

Data File : VW005409.D
Acq On : 15 Sep 2018 03:29
Operator : SY/AP
Sample : VW0914SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Quant Time: Sep 15 04:07:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	222365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	342012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168356	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	122629	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.89	113	98208	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.33	98	445032	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.63	95	164011	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	49420	23.920	ug/l	94
3) Chloromethane	2.21	50	56043	21.351	ug/l	97
4) Vinyl Chloride	2.36	62	53341	21.694	ug/l	99
5) Bromomethane	2.77	94	37691	22.057	ug/l	97
6) Chloroethane	2.92	64	30845	21.166	ug/l	93
7) Trichlorofluoromethane	3.26	101	69649	21.381	ug/l	97
8) Diethyl Ether	3.69	74	22403	23.142	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40066	21.091	ug/l	100
10) Methyl Iodide	4.28	142	45951	21.529	ug/l	98
11) Tert butyl alcohol	5.20	59	21614	147.502	ug/l	95
12) 1,1-Dichloroethene	4.04	96	36957	21.481	ug/l	93
13) Acrolein	3.90	56	13977	138.884	ug/l	95
14) Allyl chloride	4.68	41	68721	21.466	ug/l	98
15) Acrylonitrile	5.38	53	50803	114.730	ug/l	100
16) Acetone	4.14	43	42280	117.854	ug/l	92
17) Carbon Disulfide	4.38	76	124886	20.606	ug/l	99
18) Methyl Acetate	4.68	43	24321	21.928	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	108203	23.162	ug/l	94
20) Methylene Chloride	4.92	84	57186	21.727	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	43900	21.367	ug/l	97
22) Diisopropyl ether	6.32	45	137098	21.786	ug/l	98
23) Vinyl Acetate	6.26	43	411539	114.766	ug/l	99
24) 1,1-Dichloroethane	6.23	63	81031	21.219	ug/l	98
25) 2-Butanone	7.18	43	64718	116.559	ug/l	98
26) 2,2-Dichloropropane	7.17	77	72013	21.022	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	47141	21.093	ug/l	98
28) Bromochloromethane	7.52	49	30794	20.732	ug/l	100
29) Tetrahydrofuran	7.54	42	40947	115.761	ug/l	100
30) Chloroform	7.68	83	84703	21.419	ug/l	99
31) Cyclohexane	7.96	56	79408	21.555	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	79808	21.704	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67613	20.889	ug/l	99
37) Ethyl Acetate	7.26	43	31741	24.114	ug/l	98
38) Carbon Tetrachloride	8.07	117	71853	21.304	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77923	20.719	ug/l	99
40) Benzene	8.33	78	189988	20.263	ug/l	99
41) Methacrylonitrile	7.49	41	18491	23.284	ug/l	99
42) 1,2-Dichloroethane	8.41	62	61689	21.020	ug/l	98
43) Isopropyl Acetate	8.43	43	56601	22.034	ug/l	100
44) Trichloroethene	9.10	130	49538	20.527	ug/l	98
45) 1,2-Dichloropropane	9.38	63	46831	20.905	ug/l	98
46) Dibromomethane	9.46	93	22495	20.413	ug/l	94
47) Bromodichloromethane	9.65	83	63720	21.342	ug/l	98
48) Methyl methacrylate	9.44	41	27167	21.191	ug/l	96
49) 1,4-Dioxane	9.47	88	8316	452.768	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	144058	108.937	ug/l	100
52) Toluene	10.40	92	132600	20.883	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	62213	20.820	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	71663	21.182	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34333	20.962	ug/l	97
56) Ethyl methacrylate	10.65	69	43804	21.130	ug/l	99
57) 1,3-Dichloropropane	10.94	76	59665	21.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	105654	112.681	ug/l	100
59) 2-Hexanone	10.98	43	97799	108.572	ug/l	100
60) Dibromochloromethane	11.13	129	40699	20.653	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31019	21.117	ug/l	98
64) Tetrachloroethene	10.87	164	51029	21.301	ug/l	97
65) Chlorobenzene	11.66	112	141922	20.630	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	45896	20.873	ug/l	100
67) Ethyl Benzene	11.74	91	253766	20.975	ug/l	99
68) m/p-Xylenes	11.85	106	195008	41.881	ug/l	99
69) o-Xylene	12.17	106	90322	20.831	ug/l	100
70) Styrene	12.19	104	151450	21.165	ug/l	99
71) Bromoform	12.35	173	24523	21.082	ug/l #	100
73) Isopropylbenzene	12.47	105	248797	21.064	ug/l	100
74) N-amyl acetate	12.28	43	53089	21.330	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	37582	21.811	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54753	39.542	ug/l #	100
77) Bromobenzene	12.76	156	58136	20.819	ug/l	99
78) n-propylbenzene	12.81	91	298532	20.943	ug/l	100
79) 2-Chlorotoluene	12.90	91	175691	20.891	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	218041	21.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11306	21.181	ug/l	96
82) 4-Chlorotoluene	12.99	91	186476	21.003	ug/l	99
83) tert-Butylbenzene	13.21	119	187366	21.888	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	221615	21.180	ug/l	100
85) sec-Butylbenzene	13.39	105	260219	21.039	ug/l	100
86) p-Isopropyltoluene	13.51	119	230254	20.817	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	117905	20.819	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115007	20.621	ug/l	99
89) n-Butylbenzene	13.83	91	210268	20.414	ug/l	100
90) Hexachloroethane	14.10	117	38637	20.387	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	103006	20.812	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7088	21.418	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
Quantitation Report (Not Reviewed)

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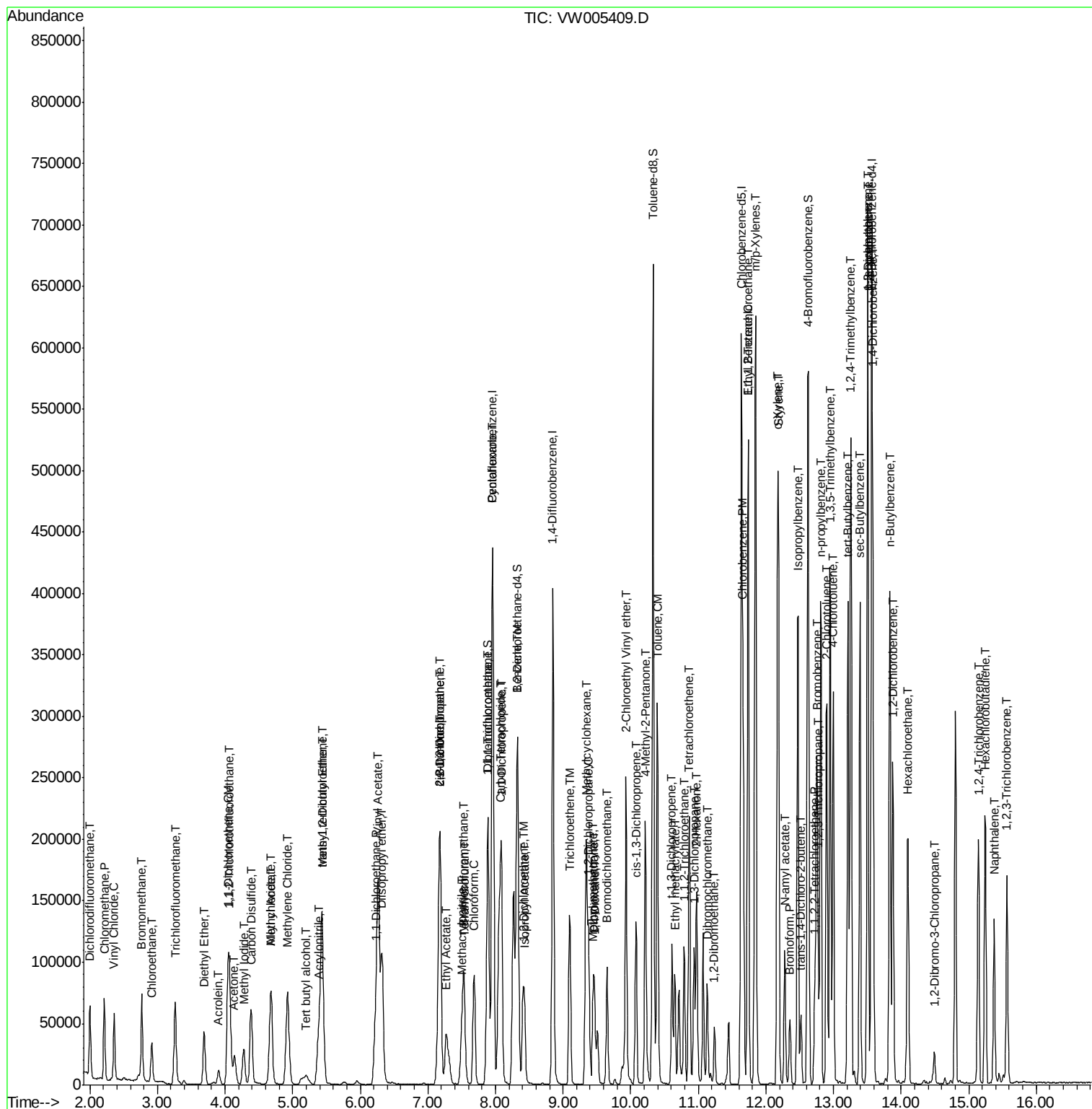
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

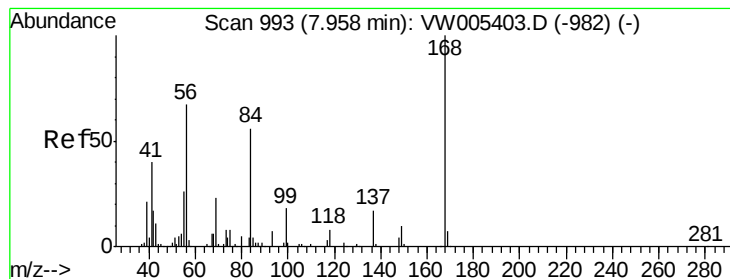
Quant Time: Sep 15 04:07:06 2018
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	66287	20.073	ug/l	99
94) Hexachlorobutadiene	15.24	225	44400	20.589	ug/l	99
95) Naphthalene	15.38	128	115446	20.979	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	58029	20.134	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

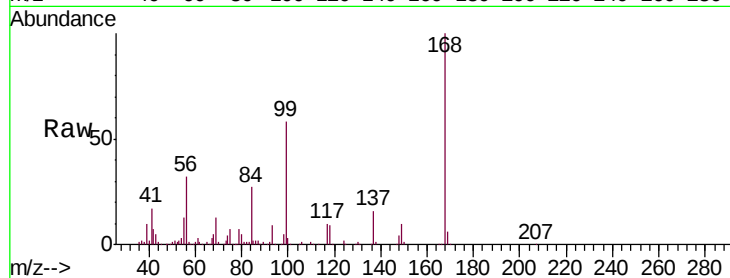
VW0916SBS01

Tgt Ion:168 Resp: 222365

Ion Ratio Lower Upper

168 100

99 57.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

60000

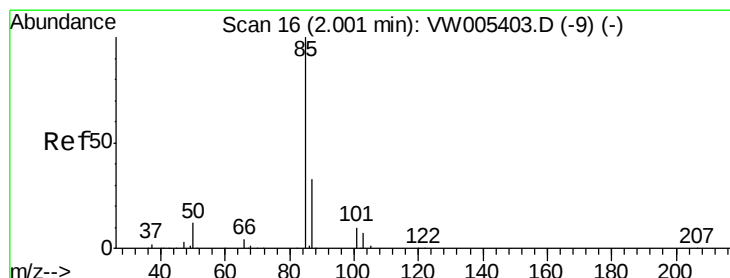
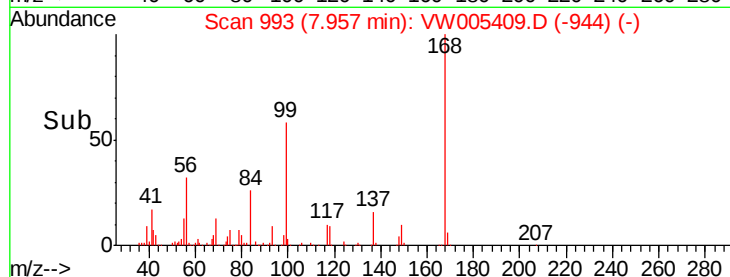
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.920 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005409.D

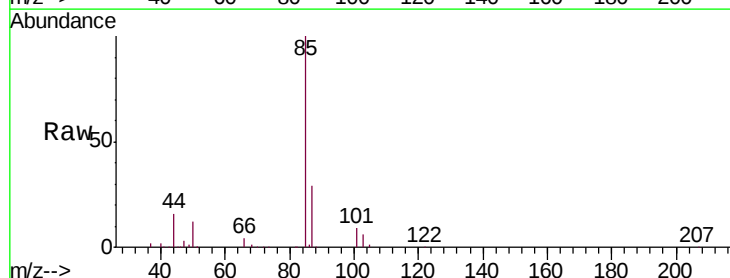
Acq: 15 Sep 2018 03:29

Tgt Ion: 85 Resp: 49420

Ion Ratio Lower Upper

85 100

87 29.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

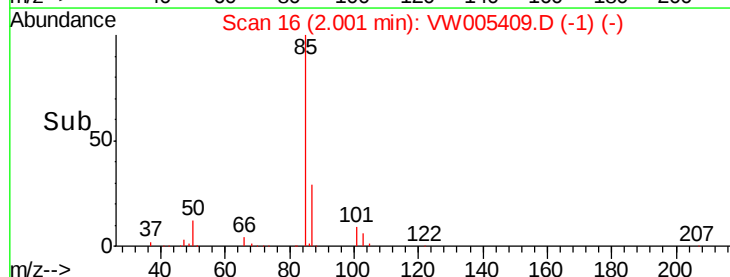
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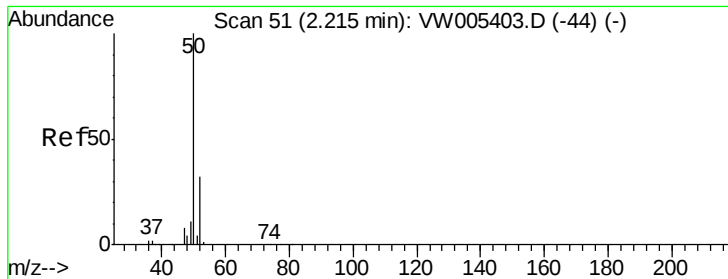
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.351 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

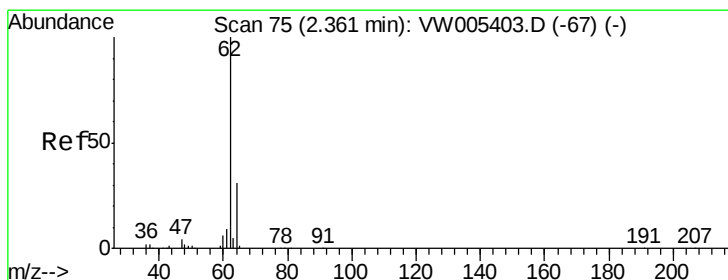
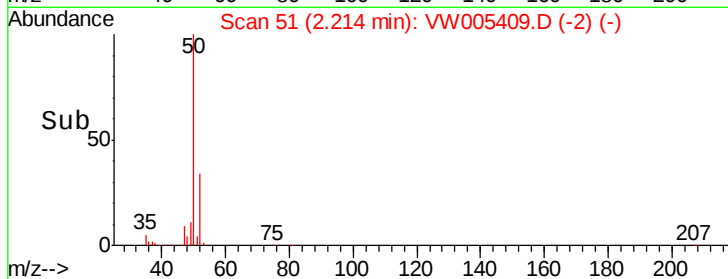
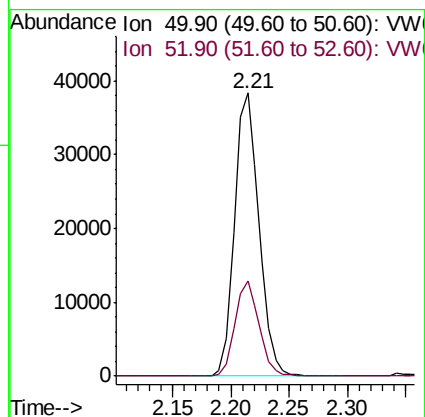
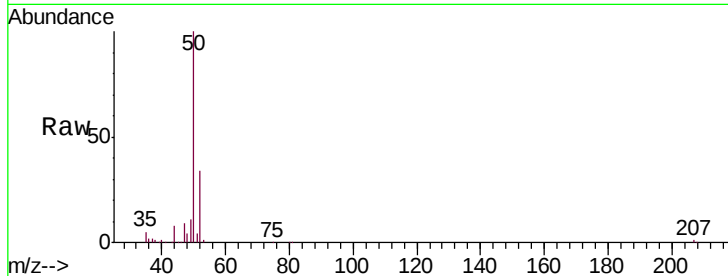
VW0916SBS01

Tgt Ion: 50 Resp: 56043

Ion Ratio Lower Upper

50 100

52 33.8 25.8 38.6



#4

Vinyl Chloride

Concen: 21.694 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005409.D

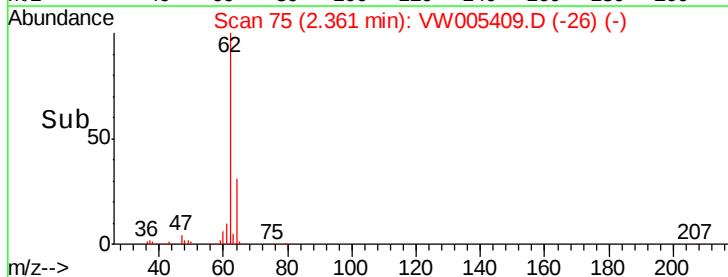
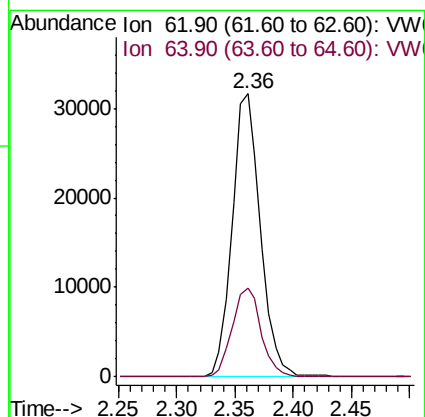
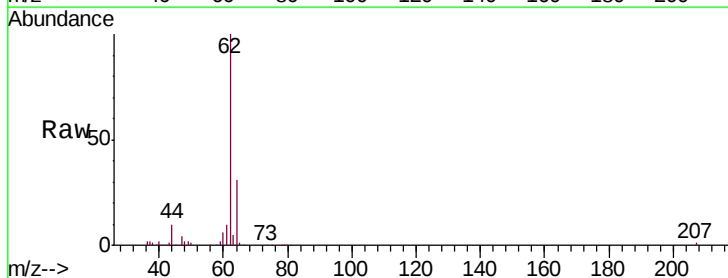
Acq: 15 Sep 2018 03:29

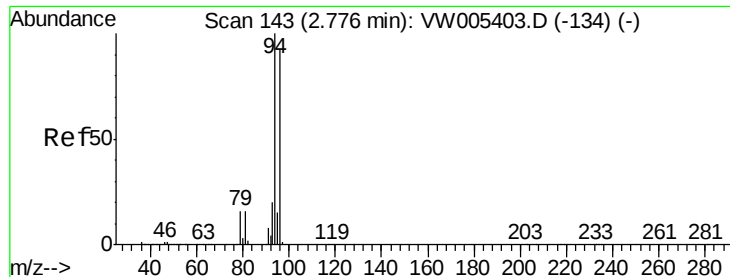
Tgt Ion: 62 Resp: 53341

Ion Ratio Lower Upper

62 100

64 31.4 24.5 36.7





#5

Bromomethane

Concen: 22.057 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

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ClientSampleId :

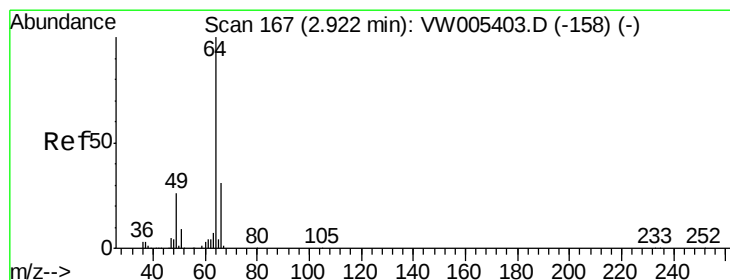
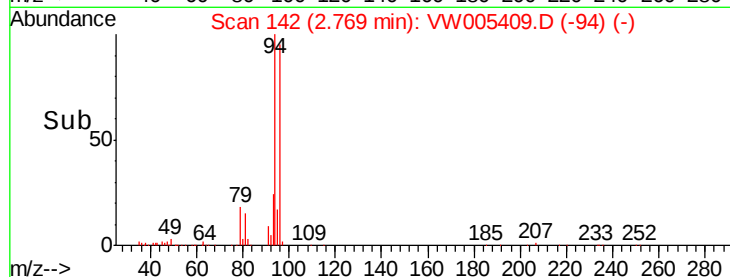
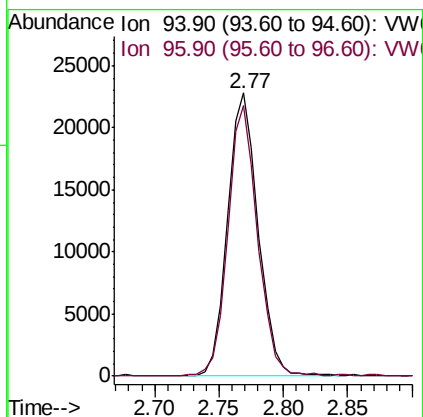
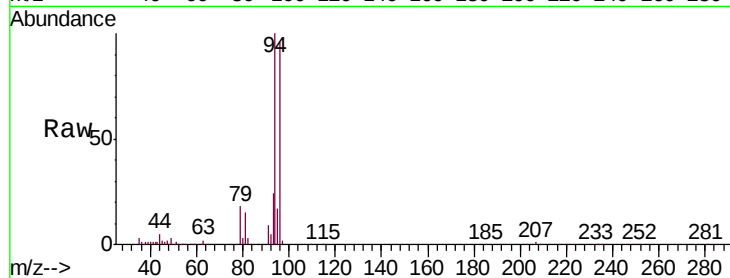
VW0916SBS01

Tgt Ion: 94 Resp: 37691

Ion Ratio Lower Upper

94 100

96 95.1 73.7 110.5



#6

Chloroethane

Concen: 21.166 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005409.D

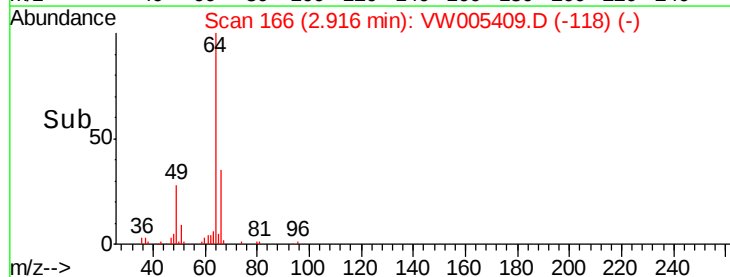
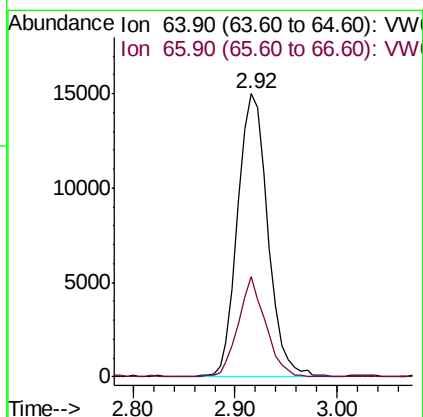
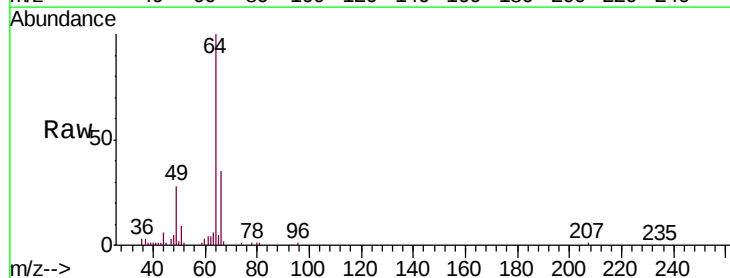
Acq: 15 Sep 2018 03:29

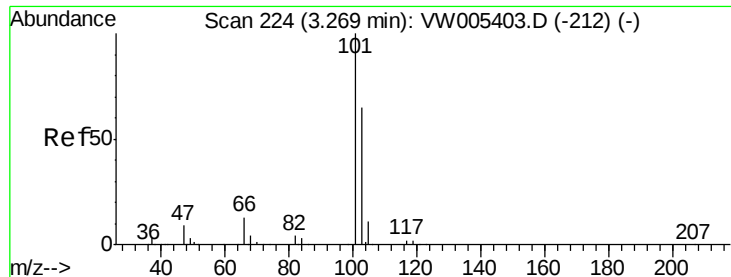
Tgt Ion: 64 Resp: 30845

Ion Ratio Lower Upper

64 100

66 35.4 25.2 37.8



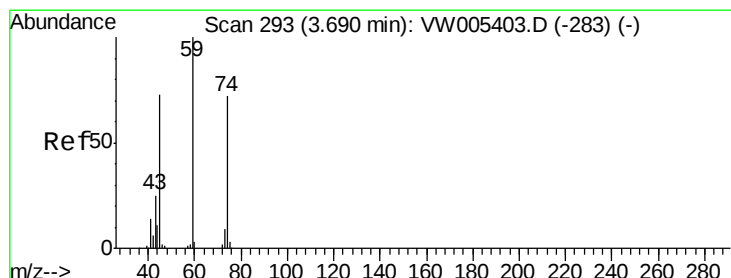
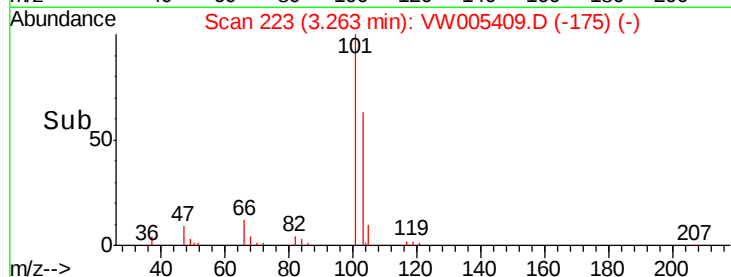
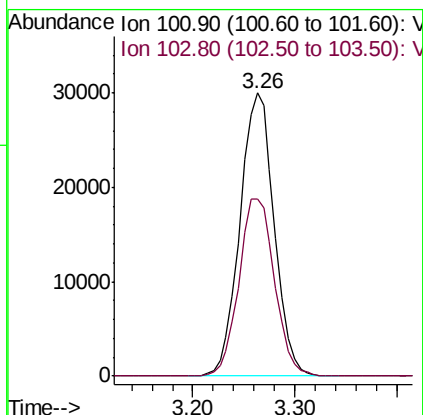
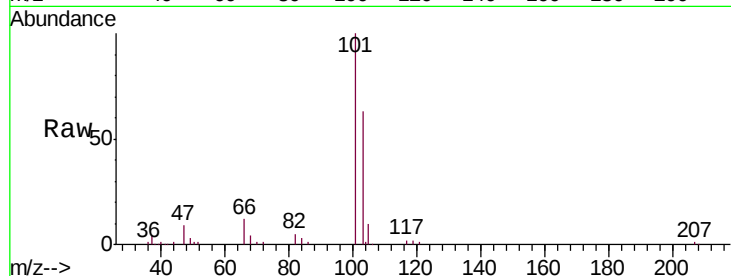


#7

Trichlorofluoromethane
 Concen: 21.381 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005409.D
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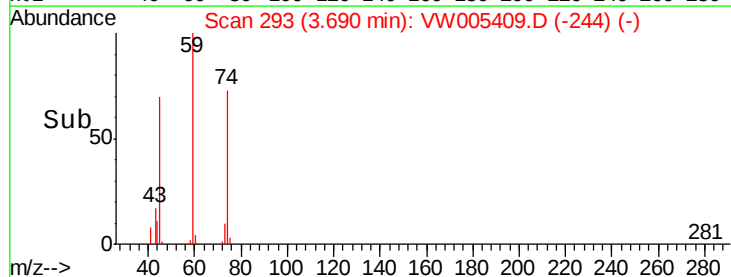
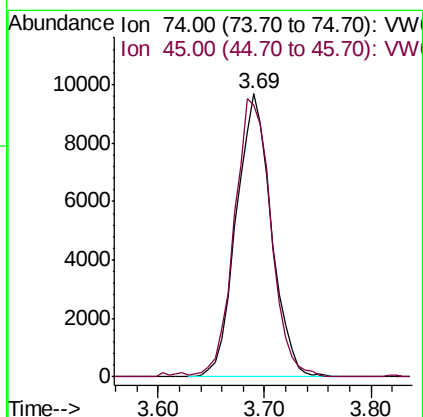
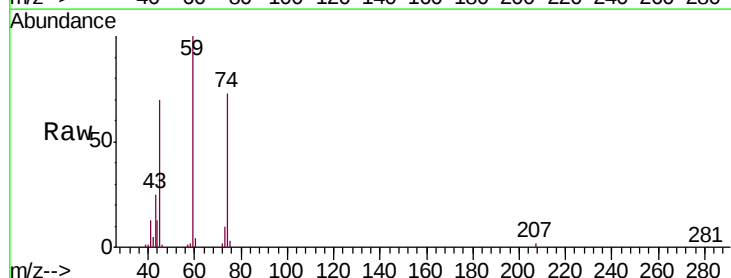
Tgt Ion:101 Resp: 69649
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.7 77.5

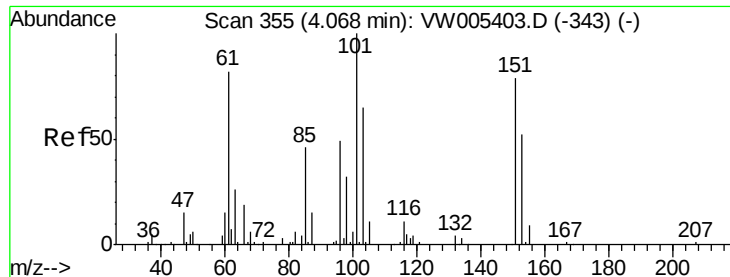


#8

Diethyl Ether
 Concen: 23.142 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion: 74 Resp: 22403
 Ion Ratio Lower Upper
 74 100
 45 102.8 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.091 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

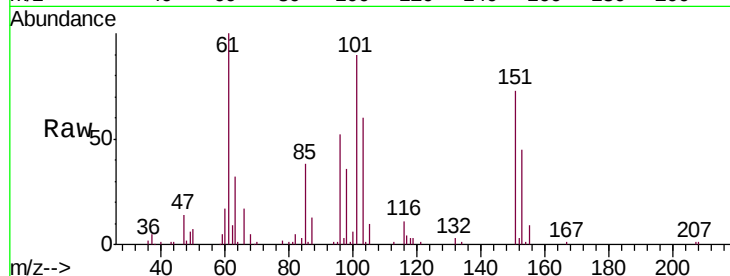
Tgt Ion:101 Resp: 40066

Ion Ratio Lower Upper

101 100

85 45.7 36.6 54.8

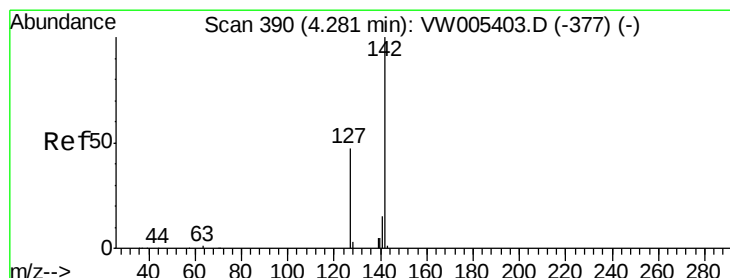
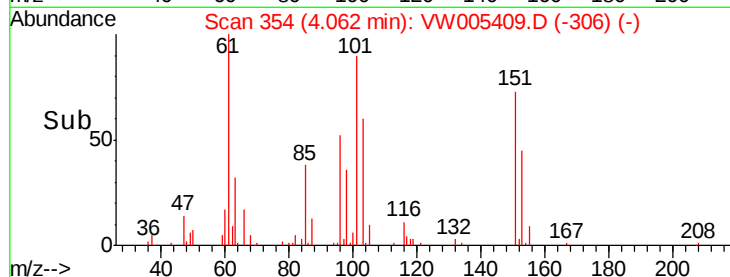
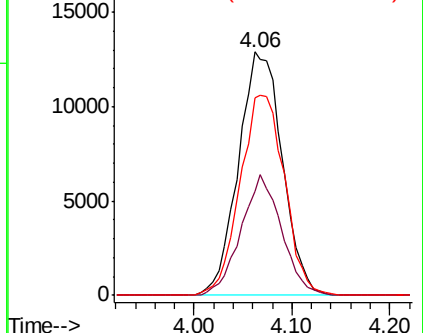
151 83.6 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.529 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

