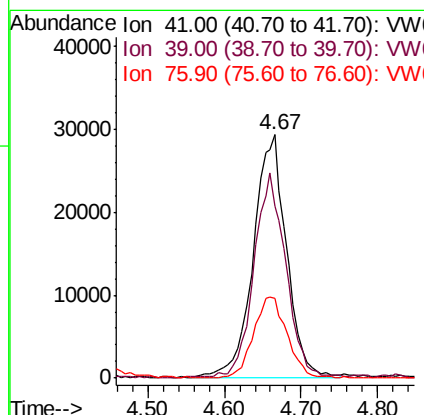
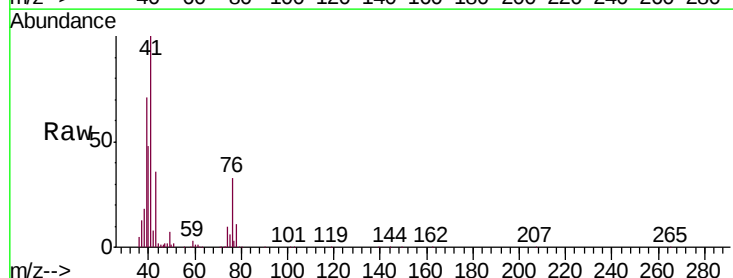
Tgt Ion: 41 Resp: 89330

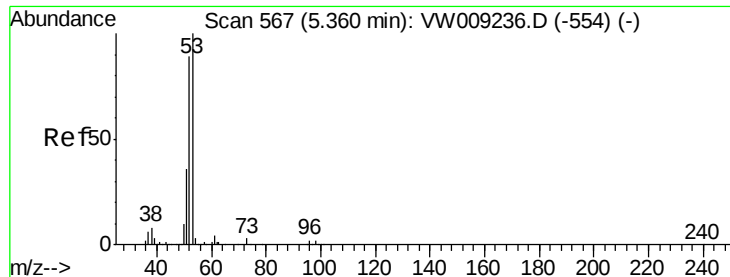
Ion Ratio Lower Upper

41 100

39 80.9 63.8 95.6

76 33.4 27.8 41.6





#15

Acrylonitrile

Concen: 100.804 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

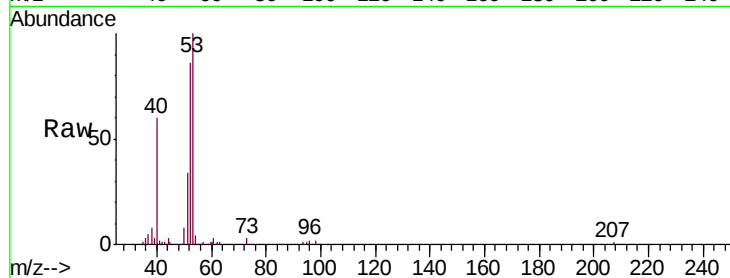
Tgt Ion: 53 Resp: 64797

Ion Ratio Lower Upper

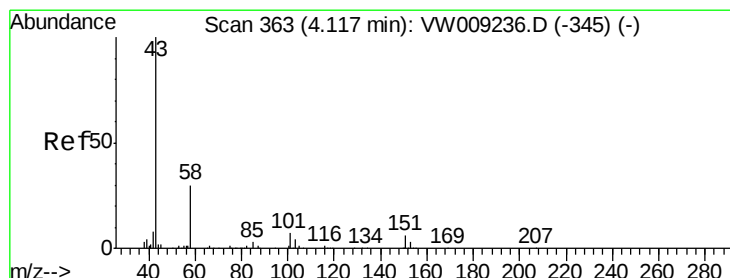
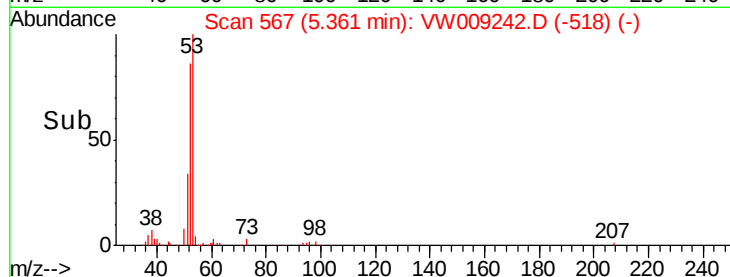
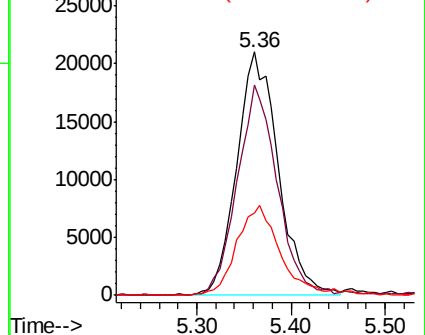
53 100

52 83.2 67.6 101.4

51 37.9 30.6 45.8



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 109.157 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009242.D

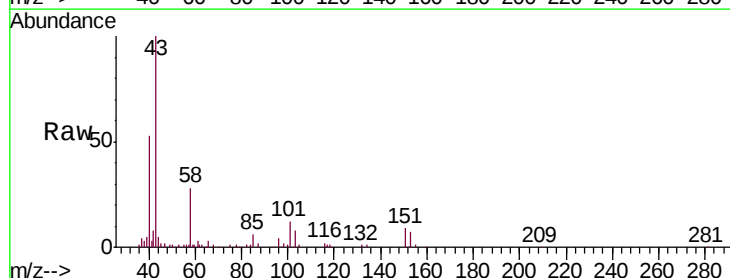
Acq: 19 Mar 2019 15:39

Tgt Ion: 43 Resp: 72487

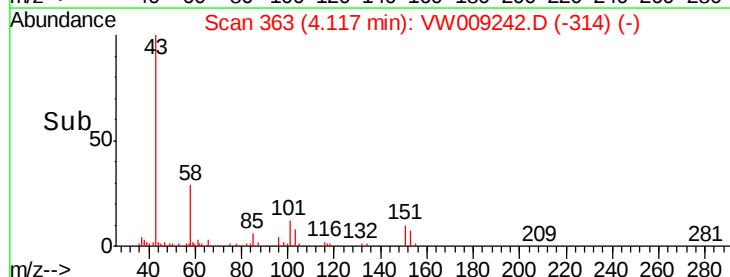
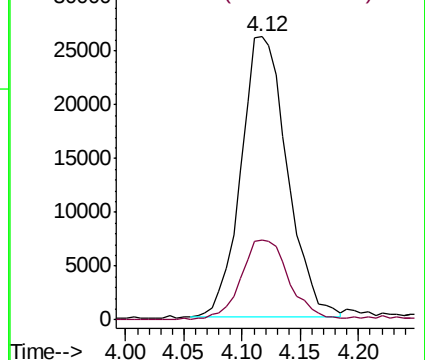
Ion Ratio Lower Upper

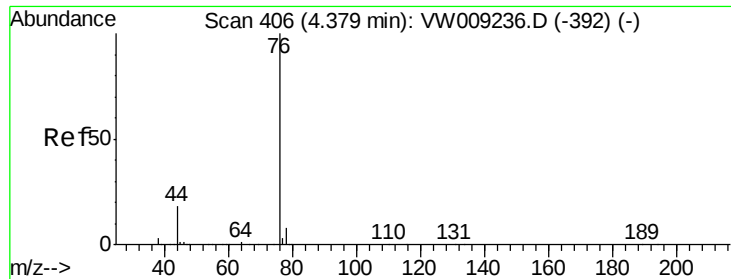
43 100

58 28.2 23.6 35.4



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

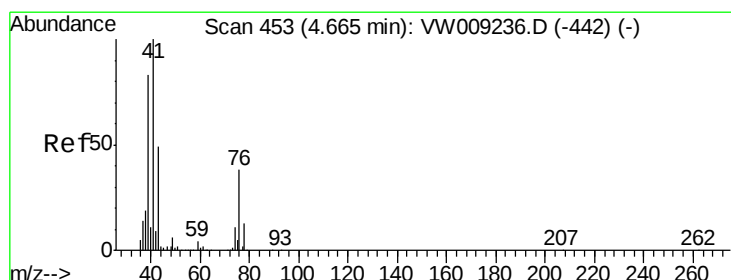
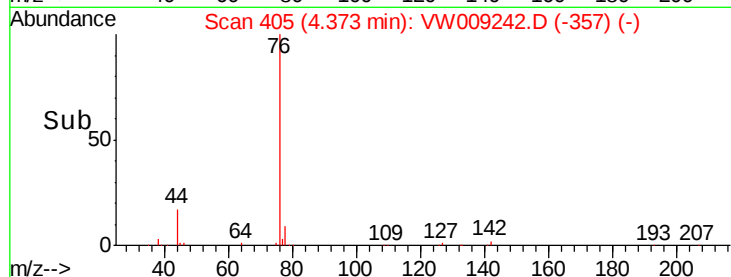
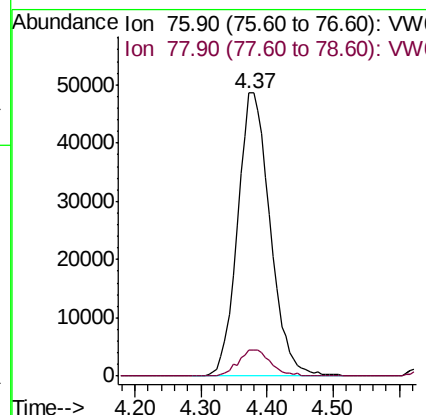
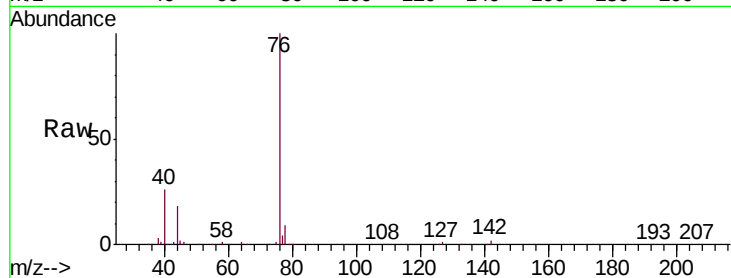




#17
Carbon Disulfide
Concen: 20.478 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

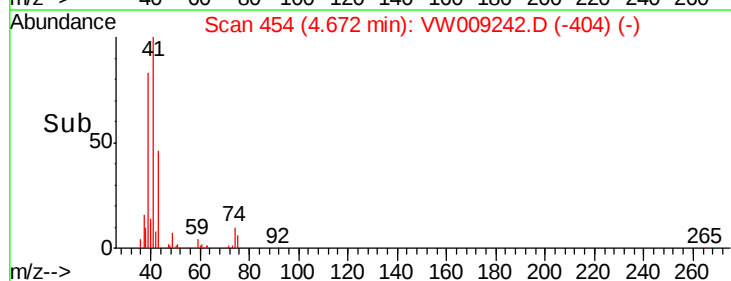
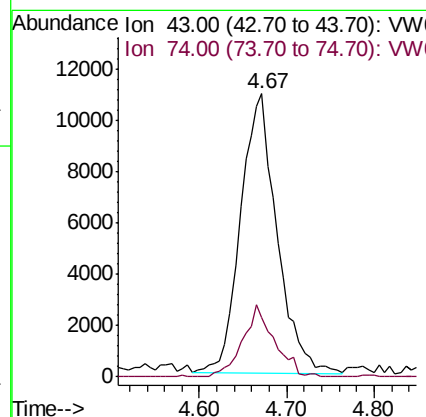
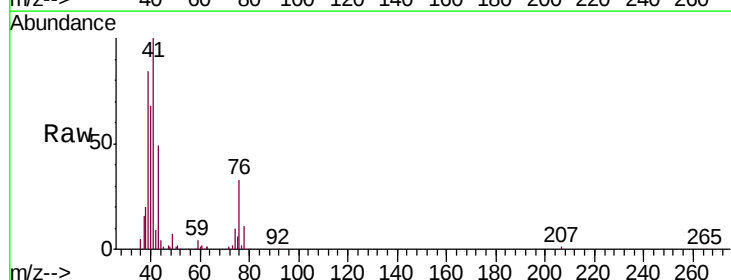
Instrument :
MSVOA_W
ClientSampled :
VW0319SBSD01

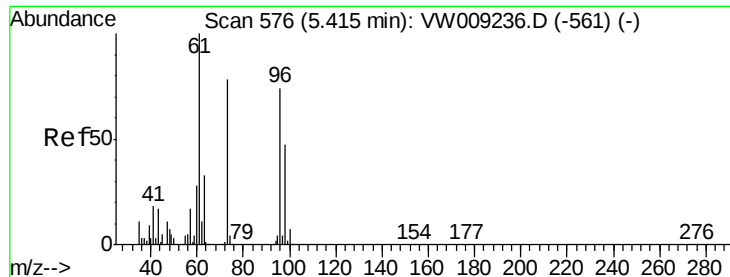
Tgt Ion: 76 Resp: 165793
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8



#18
Methyl Acetate
Concen: 18.482 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 43 Resp: 31498
Ion Ratio Lower Upper
43 100
74 22.3 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 20.786 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

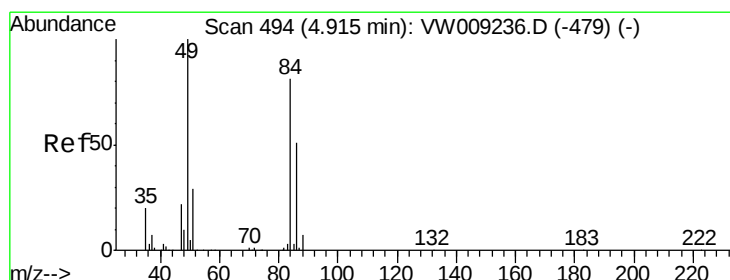
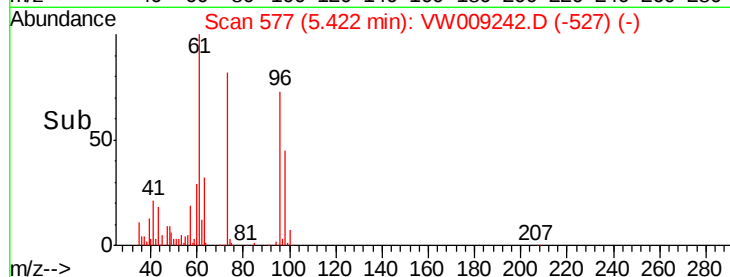
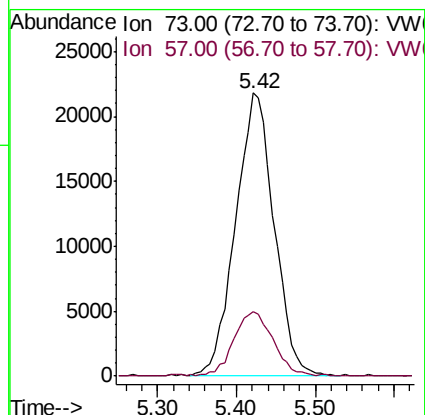
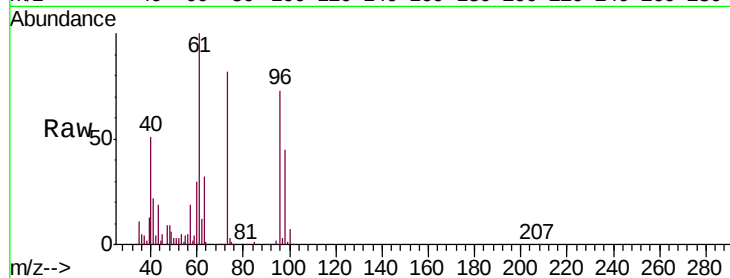
VW0319SBSD01

Tgt Ion: 73 Resp: 74088

Ion Ratio Lower Upper

73 100

57 22.7 17.0 25.6



#20

Methylene Chloride

Concen: 20.157 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Tgt Ion: 84 Resp: 60410

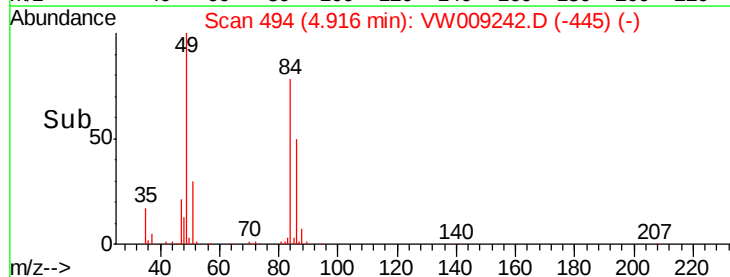
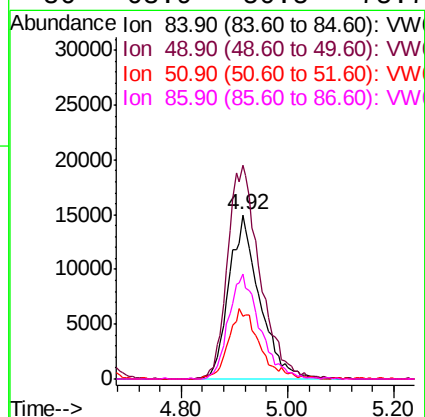
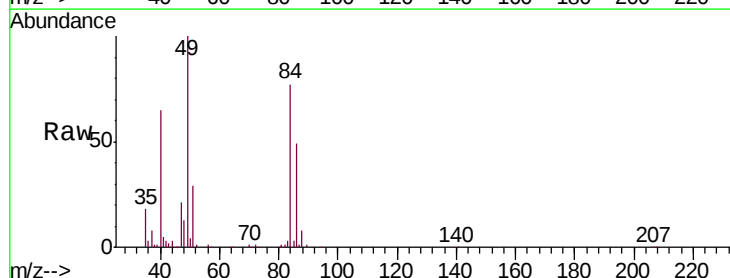
Ion Ratio Lower Upper

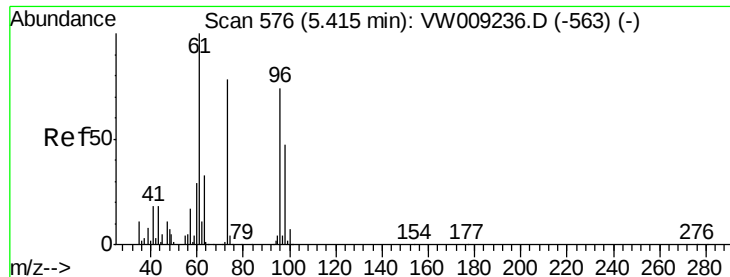
84 100

49 130.3 99.1 148.7

51 38.3 28.7 43.1

86 63.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 20.077 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBSD01

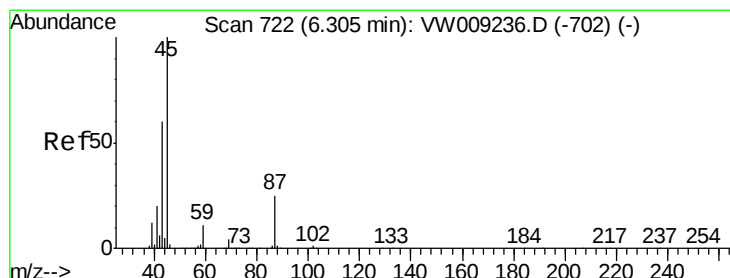
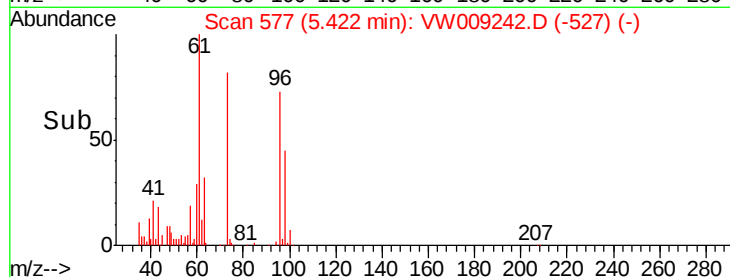
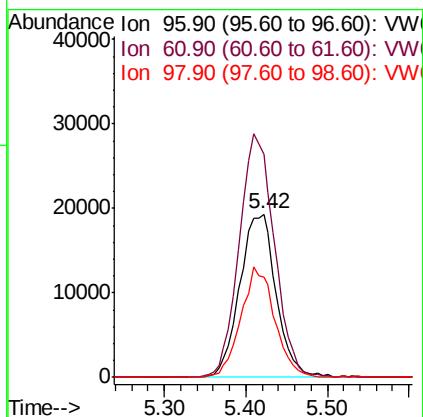
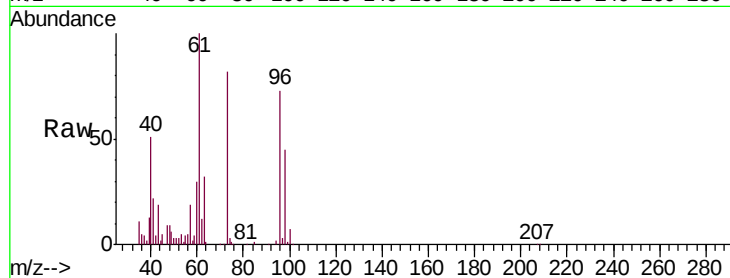
Tgt Ion: 96 Resp: 59987

Ion Ratio Lower Upper

96 100

61 136.8 108.2 162.4

98 61.1 50.9 76.3



#22

Diisopropyl ether

Concen: 19.854 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Tgt Ion: 45 Resp: 183249

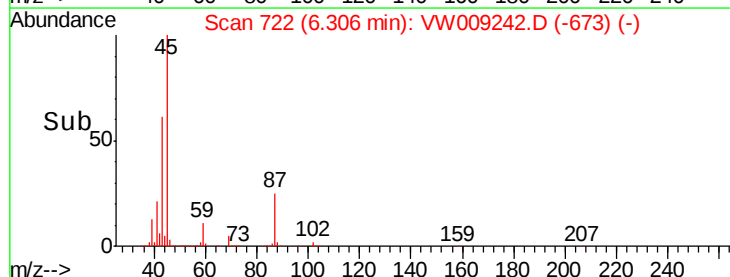
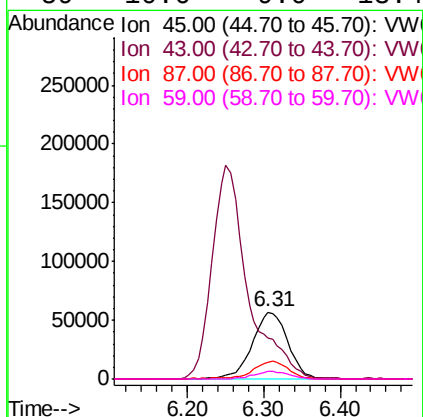
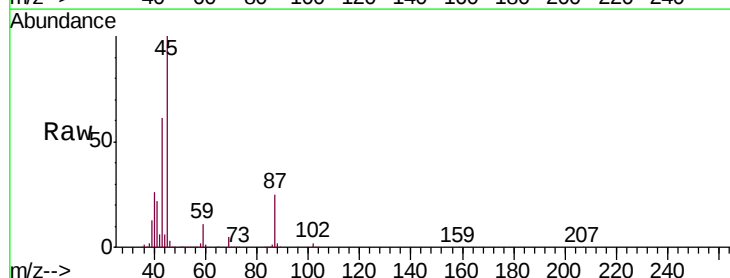
Ion Ratio Lower Upper

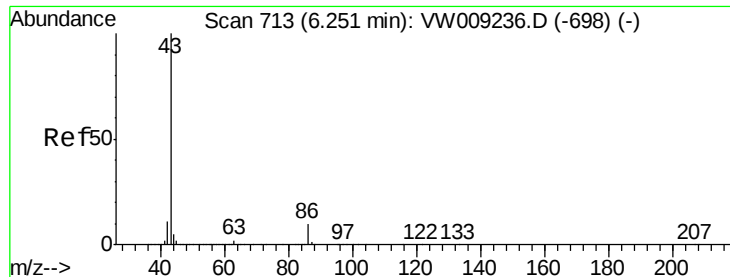
45 100

43 60.2 47.9 71.9

87 24.7 20.6 30.8

59 10.6 9.0 13.4





#23

Vinyl Acetate

Concen: 102.261 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

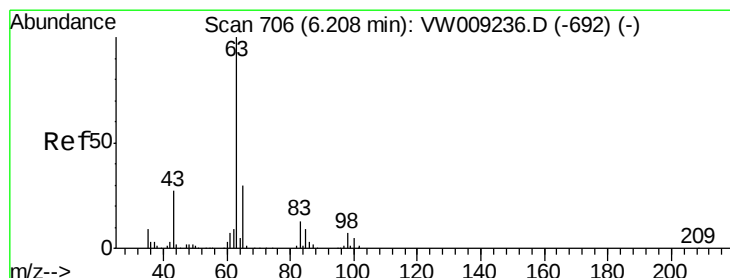
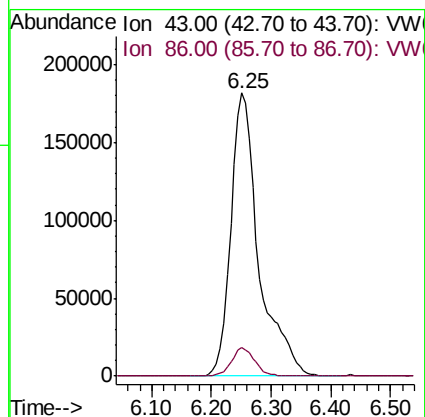
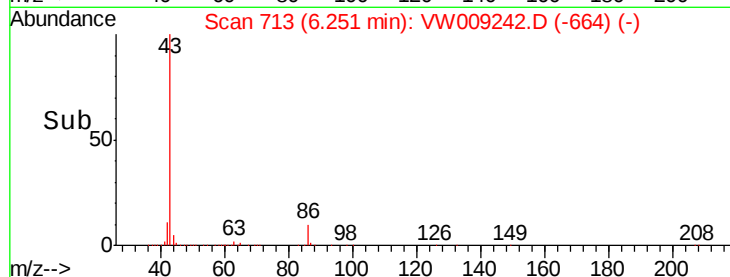
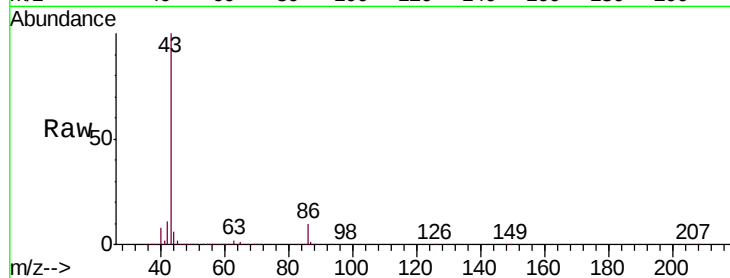
VW0319SBSD01

