

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
 Data File : VW005426.D
 Acq On : 17 Sep 2018 12:06
 Operator : SY/AP
 Sample : VW0917SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

Quant Time: Sep 18 01:01:32 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	302597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	442322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	421671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	134818	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	
35) Dibromofluoromethane	7.90	113	113009	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
50) Toluene-d8	10.33	98	546104	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	12.62	95	200295	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64110	22.582	ug/l	97
3) Chloromethane	2.22	50	73792	20.659	ug/l	99
4) Vinyl Chloride	2.37	62	68596	20.502	ug/l	99
5) Bromomethane	2.78	94	43130	17.544	ug/l	97
6) Chloroethane	2.92	64	37613	18.967	ug/l	97
7) Trichlorofluoromethane	3.27	101	86275	19.462	ug/l	95
8) Diethyl Ether	3.70	74	25134	19.079	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	52912	20.468	ug/l	99
10) Methyl Iodide	4.28	142	57428	20.103	ug/l	96
11) Tert butyl alcohol	5.22	59	18158	82.972	ug/l #	94
12) 1,1-Dichloroethene	4.05	96	46865	20.018	ug/l	99
13) Acrolein	3.92	56	16104	116.690	ug/l	97
14) Allyl chloride	4.68	41	87224	20.022	ug/l	97
15) Acrylonitrile	5.39	53	54866	91.053	ug/l	100
16) Acetone	4.15	43	41966	80.708	ug/l	99
17) Carbon Disulfide	4.39	76	158913	19.269	ug/l	97
18) Methyl Acetate	4.70	43	25218	16.708	ug/l	96
19) Methyl tert-butyl Ether	5.44	73	119576	18.810	ug/l	96
20) Methylene Chloride	4.93	84	67110	17.844	ug/l	99
21) trans-1,2-Dichloroethene	5.44	96	53653	19.190	ug/l	97
22) Diisopropyl ether	6.32	45	169803	19.828	ug/l	97
23) Vinyl Acetate	6.27	43	482148	98.806	ug/l	99
24) 1,1-Dichloroethane	6.23	63	98854	19.022	ug/l	98
25) 2-Butanone	7.19	43	70375	93.141	ug/l	98
26) 2,2-Dichloropropane	7.18	77	96594	20.721	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	58284	19.164	ug/l	98
28) Bromochloromethane	7.52	49	37309	18.458	ug/l #	99
29) Tetrahydrofuran	7.54	42	45378	94.273	ug/l	99
30) Chloroform	7.68	83	99271	18.447	ug/l	97
31) Cyclohexane	7.96	56	106424	21.229	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	96939	19.372	ug/l	100
36) 1,1-Dichloropropene	8.09	75	83977	20.061	ug/l	98
37) Ethyl Acetate	7.26	43	33055	19.417	ug/l	98
38) Carbon Tetrachloride	8.08	117	86014	19.719	ug/l	100

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 Operator : SY/AP
 Sample : VW0917SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0917SBS01

Quant Time: Sep 18 01:01:32 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)
39) Methylcyclohexane	9.34	83	104742	21.534	ug/l	99
40) Benzene	8.34	78	236941	19.540	ug/l	98
41) Methacrylonitrile	7.49	41	21383	20.820	ug/l	96
42) 1,2-Dichloroethane	8.41	62	69759	18.380	ug/l	99
43) Isopropyl Acetate	8.43	43	61793	18.600	ug/l	98
44) Trichloroethene	9.10	130	62409	19.996	ug/l	99
45) 1,2-Dichloropropane	9.38	63	57584	19.876	ug/l	96
46) Dibromomethane	9.46	93	27160	19.057	ug/l	100
47) Bromodichloromethane	9.65	83	75130	19.457	ug/l	99
48) Methyl methacrylate	9.45	41	29900	18.034	ug/l	97
49) 1,4-Dioxane	9.48	88	8918	375.432	ug/l #	100
51) 4-Methyl-2-Pentanone	10.22	43	158739	92.816	ug/l	100
52) Toluene	10.40	92	166912	20.325	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	75616	19.567	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	88964	20.332	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38897	18.363	ug/l	97
56) Ethyl methacrylate	10.65	69	51351	19.153	ug/l	96
57) 1,3-Dichloropropane	10.94	76	69274	18.947	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	118853	98.012	ug/l	100
59) 2-Hexanone	10.98	43	115928	99.512	ug/l	100
60) Dibromochloromethane	11.13	129	46573	18.274	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35648	18.765	ug/l	99
64) Tetrachloroethene	10.87	164	61528	19.743	ug/l	98
65) Chlorobenzene	11.66	112	176707	19.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	55637	19.451	ug/l	100
67) Ethyl Benzene	11.74	91	323326	20.544	ug/l	100
68) m/p-Xylenes	11.85	106	251184	41.470	ug/l	99
69) o-Xylene	12.17	106	116150	20.592	ug/l	97
70) Styrene	12.19	104	191167	20.537	ug/l	100
71) Bromoform	12.35	173	27443	18.136	ug/l #	99
73) Isopropylbenzene	12.47	105	323681	20.575	ug/l	100
74) N-amyl acetate	12.28	43	62256	18.780	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43651	19.021	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63507	34.435	ug/l #	100
77) Bromobenzene	12.76	156	71571	19.243	ug/l	98
78) n-propylbenzene	12.81	91	401086	21.126	ug/l	100
79) 2-Chlorotoluene	12.90	91	229082	20.452	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	280198	20.413	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	13438	18.902	ug/l	97
82) 4-Chlorotoluene	12.99	91	238923	20.205	ug/l	100
83) tert-Butylbenzene	13.21	119	238154	20.889	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	285776	20.507	ug/l	100
85) sec-Butylbenzene	13.39	105	344667	20.923	ug/l	99
86) p-Isopropyltoluene	13.51	119	305686	20.750	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	149263	19.789	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	145996	19.655	ug/l	96
89) n-Butylbenzene	13.83	91	292073	21.291	ug/l	100
90) Hexachloroethane	14.10	117	48514	19.220	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	128781	19.536	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7463	16.932	ug/l	97

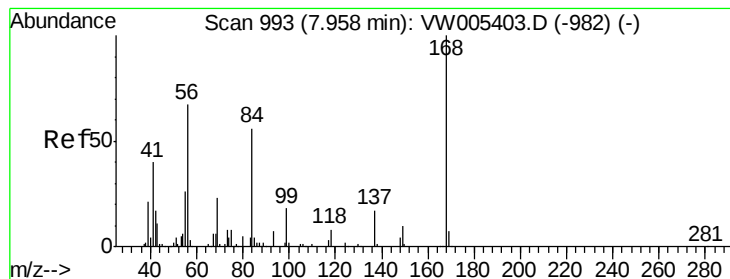
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
Data File : VW005426.D
Acq On : 17 Sep 2018 12:06
Operator : SY/AP
Sample : VW0917SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Quant Time: Sep 18 01:01:32 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.15	180	90898	20.667	ug/l	99
94) Hexachlorobutadiene	15.25	225	60459	21.050	ug/l	100
95) Naphthalene	15.38	128	139763	19.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	76441	19.914	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

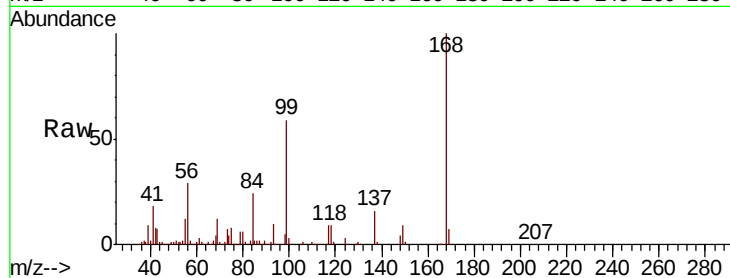
VW0917SBS01

Tgt Ion:168 Resp: 302597

Ion Ratio Lower Upper

168 100

99 58.4 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

150000

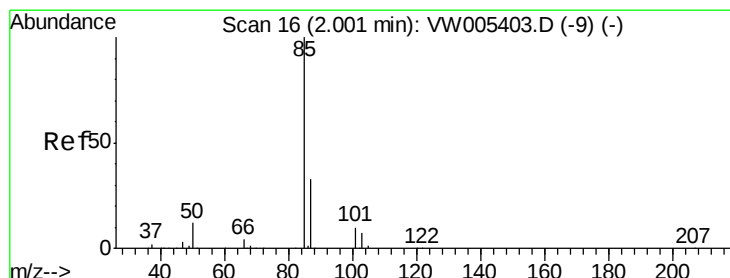
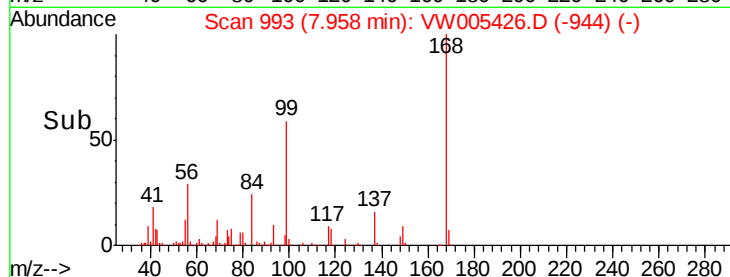
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.582 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW005426.D

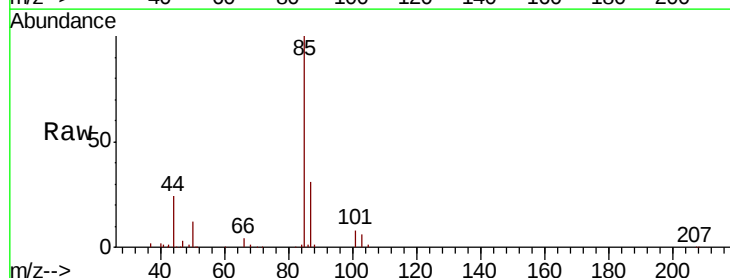
Acq: 17 Sep 2018 12:06

Tgt Ion: 85 Resp: 64110

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

50000

40000

30000

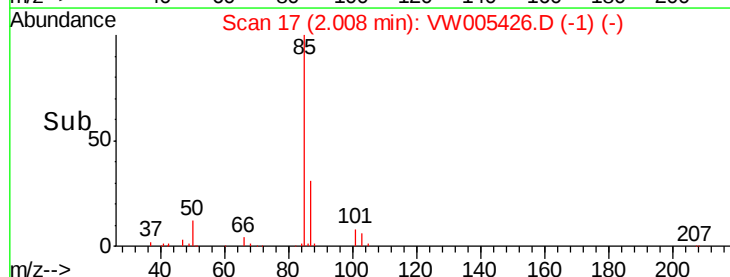
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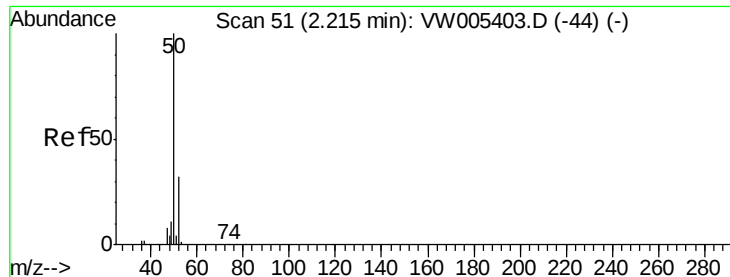
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0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.659 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

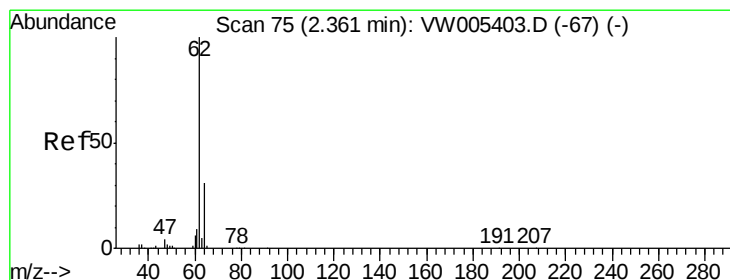
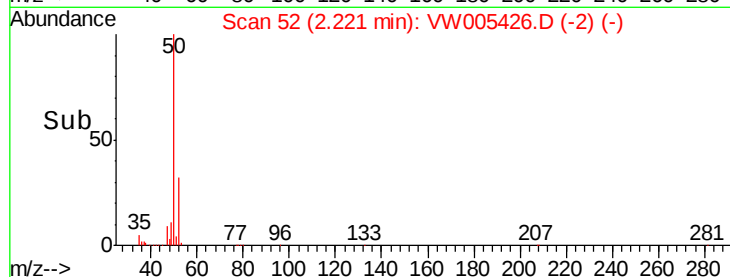
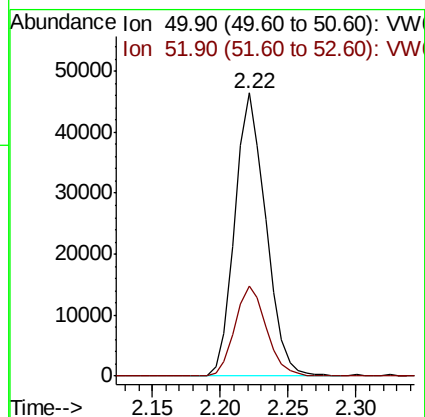
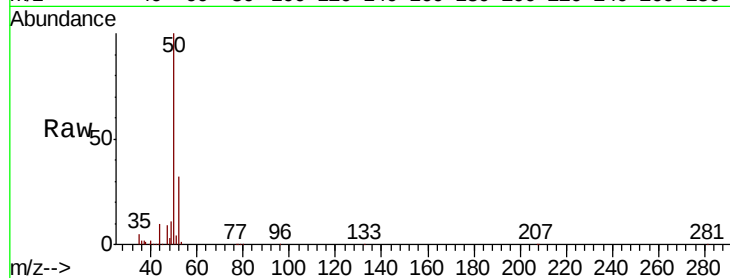
VW0917SBS01

Tgt Ion: 50 Resp: 73792

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6



#4

Vinyl Chloride

Concen: 20.502 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW005426.D

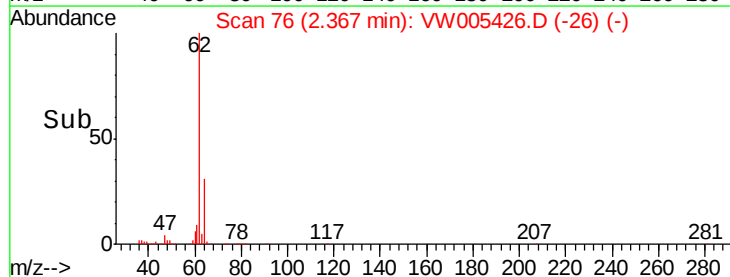
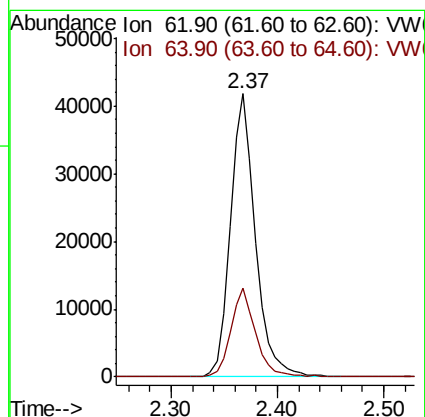
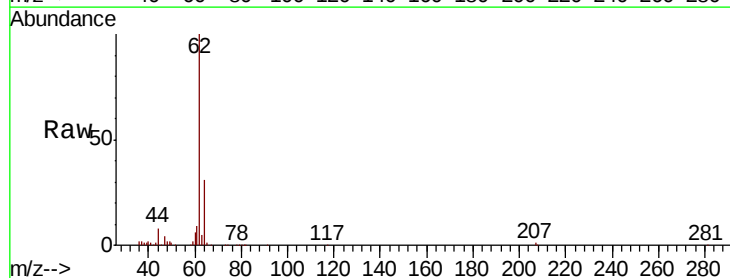
Acq: 17 Sep 2018 12:06

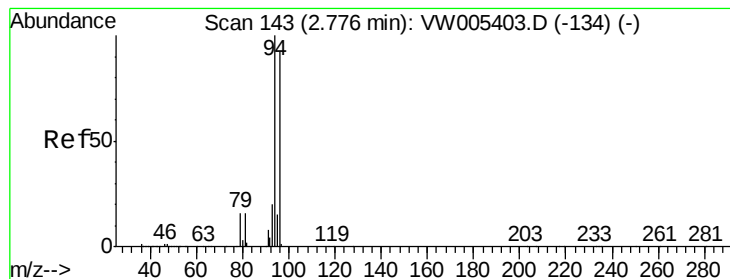
Tgt Ion: 62 Resp: 68596

Ion Ratio Lower Upper

62 100

64 31.3 24.5 36.7





#5

Bromomethane

Concen: 17.544 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

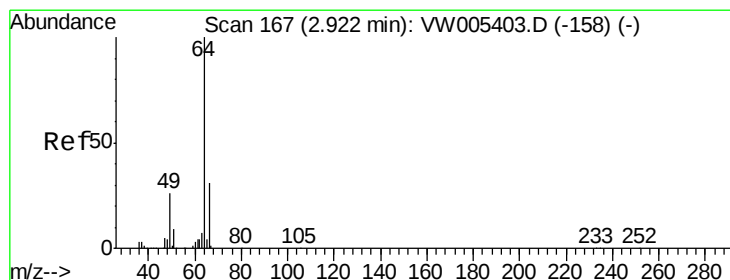
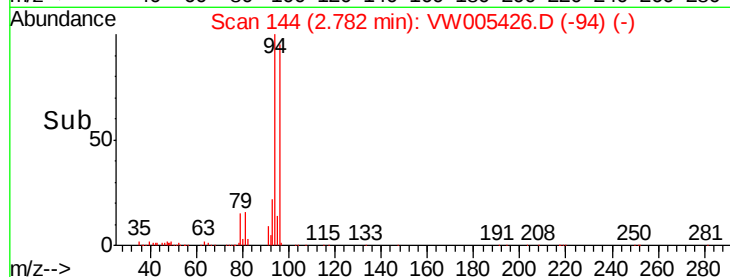
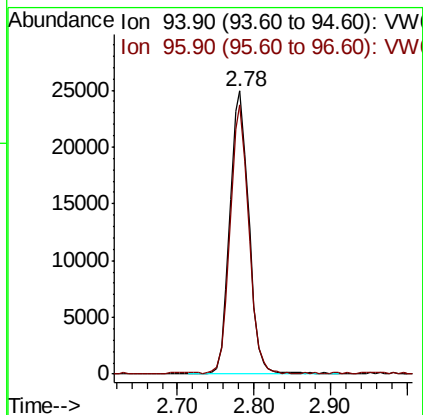
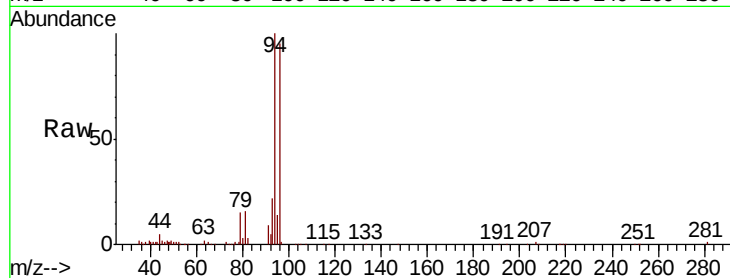
VW0917SBS01

Tgt Ion: 94 Resp: 43130

Ion Ratio Lower Upper

94 100

96 94.8 73.7 110.5



#6

Chloroethane

Concen: 18.967 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW005426.D

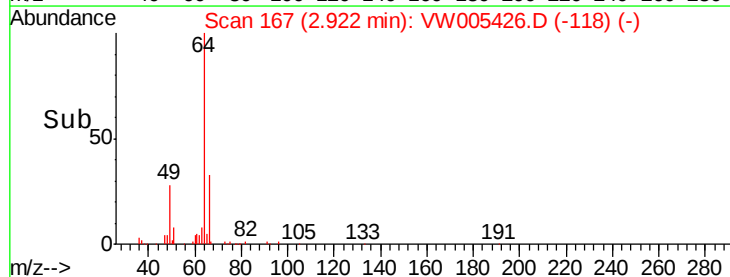
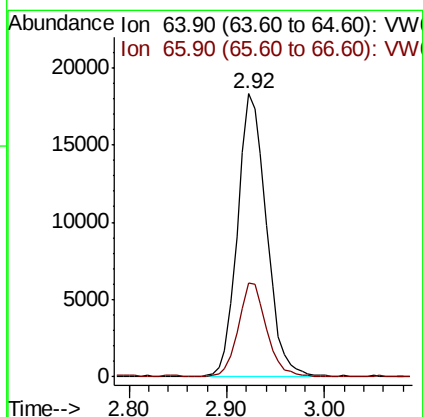
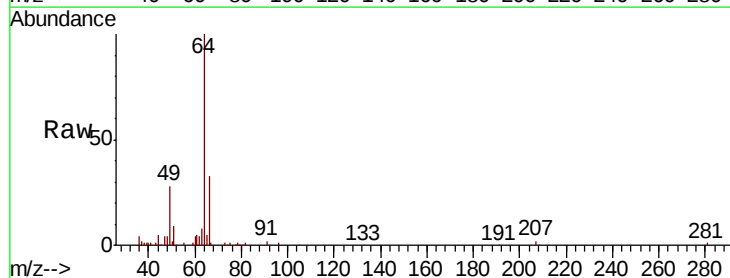
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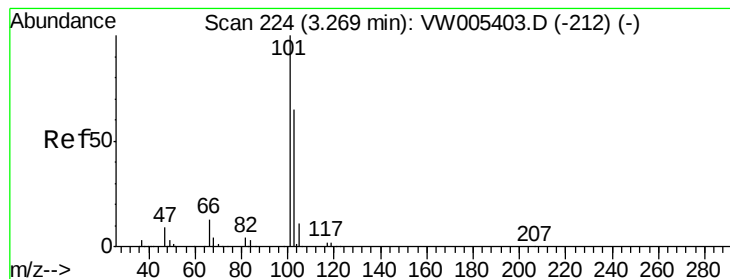
Tgt Ion: 64 Resp: 37613

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8



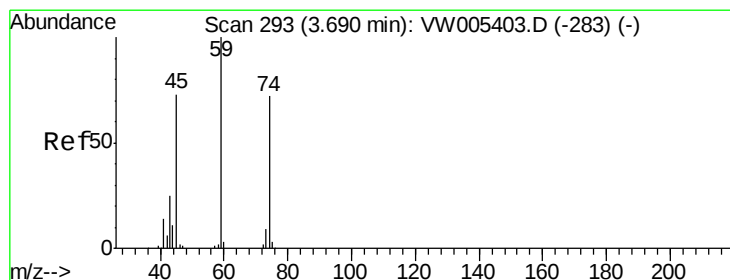
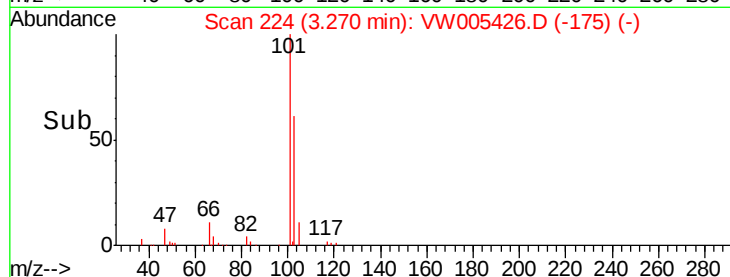
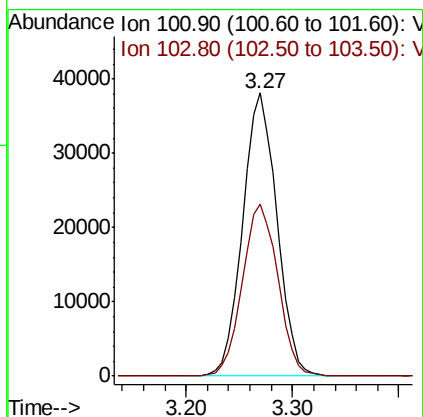
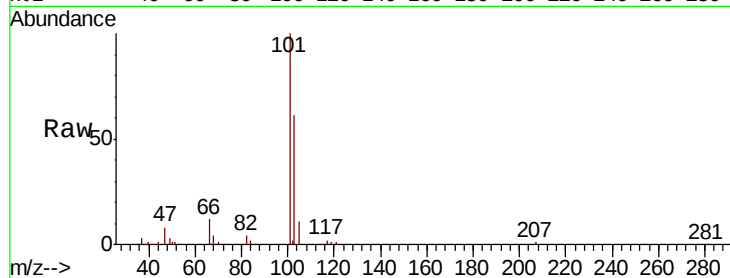


#7

Trichlorofluoromethane
 Concen: 19.462 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

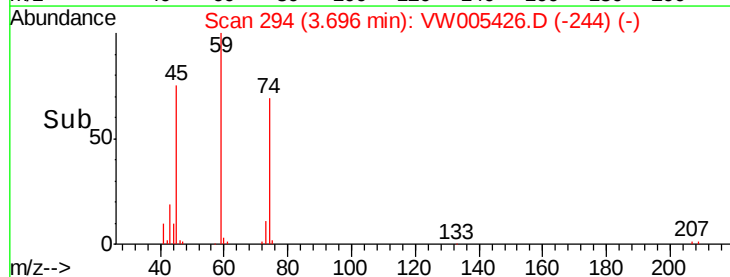
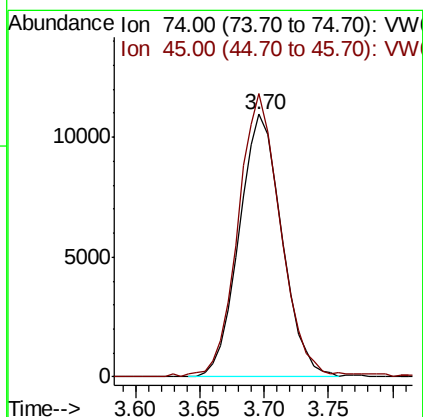
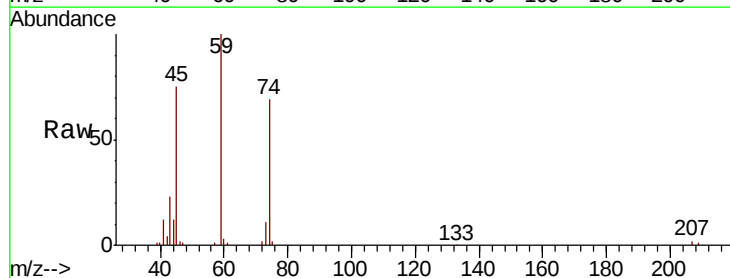
Tgt Ion: 101 Resp: 86275
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.7 77.5

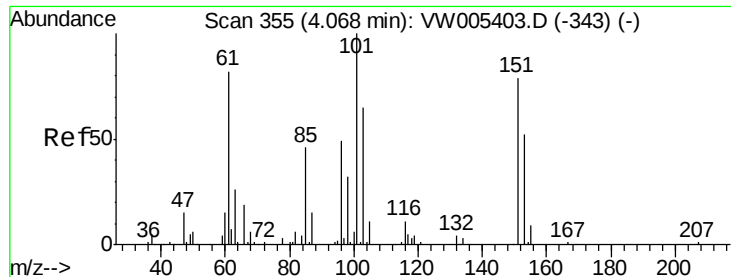


#8

Diethyl Ether
 Concen: 19.079 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 74 Resp: 25134
 Ion Ratio Lower Upper
 74 100
 45 107.7 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.468 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

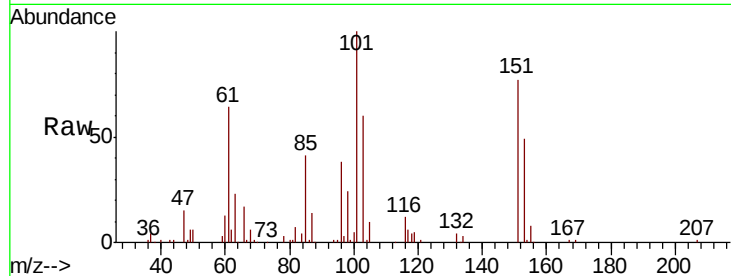
Tgt Ion:101 Resp: 52912

Ion Ratio Lower Upper

101 100

85 45.2 36.6 54.8

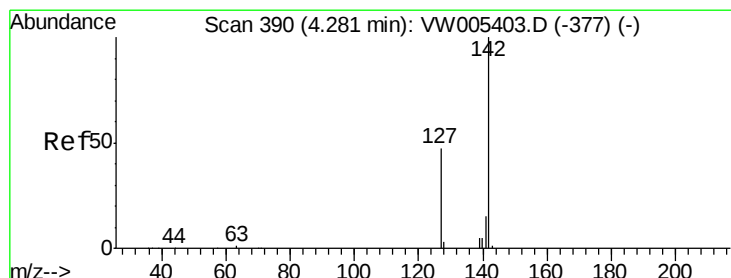
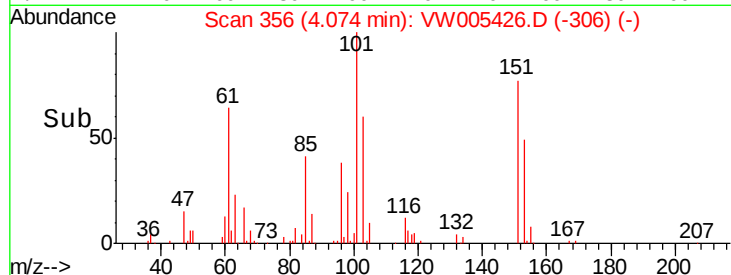
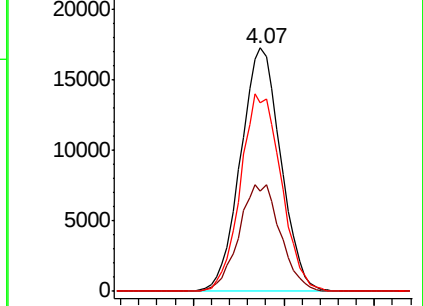
151 81.9 66.3 99.5



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: 20.103 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

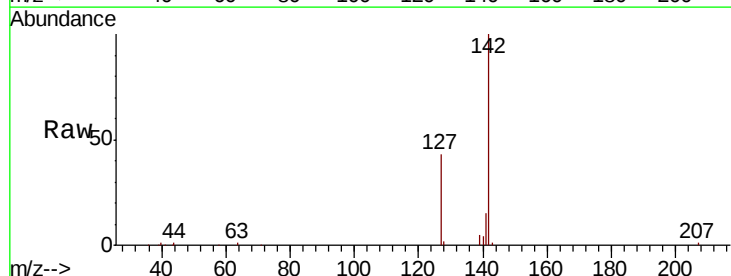
Tgt Ion:142 Resp: 57428

Ion Ratio Lower Upper

142 100

127 43.6 37.5 56.3

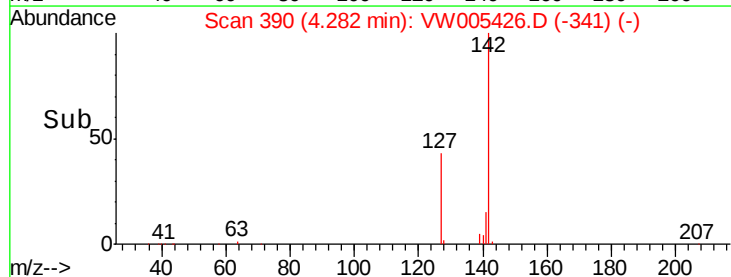
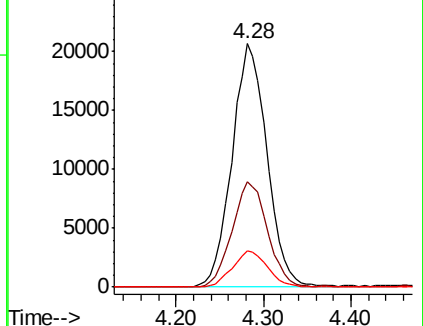
141 14.8 12.4 18.6