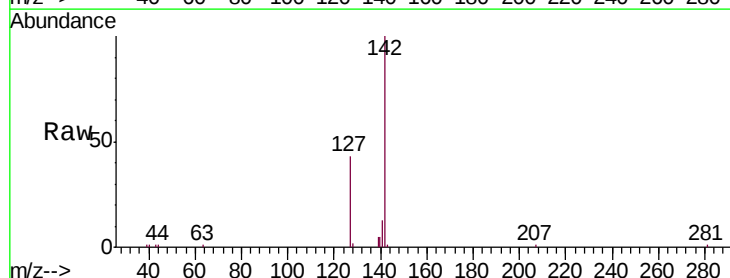
Tgt Ion:142 Resp: 45951

Ion Ratio Lower Upper

142 100

127 45.3 37.5 56.3

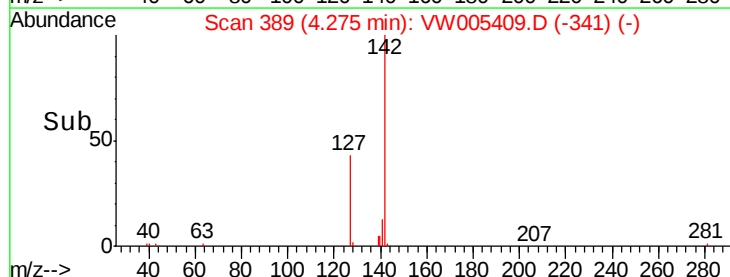
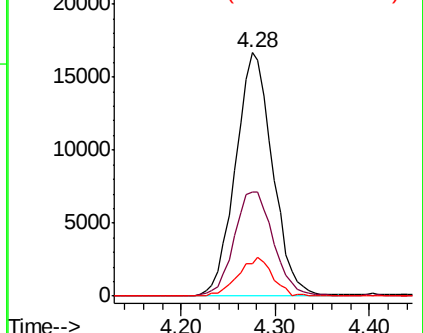
141 14.6 12.4 18.6

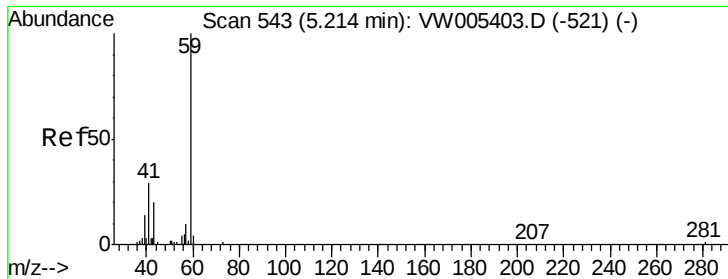


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

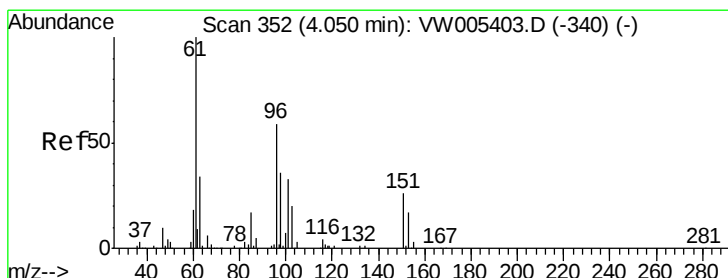
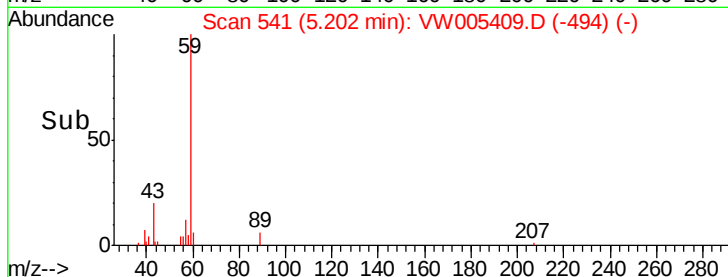
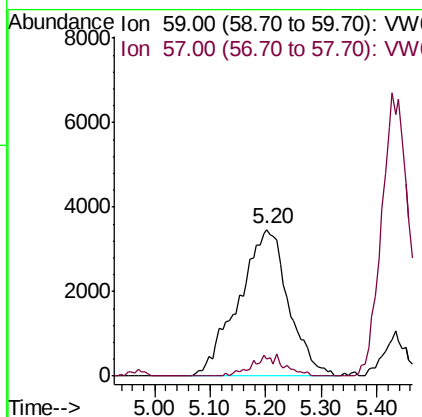
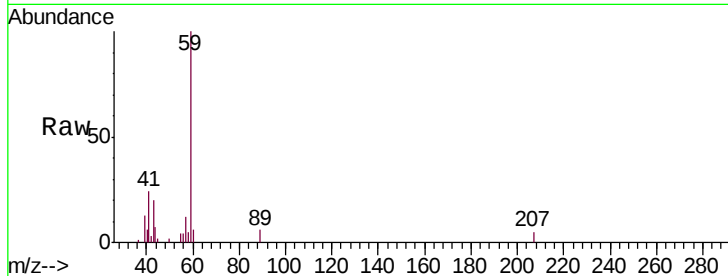




#11
Tert butyl alcohol
Concen: 147.502 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

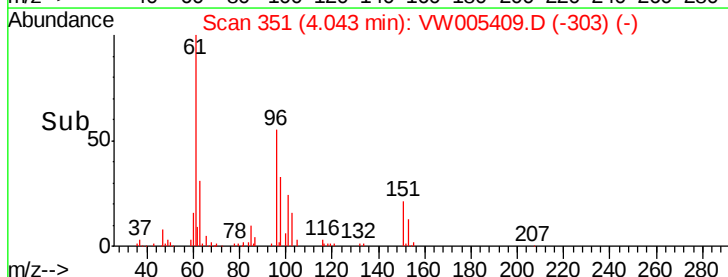
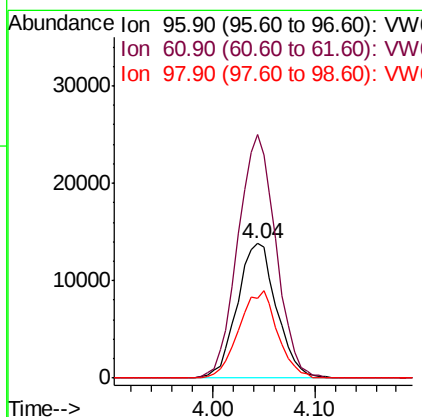
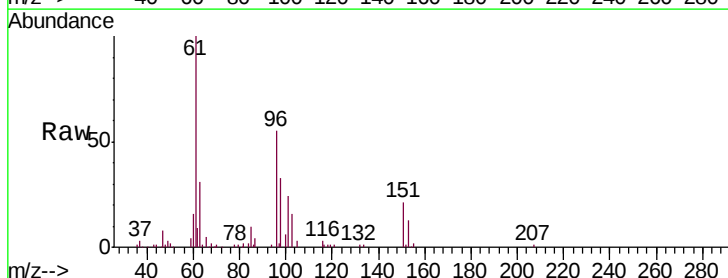
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

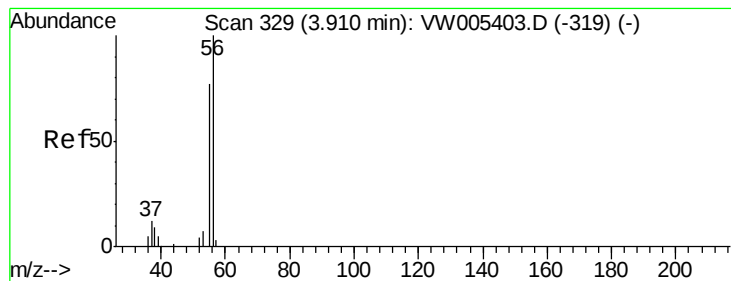
Tgt Ion: 59 Resp: 21614
Ion Ratio Lower Upper
59 100
57 9.1 8.6 13.0



#12
1,1-Dichloroethene
Concen: 21.481 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 96 Resp: 36957
Ion Ratio Lower Upper
96 100
61 180.9 135.7 203.5
98 59.3 48.6 73.0





#13

Acrolein

Concen: 138.884 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

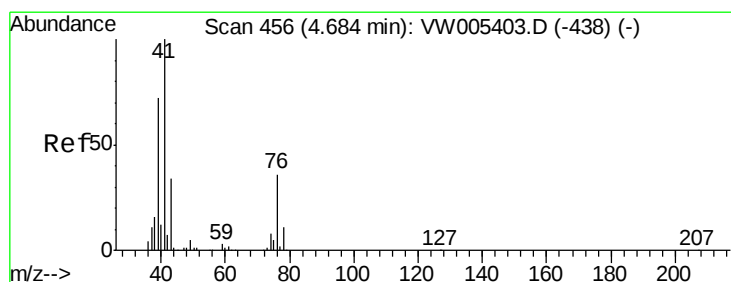
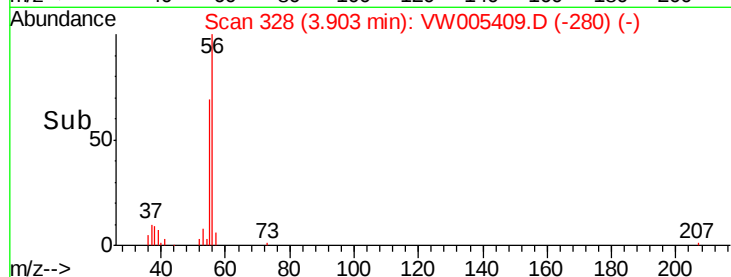
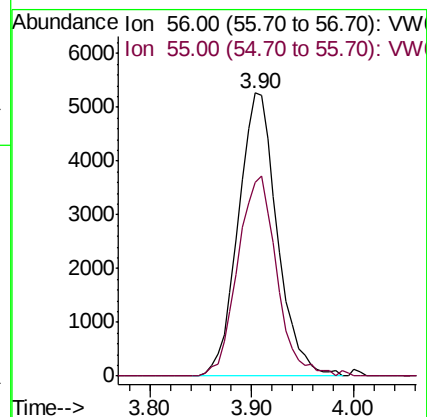
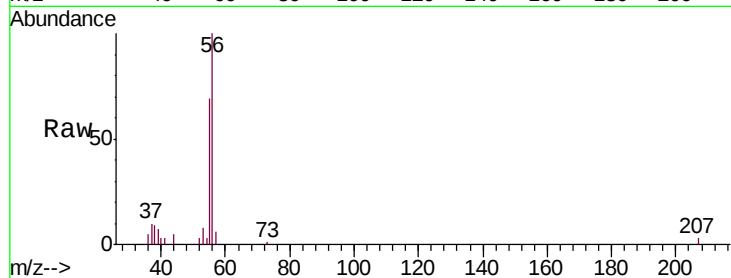
VW0916SBS01

Tgt Ion: 56 Resp: 13977

Ion Ratio Lower Upper

56 100

55 70.5 59.8 89.8



#14

Allyl chloride

Concen: 21.466 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

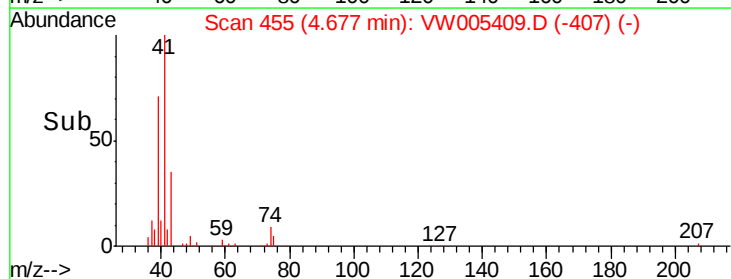
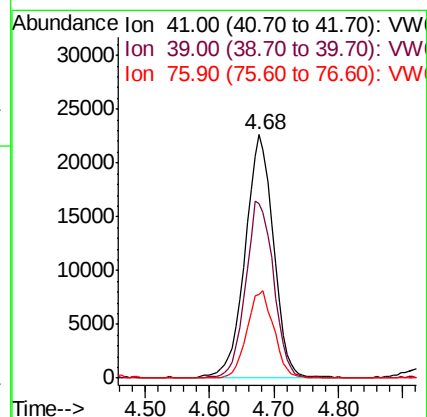
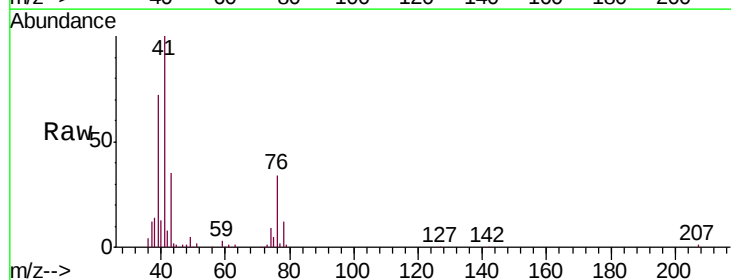
Tgt Ion: 41 Resp: 68721

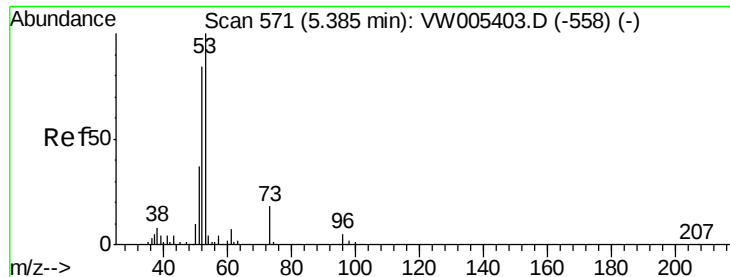
Ion Ratio Lower Upper

41 100

39 71.4 58.6 88.0

76 33.8 27.4 41.0





#15

Acrylonitrile

Concen: 114.730 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

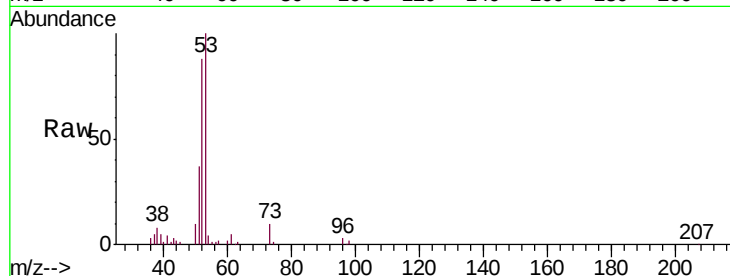
Tgt Ion: 53 Resp: 50803

Ion Ratio Lower Upper

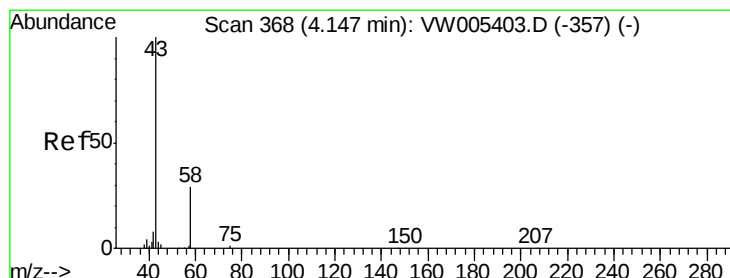
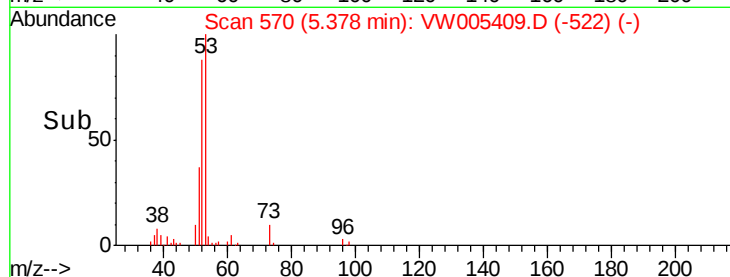
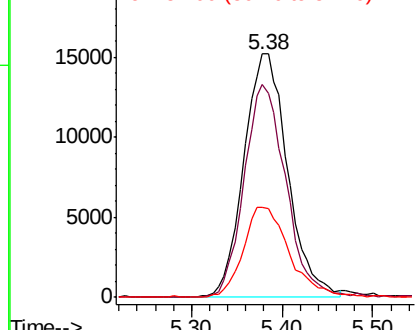
53 100

52 83.2 66.6 99.8

51 39.2 31.1 46.7



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: 117.854 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005409.D

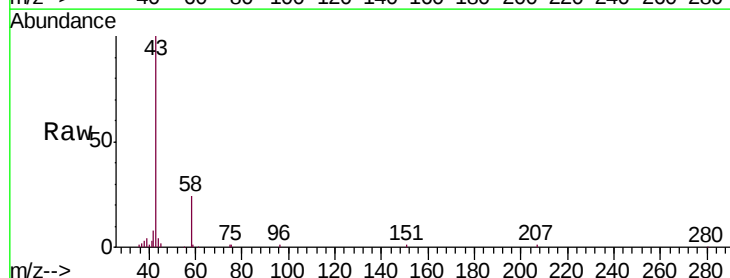
Acq: 15 Sep 2018 03:29

Tgt Ion: 43 Resp: 42280

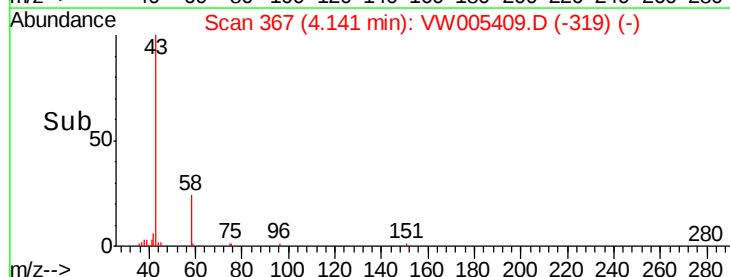
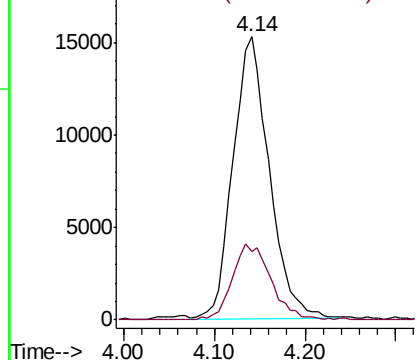
Ion Ratio Lower Upper

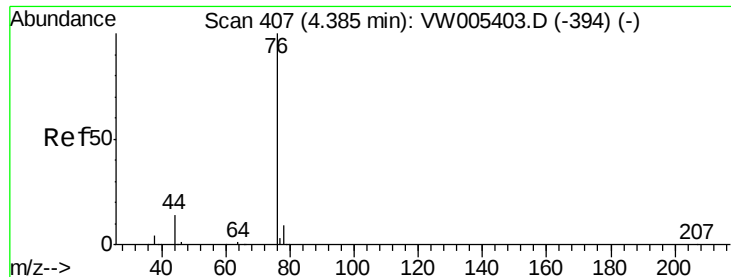
43 100

58 24.3 22.8 34.2



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





#17

Carbon Disulfide

Concen: 20.606 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

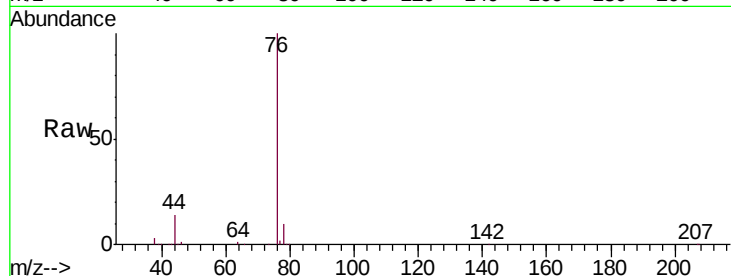
VW0916SBS01

Tgt Ion: 76 Resp: 124886

Ion Ratio Lower Upper

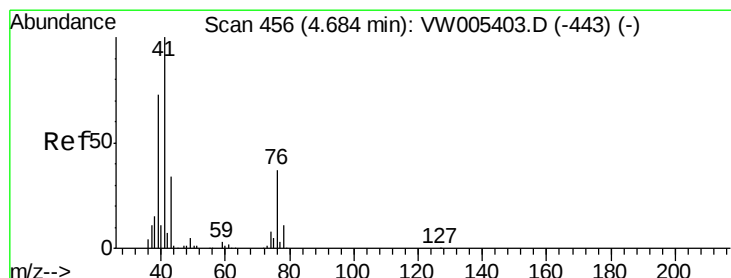
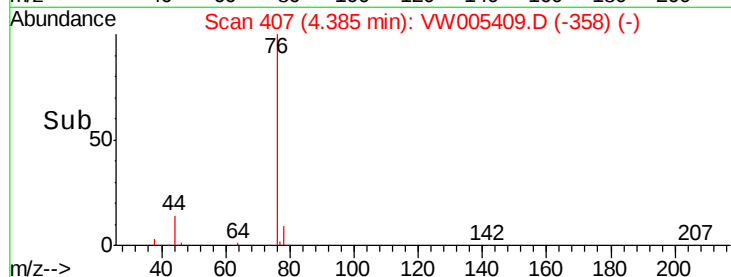
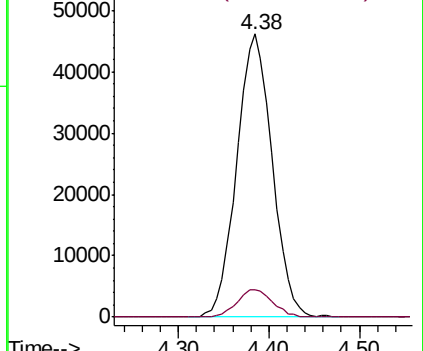
76 100

78 9.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 21.928 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005409.D

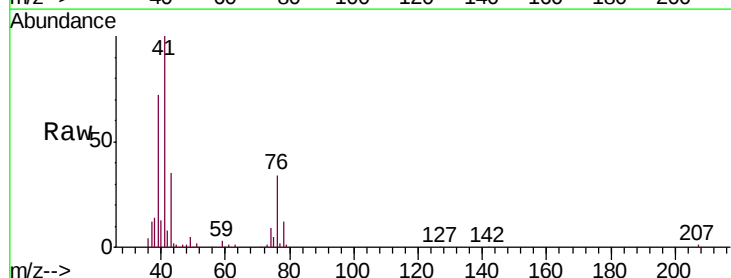
Acq: 15 Sep 2018 03:29

Tgt Ion: 43 Resp: 24321

Ion Ratio Lower Upper

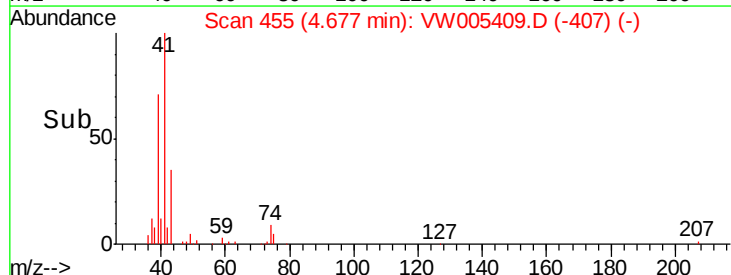
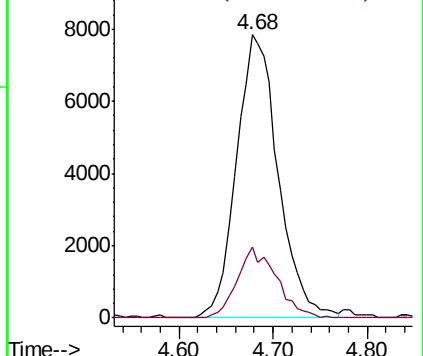
43 100

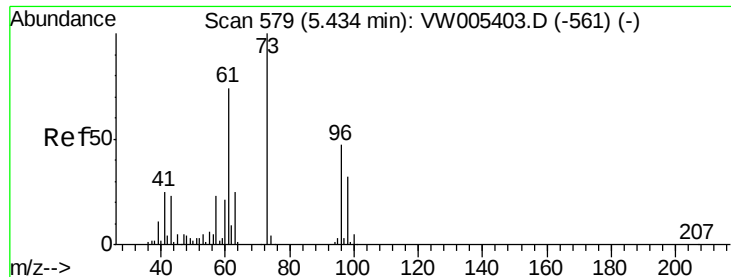
74 23.4 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

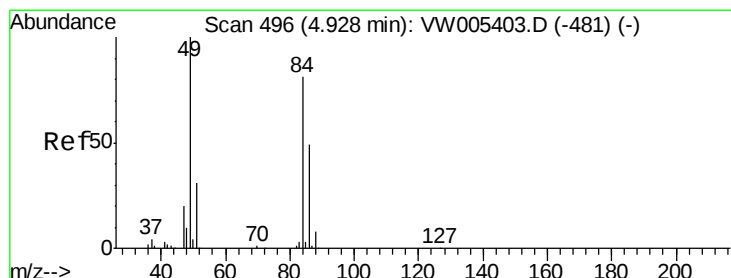
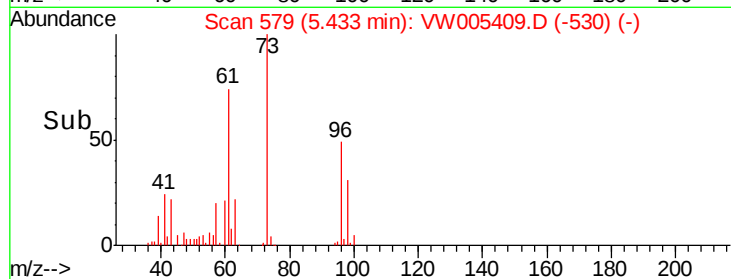
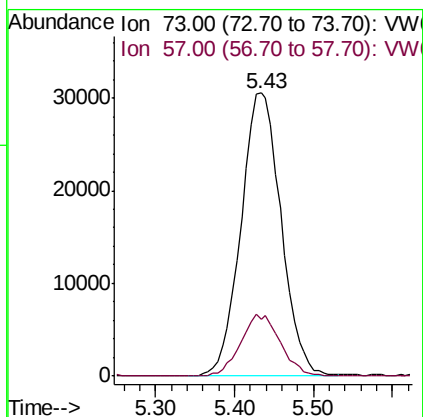
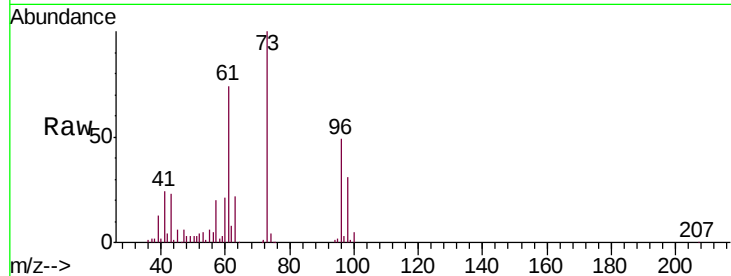




#19
Methyl tert-butyl Ether
Concen: 23.162 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

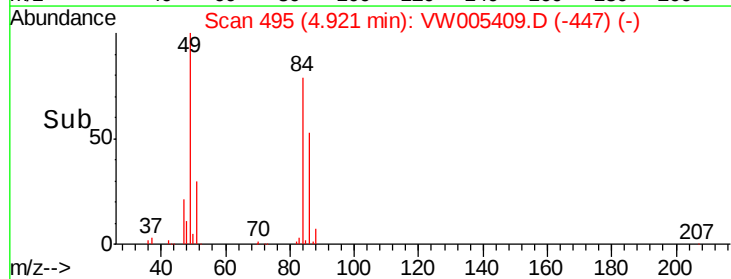
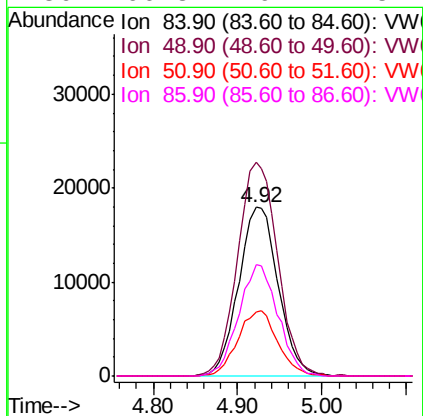
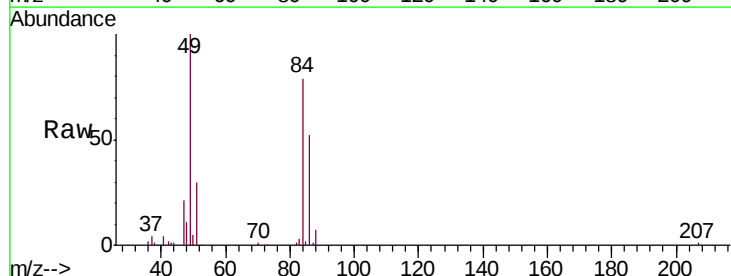
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

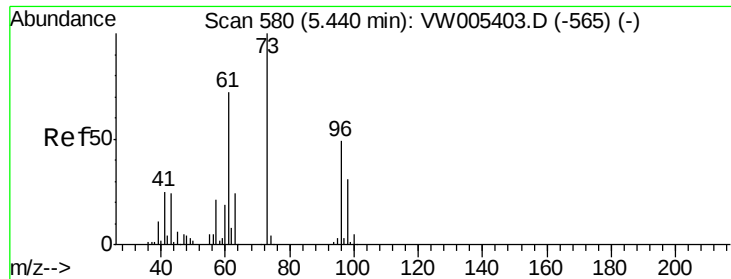
Tgt Ion: 73 Resp: 108203
Ion Ratio Lower Upper
73 100
57 20.3 18.6 28.0



#20
Methylene Chloride
Concen: 21.727 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 84 Resp: 57186
Ion Ratio Lower Upper
84 100
49 126.8 99.3 148.9
51 38.3 31.1 46.7
86 66.3 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 21.367 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

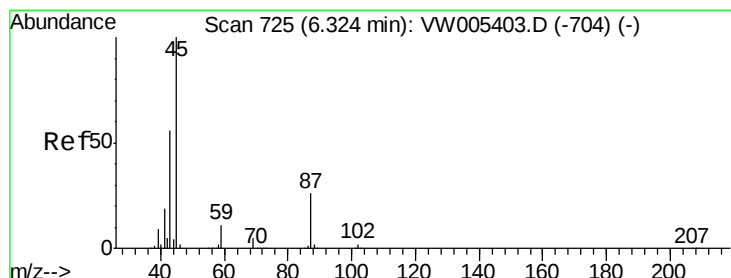
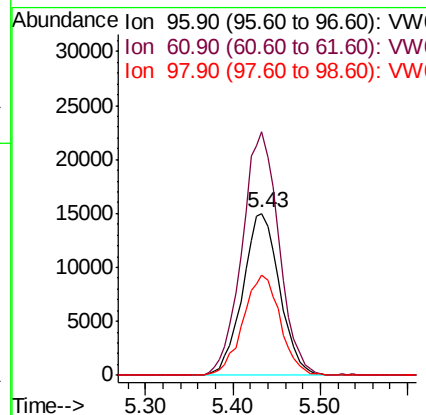
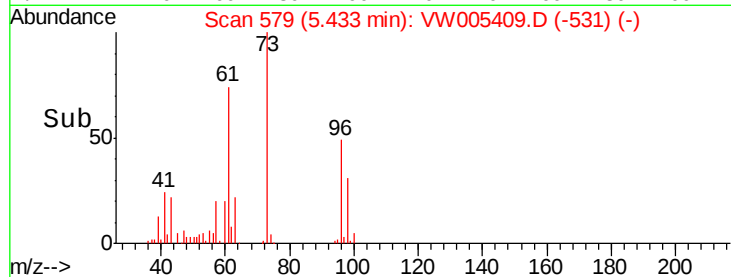
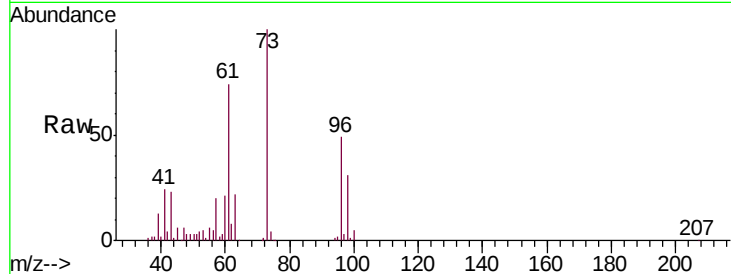
Tgt Ion: 96 Resp: 43900