Tgt Ion: 43 Resp: 592203

Ion Ratio Lower Upper

43 100

86 10.2 7.7 11.5



#24

1,1-Dichloroethane

Concen: 19.600 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

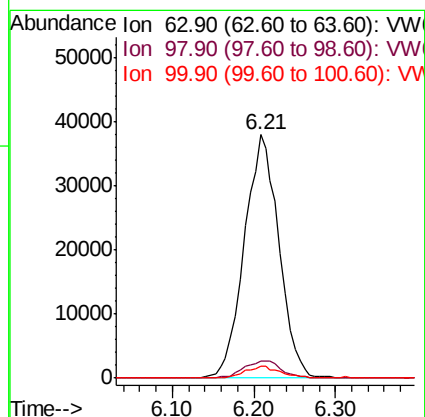
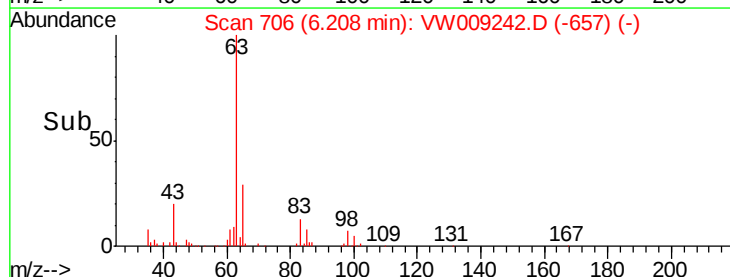
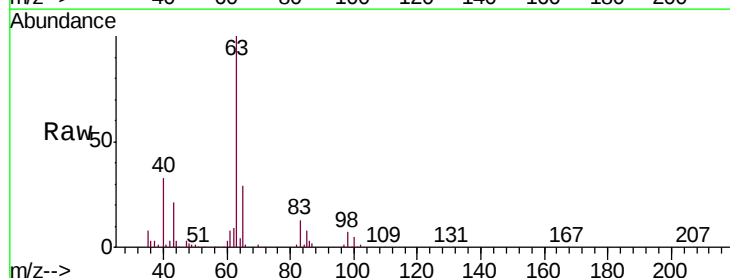
Tgt Ion: 63 Resp: 111643

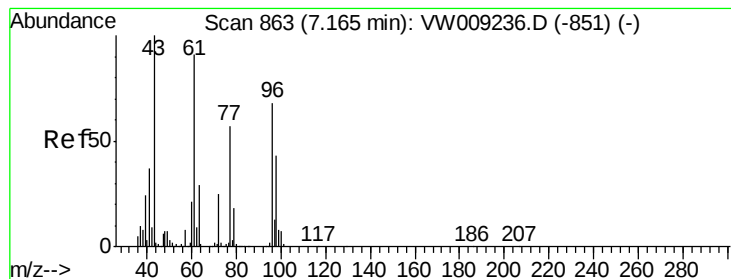
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 104.137 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

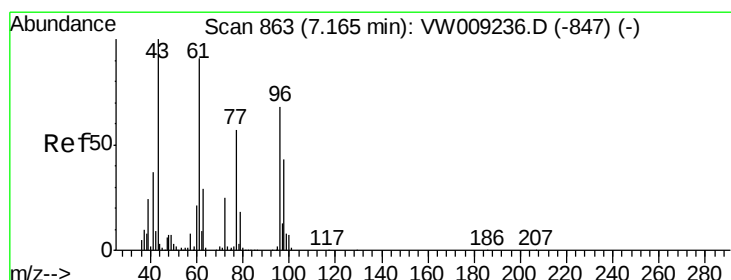
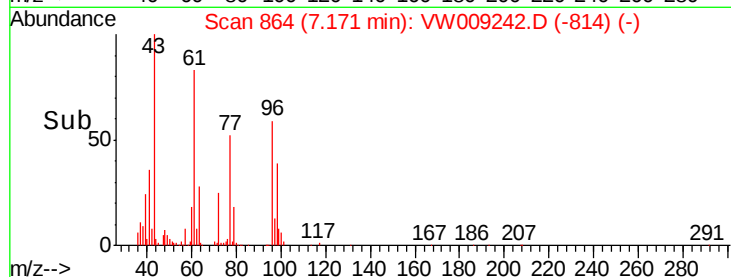
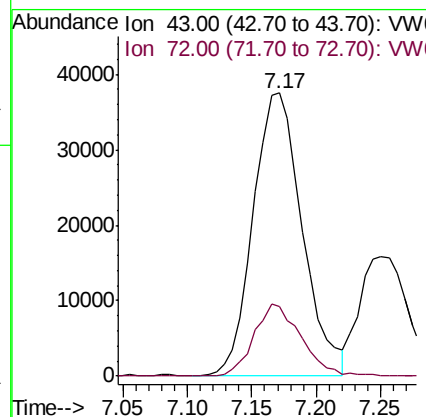
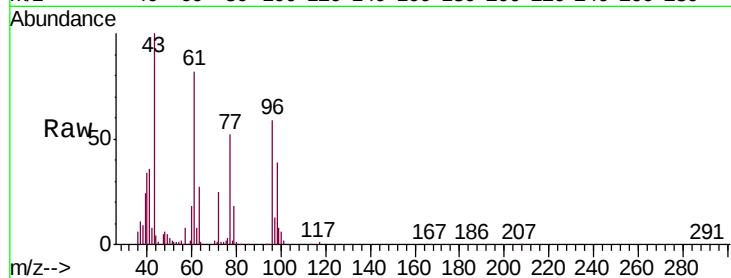
VW0319SBS01

Tgt Ion: 43 Resp: 99089

Ion Ratio Lower Upper

43 100

72 24.6 20.0 30.0



#26

2,2-Dichloropropane

Concen: 20.970 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW009242.D

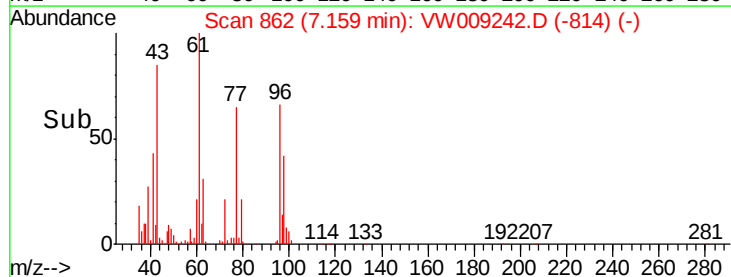
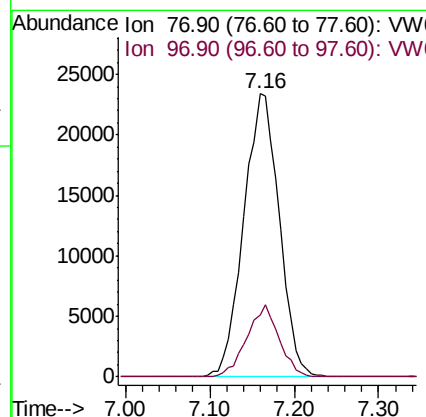
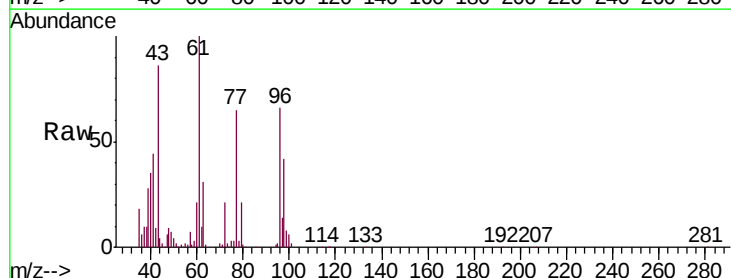
Acq: 19 Mar 2019 15:39

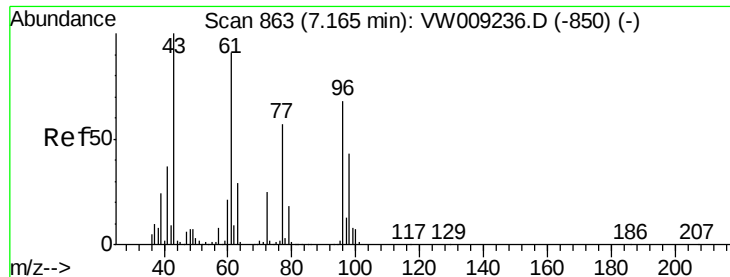
Tgt Ion: 77 Resp: 66743

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



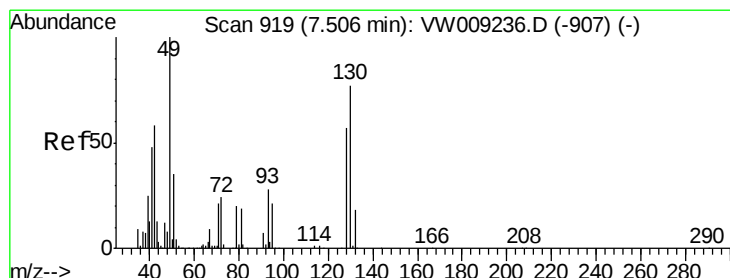
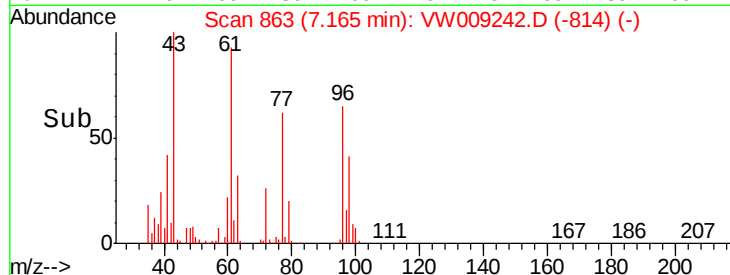
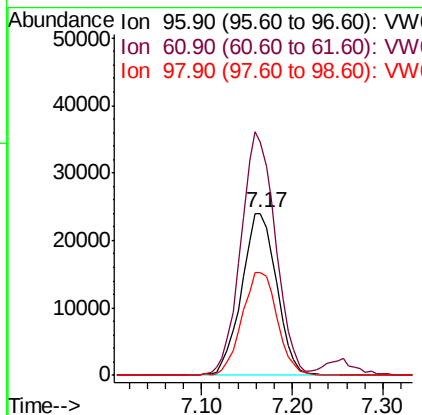
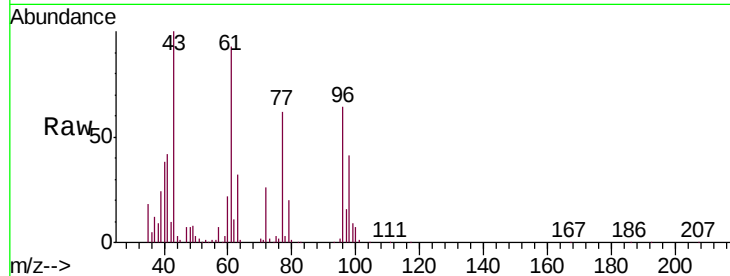


#27

cis-1,2-Dichloroethene
Concen: 19.803 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

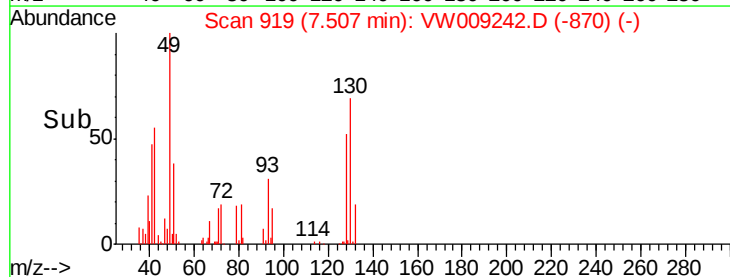
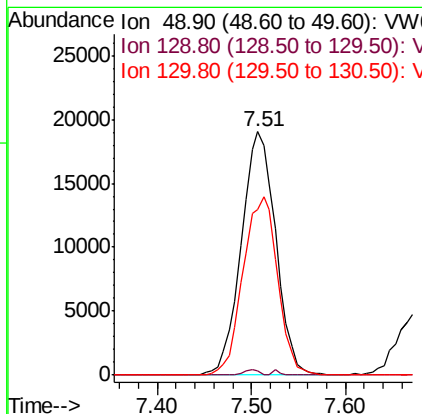
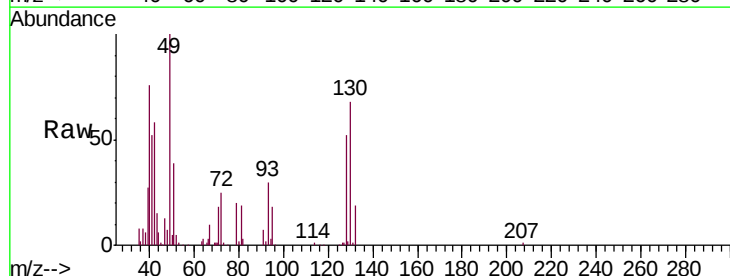
Tgt Ion: 96 Resp: 64101
Ion Ratio Lower Upper
96 100
61 148.7 0.0 289.8
98 64.0 0.0 130.8

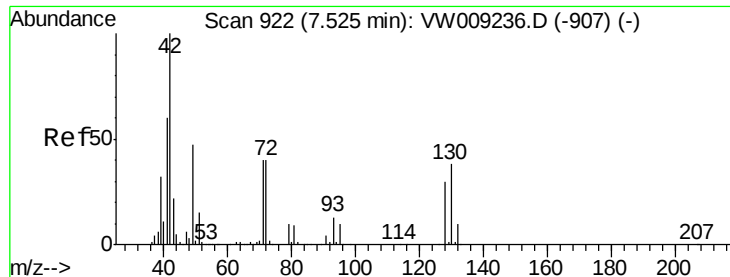


#28

Bromochloromethane
Concen: 19.352 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 49 Resp: 48350
Ion Ratio Lower Upper
49 100
129 1.1 0.0 1.4
130 73.8 58.6 88.0

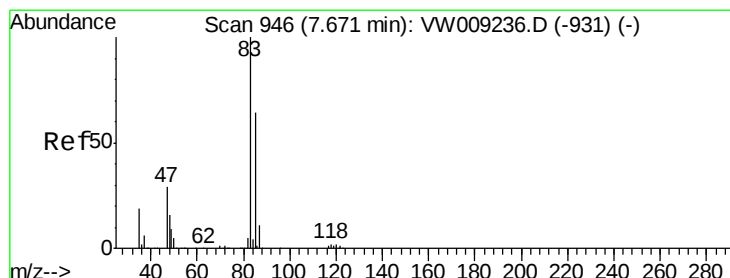
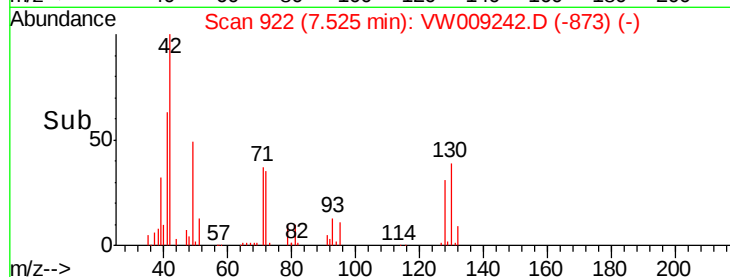
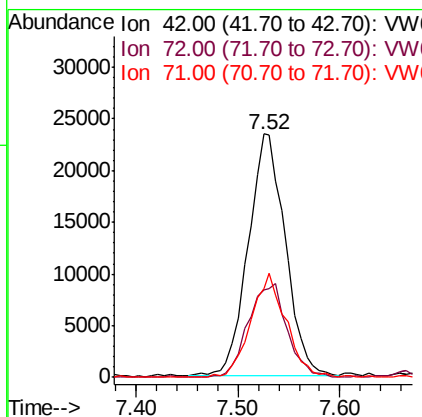
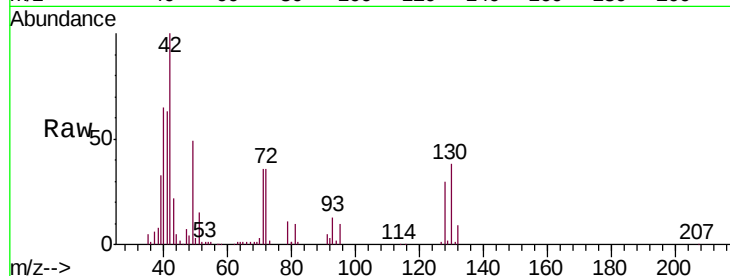




#29
Tetrahydrofuran
Concen: 98.497 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

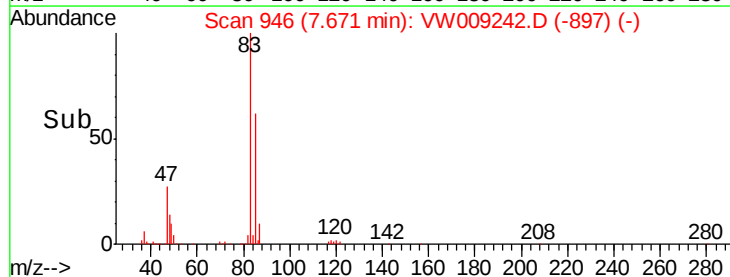
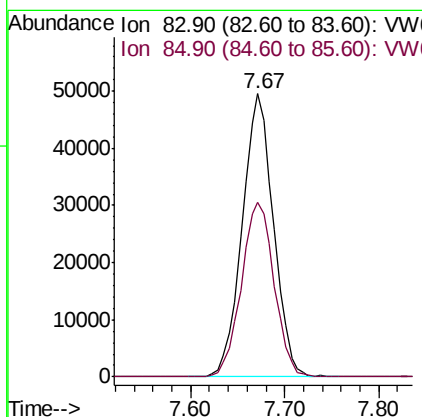
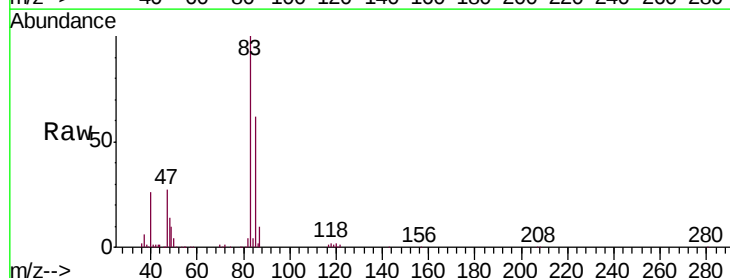
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

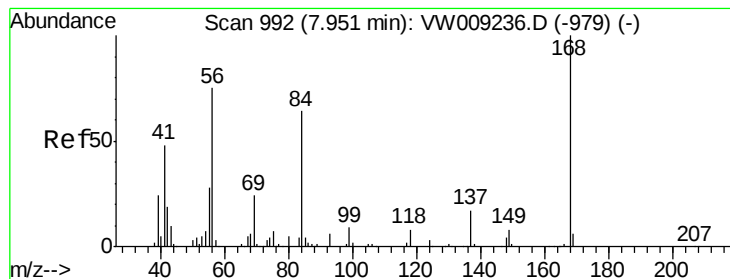
Tgt Ion: 42 Resp: 59572
Ion Ratio Lower Upper
42 100
72 40.0 32.4 48.6
71 40.5 30.1 45.1



#30
Chloroform
Concen: 19.372 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 83 Resp: 114814
Ion Ratio Lower Upper
83 100
85 61.8 51.0 76.6





#31

Cyclohexane

Concen: 20.047 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

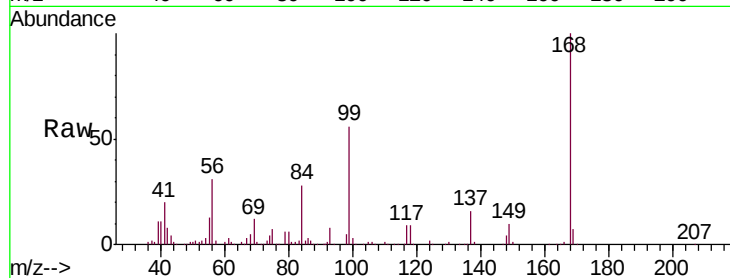
Tgt Ion: 56 Resp: 106460

Ion Ratio Lower Upper

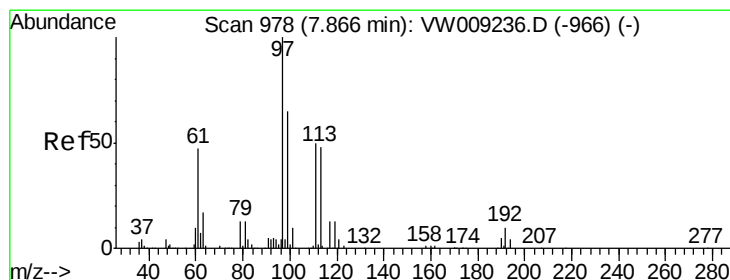
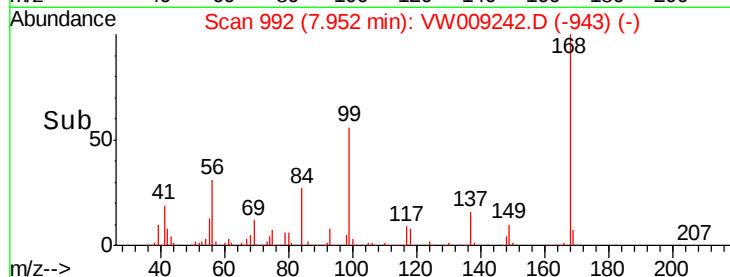
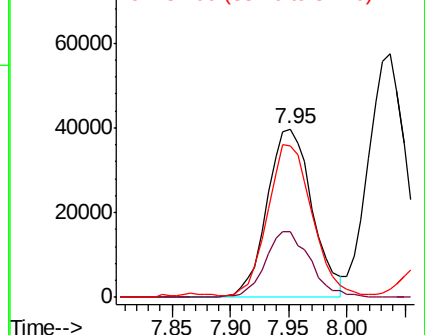
56 100

69 38.1 26.1 39.1

84 87.6 68.6 103.0



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



#32

1,1,1-Trichloroethane

Concen: 20.006 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

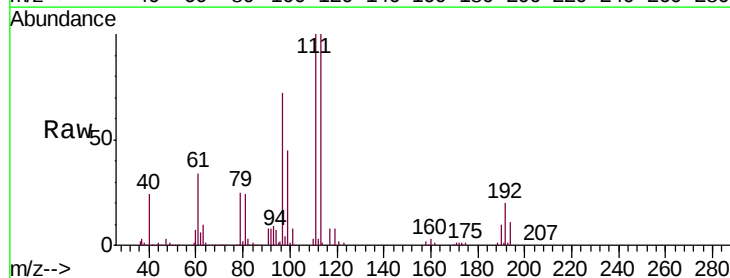
Tgt Ion: 97 Resp: 94643

Ion Ratio Lower Upper

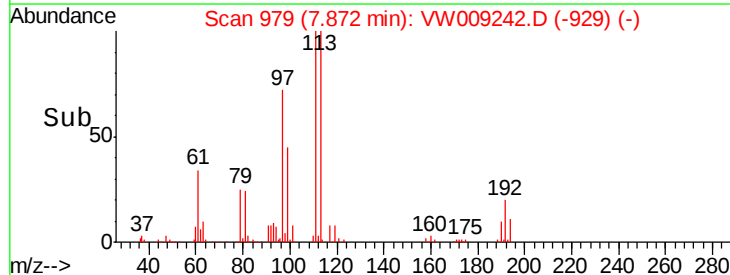
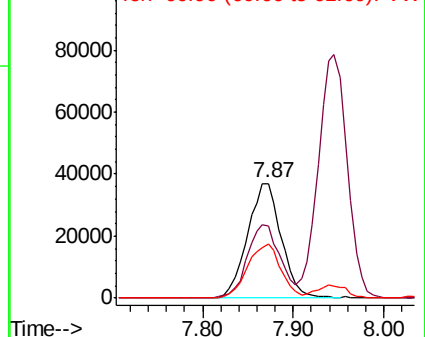
97 100

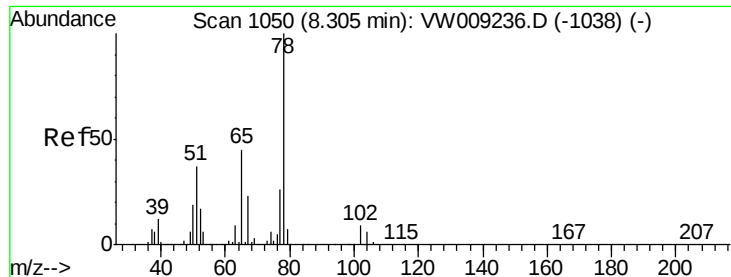
99 62.3 51.9 77.9

61 46.8 36.8 55.2



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

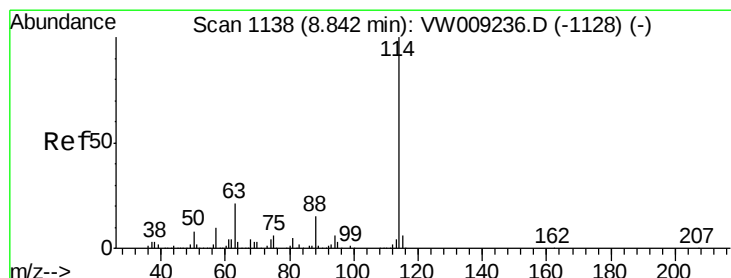
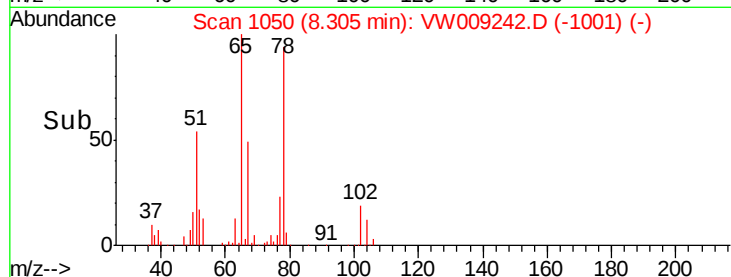
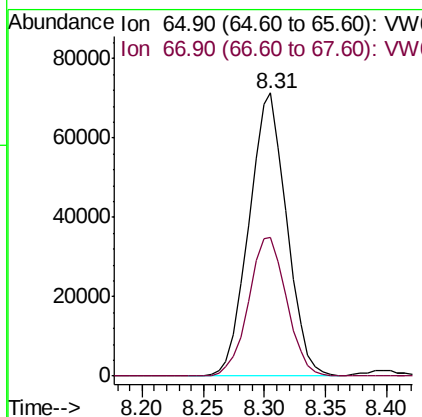
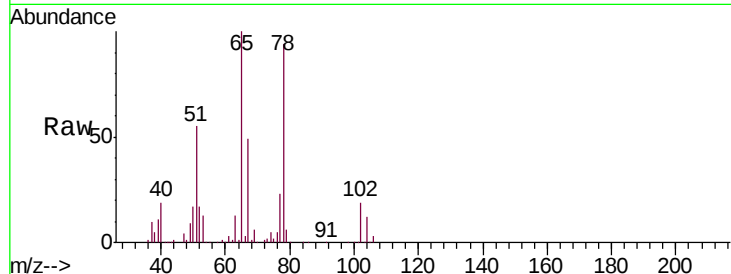




#33
 1,2-Dichloroethane-d4
 Concen: 47.257 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

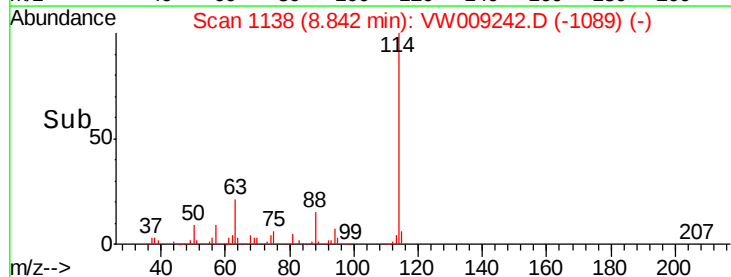
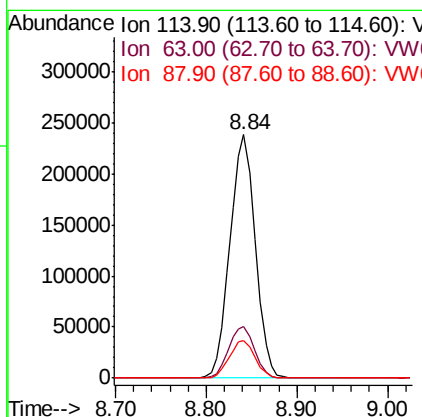
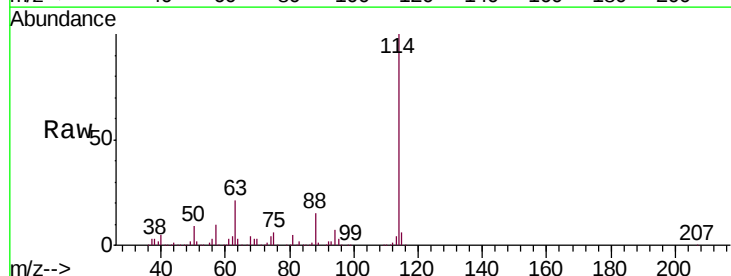
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

