

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004309.D
 Acq On : 29 Jul 2018 12:38
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 01:29:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	410535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	202310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54009	19.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.68%	
35) Dibromofluoromethane	7.88	113	50388	19.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.84%	
50) Toluene-d8	10.32	98	198303	19.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.68%	
62) 4-Bromofluorobenzene	12.62	95	71014	19.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	12787	13.370	ug/l 93
3) Chloromethane	2.21	50	24349	16.087	ug/l 99
4) Vinyl Chloride	2.36	62	48894	18.772	ug/l 99
5) Bromomethane	2.77	94	30192	17.548	ug/l 99
6) Chloroethane	2.92	64	27155	16.607	ug/l 99
7) Trichlorofluoromethane	3.25	101	27948	17.935	ug/l 95
8) Diethyl Ether	3.67	74	21206	15.528	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38658	14.305	ug/l 95
10) Methyl Iodide	4.26	142	60205	14.892	ug/l 99
11) Tert butyl alcohol	5.18	59	15084	75.536	ug/l 99
12) 1,1-Dichloroethene	4.03	96	37415	13.856	ug/l 92
13) Acrolein	3.89	56	11029	62.311	ug/l 96
14) Allyl chloride	4.66	41	57794	13.312	ug/l 93
15) Acrylonitrile	5.37	53	44923	73.256	ug/l 99
16) Acetone	4.12	43	39887	63.948	ug/l 96
17) Carbon Disulfide	4.37	76	116882	13.999	ug/l 100
18) Methyl Acetate	4.67	43	20795	12.959	ug/l 94
19) Methyl tert-butyl Ether	5.42	73	76164	15.840	ug/l 95
20) Methylene Chloride	4.90	84	42243	14.552	ug/l 95
21) trans-1,2-Dichloroethene	5.42	96	44340	15.396	ug/l 91
22) Diisopropyl ether	6.31	45	150230	18.387	ug/l 99
23) Vinyl Acetate	6.26	43	420331	88.672	ug/l 97
24) 1,1-Dichloroethane	6.21	63	89487	17.006	ug/l 98
25) 2-Butanone	7.18	43	84889	112.293	ug/l 99
26) 2,2-Dichloropropane	7.17	77	64217	21.035	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	61109	20.850	ug/l 99
28) Bromochloromethane	7.51	49	43216	23.434	ug/l 97
29) Tetrahydrofuran	7.53	42	53993	111.616	ug/l 98
30) Chloroform	7.68	83	104592	20.810	ug/l 98
31) Cyclohexane	7.95	56	97887	21.066	ug/l # 95
32) 1,1,1-Trichloroethane	7.87	97	84490	20.468	ug/l 100
36) 1,1-Dichloropropene	8.09	75	84744	20.634	ug/l 100
37) Ethyl Acetate	7.26	43	37352	22.194	ug/l 100
38) Carbon Tetrachloride	8.07	117	80164	19.768	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95835	19.365	ug/l	97
40) Benzene	8.32	78	239493	20.729	ug/l	99
41) Methacrylonitrile	7.49	41	21409	22.031	ug/l	98
42) 1,2-Dichloroethane	8.40	62	62521	18.928	ug/l	100
43) Isopropyl Acetate	8.43	43	52729	17.384	ug/l	95
44) Trichloroethene	9.09	130	61452	19.701	ug/l	99
45) 1,2-Dichloropropane	9.37	63	61114	21.317	ug/l	99
46) Dibromomethane	9.46	93	30770	21.018	ug/l	99
47) Bromodichloromethane	9.65	83	75324	20.285	ug/l	99
48) Methyl methacrylate	9.44	41	32264	20.886	ug/l	98
49) 1,4-Dioxane	9.45	88	9895	445.863	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	181844	109.237	ug/l	99
52) Toluene	10.39	92	147638	20.353	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	71632	19.261	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	88677	20.453	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43375	20.795	ug/l	94
56) Ethyl methacrylate	10.65	69	51707	20.485	ug/l	98
57) 1,3-Dichloropropane	10.94	76	74623	20.999	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	121498	108.358	ug/l	99
59) 2-Hexanone	10.98	43	127611	111.642	ug/l	99
60) Dibromochloromethane	11.13	129	51534	20.648	ug/l	96
61) 1,2-Dibromoethane	11.24	107	40467	20.345	ug/l	98
64) Tetrachloroethene	10.87	164	53535	19.380	ug/l	97
65) Chlorobenzene	11.66	112	156250	19.731	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	55807	19.981	ug/l	98
67) Ethyl Benzene	11.74	91	271238	19.650	ug/l	97
68) m/p-Xylenes	11.85	106	214826	40.443	ug/l	100
69) o-Xylene	12.17	106	89587	18.254	ug/l	95
70) Styrene	12.19	104	156168	18.834	ug/l	97
71) Bromoform	12.35	173	30438	19.446	ug/l #	100
73) Isopropylbenzene	12.47	105	275289	19.624	ug/l	99
74) N-amyl acetate	12.28	43	64336	21.165	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	51067	20.781	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67585	21.920	ug/l #	100
77) Bromobenzene	12.76	156	66068	19.492	ug/l	98
78) n-propylbenzene	12.81	91	336932	19.716	ug/l	99
79) 2-Chlorotoluene	12.90	91	190400	19.479	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	239444	19.814	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16406	20.675	ug/l	97
82) 4-Chlorotoluene	12.99	91	209590	20.264	ug/l	97
83) tert-Butylbenzene	13.21	119	193660	19.236	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	247109	20.049	ug/l	99
85) sec-Butylbenzene	13.39	105	292977	19.922	ug/l	98
86) p-Isopropyltoluene	13.51	119	267316	20.239	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	138582	20.427	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	133178	19.675	ug/l	99
89) n-Butylbenzene	13.84	91	249486	20.228	ug/l	100
90) Hexachloroethane	14.10	117	46694	19.822	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	122736	20.211	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8864	20.664	ug/l	92

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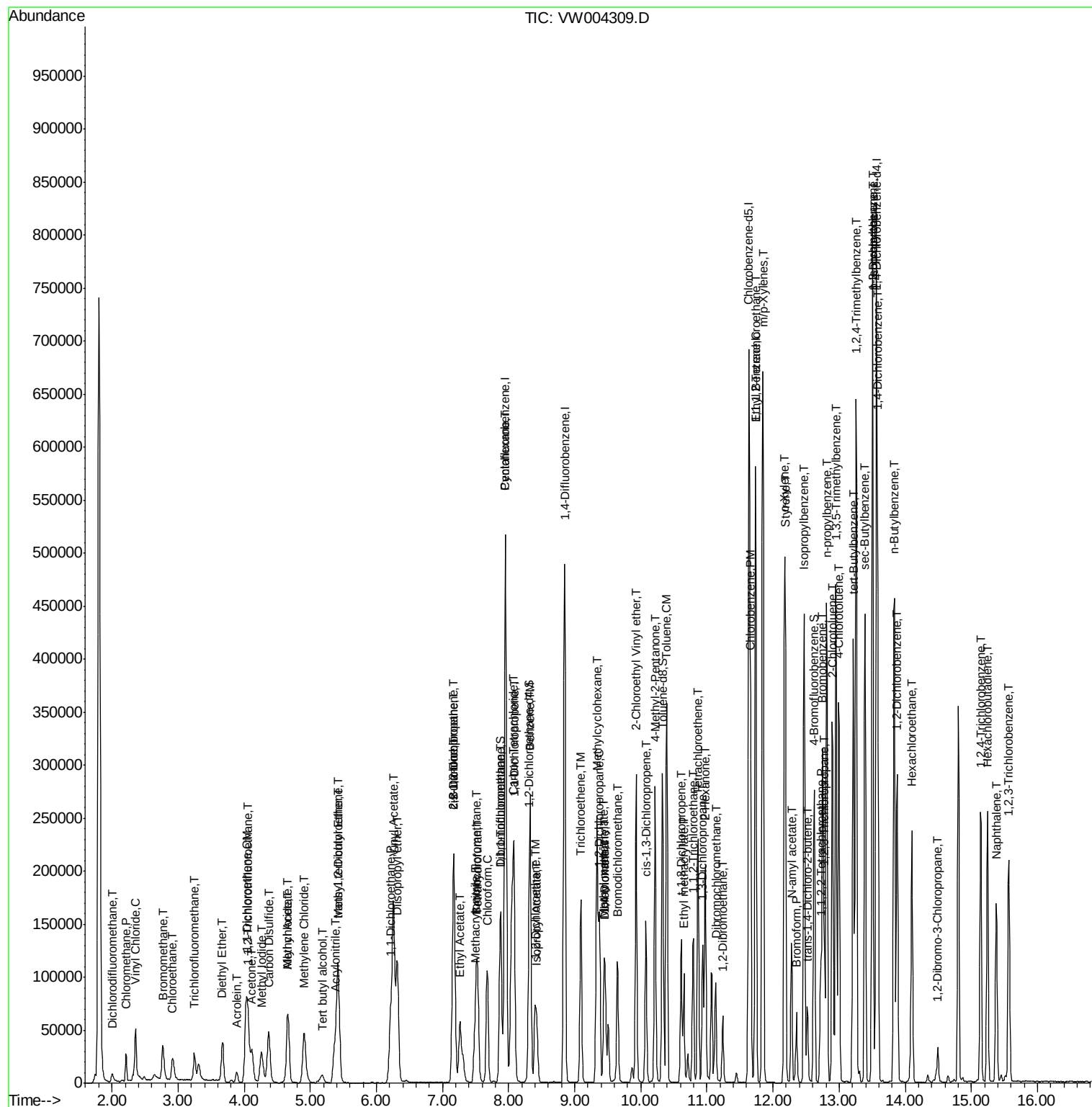
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84136	19.732	ug/l	100
94) Hexachlorobutadiene	15.25	225	50324	19.317	ug/l	99
95) Naphthalene	15.38	128	142750	19.459	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	73433	19.681	ug/l	99

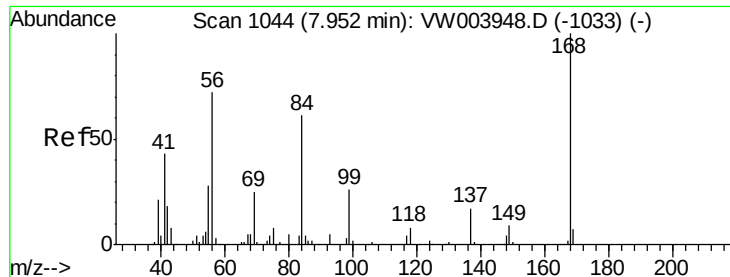
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

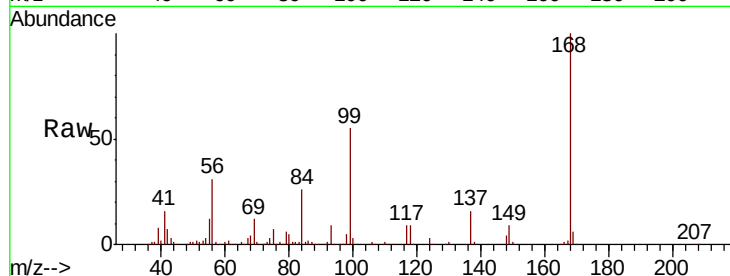
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 269837

Ion Ratio Lower Upper

168 100

99 54.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW003948.D (-1033) (-)

Ion 98.90 (98.60 to 99.60): VW003948.D (-1033) (-)