Ion Ratio Lower Upper

96 100

61 150.2 116.7 175.1

98 62.0 51.0 76.6



#22

Diisopropyl ether

Concen: 21.786 ug/l

RT: 6.32 min Scan# 725

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion: 45 Resp: 137098

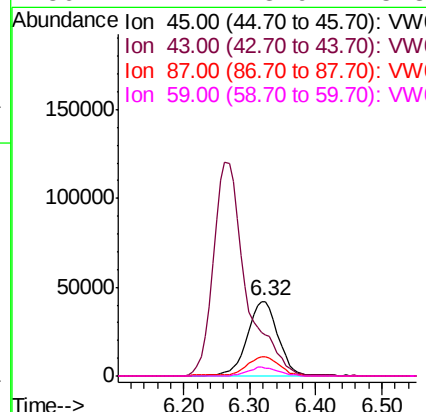
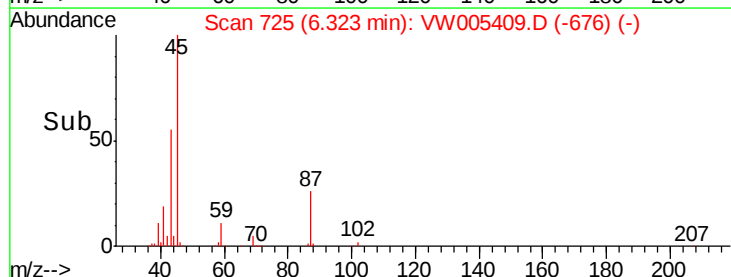
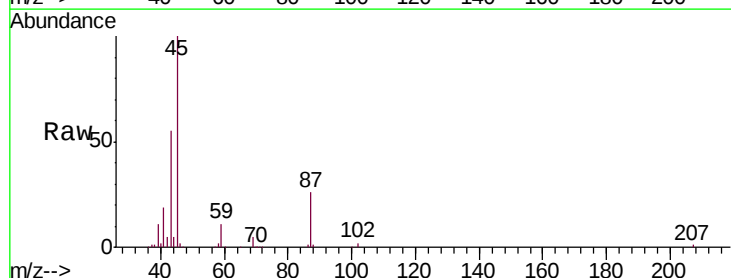
Ion Ratio Lower Upper

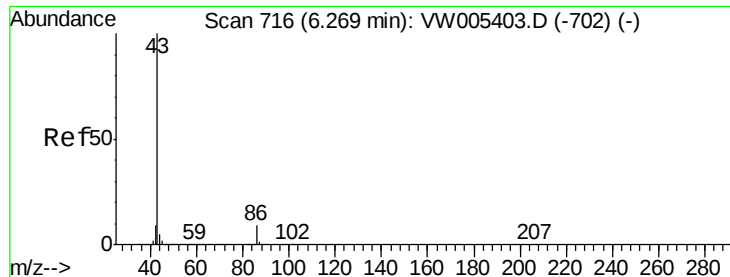
45 100

43 54.0 44.6 67.0

87 25.8 20.6 31.0

59 11.1 8.9 13.3





#23

Vinyl Acetate

Concen: 114.766 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

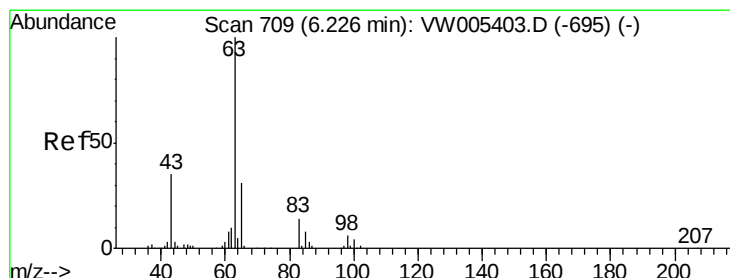
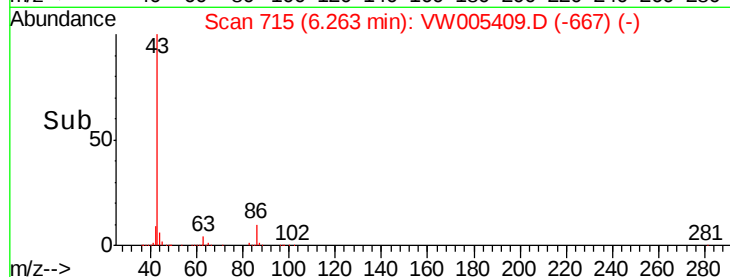
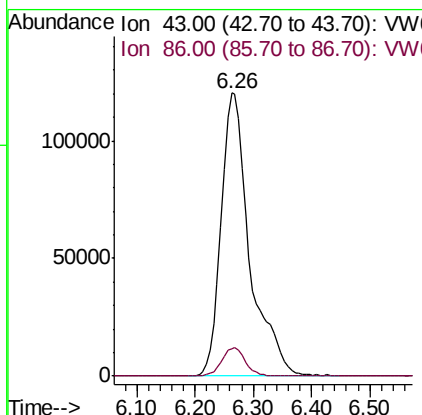
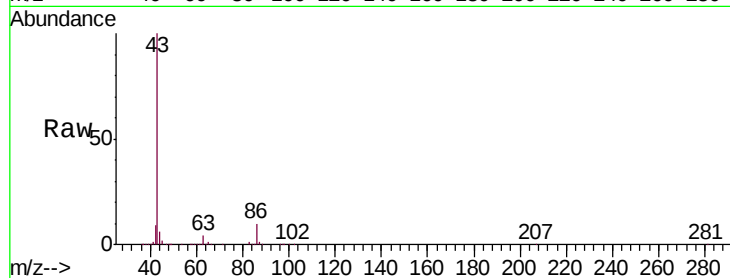
VW0916SBS01

Tgt Ion: 43 Resp: 411539

Ion Ratio Lower Upper

43 100

86 9.7 7.5 11.3



#24

1,1-Dichloroethane

Concen: 21.219 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

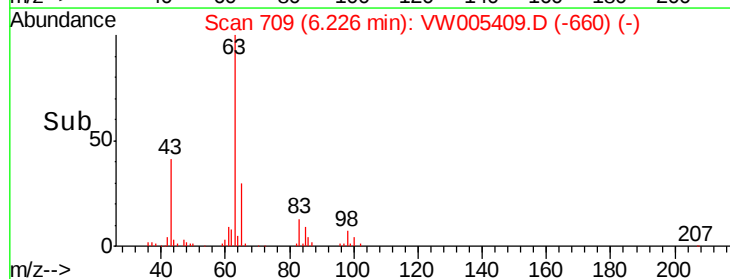
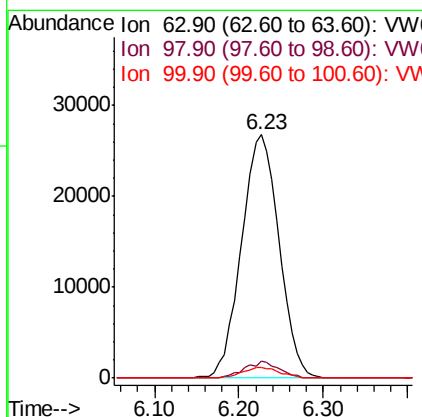
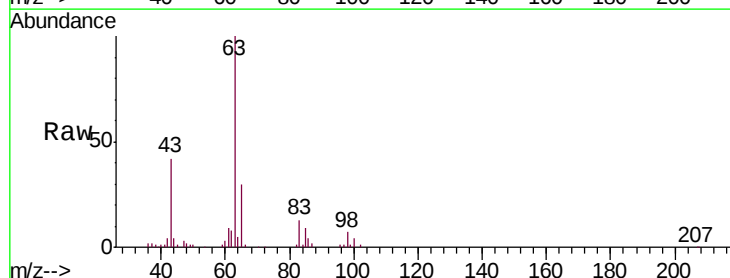
Tgt Ion: 63 Resp: 81031

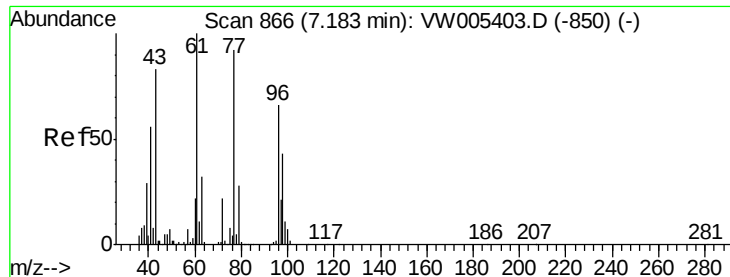
Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 116.559 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampled :

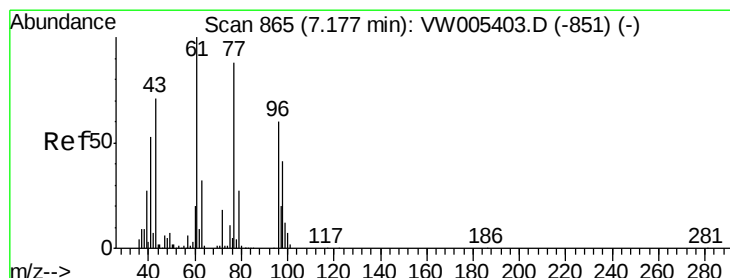
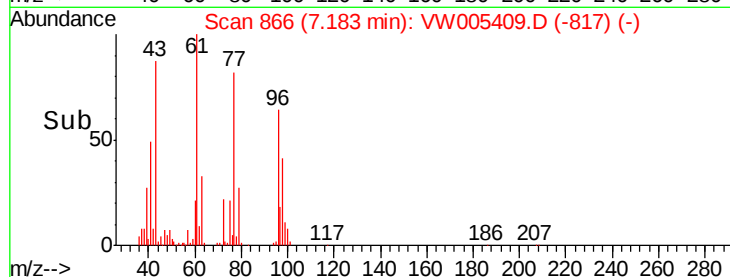
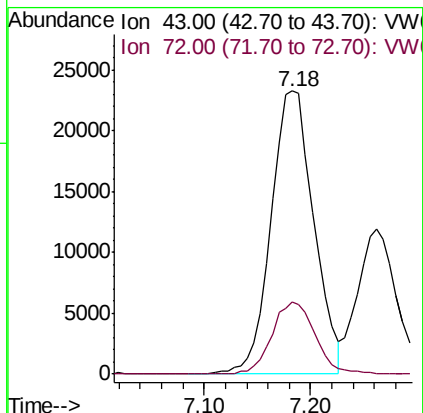
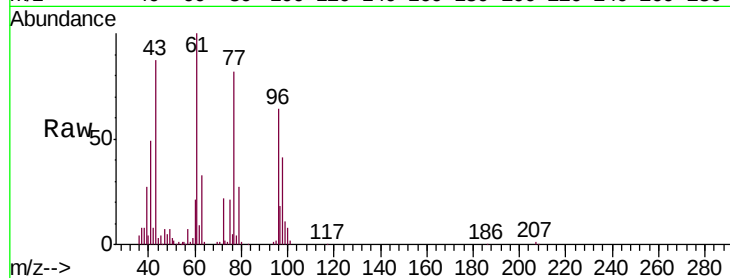
VW0916SBS01

Tgt Ion: 43 Resp: 64718

Ion Ratio Lower Upper

43 100

72 25.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 21.022 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005409.D

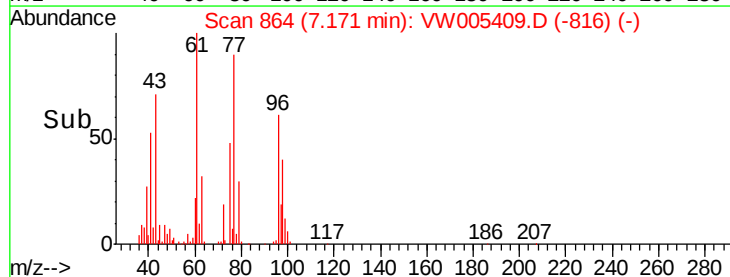
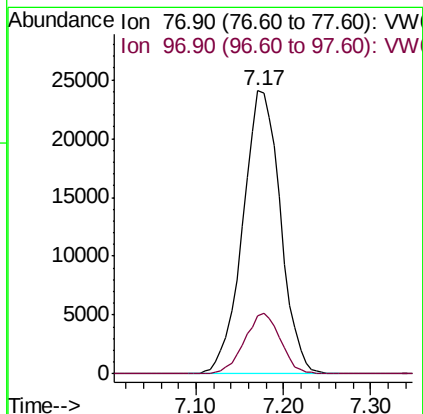
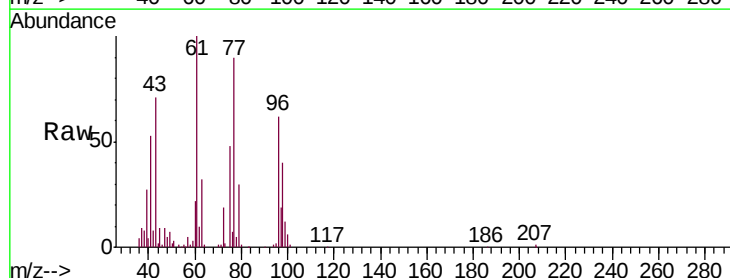
Acq: 15 Sep 2018 03:29

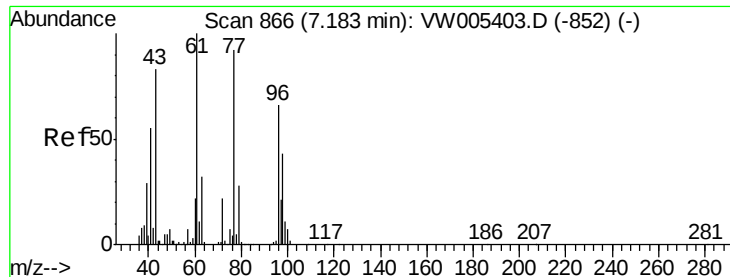
Tgt Ion: 77 Resp: 72013

Ion Ratio Lower Upper

77 100

97 20.5 10.7 32.1



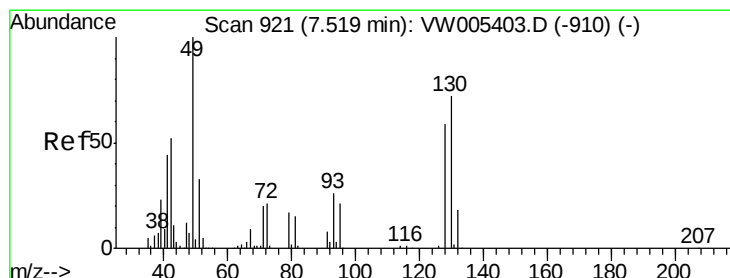
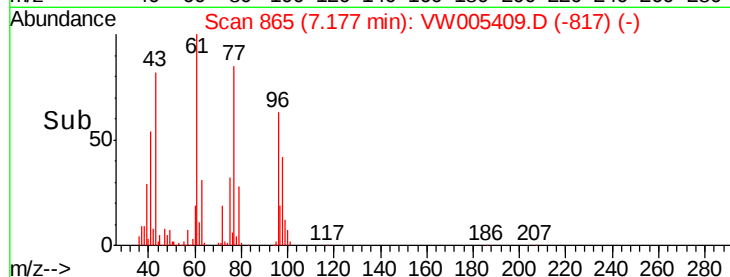
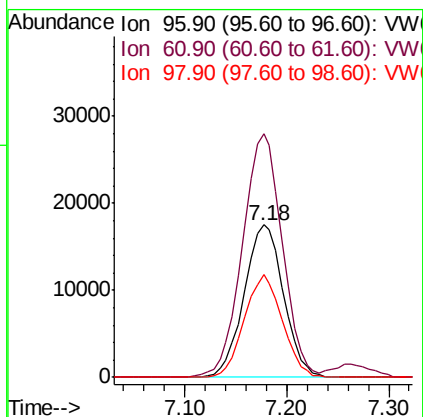
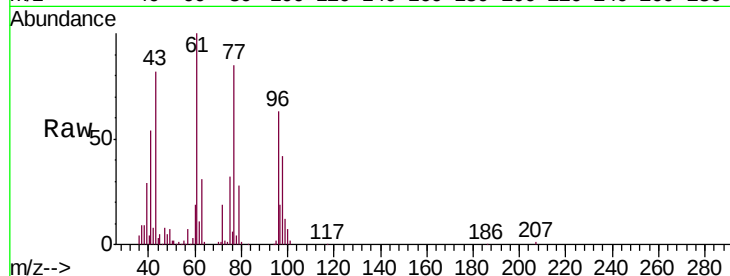


#27

cis-1,2-Dichloroethene
Concen: 21.093 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

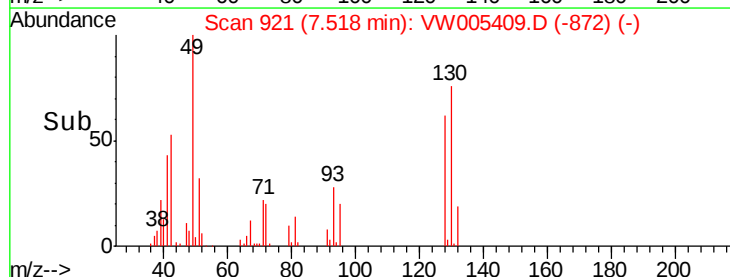
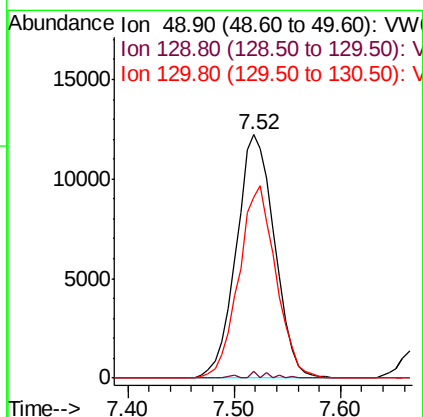
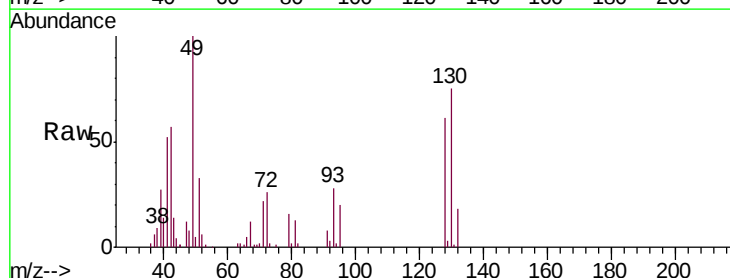
Tgt Ion: 96 Resp: 47141
Ion Ratio Lower Upper
96 100
61 161.0 0.0 316.0
98 65.0 0.0 130.8

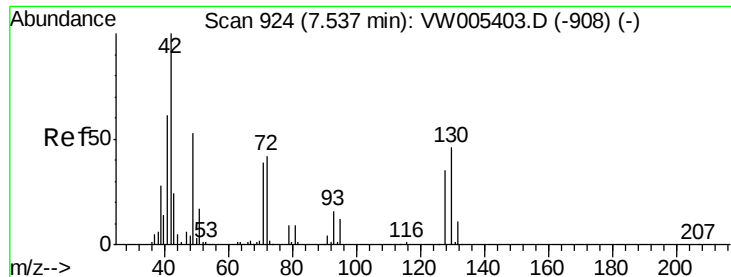


#28

Bromochloromethane
Concen: 20.732 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 49 Resp: 30794
Ion Ratio Lower Upper
49 100
129 1.0 0.0 1.0
130 76.7 61.4 92.2





#29

Tetrahydrofuran

Concen: 115.761 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

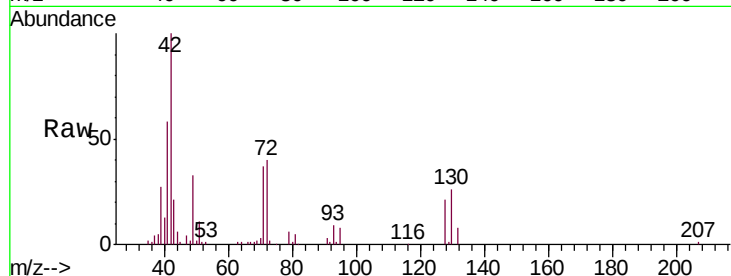
Tgt Ion: 42 Resp: 40947

Ion Ratio Lower Upper

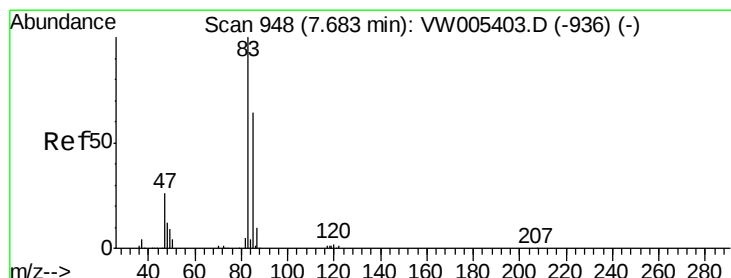
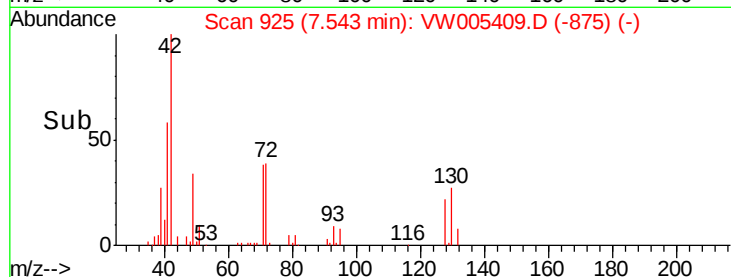
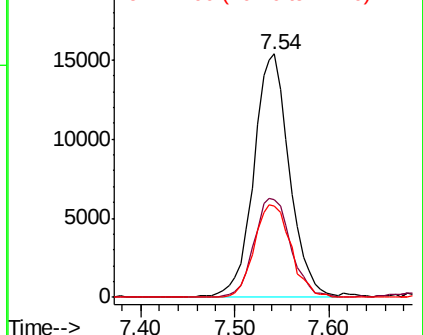
42 100

72 41.8 33.2 49.8

71 38.8 31.0 46.6



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



#30

Chloroform

Concen: 21.419 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005409.D

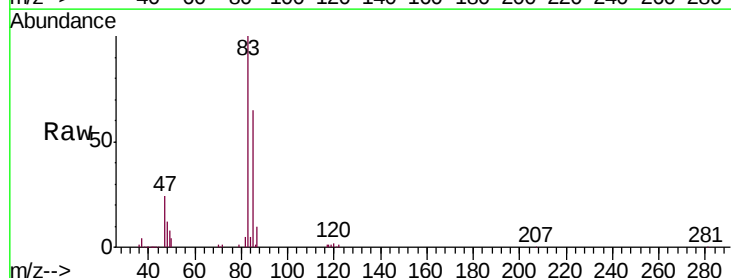
Acq: 15 Sep 2018 03:29

Tgt Ion: 83 Resp: 84703

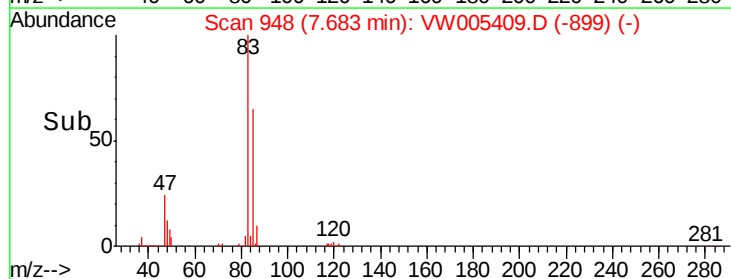
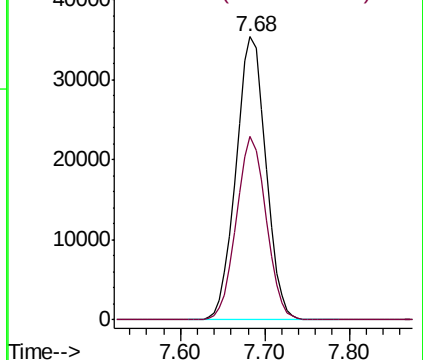
Ion Ratio Lower Upper

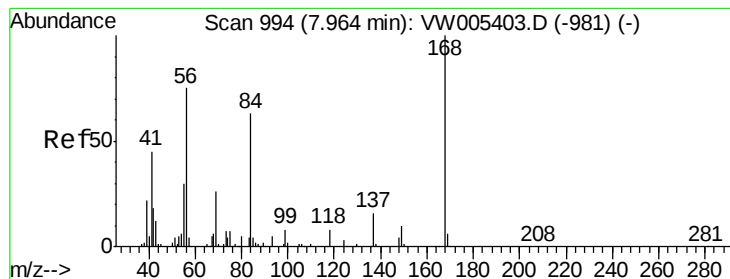
83 100

85 65.0 51.5 77.3



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





#31

Cyclohexane

Concen: 21.555 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

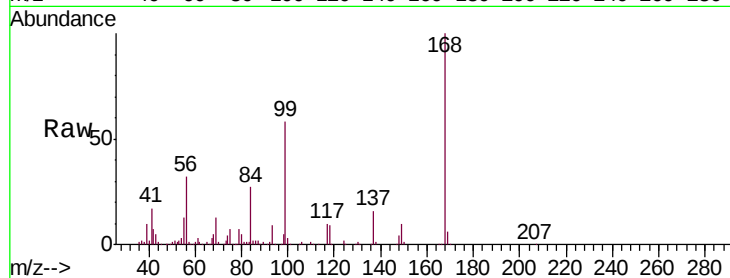
Tgt Ion: 56 Resp: 79408

Ion Ratio Lower Upper

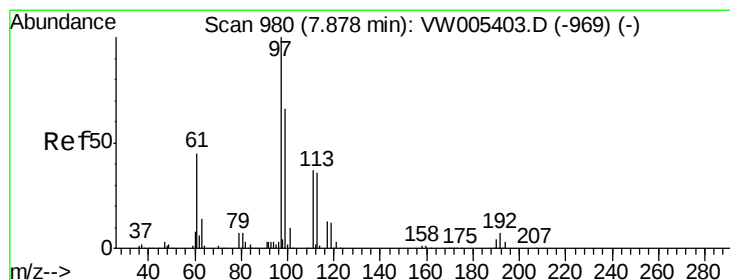
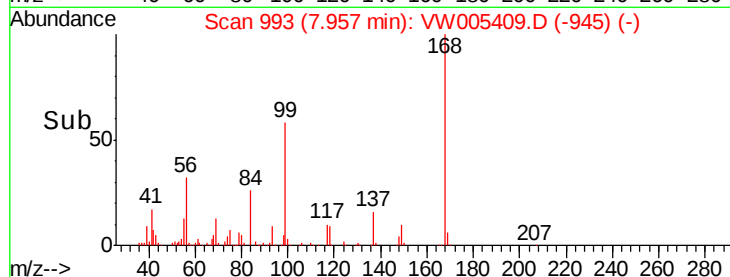
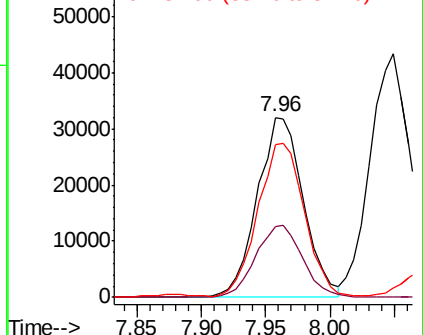
56 100

69 39.6 27.2 40.8

84 83.9 66.7 100.1



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: 21.704 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

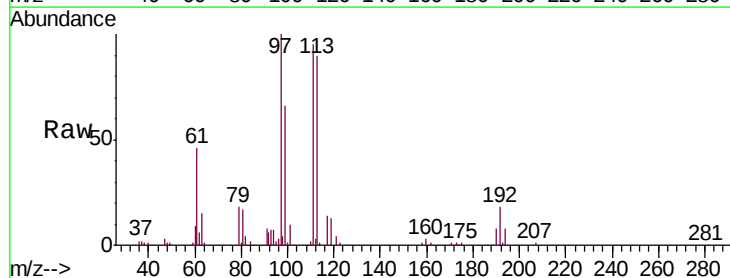
Tgt Ion: 97 Resp: 79808

Ion Ratio Lower Upper

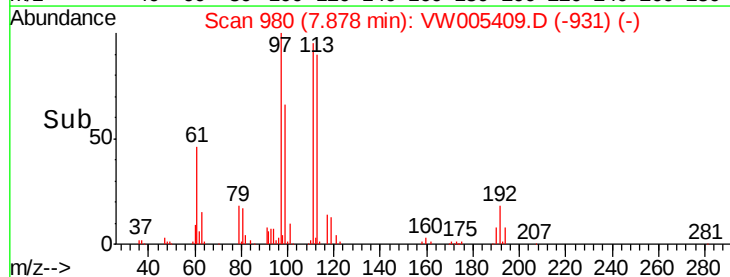
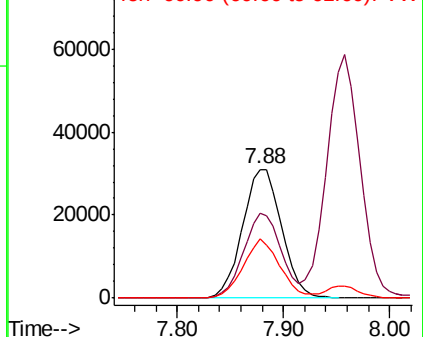
97 100

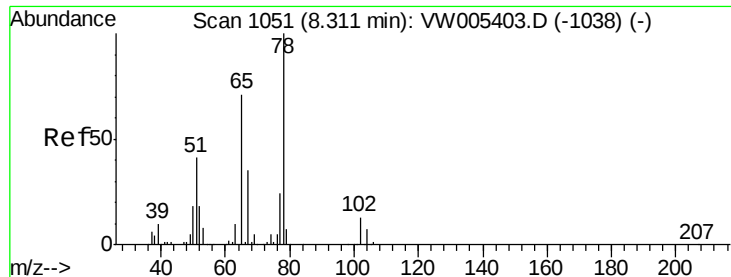
99 63.7 51.5 77.3

61 43.4 35.8 53.6



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

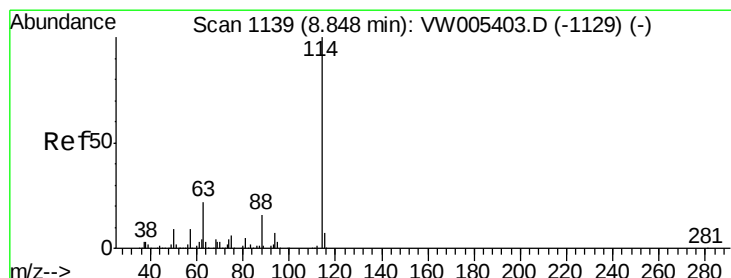
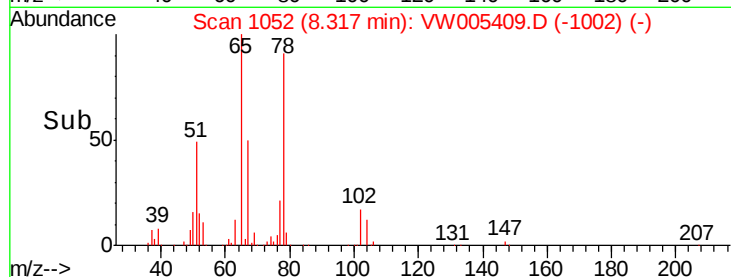
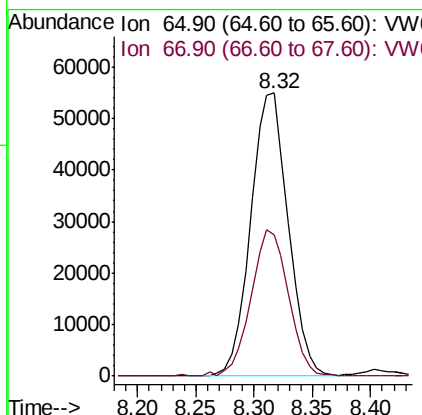
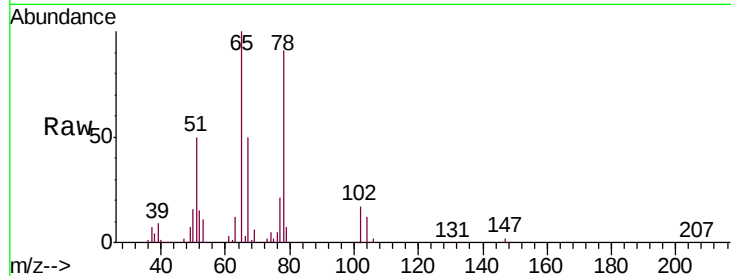




#33
 1,2-Dichloroethane-d4
 Concen: 53.128 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