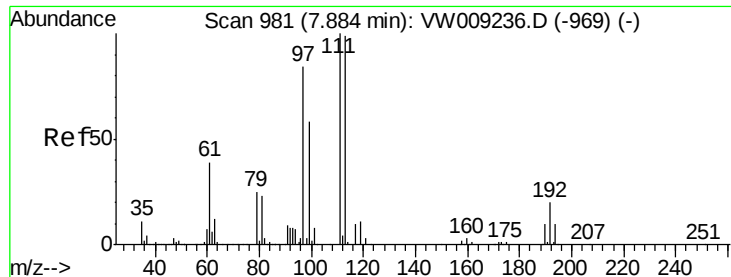
Tgt Ion: 65 Resp: 152957
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Tgt Ion: 114 Resp: 461805
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.2
 88 15.3 0.0 30.8

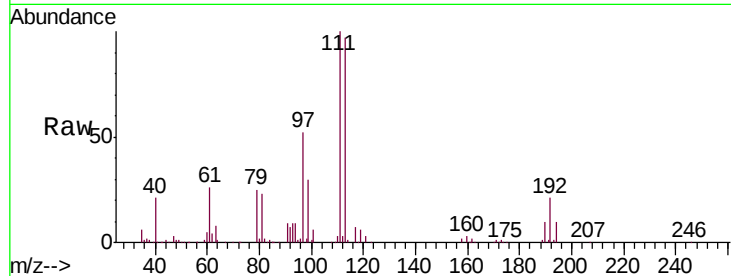




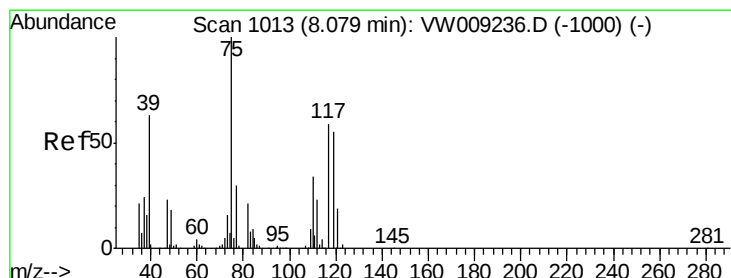
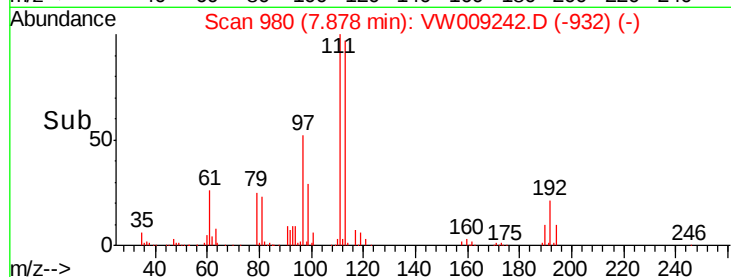
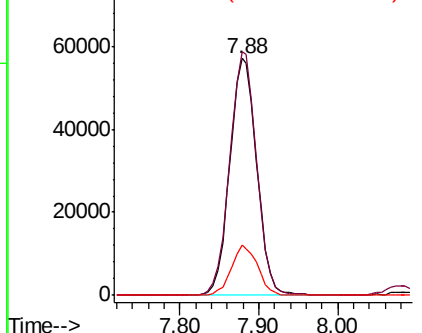
#35
 Dibromofluoromethane
 Concen: 46.245 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	20.6	16.4	24.6

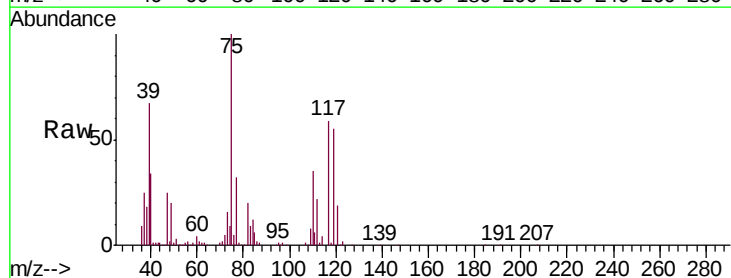


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

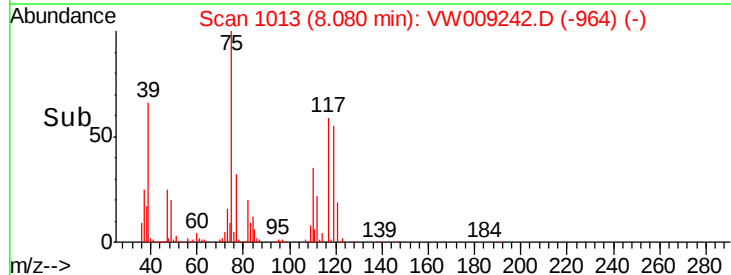
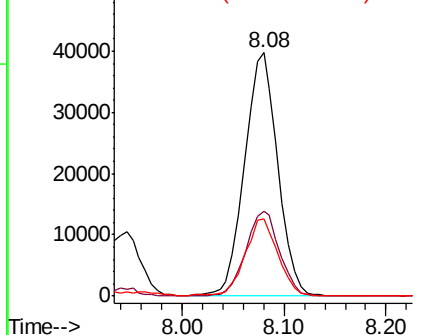


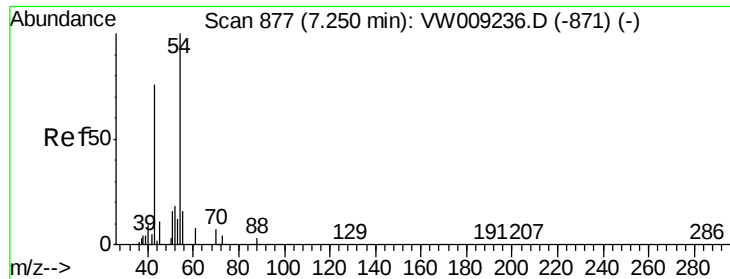
#36
 1,1-Dichloropropene
 Concen: 19.578 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	16.8	50.4
77	31.7	24.6	36.8



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

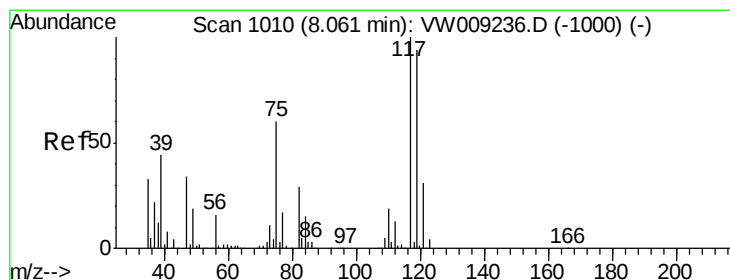
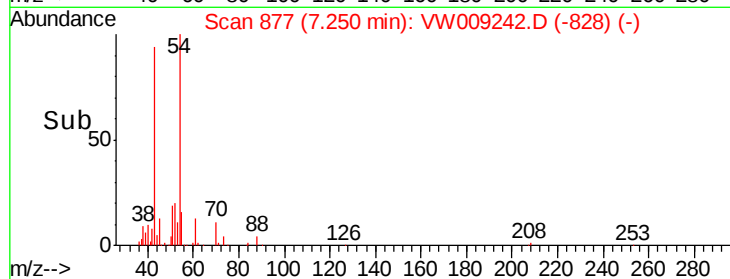
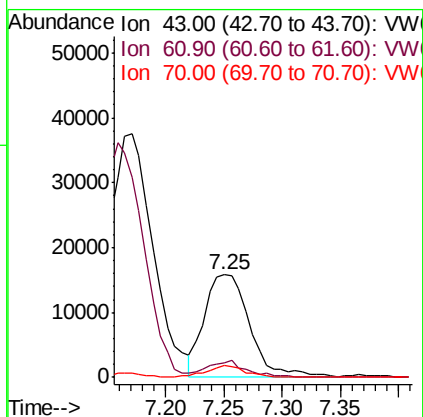
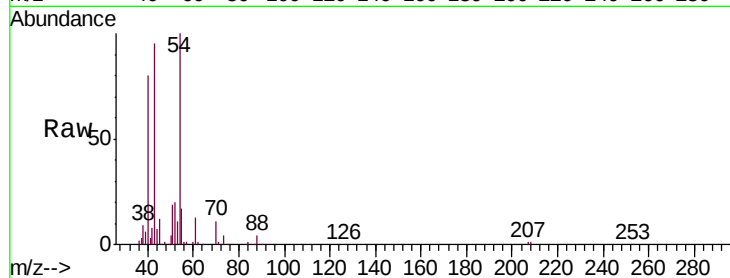




#37
Ethyl Acetate
Concen: 20.064 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

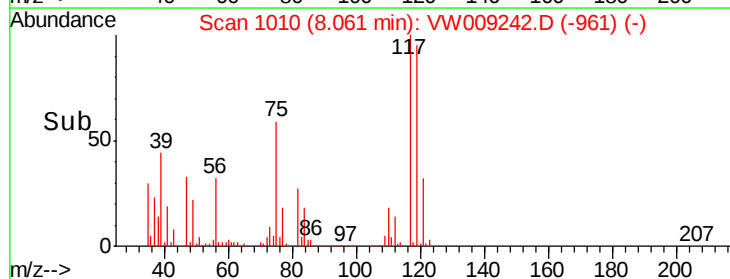
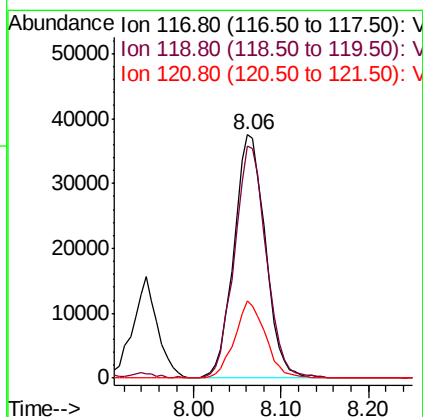
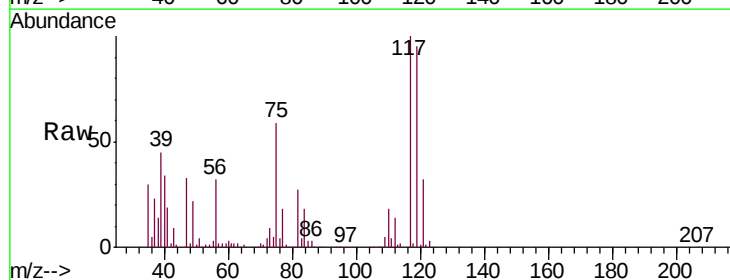
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

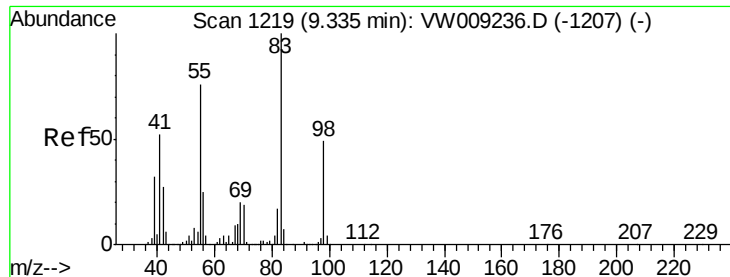
Tgt Ion: 43 Resp: 42074
Ion Ratio Lower Upper
43 100
61 13.3 10.0 15.0
70 10.0 7.3 10.9



#38
Carbon Tetrachloride
Concen: 19.326 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 117 Resp: 93988
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.0
121 31.6 24.9 37.3

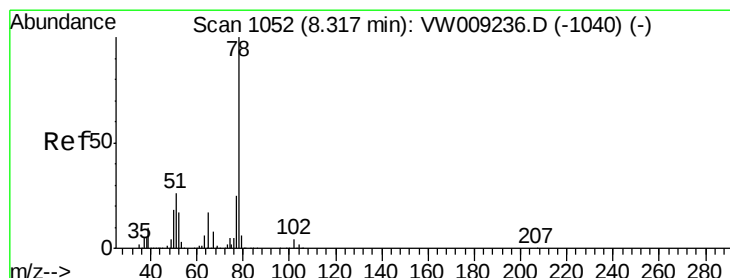
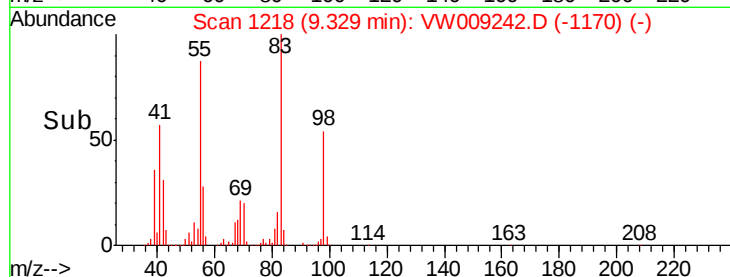
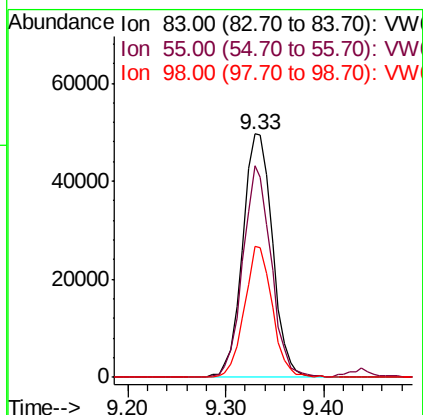
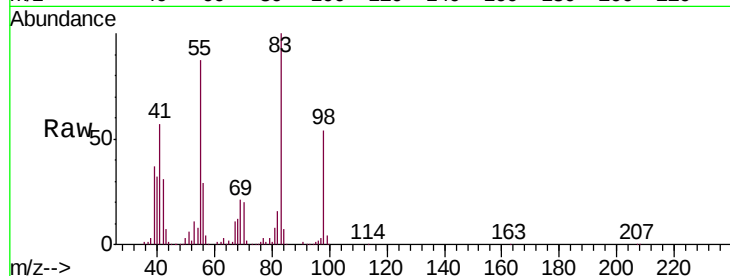




#39
Methylcyclohexane
Concen: 19.755 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

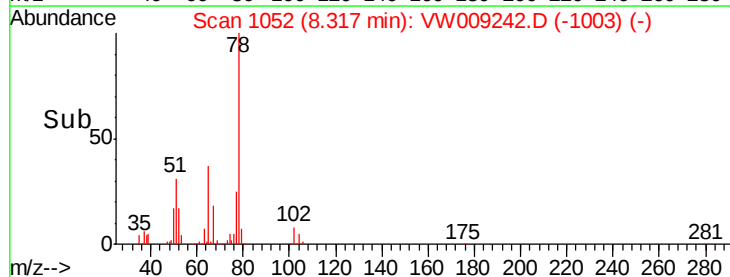
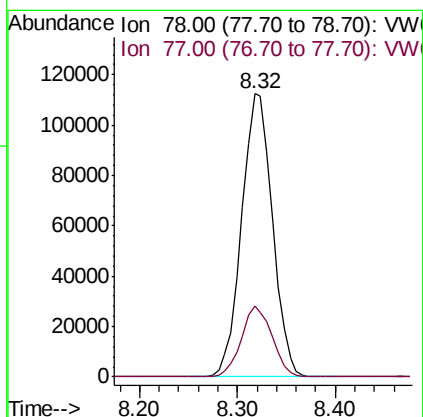
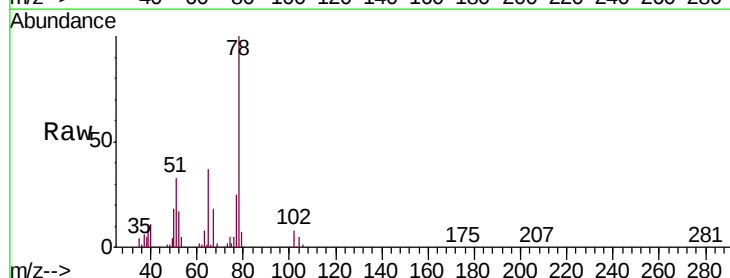
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

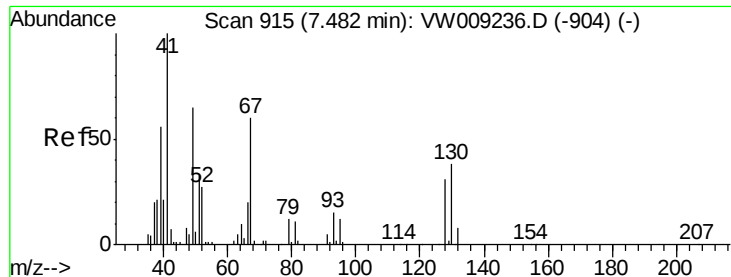
Tgt Ion: 83 Resp: 105033
Ion Ratio Lower Upper
83 100
55 86.7 61.1 91.7
98 53.8 39.0 58.4



#40
Benzene
Concen: 19.698 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 78 Resp: 245468
Ion Ratio Lower Upper
78 100
77 25.0 19.8 29.6

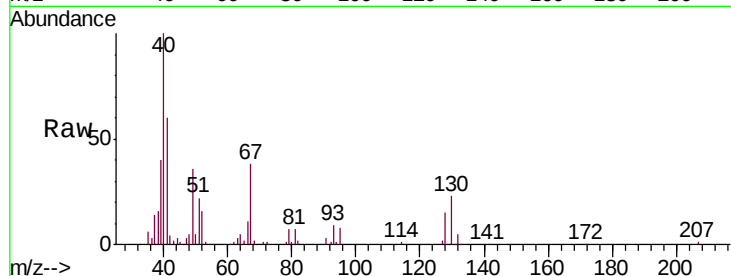




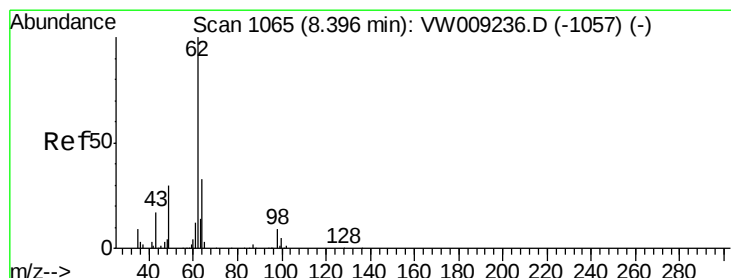
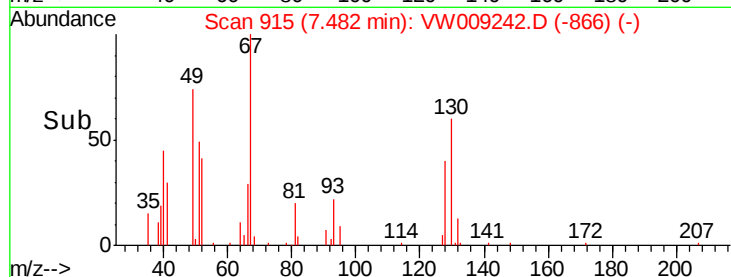
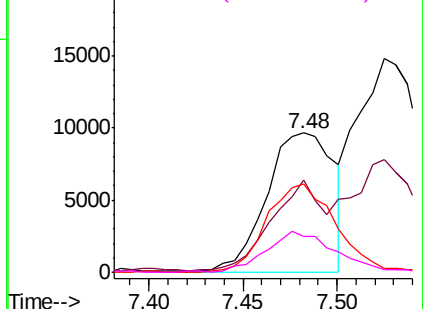
#41
Methacrylonitrile
Concen: 21.218 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

Tgt Ion: 41 Resp: 23980
Ion Ratio Lower Upper
41 100
39 49.3 52.5 78.7#
67 66.0 56.6 84.8
52 30.4 27.2 40.8

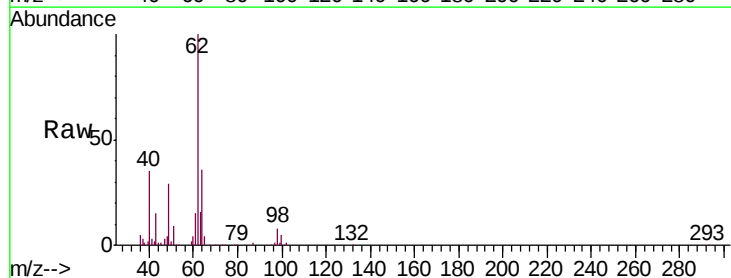


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

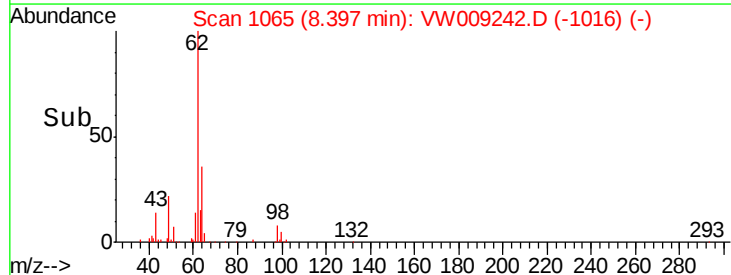
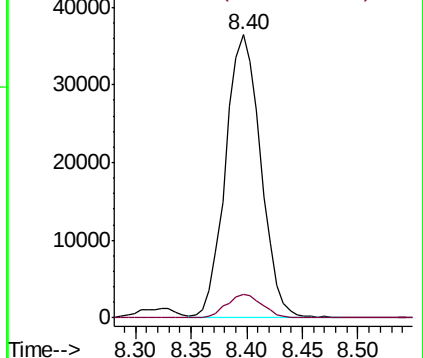


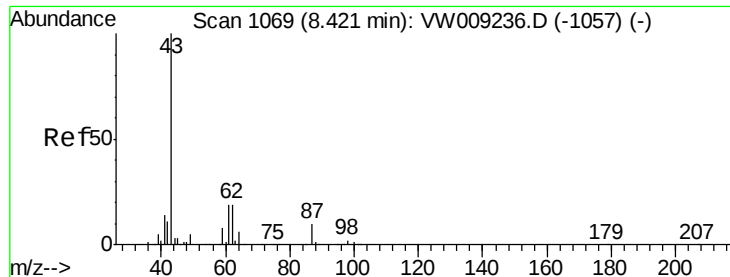
#42
1,2-Dichloroethane
Concen: 19.604 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 62 Resp: 79858
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.4



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





#43

Isopropyl Acetate

Concen: 19.499 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBSD01

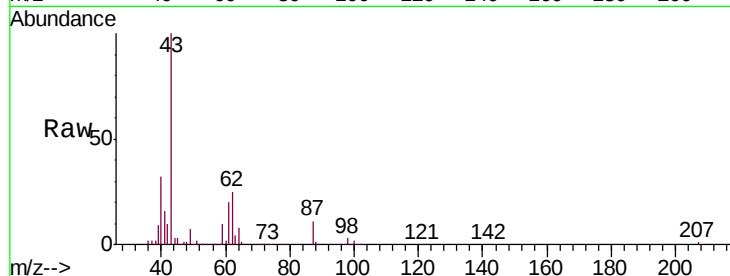
Tgt Ion: 43 Resp: 81874

Ion Ratio Lower Upper

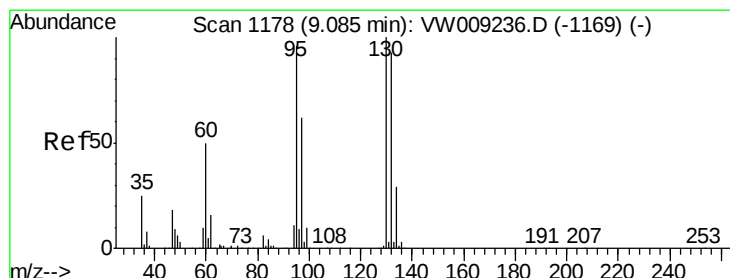
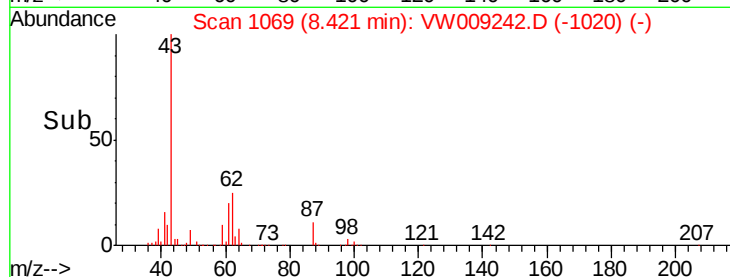
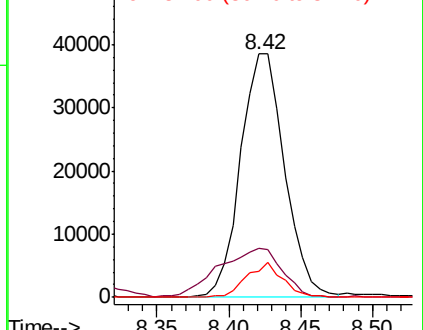
43 100

61 28.0 22.2 33.2

87 11.9 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.362 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009242.D

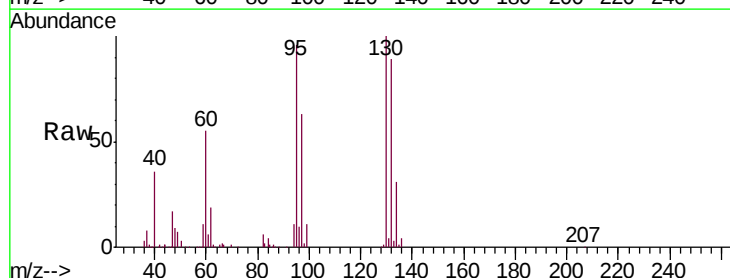
Acq: 19 Mar 2019 15:39

Tgt Ion: 130 Resp: 66099

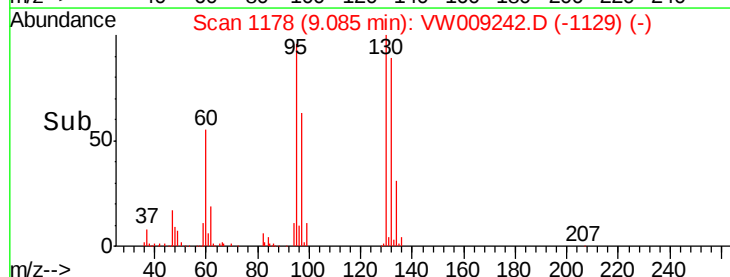
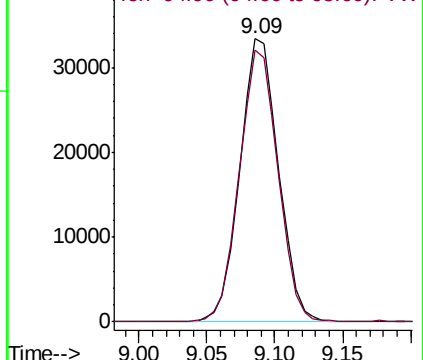
Ion Ratio Lower Upper