7.95

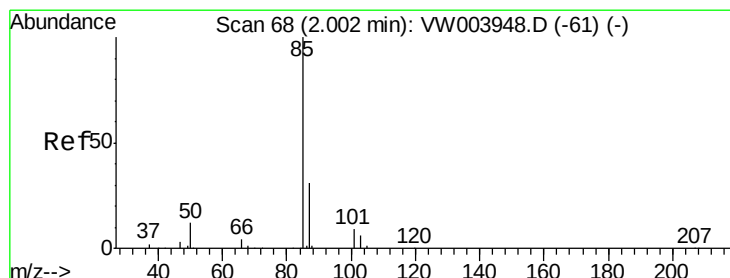
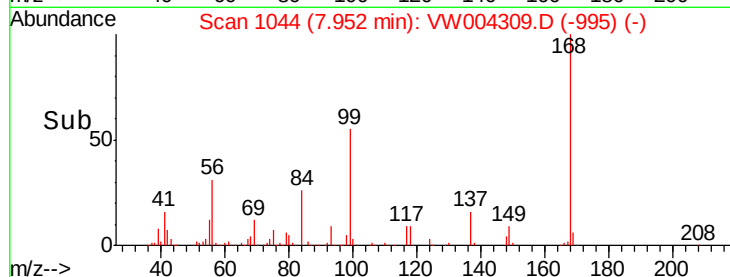
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 13.370 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW004309.D

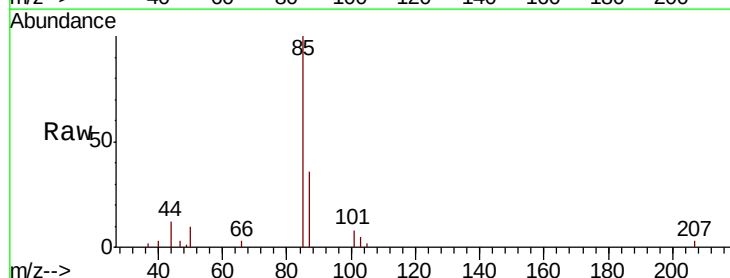
Acq: 29 Jul 2018 12:38

Tgt Ion: 85 Resp: 12787

Ion Ratio Lower Upper

85 100

87 35.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW003948.D (-61) (-)

Ion 86.90 (86.60 to 87.60): VW003948.D (-61) (-)

2.01

5000

4000

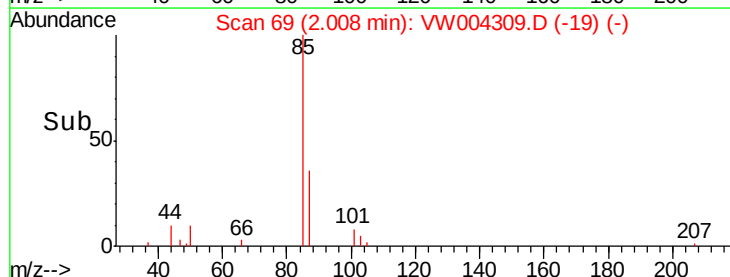
3000

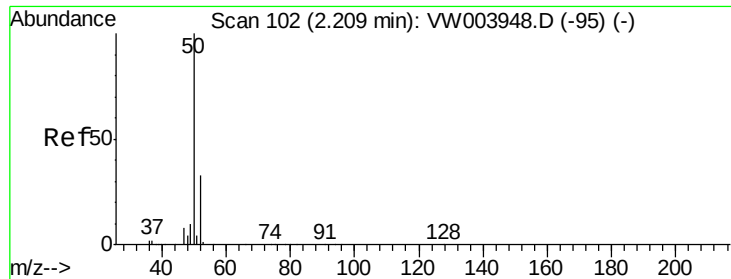
2000

1000

0

Time-->

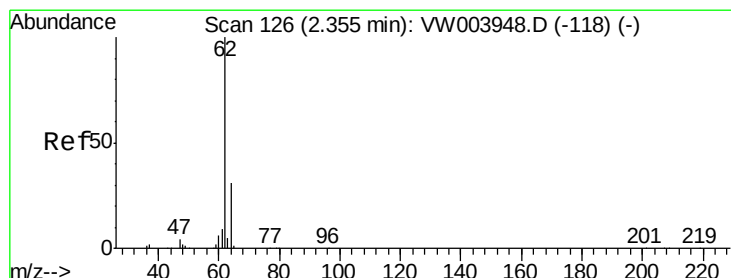
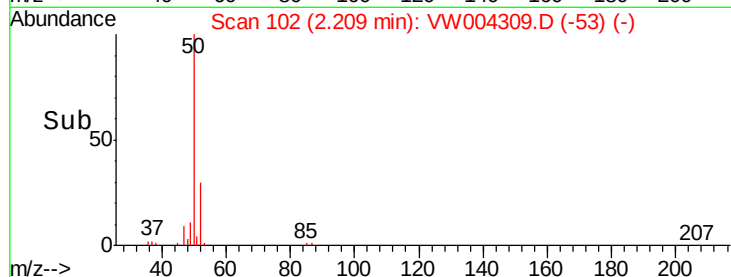
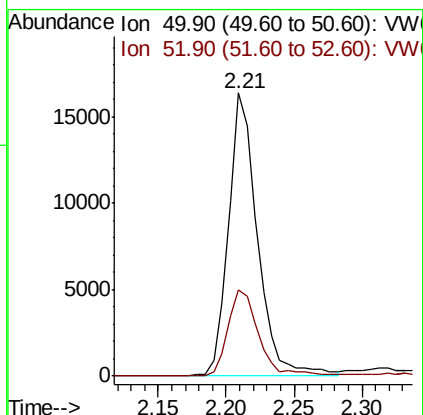
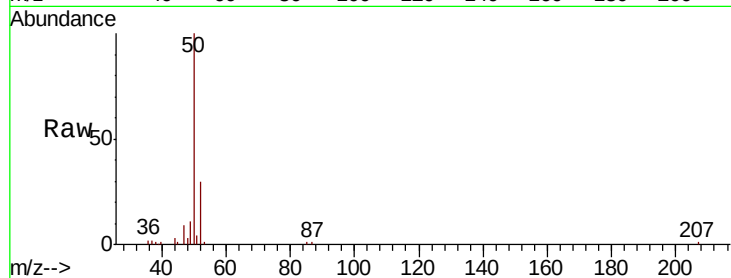




#3
Chloromethane
Concen: 16.087 ug/l
RT: 2.21 min Scan# 102
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

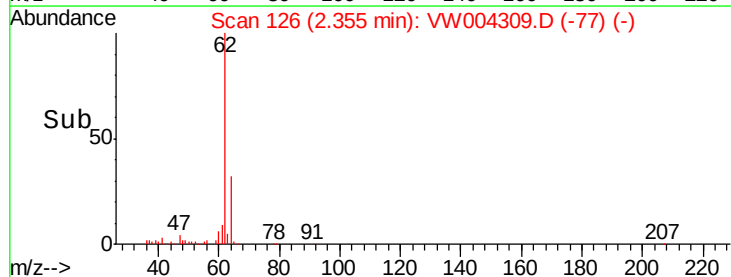
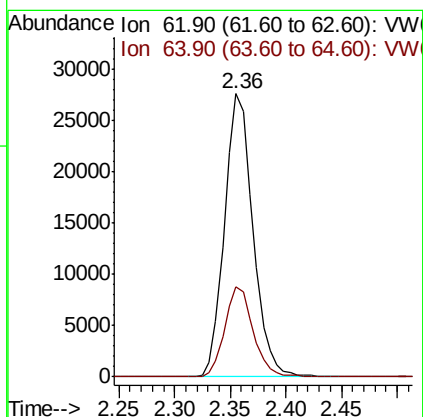
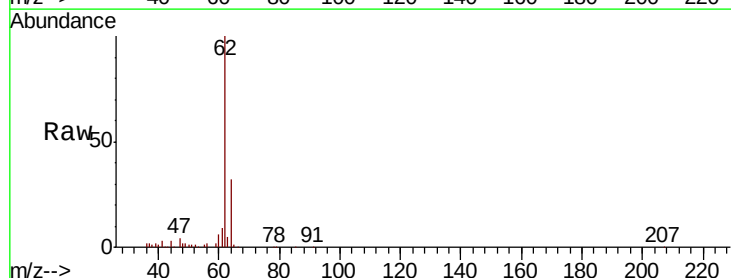
Instrument :
MSVOA_W
ClientSampleId :

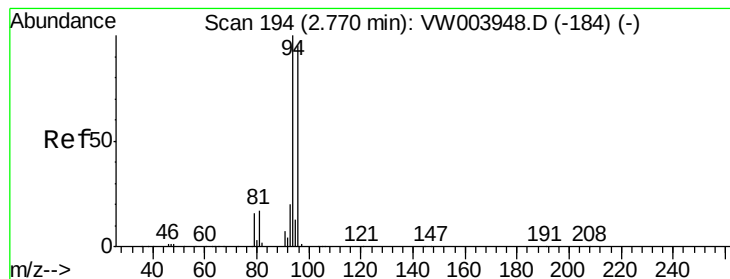
Tot Ion: 50 Resp: 24349
Ion Ratio Lower Upper
50 100
52 30.4 24.8 37.2



#4
Vinyl Chloride
Concen: 18.772 ug/l
RT: 2.36 min Scan# 126
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 62 Resp: 48894
Ion Ratio Lower Upper
62 100
64 31.7 25.9 38.9





#5

Bromomethane

Concen: 17.548 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

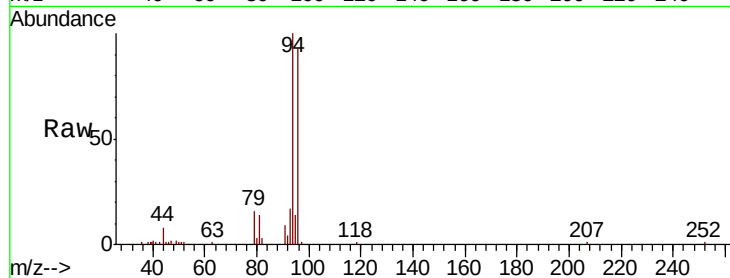
ClientSampleId :

Tot Ion: 94 Resp: 30192

Ion Ratio Lower Upper

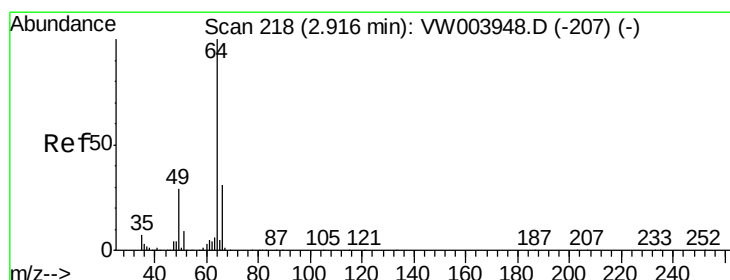
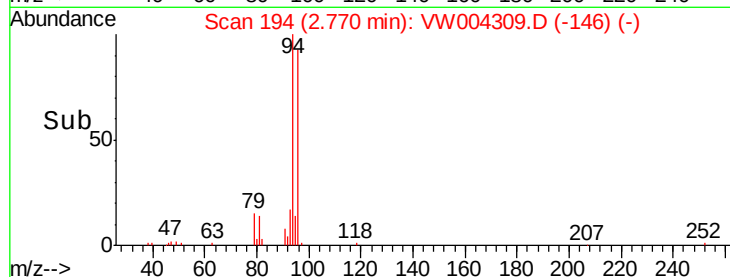
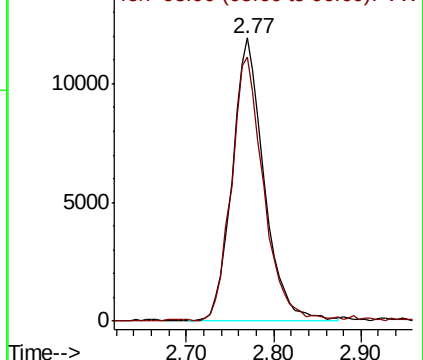
94 100

96 92.5 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 16.607 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004309.D