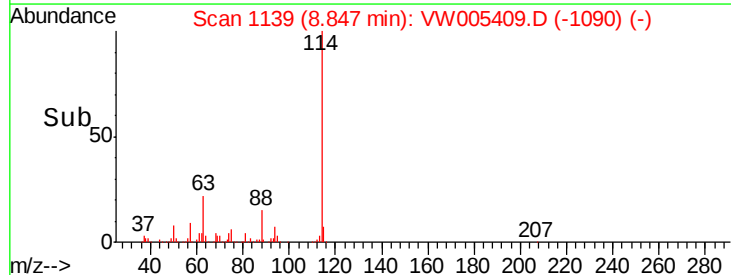
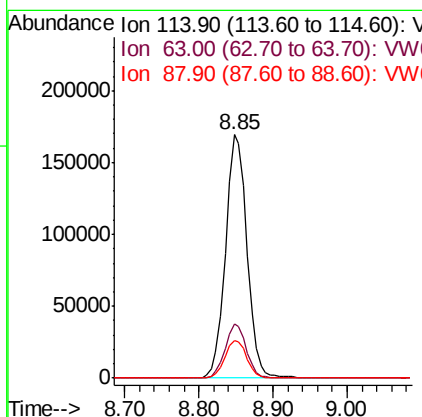
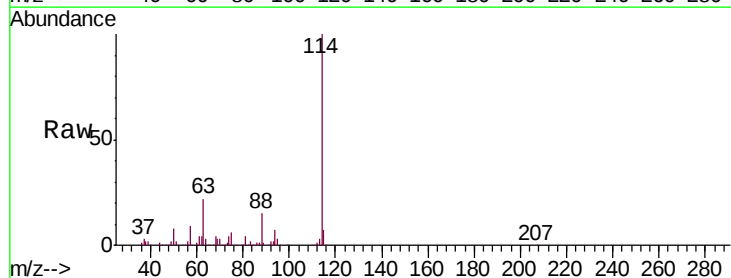
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

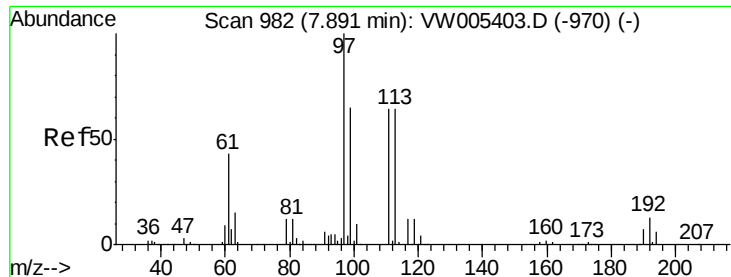
Tgt Ion: 65 Resp: 122629
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion: 114 Resp: 342012
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 15.5 0.0 31.8

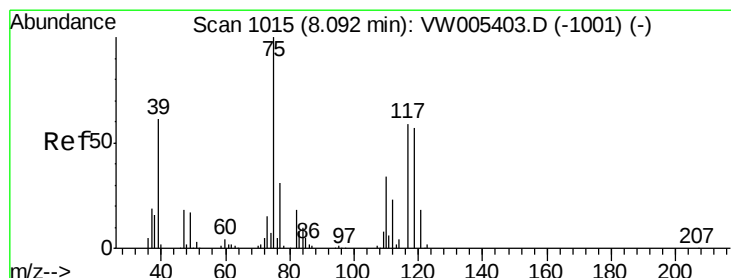
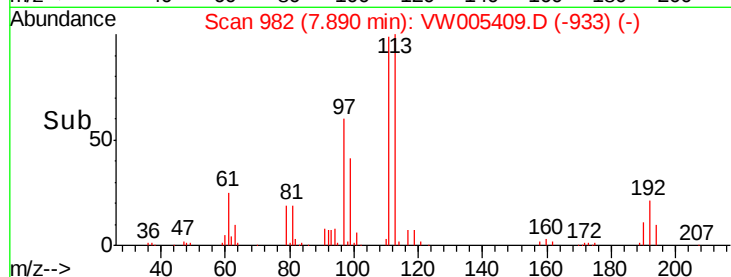
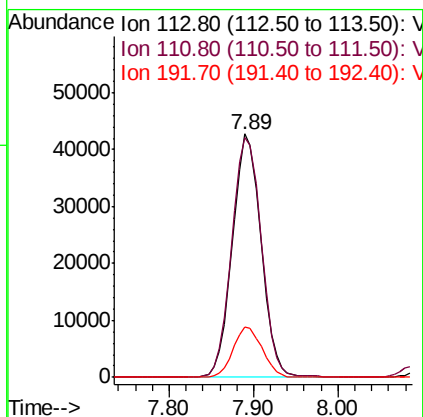
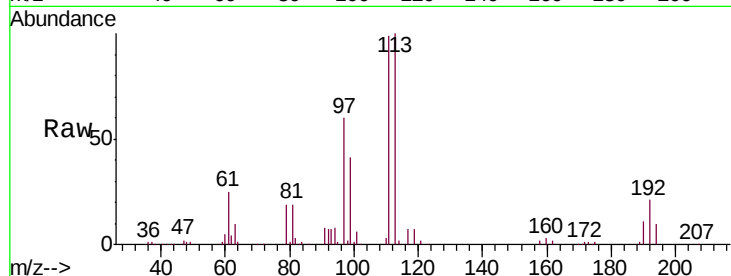




#35
 Dibromofluoromethane
 Concen: 51.214 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

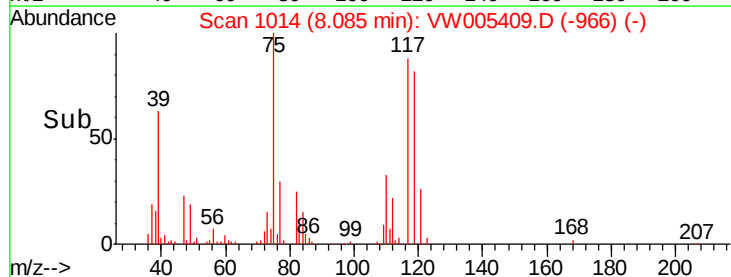
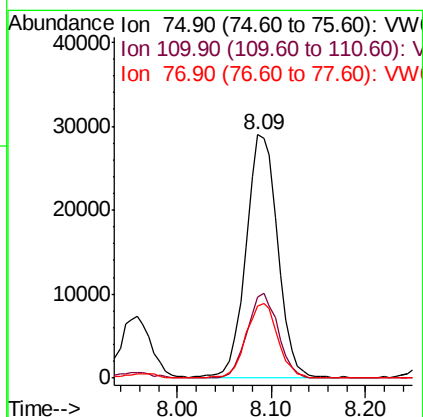
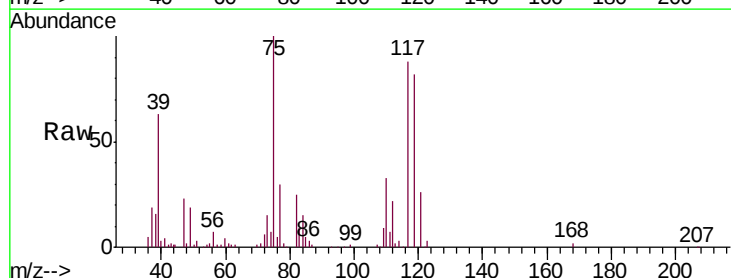
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

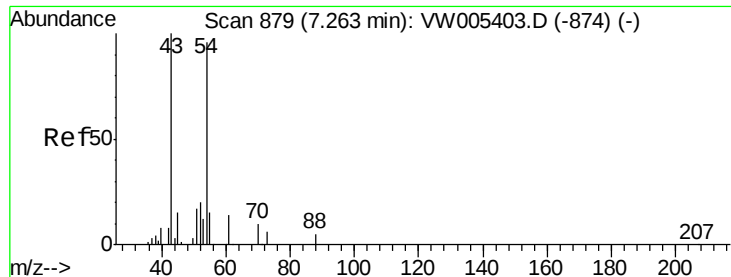
Tgt Ion:113 Resp: 98208
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.3 123.5
 192 21.0 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 20.889 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion: 75 Resp: 67613
 Ion Ratio Lower Upper
 75 100
 110 34.1 16.8 50.4
 77 31.0 24.2 36.4

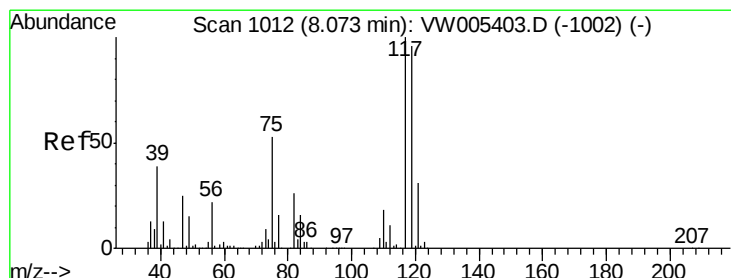
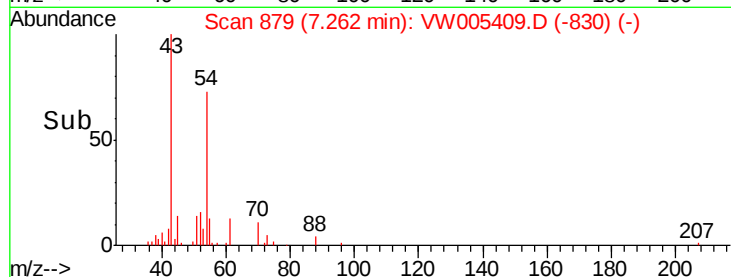
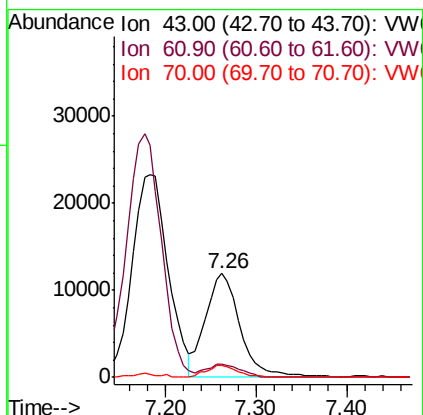
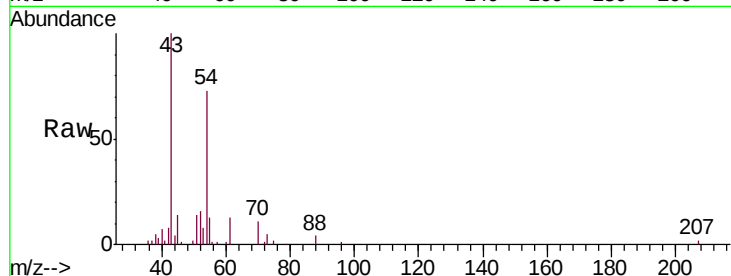




#37
Ethyl Acetate
Concen: 24.114 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

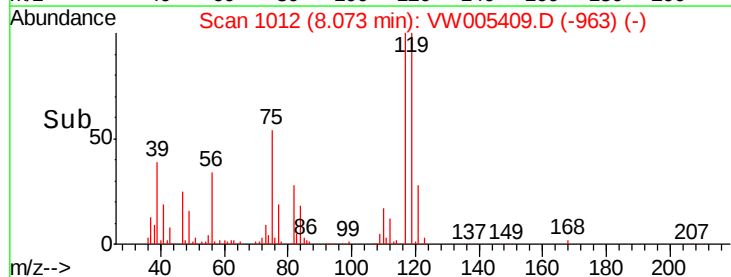
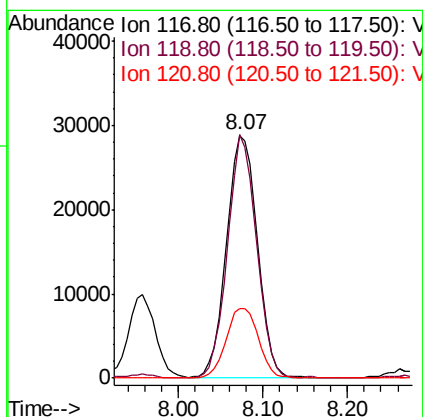
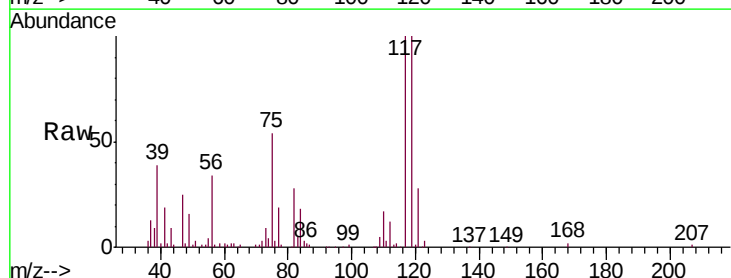
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

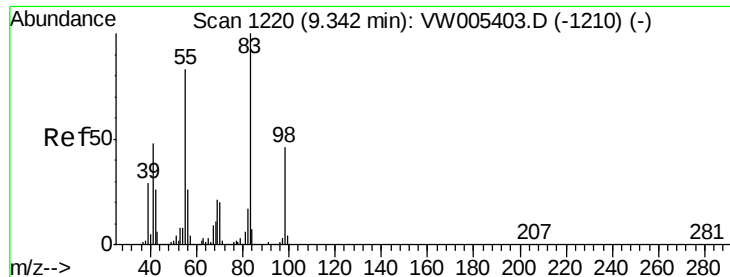
Tgt Ion: 43 Resp: 31741
Ion Ratio Lower Upper
43 100
61 13.1 11.3 16.9
70 10.4 8.2 12.4



#38
Carbon Tetrachloride
Concen: 21.304 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 117 Resp: 71853
Ion Ratio Lower Upper
117 100
119 100.4 76.8 115.2
121 28.5 24.7 37.1

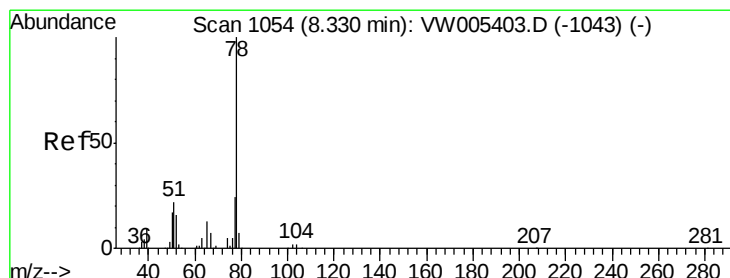
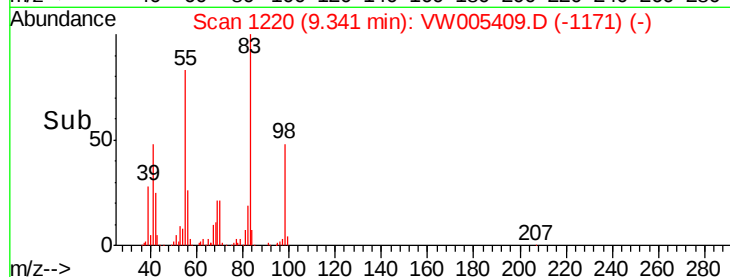
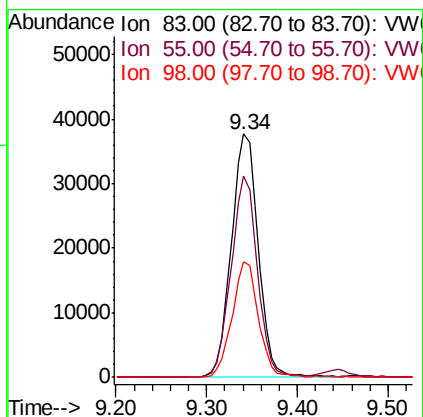
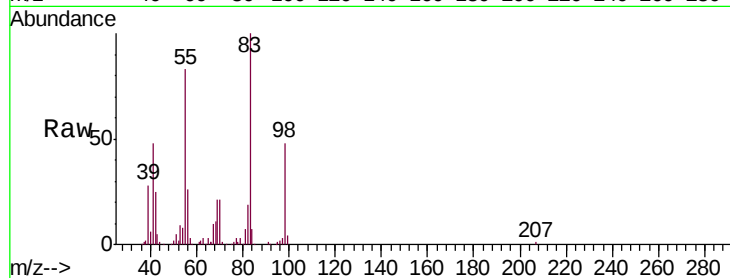




#39
Methylcyclohexane
Concen: 20.719 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

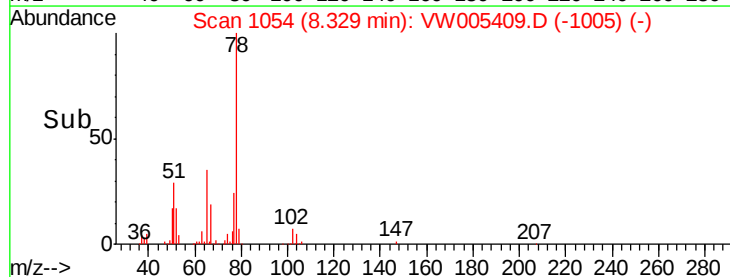
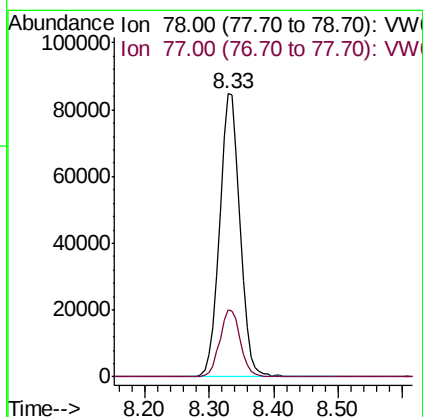
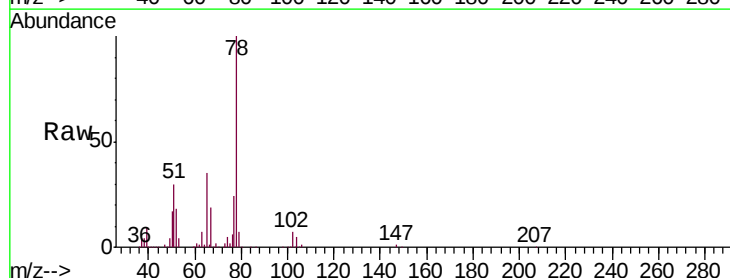
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

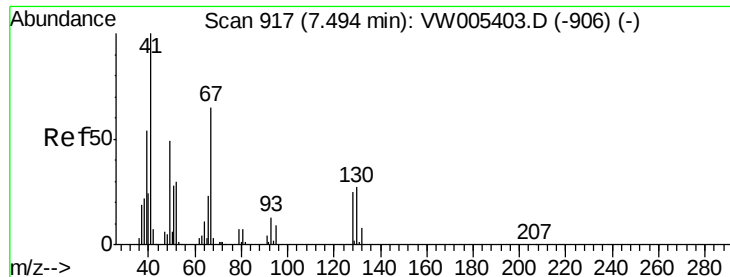
Tgt Ion: 83 Resp: 77923
Ion Ratio Lower Upper
83 100
55 82.7 66.1 99.1
98 47.5 36.7 55.1



#40
Benzene
Concen: 20.263 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 78 Resp: 189988
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 23.284 ug/l

RT: 7.49 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampled :

VW0916SBS01

Tgt Ion: 41 Resp: 18491

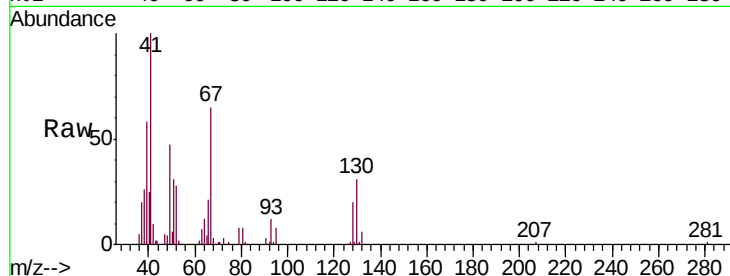
Ion Ratio Lower Upper

41 100

39 55.2 44.6 67.0

67 67.9 53.6 80.4

52 29.4 24.9 37.3

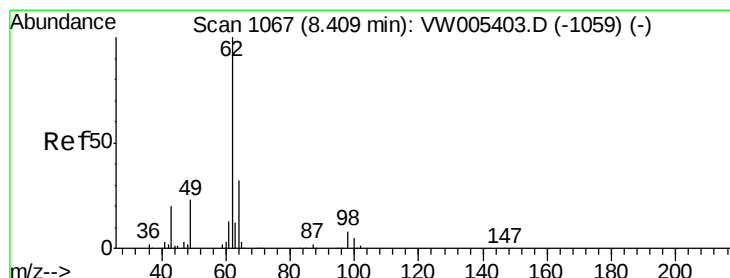
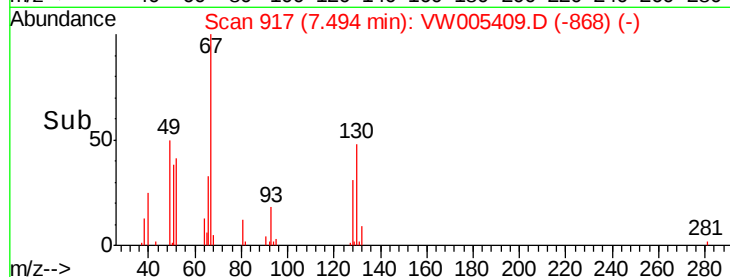
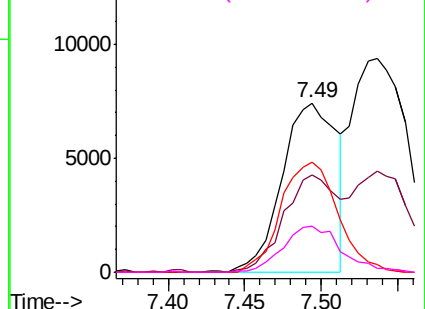


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 21.020 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VW005409.D

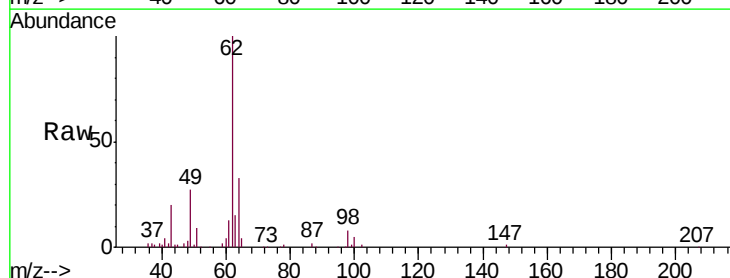
Acq: 15 Sep 2018 03:29

Tgt Ion: 62 Resp: 61689

Ion Ratio Lower Upper

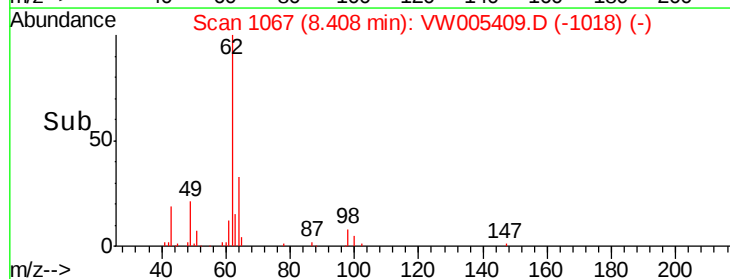
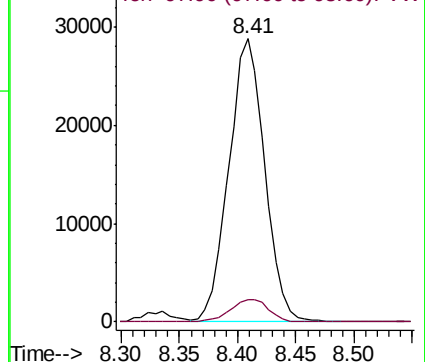
62 100

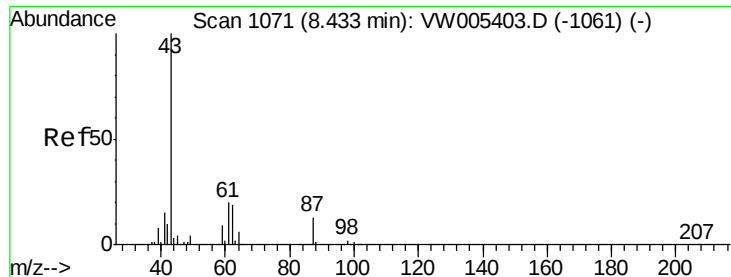
98 8.5 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.034 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

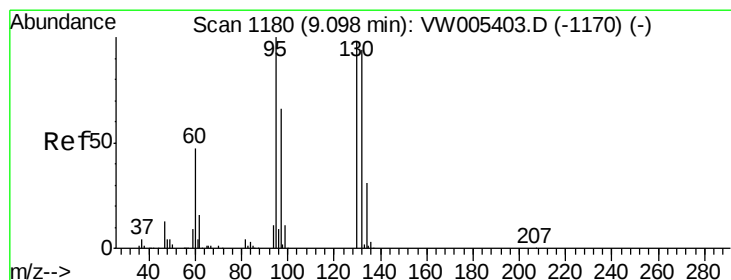
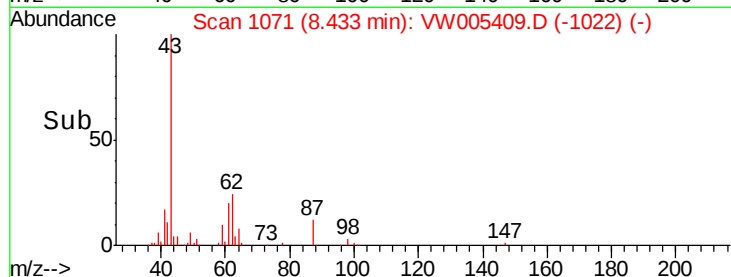
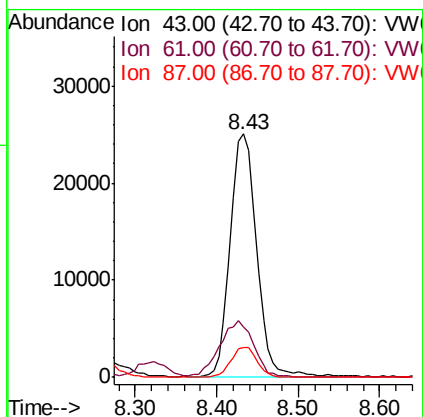
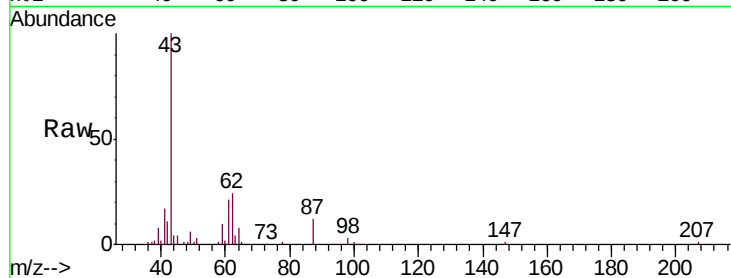
Tgt Ion: 43 Resp: 56601

Ion Ratio Lower Upper

43 100

61 29.8 23.8 35.6

87 12.1 10.1 15.1



#44

Trichloroethene

Concen: 20.527 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005409.D

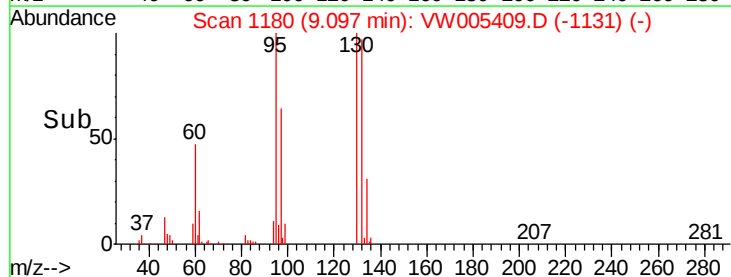
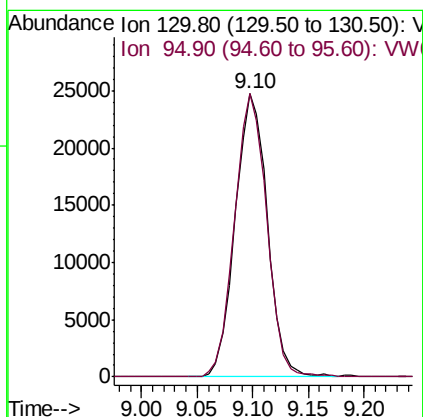
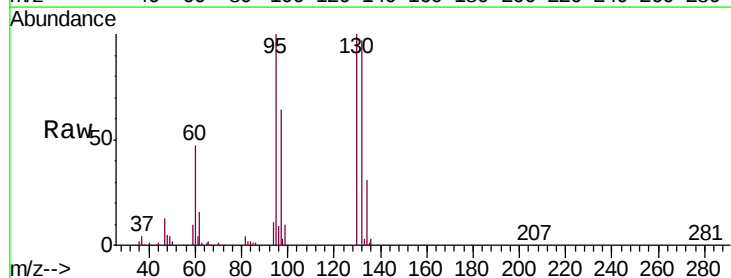
Acq: 15 Sep 2018 03:29

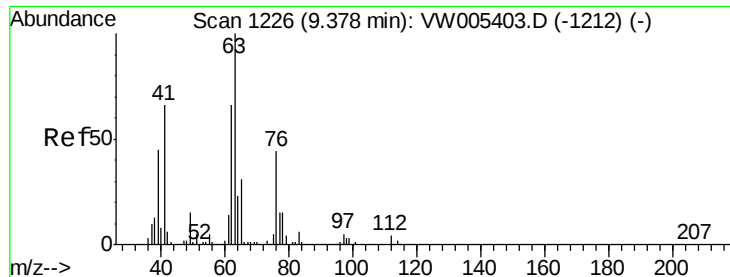
Tgt Ion: 130 Resp: 49538

Ion Ratio Lower Upper

130 100

95 100.1 0.0 204.6

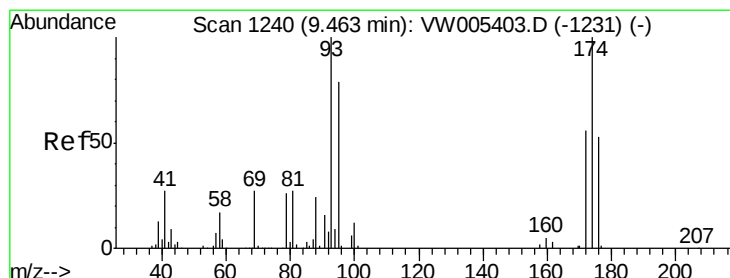
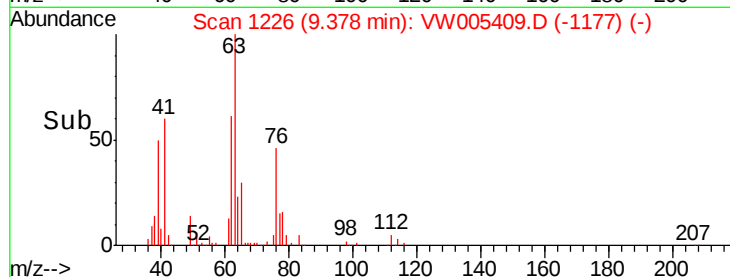
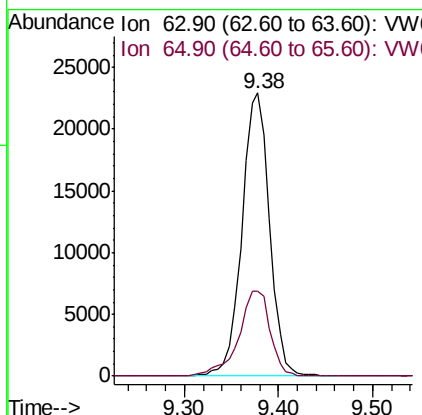
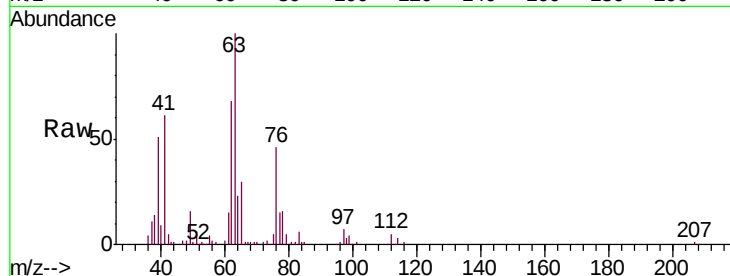




#45
 1,2-Dichloropropane
 Concen: 20.905 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