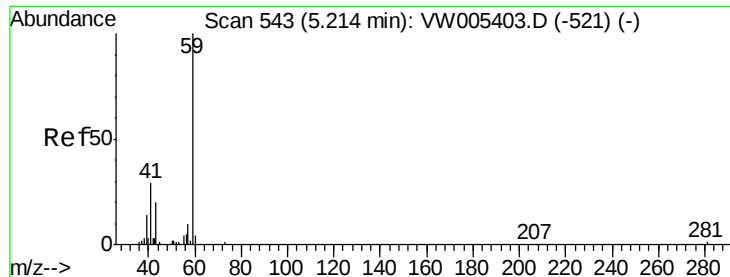


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



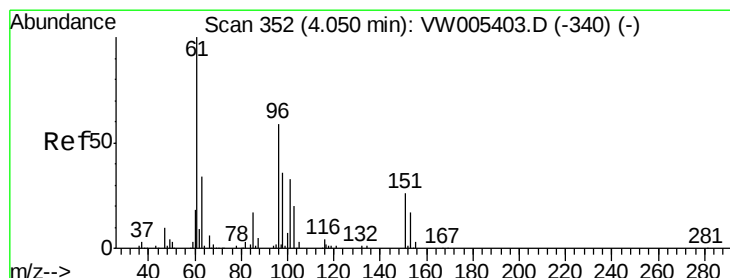
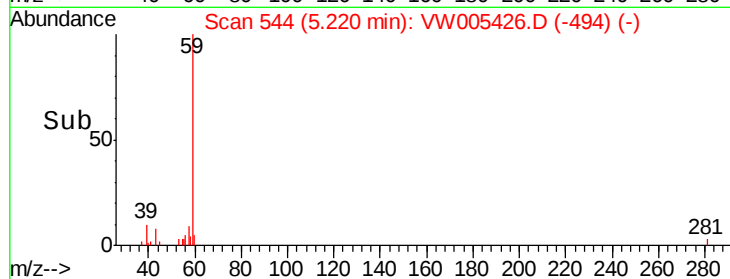
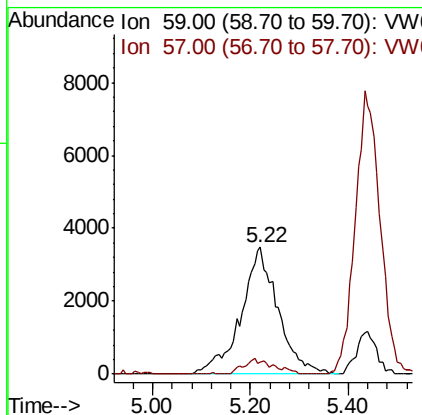
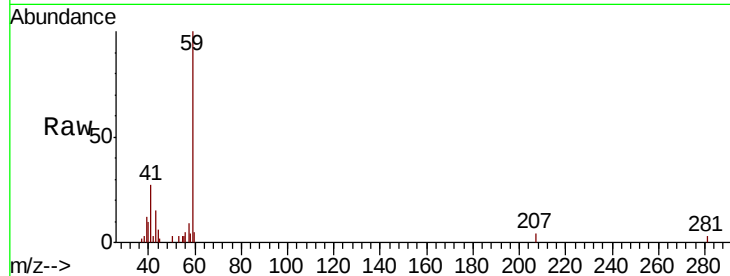


#11

Tert butyl alcohol
 Concen: 82.972 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

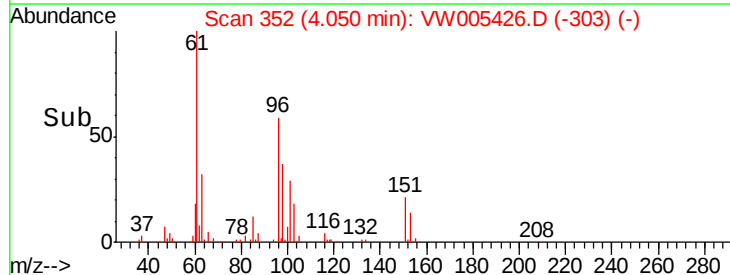
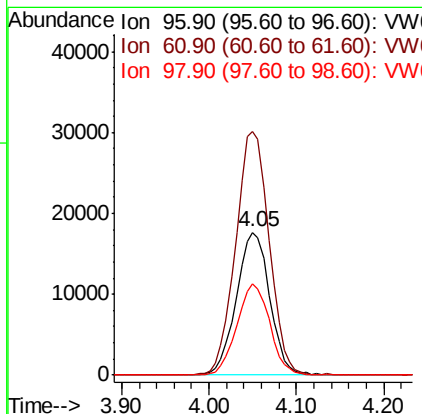
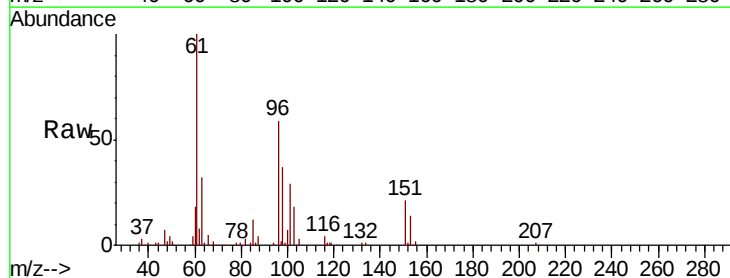
Tgt Ion: 59 Resp: 18158
 Ion Ratio Lower Upper
 59 100
 57 8.6 8.6 13.0#

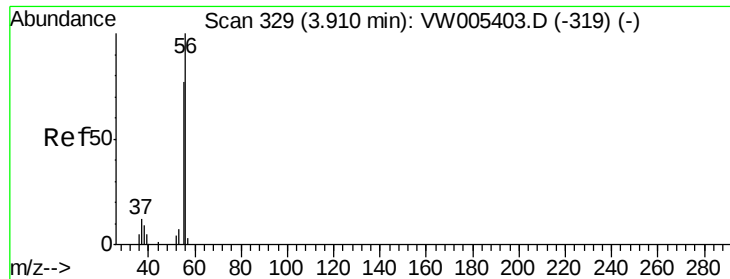


#12

1,1-Dichloroethene
 Concen: 20.018 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 96 Resp: 46865
 Ion Ratio Lower Upper
 96 100
 61 170.2 135.7 203.5
 98 63.4 48.6 73.0





#13

Acrolein

Concen: 116.690 ug/l

RT: 3.92 min Scan# 330

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

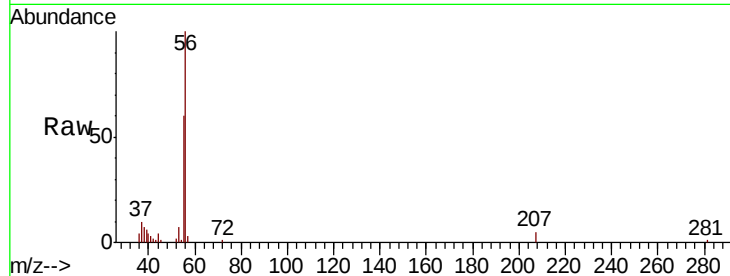
VW0917SBSD01

Tgt Ion: 56 Resp: 16104

Ion Ratio Lower Upper

56 100

55 72.2 59.8 89.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.92

6000

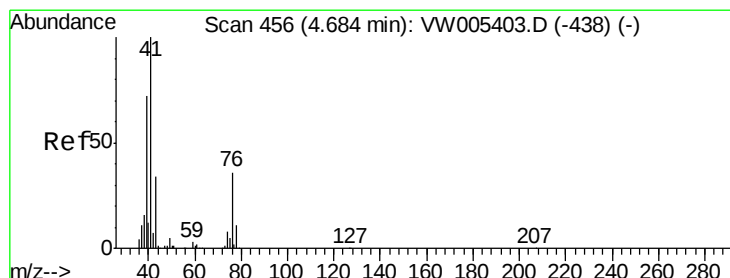
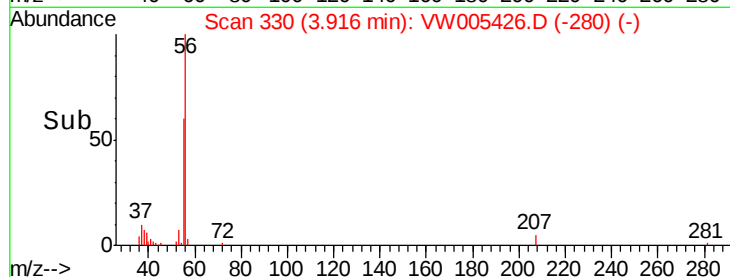
4000

2000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 20.022 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

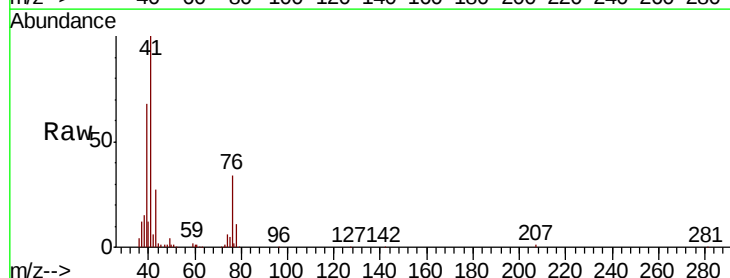
Tgt Ion: 41 Resp: 87224

Ion Ratio Lower Upper

41 100

39 69.6 58.6 88.0

76 34.0 27.4 41.0



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.68

40000

30000

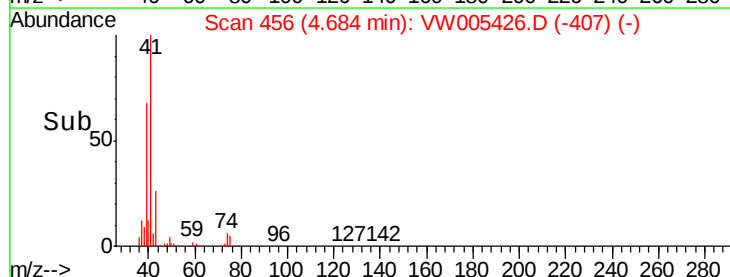
20000

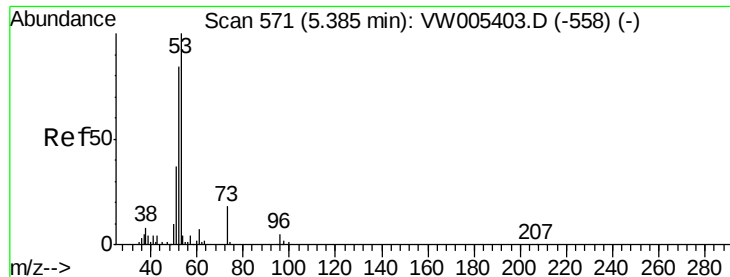
10000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 91.053 ug/l

RT: 5.39 min Scan# 571

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

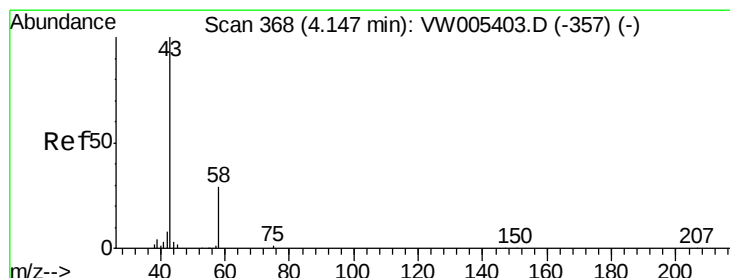
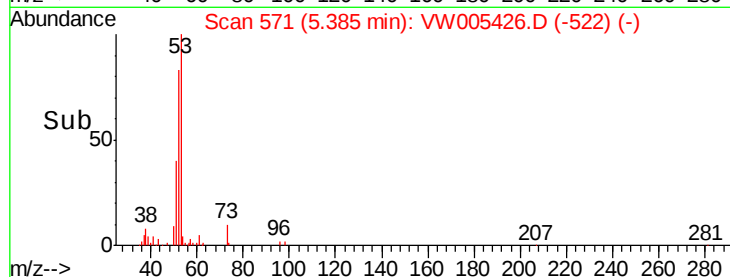
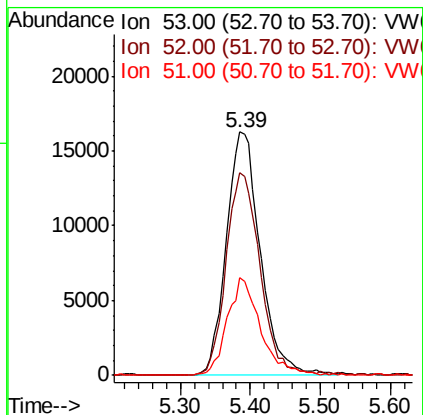
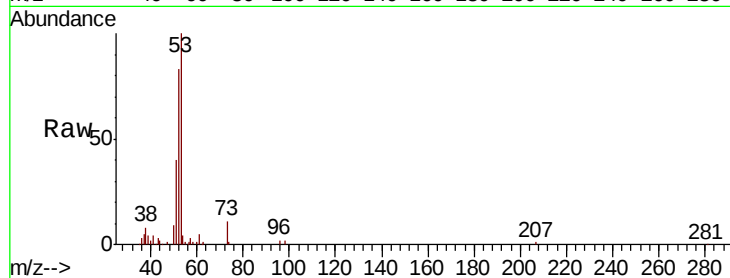
Tgt Ion: 53 Resp: 54866

Ion Ratio Lower Upper

53 100

52 82.9 66.6 99.8

51 39.4 31.1 46.7



#16

Acetone

Concen: 80.708 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005426.D

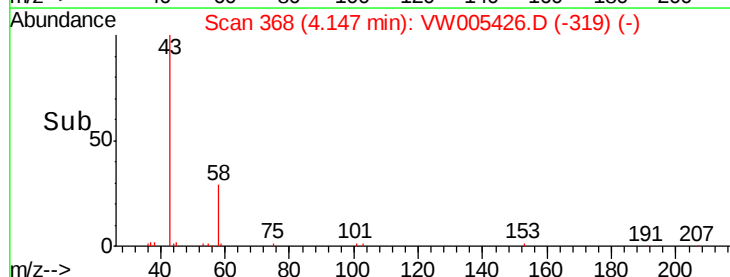
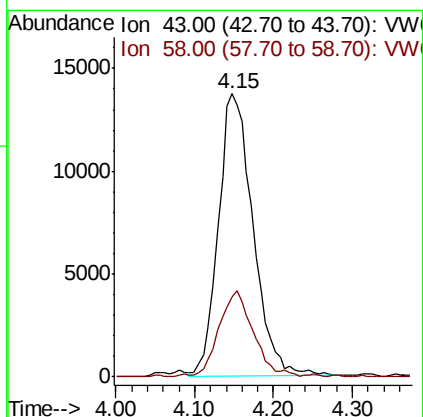
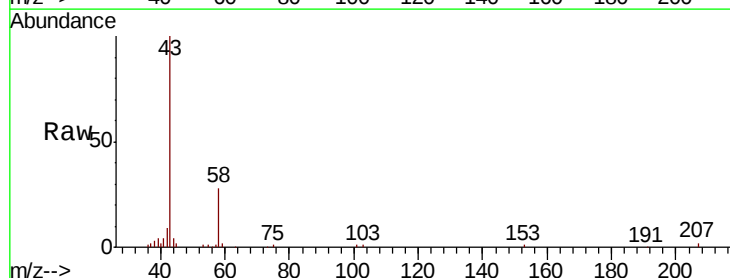
Acq: 17 Sep 2018 12:06

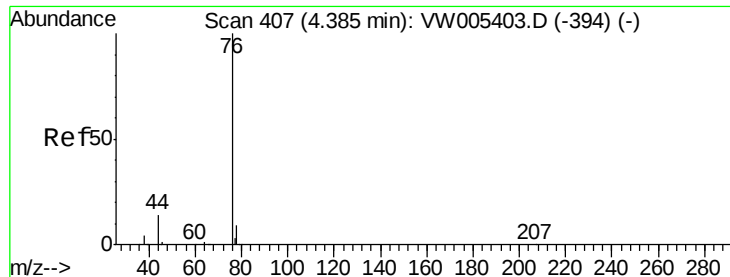
Tgt Ion: 43 Resp: 41966

Ion Ratio Lower Upper

43 100

58 28.0 22.8 34.2





#17

Carbon Disulfide

Concen: 19.269 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

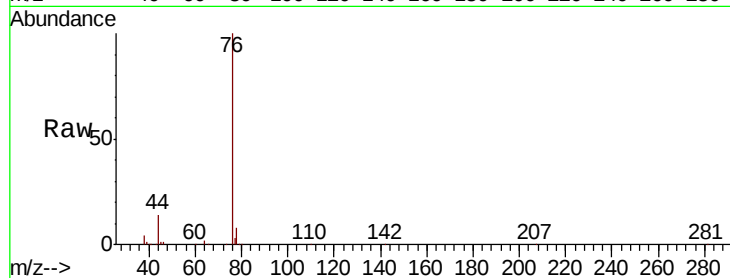
VW0917SBSD01

Tgt Ion: 76 Resp: 158913

Ion Ratio Lower Upper

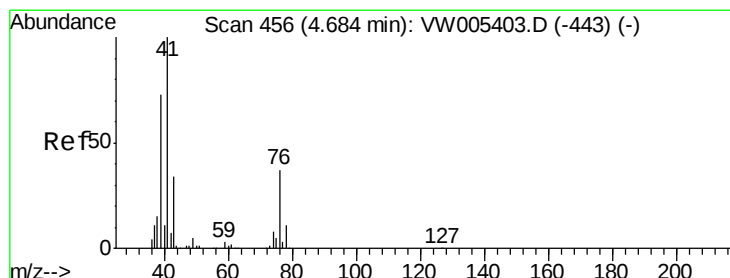
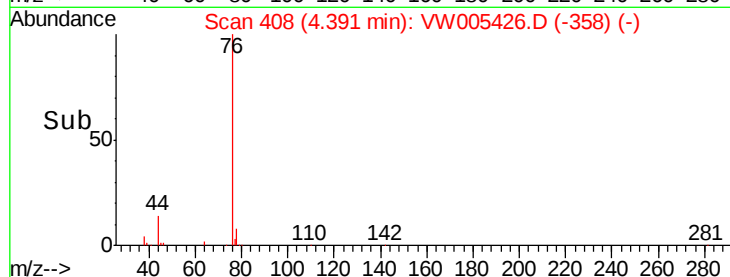
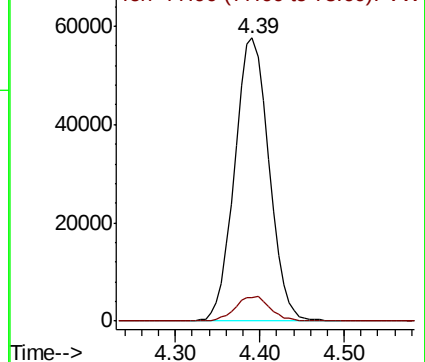
76 100

78 8.3 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: 16.708 ug/l

RT: 4.70 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW005426.D

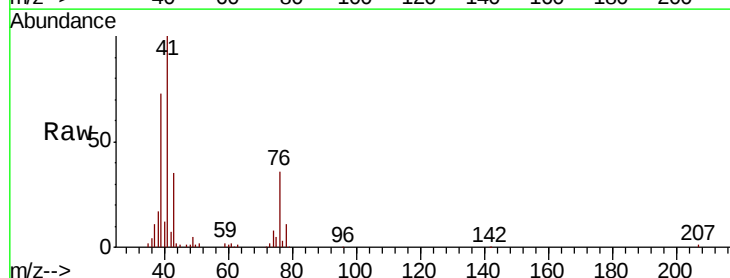
Acq: 17 Sep 2018 12:06

Tgt Ion: 43 Resp: 25218

Ion Ratio Lower Upper

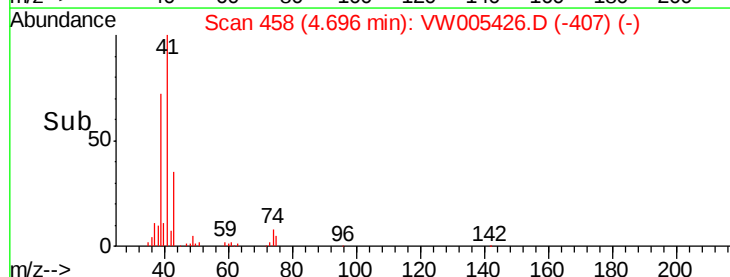
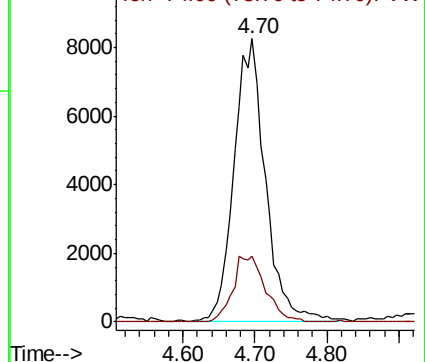
43 100

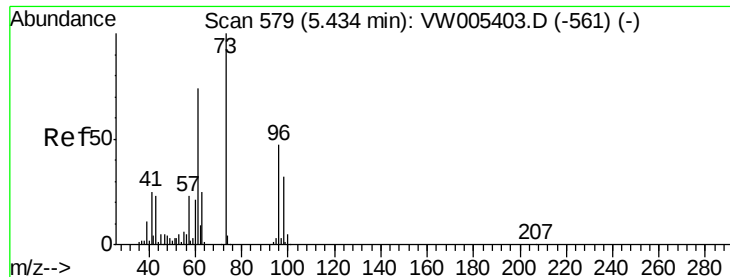
74 24.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



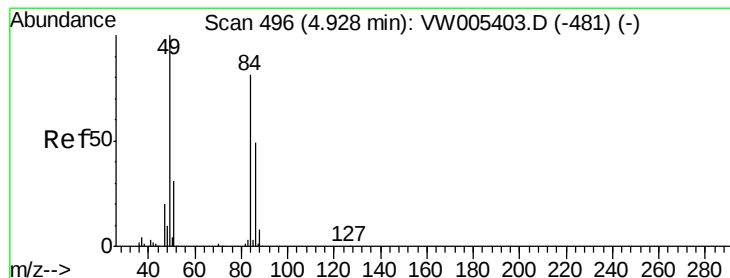
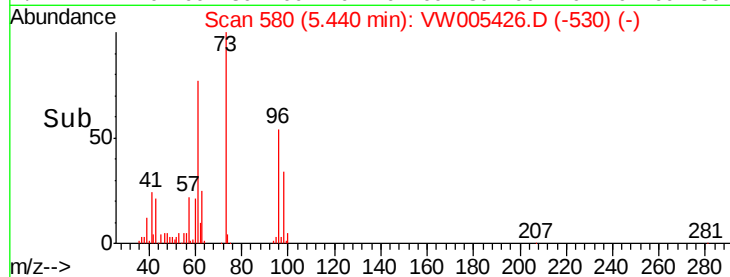
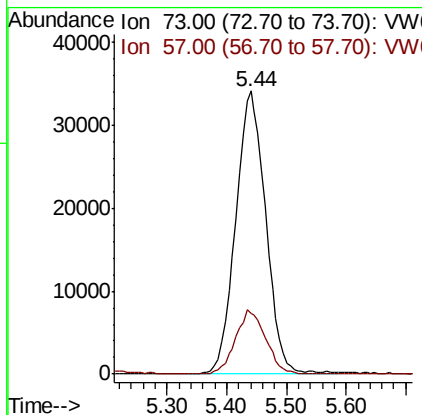
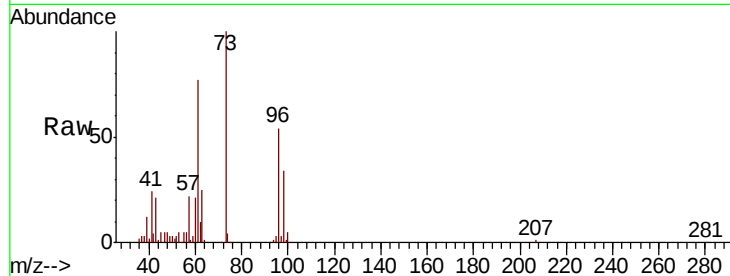


#19

Methyl tert-butyl Ether
 Concen: 18.810 ug/l
 RT: 5.44 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

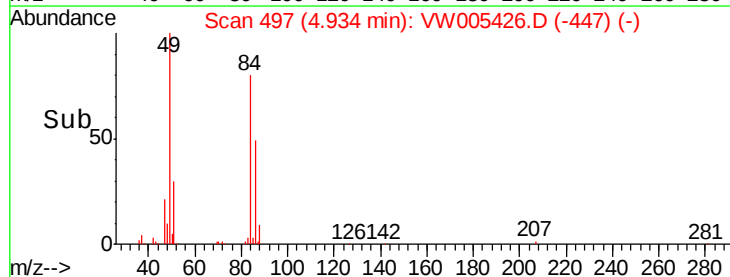
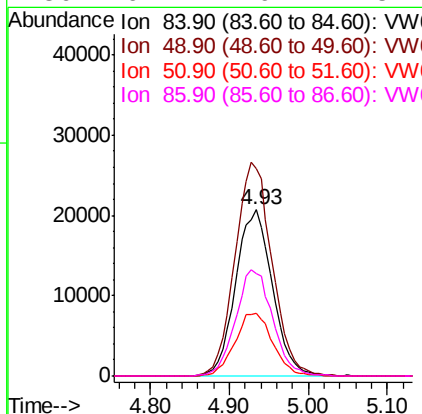
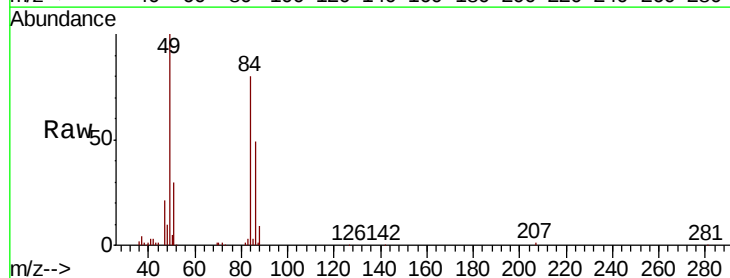
Tgt Ion: 73 Resp: 119576
 Ion Ratio Lower Upper
 73 100
 57 21.5 18.6 28.0

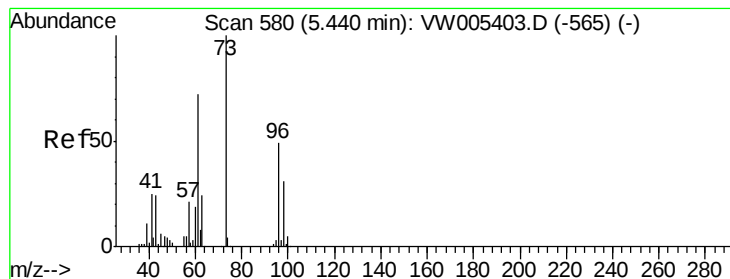


#20

Methylene Chloride
 Concen: 17.844 ug/l
 RT: 4.93 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 84 Resp: 67110
 Ion Ratio Lower Upper
 84 100
 49 124.7 99.3 148.9
 51 37.8 31.1 46.7
 86 61.7 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 19.190 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampled :

VW0917SBS01

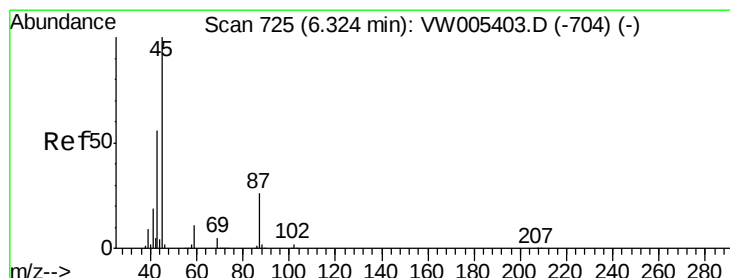
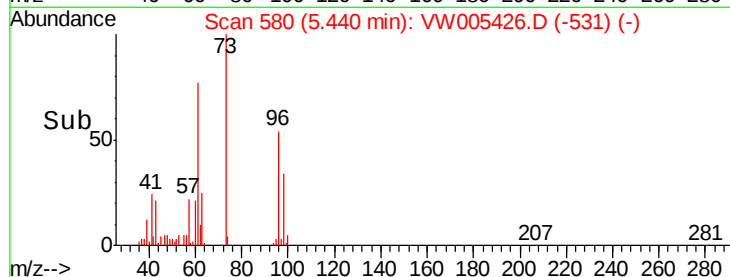
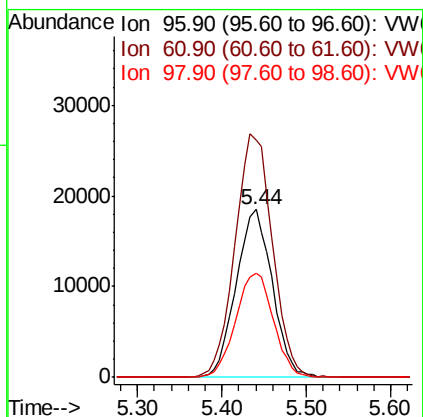
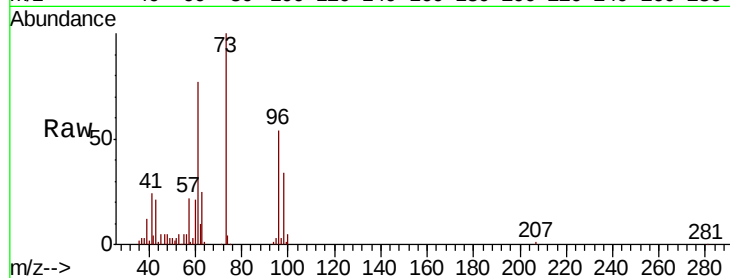
Tgt Ion: 96 Resp: 53653

Ion Ratio Lower Upper

96 100

61 141.6 116.7 175.1

98 62.5 51.0 76.6



#22

Diisopropyl ether

Concen: 19.828 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion: 45 Resp: 169803

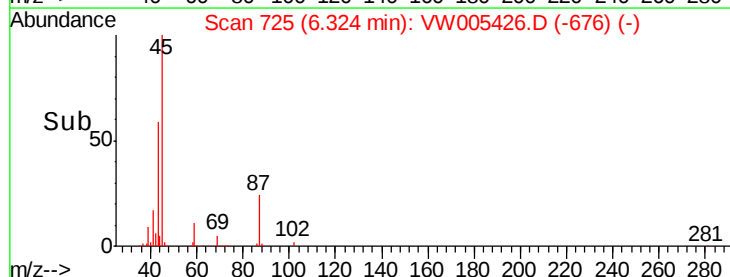
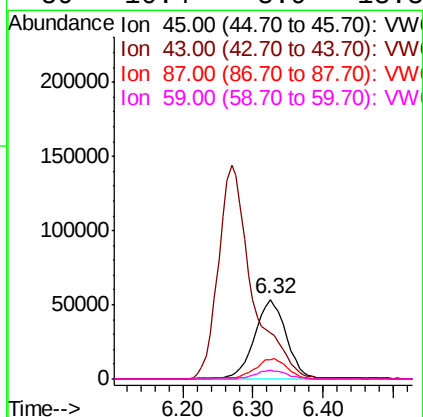
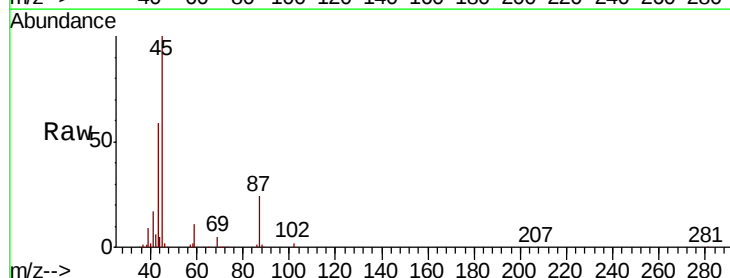
Ion Ratio Lower Upper