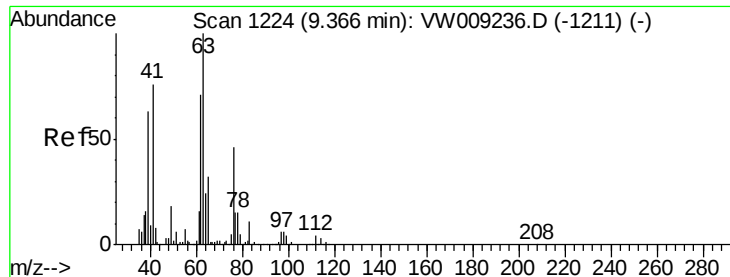
130 100

95 95.8 0.0 192.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 19.421 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

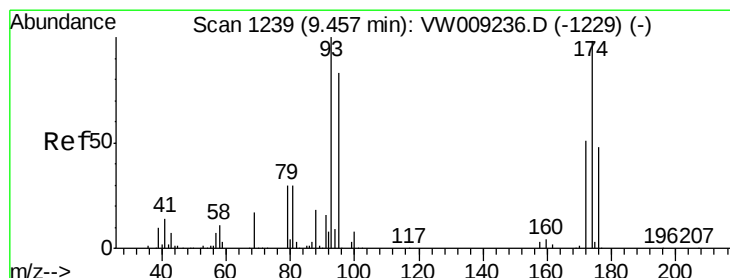
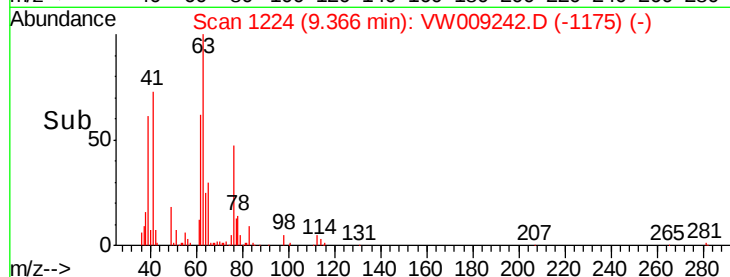
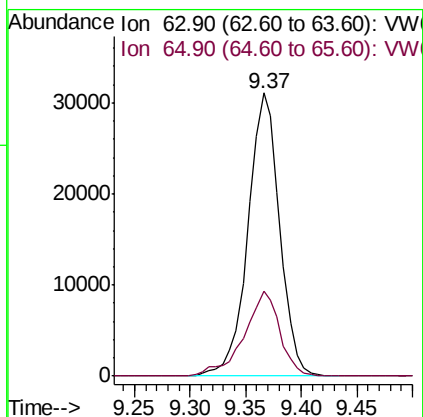
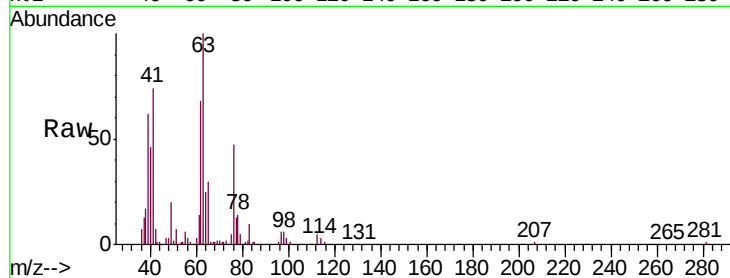
VW0319SBSD01

Tgt Ion: 63 Resp: 61523

Ion Ratio Lower Upper

63 100

65 30.2 25.8 38.8



#46

Dibromomethane

Concen: 19.756 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

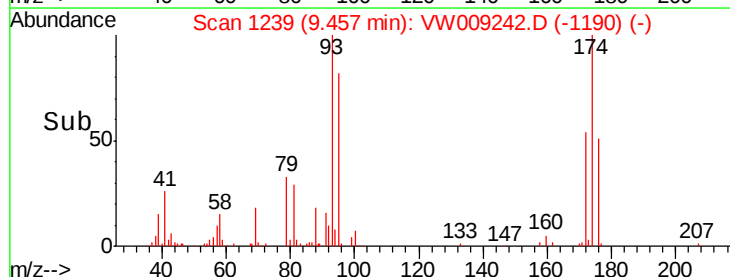
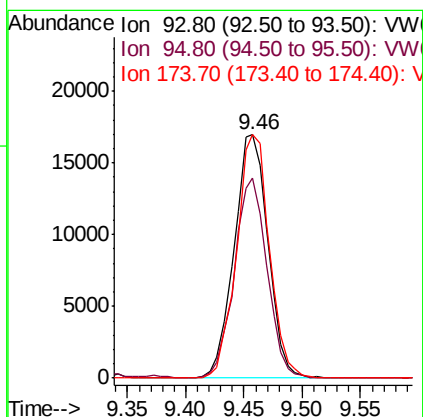
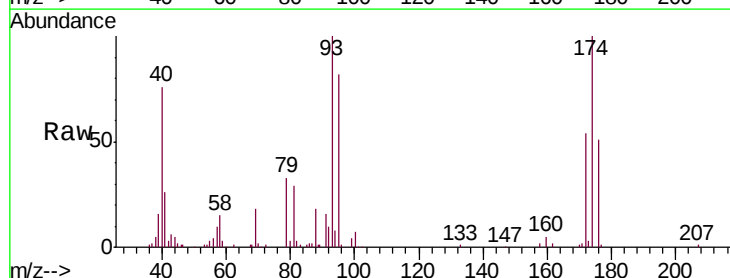
Tgt Ion: 93 Resp: 34416

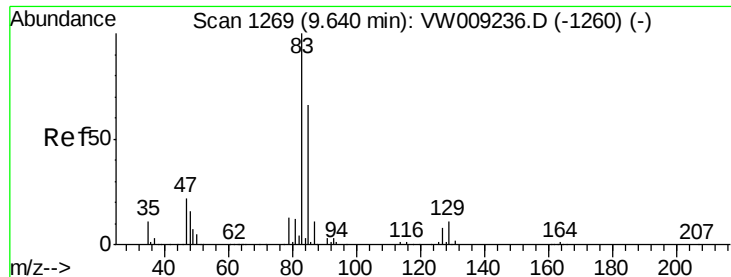
Ion Ratio Lower Upper

93 100

95 79.4 66.9 100.3

174 97.1 80.8 121.2

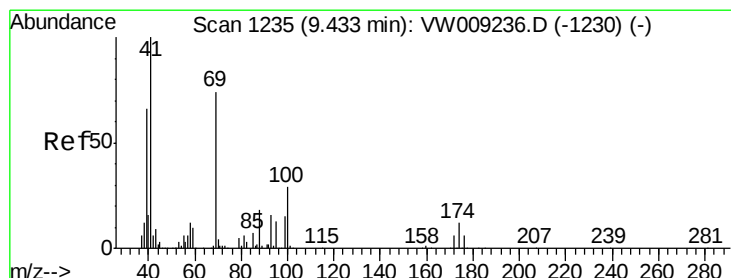
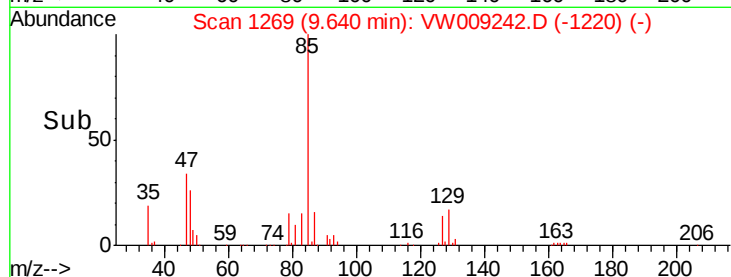
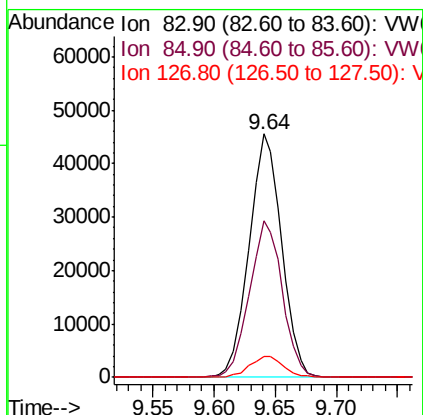
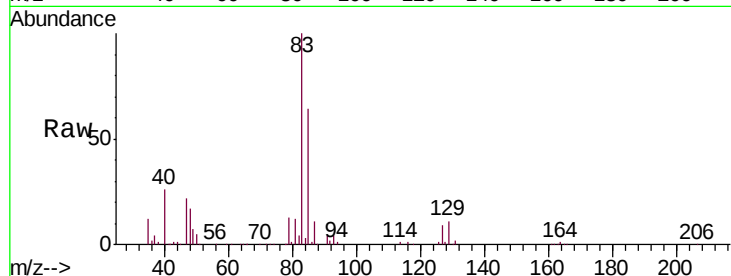




#47
Bromodichloromethane
Concen: 19.202 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

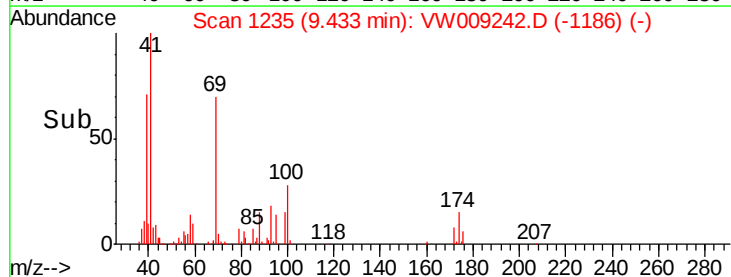
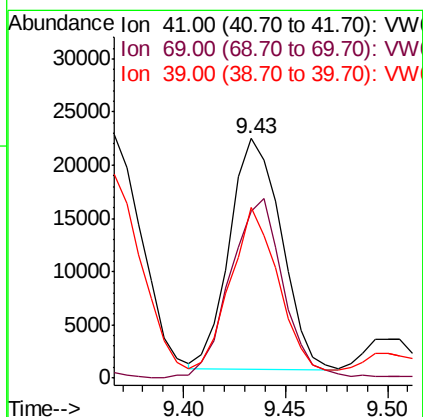
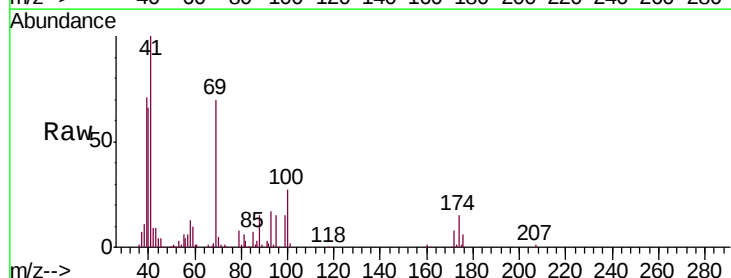
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

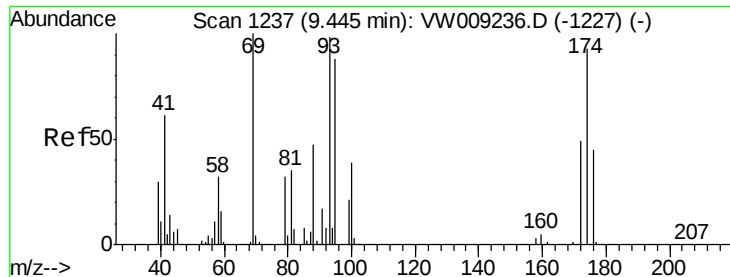
Tgt Ion: 83 Resp: 84531
Ion Ratio Lower Upper
83 100
85 64.4 52.6 79.0
127 8.7 6.5 9.7



#48
Methyl methacrylate
Concen: 19.701 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 41 Resp: 38299
Ion Ratio Lower Upper
41 100
69 81.0 63.0 94.6
39 64.4 57.2 85.8

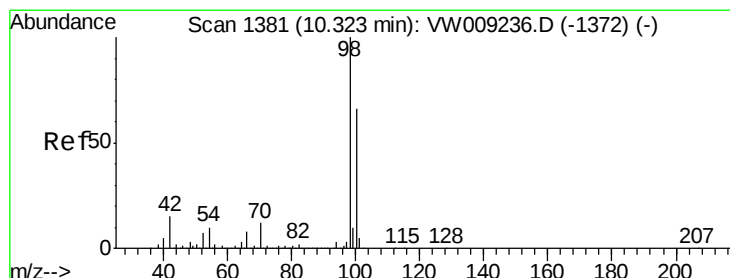
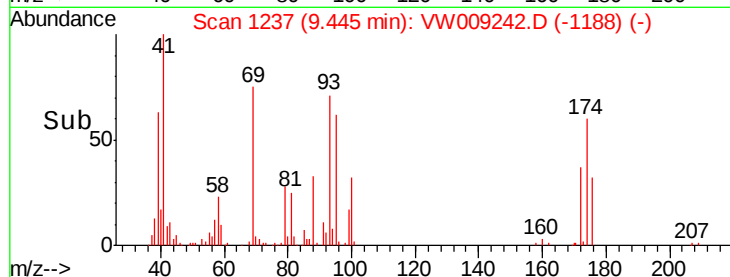
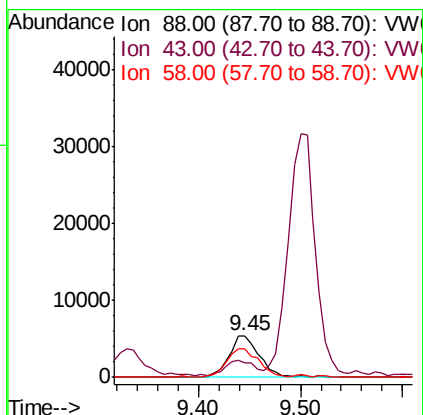
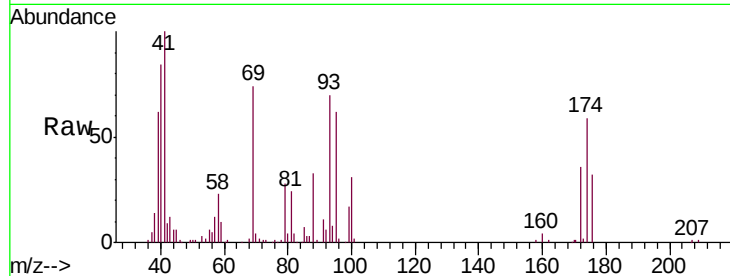




#49
1,4-Dioxane
Concen: 412.435 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

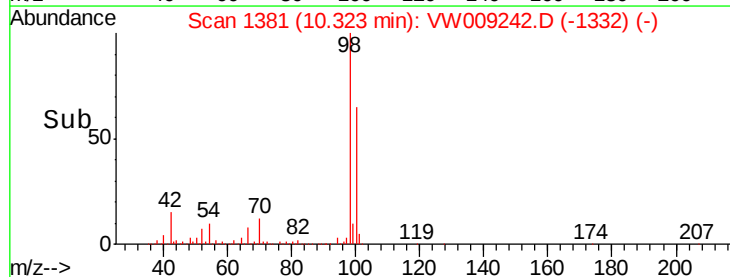
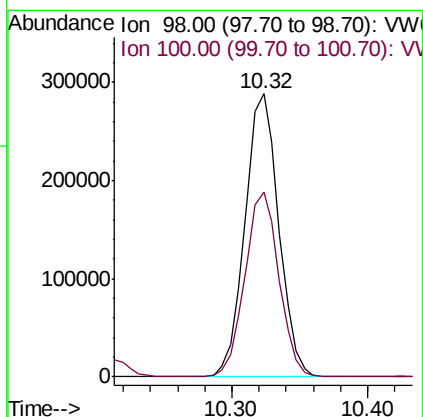
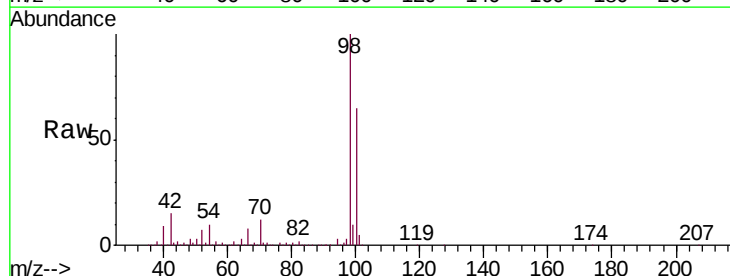
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

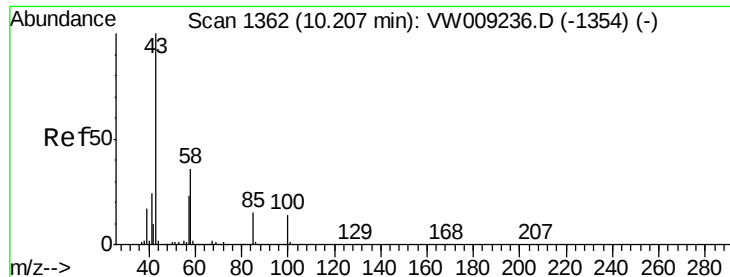
Tgt Ion: 88 Resp: 11144
Ion Ratio Lower Upper
88 100
43 35.7 29.7 44.5
58 74.0 58.1 87.1



#50
Toluene-d8
Concen: 47.197 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 98 Resp: 502446
Ion Ratio Lower Upper
98 100
100 65.5 52.6 79.0

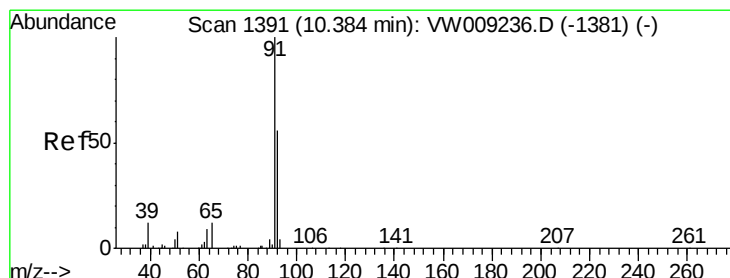
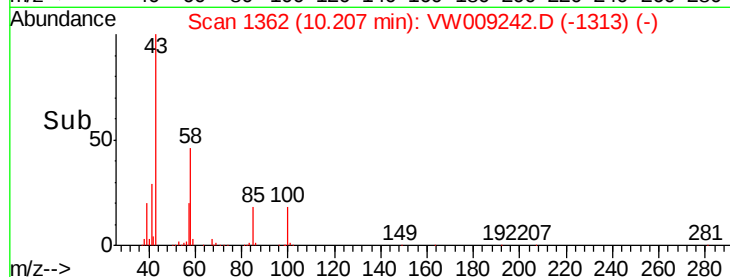
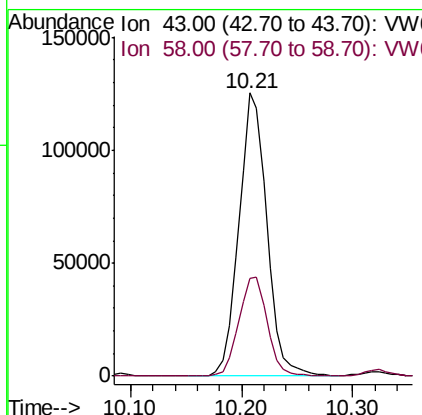
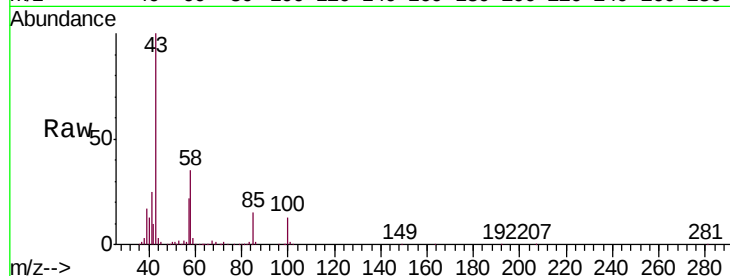




#51
4-Methyl-2-Pentanone
Concen: 99.197 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

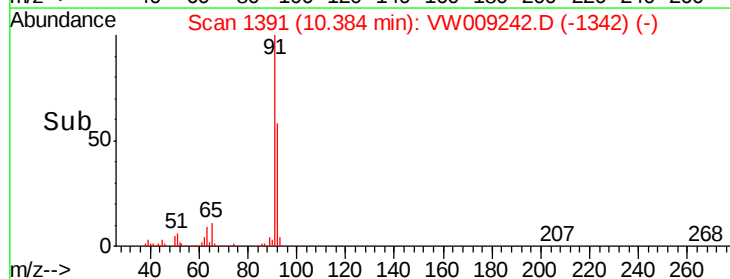
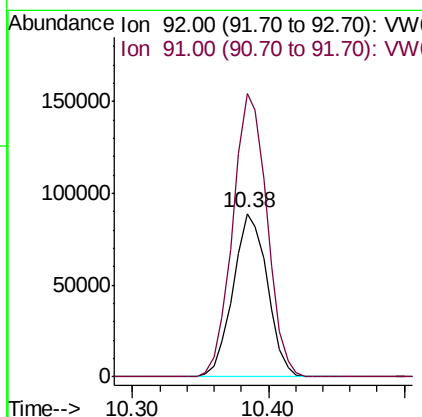
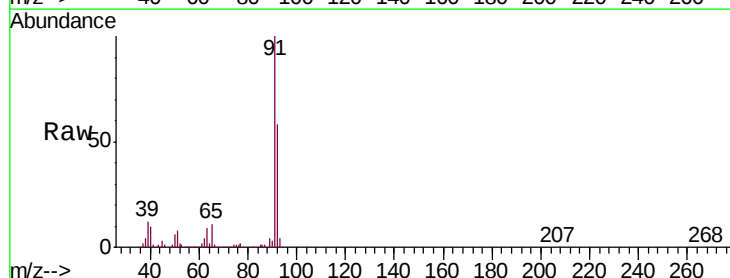
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

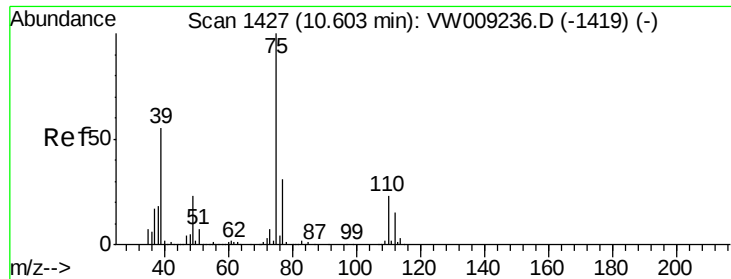
Tgt Ion: 43 Resp: 217077
Ion Ratio Lower Upper
43 100
58 35.7 28.6 42.8



#52
Toluene
Concen: 19.833 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 92 Resp: 156604
Ion Ratio Lower Upper
92 100
91 173.6 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 19.440 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

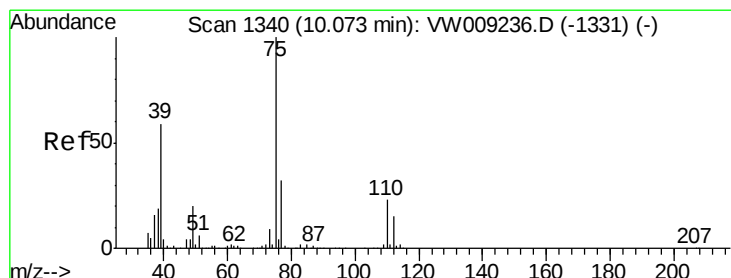
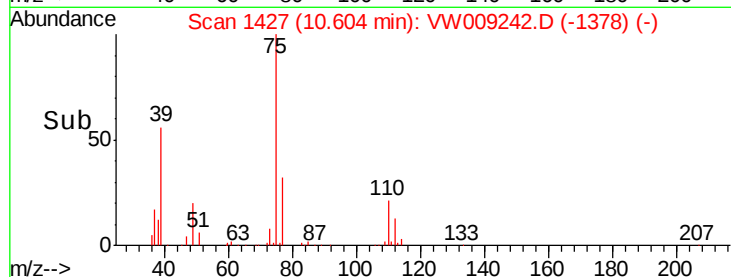
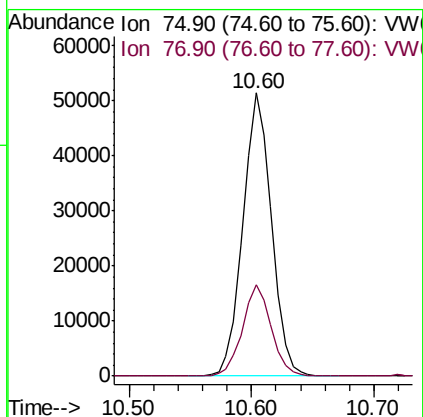
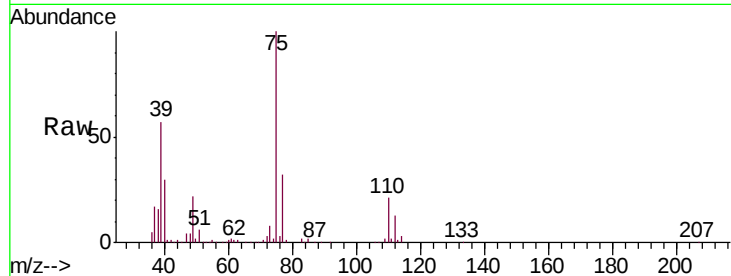
VW0319SBS01

Tgt Ion: 75 Resp: 83450

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 19.242 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

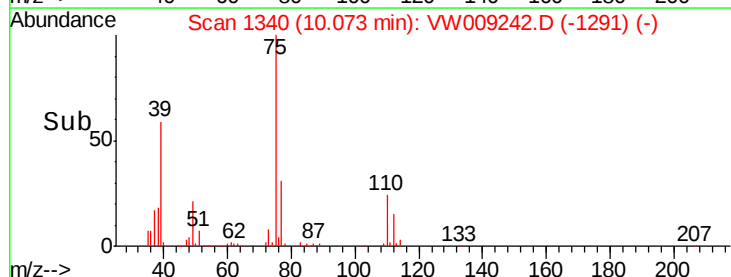
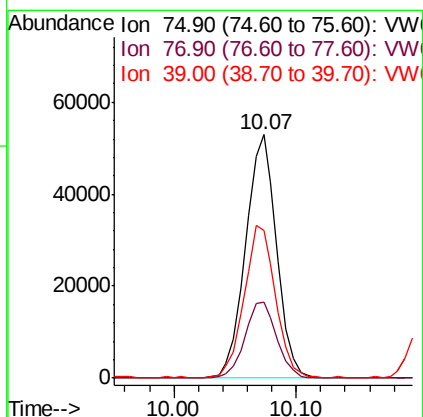
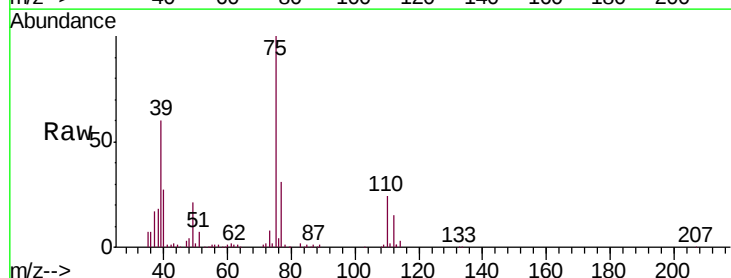
Tgt Ion: 75 Resp: 92928