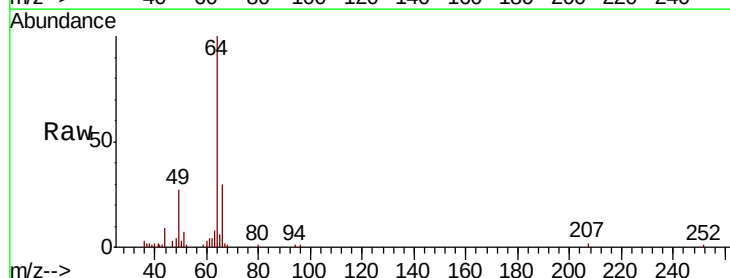
Acq: 29 Jul 2018 12:38

Tgt Ion: 64 Resp: 27155

Ion Ratio Lower Upper

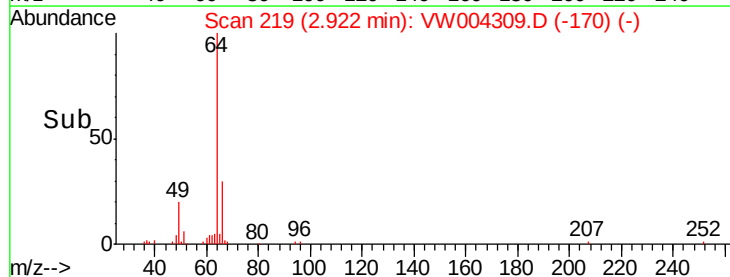
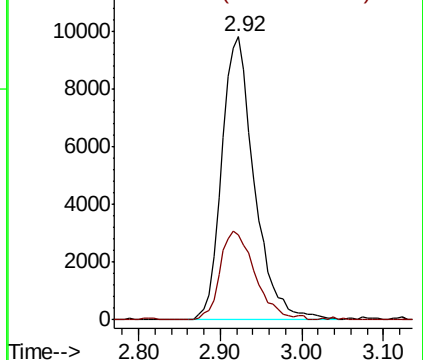
64 100

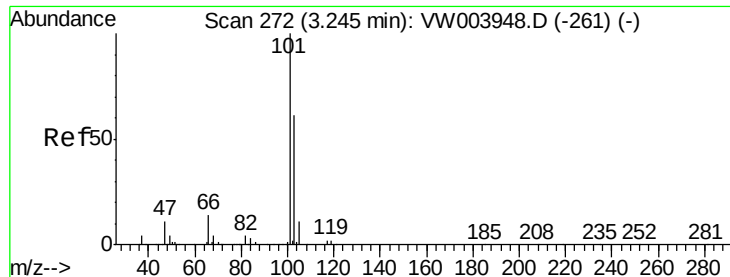
66 30.2 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



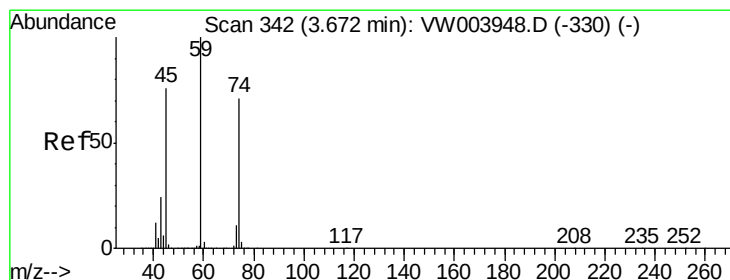
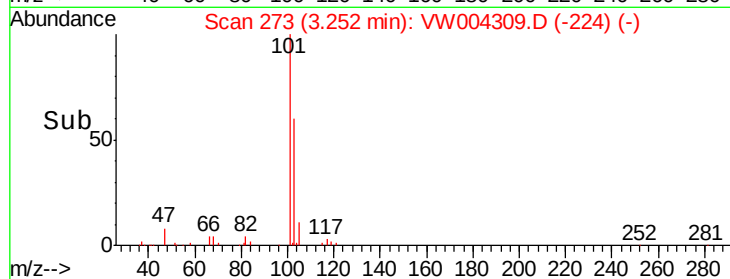
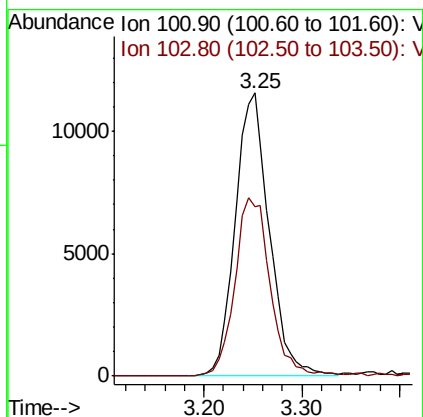
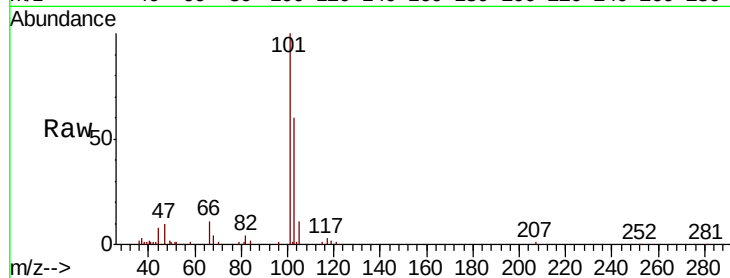


#7

Trichlorofluoromethane
 Concen: 17.935 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampled :

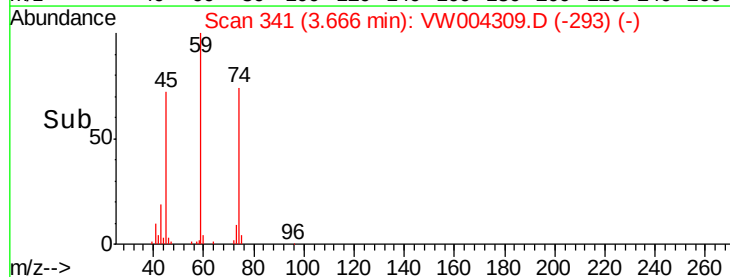
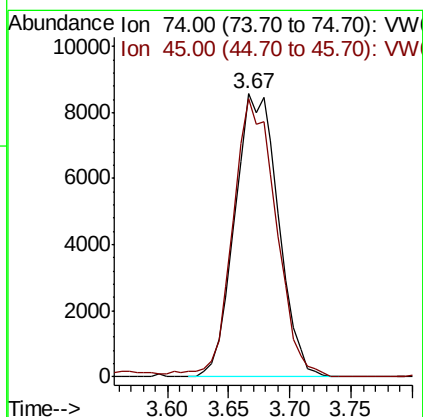
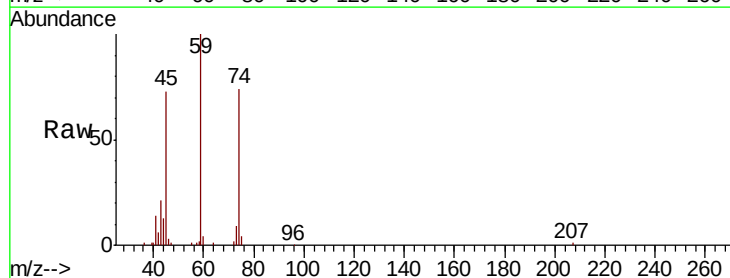
Tot Ion:101 Resp: 27948
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.8 76.2

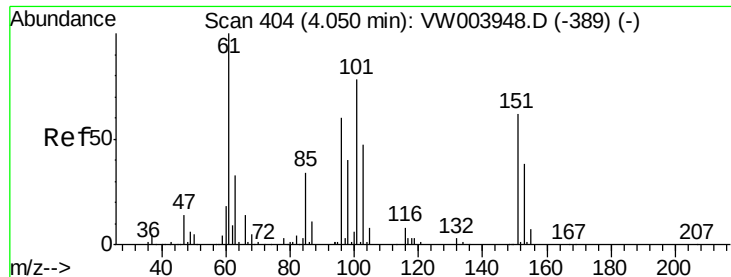


#8

Diethyl Ether
 Concen: 15.528 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 74 Resp: 21206
 Ion Ratio Lower Upper
 74 100
 45 97.3 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.305 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

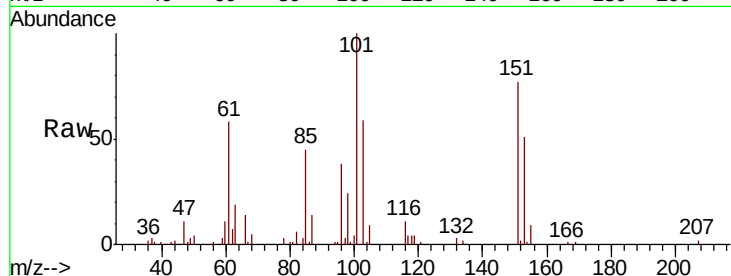
Tot Ion:101 Resp: 38658

Ion Ratio Lower Upper

101 100

85 43.4 35.5 53.3

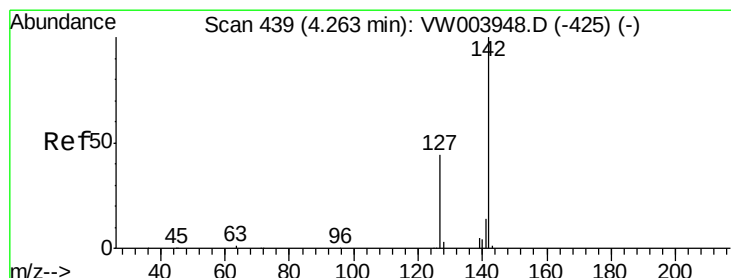
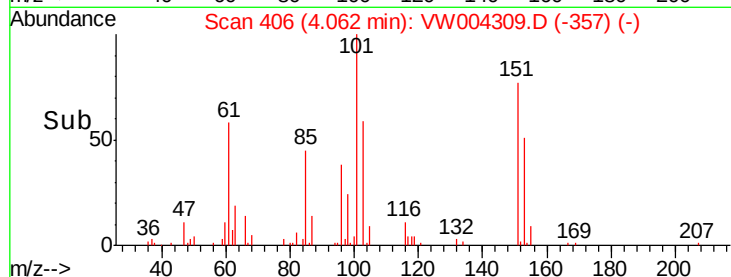
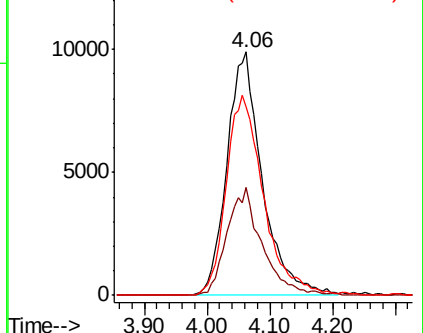
151 86.5 64.6 97.0



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: 14.892 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

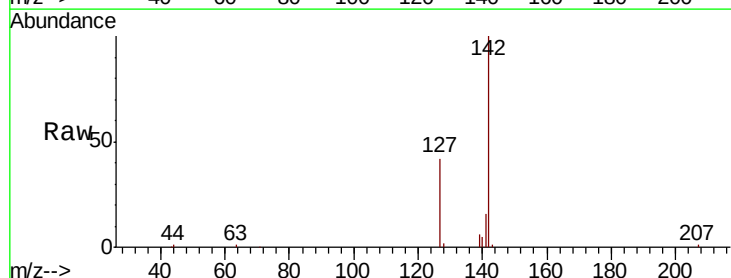
Tgt Ion:142 Resp: 60205

Ion Ratio Lower Upper

142 100

127 42.9 34.6 52.0

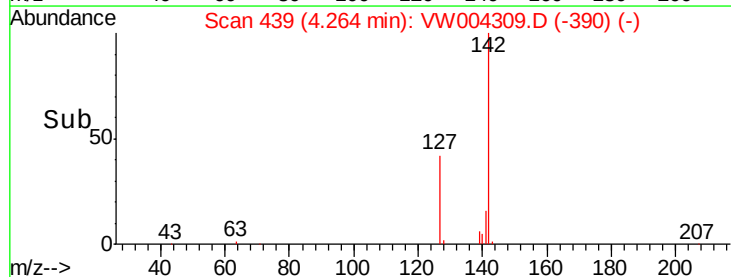
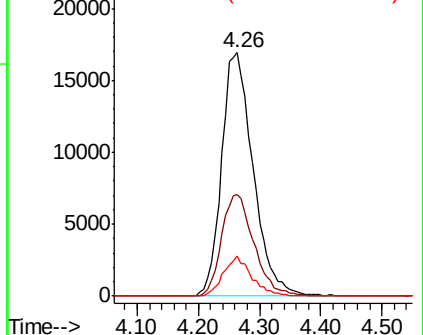
141 14.6 11.5 17.3