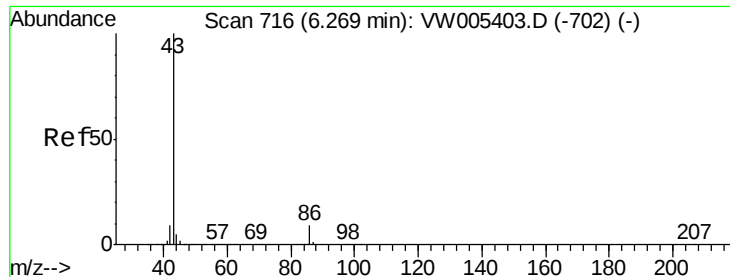
45 100

43 57.9 44.6 67.0

87 23.8 20.6 31.0

59 10.4 8.9 13.3

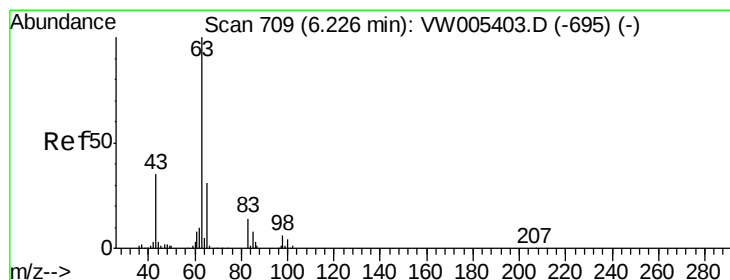
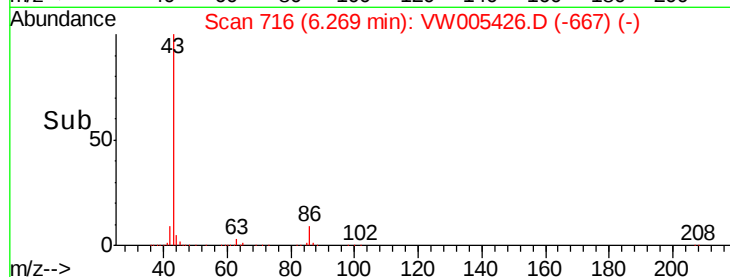
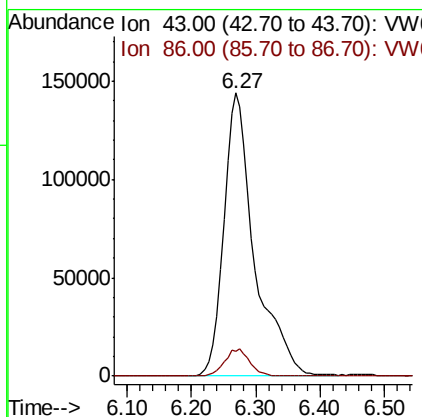
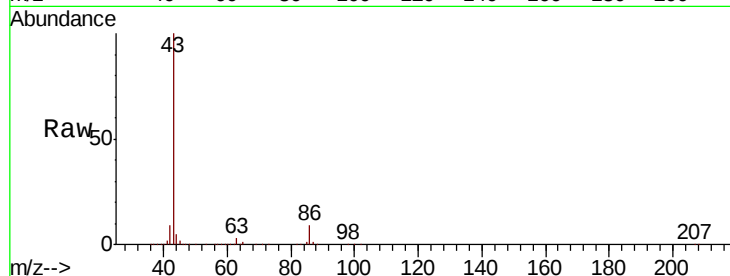




#23
 Vinyl Acetate
 Concen: 98.806 ug/l
 RT: 6.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

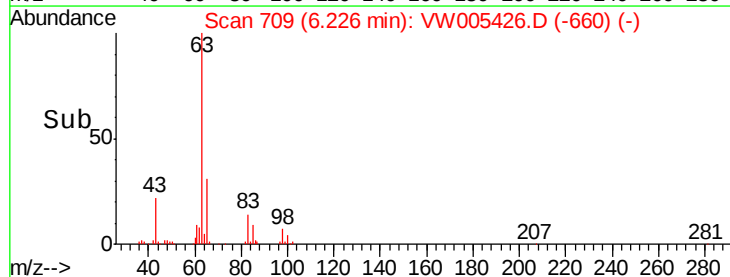
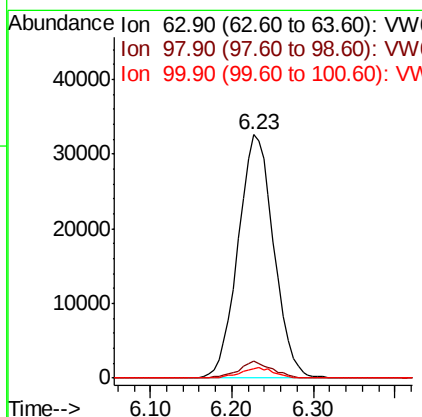
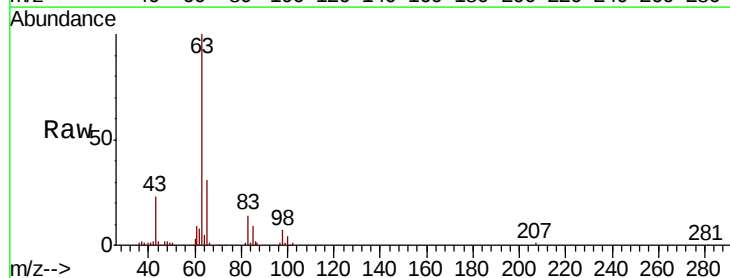
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

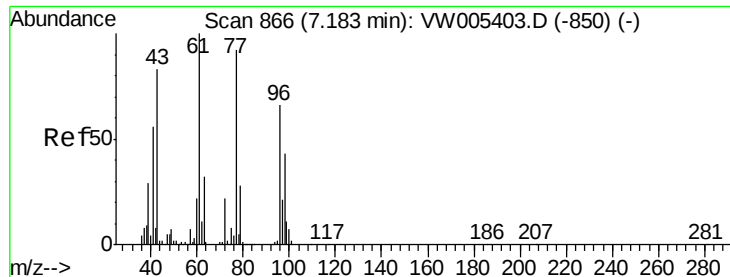
Tgt Ion: 43 Resp: 482148
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.022 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 63 Resp: 98854
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.8
 100 3.7 2.3 6.8





#25

2-Butanone

Concen: 93.141 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

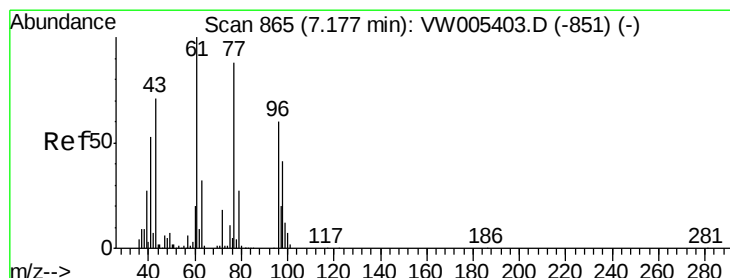
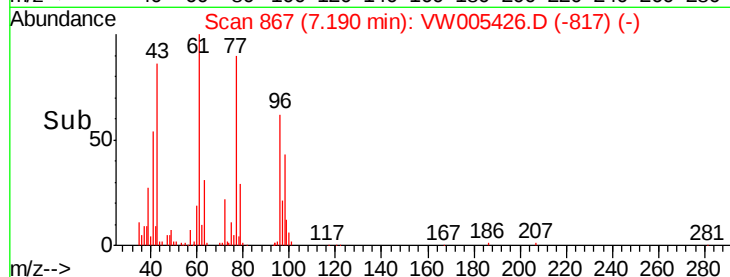
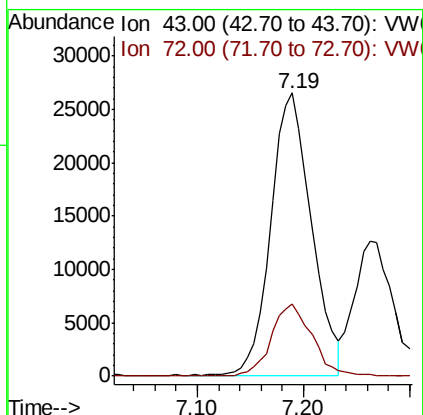
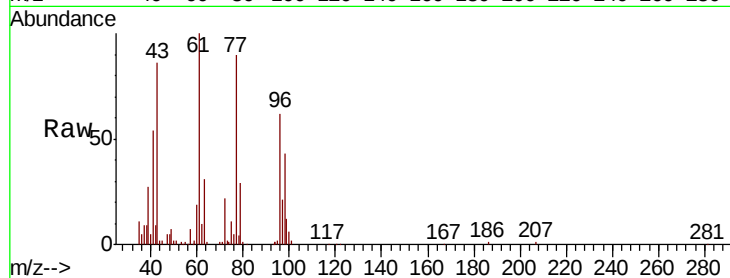
VW0917SBSD01

Tgt Ion: 43 Resp: 70375

Ion Ratio Lower Upper

43 100

72 25.3 21.1 31.7



#26

2,2-Dichloropropane

Concen: 20.721 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005426.D

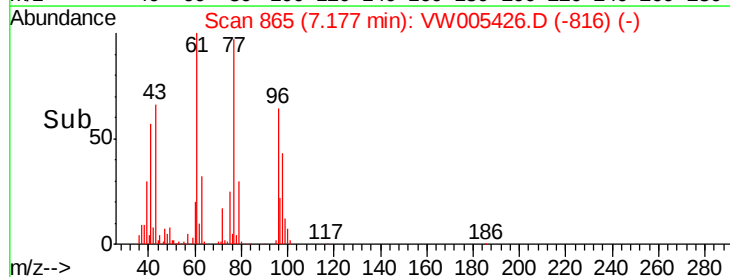
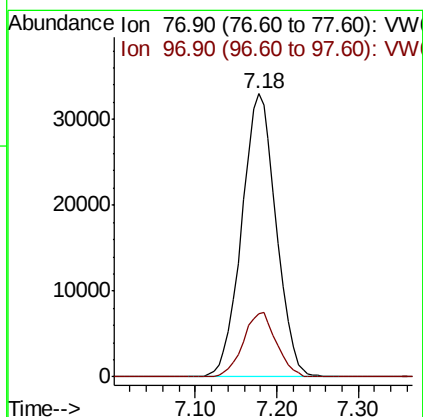
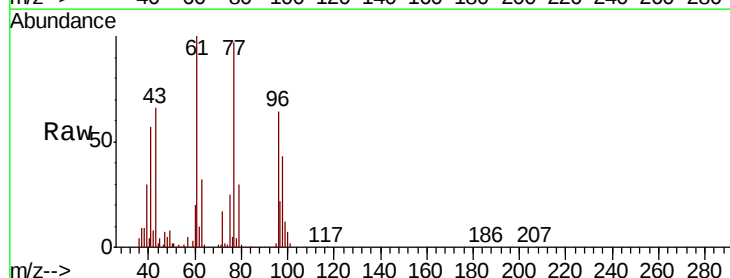
Acq: 17 Sep 2018 12:06

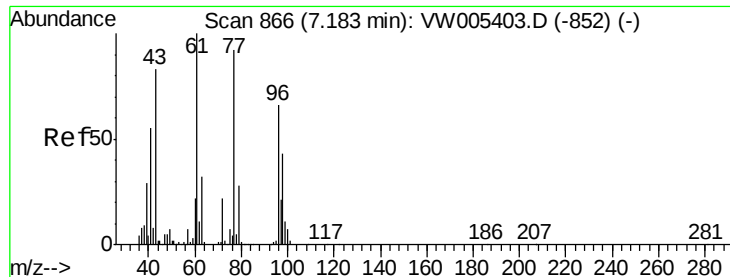
Tgt Ion: 77 Resp: 96594

Ion Ratio Lower Upper

77 100

97 21.9 10.7 32.1



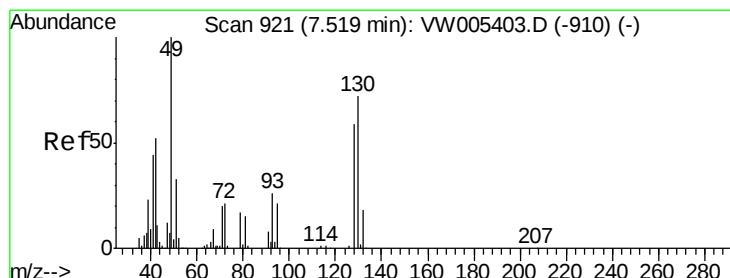
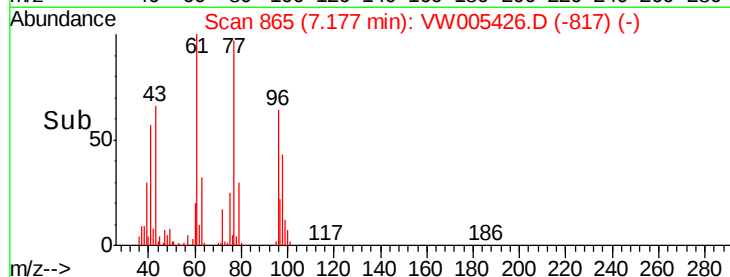
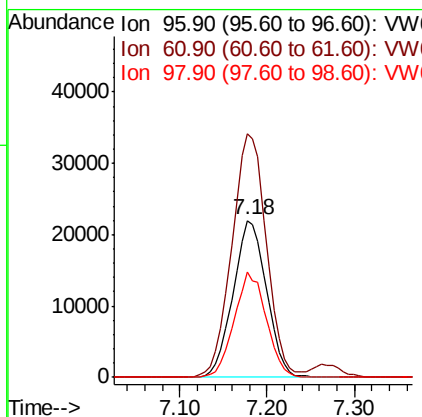
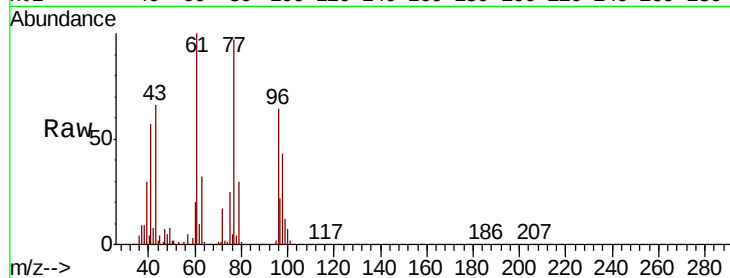


#27

cis-1,2-Dichloroethene
 Concen: 19.164 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

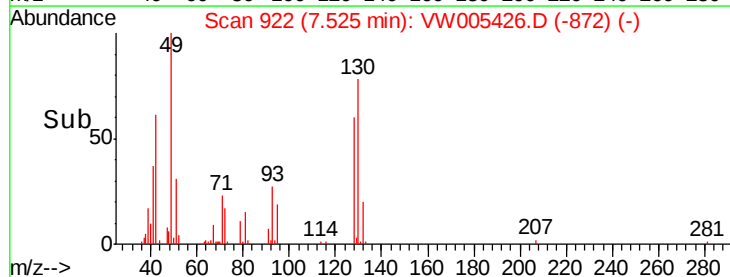
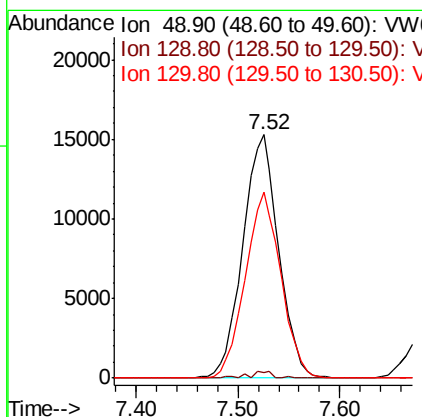
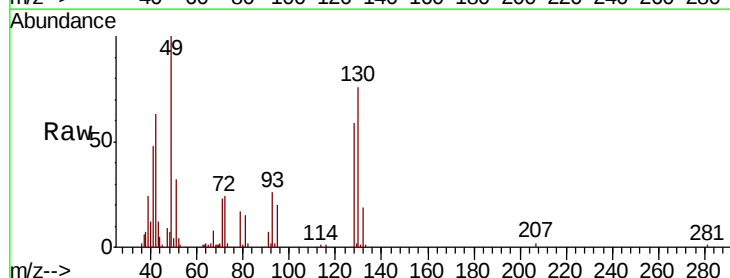
Tgt Ion: 96 Resp: 58284
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 316.0
 98 64.4 0.0 130.8

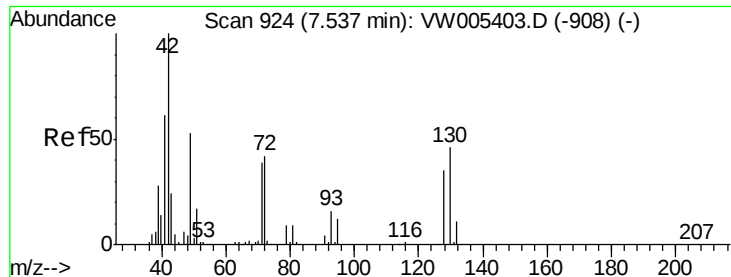


#28

Bromochloromethane
 Concen: 18.458 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 49 Resp: 37309
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 1.0#
 130 75.9 61.4 92.2

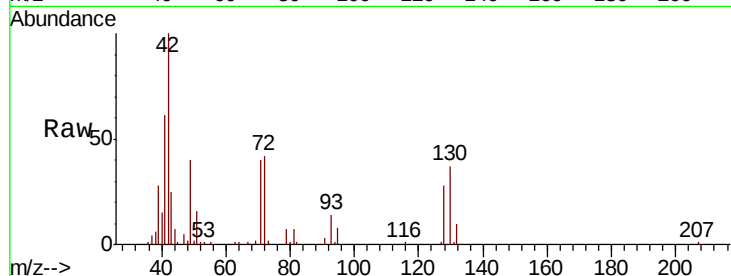




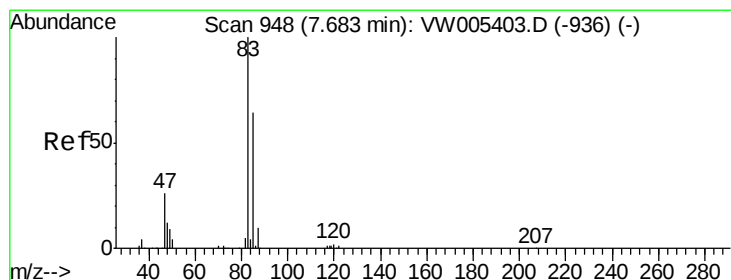
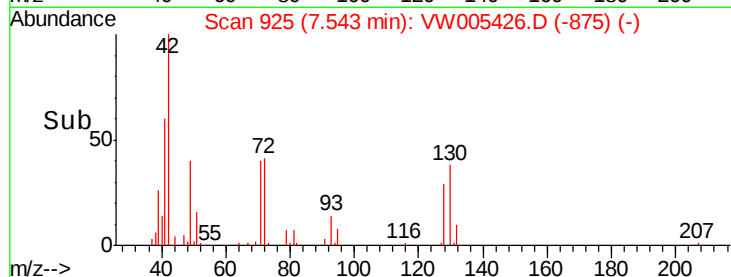
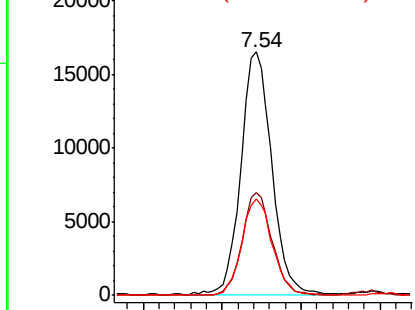
#29
Tetrahydrofuran
Concen: 94.273 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Tgt Ion: 42 Resp: 45378
Ion Ratio Lower Upper
42 100
72 40.7 33.2 49.8
71 39.0 31.0 46.6

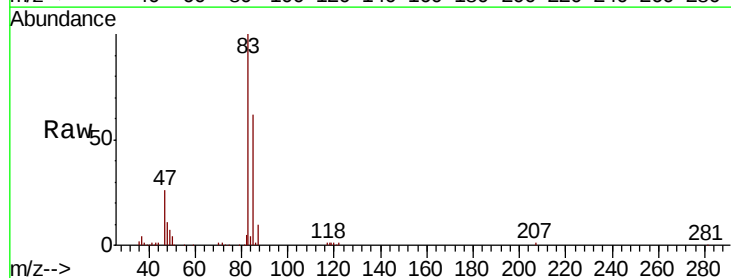


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

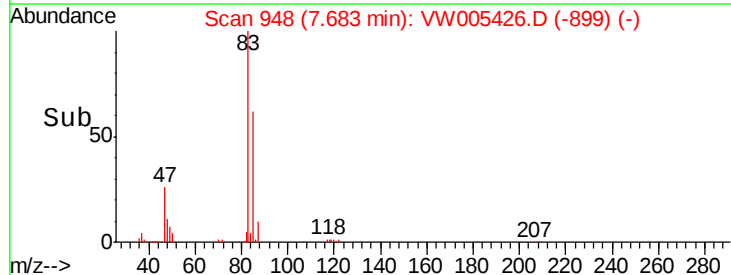
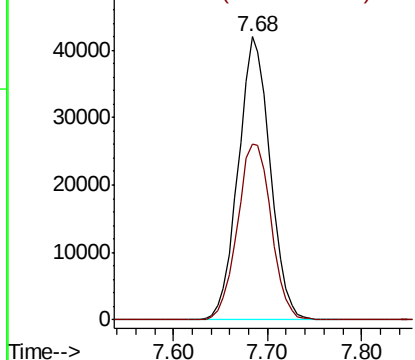


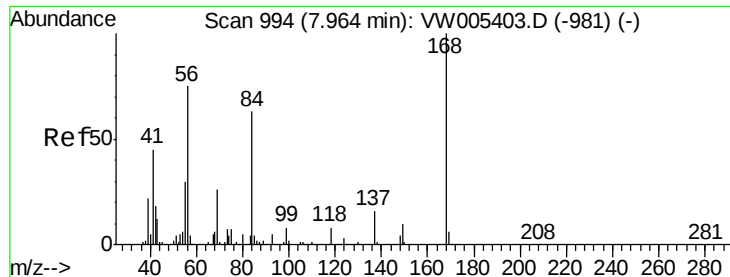
#30
Chloroform
Concen: 18.447 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion: 83 Resp: 99271
Ion Ratio Lower Upper
83 100
85 62.0 51.5 77.3



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

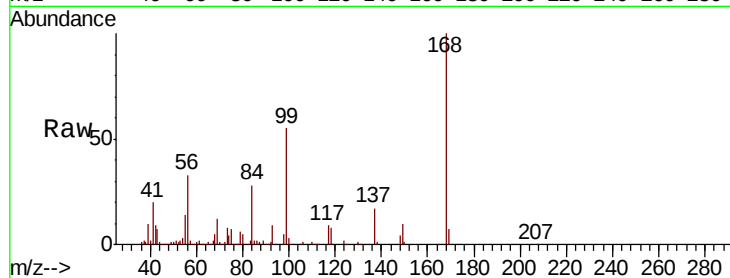




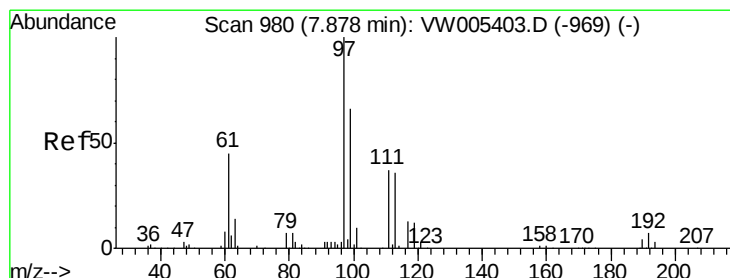
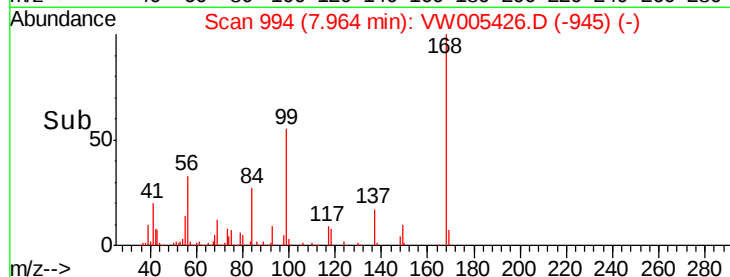
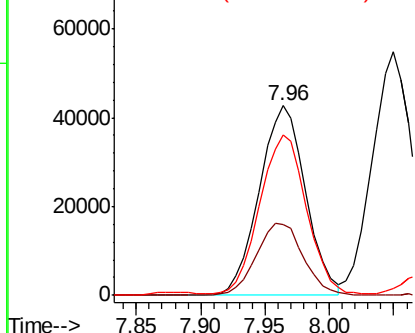
#31
Cyclohexane
Concen: 21.229 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Tgt Ion: 56 Resp: 106424
Ion Ratio Lower Upper
56 100
69 37.5 27.2 40.8
84 82.9 66.7 100.1

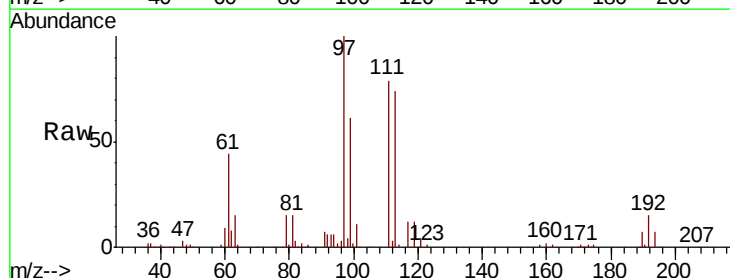


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

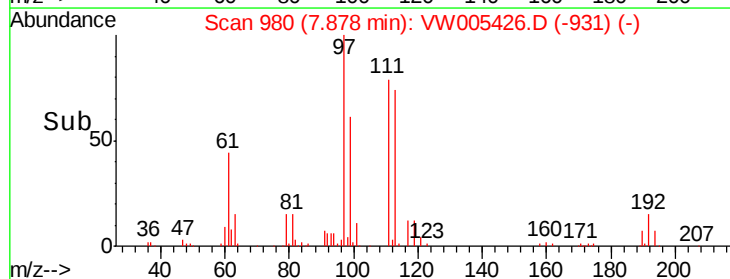
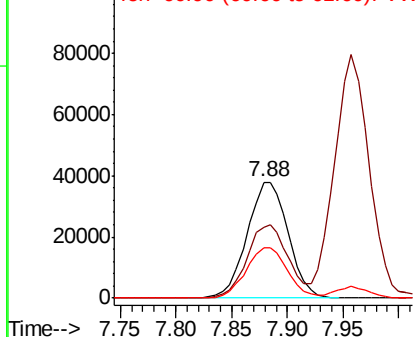


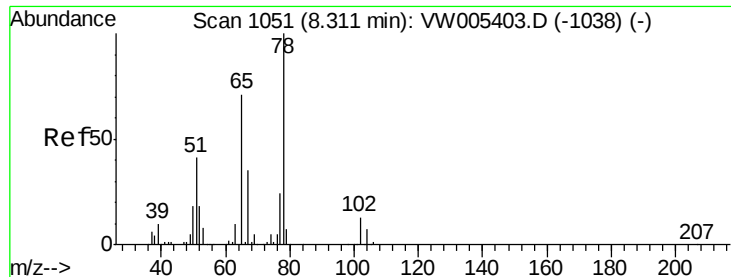
#32
1,1,1-Trichloroethane
Concen: 19.372 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion: 97 Resp: 96939
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 44.6 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: 42.922 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

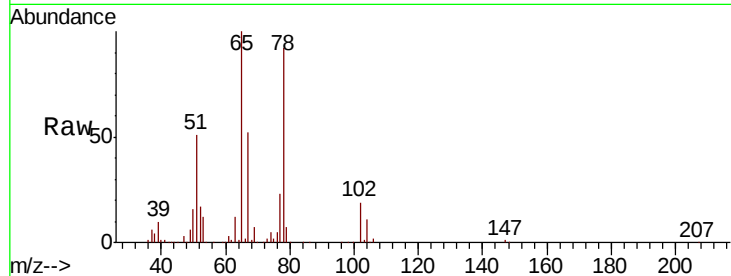
VW0917SBS01

Tgt Ion: 65 Resp: 134818

Ion Ratio Lower Upper

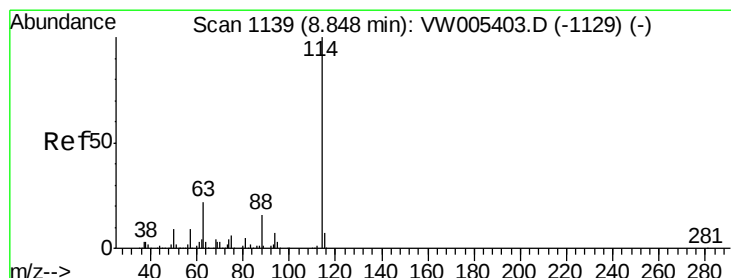
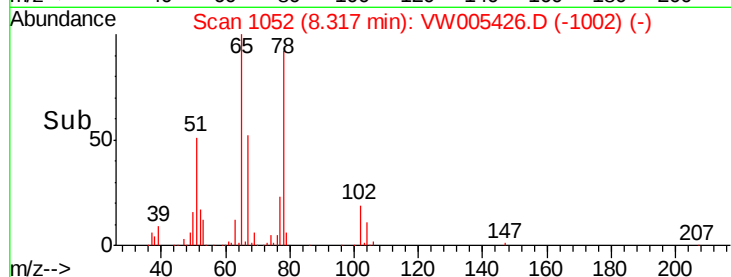
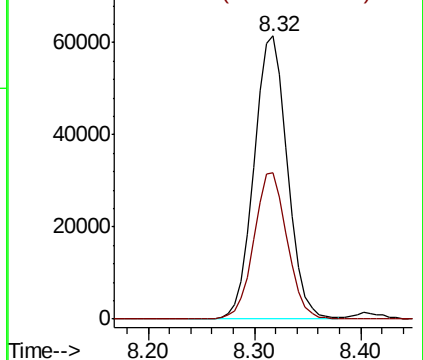
65 100

67 51.9 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

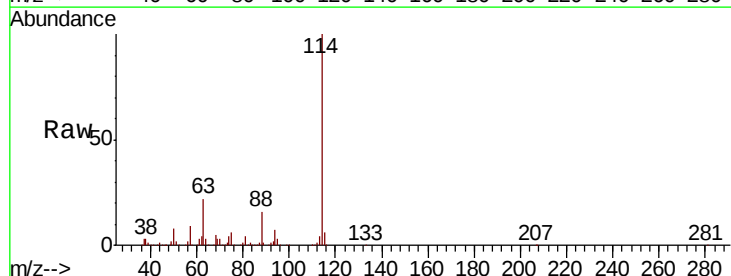
Tgt Ion: 114 Resp: 442322

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

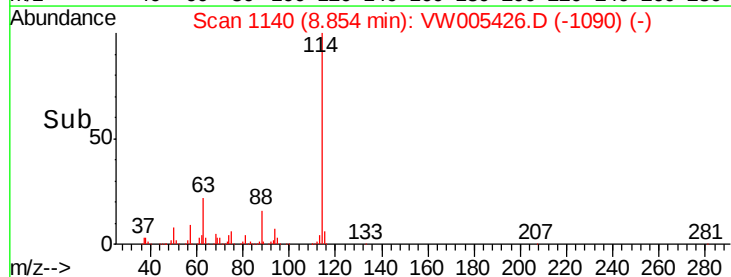
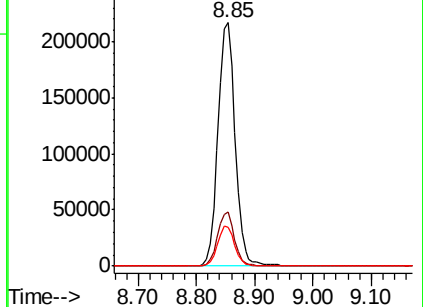
88 16.1 0.0 31.8

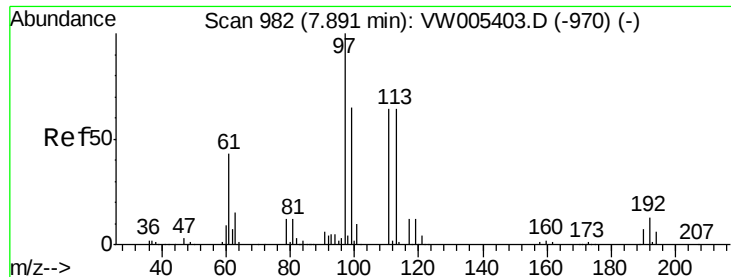


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

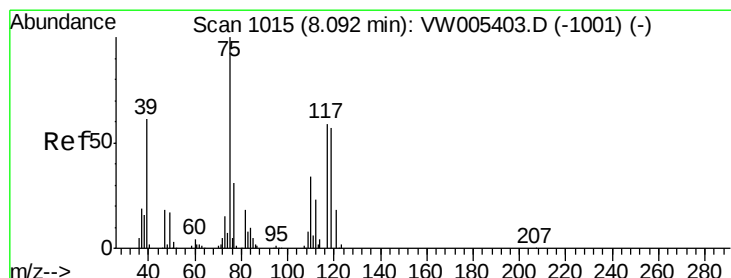
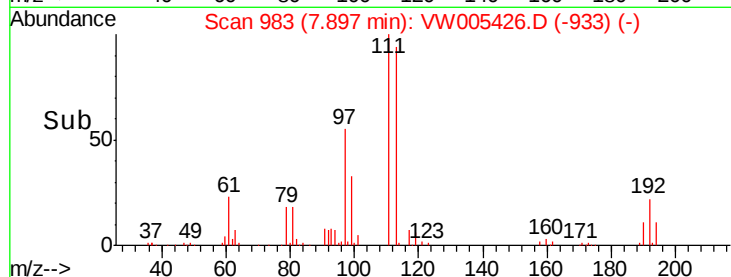
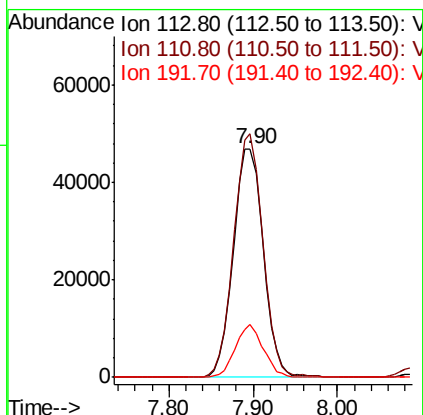
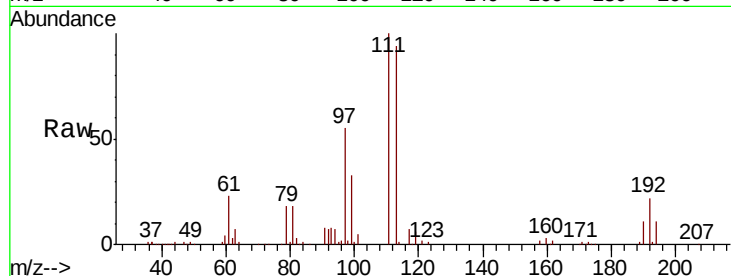