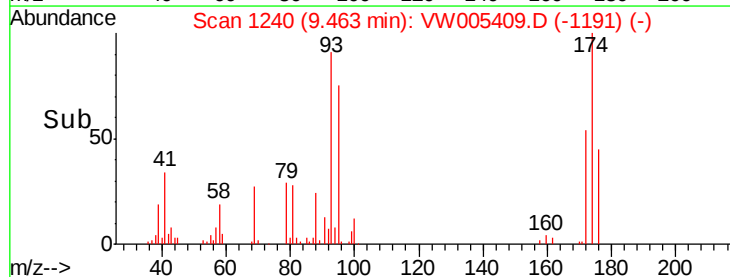
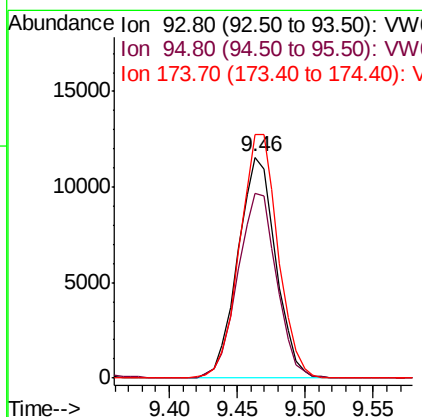
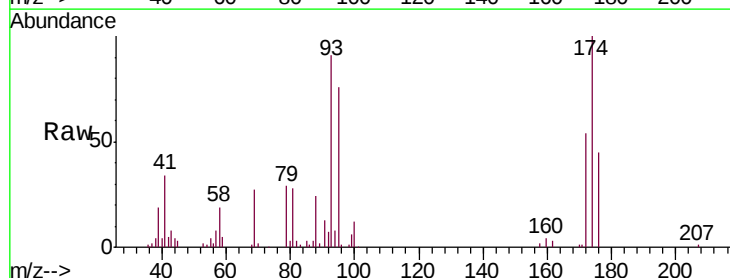
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

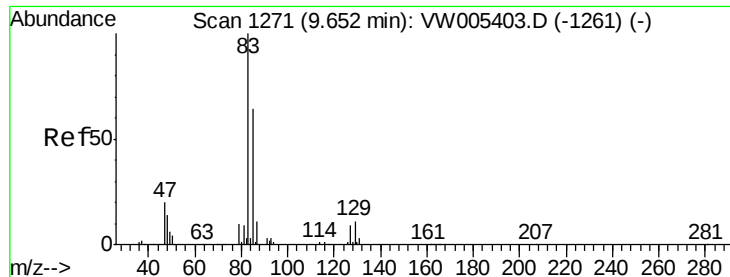
Tgt Ion: 63 Resp: 46831
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 20.413 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion: 93 Resp: 22495
 Ion Ratio Lower Upper
 93 100
 95 85.6 65.4 98.0
 174 111.3 83.4 125.2





#47

Bromodichloromethane

Concen: 21.342 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

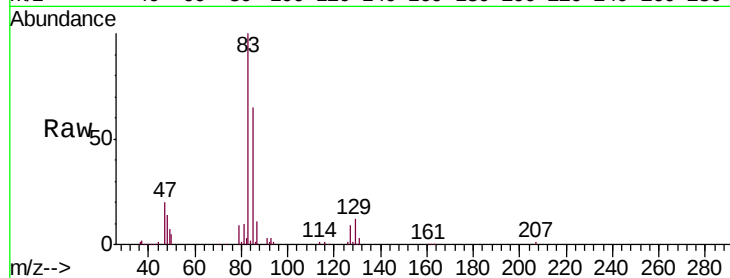
Tgt Ion: 83 Resp: 63720

Ion Ratio Lower Upper

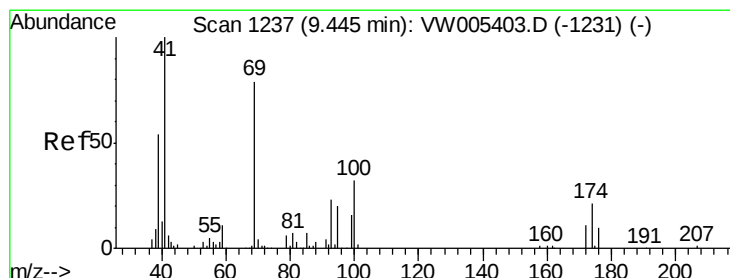
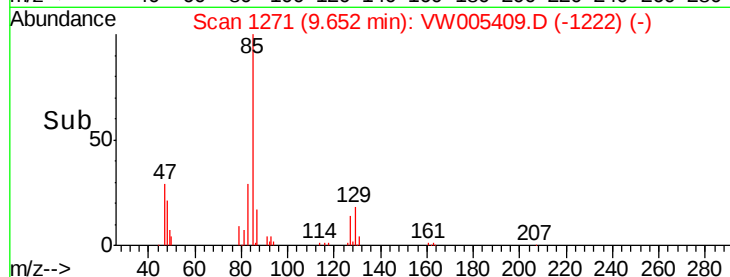
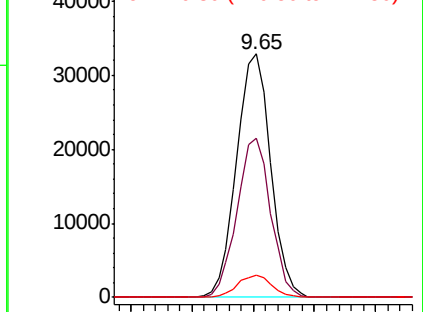
83 100

85 65.4 50.9 76.3

127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.191 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

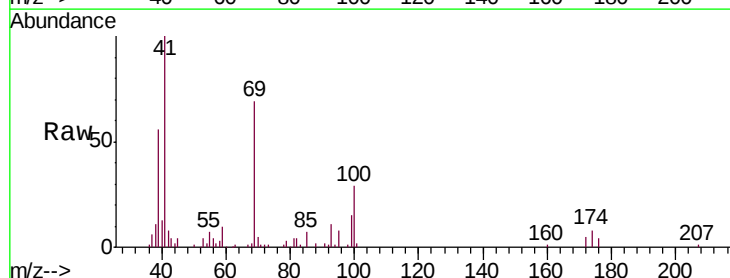
Tgt Ion: 41 Resp: 27167

Ion Ratio Lower Upper

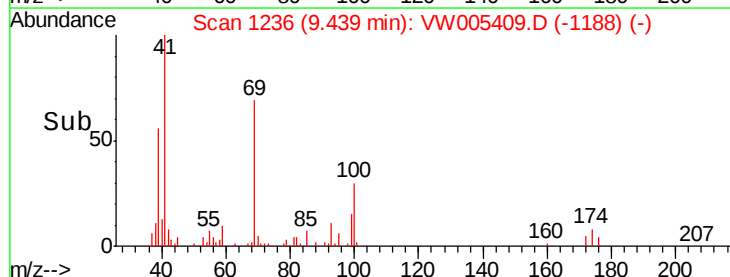
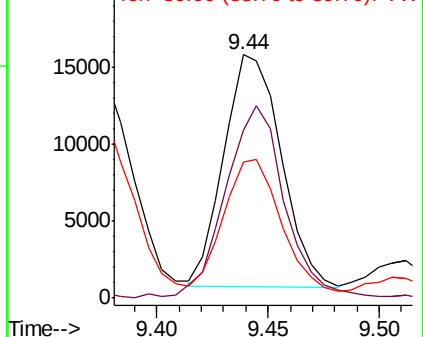
41 100

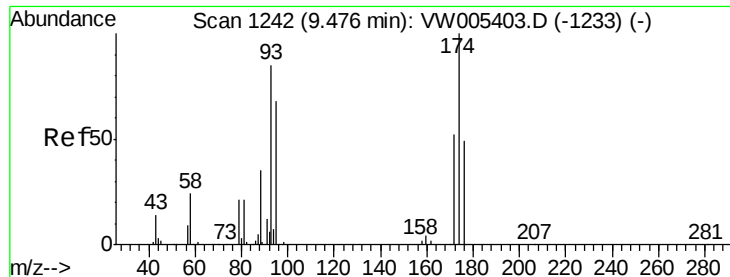
69 86.3 67.5 101.3

39 61.7 45.5 68.3



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

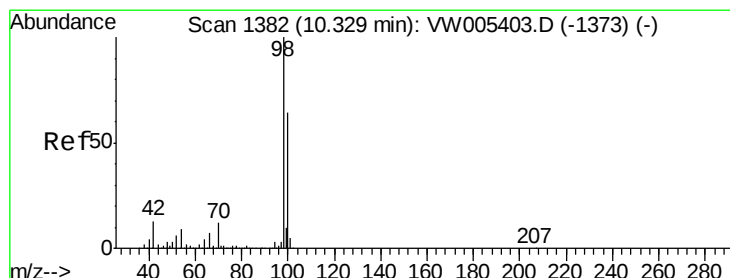
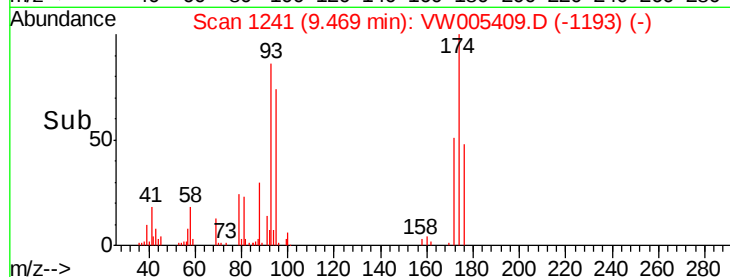
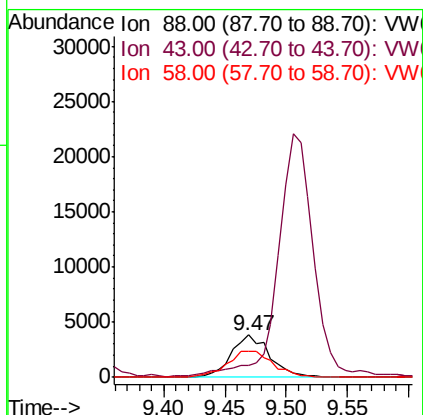
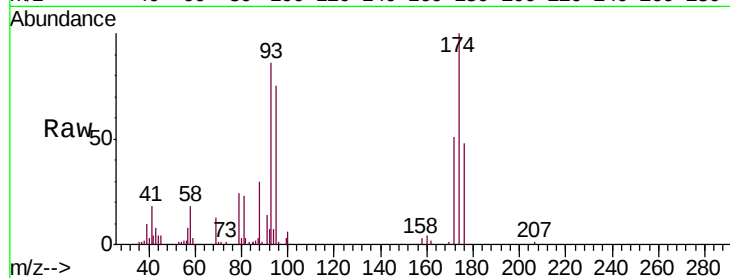




#49
1,4-Dioxane
Concen: 452.768 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

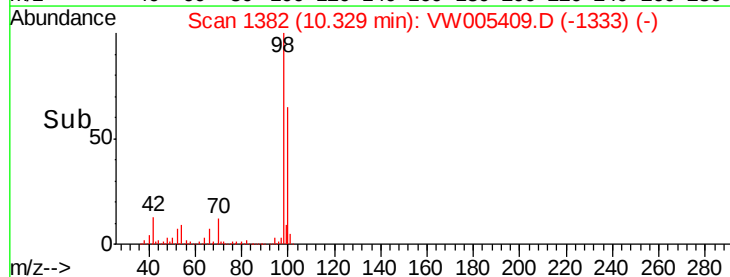
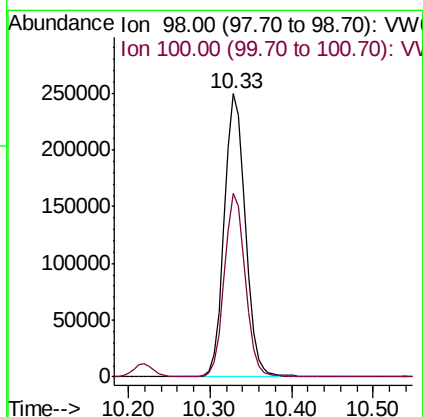
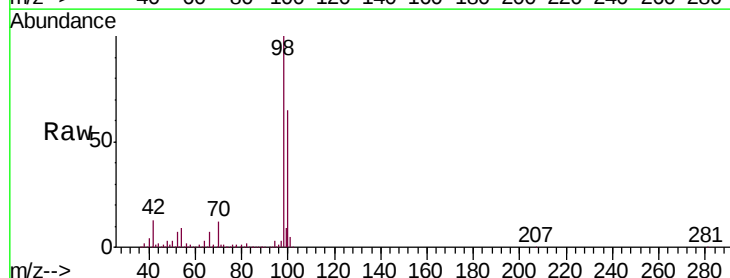
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

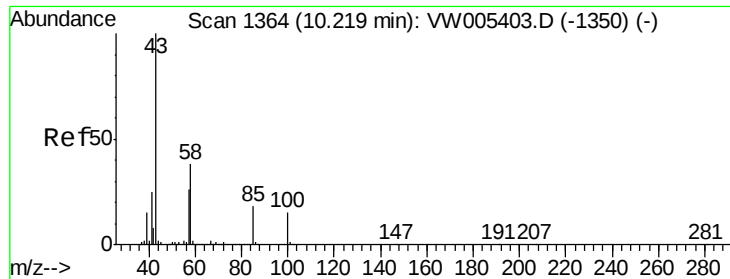
Tgt Ion: 88 Resp: 8316
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.1 62.4 93.6



#50
Toluene-d8
Concen: 50.677 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 98 Resp: 445032
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

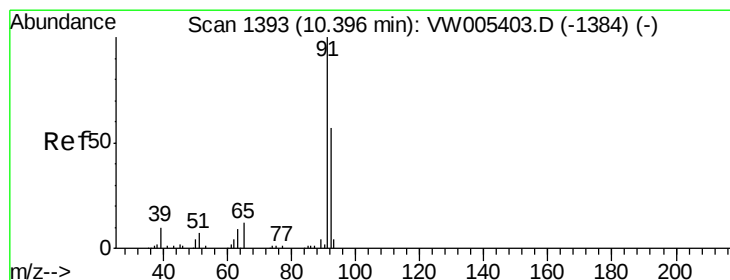
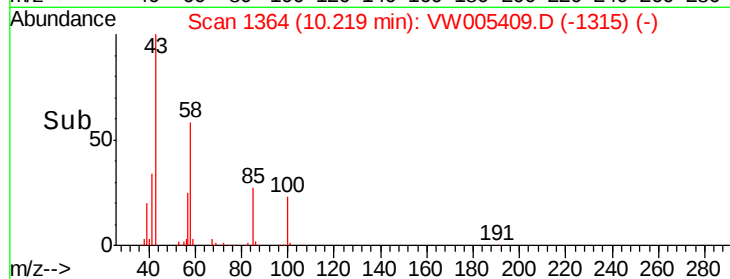
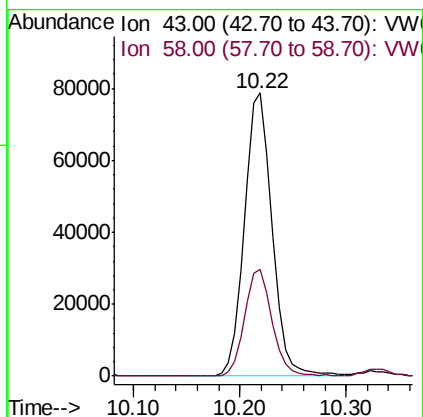
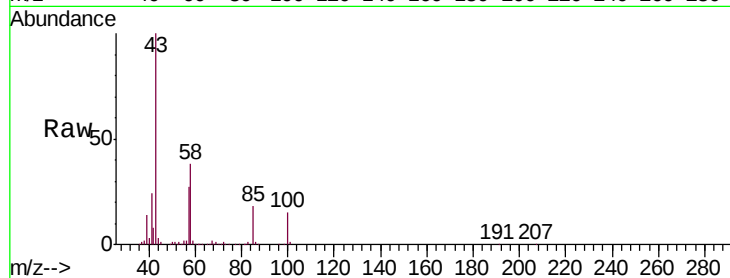




#51
 4-Methyl-2-Pentanone
 Concen: 108.937 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

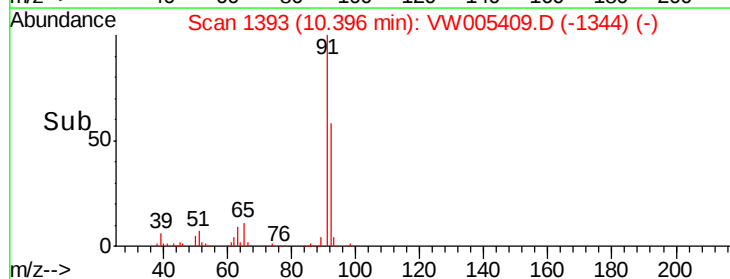
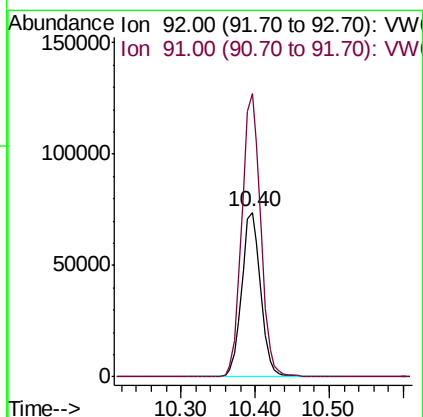
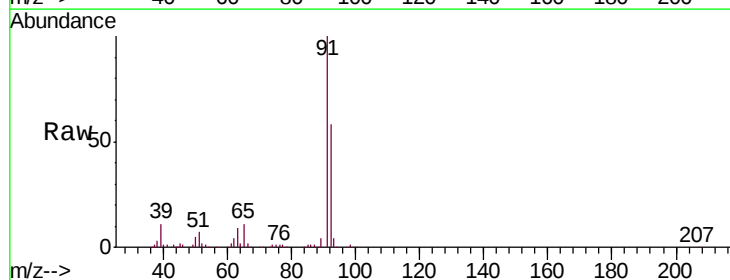
Instrument :
 MSVOA_W
 ClientSampled :
 VW0916SBS01

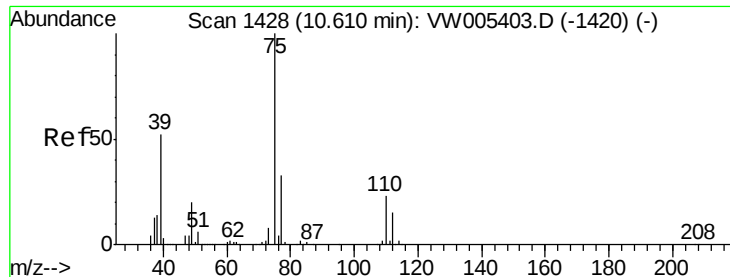
Tgt Ion: 43 Resp: 144058
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.9 44.9



#52
 Toluene
 Concen: 20.883 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion: 92 Resp: 132600
 Ion Ratio Lower Upper
 92 100
 91 171.3 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 20.820 ug/l

RT: 10.62 min Scan# 1429

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

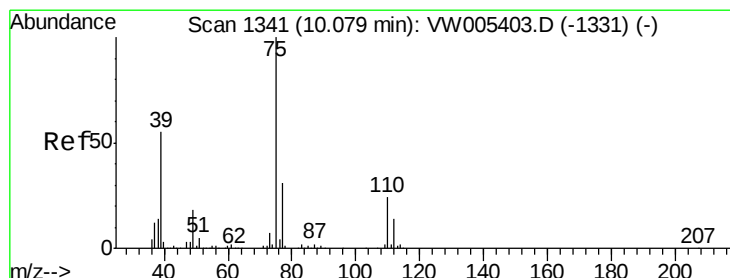
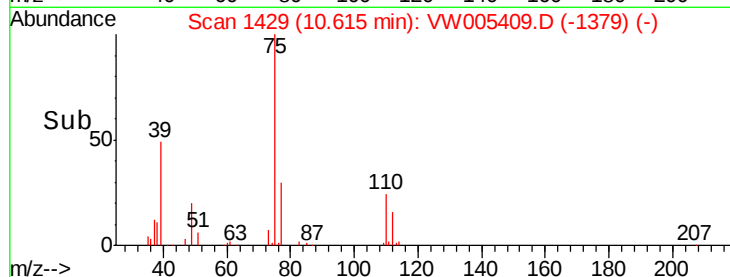
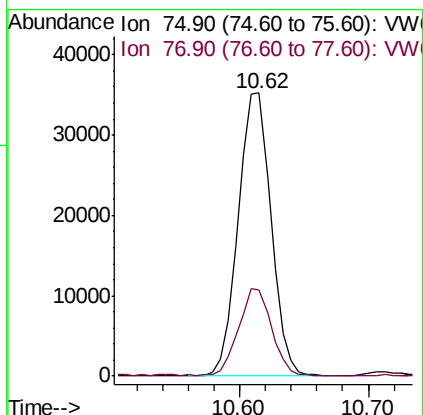
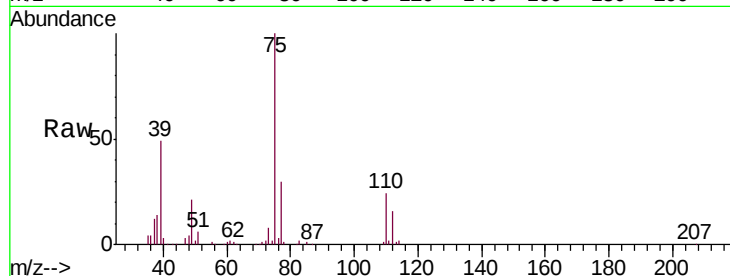
VW0916SBS01

Tgt Ion: 75 Resp: 62213

Ion Ratio Lower Upper

75 100

77 30.2 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 21.182 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

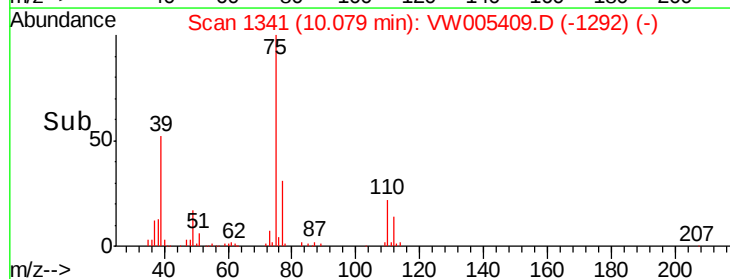
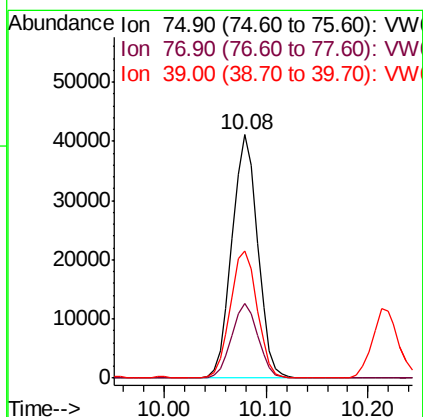
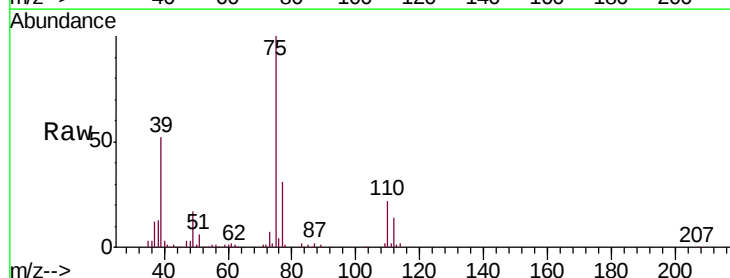
Tgt Ion: 75 Resp: 71663

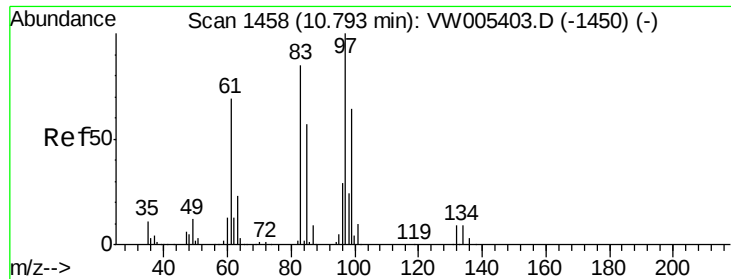
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4

39 52.1 44.2 66.2

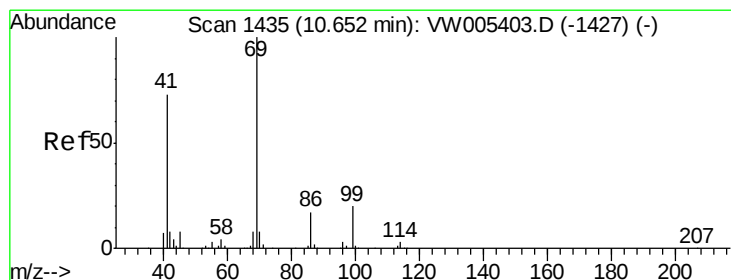
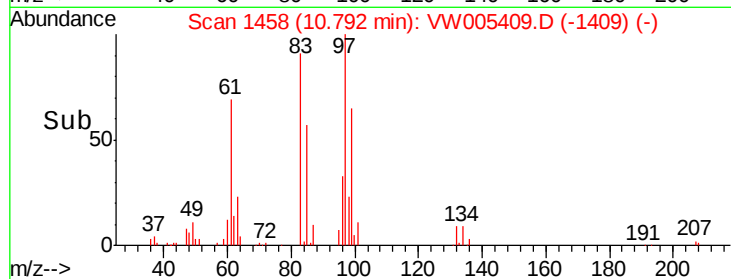
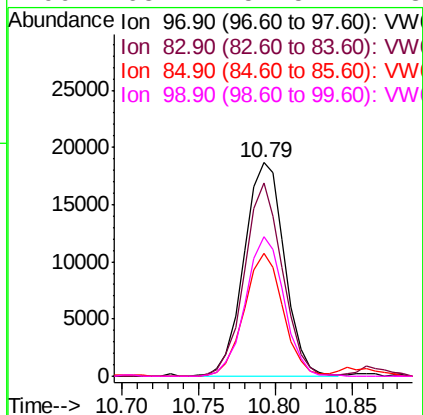
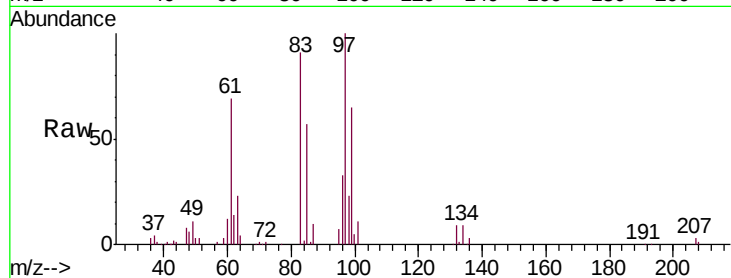




#55
 1,1,2-Trichloroethane
 Concen: 20.962 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

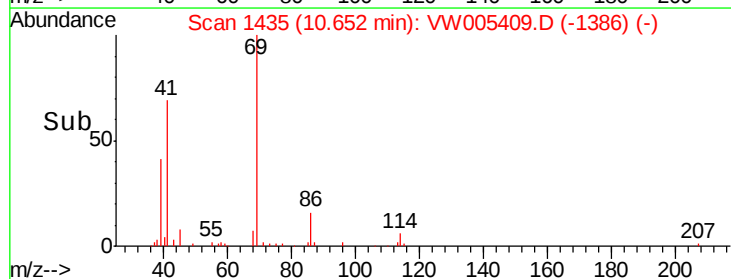
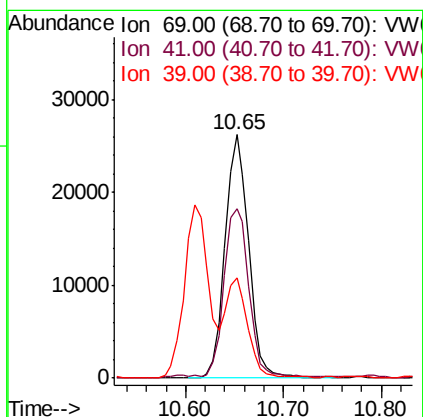
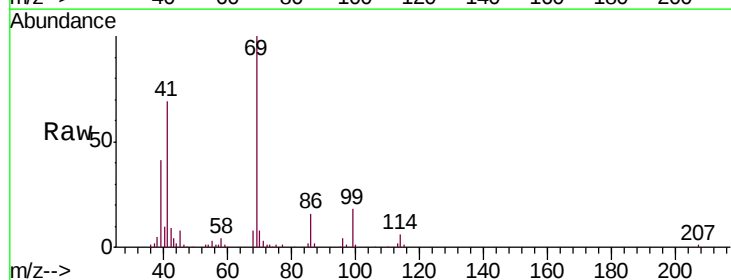
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

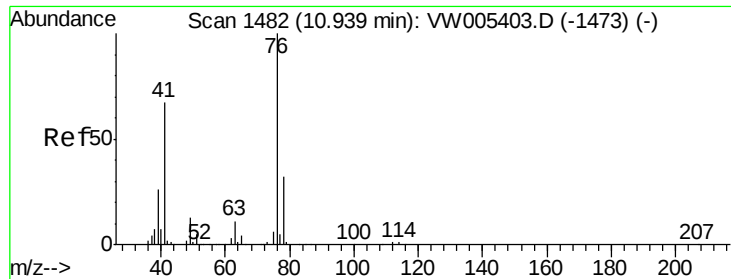
Tgt Ion:	97	Resp:	34333
Ion	Ratio	Lower	Upper
97	100		
83	90.5	67.8	101.8
85	57.4	45.4	68.0
99	65.4	51.5	77.3



#56
 Ethyl methacrylate
 Concen: 21.130 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion:	69	Resp:	43804
Ion	Ratio	Lower	Upper
69	100		
41	72.9	59.3	88.9
39	37.9	30.2	45.4





#57

1,3-Dichloropropane

Concen: 21.105 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

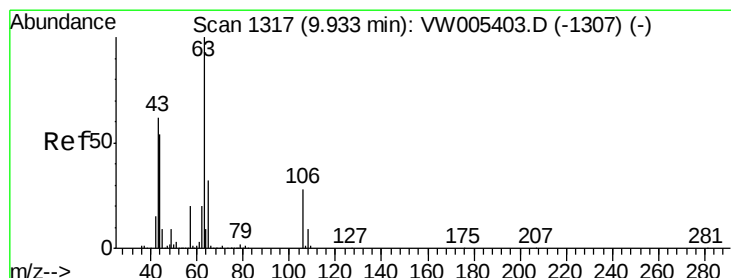
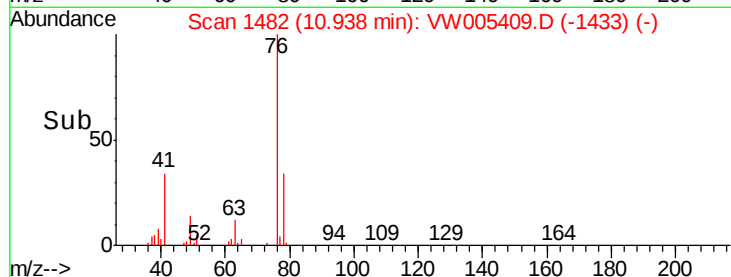
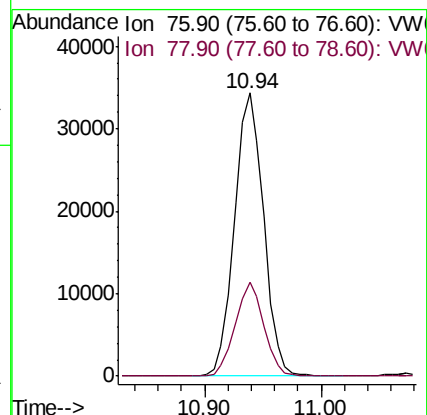
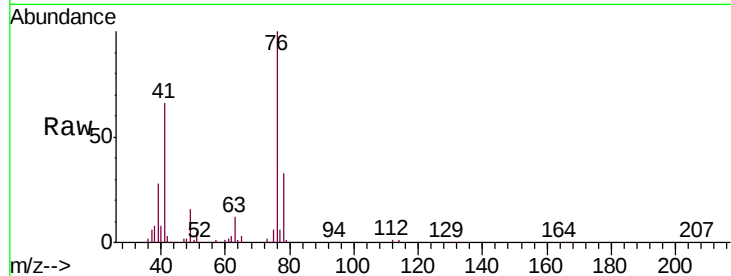
VW0916SBS01

Tgt Ion: 76 Resp: 59665

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 112.681 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005409.D

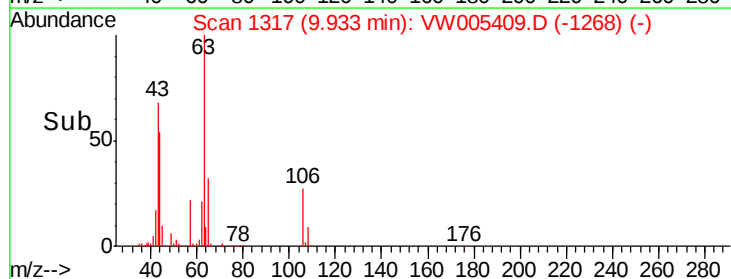
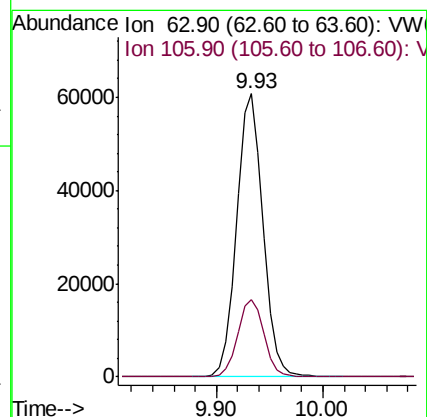
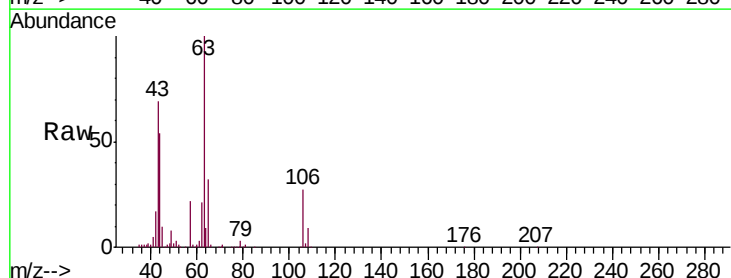
Acq: 15 Sep 2018 03:29