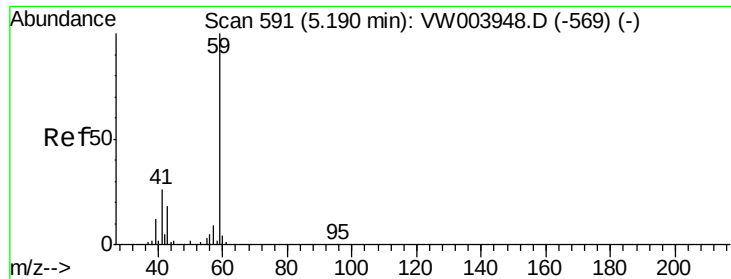


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



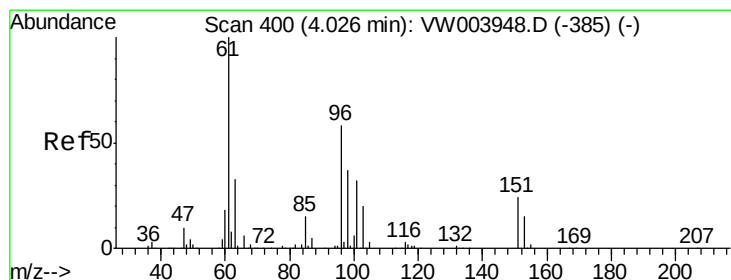
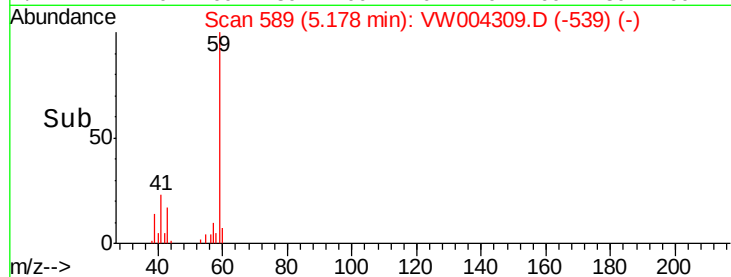
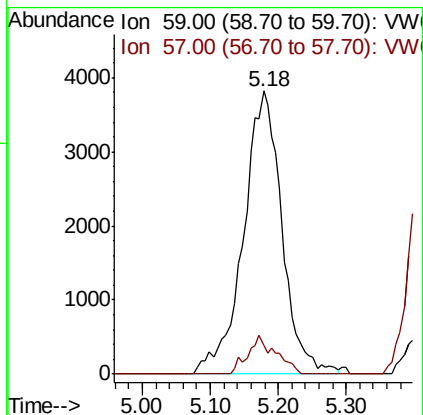
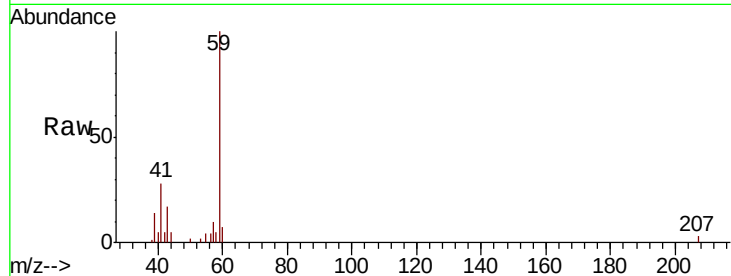


#11

Tert butyl alcohol
 Concen: 75.536 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :

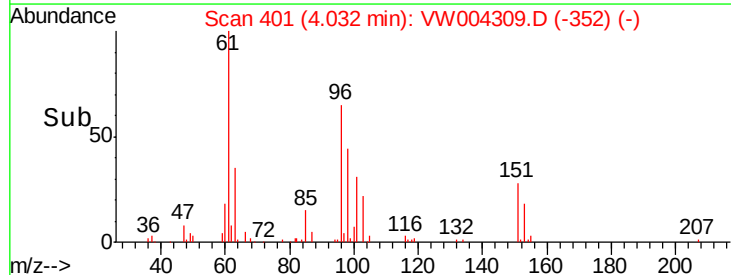
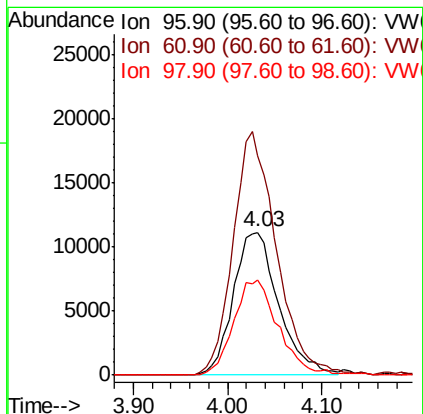
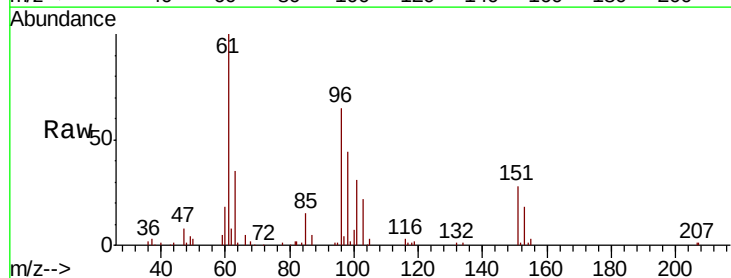
Tot Ion: 59 Resp: 15084
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

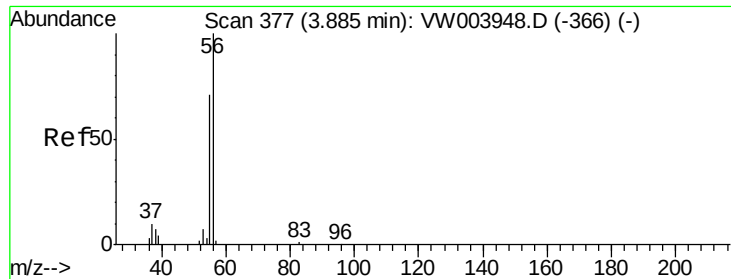


#12

1,1-Dichloroethene
 Concen: 13.856 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 96 Resp: 37415
 Ion Ratio Lower Upper
 96 100
 61 153.1 133.4 200.0
 98 66.9 51.9 77.9





#13

Acrolein

Concen: 62.311 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

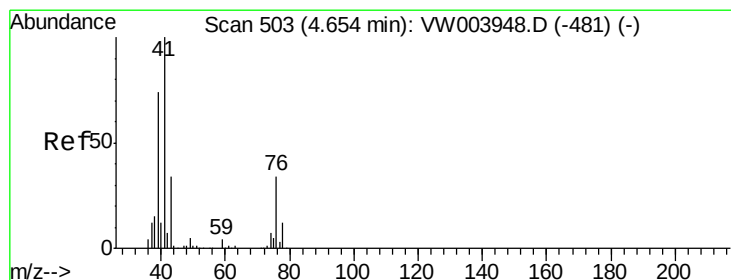
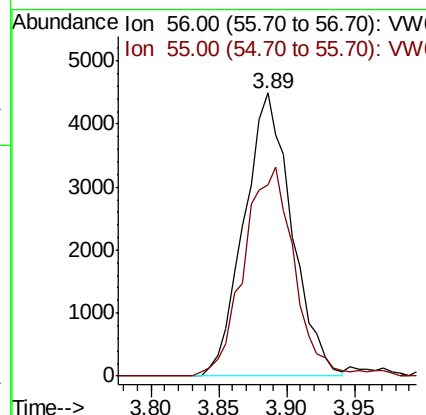
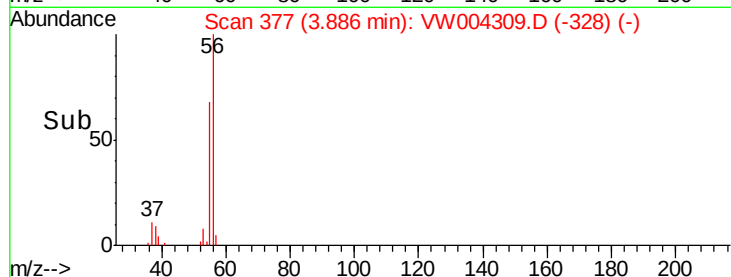
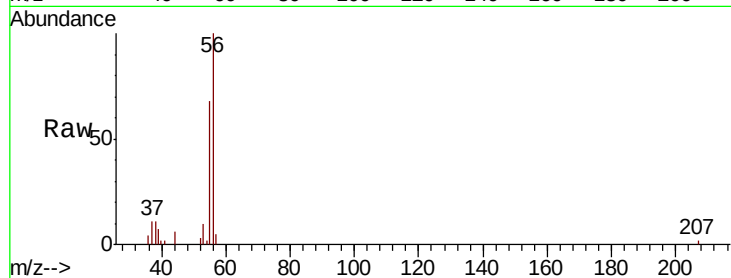
ClientSampleId :

Tot Ion: 56 Resp: 11029

Ion Ratio Lower Upper

56 100

55 77.7 59.4 89.2



#14

Allyl chloride

Concen: 13.312 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

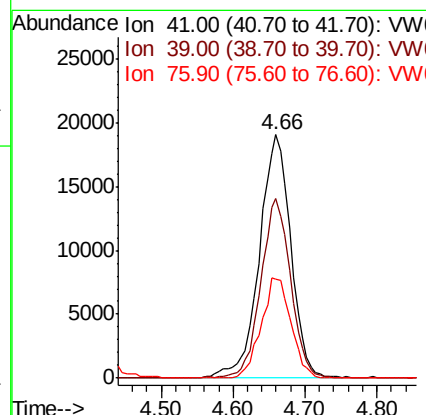
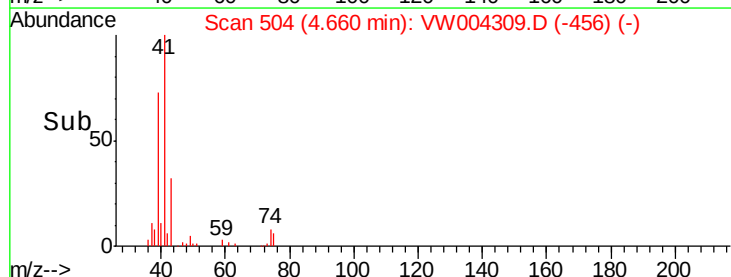
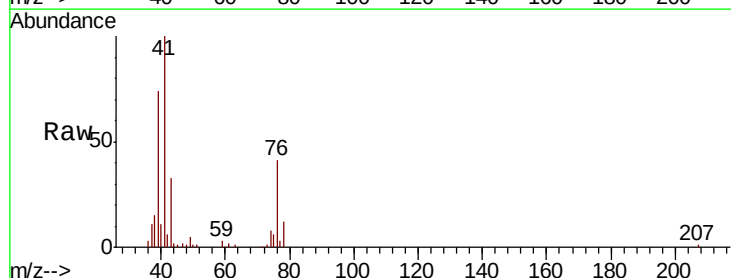
Tgt Ion: 41 Resp: 57794