#35
 Dibromofluoromethane
 Concen: 45.567 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

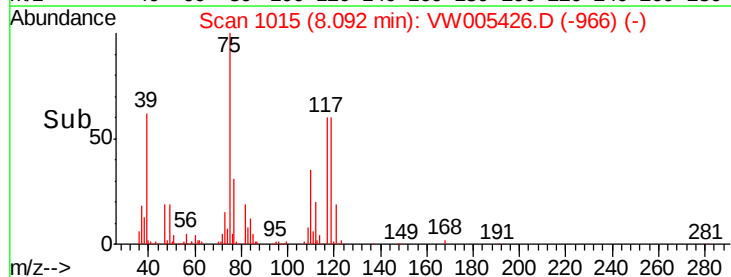
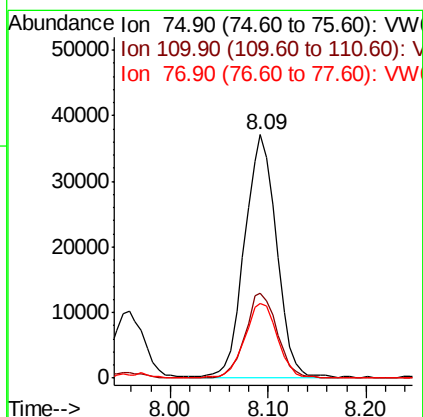
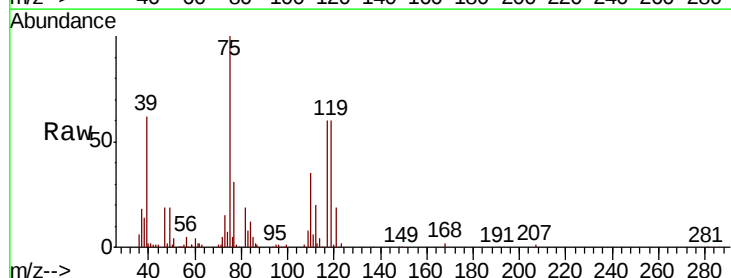
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

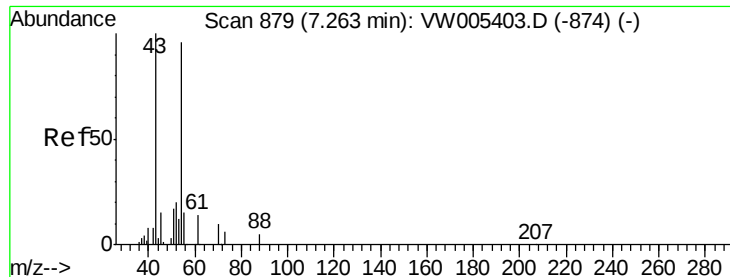
Tgt Ion: 113 Resp: 113009
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.3 123.5
 192 21.3 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 20.061 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 75 Resp: 83977
 Ion Ratio Lower Upper
 75 100
 110 34.8 16.8 50.4
 77 31.8 24.2 36.4

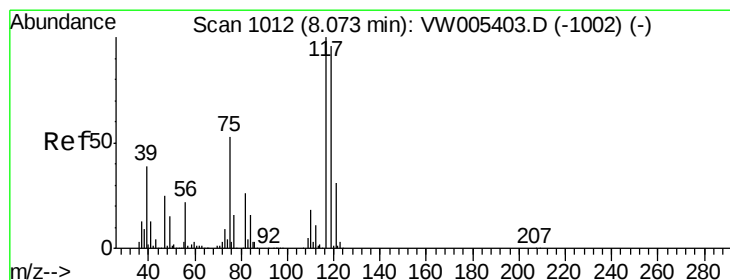
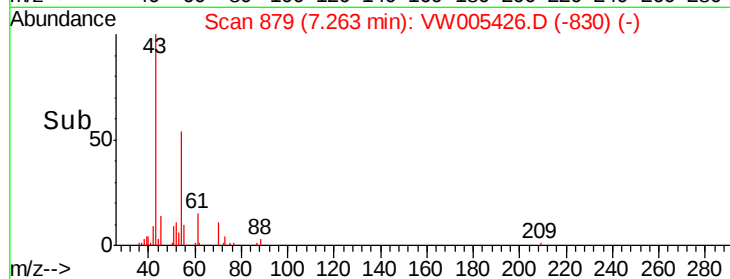
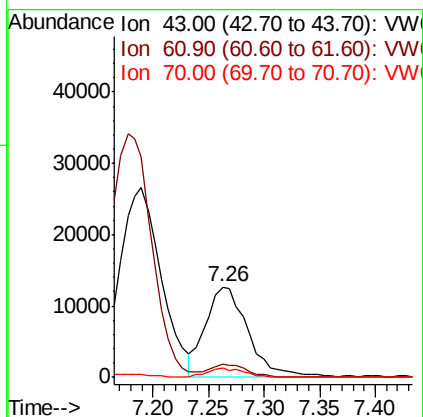
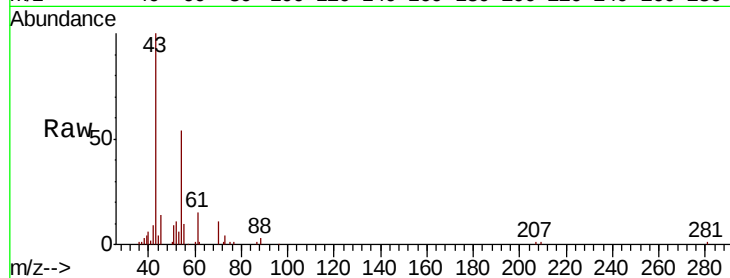




#37
 Ethyl Acetate
 Concen: 19.417 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

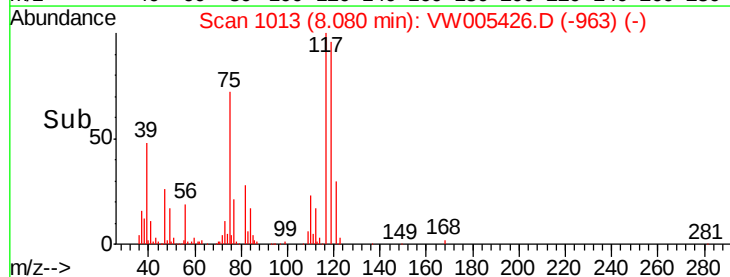
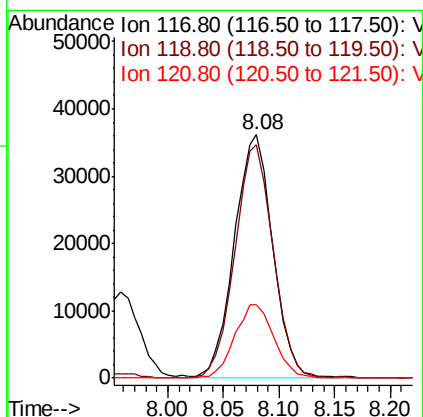
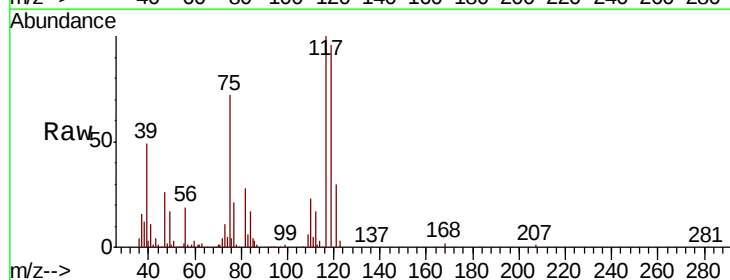
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

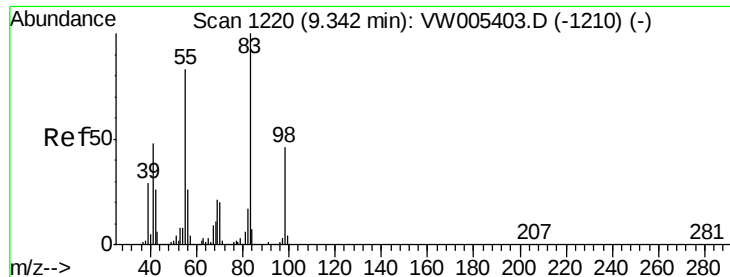
Tgt Ion: 43 Resp: 33055
 Ion Ratio Lower Upper
 43 100
 61 13.2 11.3 16.9
 70 9.4 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 19.719 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 117 Resp: 86014
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.8 115.2
 121 30.2 24.7 37.1

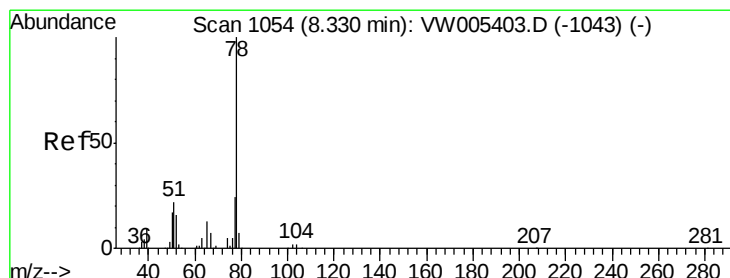
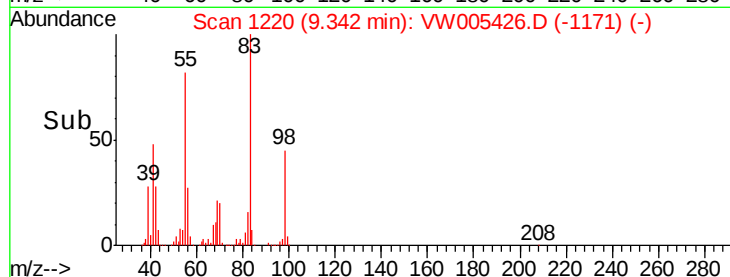
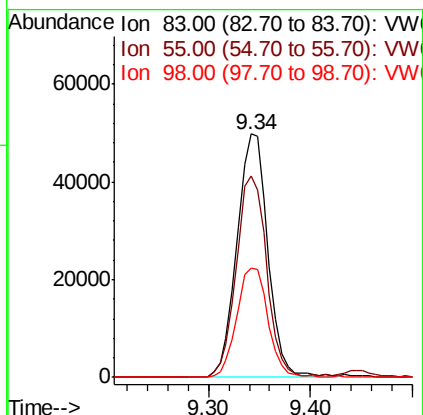
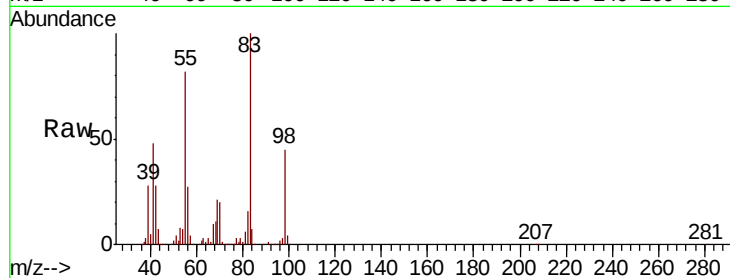




#39
Methylcyclohexane
Concen: 21.534 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

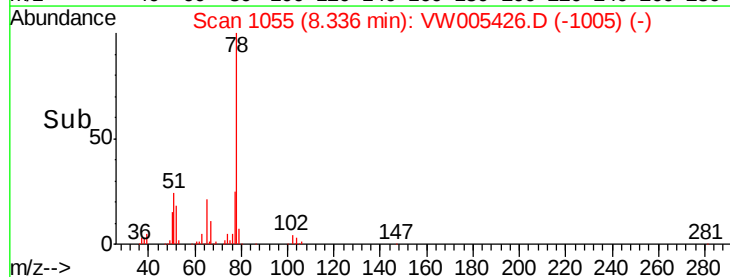
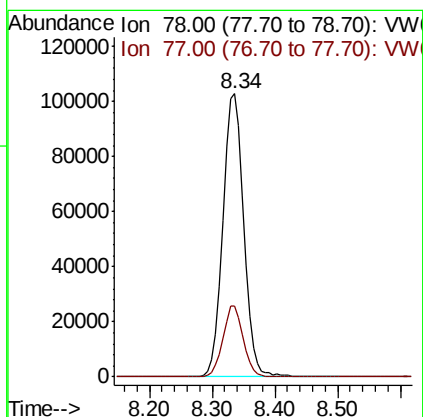
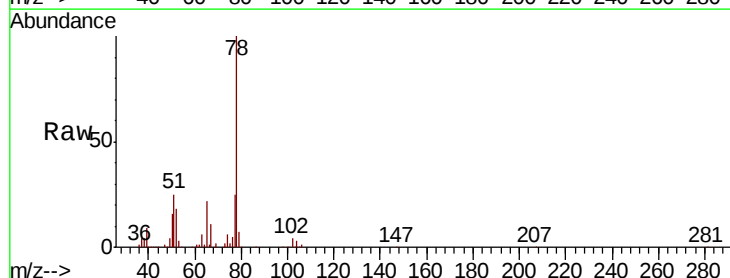
Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

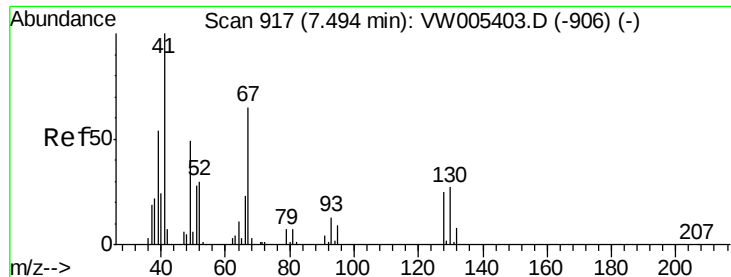
Tgt Ion: 83 Resp: 104742
Ion Ratio Lower Upper
83 100
55 82.5 66.1 99.1
98 44.8 36.7 55.1



#40
Benzene
Concen: 19.540 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion: 78 Resp: 236941
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9

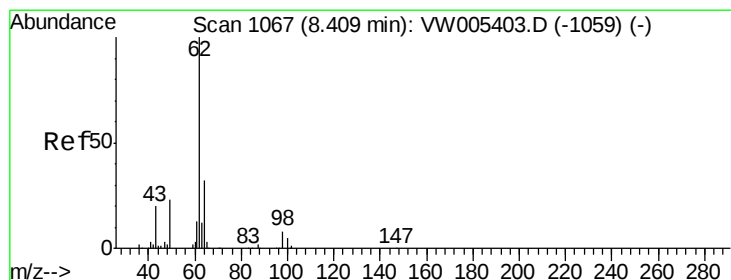
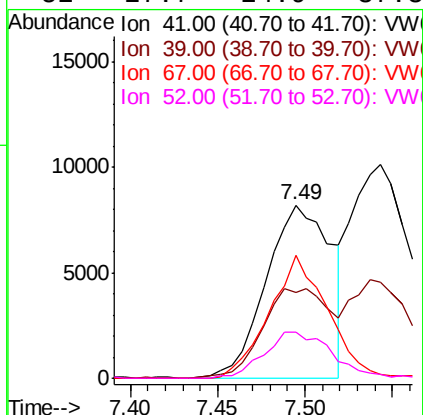
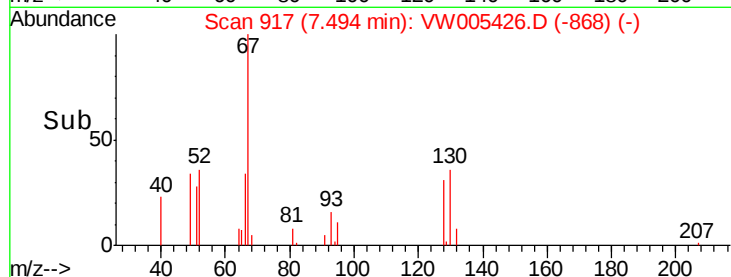
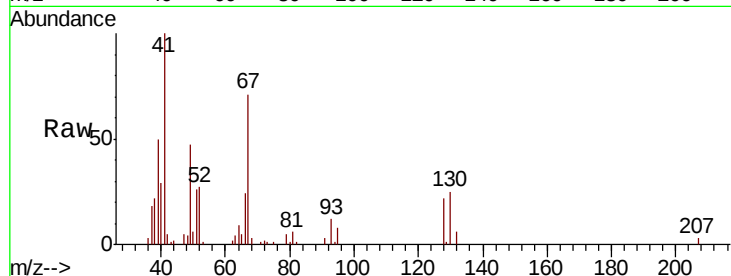




#41
Methacrylonitrile
Concen: 20.820 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

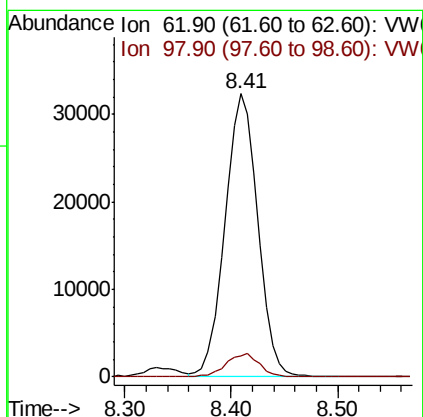
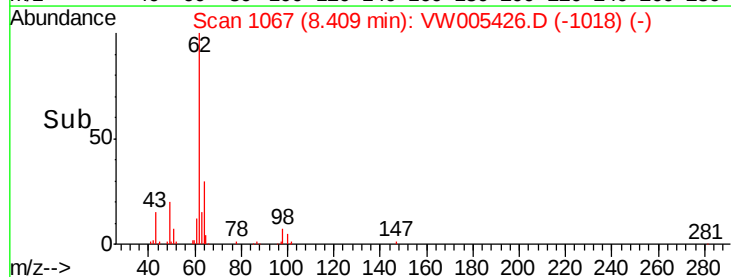
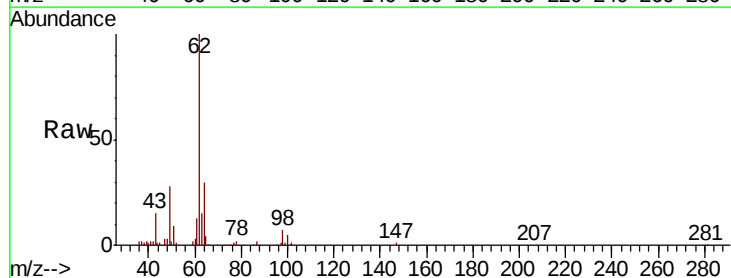
Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

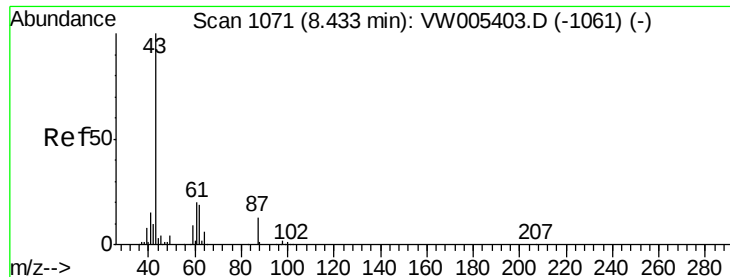
Tgt Ion:	41	Resp:	21383
Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.6	67.0
67	64.1	53.6	80.4
52	27.7	24.9	37.3



#42
1,2-Dichloroethane
Concen: 18.380 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion:	62	Resp:	69759
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 18.600 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

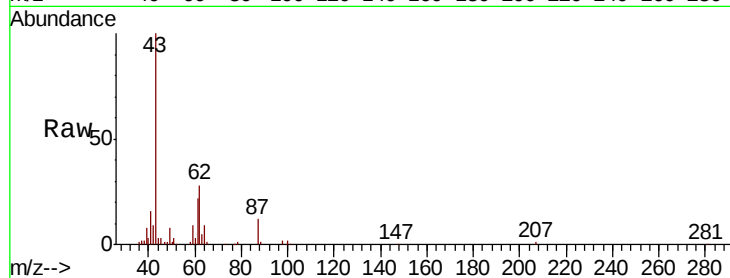
Tgt Ion: 43 Resp: 61793

Ion Ratio Lower Upper

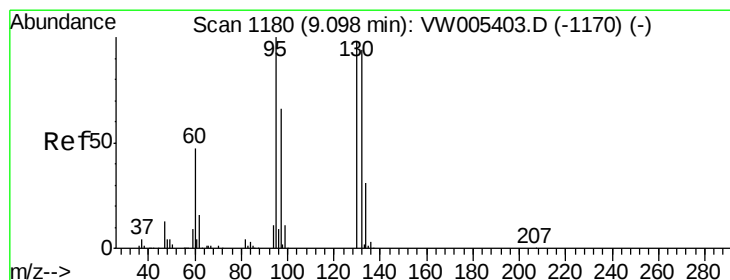
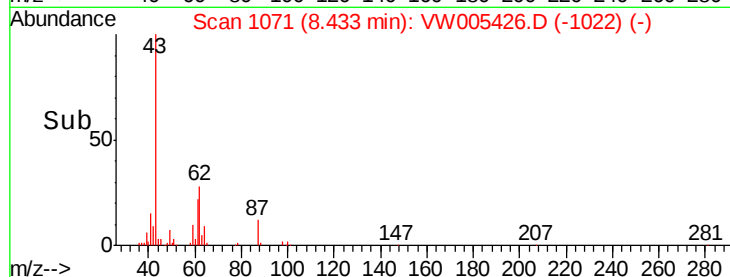
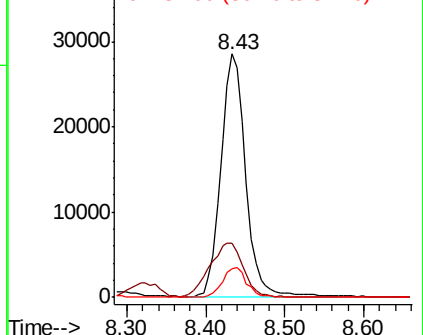
43 100

61 30.9 23.8 35.6

87 12.1 10.1 15.1



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



#44

Trichloroethene

Concen: 19.996 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW005426.D

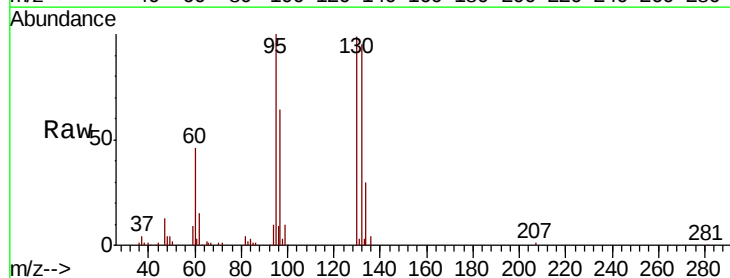
Acq: 17 Sep 2018 12:06

Tgt Ion: 130 Resp: 62409

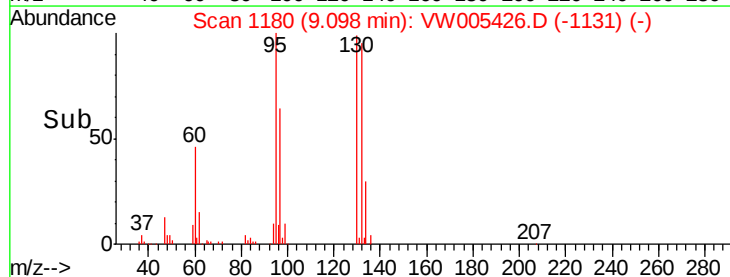
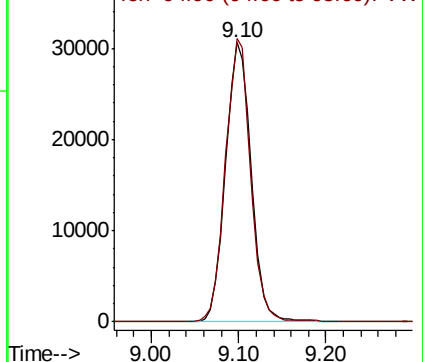
Ion Ratio Lower Upper

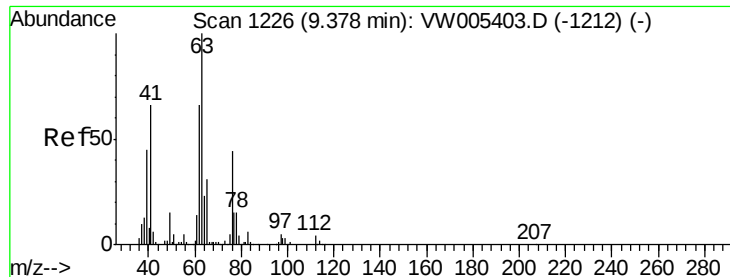
130 100

95 101.4 0.0 204.6



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





#45

1,2-Dichloropropane

Concen: 19.876 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

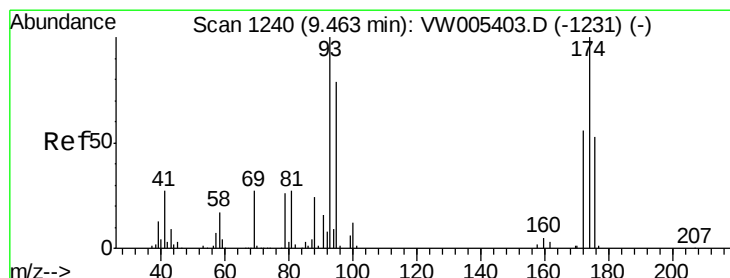
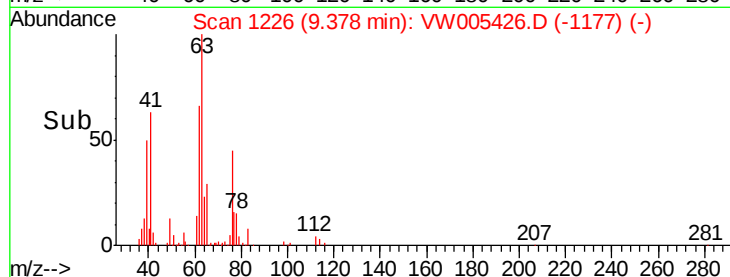
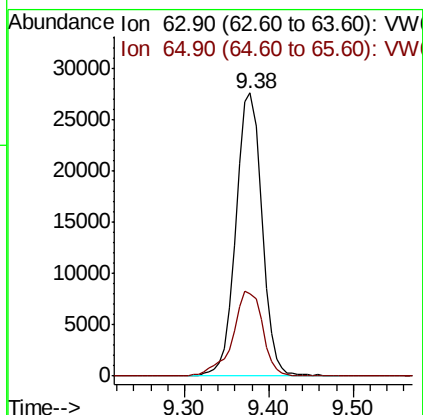
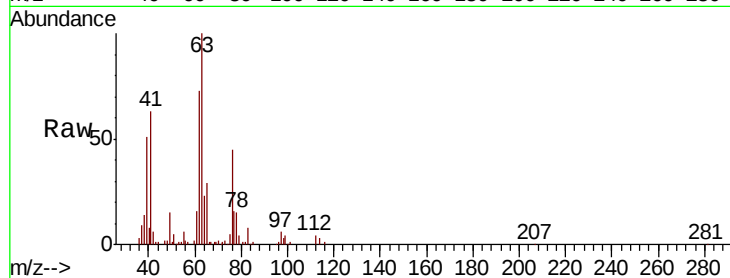
VW0917SBS01

Tgt Ion: 63 Resp: 57584

Ion Ratio Lower Upper

63 100

65 29.0 25.0 37.6



#46

Dibromomethane

Concen: 19.057 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

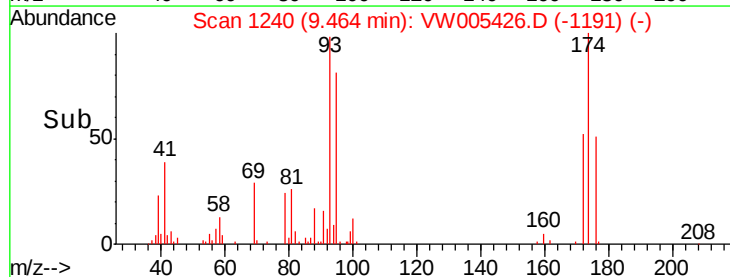
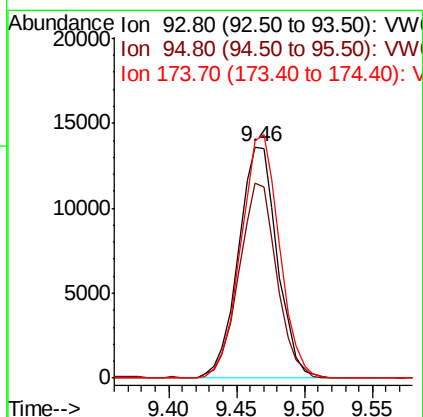
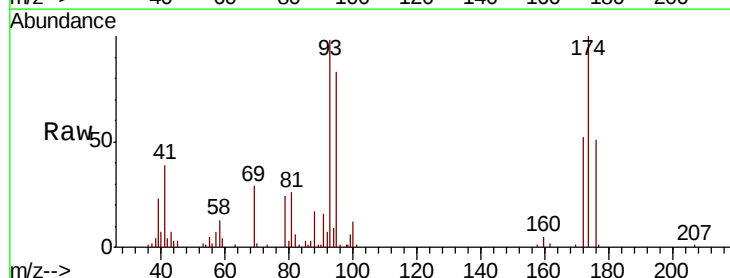
Tgt Ion: 93 Resp: 27160

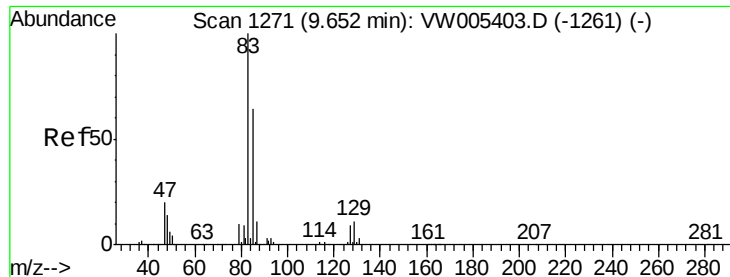
Ion Ratio Lower Upper

93 100

95 81.9 65.4 98.0

174 104.7 83.4 125.2

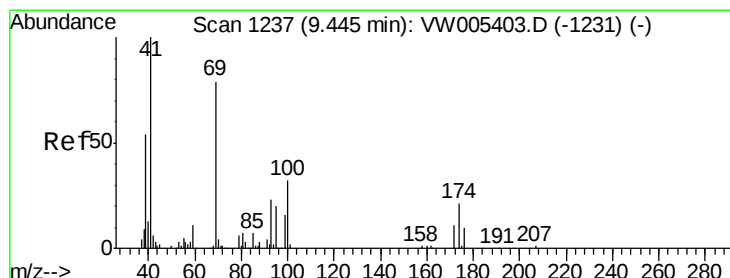
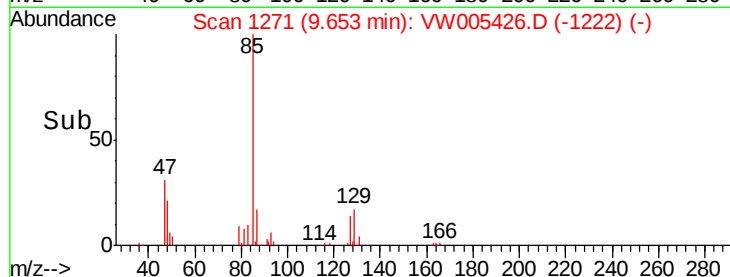
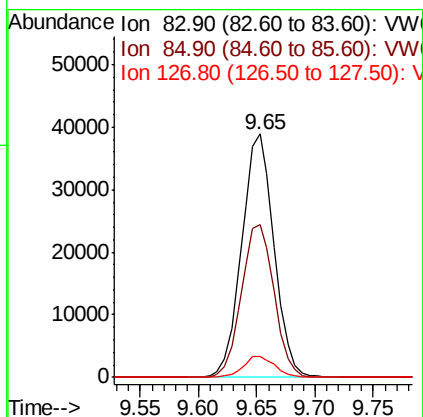
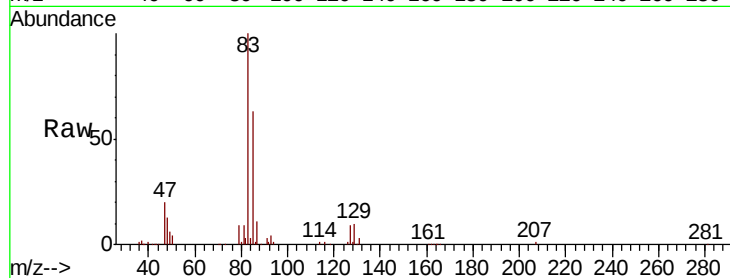