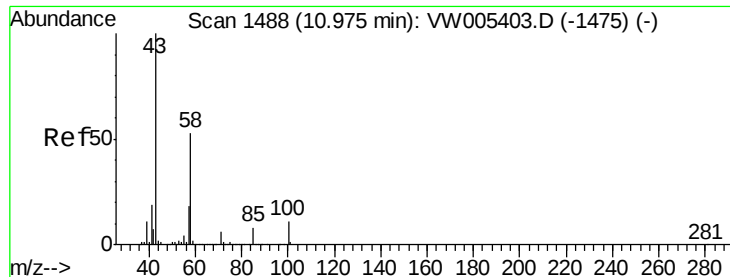
Tgt Ion: 63 Resp: 105654

Ion Ratio Lower Upper

63 100

106 27.4 22.0 33.0

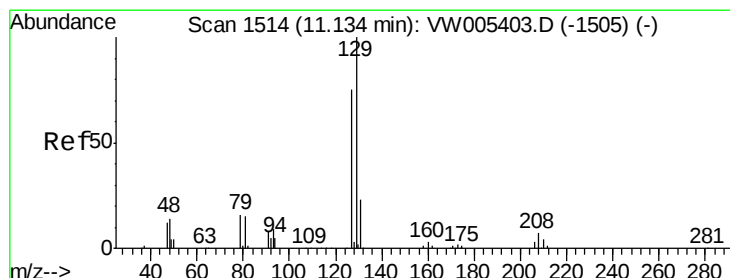
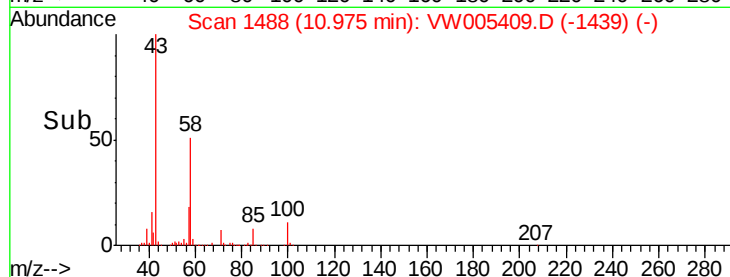
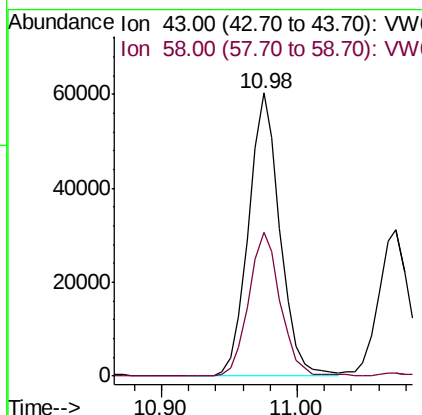
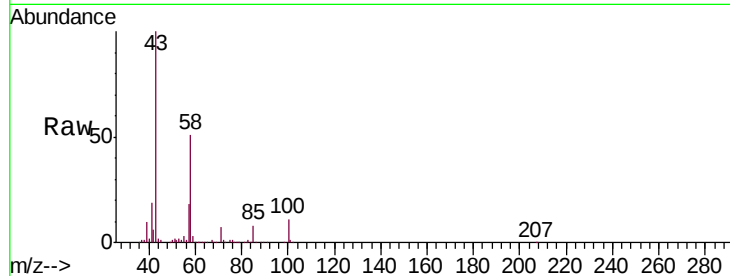




#59
2-Hexanone
Concen: 108.572 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

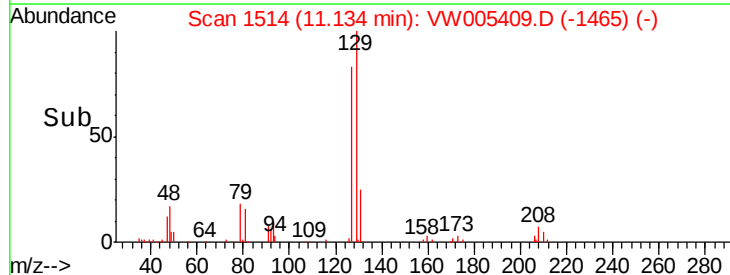
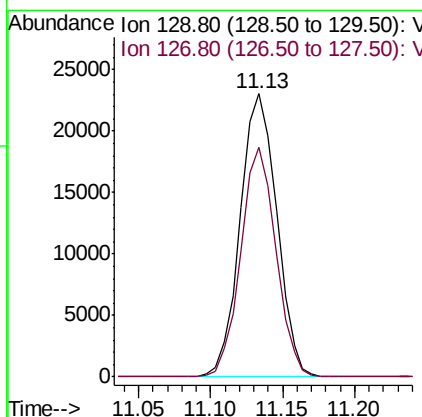
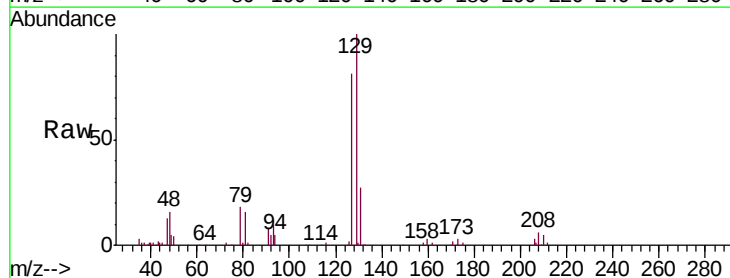
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

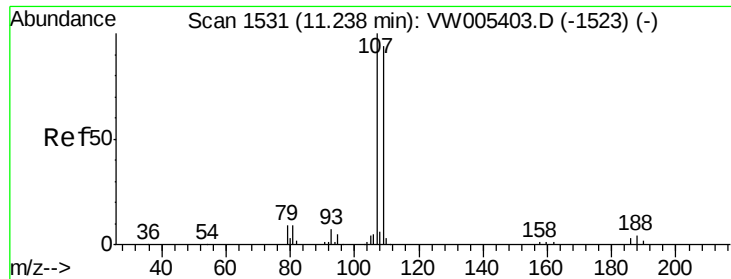
Tgt Ion: 43 Resp: 97799
Ion Ratio Lower Upper
43 100
58 51.2 25.5 76.5



#60
Dibromochloromethane
Concen: 20.653 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 129 Resp: 40699
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3

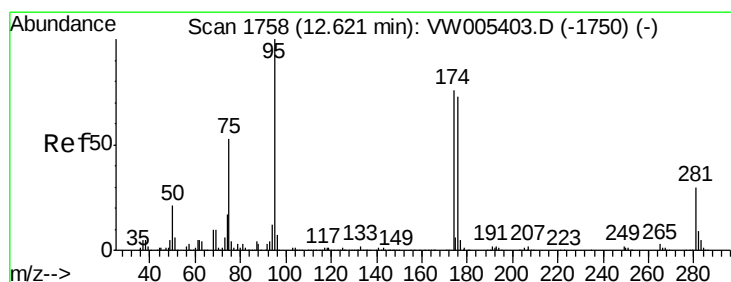
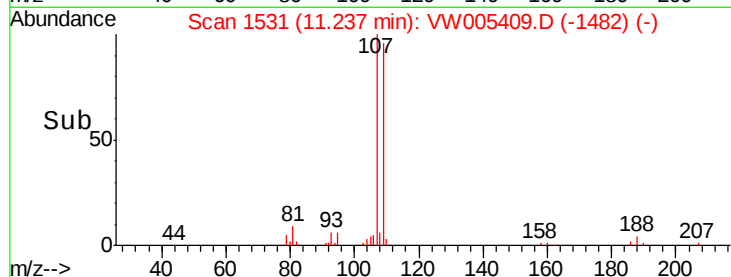
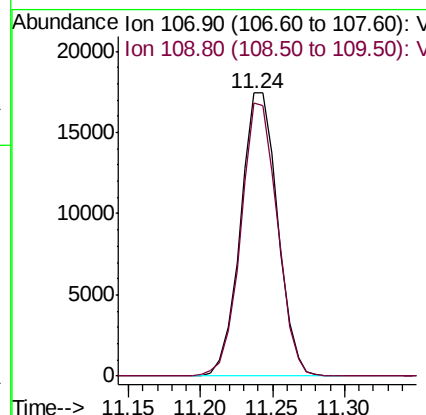
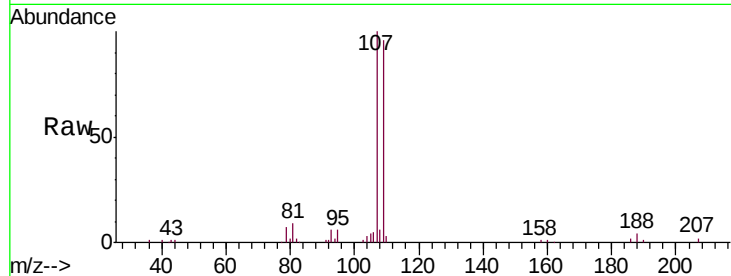




#61
 1,2-Dibromoethane
 Concen: 21.117 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

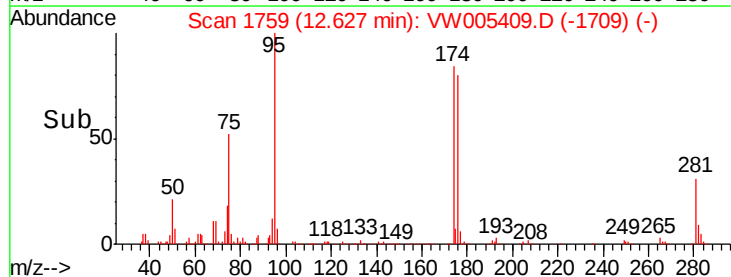
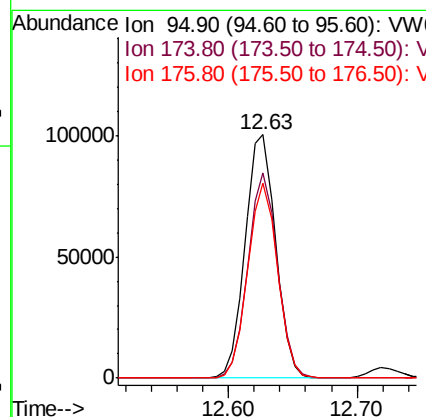
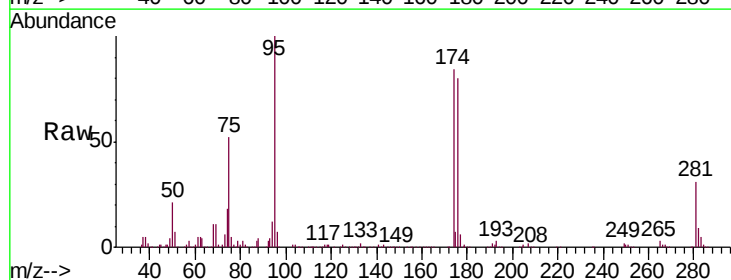
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

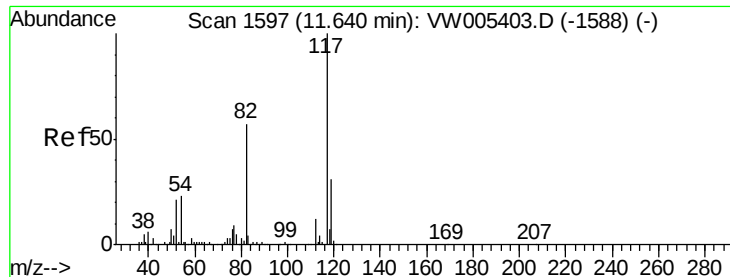
Tgt Ion: 107 Resp: 31019
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.935 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion: 95 Resp: 164011
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 161.2
 176 78.1 0.0 156.6

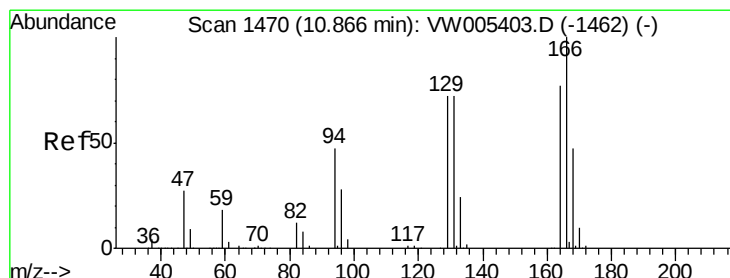
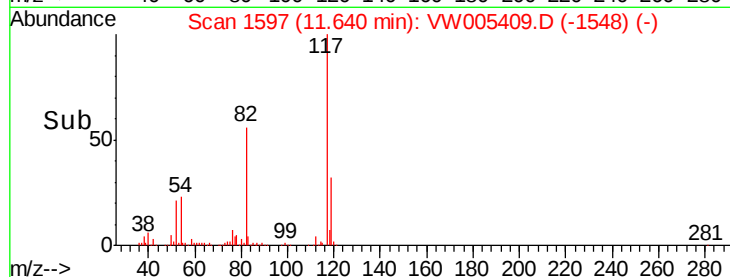
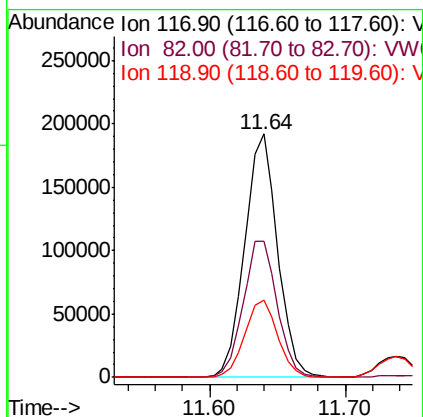
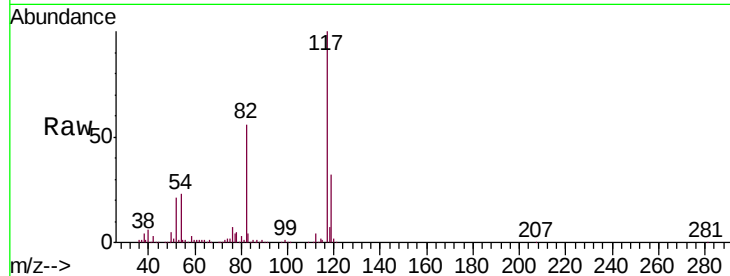




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

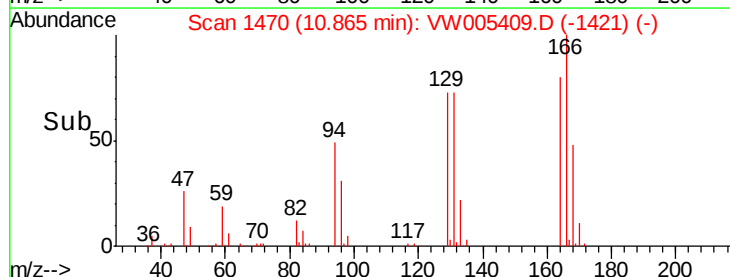
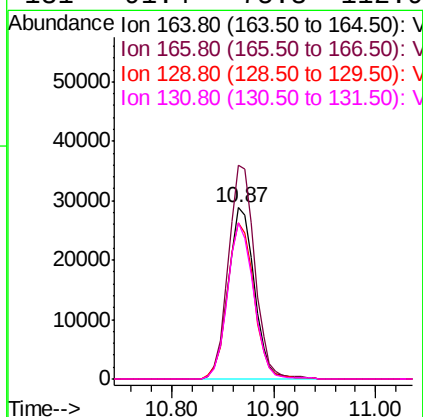
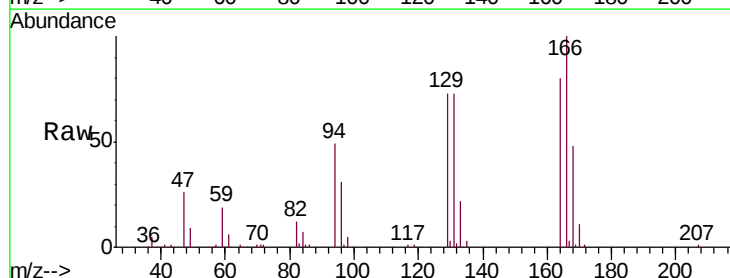
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

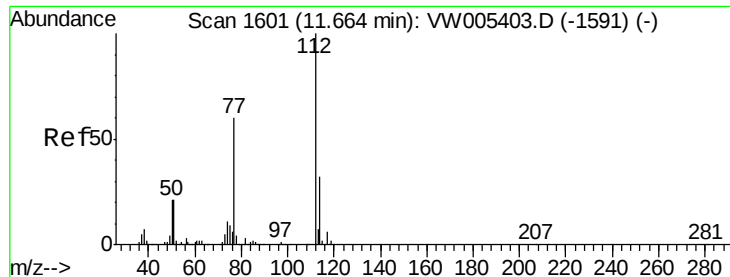
Tgt Ion:117 Resp: 324148
Ion Ratio Lower Upper
117 100
82 55.8 45.9 68.9
119 31.7 24.8 37.2



#64
Tetrachloroethene
Concen: 21.301 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion:164 Resp: 51029
Ion Ratio Lower Upper
164 100
166 124.6 104.0 156.0
129 91.5 74.9 112.3
131 91.4 75.3 112.9

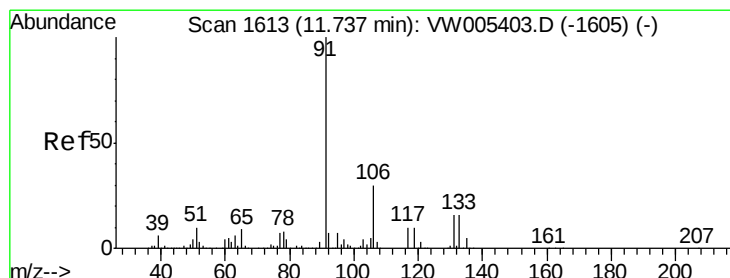
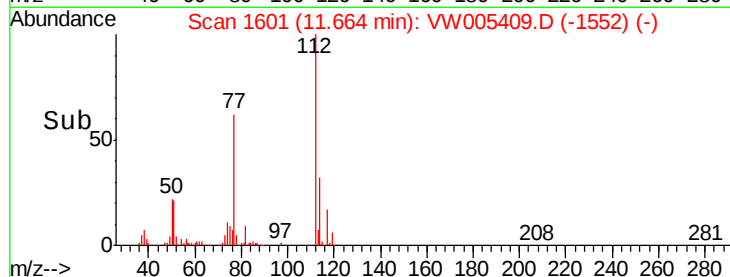
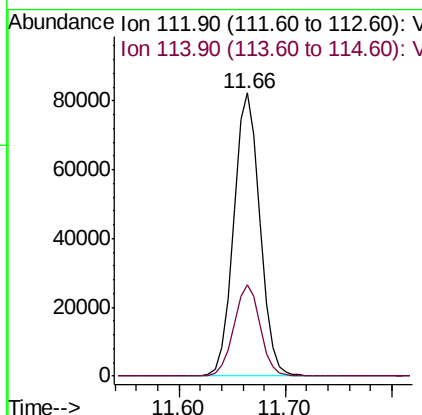
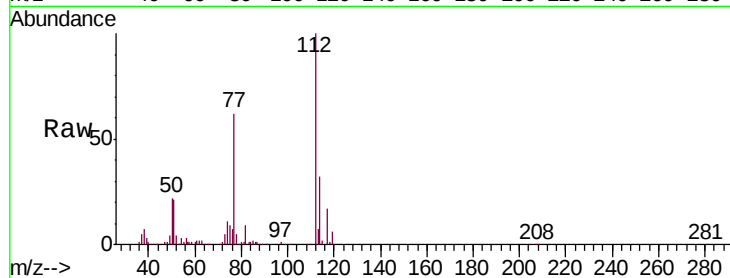




#65
Chlorobenzene
Concen: 20.630 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

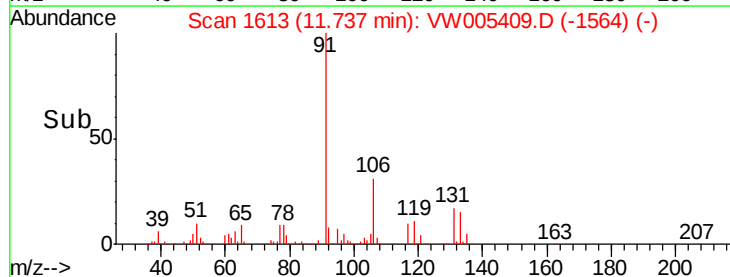
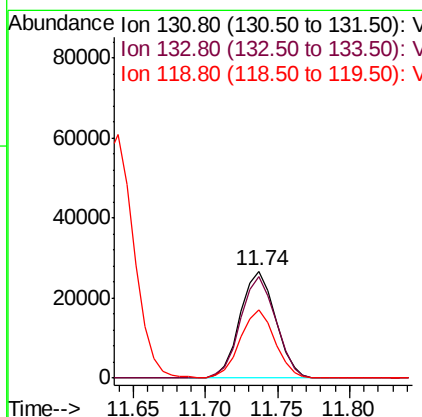
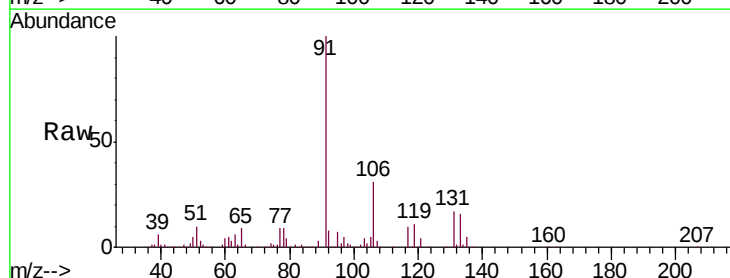
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

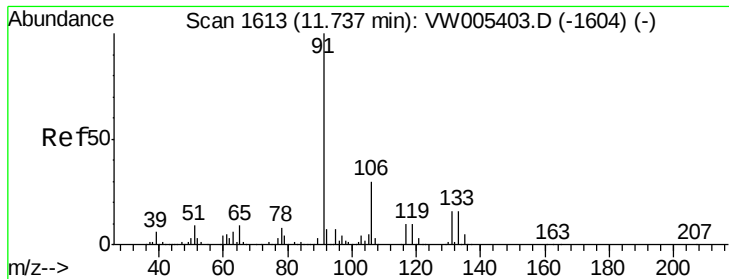
Tgt Ion:112 Resp: 141922
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.873 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion:131 Resp: 45896
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.9
119 62.3 31.1 93.5

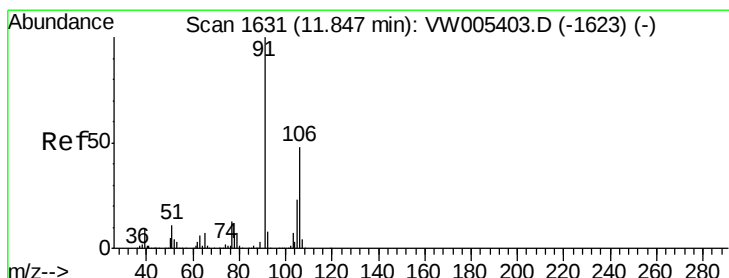
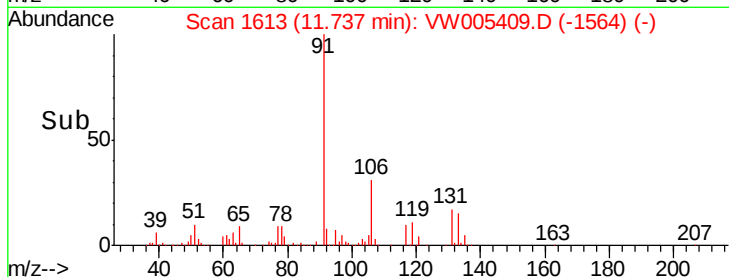
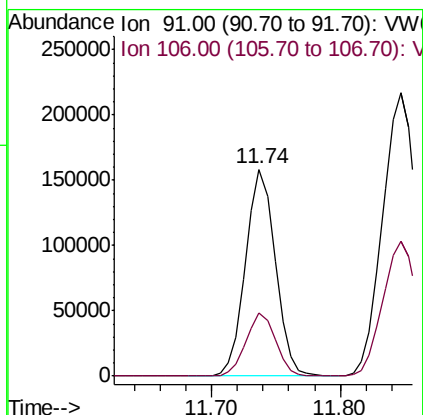
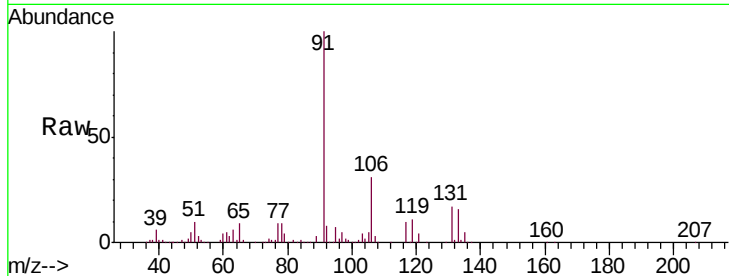




#67
Ethyl Benzene
Concen: 20.975 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

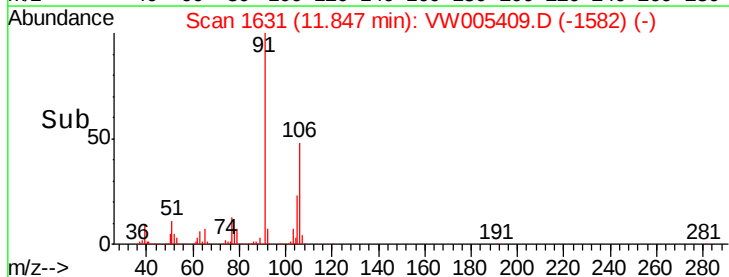
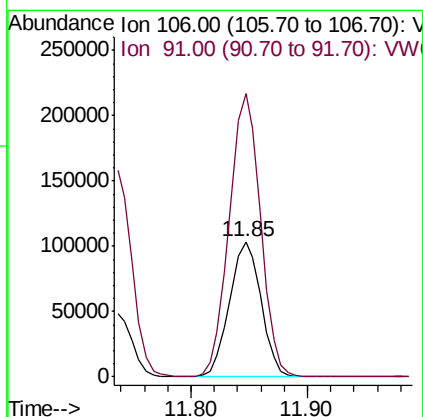
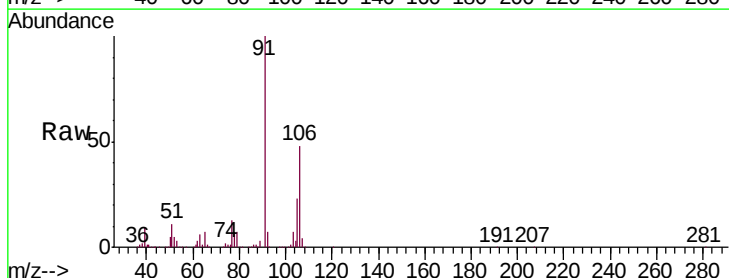
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

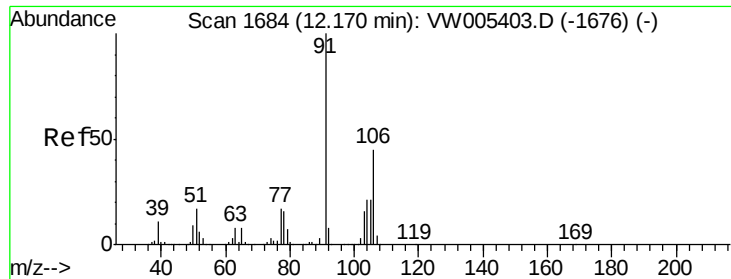
Tgt Ion: 91 Resp: 253766
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#68
m/p-Xylenes
Concen: 41.881 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 106 Resp: 195008
Ion Ratio Lower Upper
106 100
91 208.4 167.9 251.9

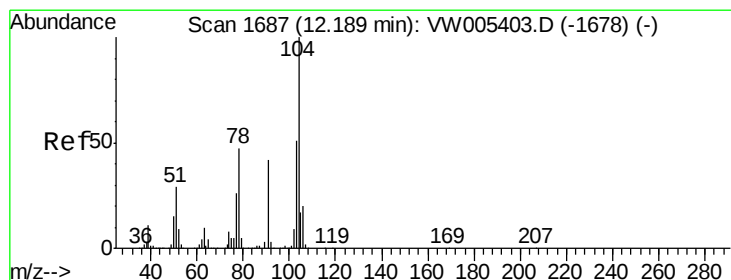
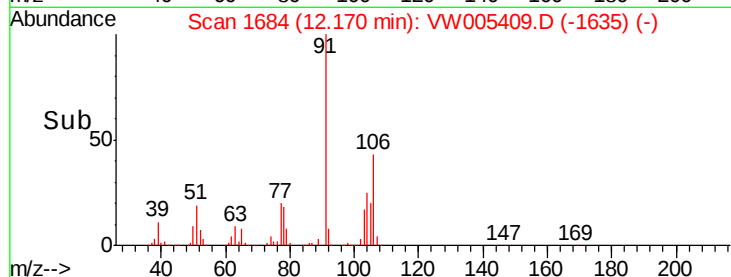
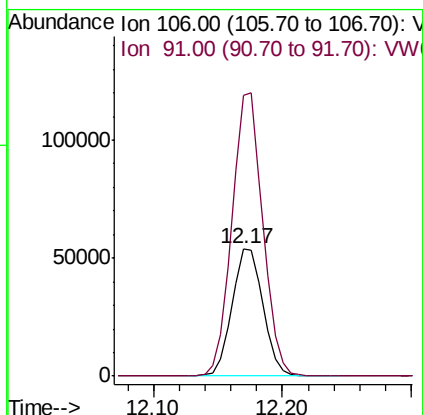
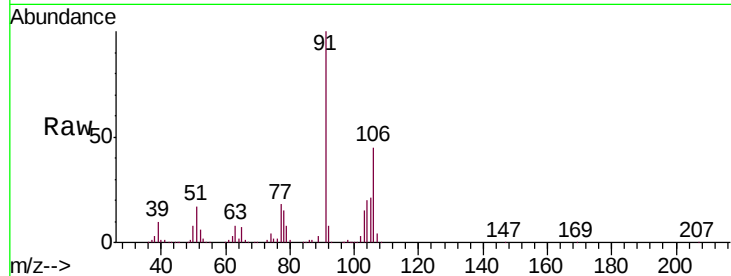




#69
o-Xylene
Concen: 20.831 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

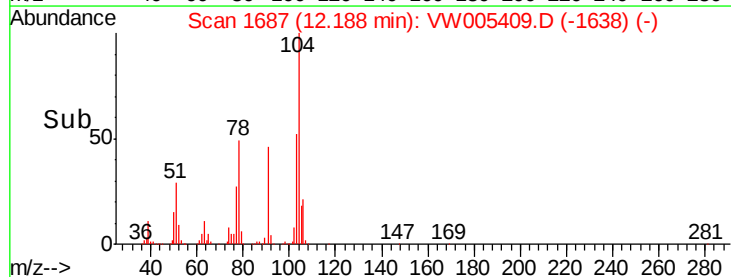
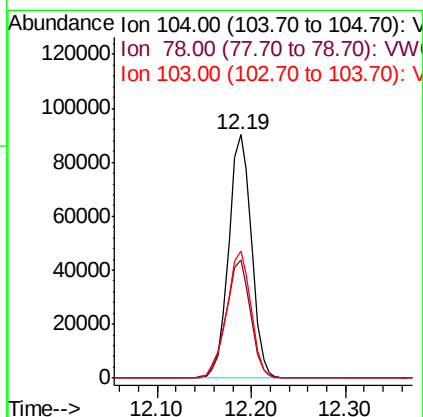
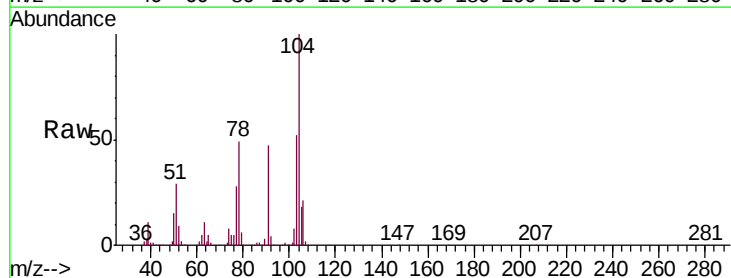
Instrument :
MSVOA_W
ClientSampled :
VW0916SBS01