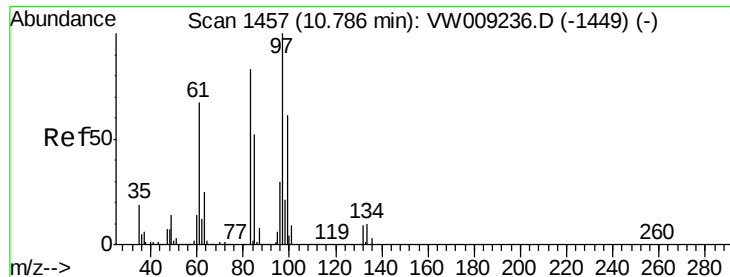
Ion Ratio Lower Upper

75 100

77 31.1 25.9 38.9

39 60.1 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 19.484 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBSD01

Tgt Ion: 97 Resp: 45959

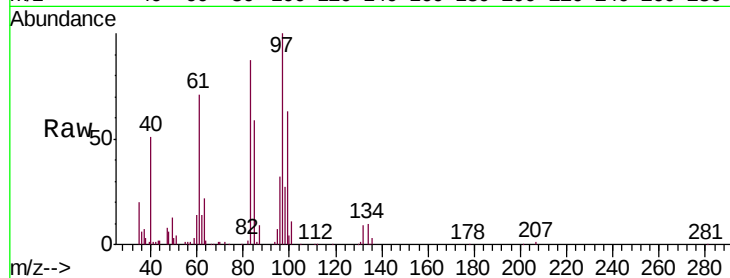
Ion Ratio Lower Upper

97 100

83 87.0 66.3 99.5

85 59.4 41.4 62.2

99 63.2 48.7 73.1



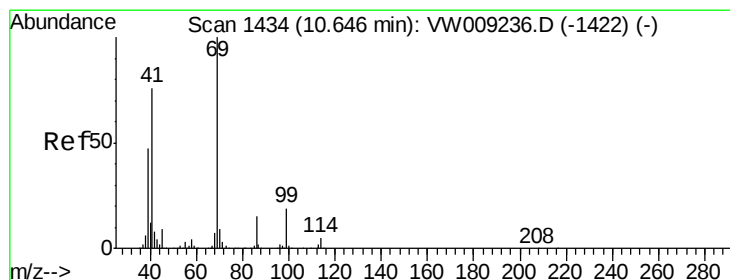
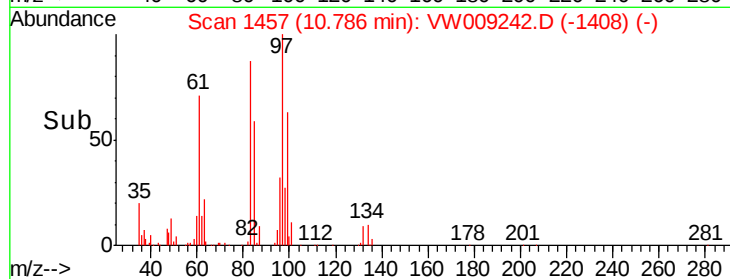
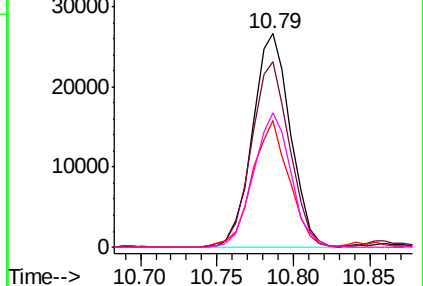
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 19.634 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

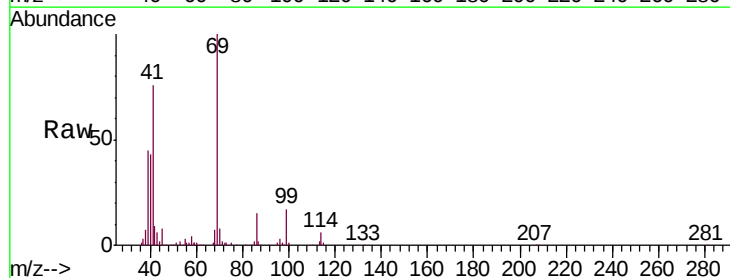
Tgt Ion: 69 Resp: 55149

Ion Ratio Lower Upper

69 100

41 72.6 59.3 88.9

39 47.0 36.2 54.2

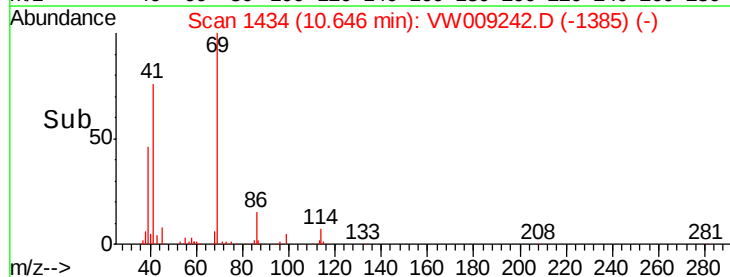
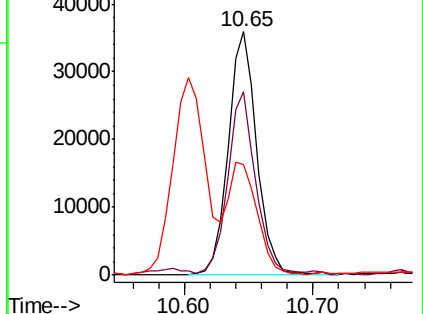


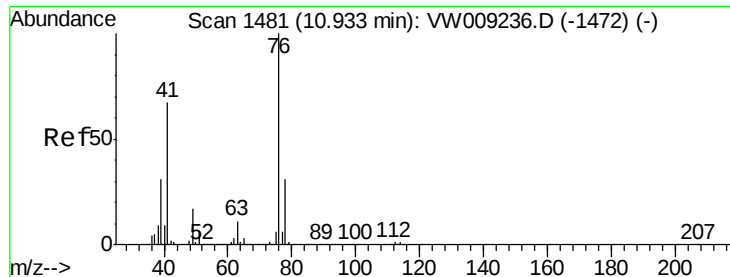
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

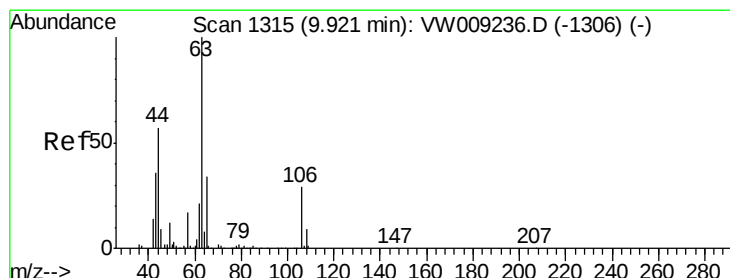
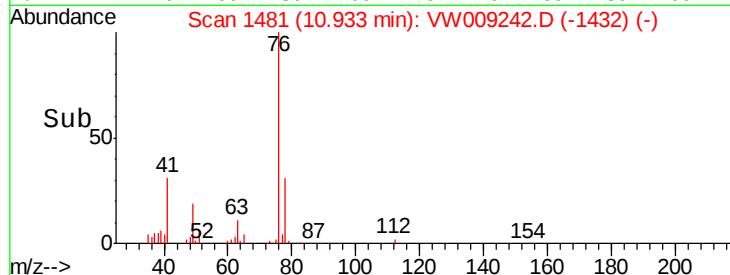
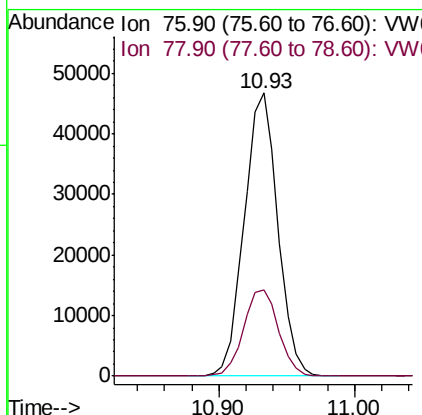
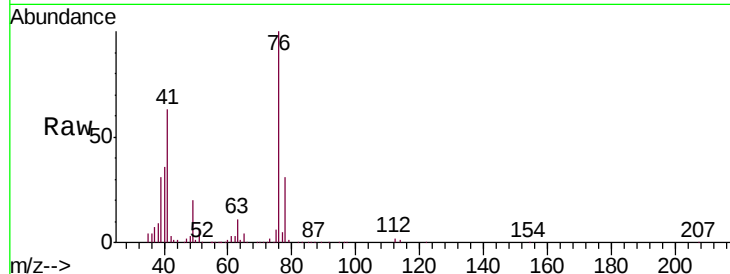




#57
 1,3-Dichloropropane
 Concen: 19.801 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

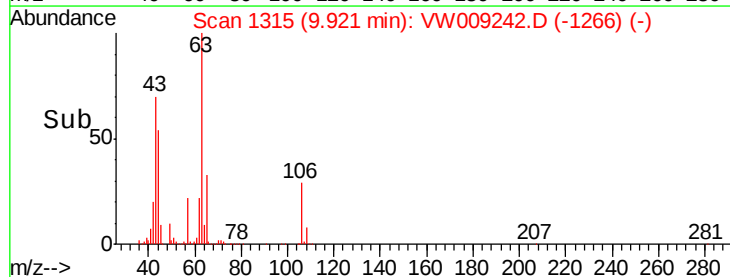
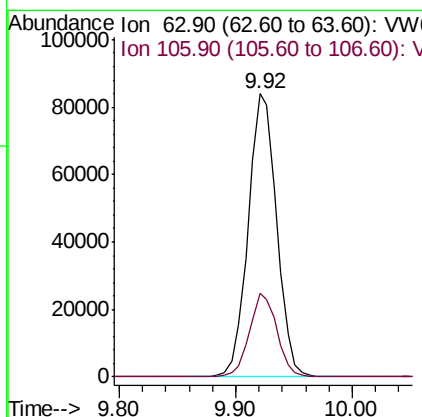
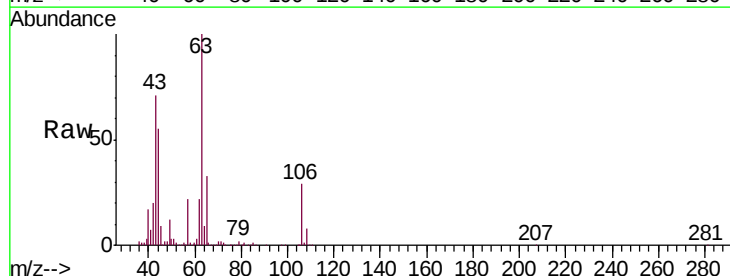
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

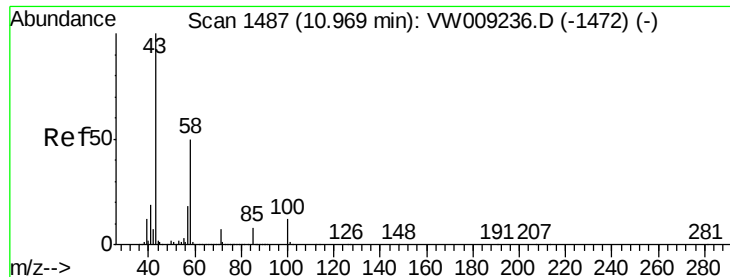
Tgt Ion: 76 Resp: 80559
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 174.335 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Tgt Ion: 63 Resp: 143277
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.9 34.3





#59

2-Hexanone

Concen: 101.329 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

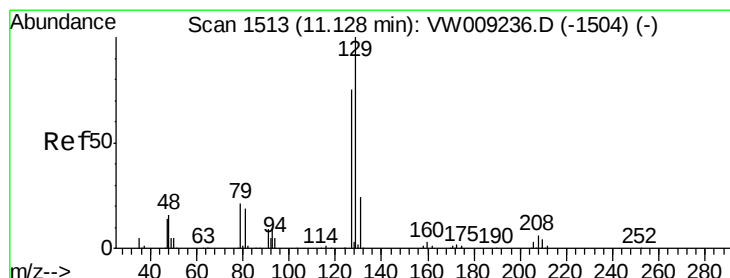
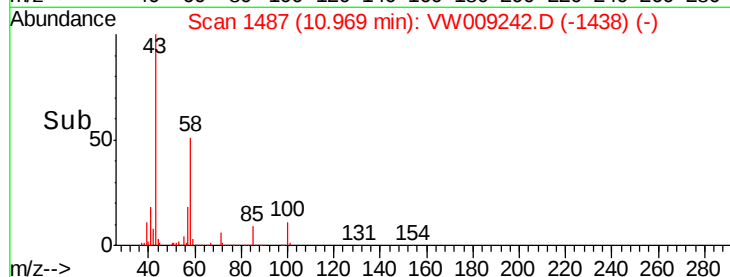
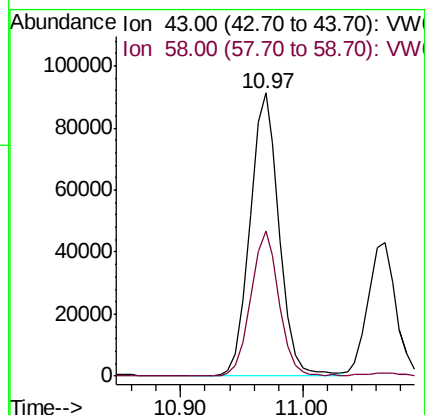
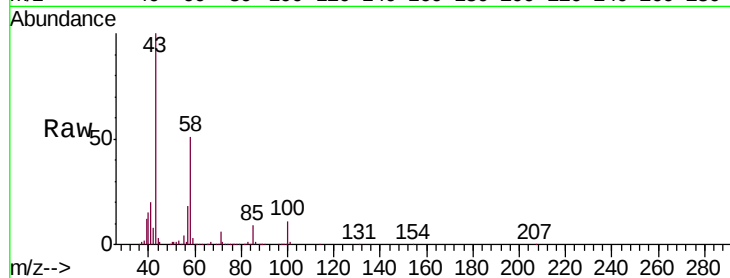
VW0319SBSD01

Tgt Ion: 43 Resp: 150540

Ion Ratio Lower Upper

43 100

58 50.0 24.2 72.6



#60

Dibromochloromethane

Concen: 19.191 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009242.D

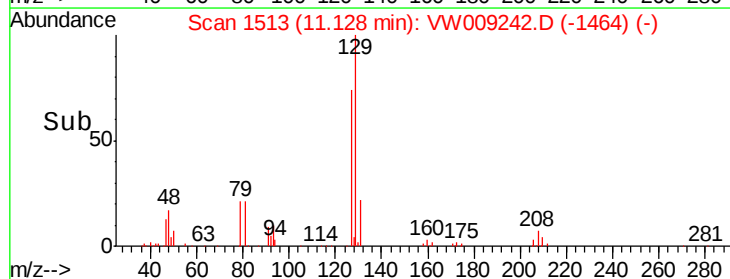
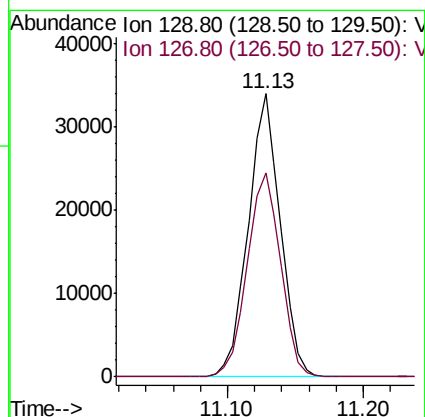
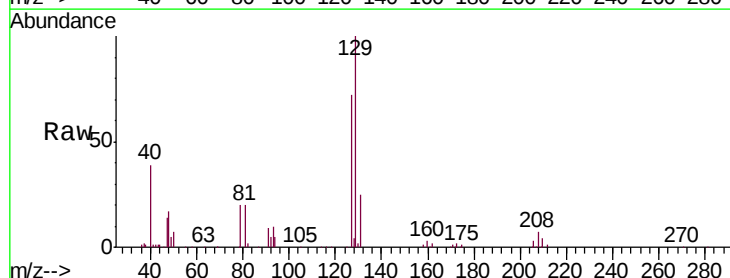
Acq: 19 Mar 2019 15:39

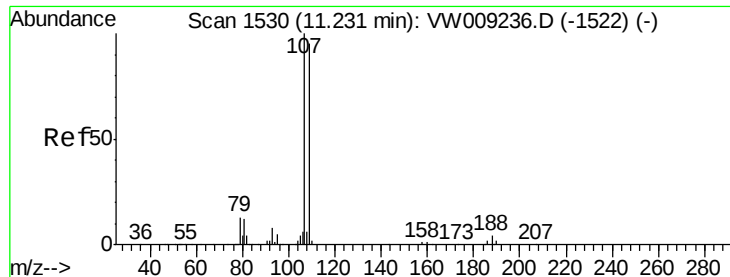
Tgt Ion: 129 Resp: 55928

Ion Ratio Lower Upper

129 100

127 75.2 38.1 114.5

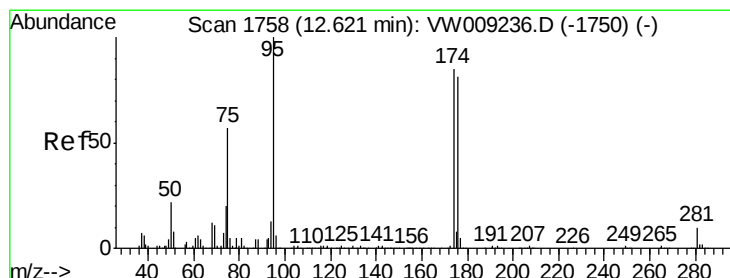
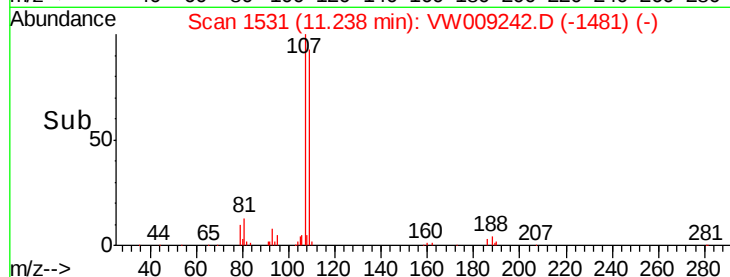
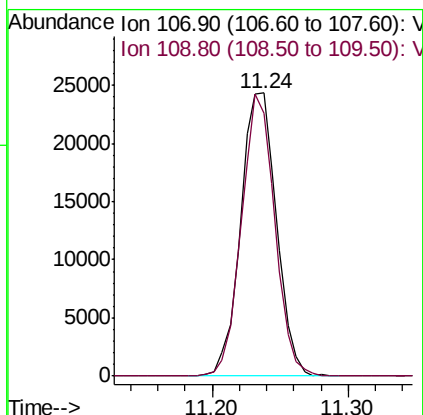
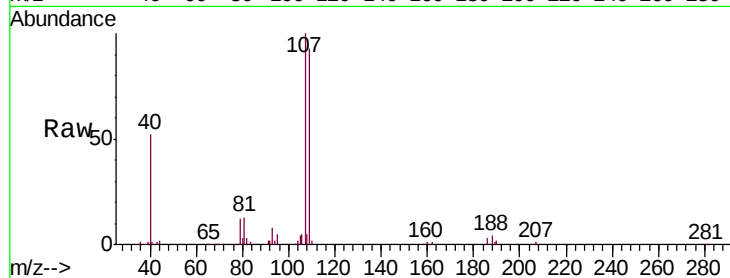




#61
 1,2-Dibromoethane
 Concen: 19.946 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

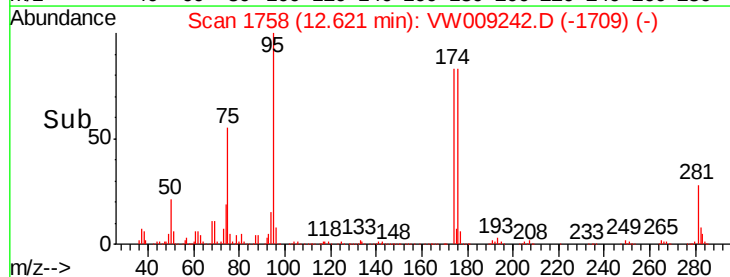
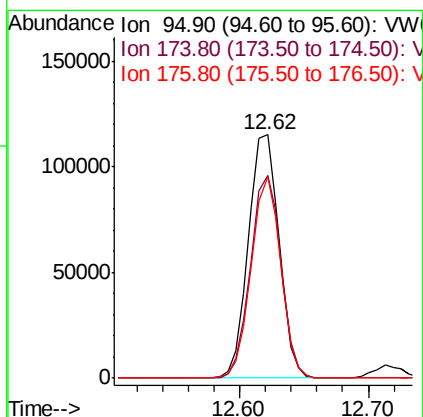
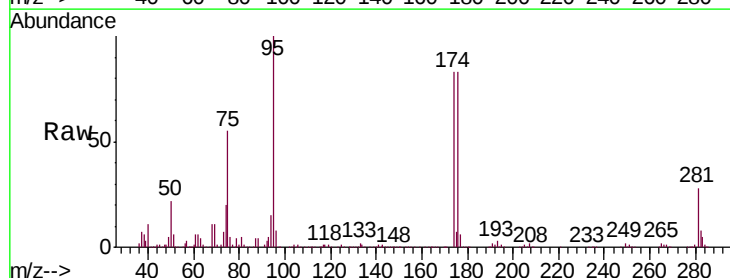
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBSD01

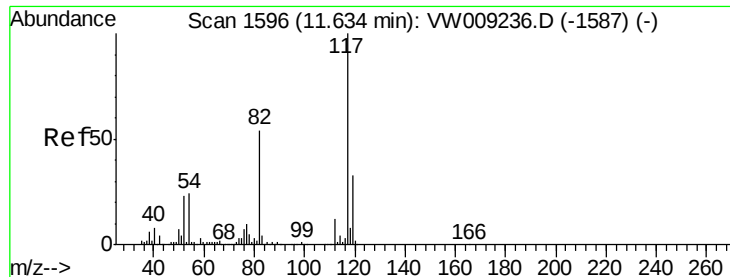
Tgt Ion: 107 Resp: 44812
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.351 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Tgt Ion: 95 Resp: 188992
 Ion Ratio Lower Upper
 95 100
 174 82.8 0.0 168.4
 176 79.3 0.0 161.6

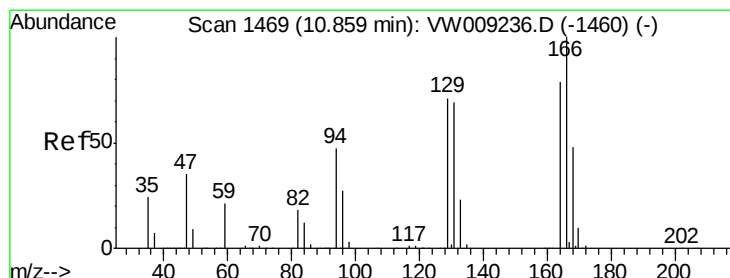
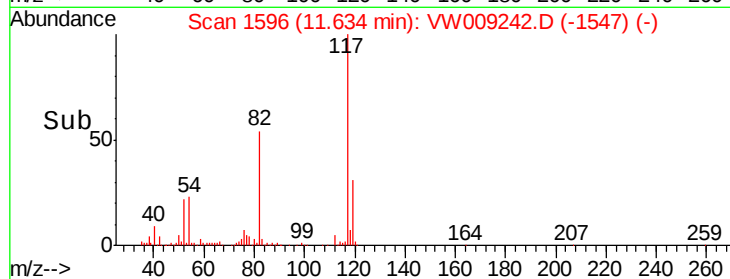
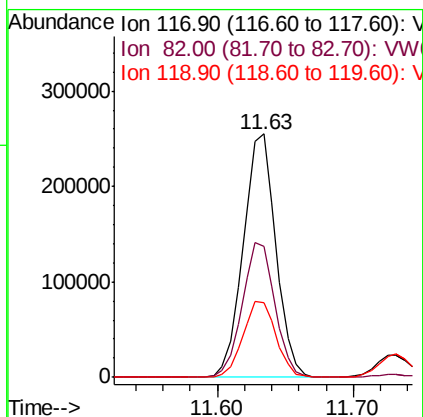
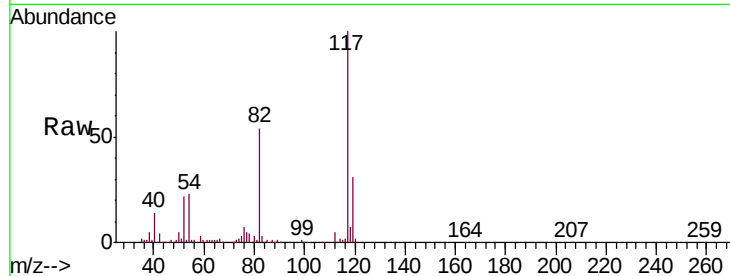




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

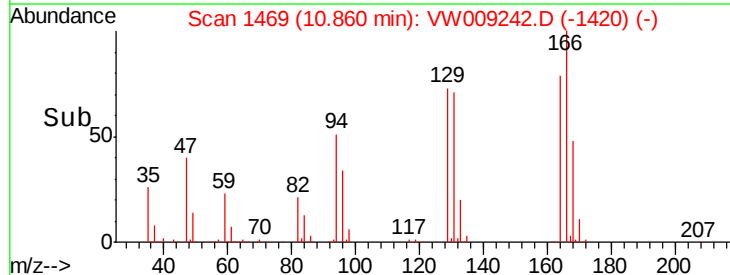
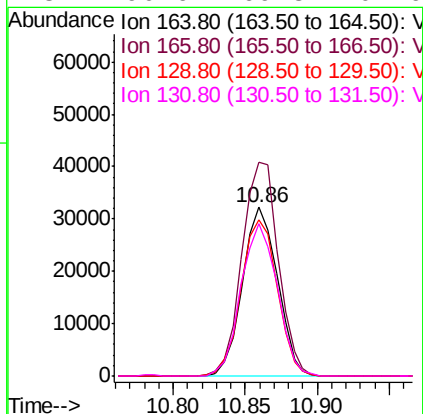
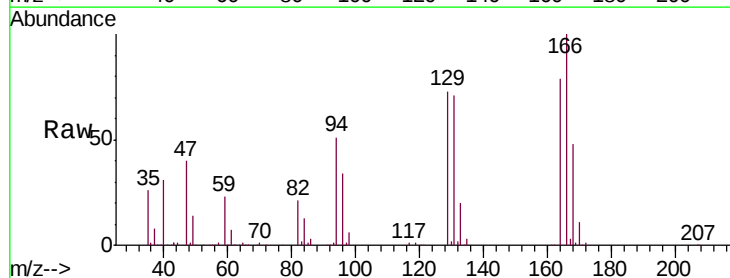
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

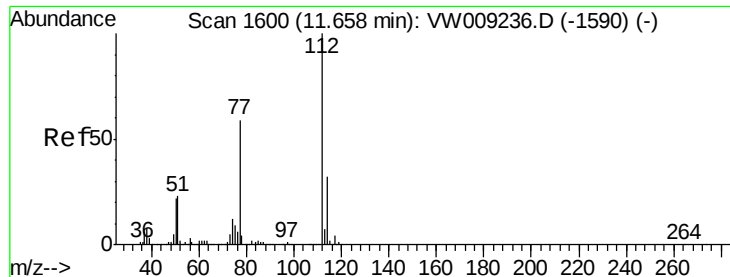
Tgt Ion:117 Resp: 425835
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 30.8 26.0 39.0



#64
Tetrachloroethene
Concen: 18.619 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion:164 Resp: 54300
Ion Ratio Lower Upper
164 100
166 126.8 100.9 151.3
129 92.9 72.0 108.0
131 90.6 69.8 104.6