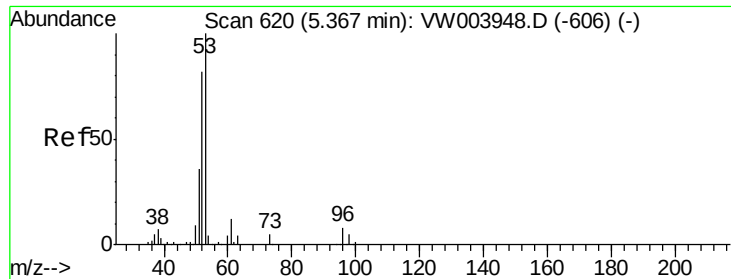
Ion Ratio Lower Upper

41 100

39 70.2 52.3 78.5

76 39.1 27.3 40.9





#15

Acrylonitrile

Concen: 73.256 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

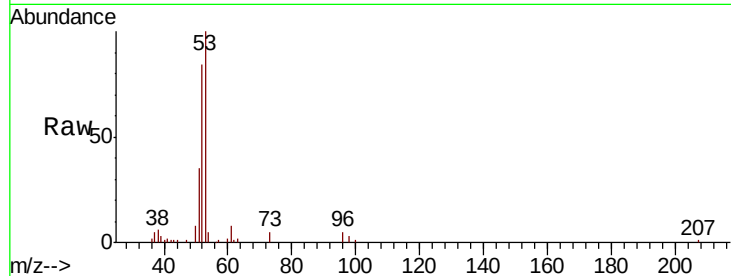
Tot Ion: 53 Resp: 44923

Ion Ratio Lower Upper

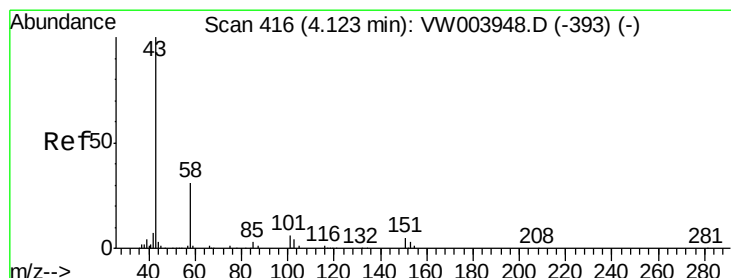
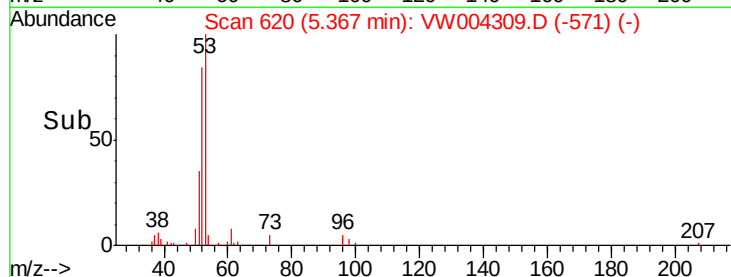
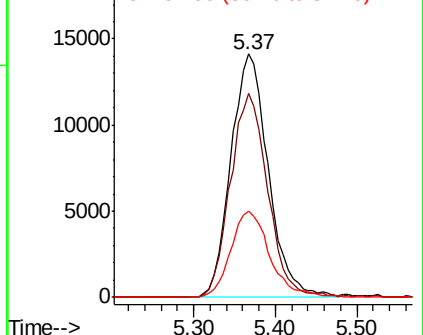
53 100

52 83.6 65.7 98.5

51 37.0 29.2 43.8



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



#16

Acetone

Concen: 63.948 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004309.D

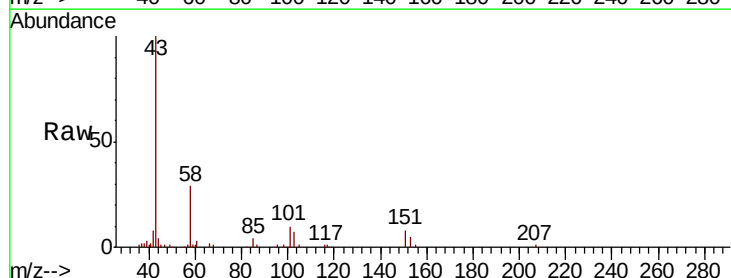
Acq: 29 Jul 2018 12:38

Tgt Ion: 43 Resp: 39887

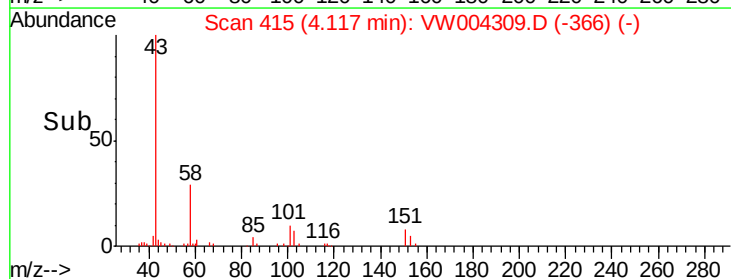
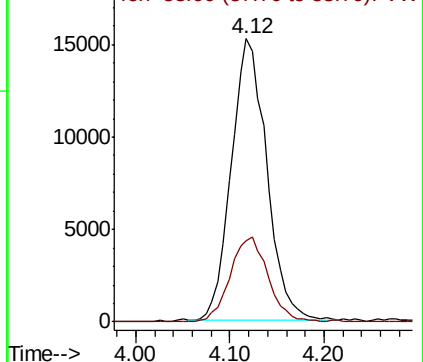
Ion Ratio Lower Upper

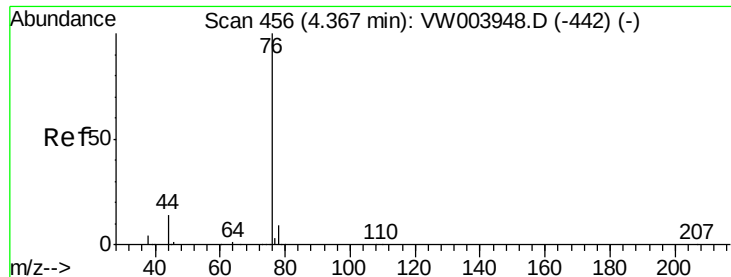
43 100

58 29.0 24.8 37.2



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

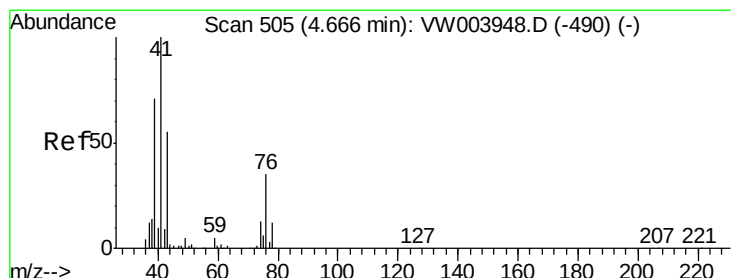
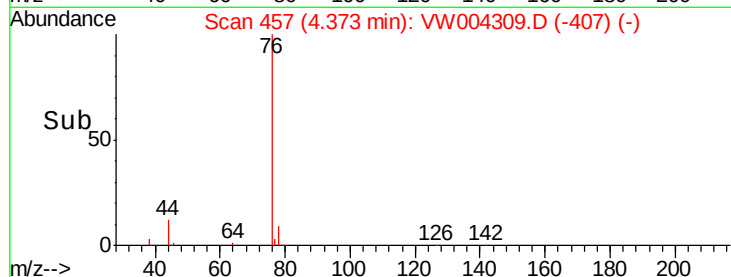
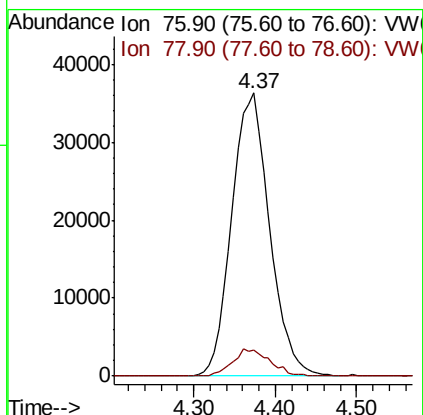
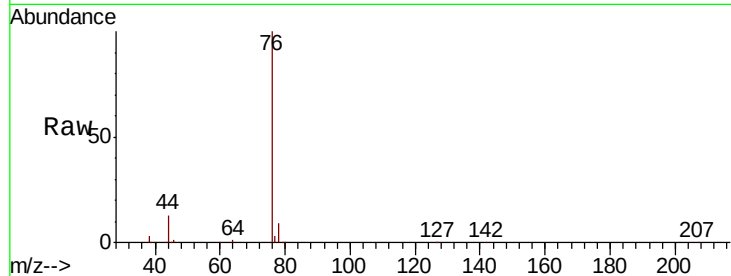




#17
Carbon Disulfide
Concen: 13.999 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

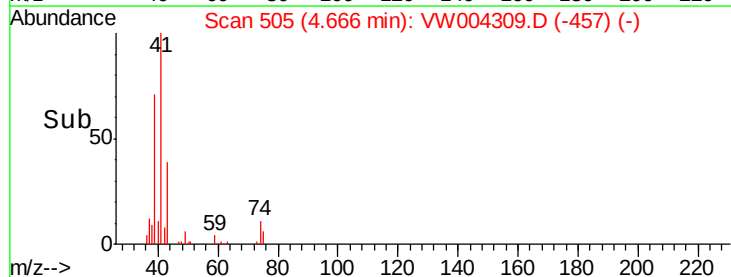
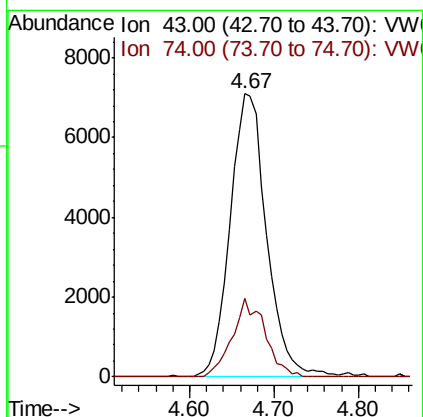
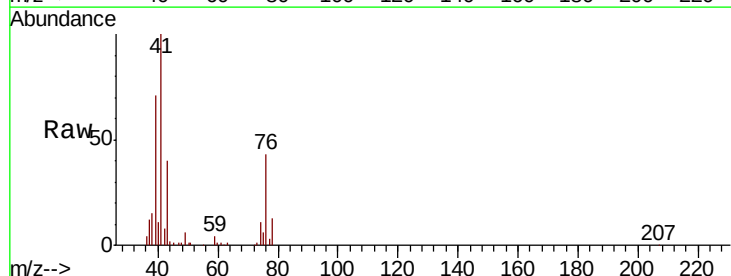
Instrument :
MSVOA_W
ClientSampled :

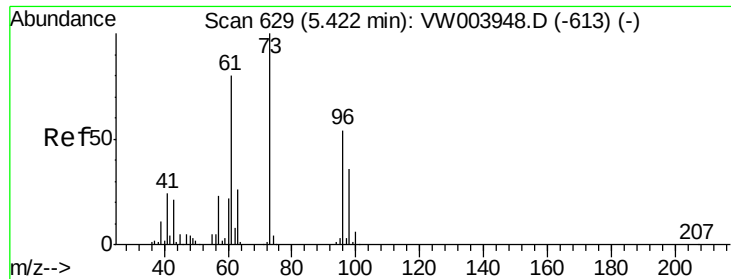
Tot Ion: 76 Resp: 116882
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 12.959 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 43 Resp: 20795
Ion Ratio Lower Upper
43 100
74 24.9 17.8 26.6