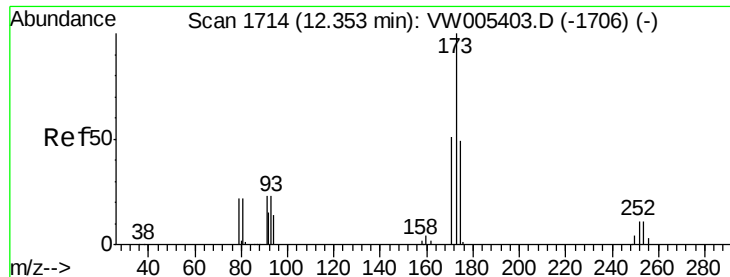
Tgt Ion:106 Resp: 90322
Ion Ratio Lower Upper
106 100
91 221.2 110.6 331.6



#70
Styrene
Concen: 21.165 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion:104 Resp: 151450
Ion Ratio Lower Upper
104 100
78 52.6 42.4 63.6
103 55.6 44.8 67.2

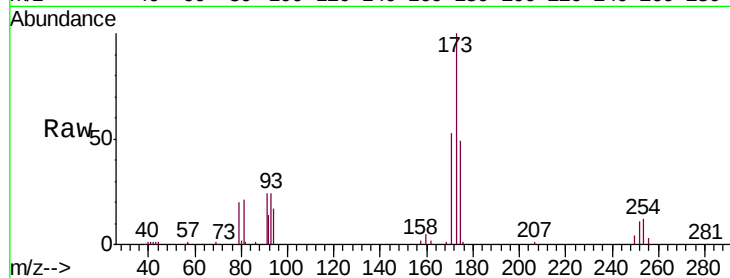




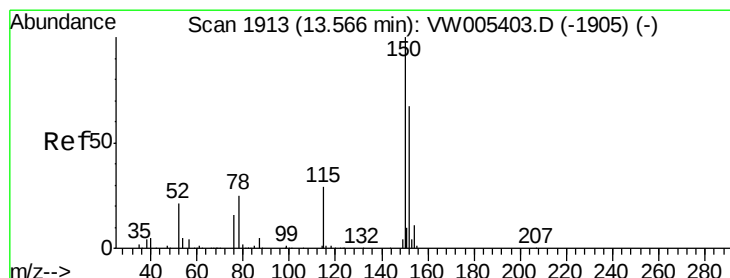
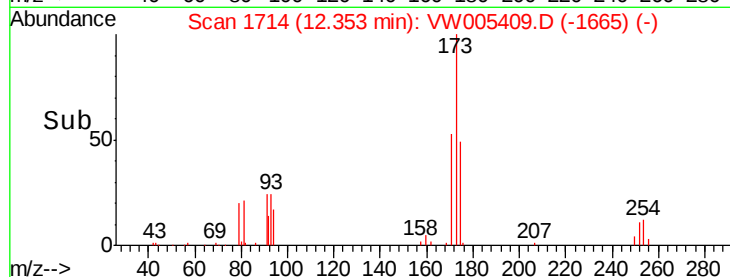
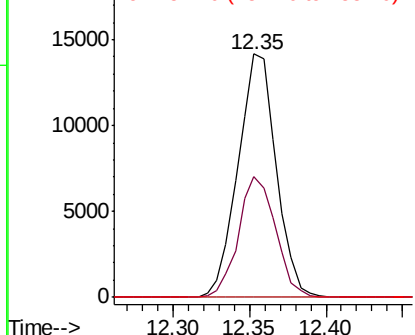
#71
Bromoform
Concen: 21.082 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tgt Ion:173 Resp: 24523
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

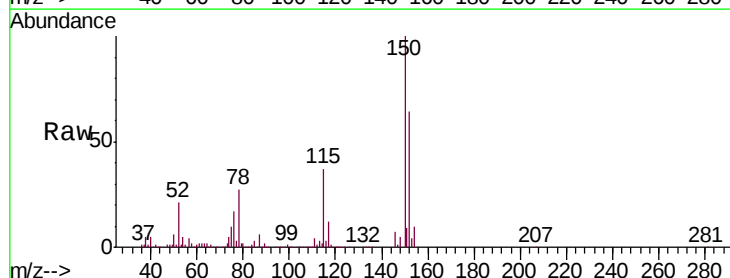


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

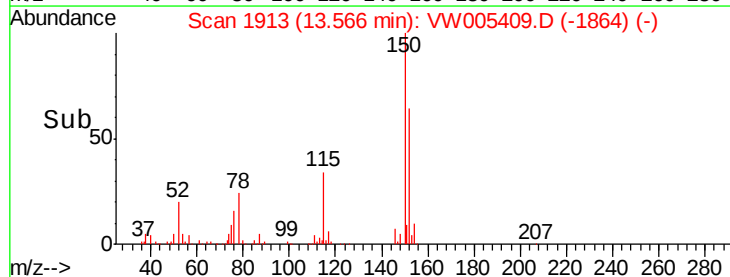
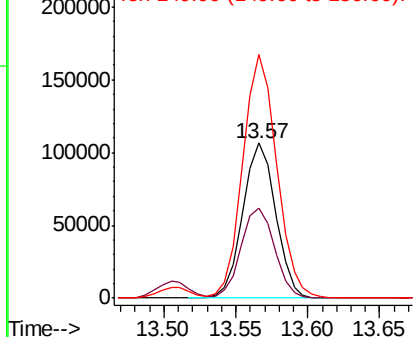


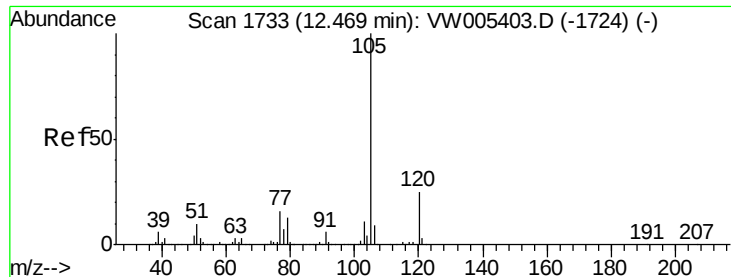
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion:152 Resp: 168356
Ion Ratio Lower Upper
152 100
115 59.5 29.5 88.5
150 161.9 0.0 345.6



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





#73

Isopropylbenzene

Concen: 21.064 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

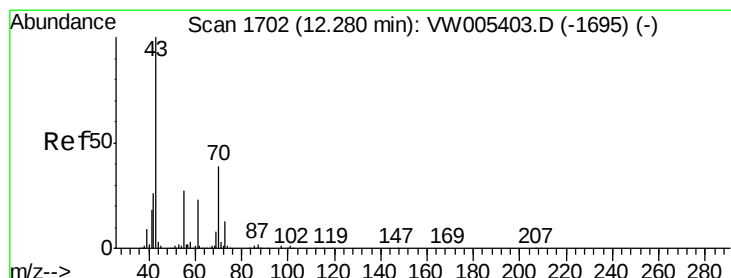
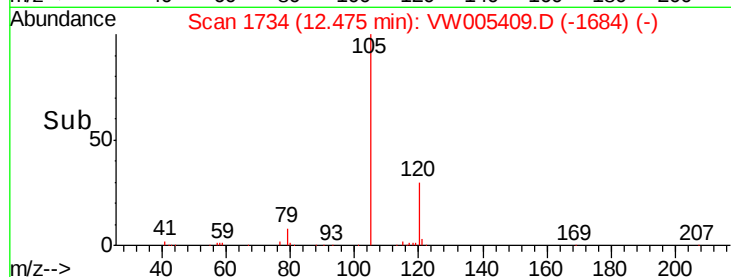
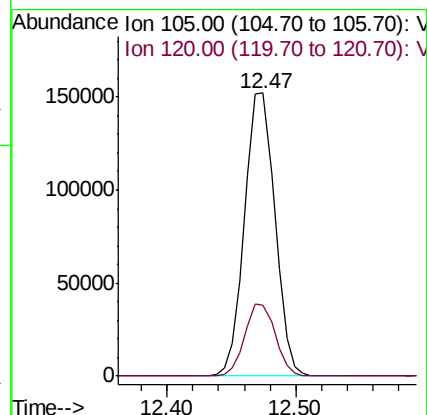
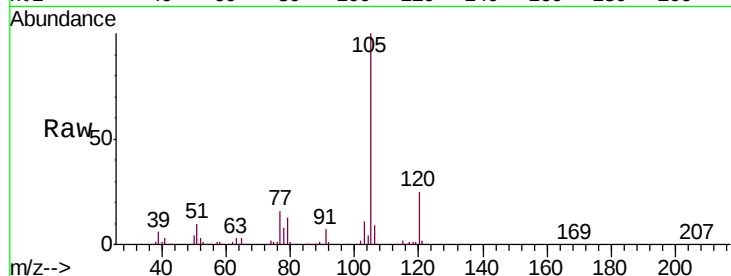
VW0916SBS01

Tgt Ion: 105 Resp: 248797

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 21.330 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion: 43 Resp: 53089

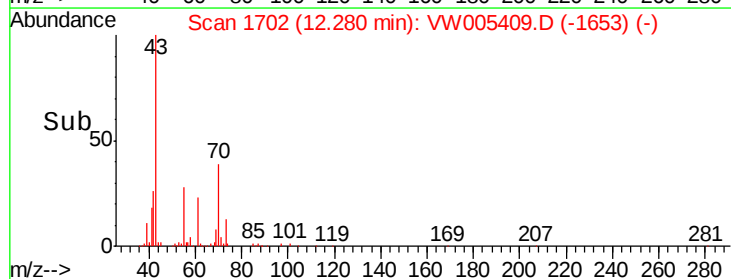
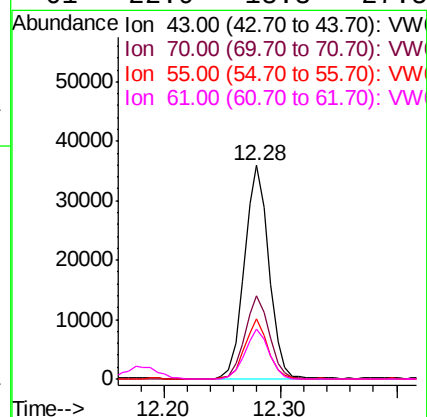
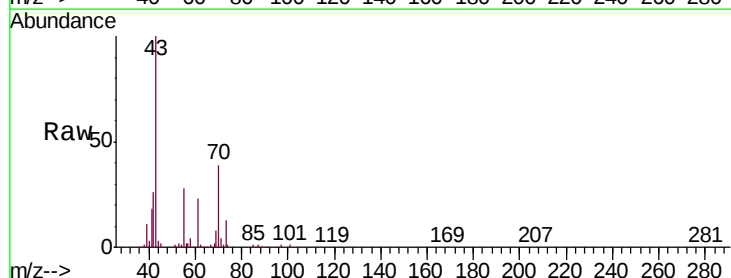
Ion Ratio Lower Upper

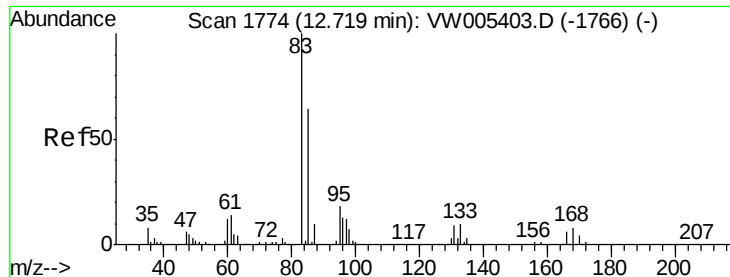
43 100

70 38.9 31.9 47.9

55 26.7 21.4 32.0

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.811 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

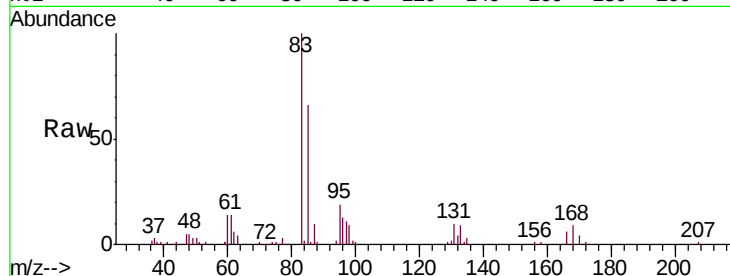
Tgt Ion: 83 Resp: 37582

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

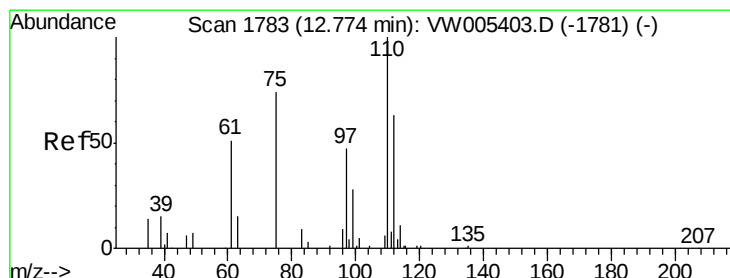
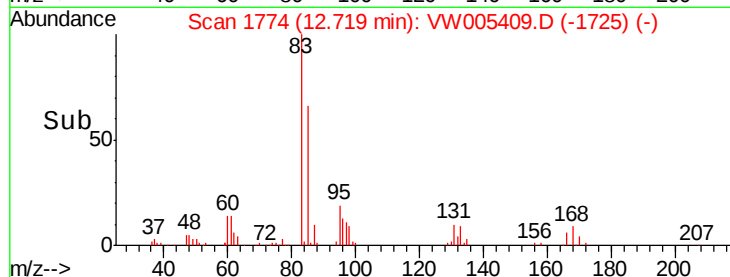
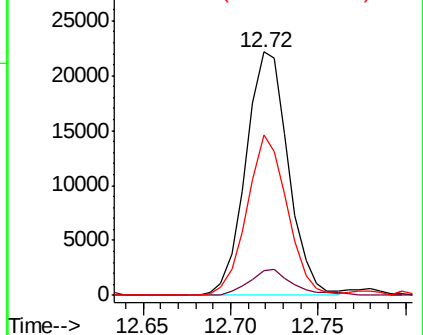
85 62.5 31.6 95.0



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: 39.542 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005409.D

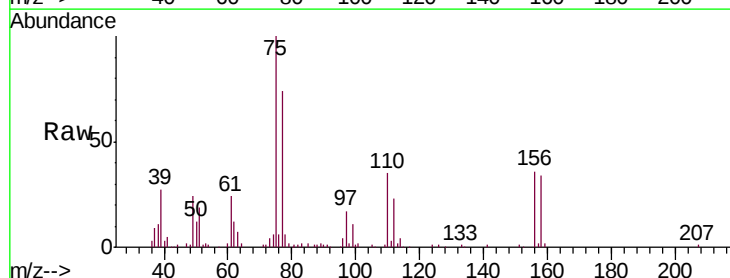
Acq: 15 Sep 2018 03:29

Tgt Ion: 75 Resp: 54753

Ion Ratio Lower Upper

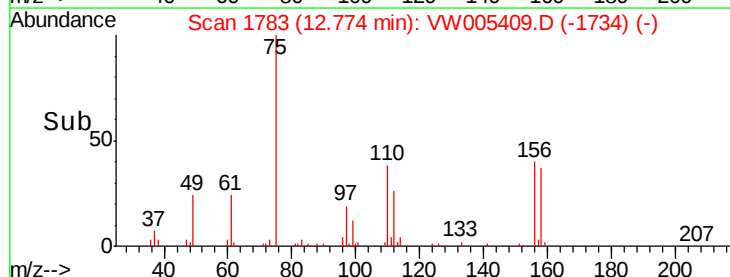
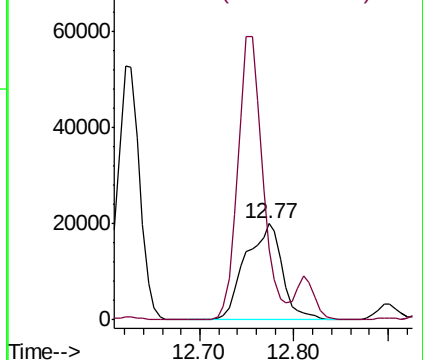
75 100

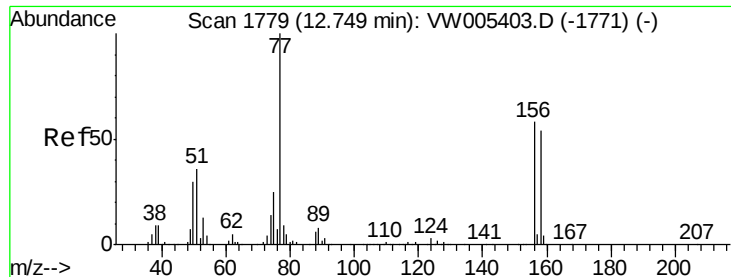
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.819 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

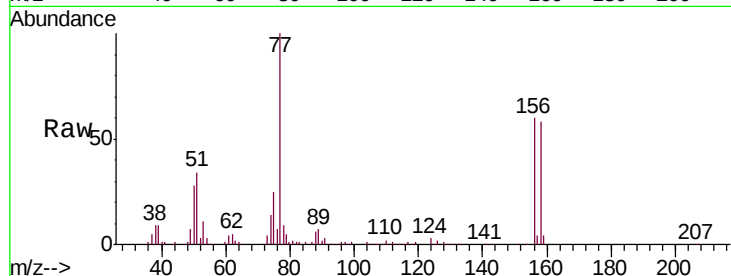
Tgt Ion:156 Resp: 58136

Ion Ratio Lower Upper

156 100

77 187.1 92.8 278.3

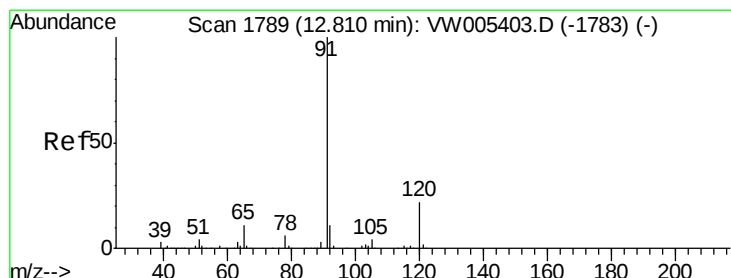
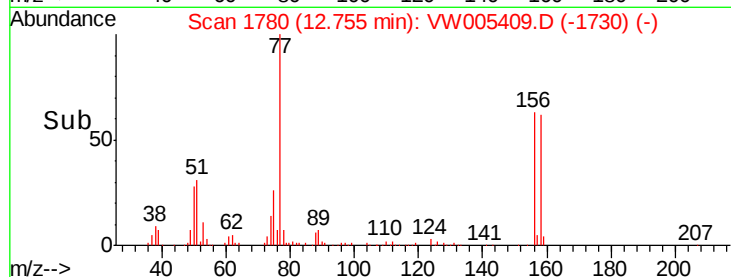
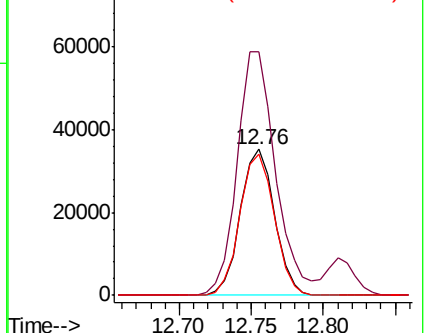
158 97.6 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.943 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005409.D

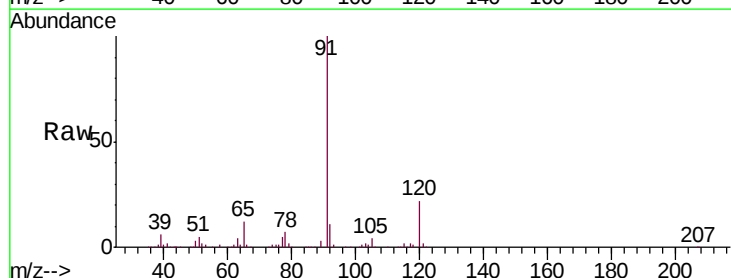
Acq: 15 Sep 2018 03:29

Tgt Ion: 91 Resp: 298532

Ion Ratio Lower Upper

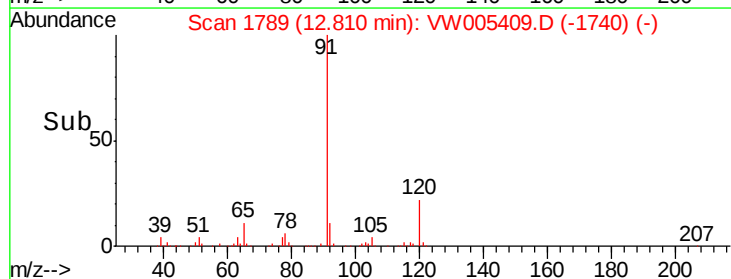
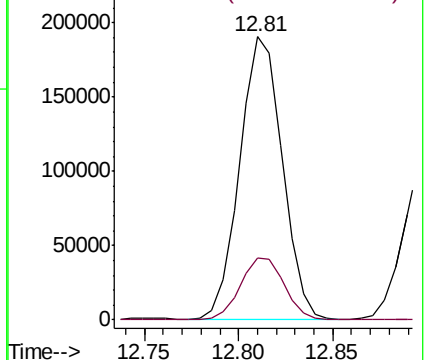
91 100

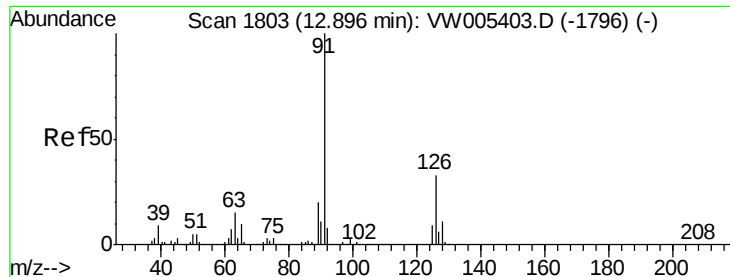
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.891 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

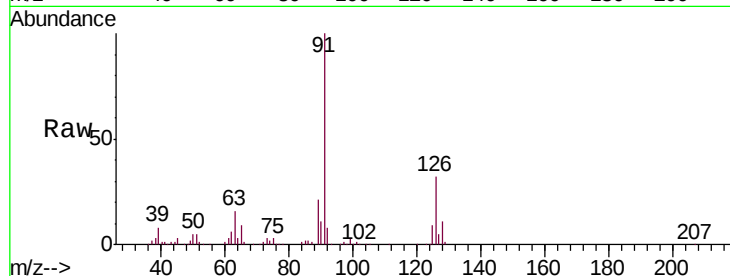
VW0916SBS01

Tgt Ion: 91 Resp: 175691

Ion Ratio Lower Upper

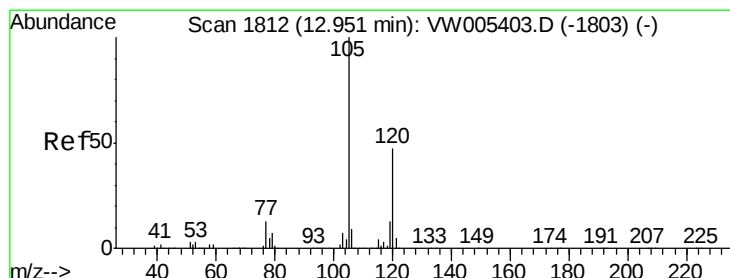
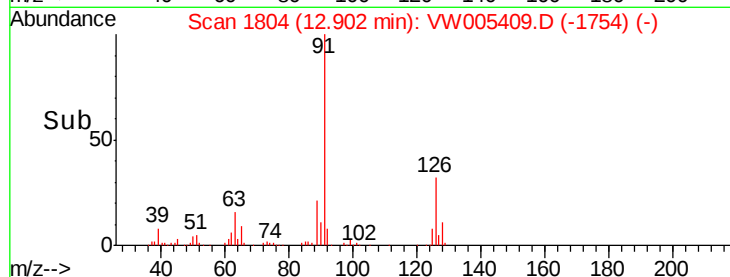
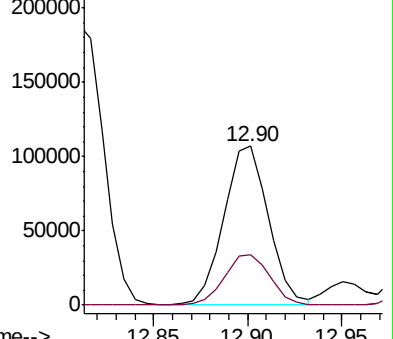
91 100

126 32.6 16.4 49.1



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: 21.157 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005409.D

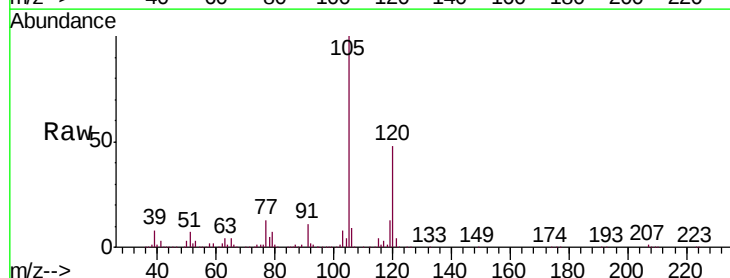
Acq: 15 Sep 2018 03:29

Tgt Ion: 105 Resp: 218041

Ion Ratio Lower Upper

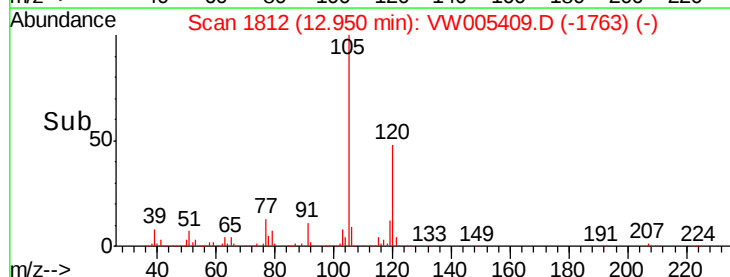
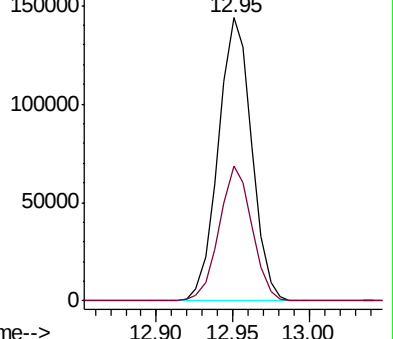
105 100

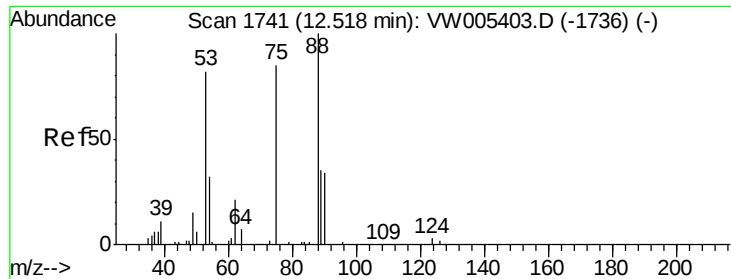
120 47.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

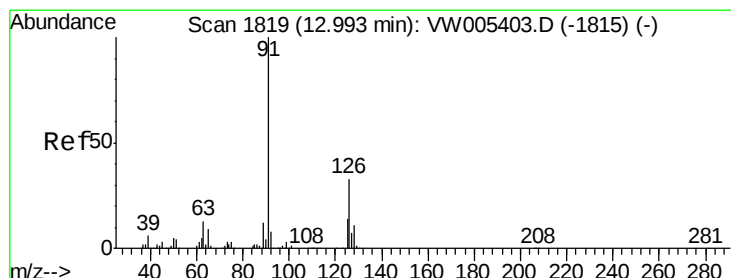
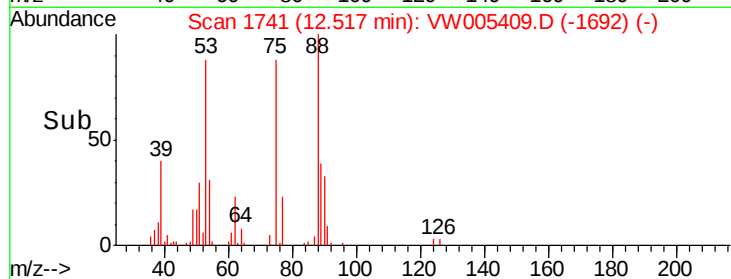
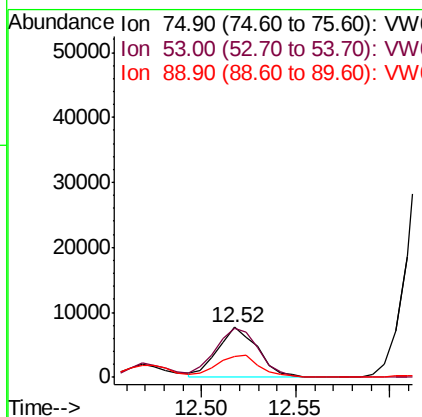
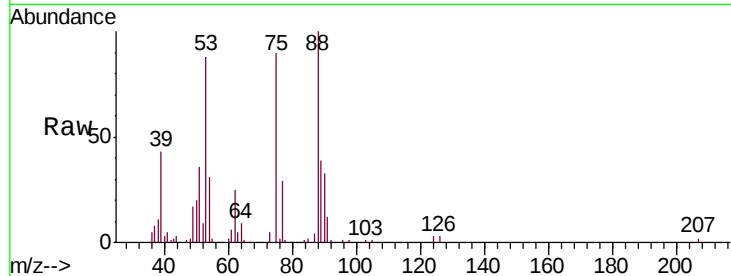




#81
trans-1,4-Dichloro-2-butene
Concen: 21.181 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

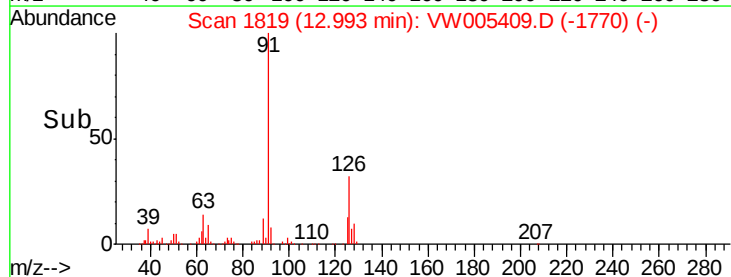
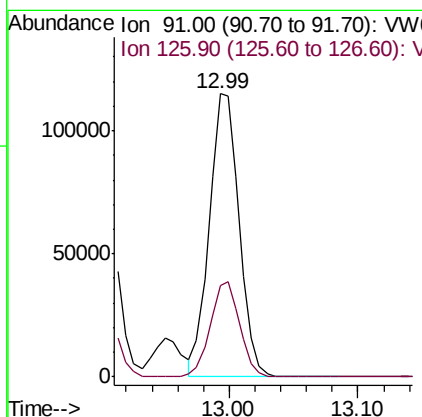
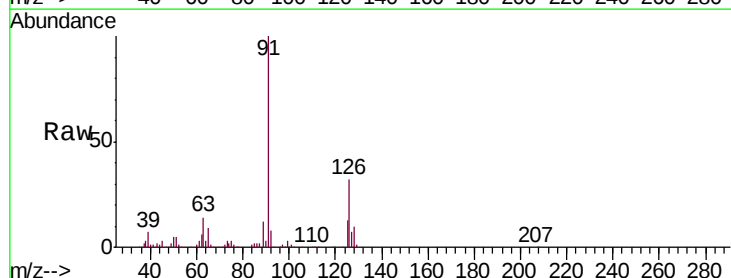
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

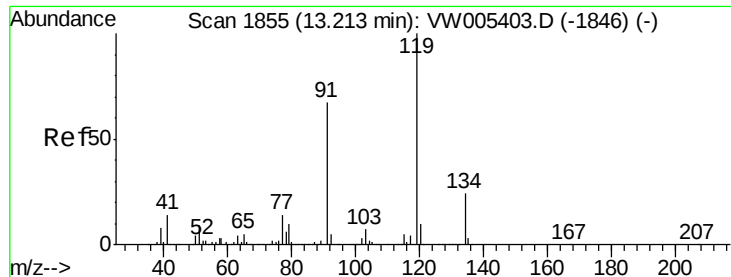
Tgt Ion: 75 Resp: 11306
Ion Ratio Lower Upper
75 100
53 107.8 83.2 124.8
89 48.0 36.6 54.8



#82
4-Chlorotoluene
Concen: 21.003 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 91 Resp: 186476
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.1