#47
Bromodichloromethane
Concen: 19.457 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

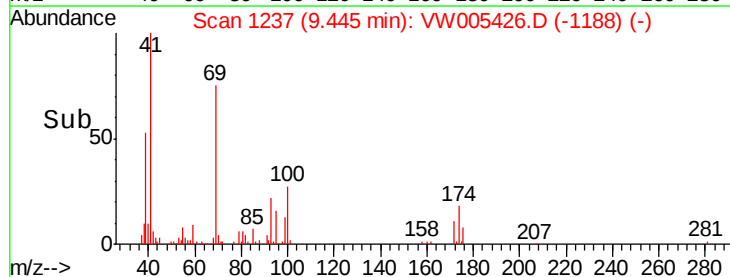
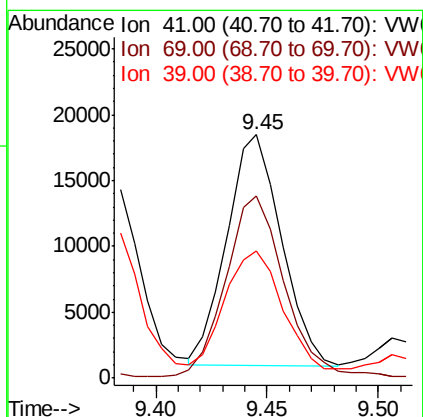
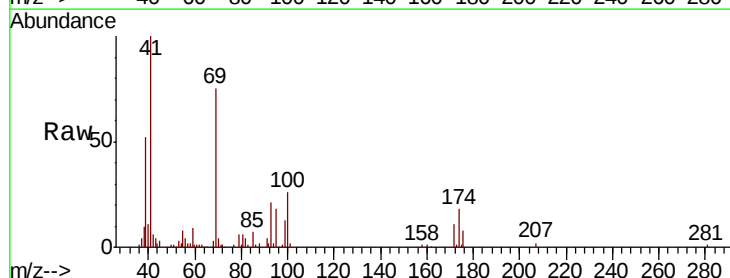
Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

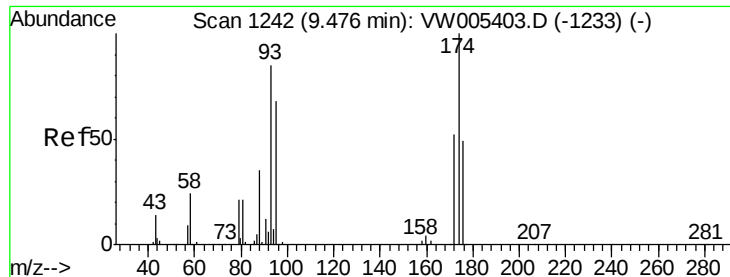
Tgt Ion: 83 Resp: 75130
Ion Ratio Lower Upper
83 100
85 62.7 50.9 76.3
127 8.6 7.0 10.4



#48
Methyl methacrylate
Concen: 18.034 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion: 41 Resp: 29900
Ion Ratio Lower Upper
41 100
69 86.9 67.5 101.3
39 53.9 45.5 68.3





#49

1,4-Dioxane

Concen: 375.432 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

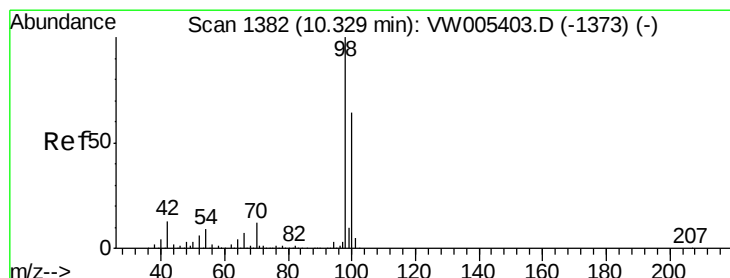
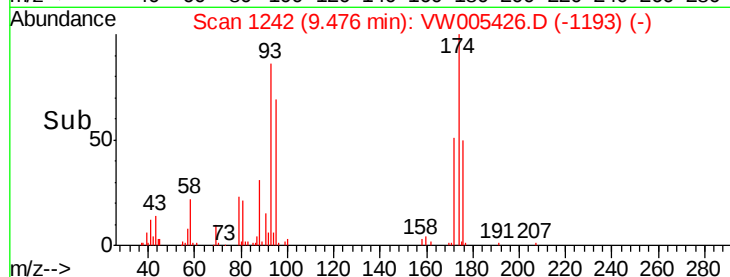
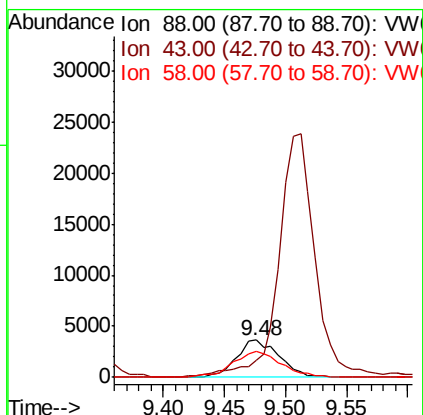
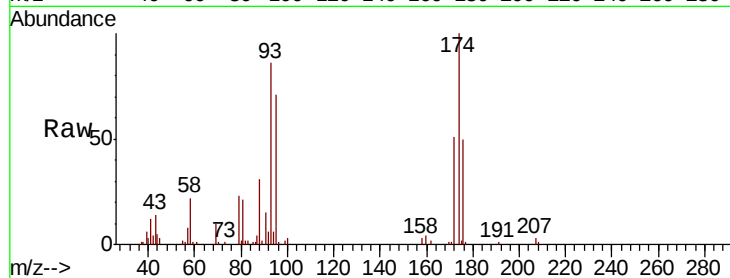
Tgt Ion: 88 Resp: 8918

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.2 62.4 93.6



#50

Toluene-d8

Concen: 48.083 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005426.D

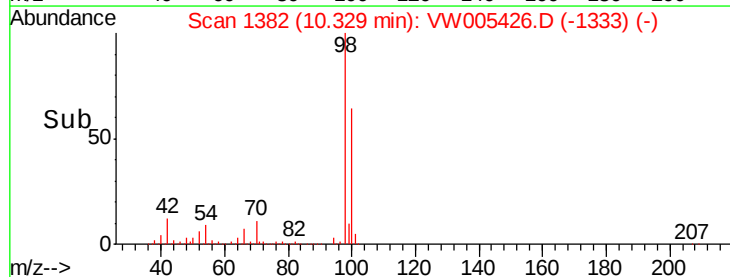
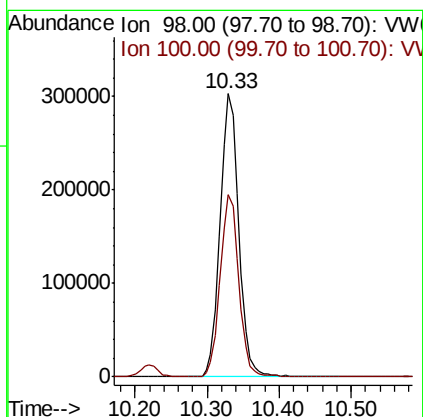
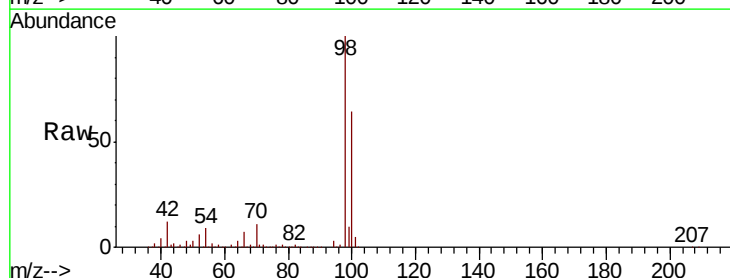
Acq: 17 Sep 2018 12:06

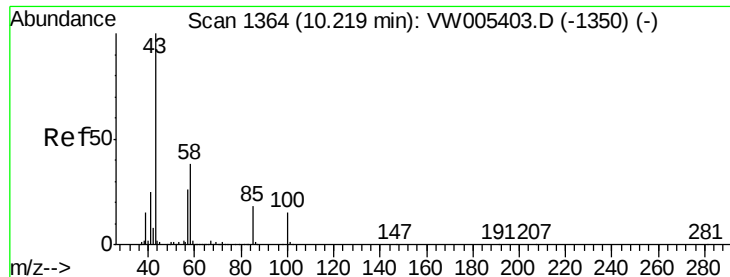
Tgt Ion: 98 Resp: 546104

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

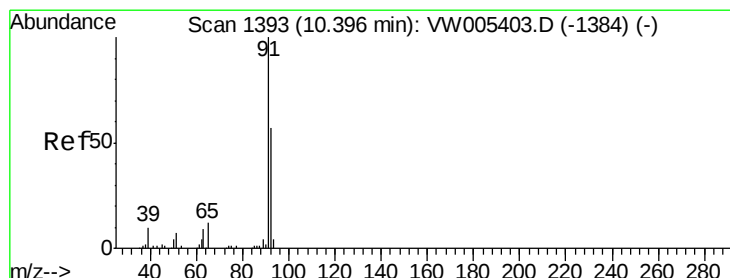
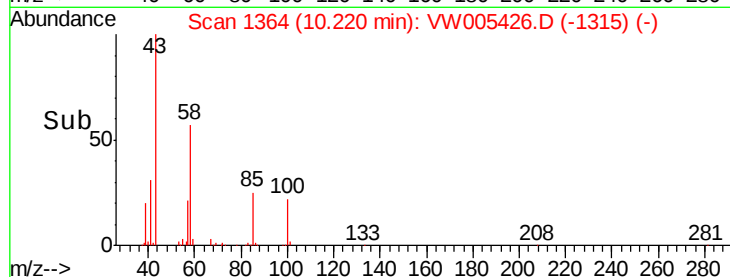
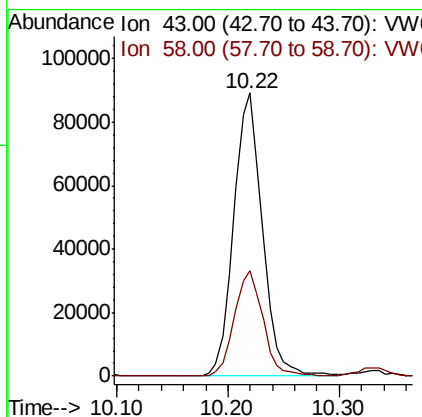
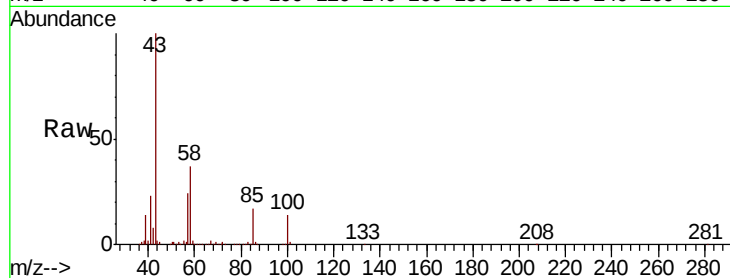




#51
 4-Methyl-2-Pentanone
 Concen: 92.816 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

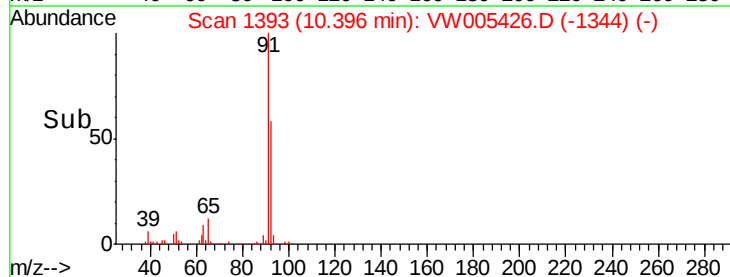
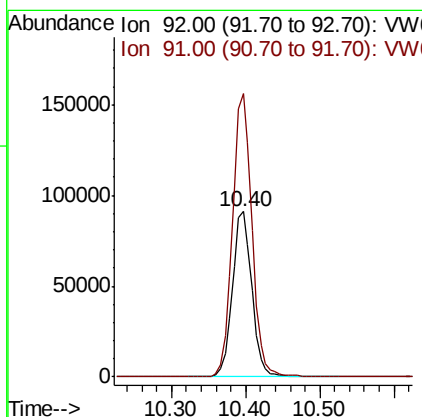
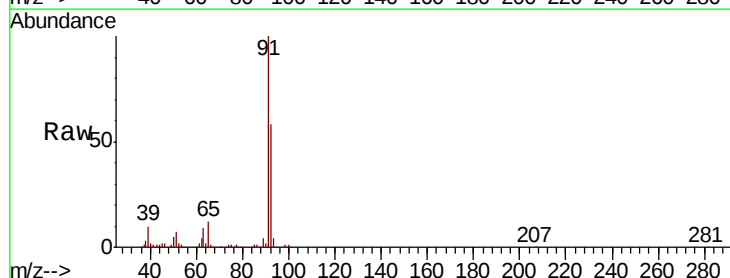
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

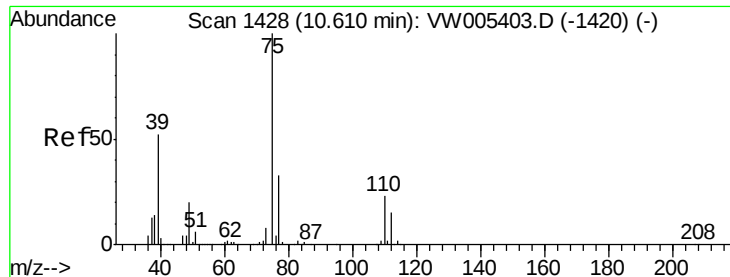
Tgt Ion: 43 Resp: 158739
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.9 44.9



#52
 Toluene
 Concen: 20.325 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 92 Resp: 166912
 Ion Ratio Lower Upper
 92 100
 91 171.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.567 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

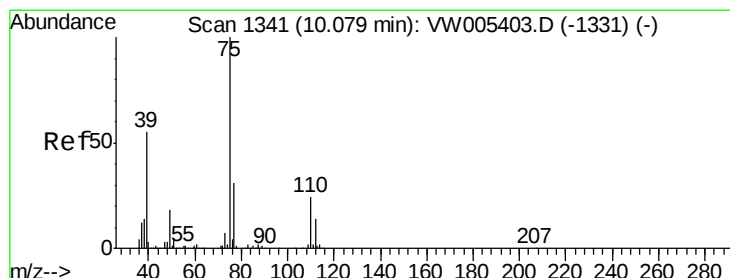
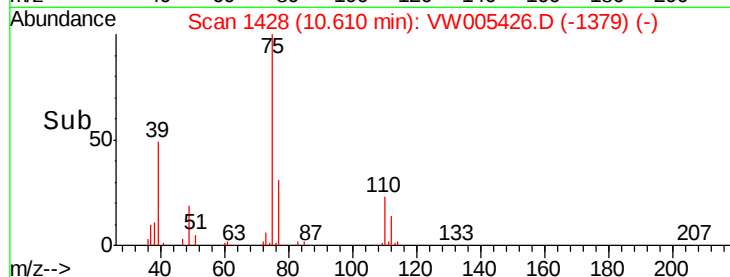
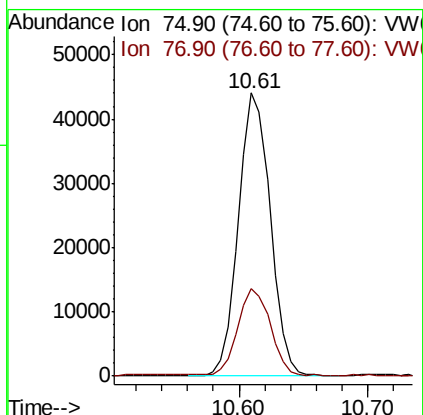
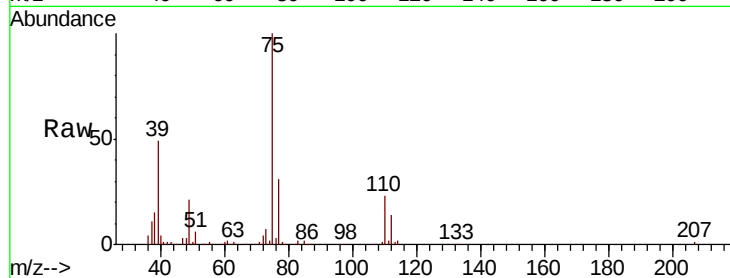
VW0917SBS01

Tgt Ion: 75 Resp: 75616

Ion Ratio Lower Upper

75 100

77 30.9 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 20.332 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

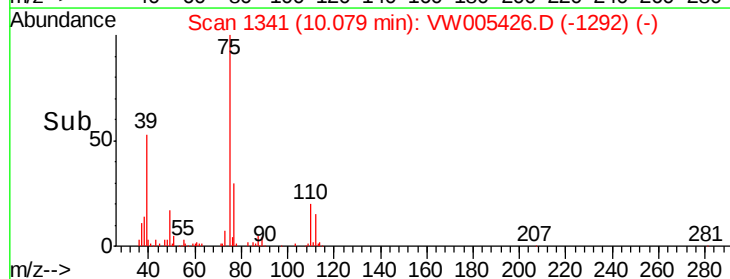
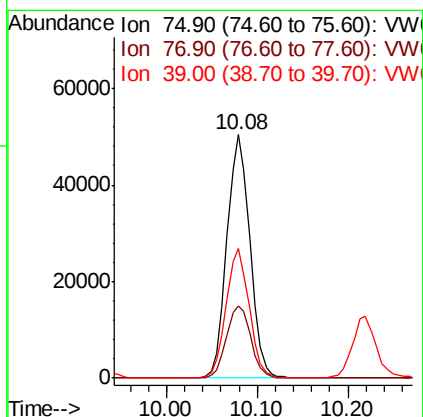
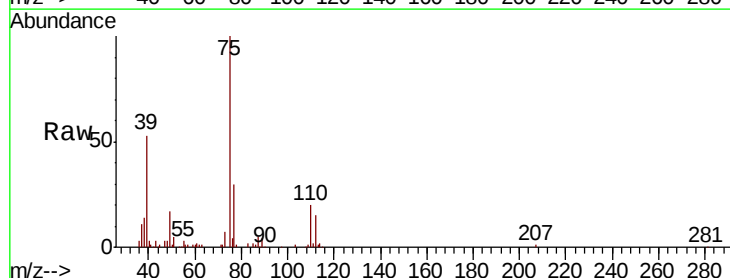
Tgt Ion: 75 Resp: 88964

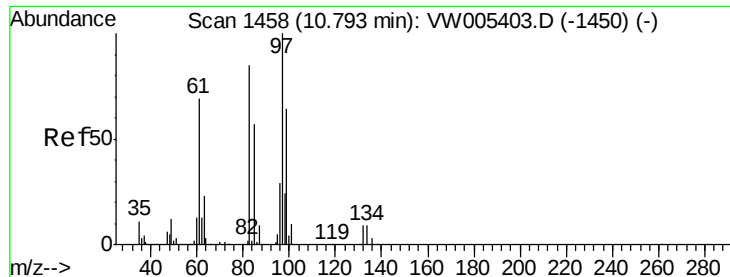
Ion Ratio Lower Upper

75 100

77 29.6 25.0 37.4

39 53.1 44.2 66.2

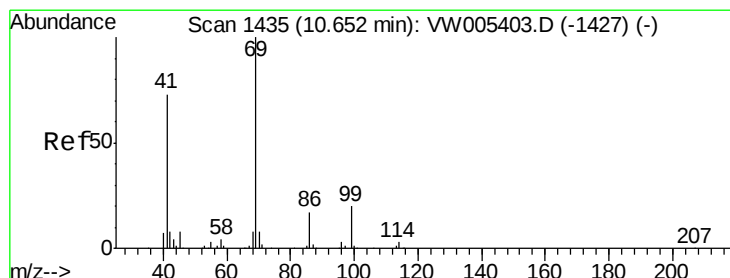
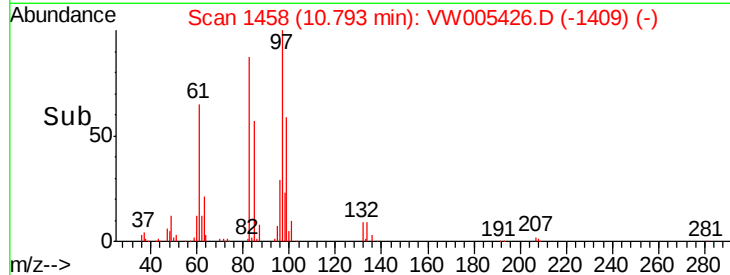
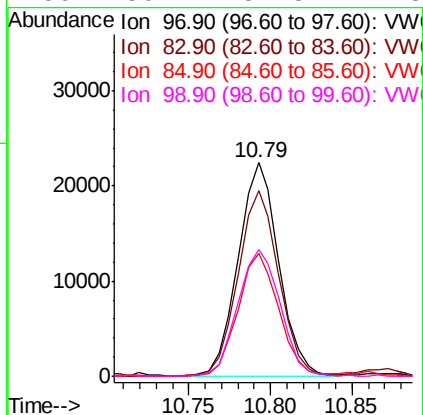
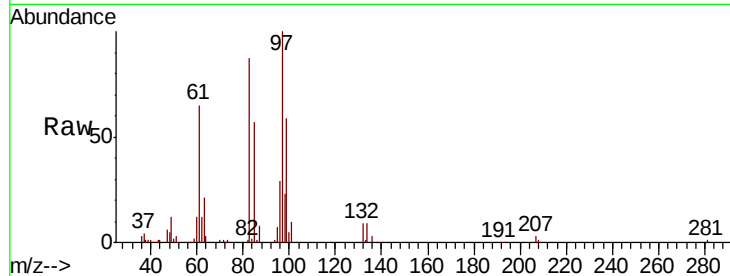




#55
 1,1,2-Trichloroethane
 Concen: 18.363 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

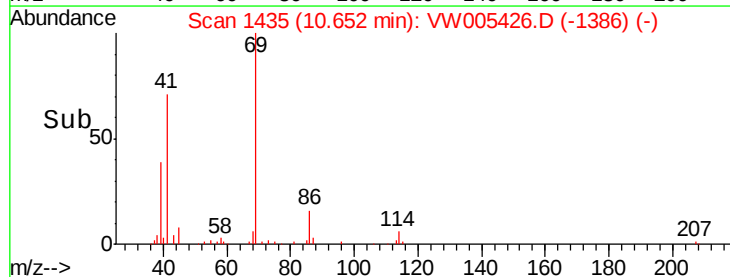
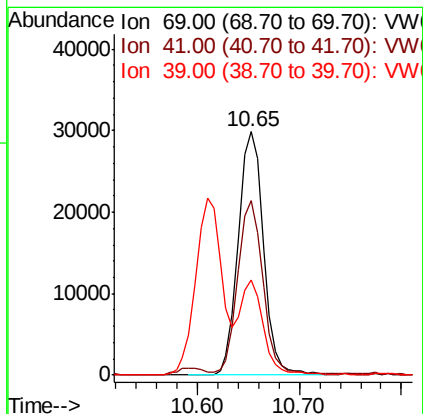
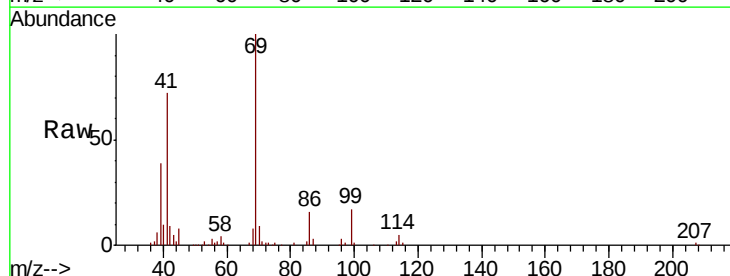
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

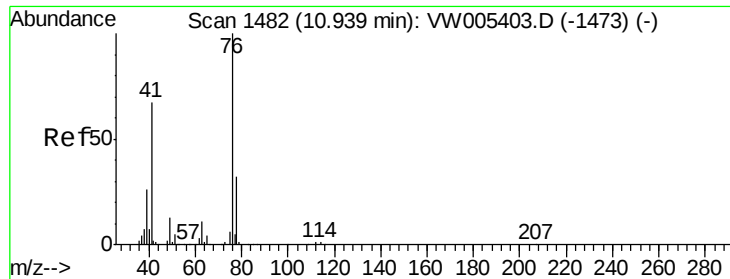
Tgt Ion:	97	Resp:	38897
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.8	101.8
85	57.0	45.4	68.0
99	59.4	51.5	77.3



#56
 Ethyl methacrylate
 Concen: 19.153 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion:	69	Resp:	51351
Ion	Ratio	Lower	Upper
69	100		
41	70.2	59.3	88.9
39	35.7	30.2	45.4

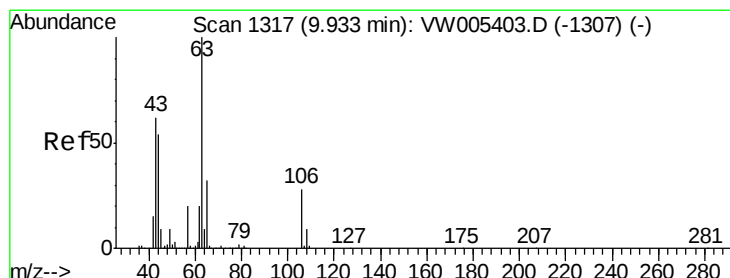
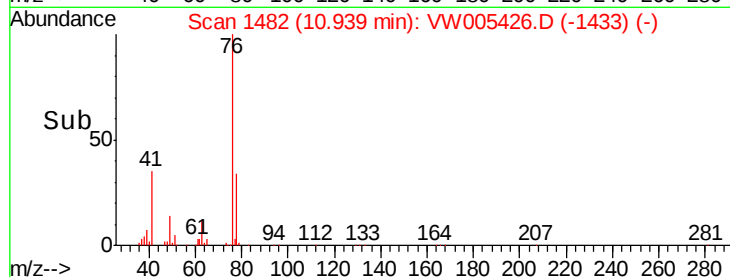
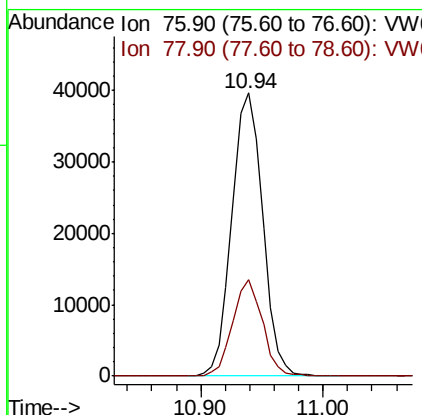
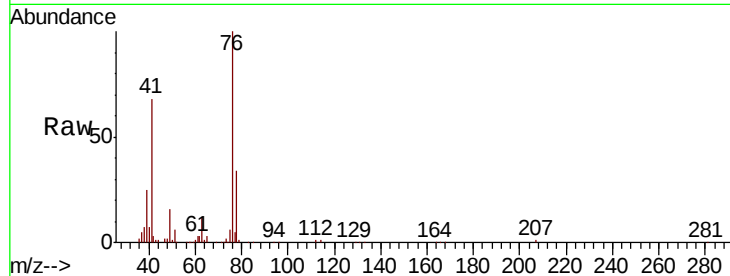




#57
 1,3-Dichloropropane
 Concen: 18.947 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

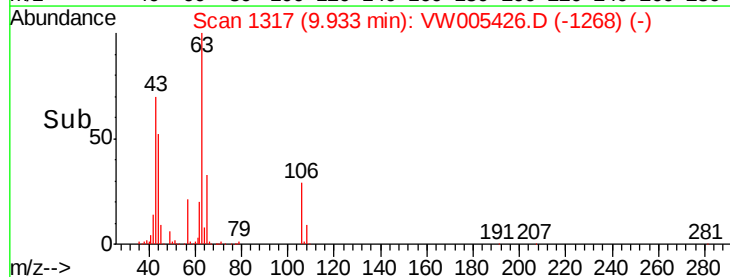
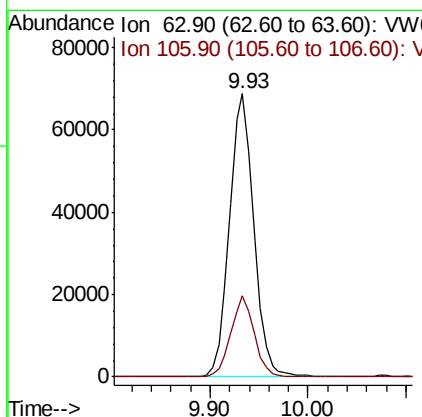
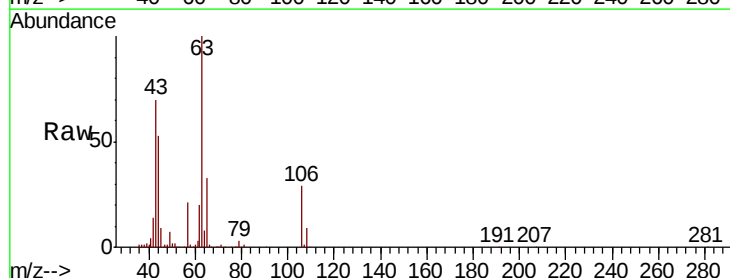
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

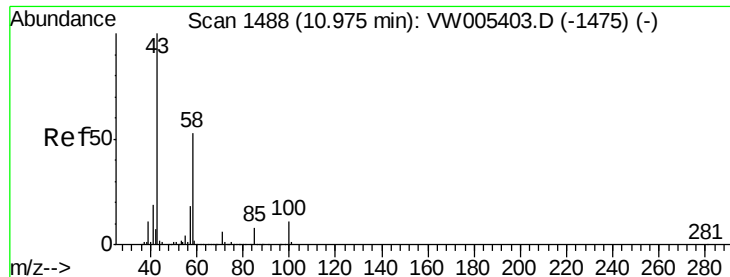
Tgt Ion: 76 Resp: 69274
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.012 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 63 Resp: 118853
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.0 33.0