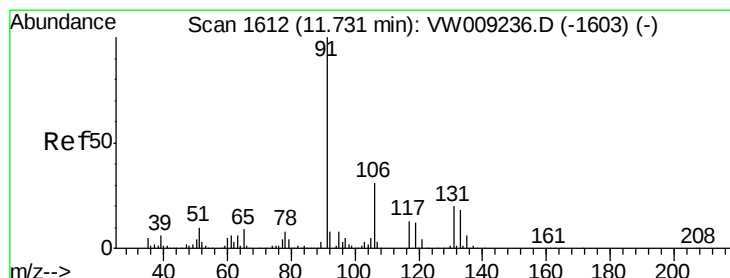
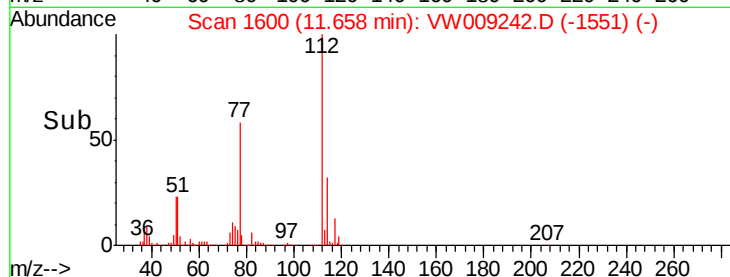
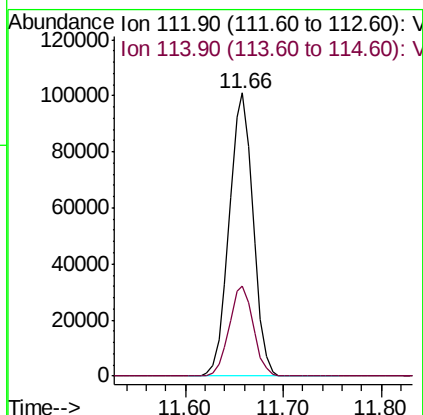
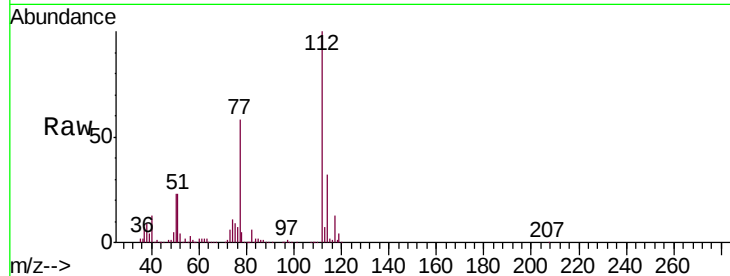




#65
Chlorobenzene
Concen: 19.380 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

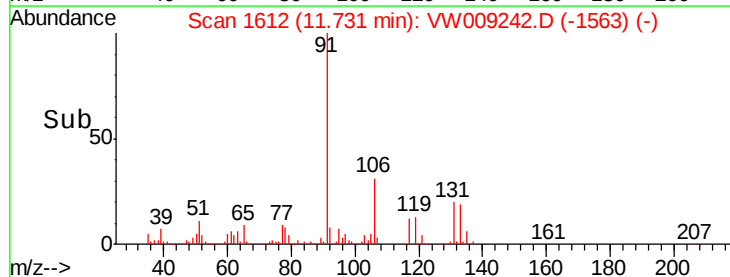
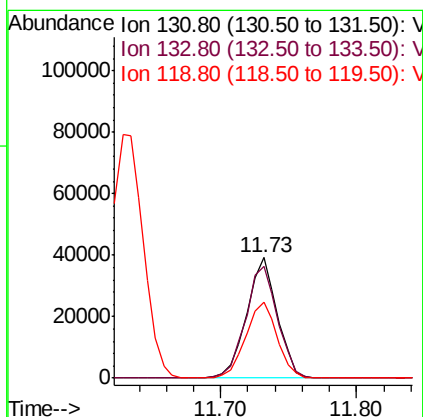
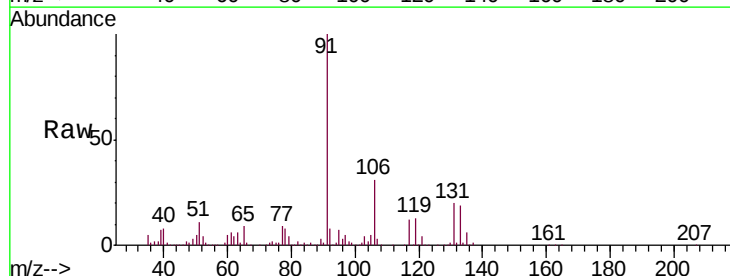
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

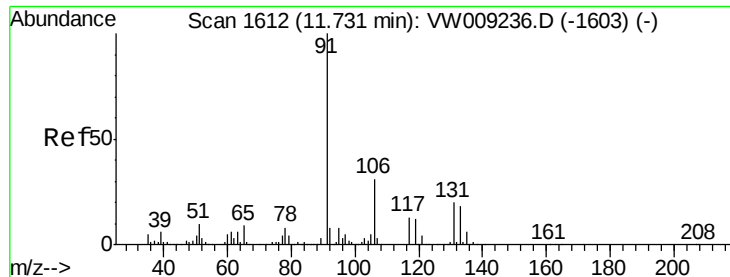
Tgt Ion:112 Resp: 170677
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.757 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion:131 Resp: 61702
Ion Ratio Lower Upper
131 100
133 96.7 47.3 141.8
119 64.8 31.6 95.0

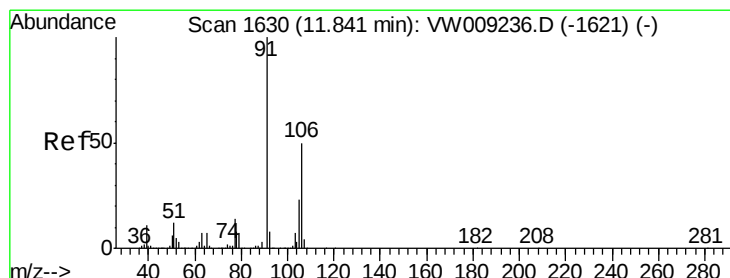
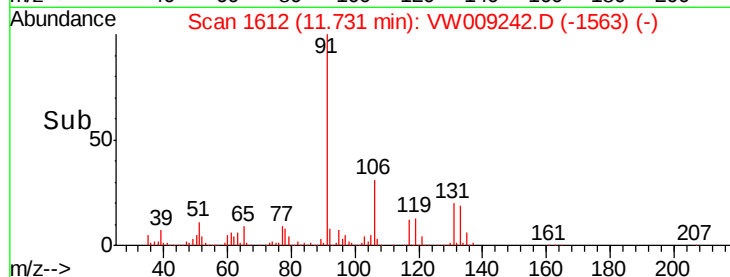
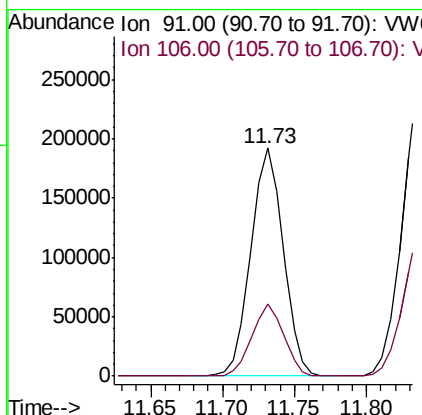
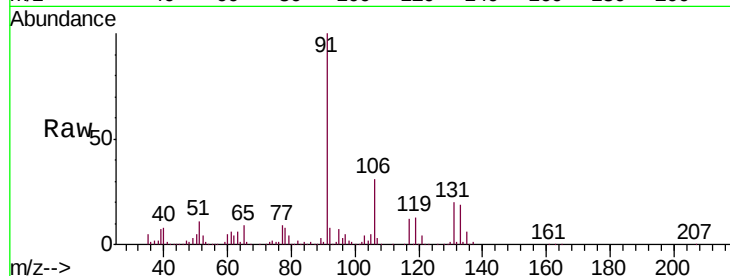




#67
Ethyl Benzene
Concen: 19.597 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

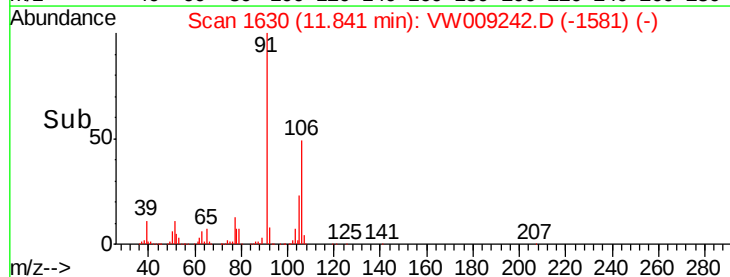
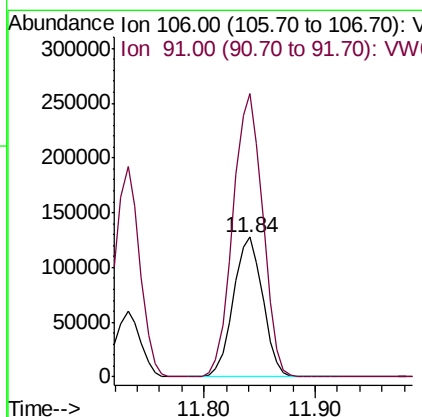
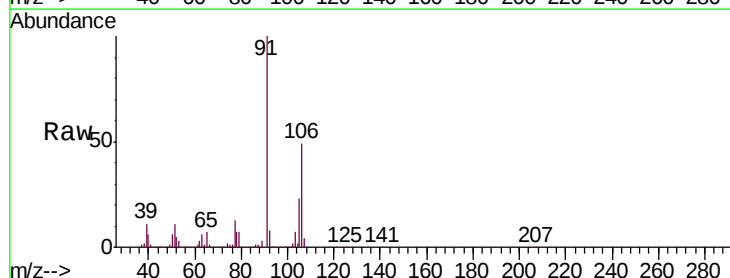
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

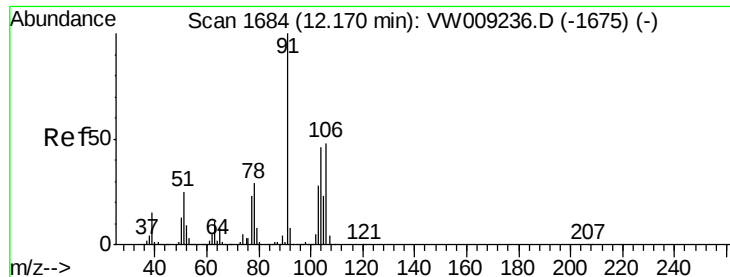
Tgt Ion: 91 Resp: 298933
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 39.599 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion: 106 Resp: 234128
Ion Ratio Lower Upper
106 100
91 204.6 163.1 244.7

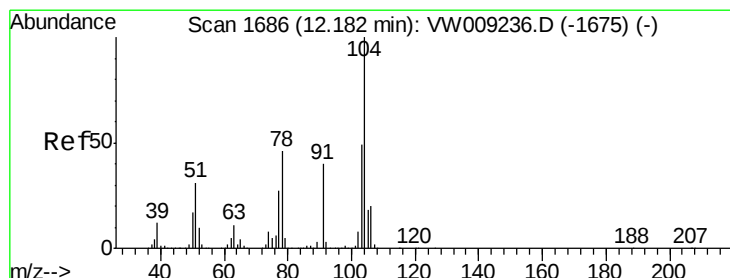
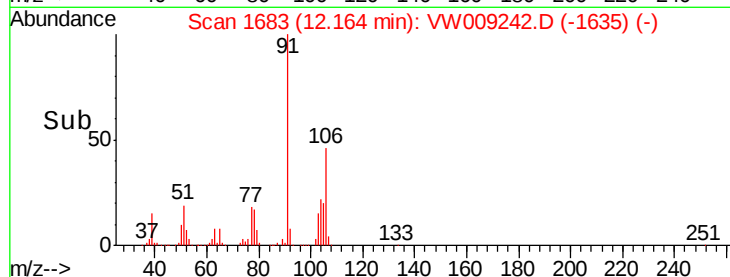
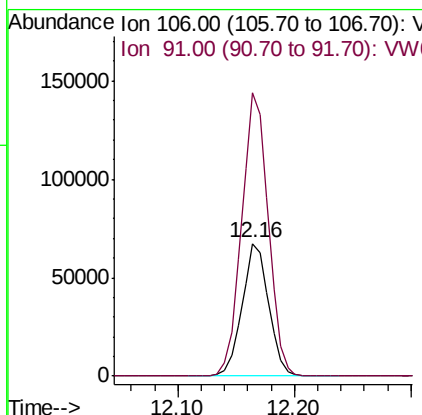
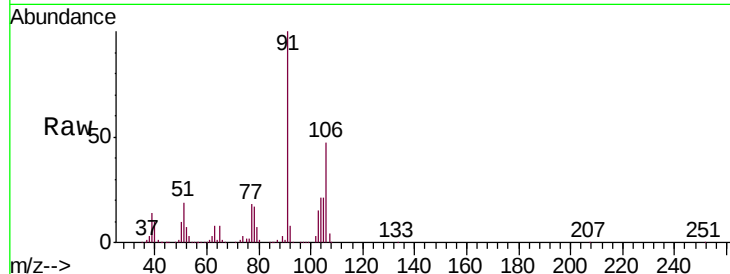




#69
o-Xylene
Concen: 19.516 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

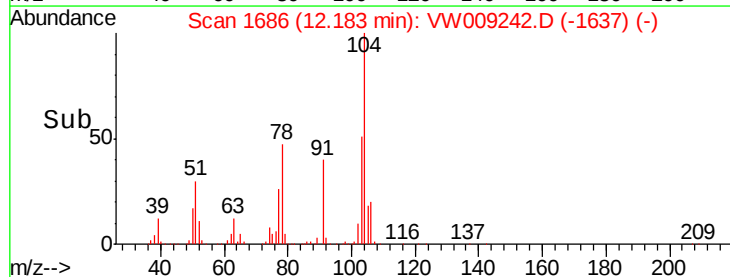
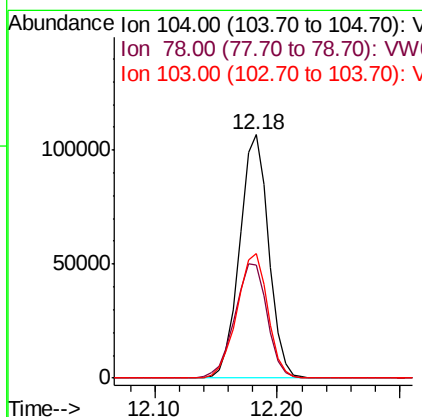
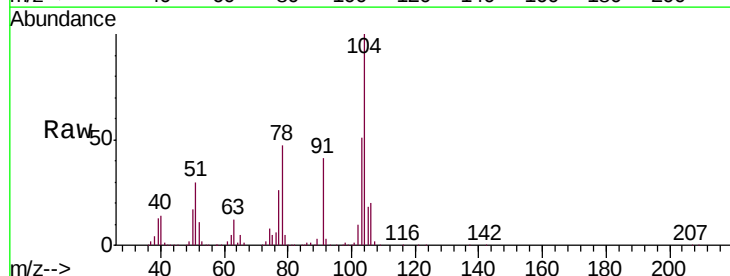
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

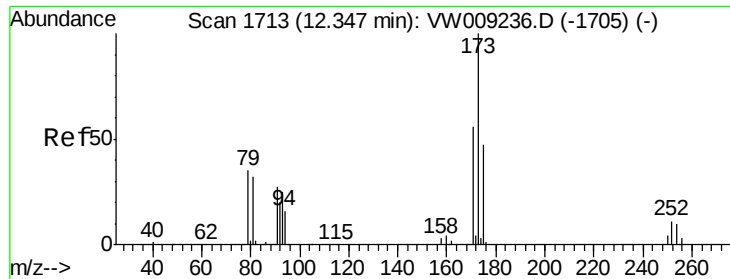
Tgt Ion:106 Resp: 107150
Ion Ratio Lower Upper
106 100
91 213.7 108.6 325.8



#70
Styrene
Concen: 19.352 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion:104 Resp: 175181
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.4
103 54.6 44.6 66.8

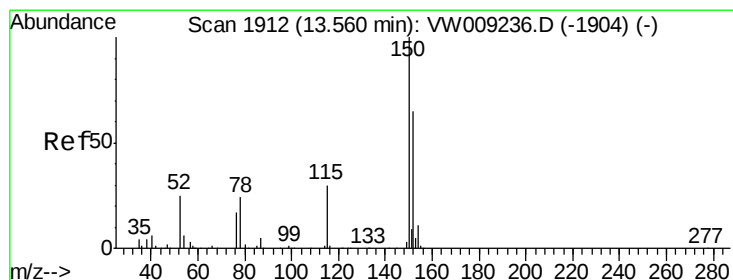
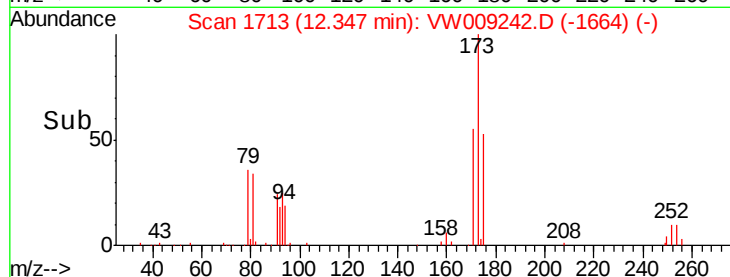
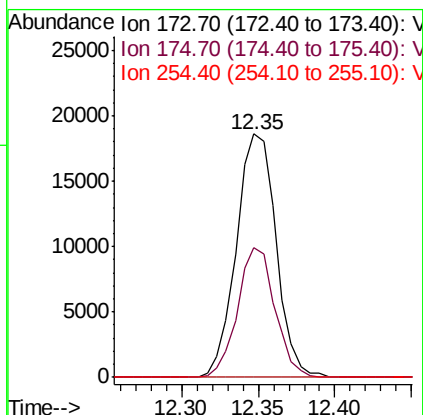
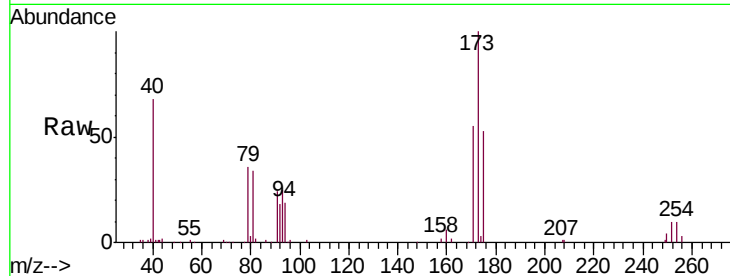




#71
Bromoform
Concen: 18.664 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

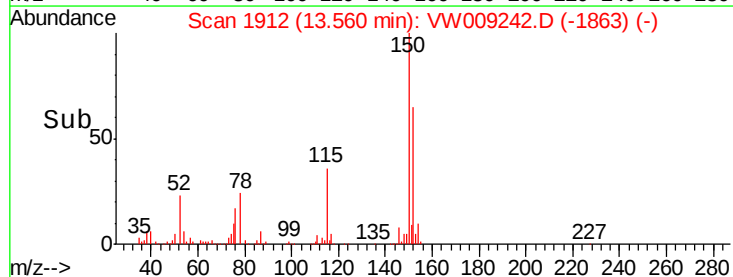
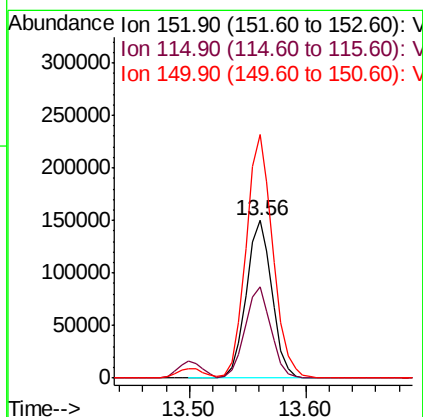
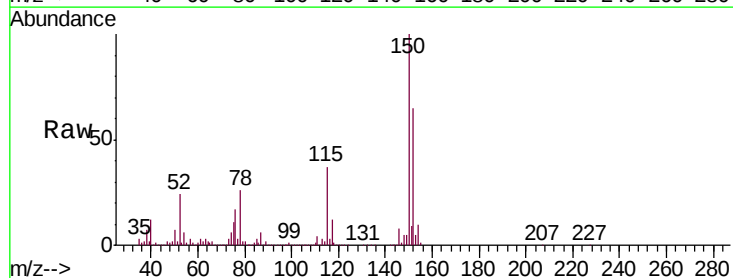
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

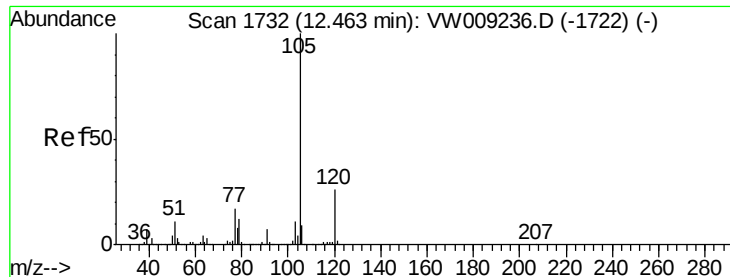
Tgt Ion:173 Resp: 33535
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.4
254 0.1 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion:152 Resp: 230271
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 160.8 0.0 349.2





#73

Isopropylbenzene

Concen: 19.780 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

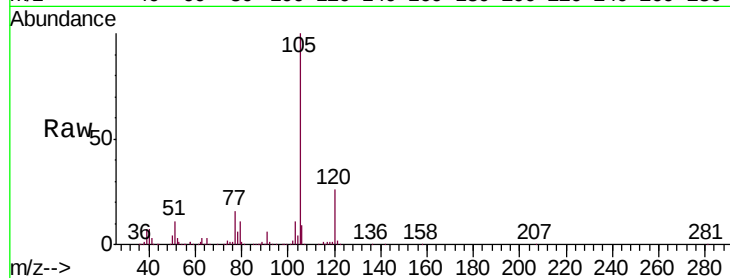
VW0319SBSD01

Tgt Ion: 105 Resp: 304429

Ion Ratio Lower Upper

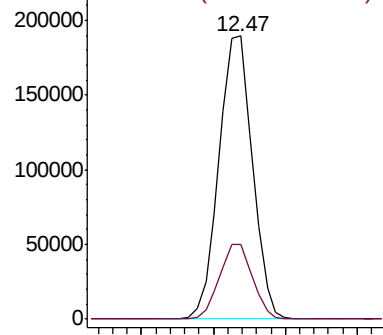
105 100

120 26.2 13.0 39.0

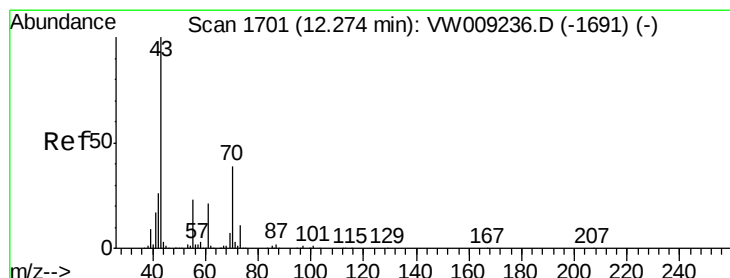
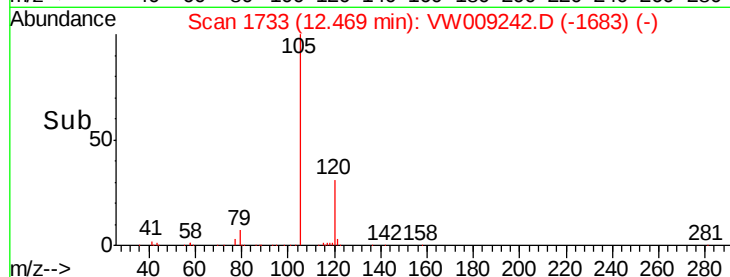


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.434 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Tgt Ion: 43 Resp: 78021

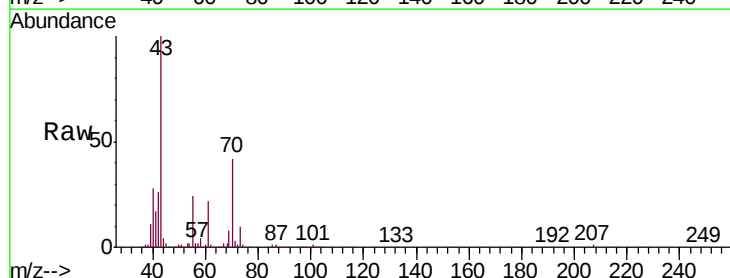
Ion Ratio Lower Upper

43 100

70 38.5 30.6 46.0

55 24.4 19.3 28.9

61 21.9 17.0 25.4

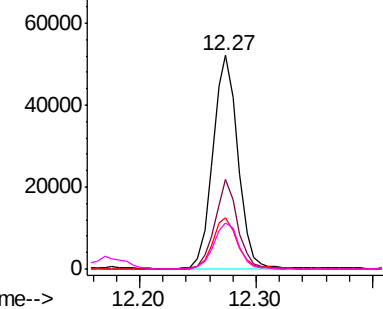


Abundance Ion 43.00 (42.70 to 43.70): VW

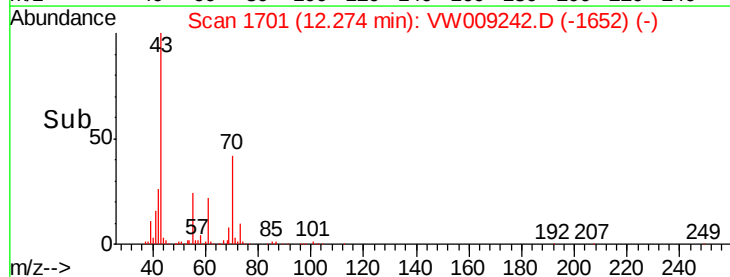
Ion 70.00 (69.70 to 70.70): VW

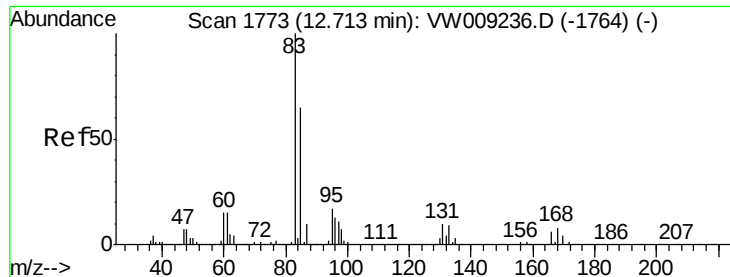
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.650 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBSD01