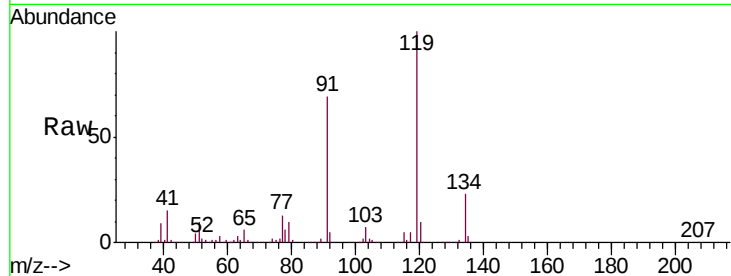




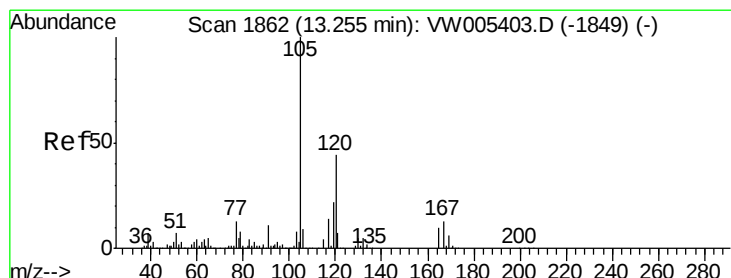
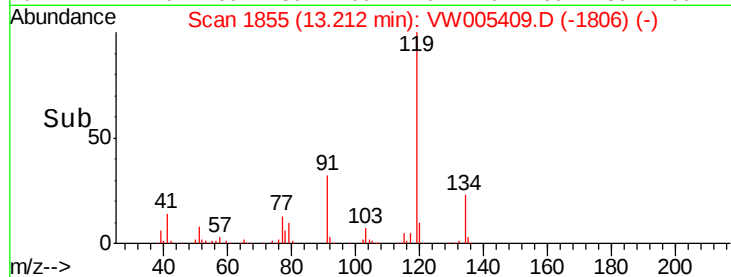
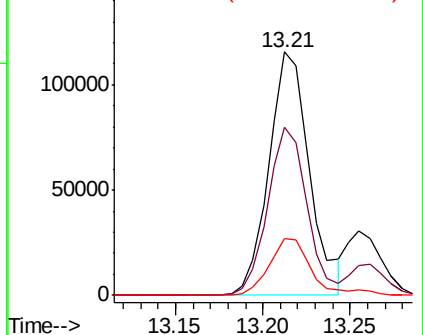
#83
 tert-Butylbenzene
 Concen: 21.888 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

Tgt Ion:119 Resp: 187366
 Ion Ratio Lower Upper
 119 100
 91 66.7 34.4 103.2
 134 24.5 12.7 38.0

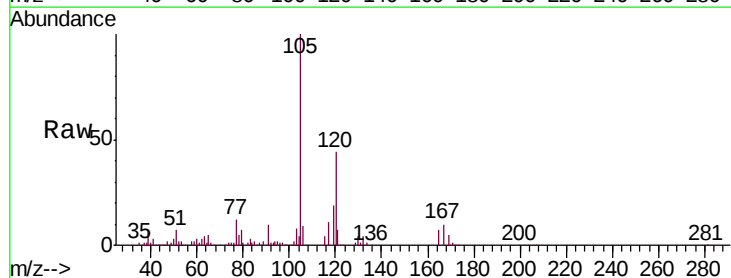


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

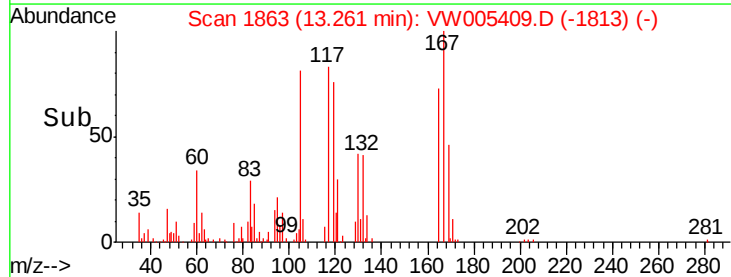
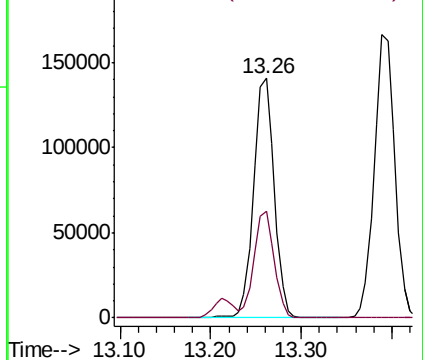


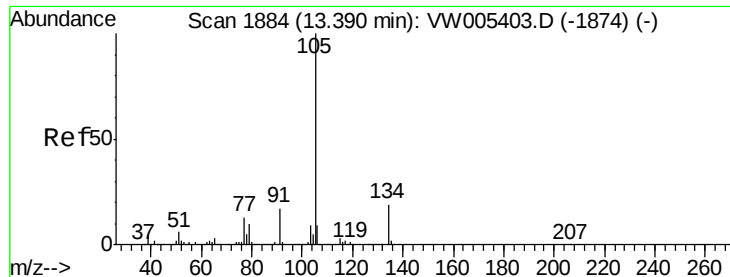
#84
 1,2,4-Trimethylbenzene
 Concen: 21.180 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion:105 Resp: 221615
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3



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





#85

sec-Butylbenzene

Concen: 21.039 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

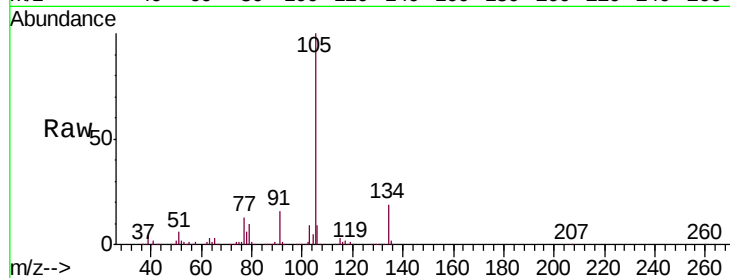
VW0916SBS01

Tgt Ion:105 Resp: 260219

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

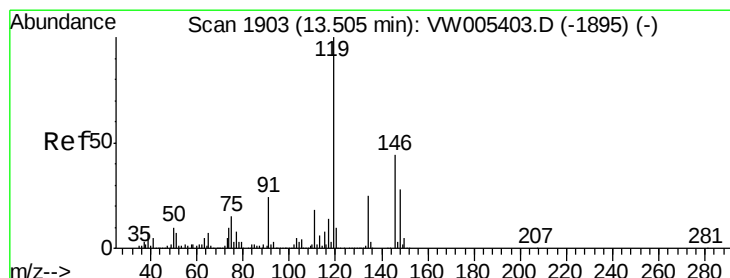
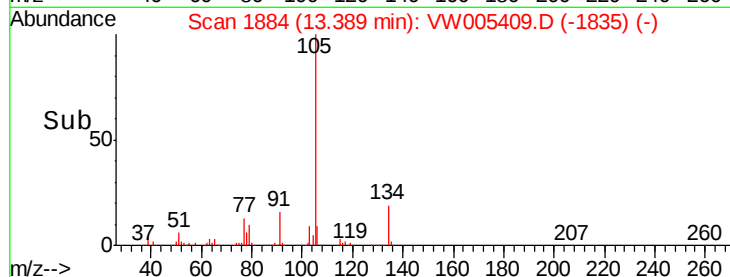
150000

100000

50000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 20.817 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

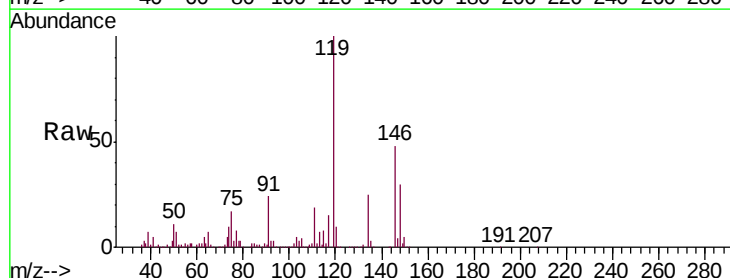
Tgt Ion:119 Resp: 230254

Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 24.6 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

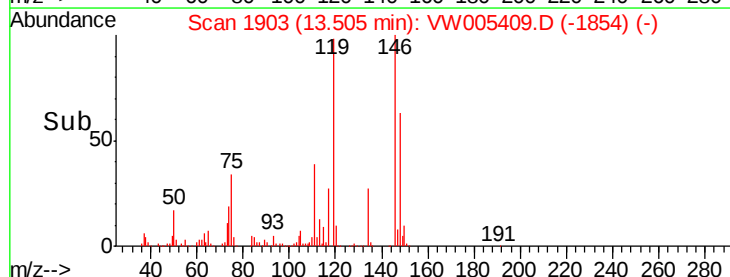
150000

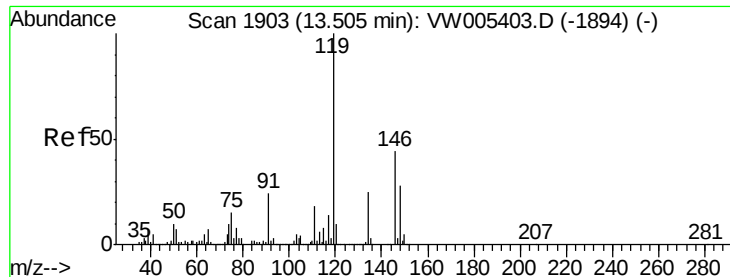
100000

50000

0

Time--> 13.45 13.55

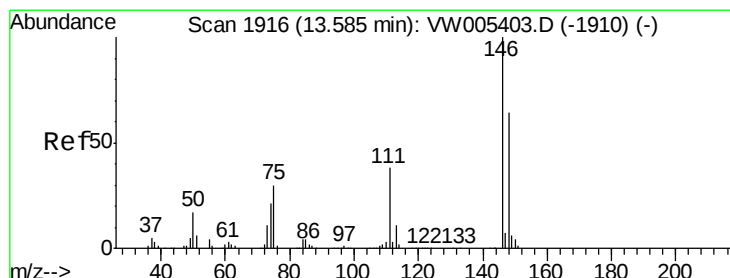
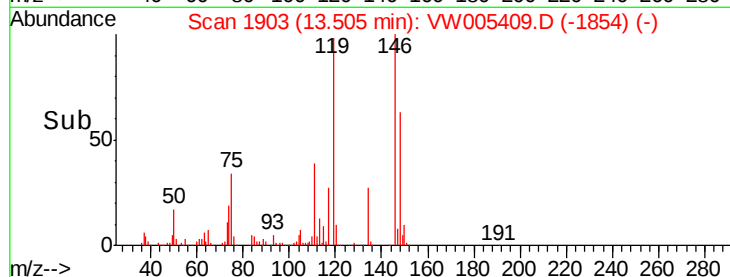
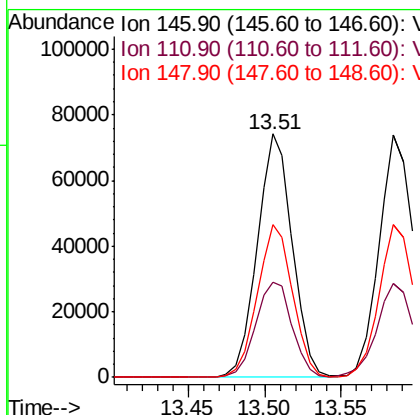
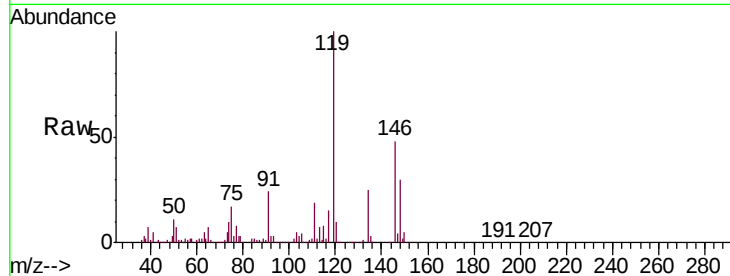




#87
 1,3-Dichlorobenzene
 Concen: 20.819 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

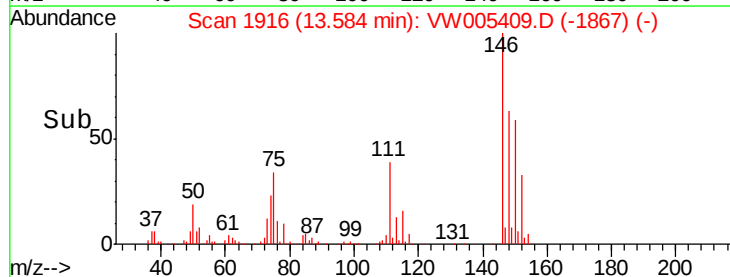
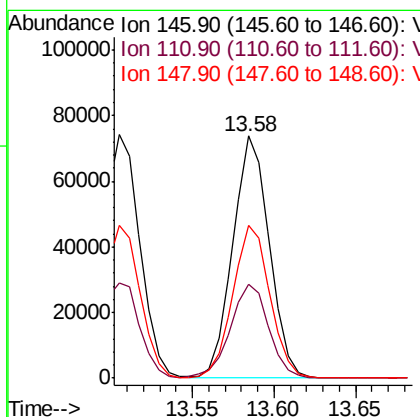
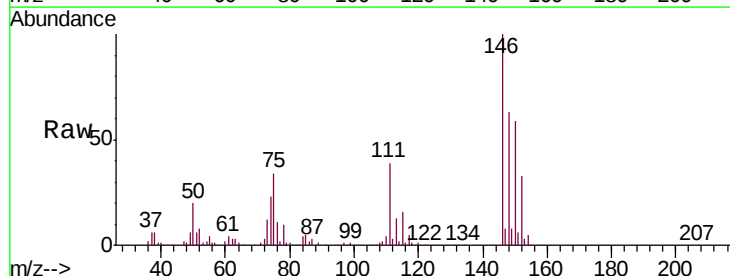
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

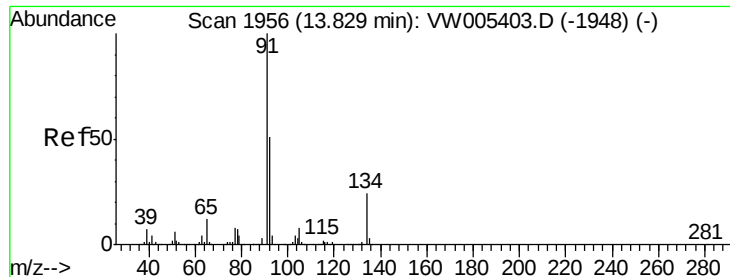
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	63.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.621 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.8
148	64.1	31.8	95.4





#89

n-Butylbenzene

Concen: 20.414 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

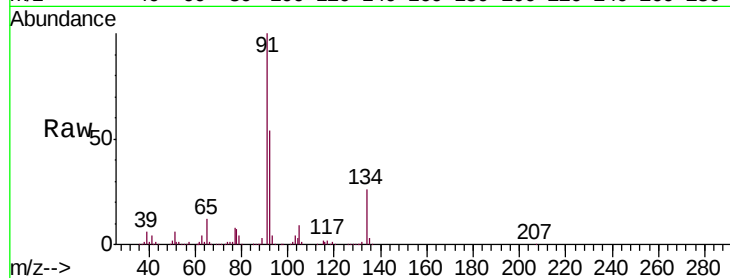
Tgt Ion: 91 Resp: 210268

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.6

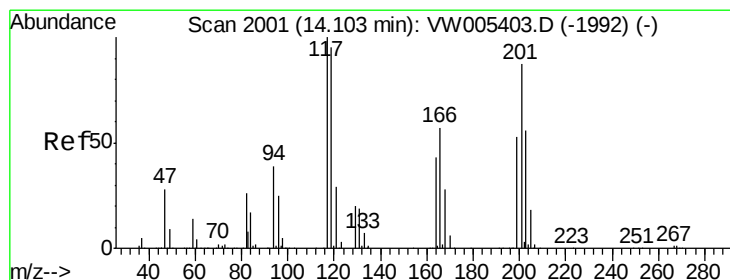
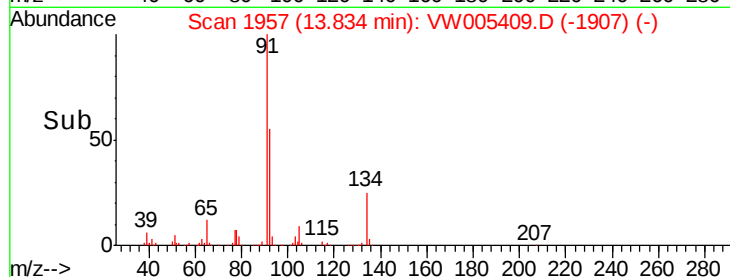
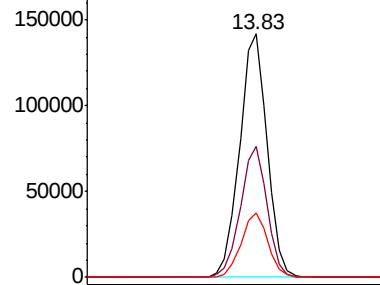
134 25.9 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.387 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005409.D

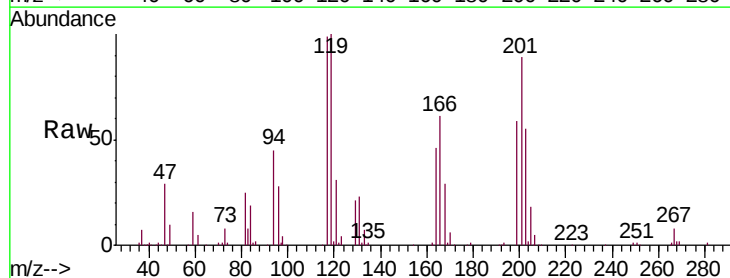
Acq: 15 Sep 2018 03:29

Tgt Ion: 117 Resp: 38637

Ion Ratio Lower Upper

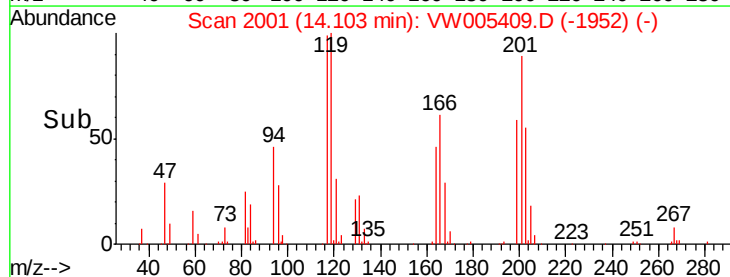
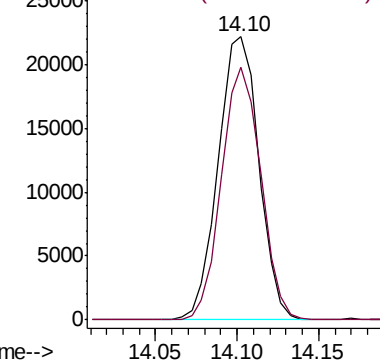
117 100

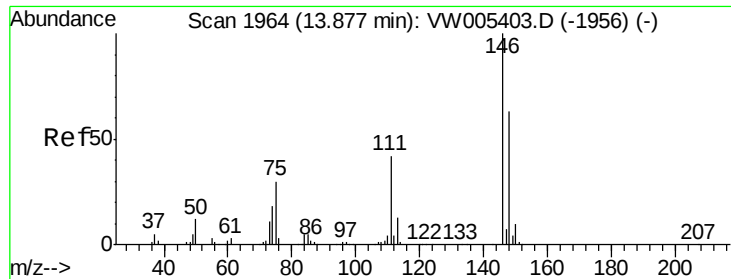
201 86.2 42.5 127.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.812 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

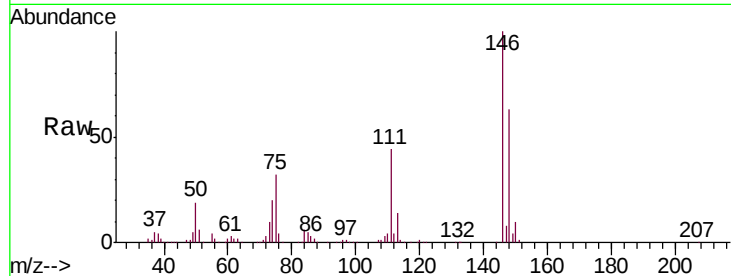
Tgt Ion:146 Resp: 103006

Ion Ratio Lower Upper

146 100

111 42.3 21.0 63.0

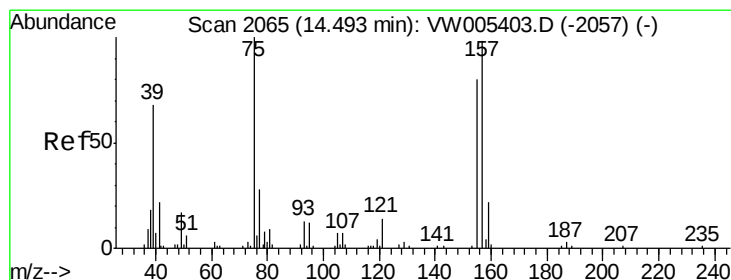
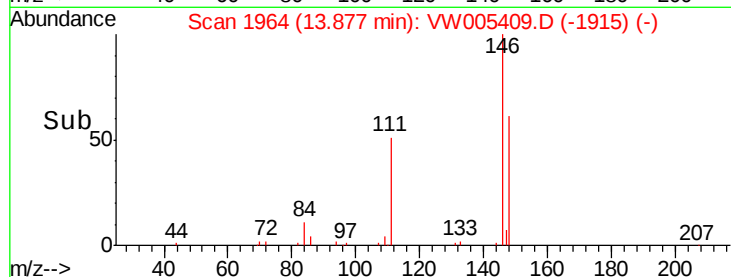
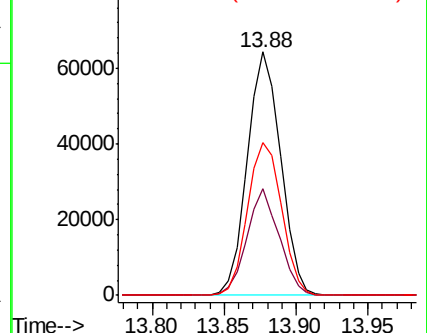
148 64.1 31.9 95.9



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: 21.418 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

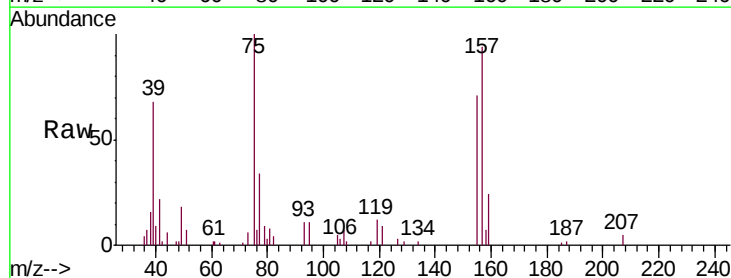
Tgt Ion: 75 Resp: 7088

Ion Ratio Lower Upper

75 100

155 76.9 39.0 117.0

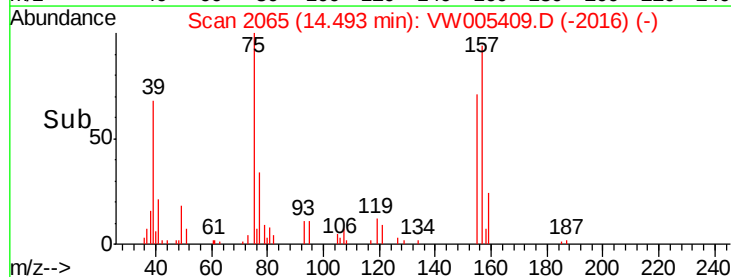
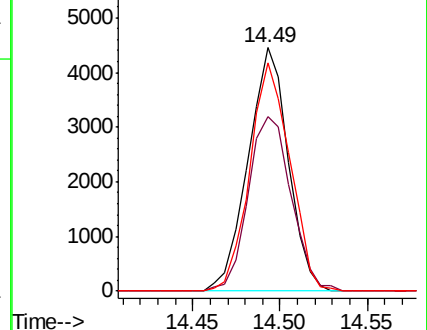
157 94.0 49.9 149.6

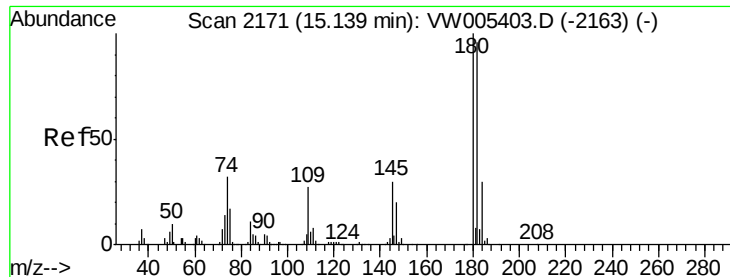


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

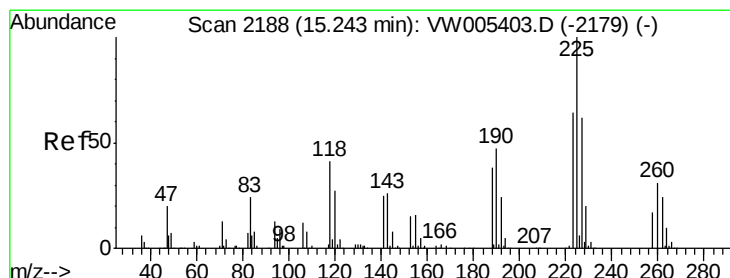
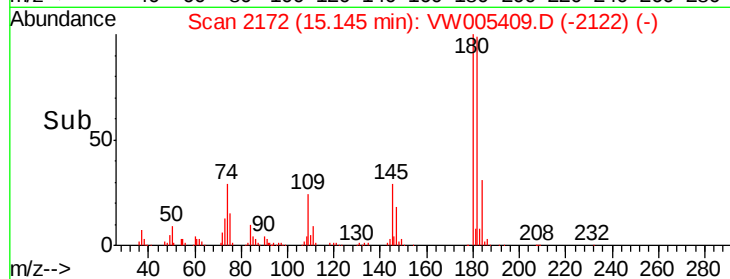
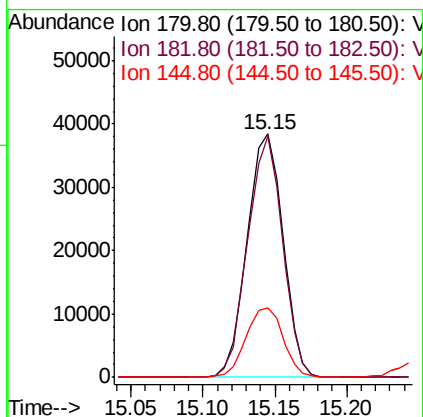
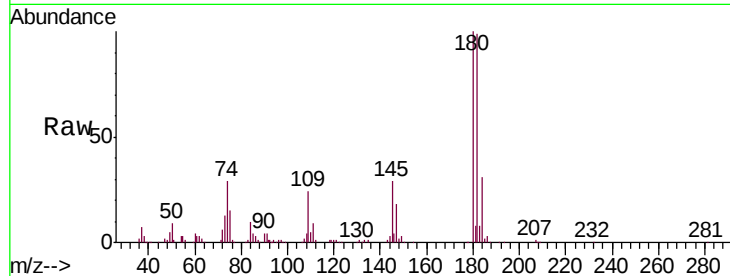




#93
 1,2,4-Trichlorobenzene
 Concen: 20.073 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

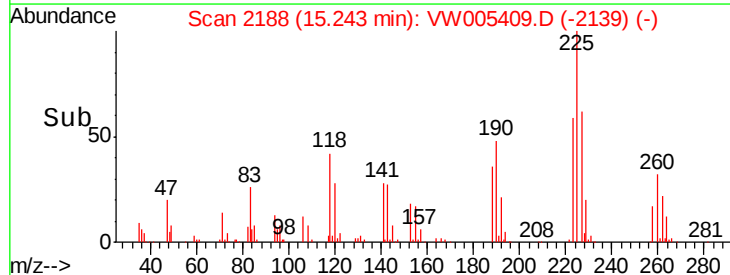
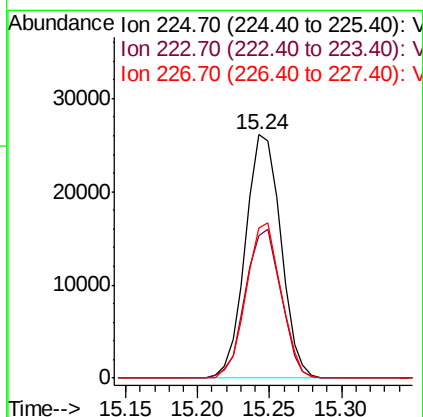
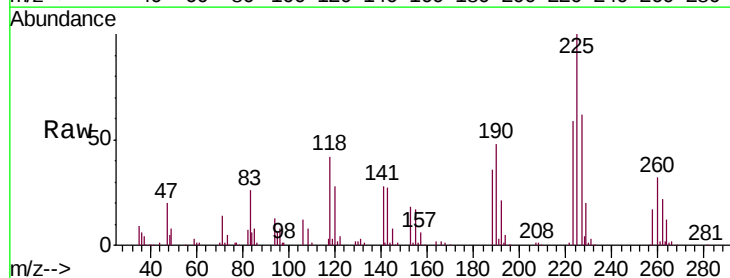
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

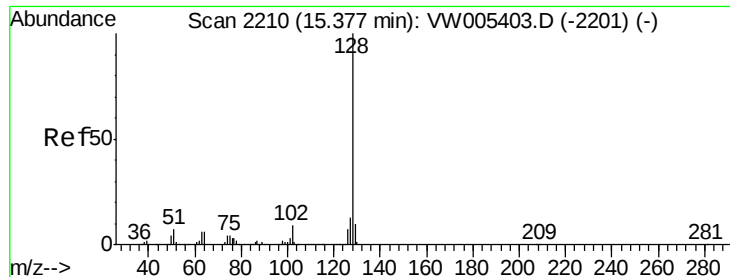
Tgt Ion:180 Resp: 66287
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 141.9
 145 29.6 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 20.589 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion:225 Resp: 44400
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.2 93.6
 227 62.8 31.6 95.0

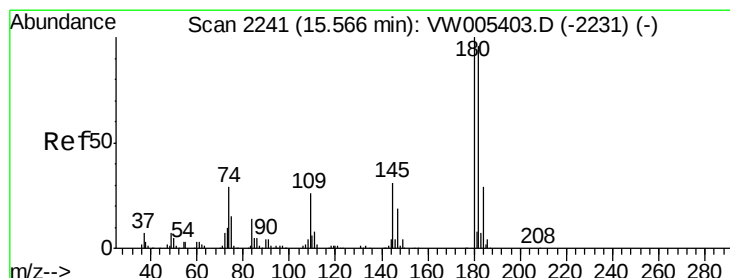
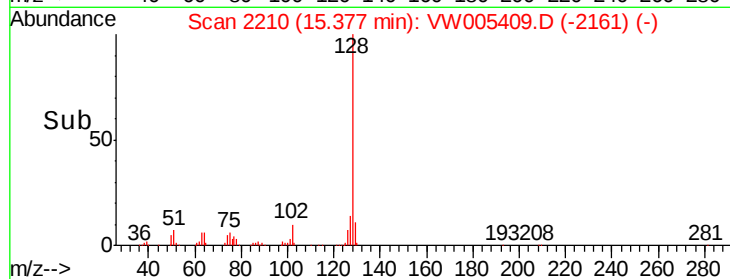
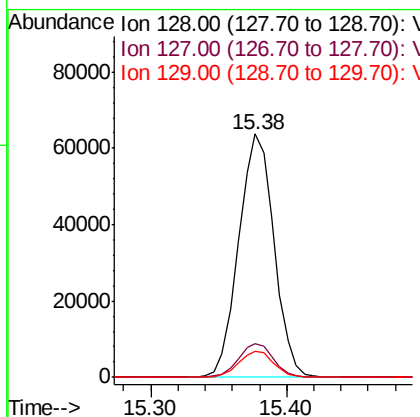
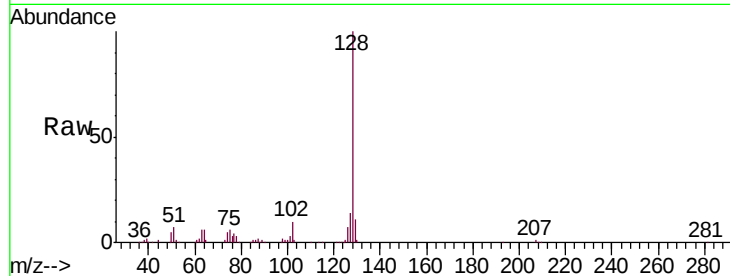




#95
Naphthalene
Concen: 20.979 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tgt Ion:128 Resp: 115446
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.134 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion:180 Resp: 58029
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.4
145 33.3 15.9 47.7