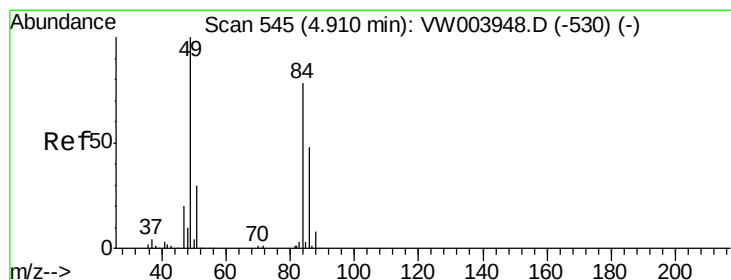
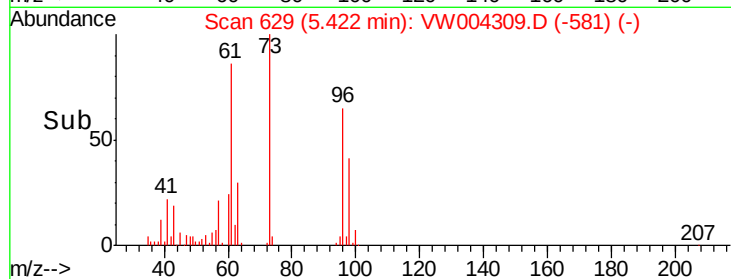
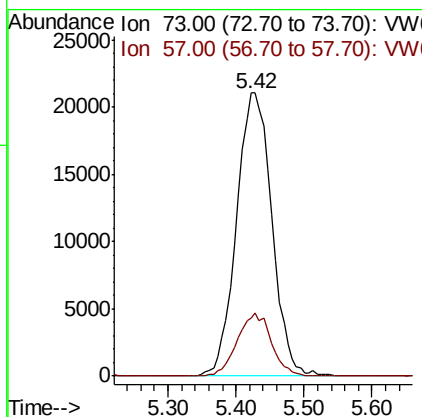
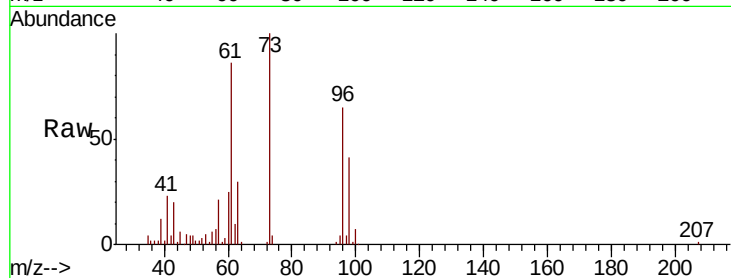




#19
Methyl tert-butyl Ether
Concen: 15.840 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

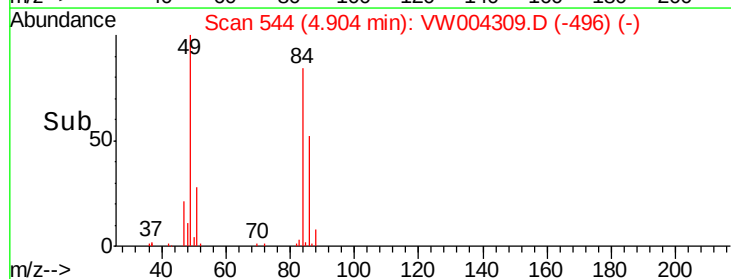
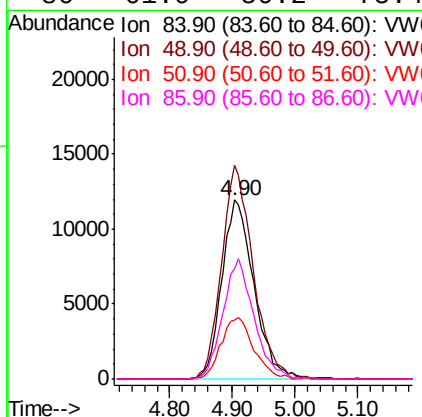
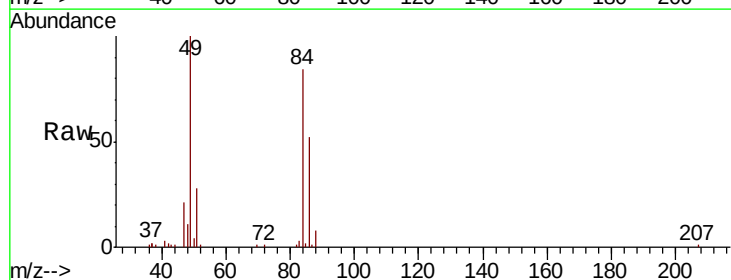
Instrument :
MSVOA_W
ClientSampled :

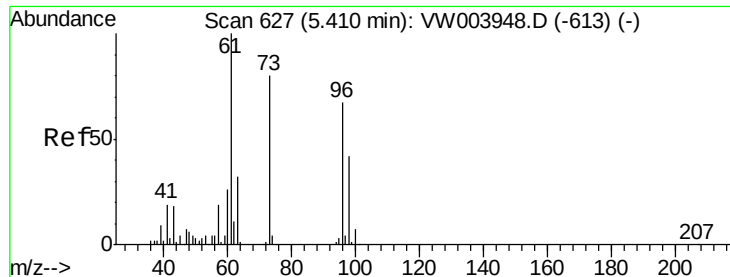
Tot Ion: 73 Resp: 76164
Ion Ratio Lower Upper
73 100
57 20.7 18.4 27.6



#20
Methylene Chloride
Concen: 14.552 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 84 Resp: 42243
Ion Ratio Lower Upper
84 100
49 119.4 100.5 150.7
51 33.0 30.9 46.3
86 61.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 15.396 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

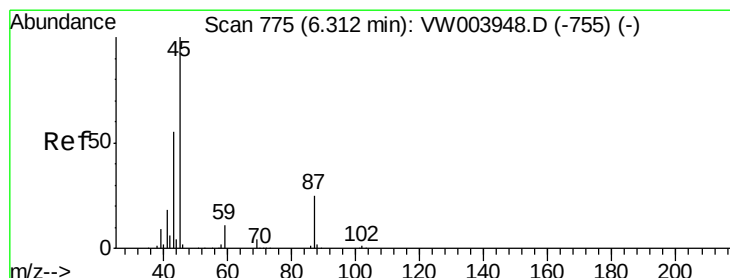
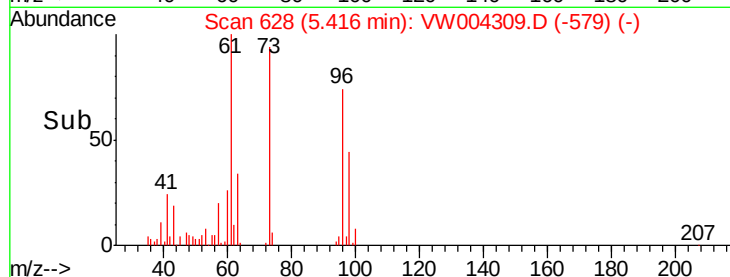
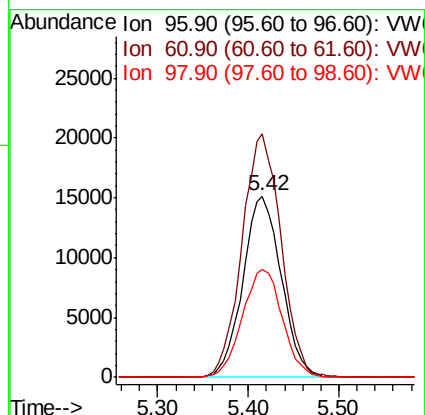
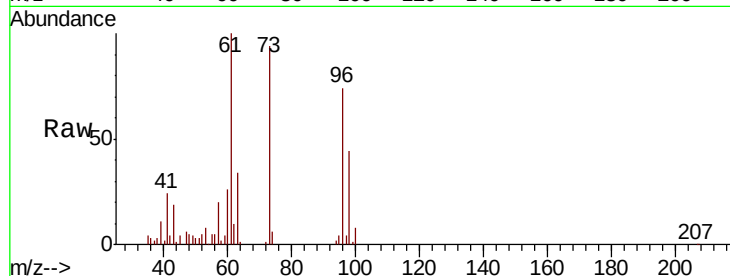
Tot Ion: 96 Resp: 44340

Ion Ratio Lower Upper

96 100

61 134.3 116.2 174.2

98 59.4 52.9 79.3



#22

Diisopropyl ether

Concen: 18.387 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Tgt Ion: 45 Resp: 150230

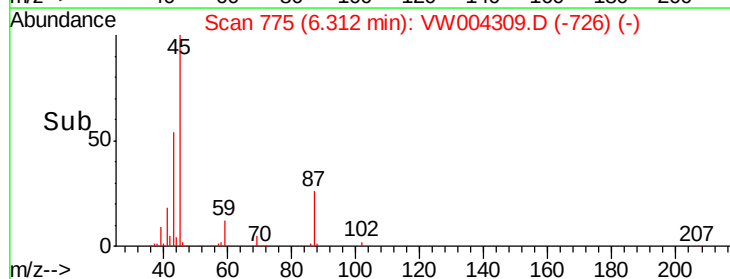
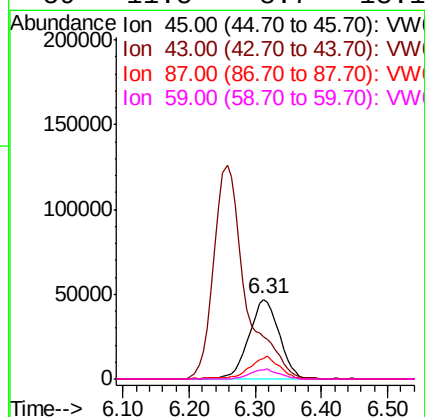
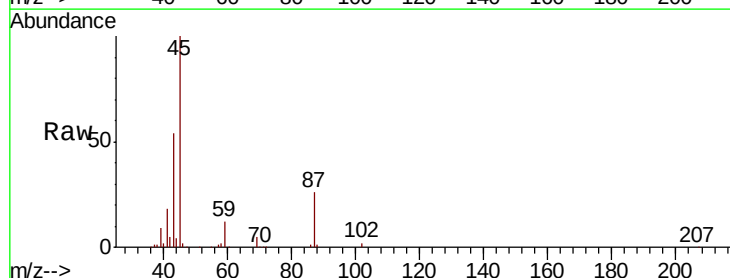
Ion Ratio Lower Upper

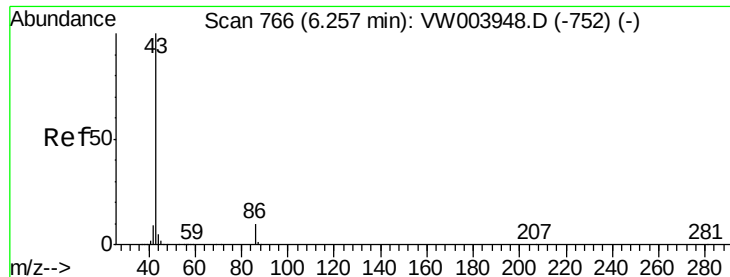
45 100

43 53.1 42.3 63.5

87 26.4 19.9 29.9

59 11.5 8.7 13.1





#23

Vinyl Acetate

Concen: 88.672 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

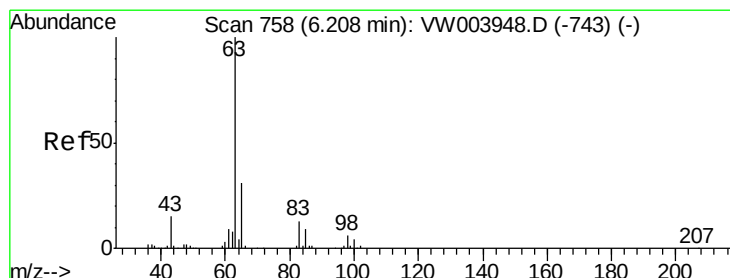
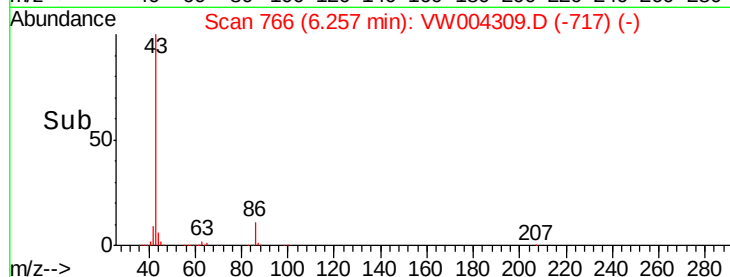
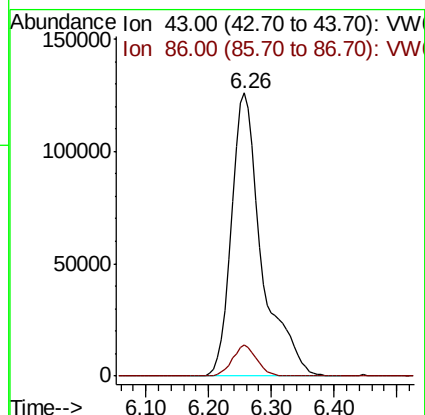
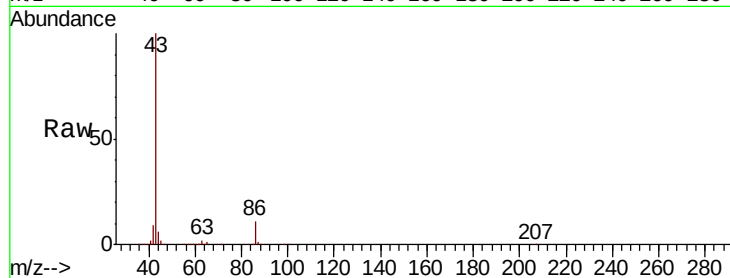
ClientSampleId :