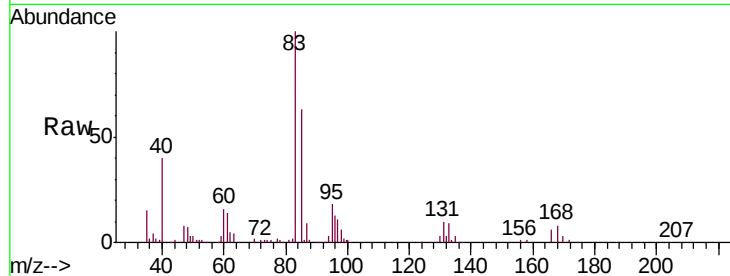
Tgt Ion: 83 Resp: 56574

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

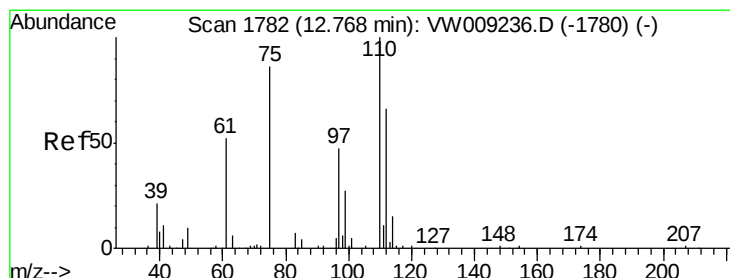
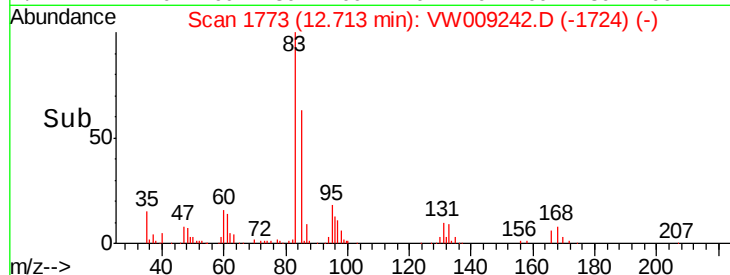
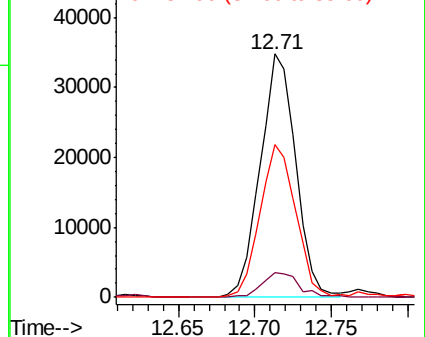
85 63.3 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.620 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009242.D

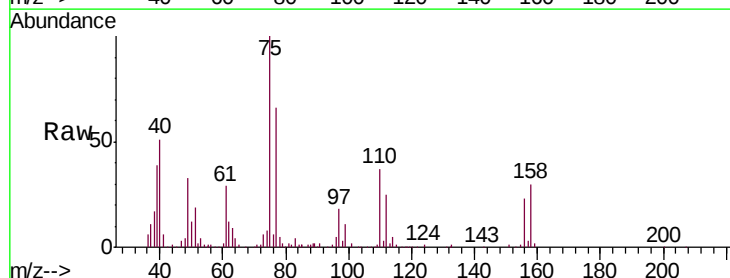
Acq: 19 Mar 2019 15:39

Tgt Ion: 75 Resp: 74914

Ion Ratio Lower Upper

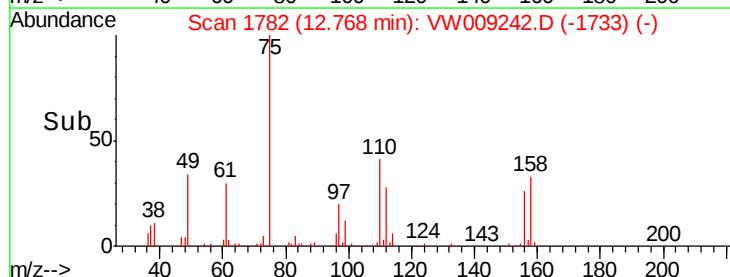
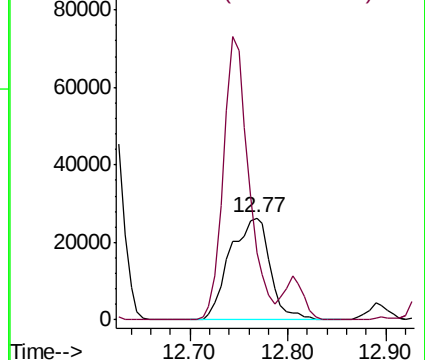
75 100

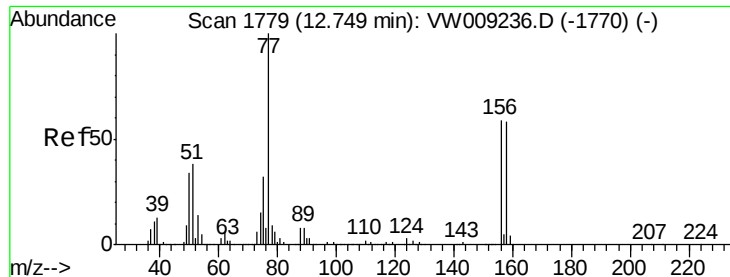
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.141 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBSD01

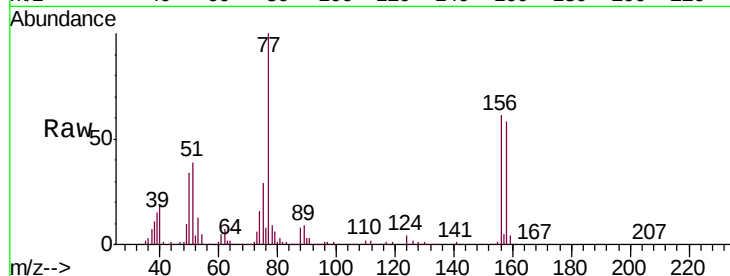
Tgt Ion:156 Resp: 69781

Ion Ratio Lower Upper

156 100

77 189.9 96.0 288.0

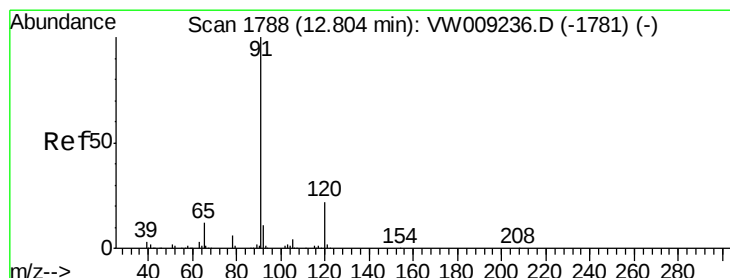
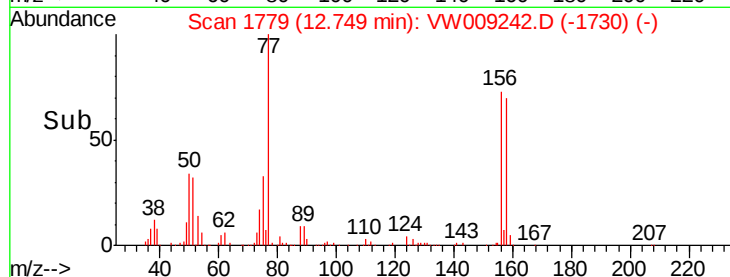
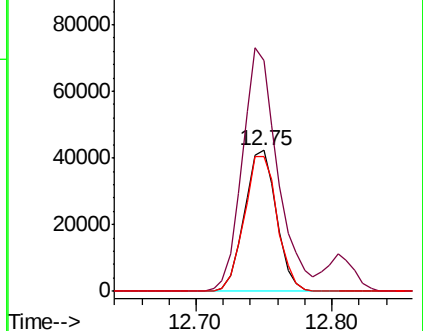
158 98.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.904 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009242.D

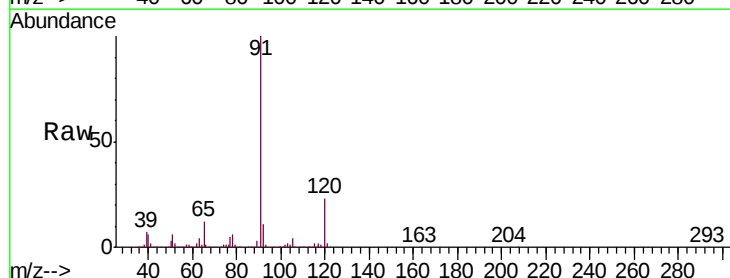
Acq: 19 Mar 2019 15:39

Tgt Ion: 91 Resp: 376241

Ion Ratio Lower Upper

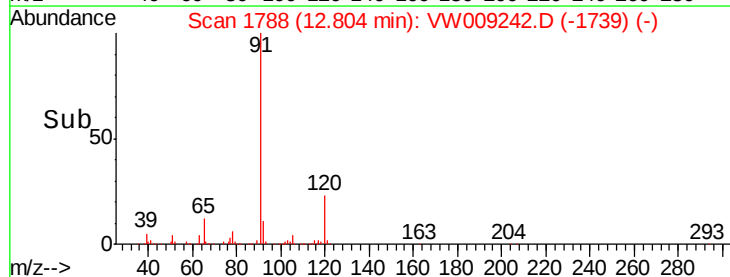
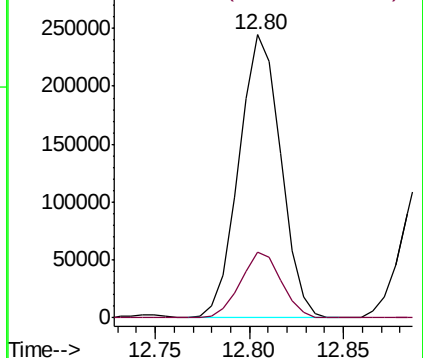
91 100

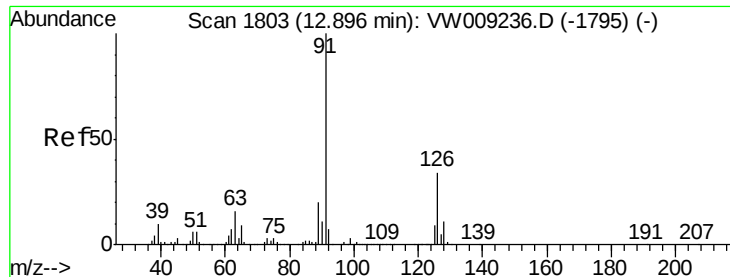
120 22.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.456 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

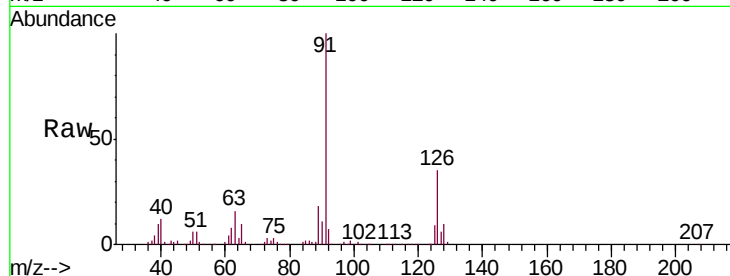
VW0319SBSD01

Tgt Ion: 91 Resp: 208918

Ion Ratio Lower Upper

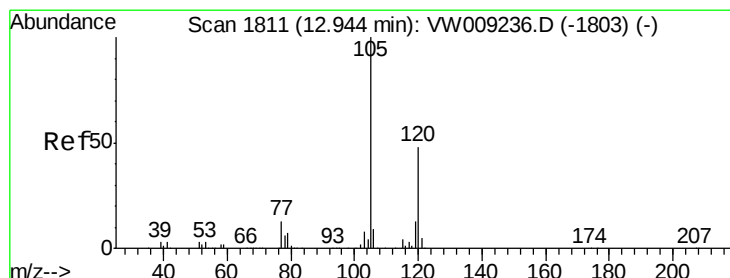
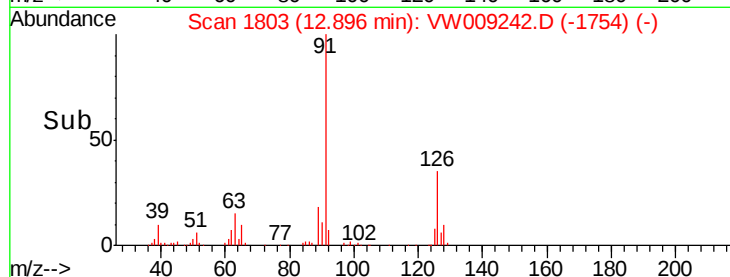
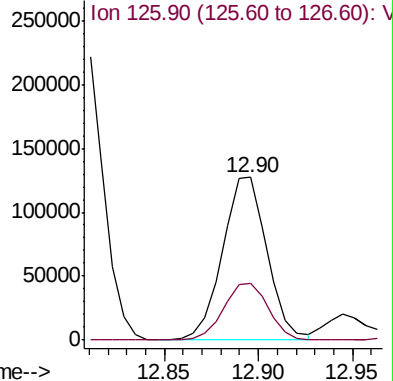
91 100

126 35.0 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.796 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009242.D

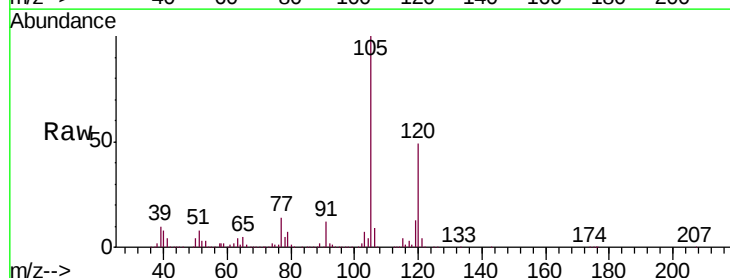
Acq: 19 Mar 2019 15:39

Tgt Ion: 105 Resp: 259107

Ion Ratio Lower Upper

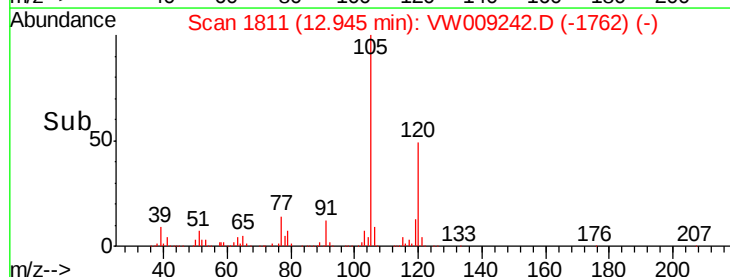
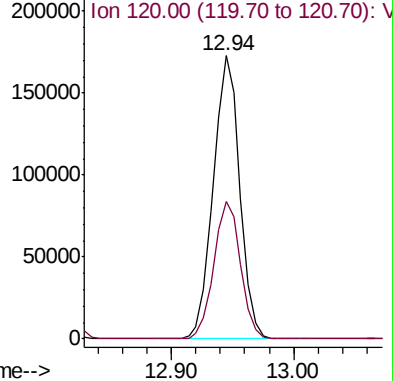
105 100

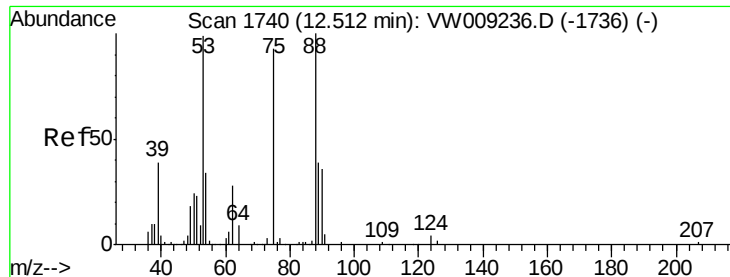
120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.420 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBSD01

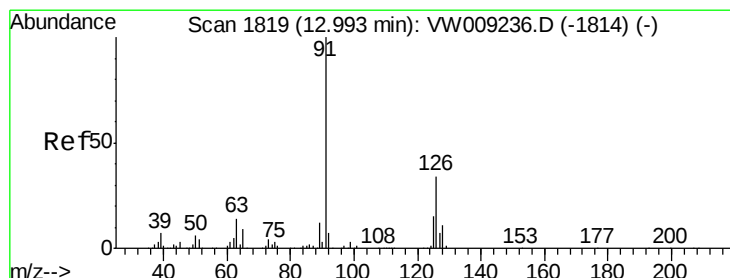
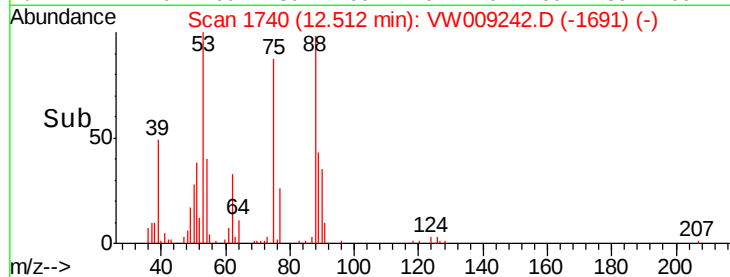
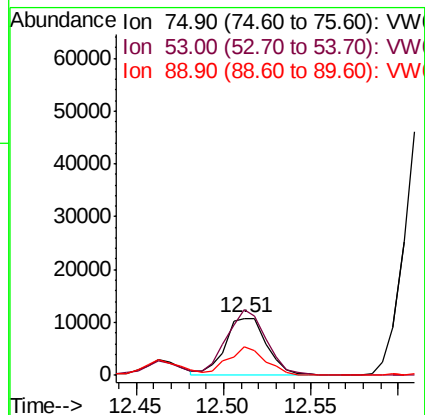
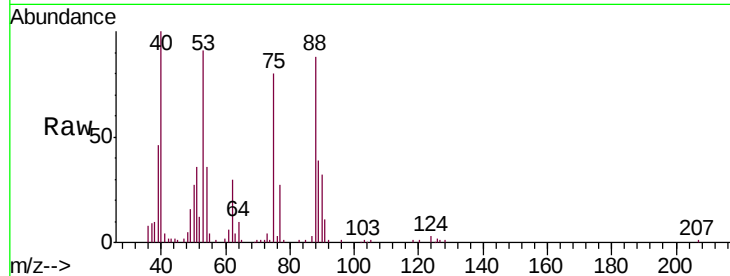
Tgt Ion: 75 Resp: 18008

Ion Ratio Lower Upper

75 100

53 111.5 86.7 130.1

89 44.9 36.4 54.6



#82

4-Chlorotoluene

Concen: 19.836 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW009242.D

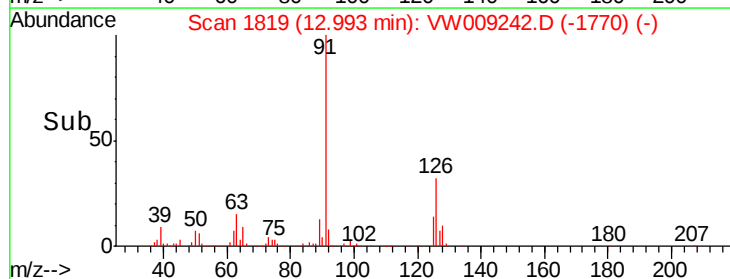
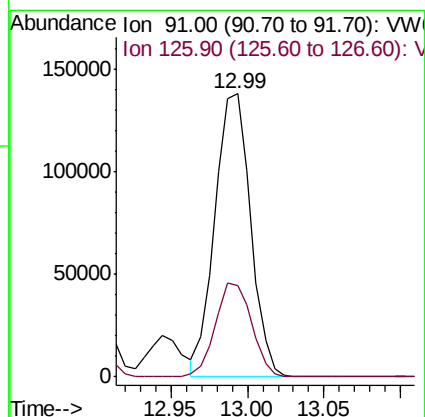
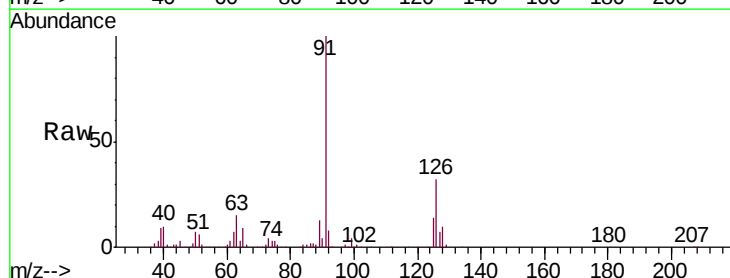
Acq: 19 Mar 2019 15:39

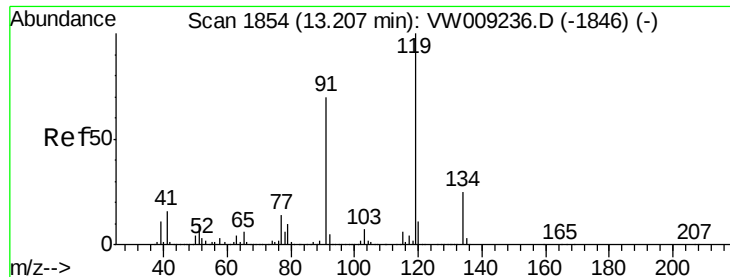
Tgt Ion: 91 Resp: 224392

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.6





#83

tert-Butylbenzene

Concen: 19.877 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBSD01

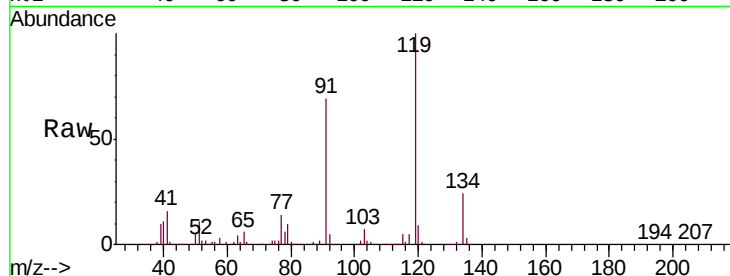
Tgt Ion:119 Resp: 222329

Ion Ratio Lower Upper

119 100

91 68.7 34.4 103.2

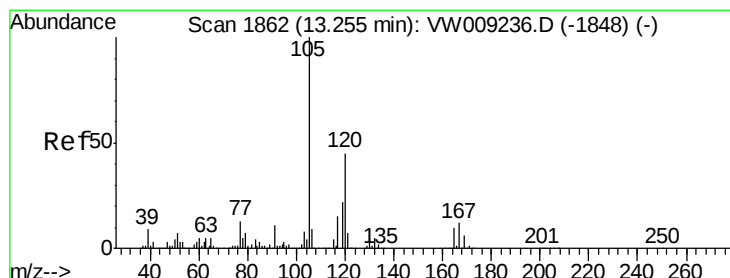
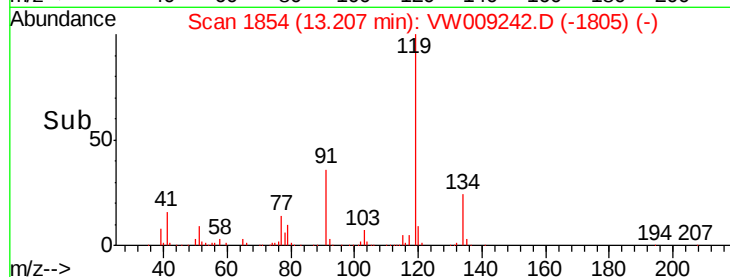
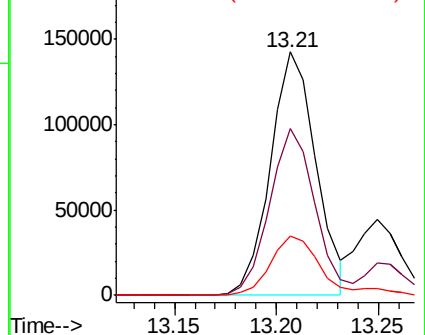
134 27.6 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.151 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009242.D

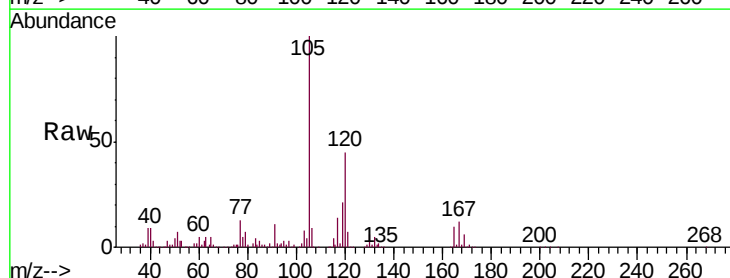
Acq: 19 Mar 2019 15:39

Tgt Ion:105 Resp: 270392

Ion Ratio Lower Upper

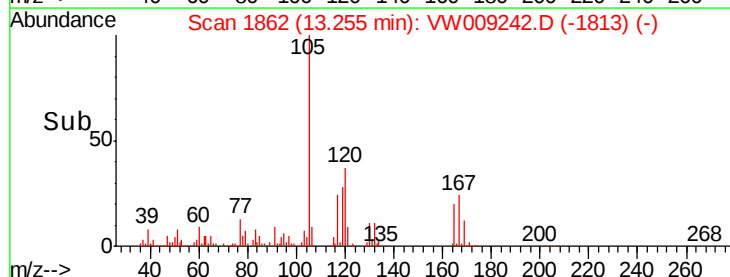
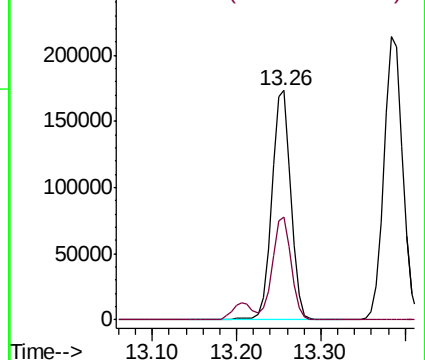
105 100

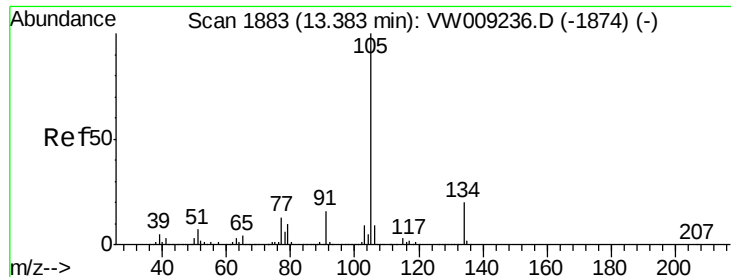
120 44.2 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

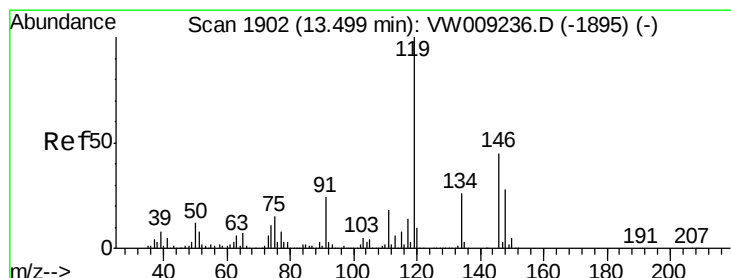
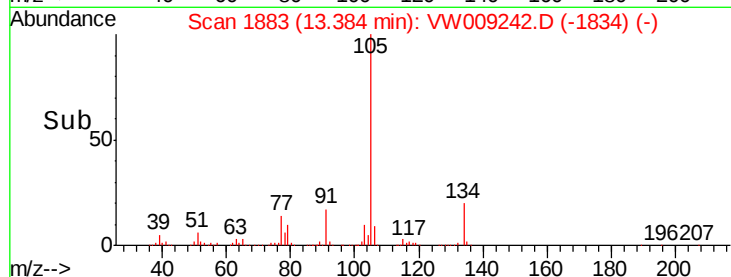
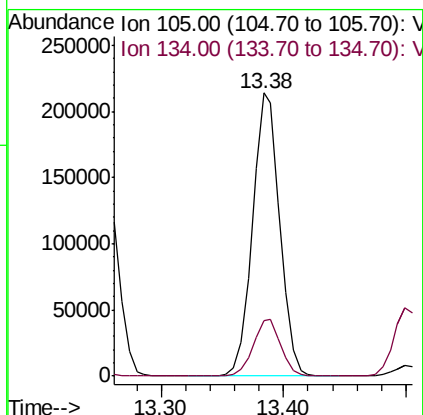
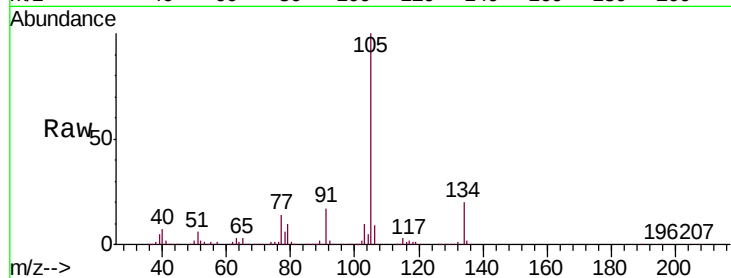