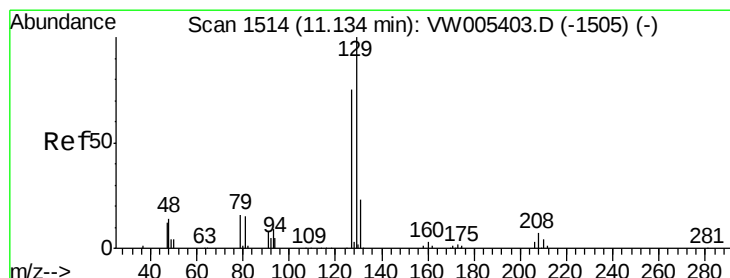
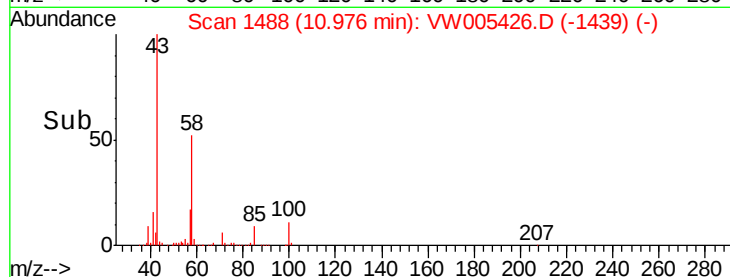
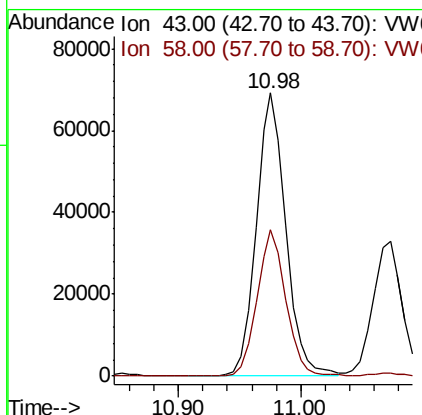
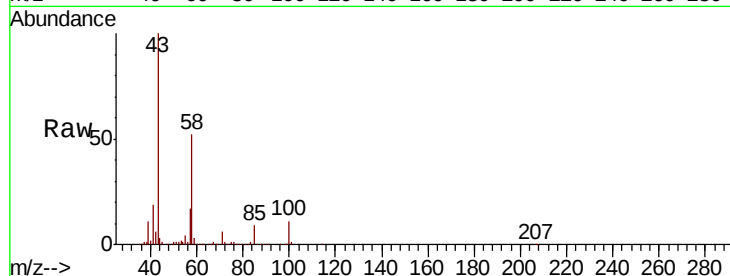




#59
2-Hexanone
Concen: 99.512 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

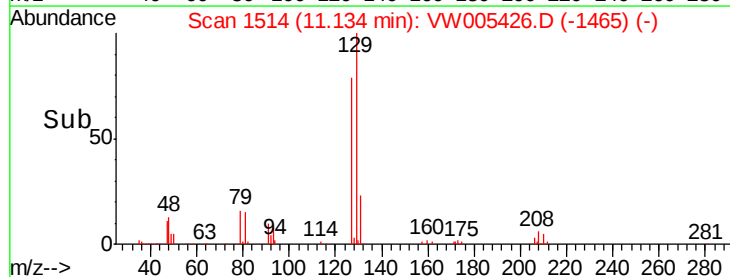
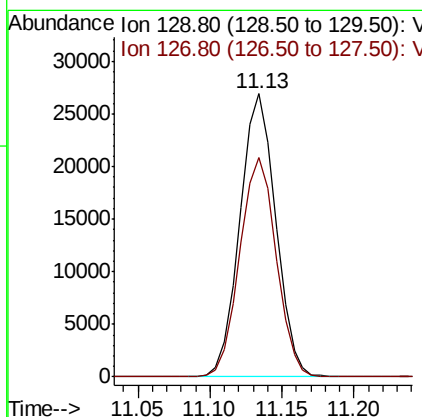
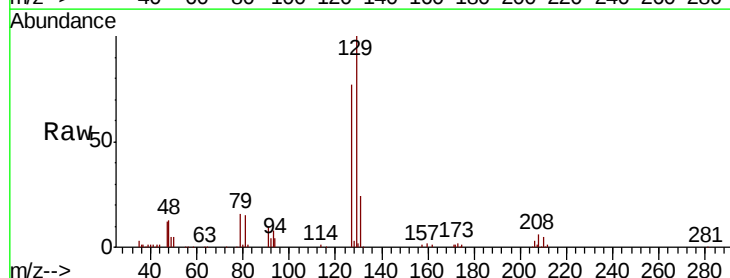
Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

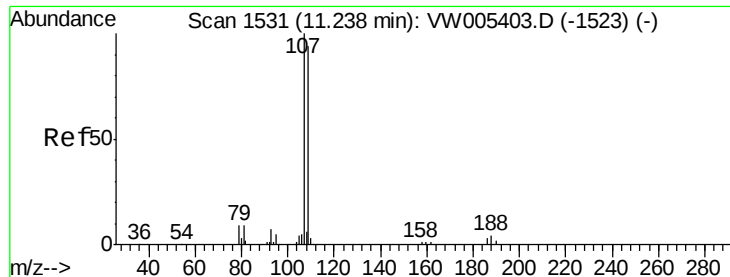
Tgt Ion: 43 Resp: 115928
Ion Ratio Lower Upper
43 100
58 50.7 25.5 76.5



#60
Dibromochloromethane
Concen: 18.274 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion: 129 Resp: 46573
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.3

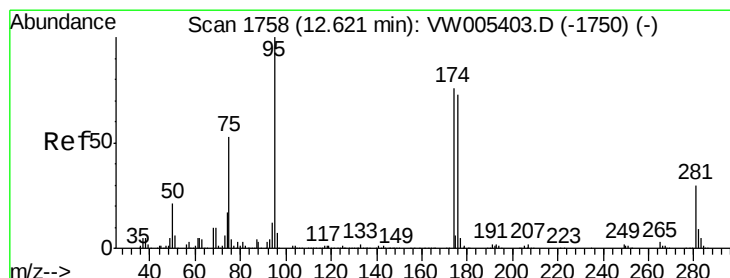
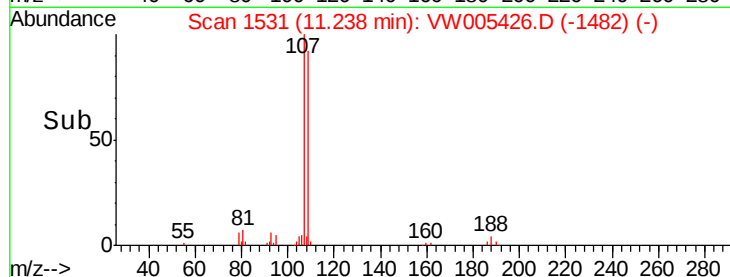
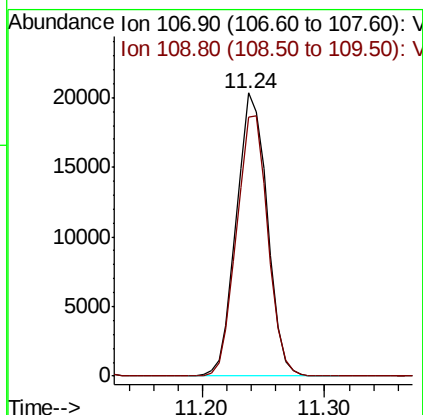
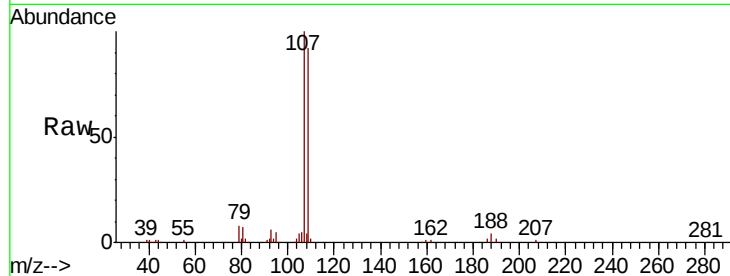




#61
 1,2-Dibromoethane
 Concen: 18.765 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

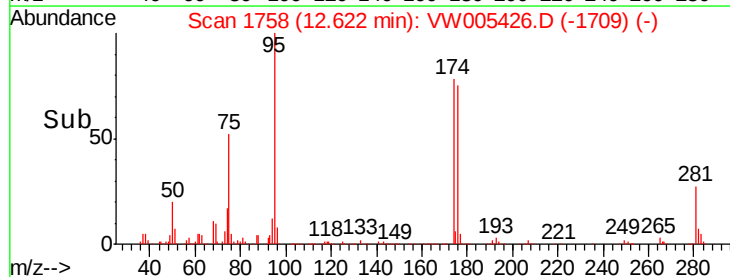
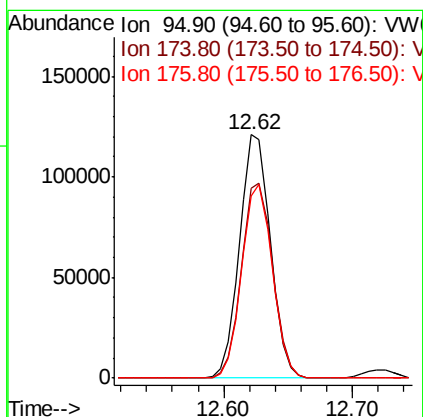
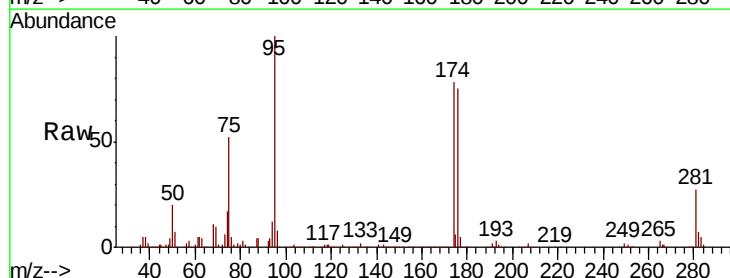
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

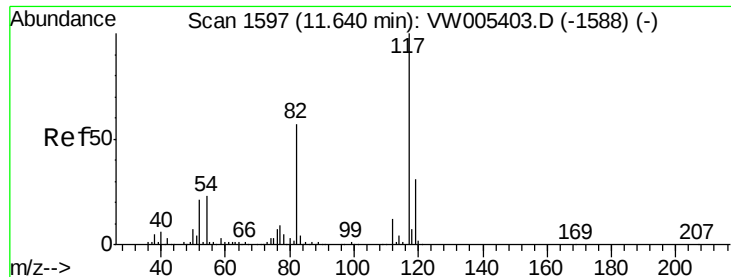
Tgt Ion: 107 Resp: 35648
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.097 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 95 Resp: 200295
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 161.2
 176 78.8 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: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

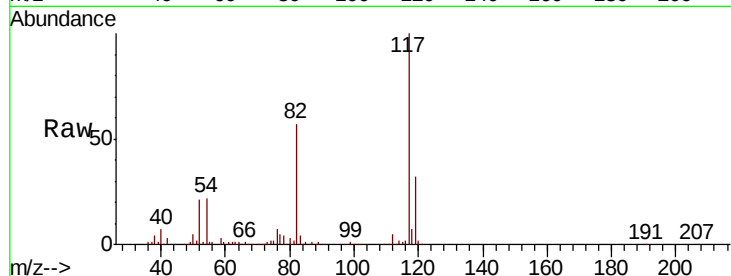
Tgt Ion:117 Resp: 421671

Ion Ratio Lower Upper

117 100

82 56.7 45.9 68.9

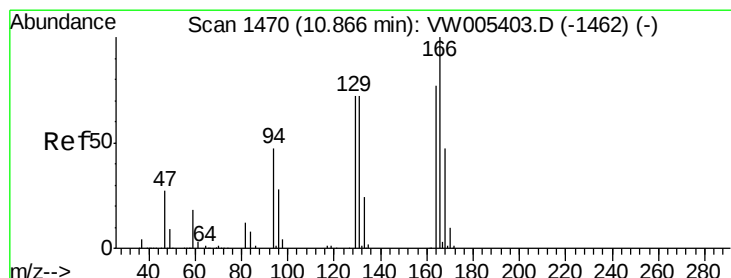
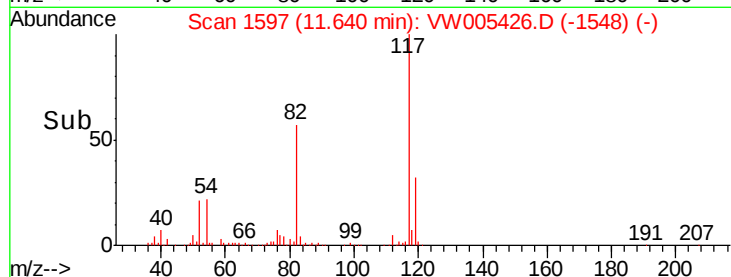
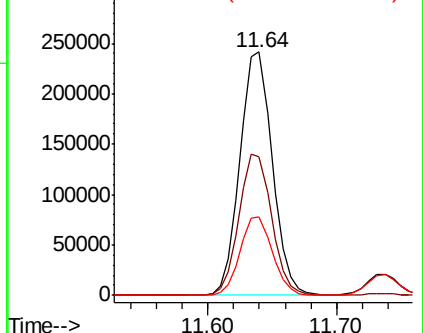
119 32.2 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.743 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion:164 Resp: 61528

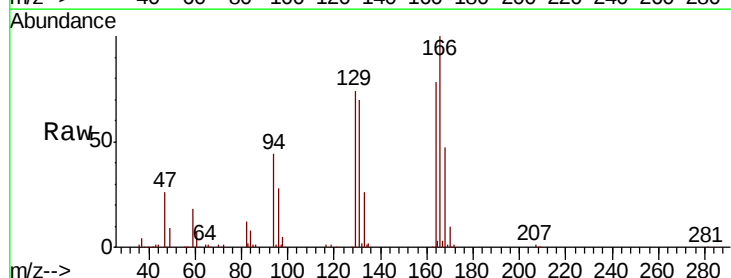
Ion Ratio Lower Upper

164 100

166 128.7 104.0 156.0

129 95.6 74.9 112.3

131 90.3 75.3 112.9

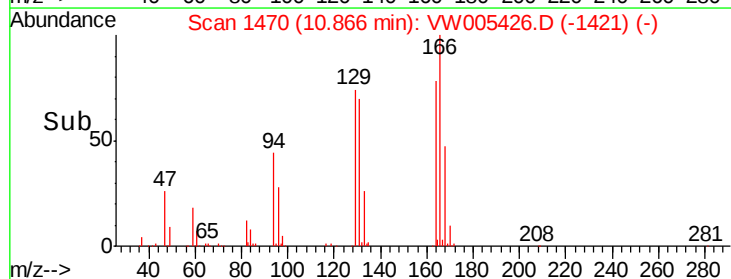
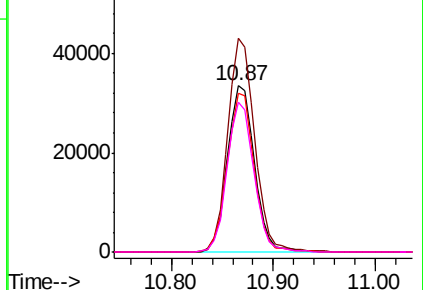


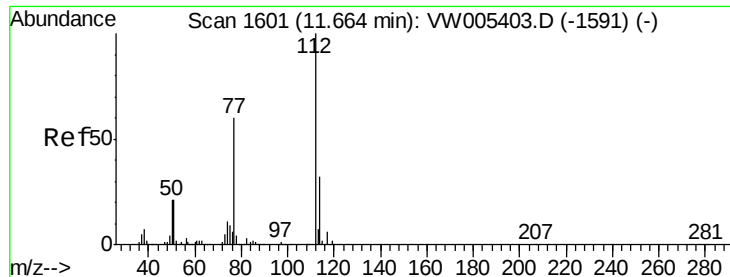
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

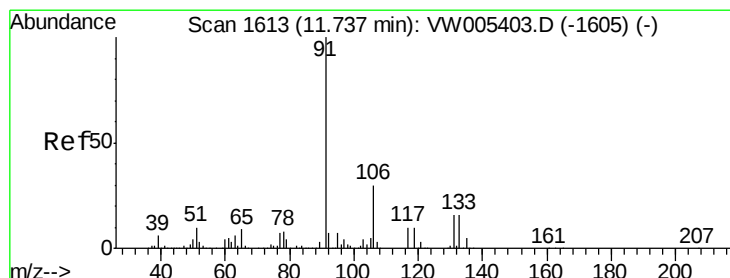
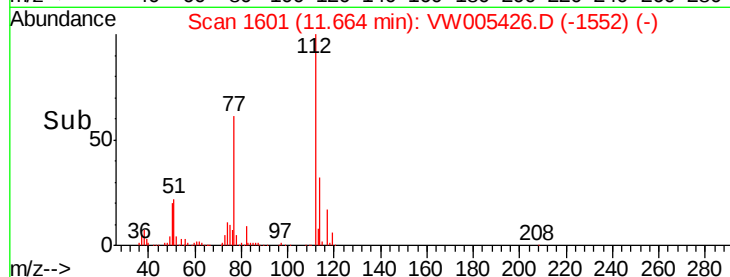
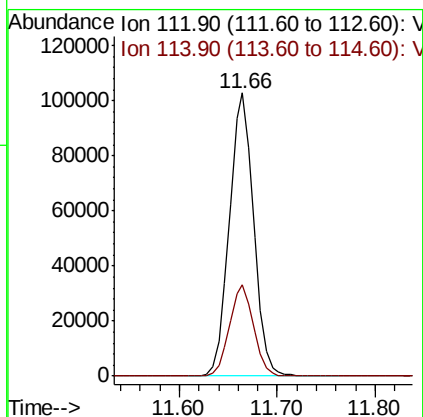
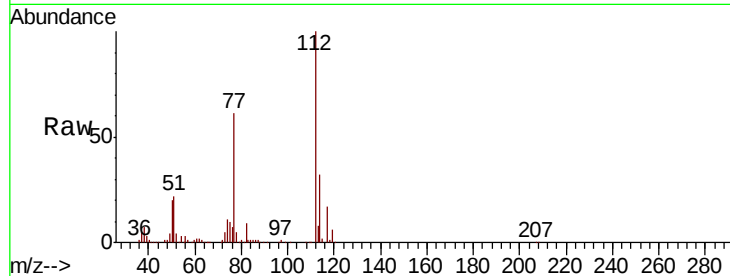




#65
Chlorobenzene
Concen: 19.746 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

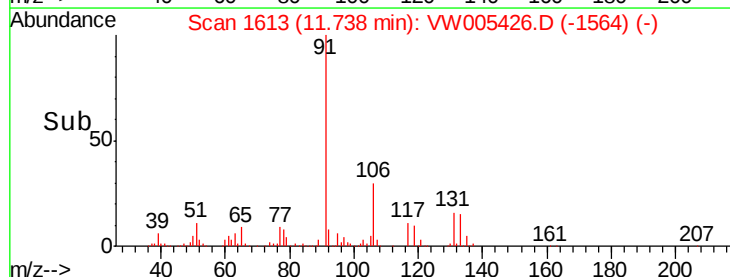
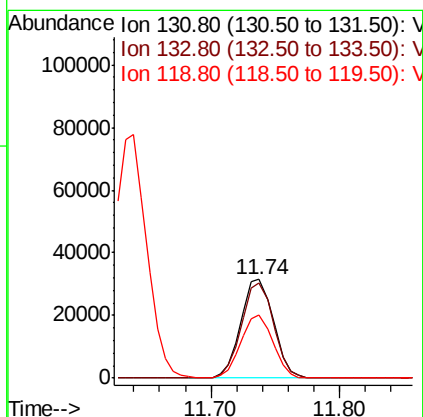
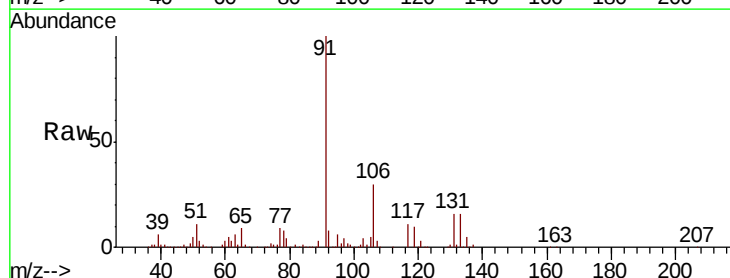
Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

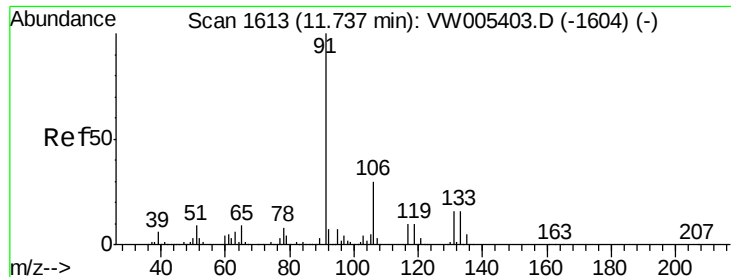
Tgt Ion:112 Resp: 176707
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.451 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion:131 Resp: 55637
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 62.5 31.1 93.5

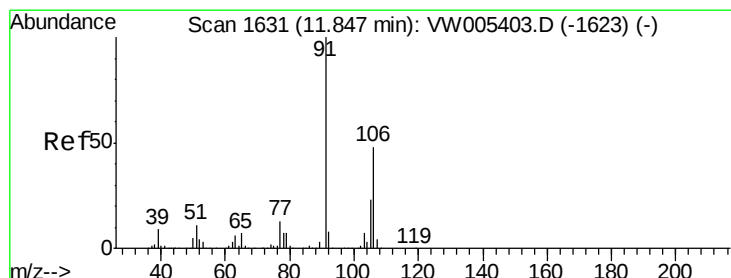
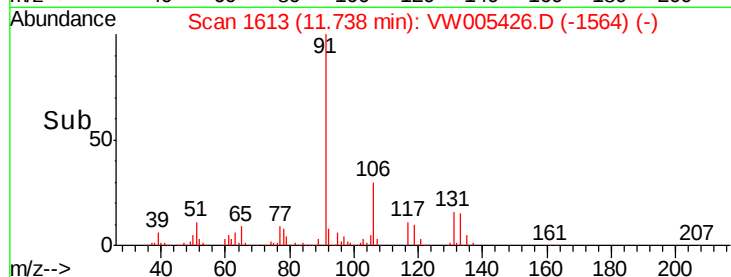
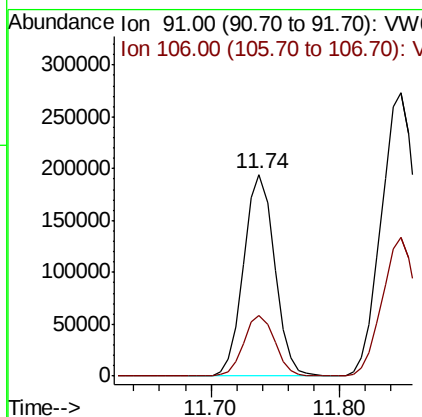
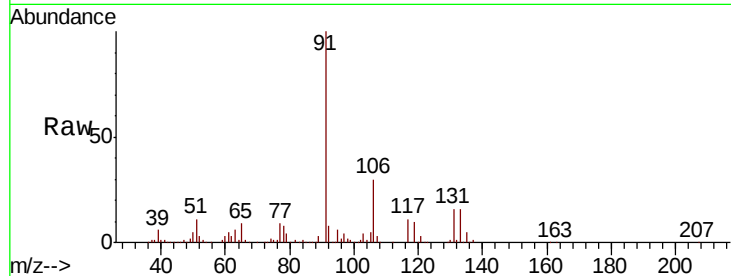




#67
Ethyl Benzene
Concen: 20.544 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

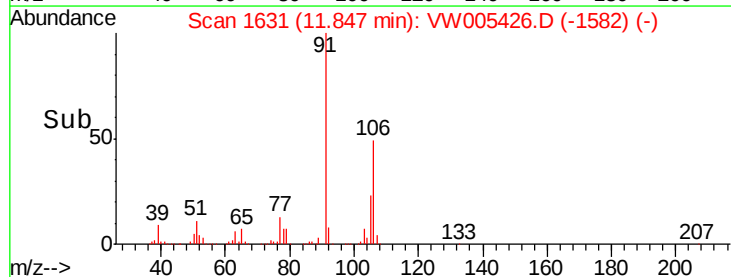
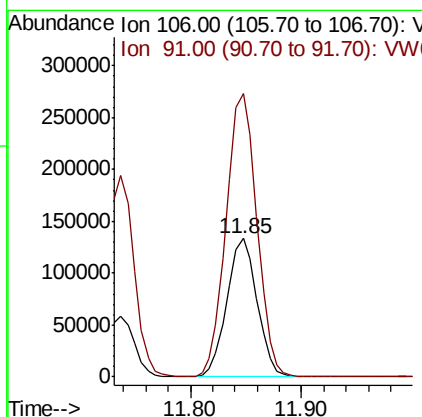
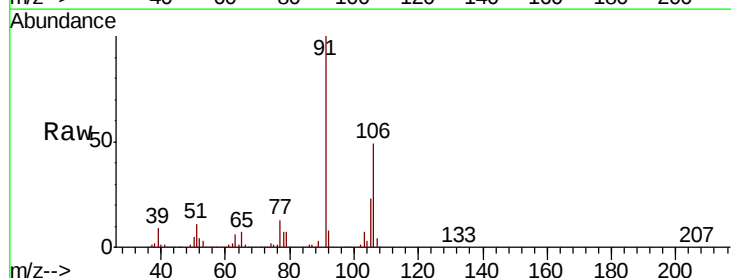
Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

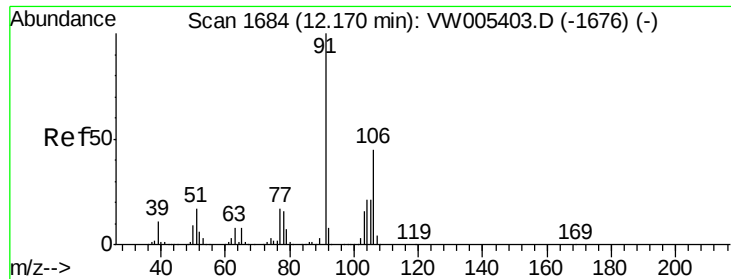
Tgt Ion: 91 Resp: 323326
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 41.470 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion: 106 Resp: 251184
Ion Ratio Lower Upper
106 100
91 208.4 167.9 251.9

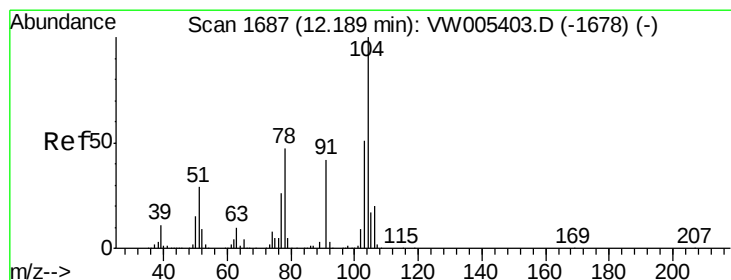
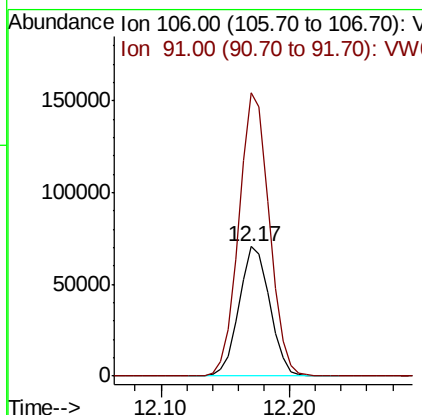
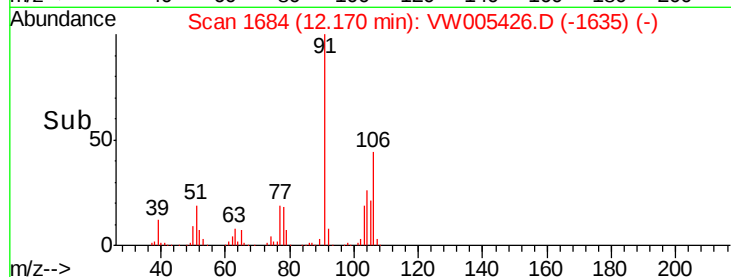
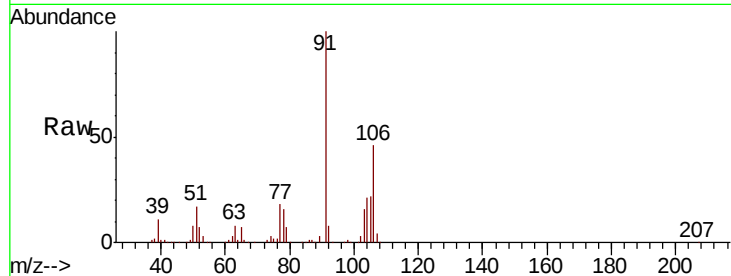




#69
o-Xylene
Concen: 20.592 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

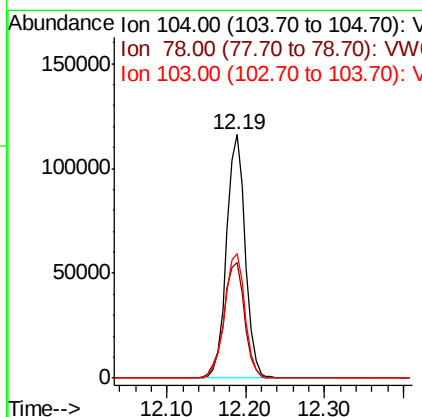
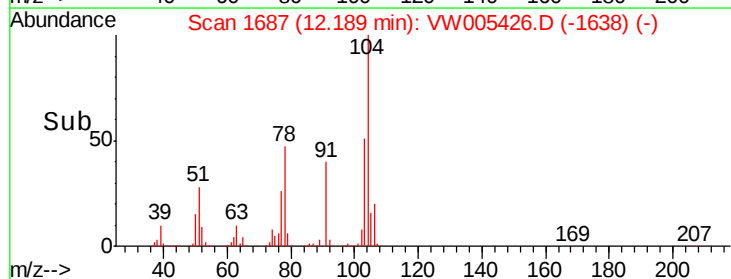
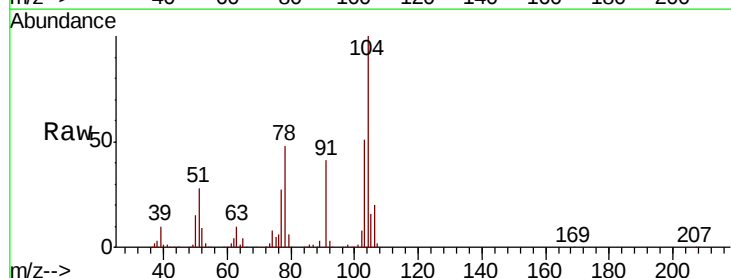
Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

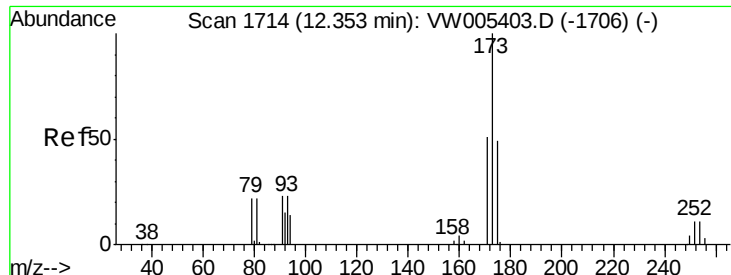
Tgt Ion:106 Resp: 116150
Ion Ratio Lower Upper
106 100
91 217.0 110.6 331.6



#70
Styrene
Concen: 20.537 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion:104 Resp: 191167
Ion Ratio Lower Upper
104 100
78 52.7 42.4 63.6
103 55.8 44.8 67.2





#71

Bromoform

Concen: 18.136 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

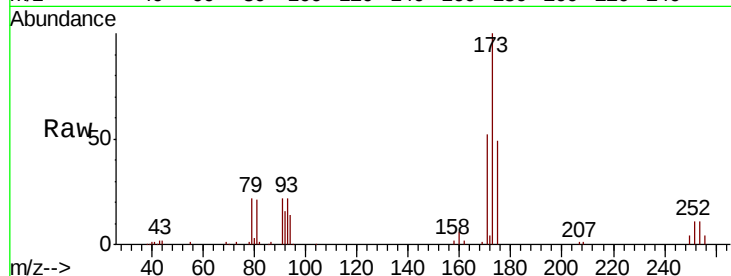
Tgt Ion:173 Resp: 27443

Ion Ratio Lower Upper

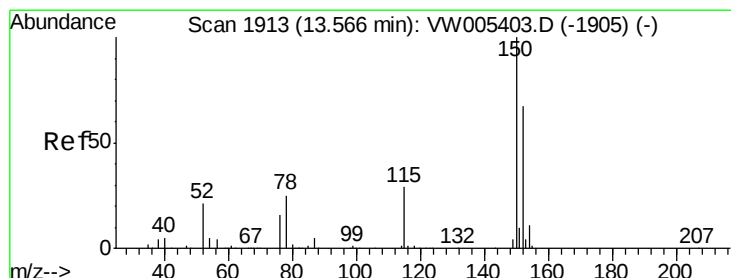
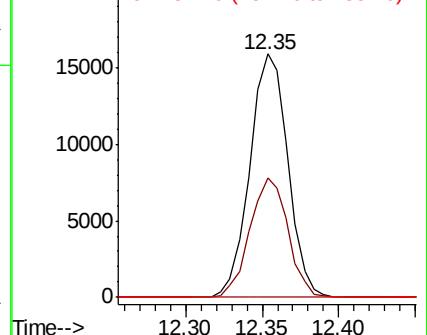
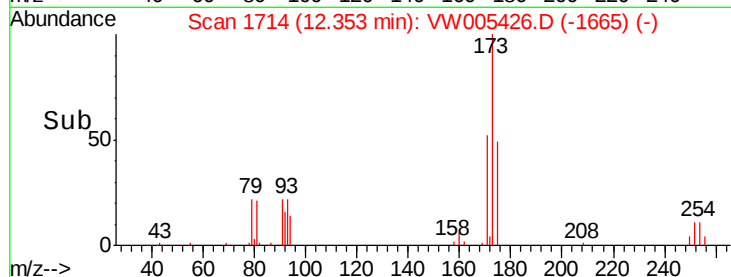
173 100