Tot Ion: 43 Resp: 420331

Ion Ratio Lower Upper

43 100

86 10.8 7.7 11.5



#24

1,1-Dichloroethane

Concen: 17.006 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

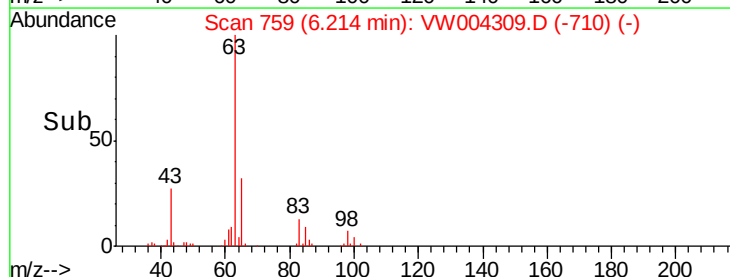
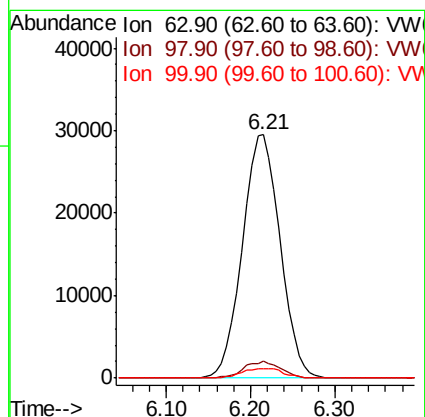
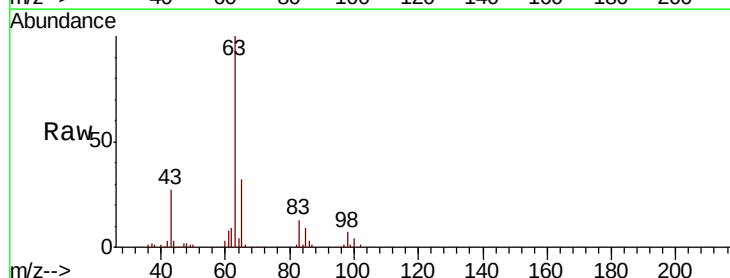
Tgt Ion: 63 Resp: 89487

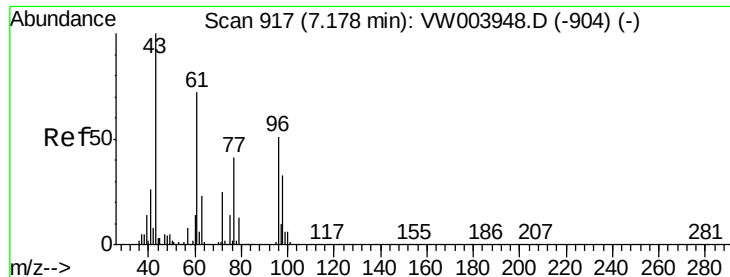
Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

100 3.9 2.3 6.9





#25

2-Butanone

Concen: 112.293 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

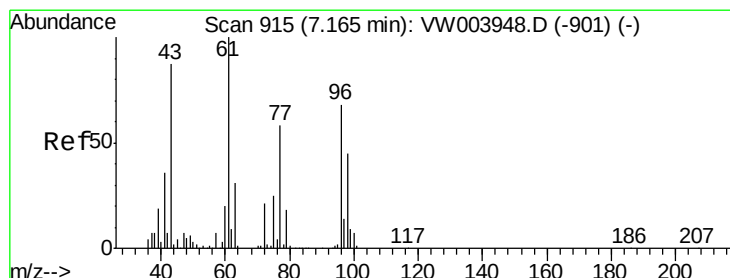
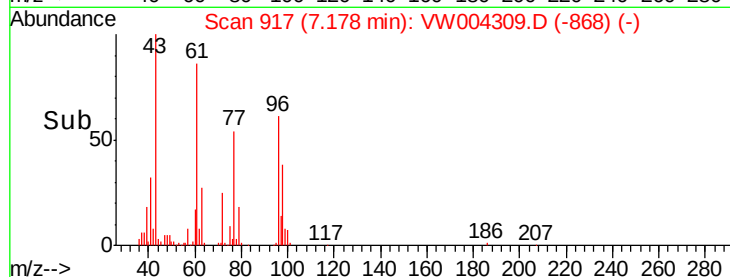
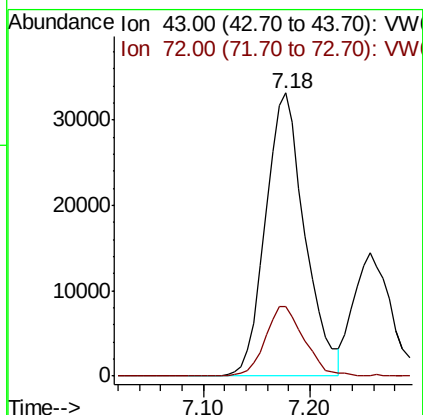
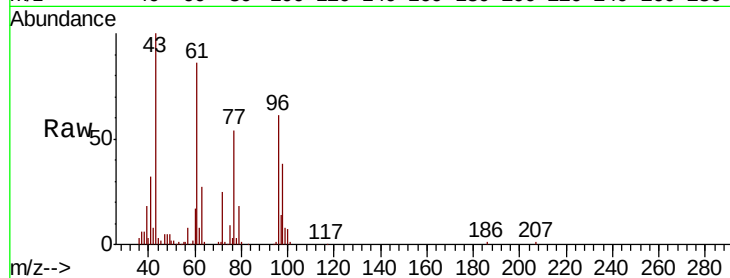
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 84889

Ion Ratio Lower Upper

43 100

72 24.8 20.3 30.5



#26

2,2-Dichloropropane

Concen: 21.035 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004309.D

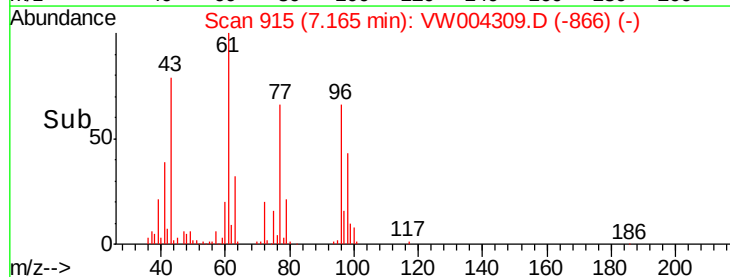
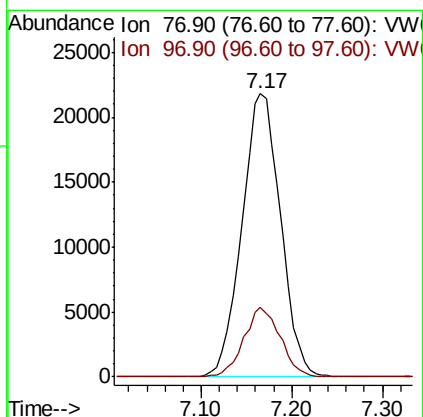
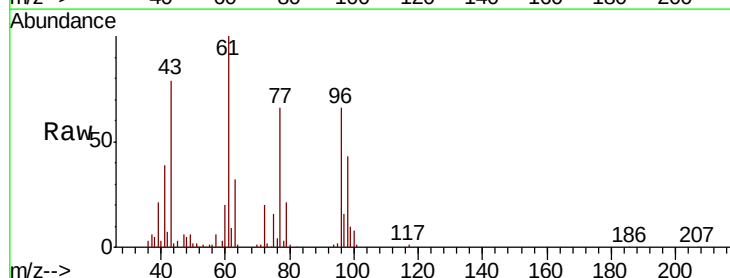
Acq: 29 Jul 2018 12:38

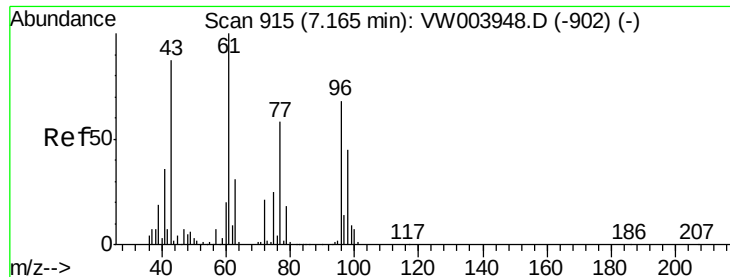
Tgt Ion: 77 Resp: 64217

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1



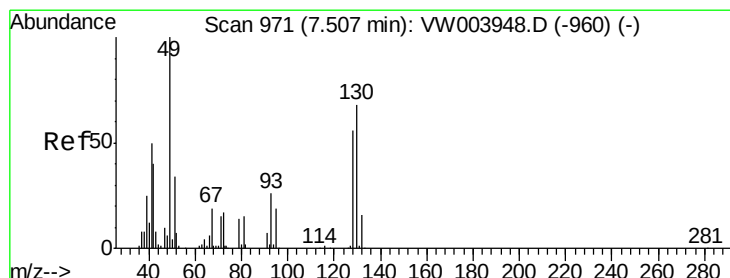
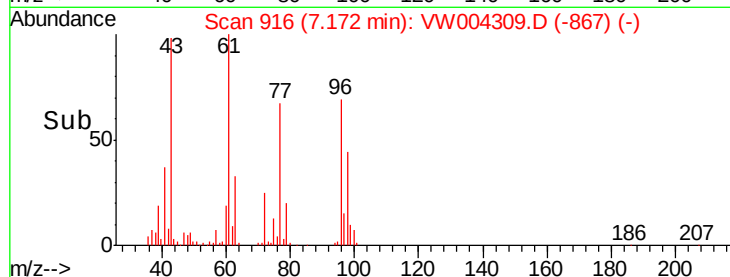
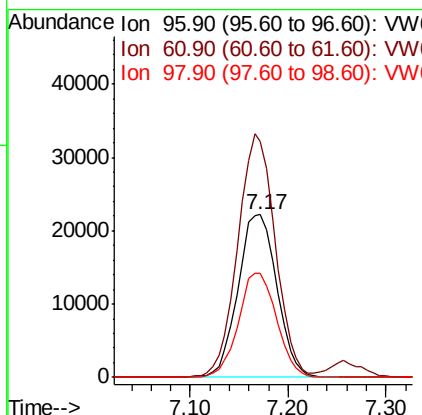
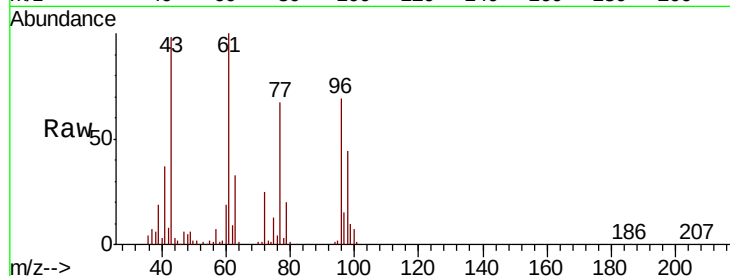