#85
 sec-Butylbenzene
 Concen: 20.037 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

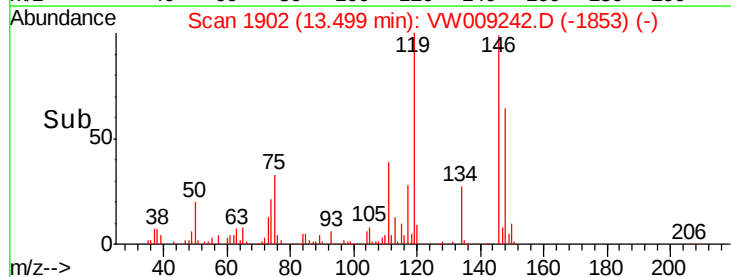
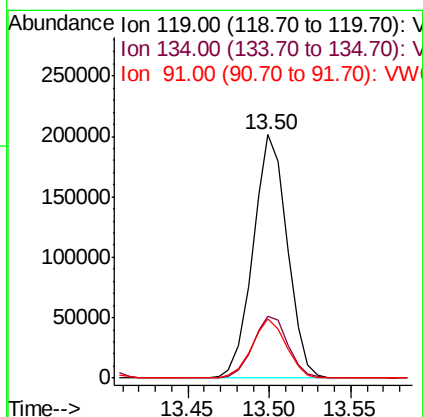
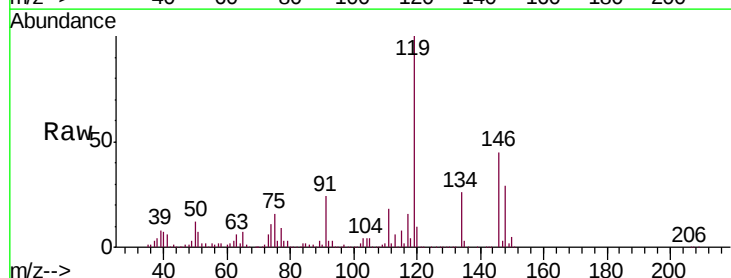
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

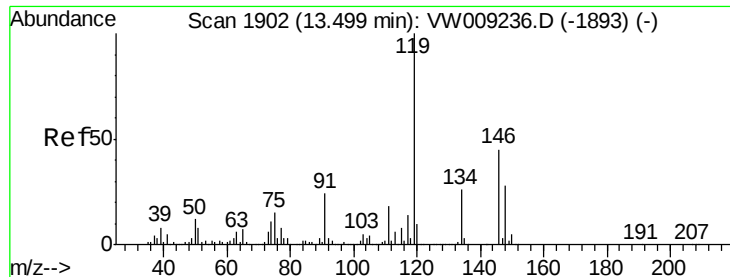
Tgt Ion:105 Resp: 331187
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.948 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Tgt Ion:119 Resp: 293598
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 24.2 12.3 36.8

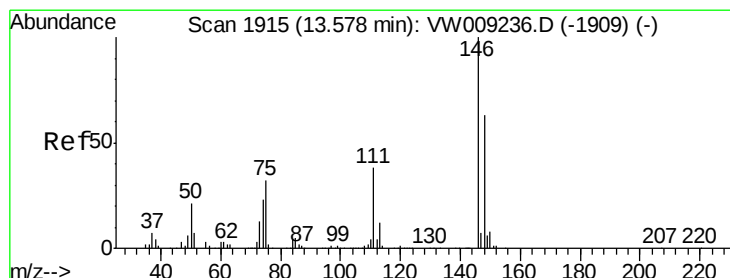
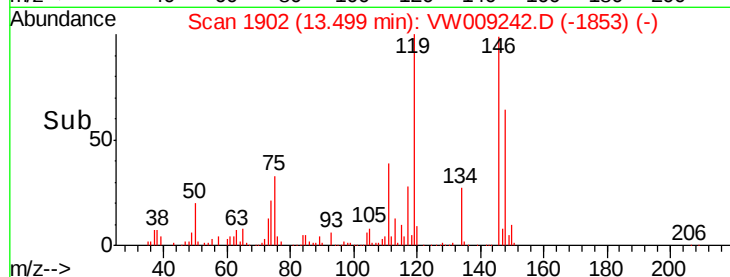
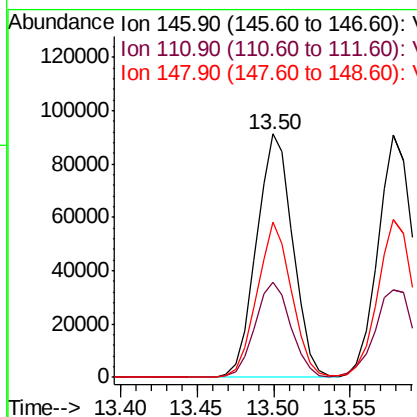
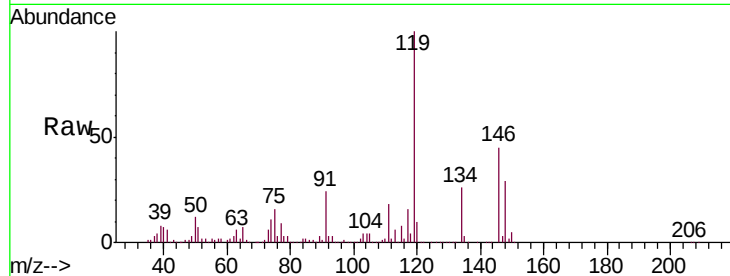




#87
 1,3-Dichlorobenzene
 Concen: 19.962 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

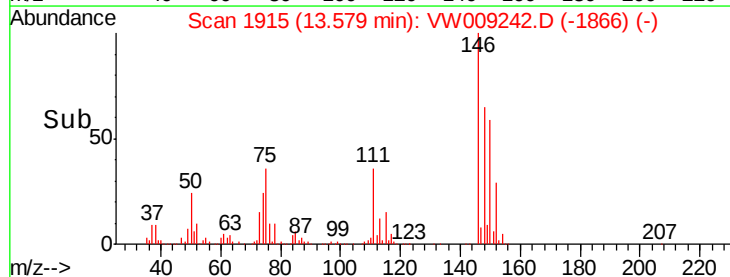
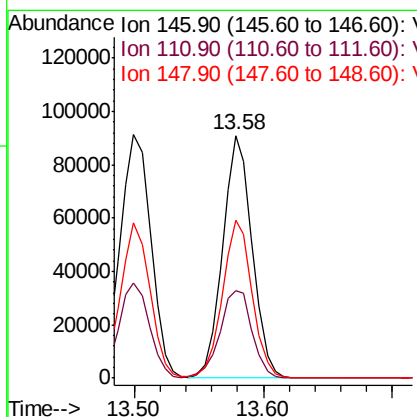
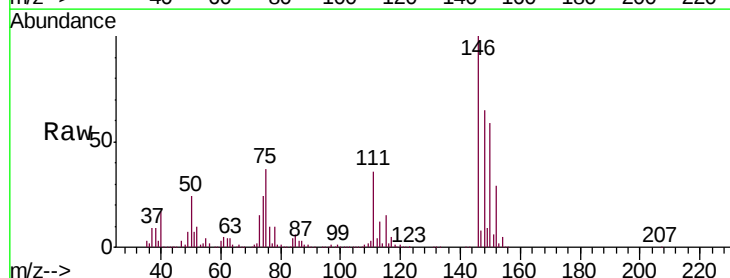
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

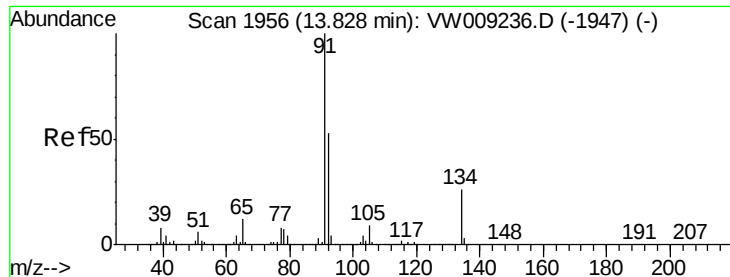
Tgt Ion:146 Resp: 150601
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.1 60.2
 148 61.0 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 19.424 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Tgt Ion:146 Resp: 145910
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.6
 148 65.5 32.2 96.6





#89

n-Butylbenzene

Concen: 20.296 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBSD01

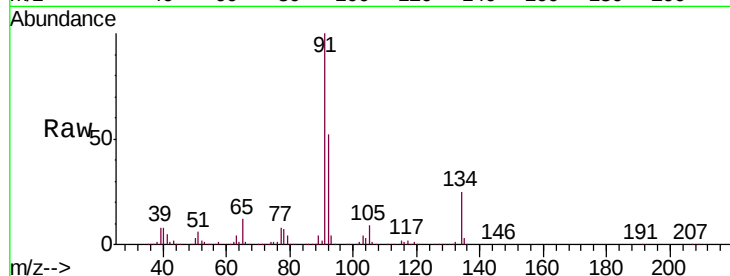
Tgt Ion: 91 Resp: 286758

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

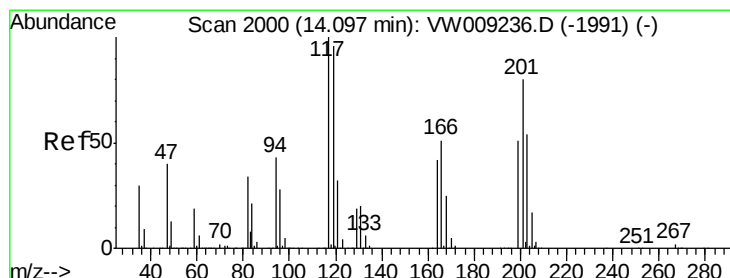
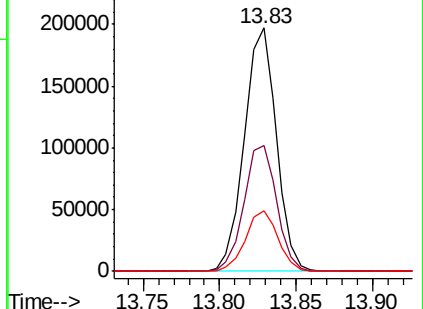
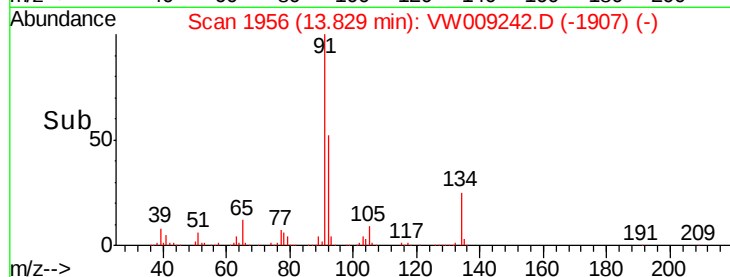
134 25.3 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.175 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009242.D

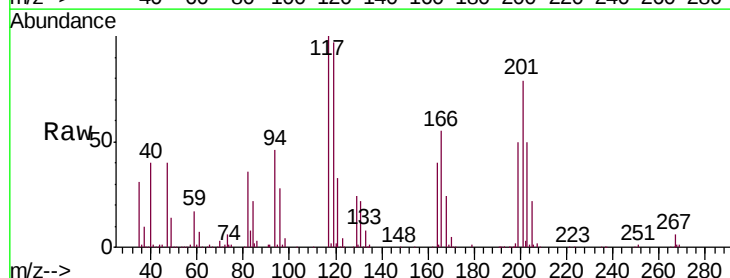
Acq: 19 Mar 2019 15:39

Tgt Ion: 117 Resp: 55644

Ion Ratio Lower Upper

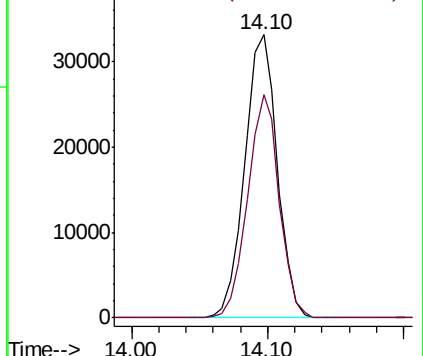
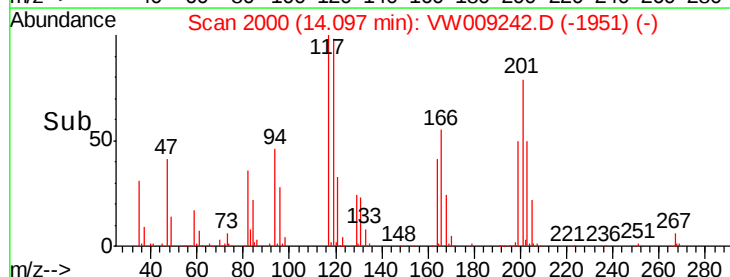
117 100

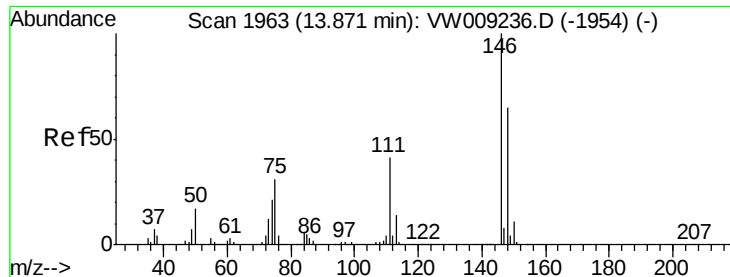
201 76.5 38.2 114.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.388 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBSD01

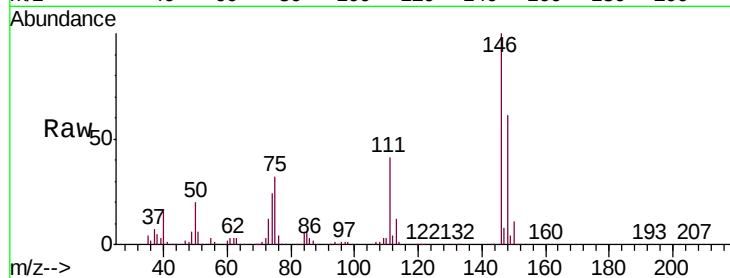
Tgt Ion:146 Resp: 131158

Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.2

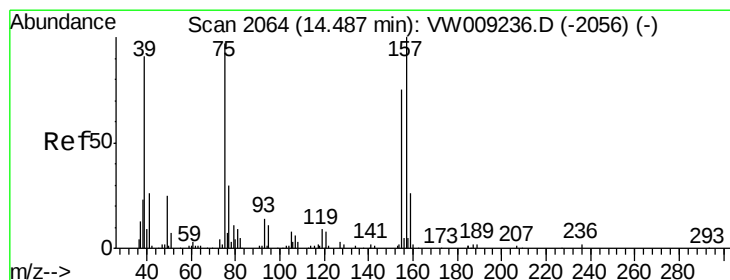
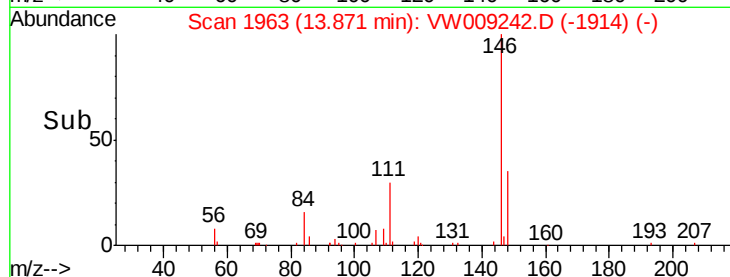
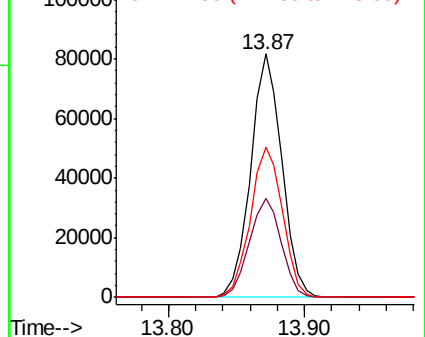
148 63.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.019 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW009242.D

Acq: 19 Mar 2019 15:39

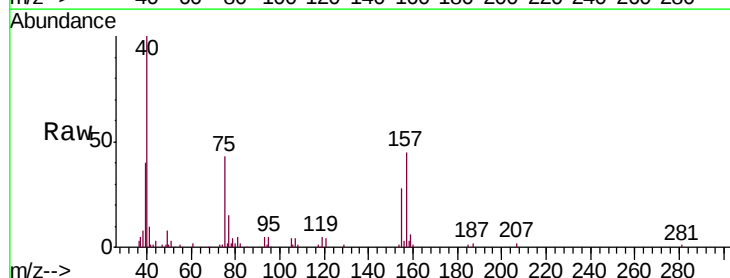
Tgt Ion: 75 Resp: 10320

Ion Ratio Lower Upper

75 100

155 78.4 39.3 117.8

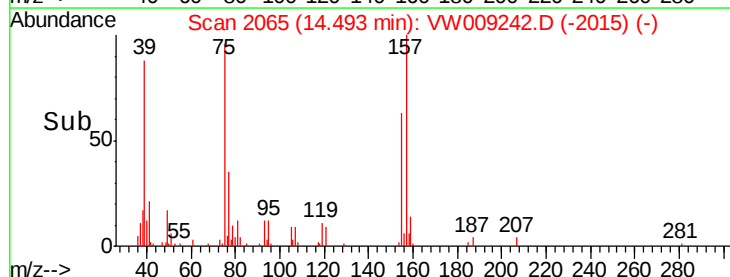
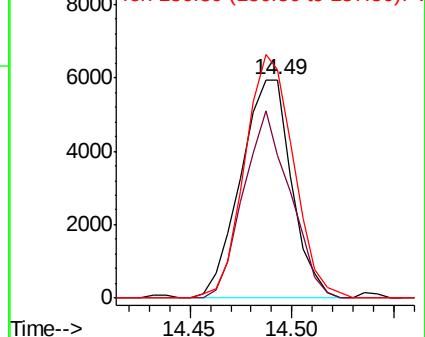
157 106.7 49.5 148.5

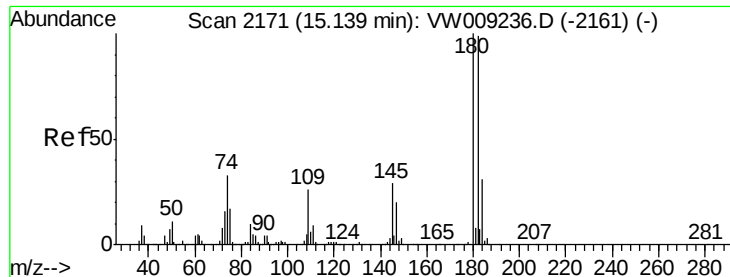


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

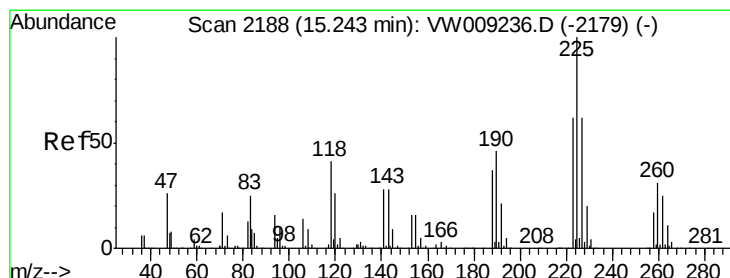
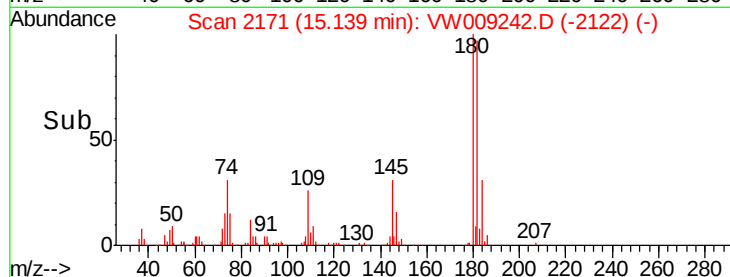
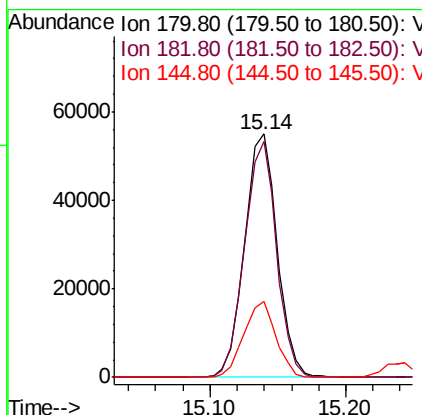
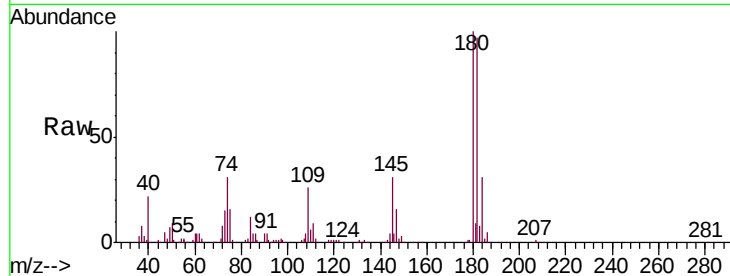




#93
 1,2,4-Trichlorobenzene
 Concen: 20.352 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

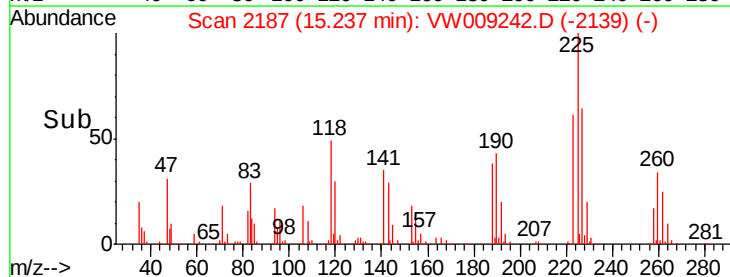
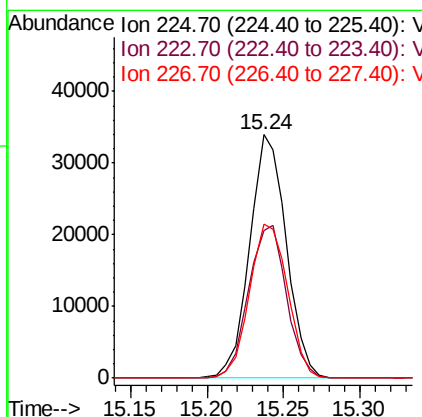
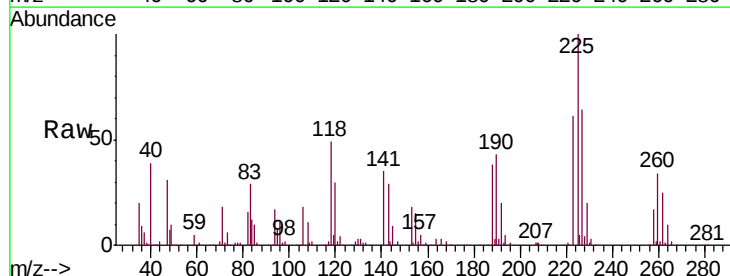
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

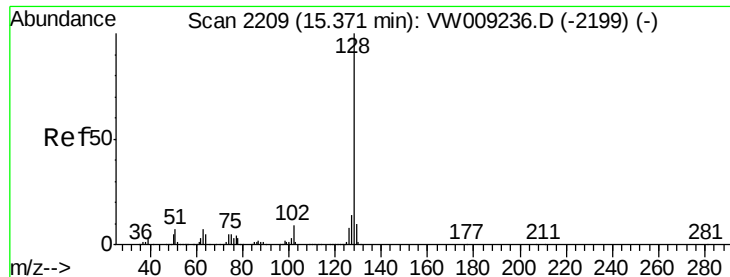
Tgt Ion:180 Resp: 92465
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.7
 145 30.9 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 19.619 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW009242.D
 Acq: 19 Mar 2019 15:39

Tgt Ion:225 Resp: 56690
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.4 94.3
 227 65.8 32.1 96.5

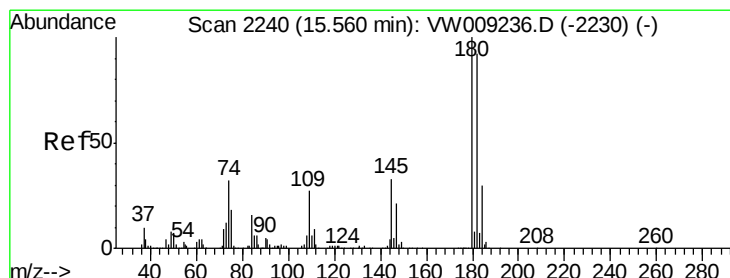
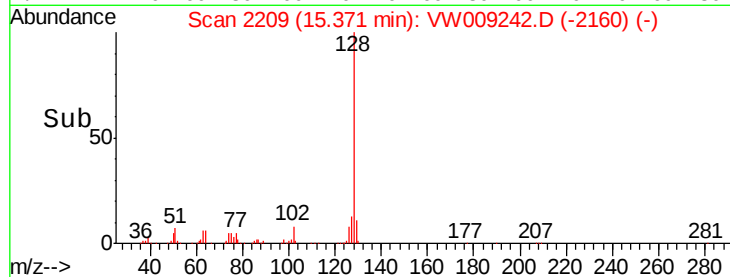
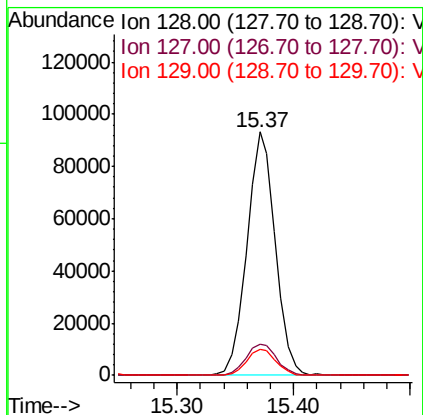
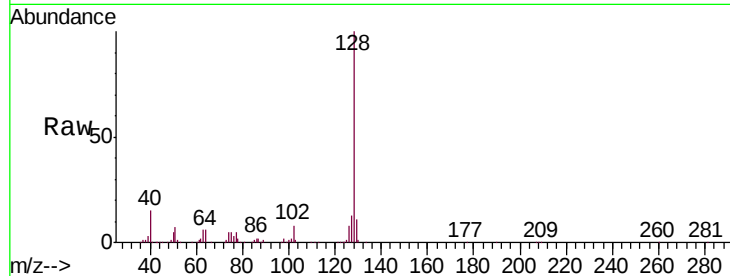




#95
Naphthalene
Concen: 20.007 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBSD01

Tgt Ion:128 Resp: 157491
Ion Ratio Lower Upper
128 100
127 14.1 10.8 16.2
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.242 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009242.D
Acq: 19 Mar 2019 15:39

Tgt Ion:180 Resp: 82092
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 30.8 16.0 48.0