175 49.2 24.2 72.6

254 0.1 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: VW005426.D

Acq: 17 Sep 2018 12:06

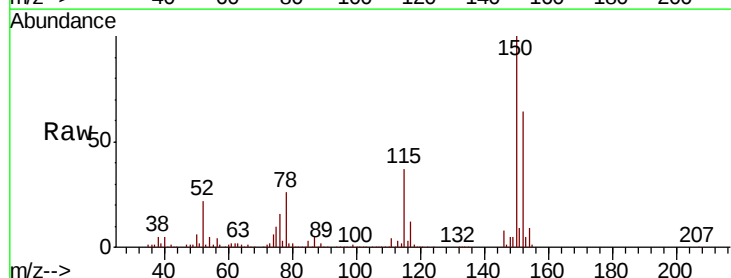
Tgt Ion:152 Resp: 224229

Ion Ratio Lower Upper

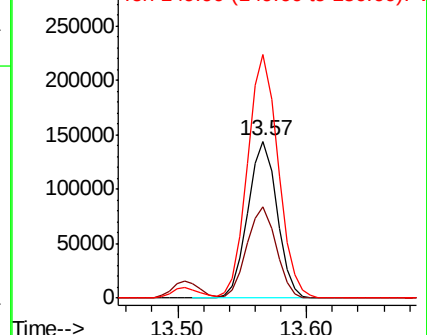
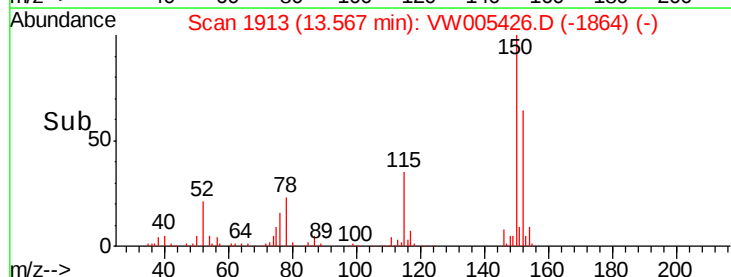
152 100

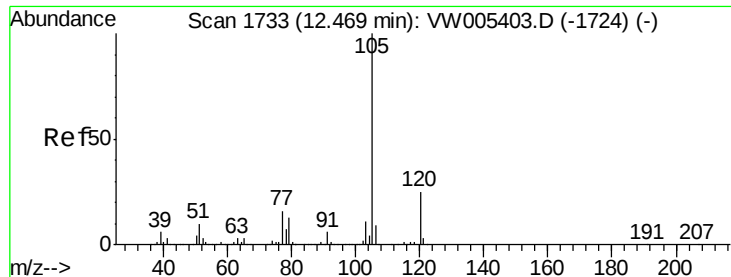
115 58.7 29.5 88.5

150 163.3 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: 20.575 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

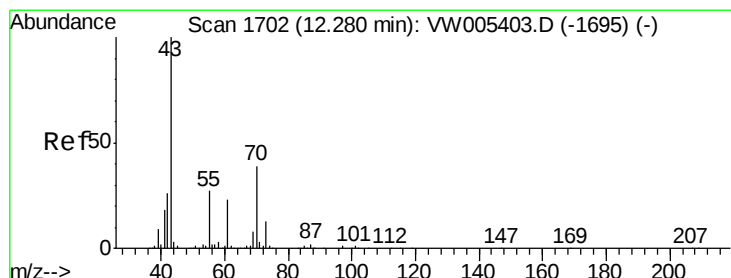
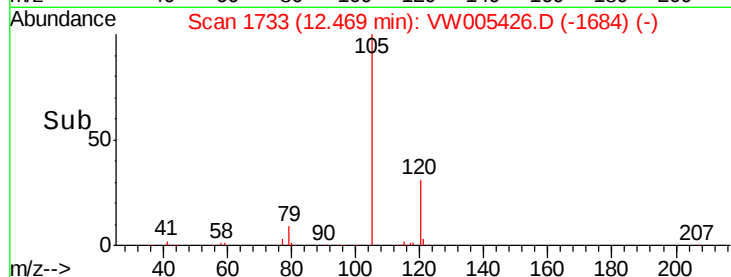
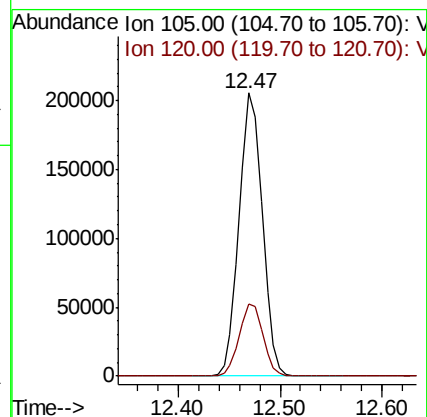
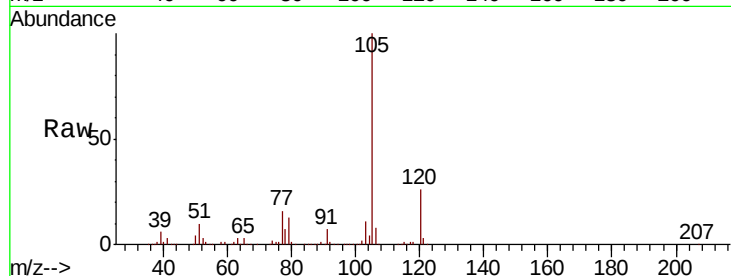
VW0917SBSD01

Tgt Ion:105 Resp: 323681

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



#74

N-ethyl acetate

Concen: 18.780 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion: 43 Resp: 62256

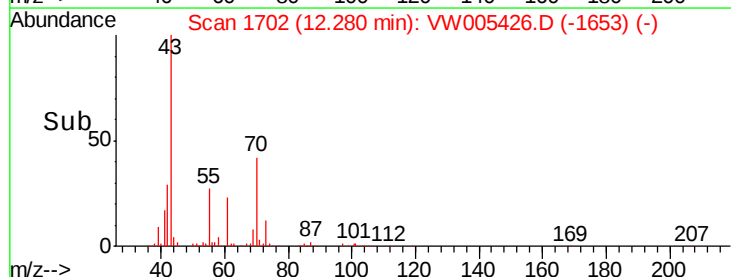
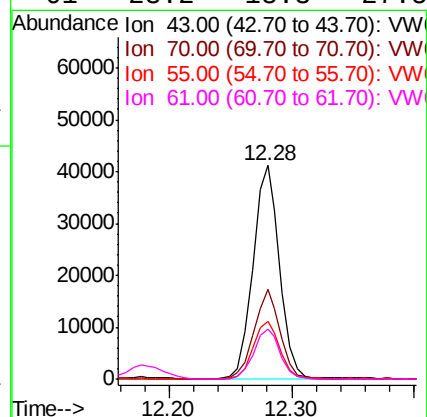
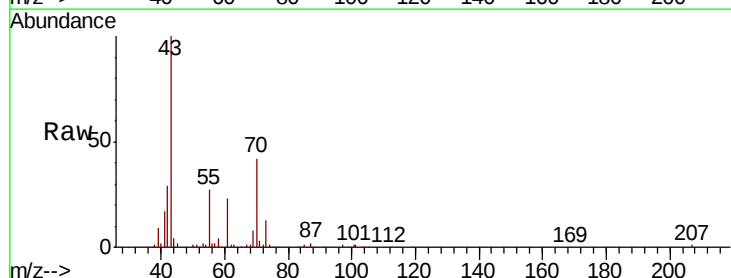
Ion Ratio Lower Upper

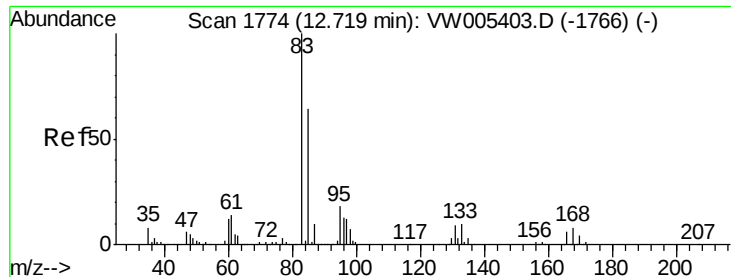
43 100

70 41.0 31.9 47.9

55 27.2 21.4 32.0

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.021 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

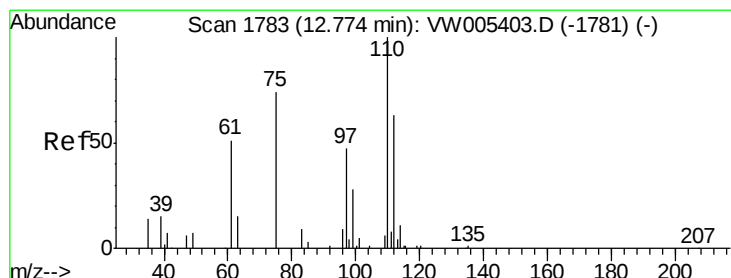
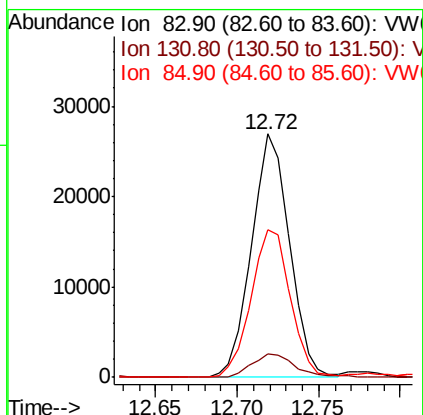
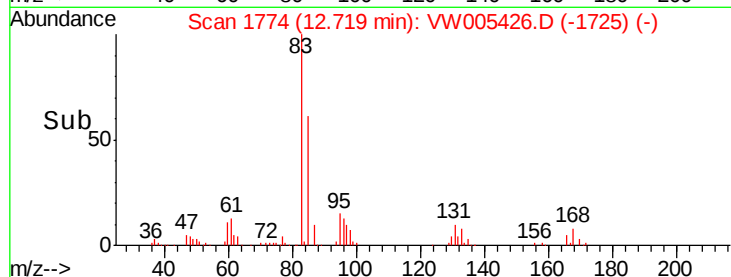
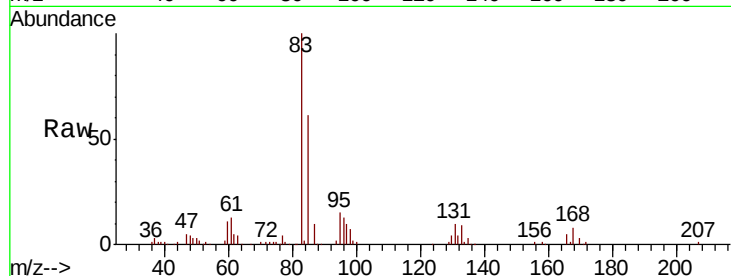
Tgt Ion: 83 Resp: 43651

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

85 62.5 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 34.435 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005426.D

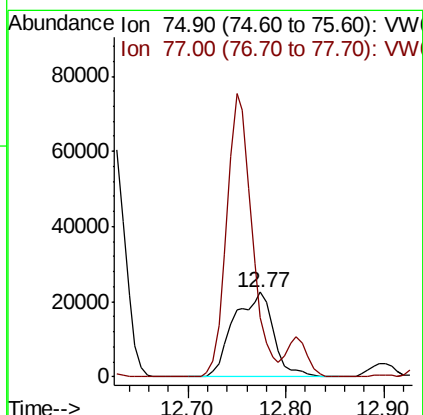
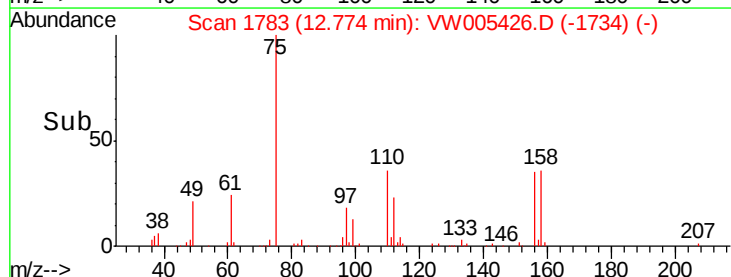
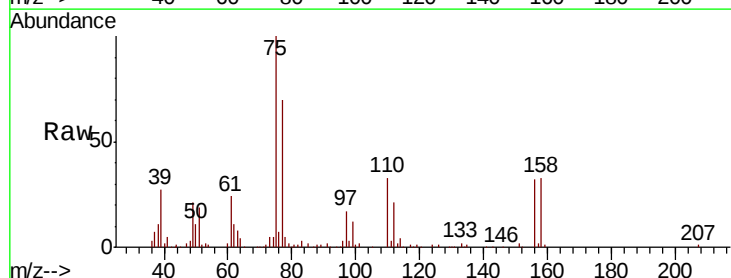
Acq: 17 Sep 2018 12:06

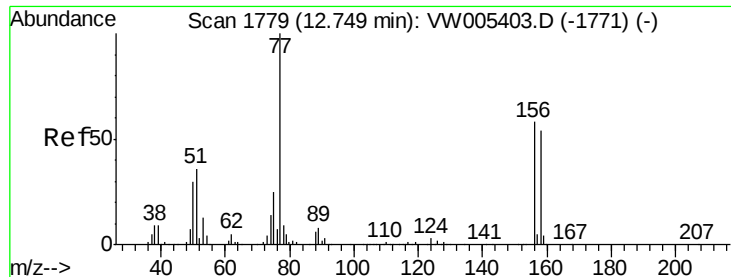
Tgt Ion: 75 Resp: 63507

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.243 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

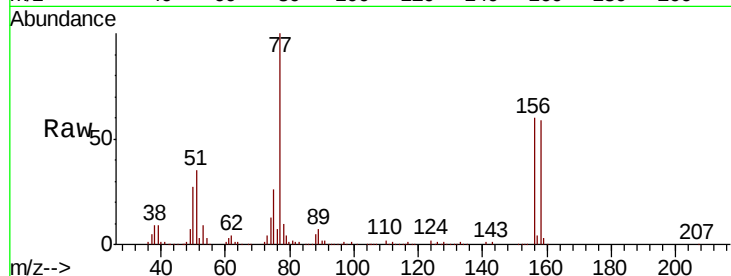
Tgt Ion:156 Resp: 71571

Ion Ratio Lower Upper

156 100

77 189.7 92.8 278.3

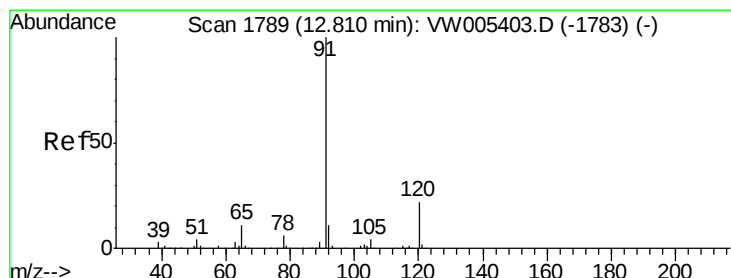
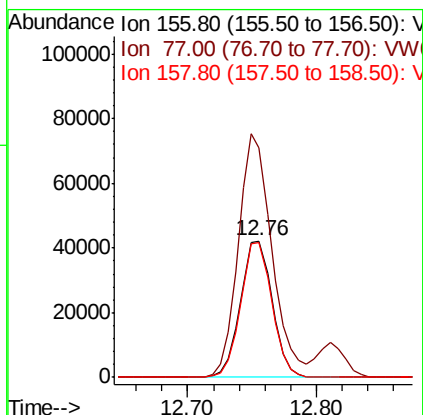
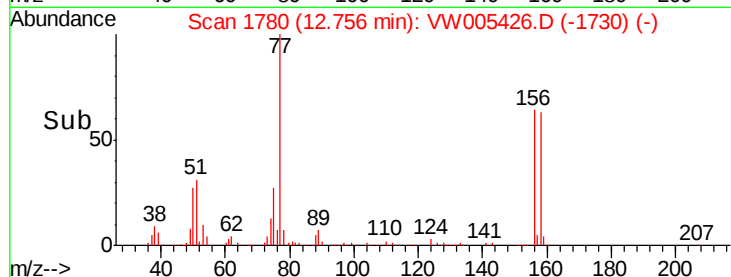
158 97.5 48.2 144.6



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: 21.126 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005426.D

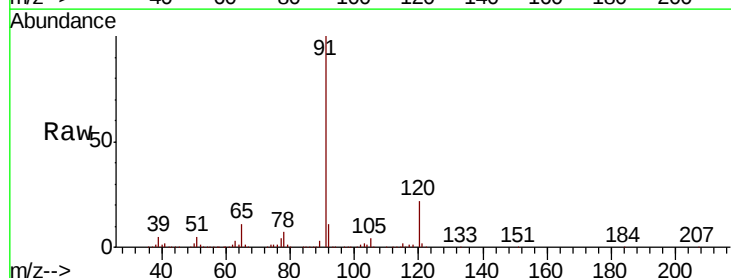
Acq: 17 Sep 2018 12:06

Tgt Ion: 91 Resp: 401086

Ion Ratio Lower Upper

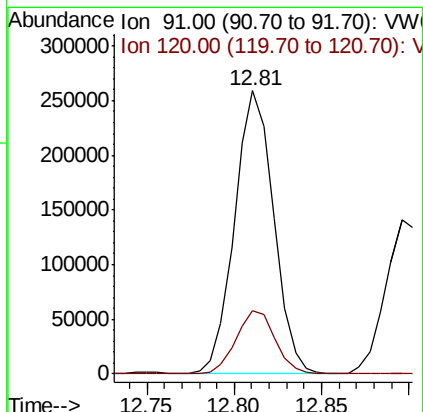
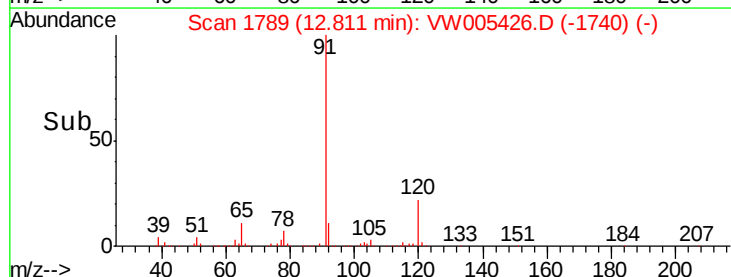
91 100

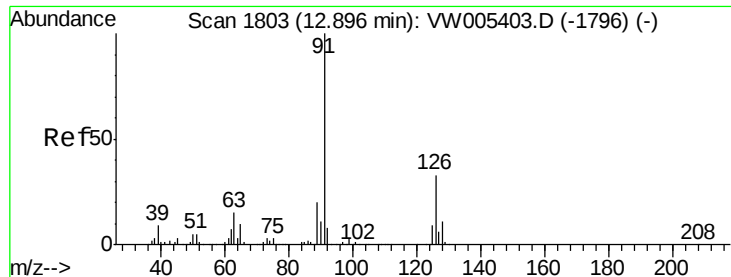
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

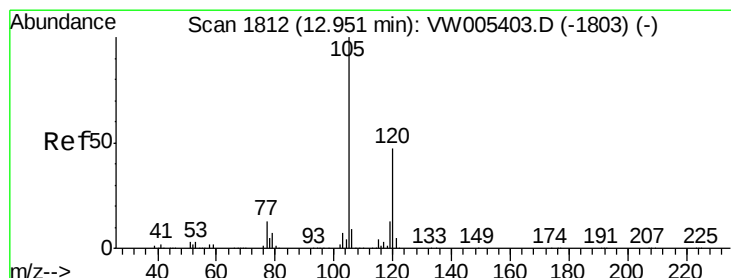
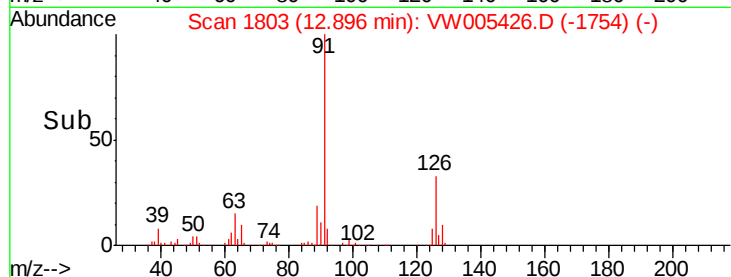
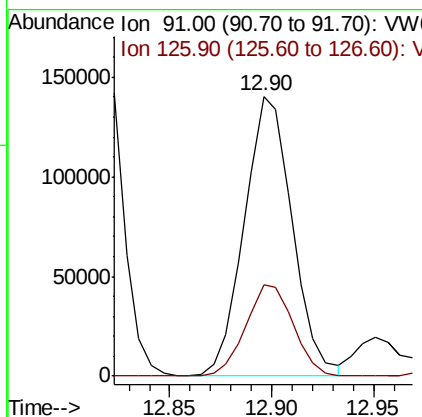
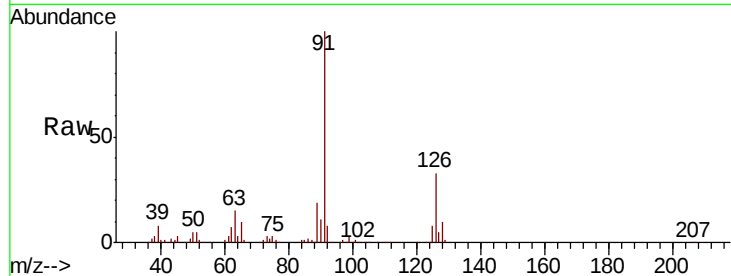




#79
 2-Chlorotoluene
 Concen: 20.452 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

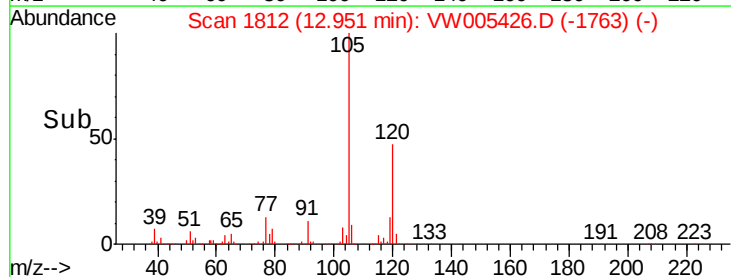
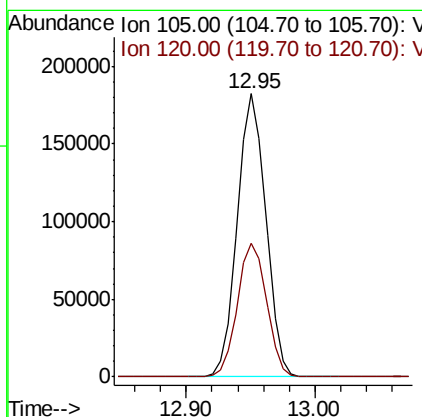
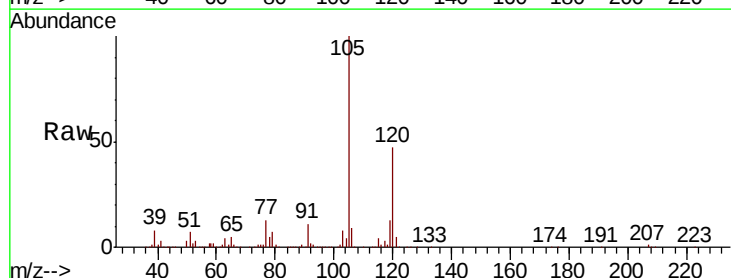
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

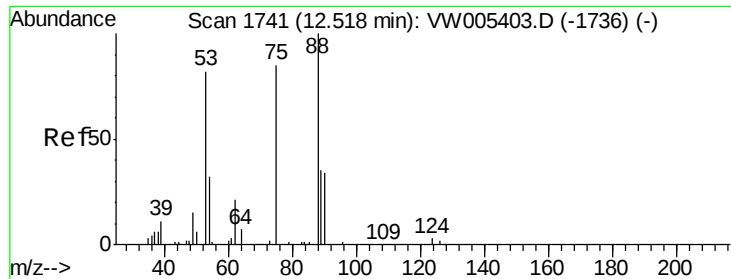
Tgt Ion: 91 Resp: 229082
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.413 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 105 Resp: 280198
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 18.902 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

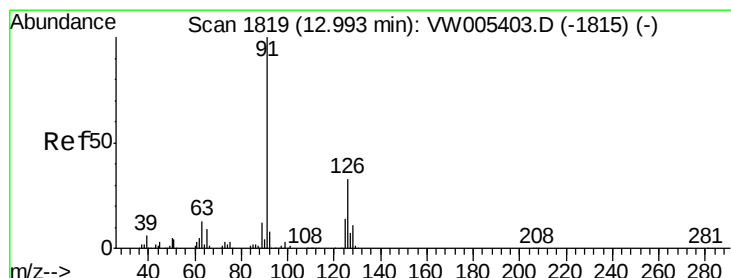
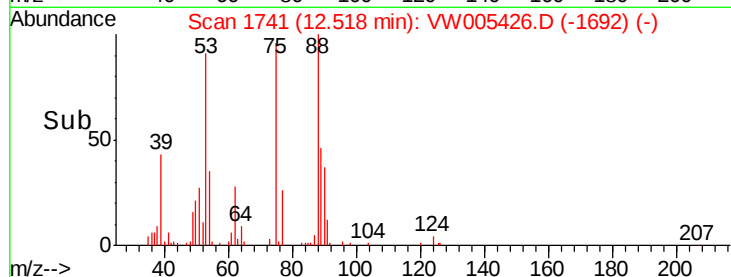
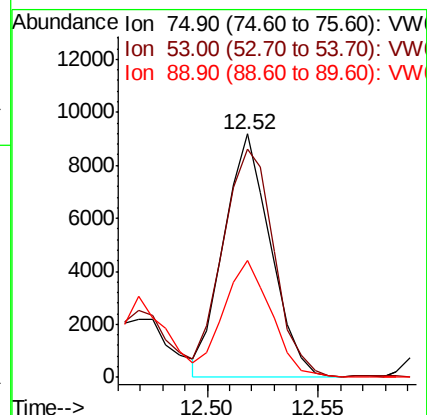
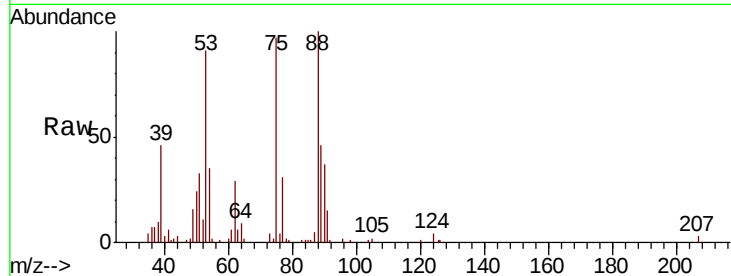
Tgt Ion: 75 Resp: 13438

Ion Ratio Lower Upper

75 100

53 102.2 83.2 124.8

89 49.2 36.6 54.8



#82

4-Chlorotoluene

Concen: 20.205 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005426.D

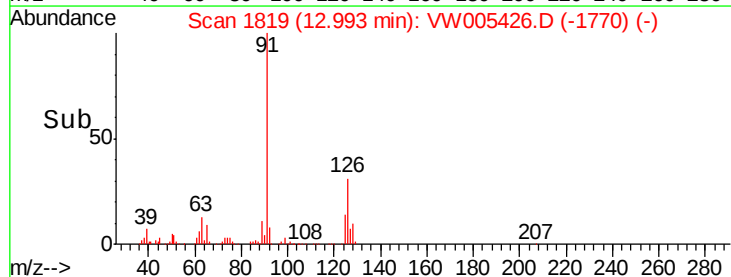
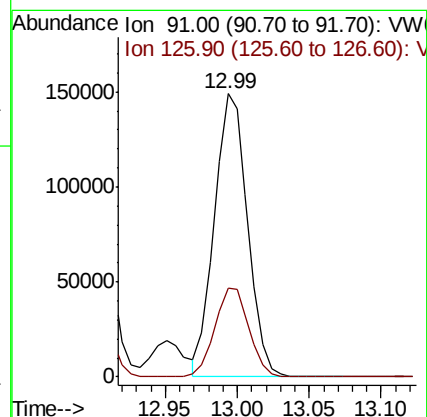
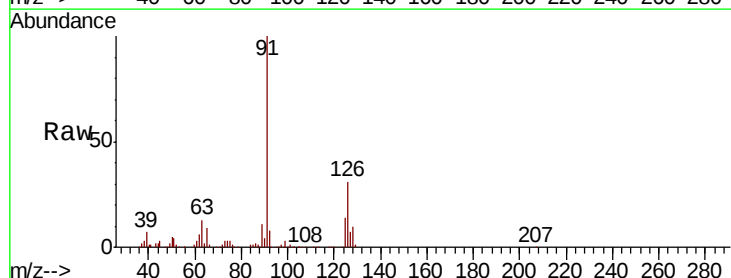
Acq: 17 Sep 2018 12:06

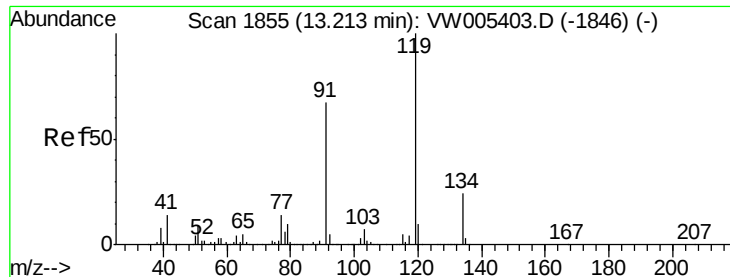
Tgt Ion: 91 Resp: 238923

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1





#83

tert-Butylbenzene

Concen: 20.889 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

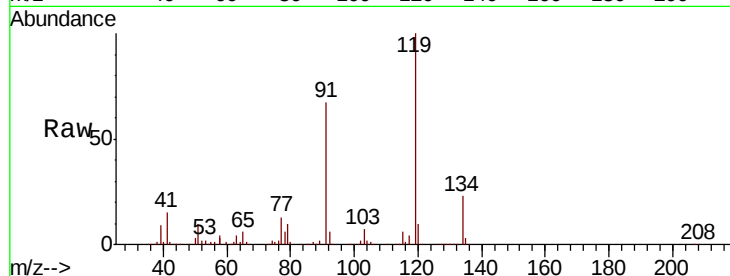
Tgt Ion:119 Resp: 238154

Ion Ratio Lower Upper

119 100

91 67.8 34.4 103.2

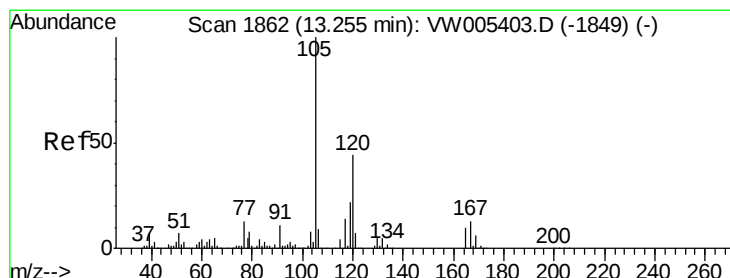
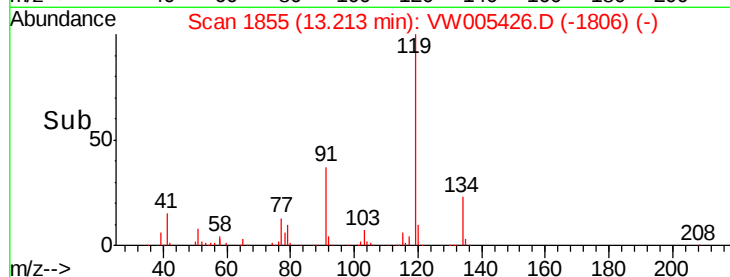
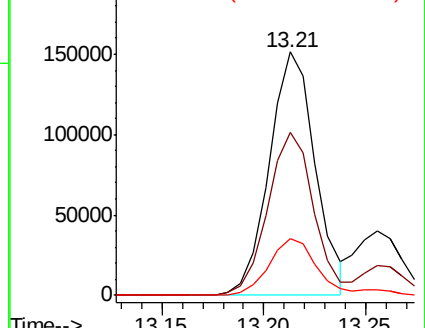
134 25.4 12.7 38.0



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: 20.507 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW005426.D

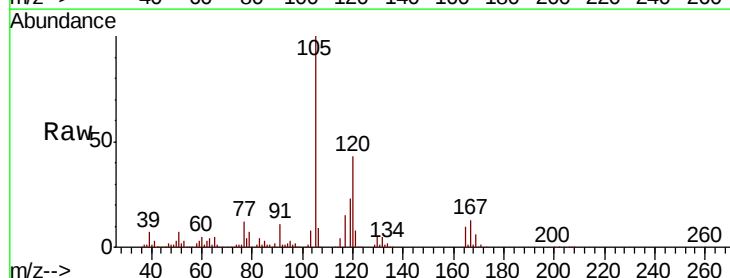
Acq: 17 Sep 2018 12:06

Tgt Ion:105 Resp: 285776

Ion Ratio Lower Upper

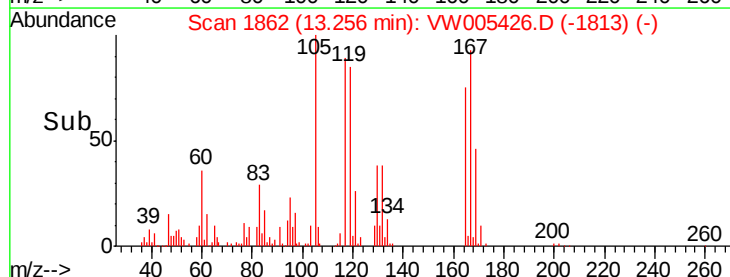
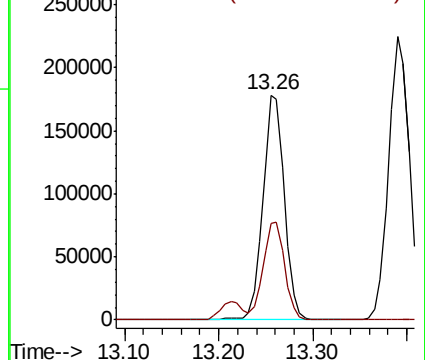
105 100

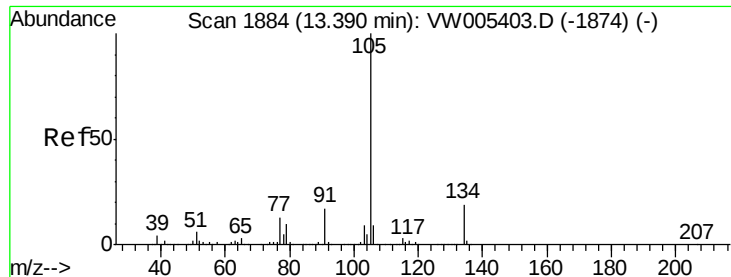
120 43.7 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

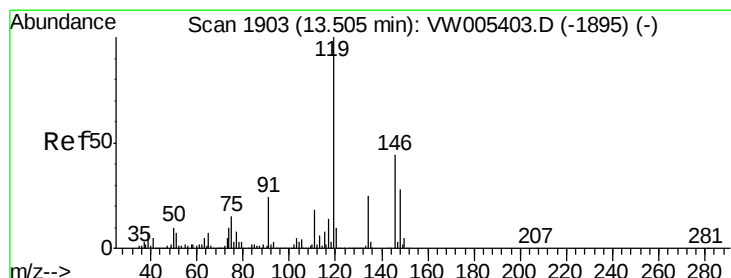
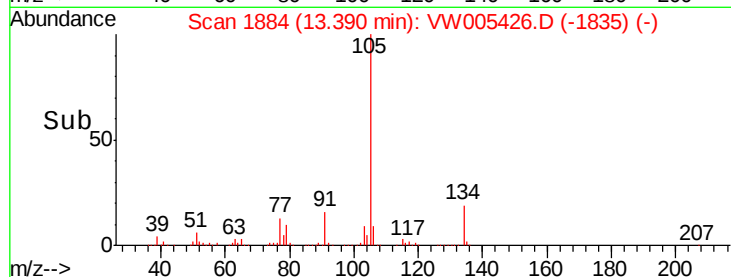
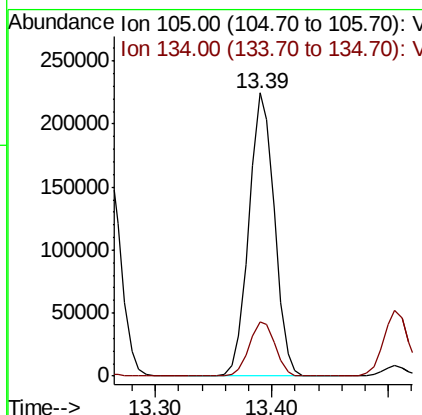
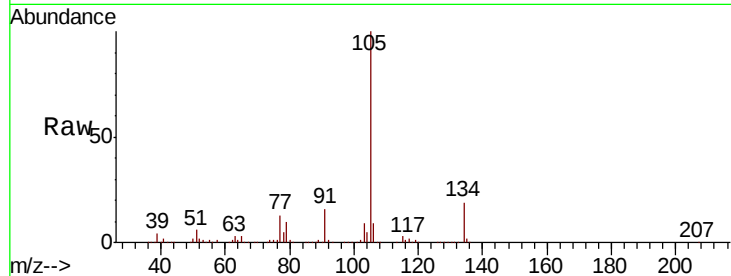




#85
 sec-Butylbenzene
 Concen: 20.923 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

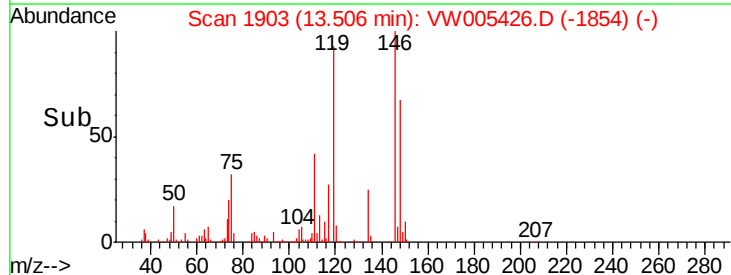
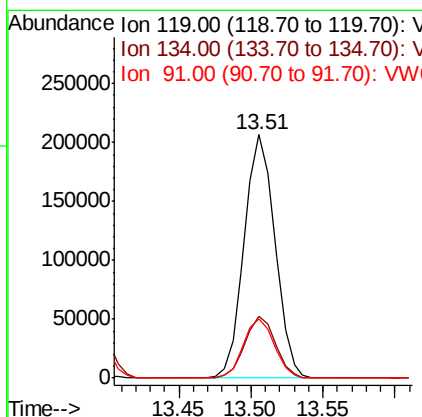
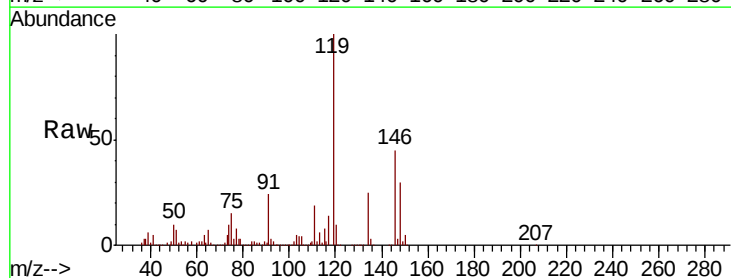
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

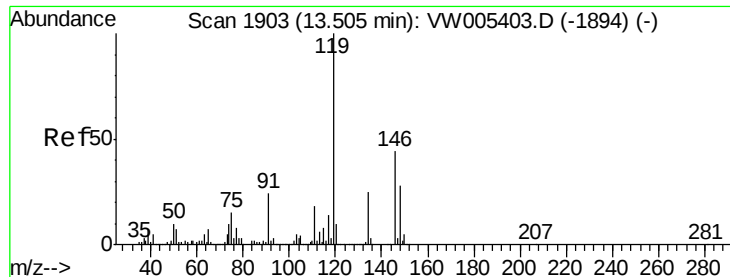
Tgt Ion:105 Resp: 344667
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.750 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion:119 Resp: 305686
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.3 12.0 36.0

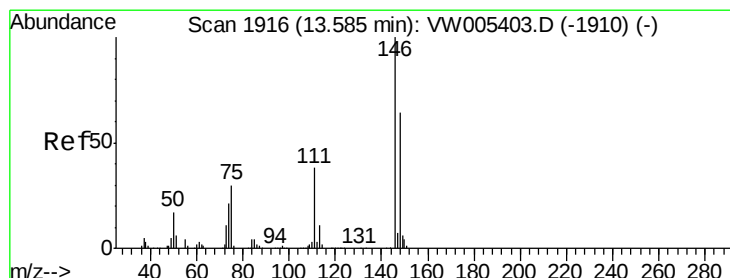
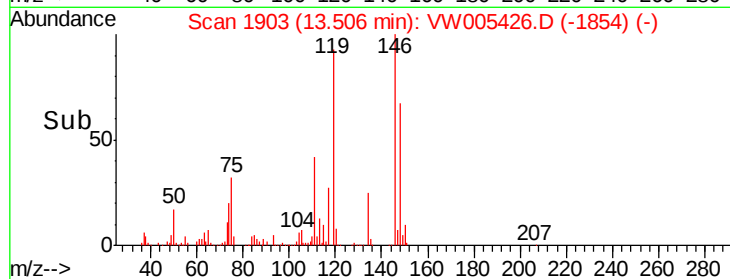
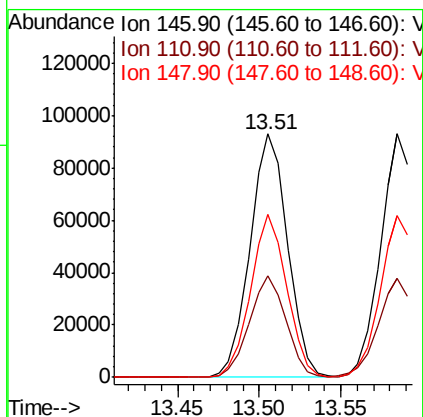
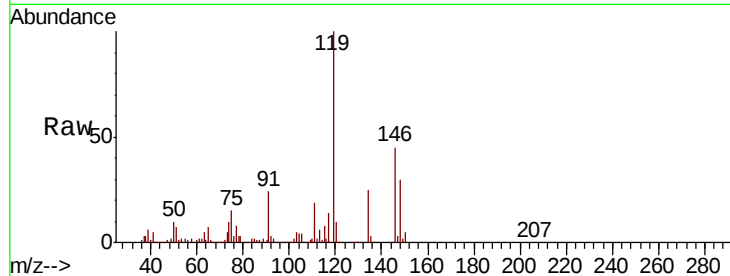




#87
 1,3-Dichlorobenzene
 Concen: 19.789 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

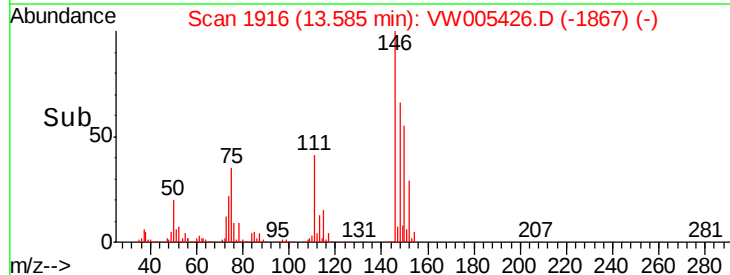
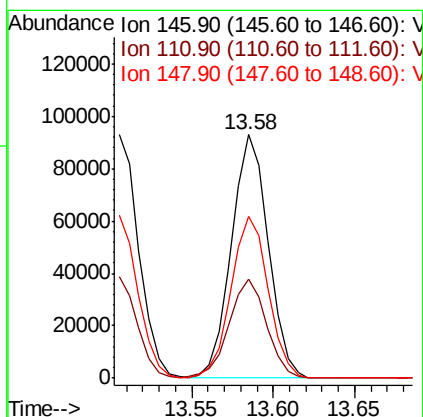
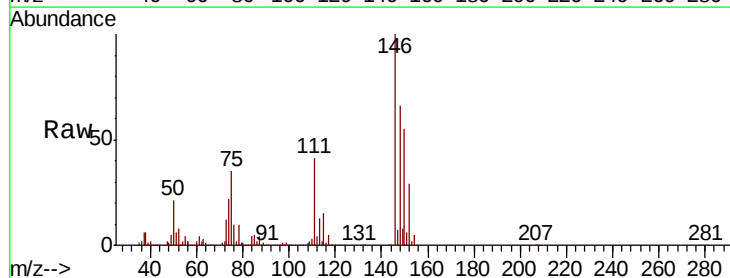
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

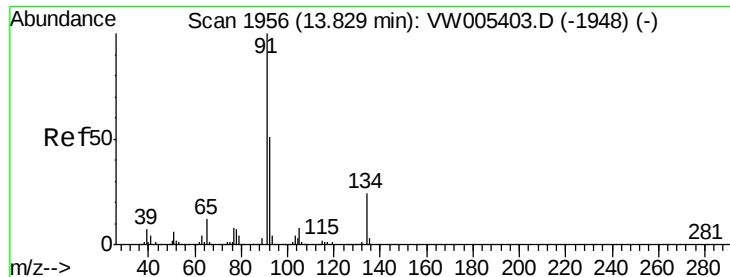
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	64.5	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.655 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.6	58.8
148	66.8	31.8	95.4





#89

n-Butylbenzene

Concen: 21.291 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

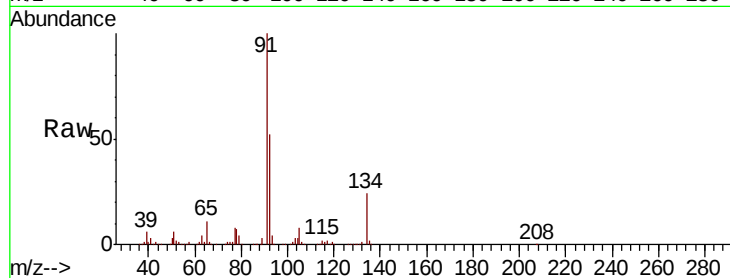
Tgt Ion: 91 Resp: 292073

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.6

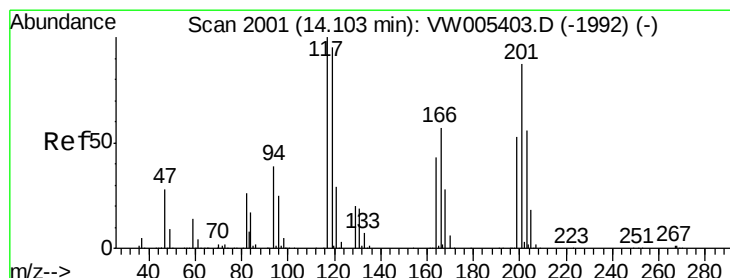
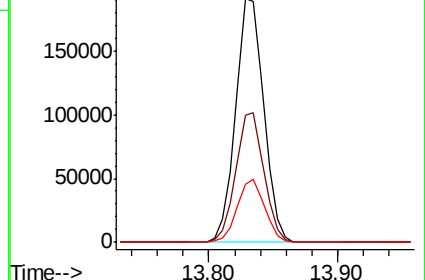
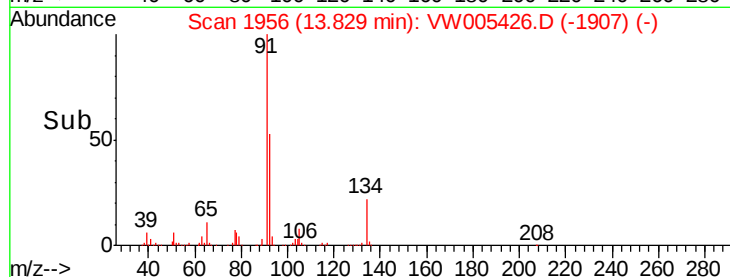
134 25.2 12.7 38.1



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: 19.220 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW005426.D

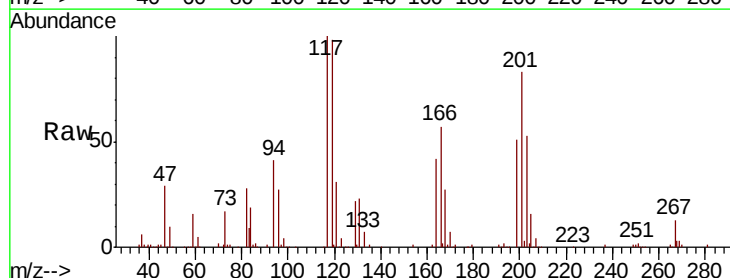
Acq: 17 Sep 2018 12:06

Tgt Ion: 117 Resp: 48514

Ion Ratio Lower Upper

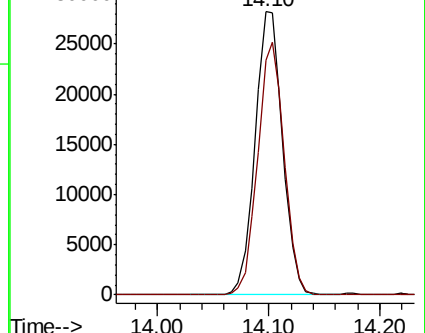
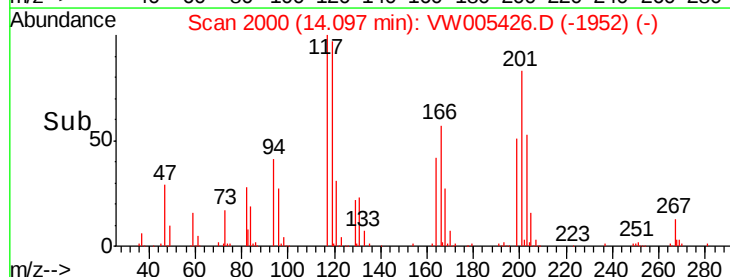
117 100

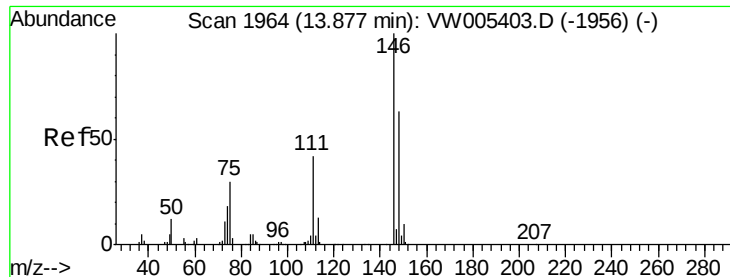
201 86.4 42.5 127.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

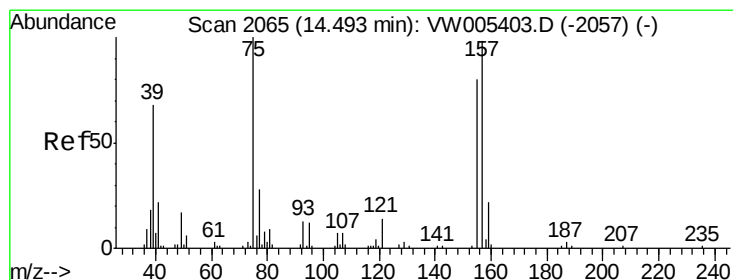
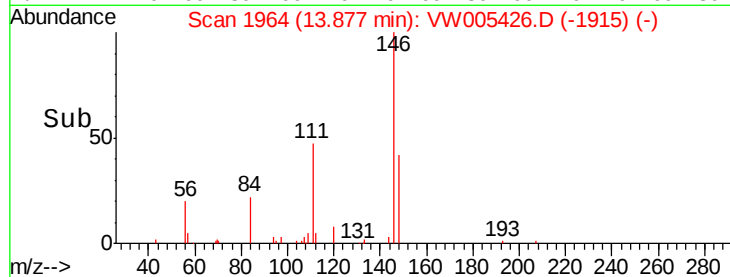
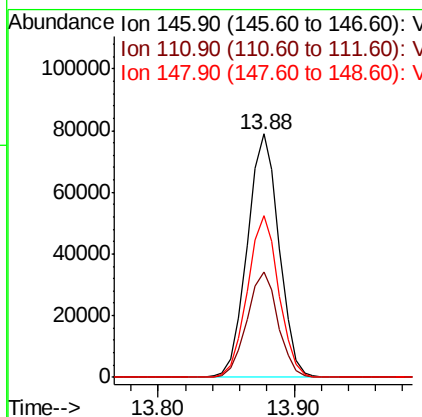
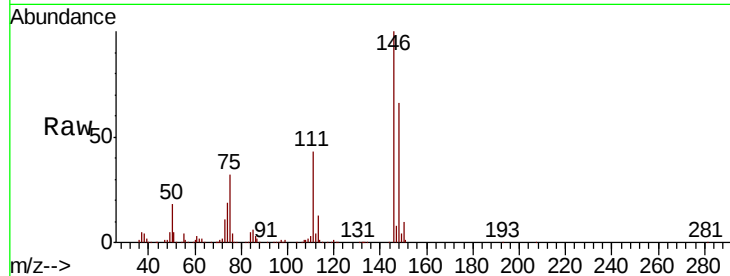




#91
 1,2-Dichlorobenzene
 Concen: 19.536 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

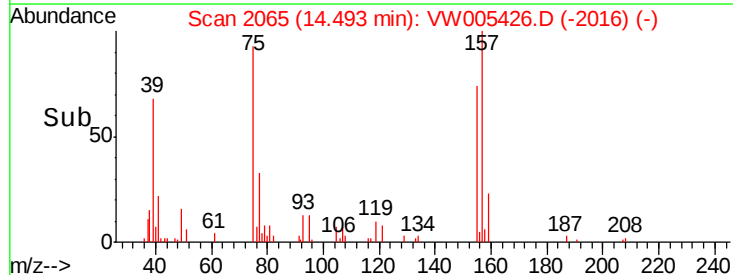
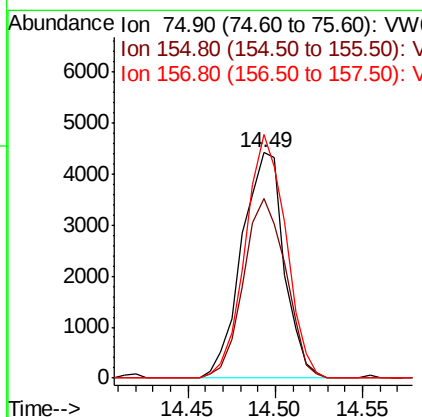
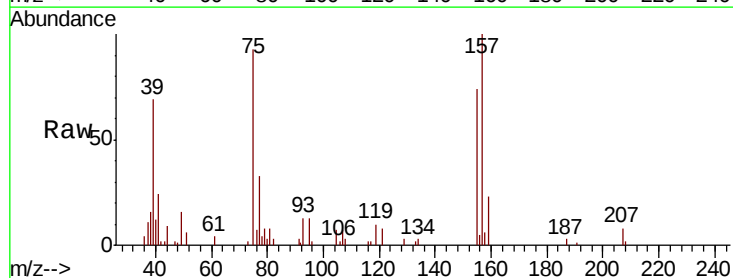
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

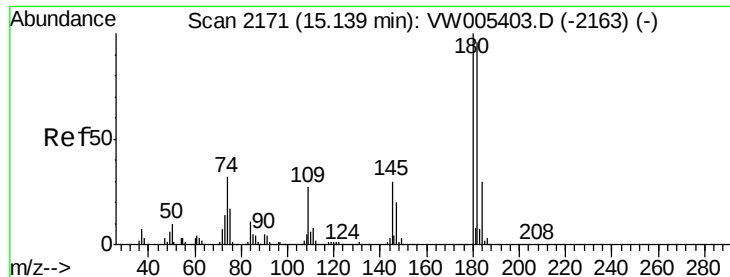
Tgt Ion:146 Resp: 128781
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.0 63.0
 148 65.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.932 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 75 Resp: 7463
 Ion Ratio Lower Upper
 75 100
 155 79.2 39.0 117.0
 157 103.3 49.9 149.6

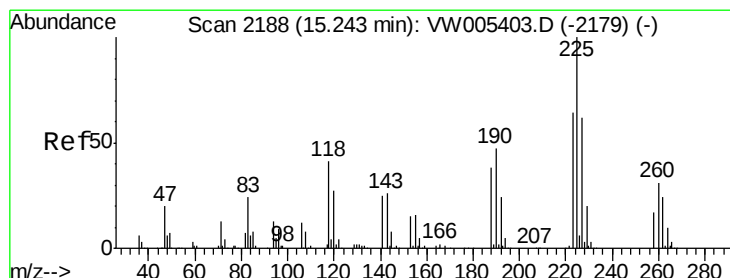
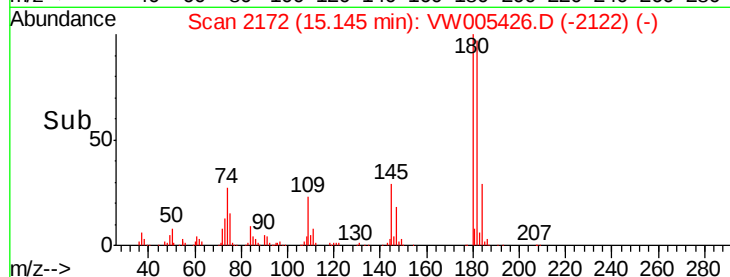
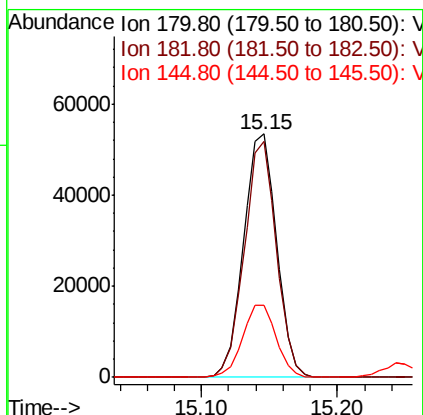
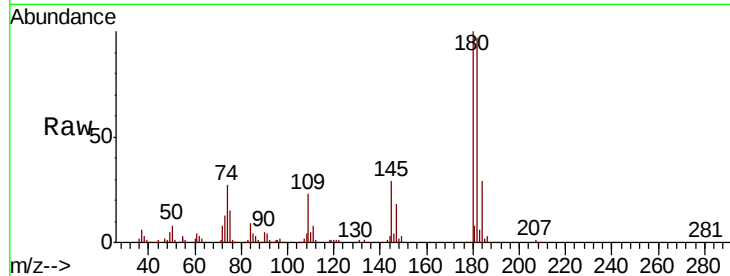




#93
 1,2,4-Trichlorobenzene
 Concen: 20.667 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

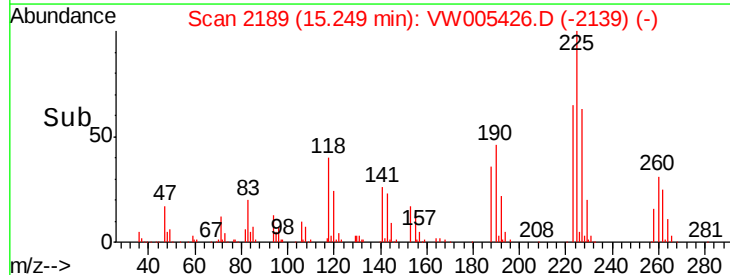
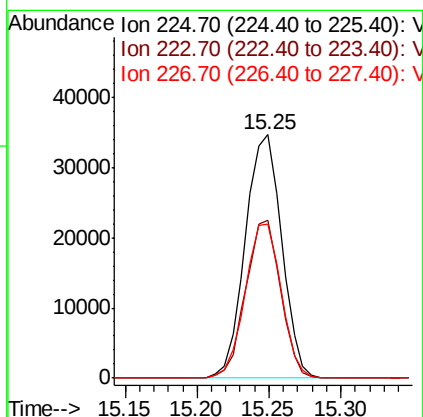
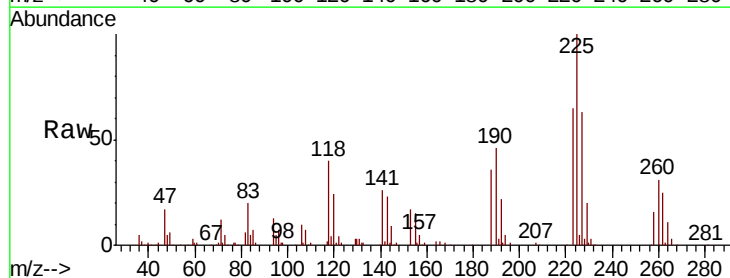
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

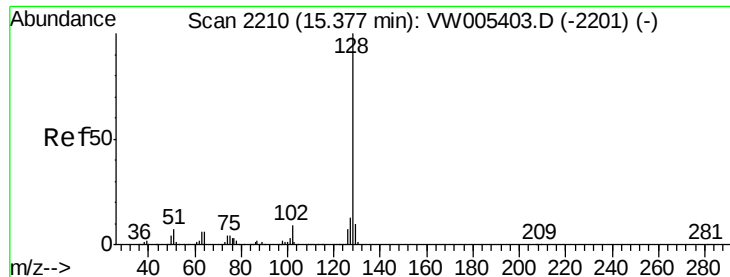
Tgt Ion:180 Resp: 90898
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.9
 145 30.4 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 21.050 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion:225 Resp: 60459
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 62.8 31.6 95.0

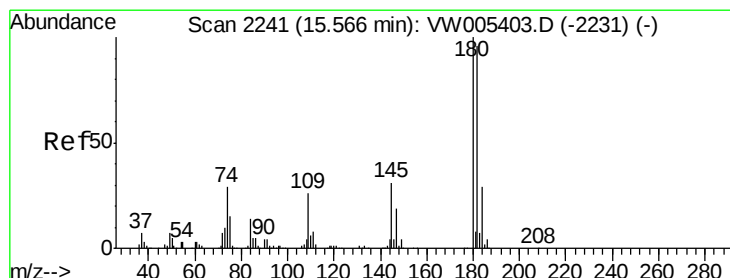
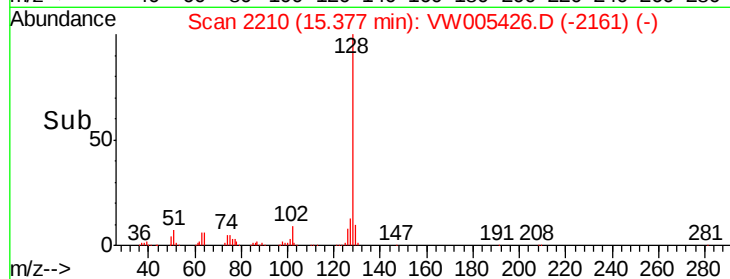
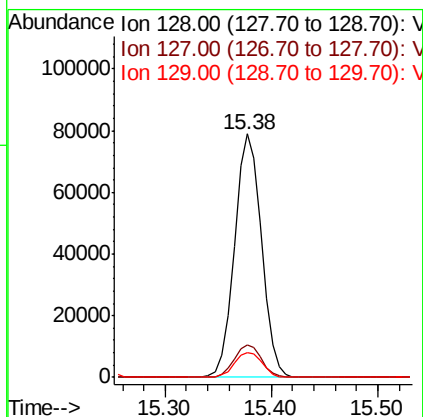
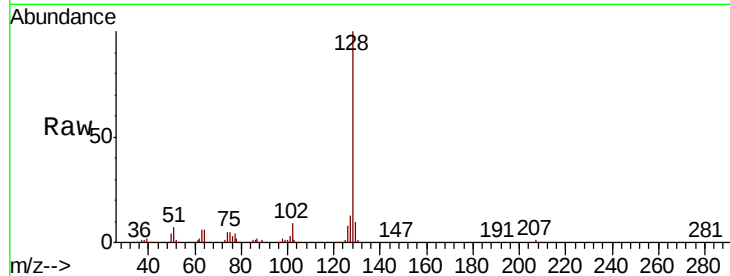




#95
Naphthalene
Concen: 19.070 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Tgt Ion:128 Resp: 139763
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.914 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion:180 Resp: 76441
Ion Ratio Lower Upper
180 100
182 96.4 48.1 144.4
145 31.8 15.9 47.7