#27

cis-1,2-Dichloroethene
 Concen: 20.850 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :

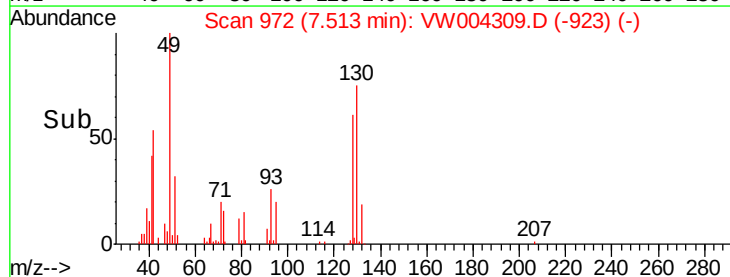
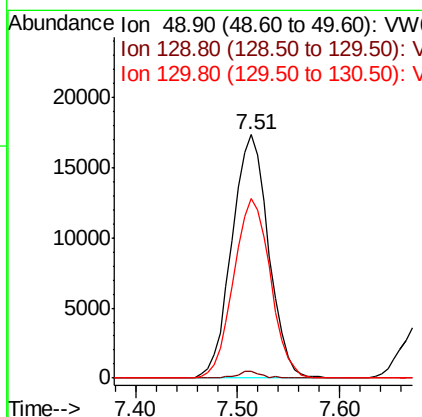
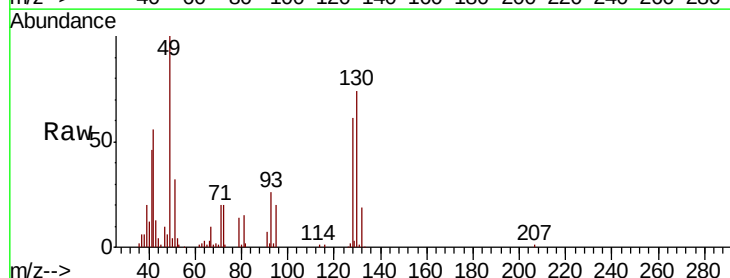
Tot Ion: 96 Resp: 61109
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 292.0
 98 62.9 0.0 129.6

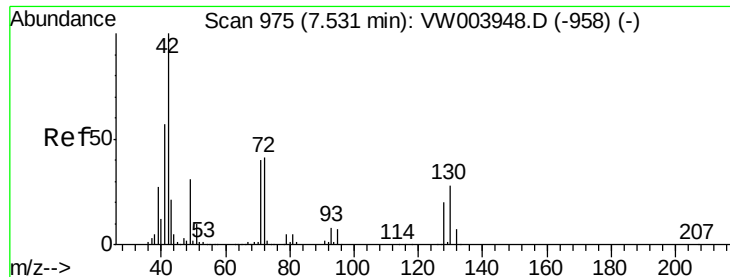


#28

Bromochloromethane
 Concen: 23.434 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 49 Resp: 43216
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 74.3 61.5 92.3

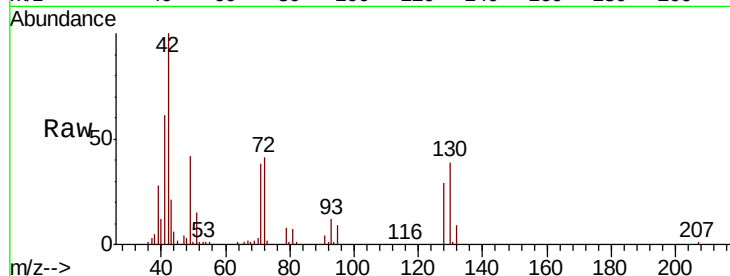




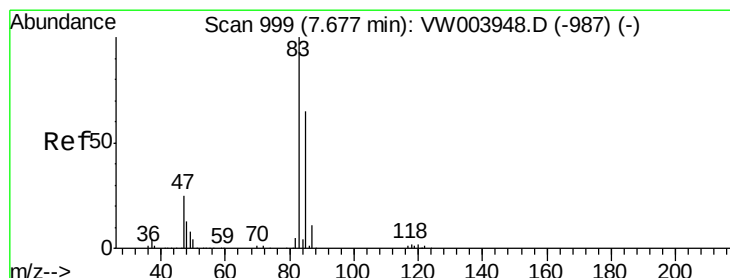
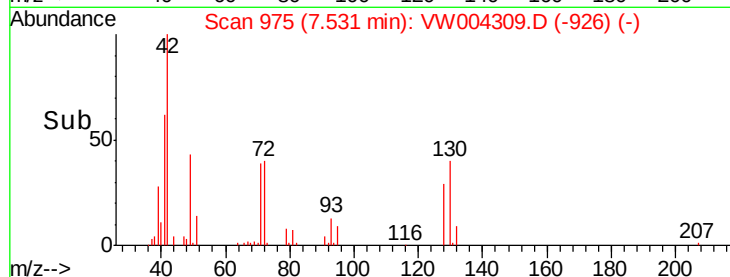
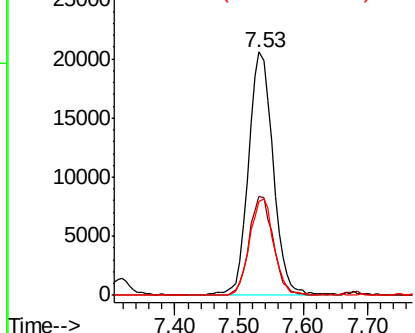
#29
Tetrahydrofuran
Concen: 111.616 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	32.6	48.8
71	38.5	31.3	46.9

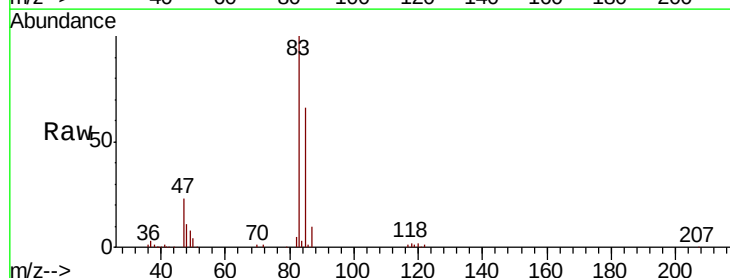


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

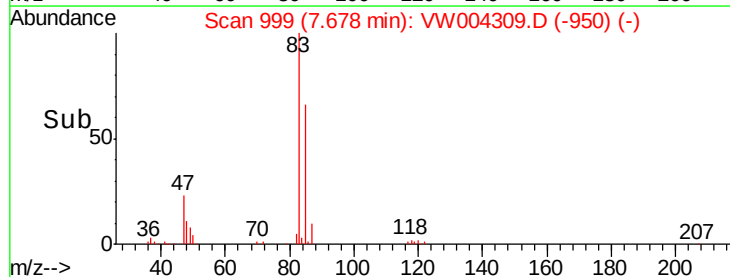
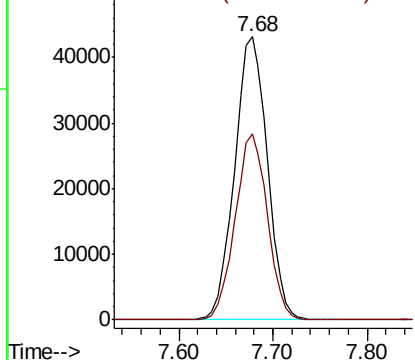


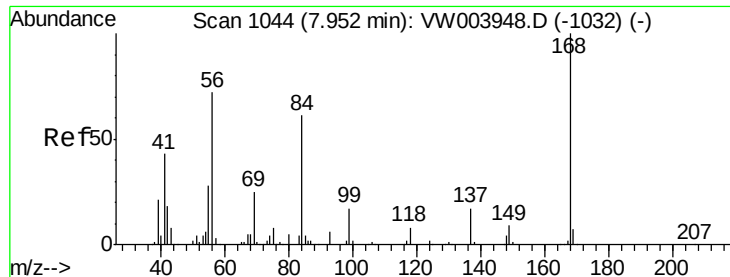
#30
Chloroform
Concen: 20.810 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.5	77.3



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

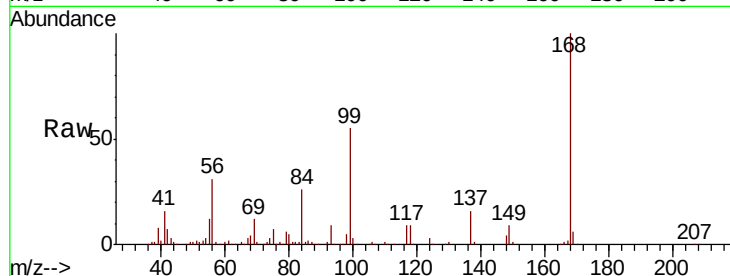




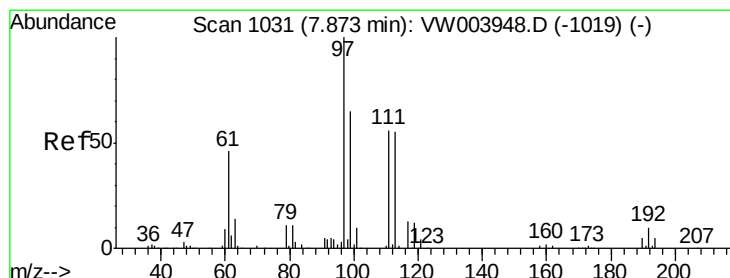
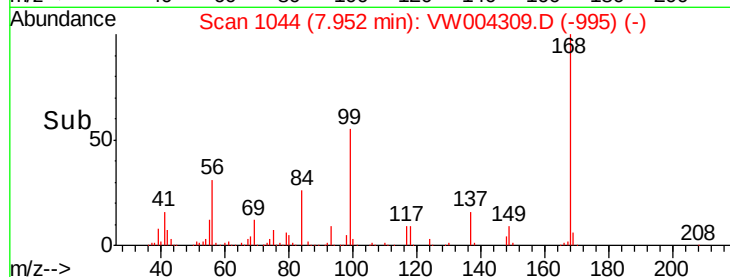
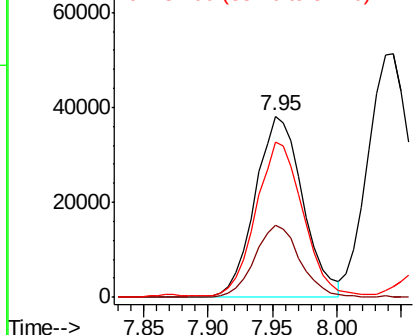
#31
Cyclohexane
Concen: 21.066 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 97887
Ion Ratio Lower Upper
56 100
69 39.6 26.3 39.5#
84 84.5 66.2 99.4

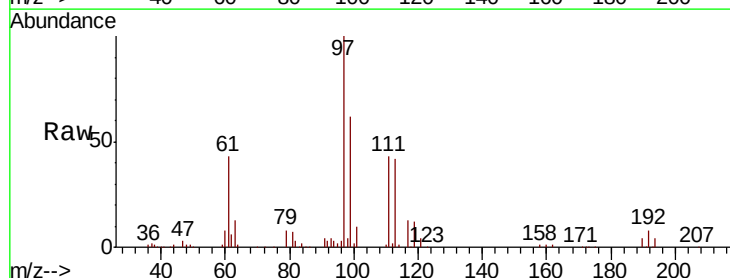


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

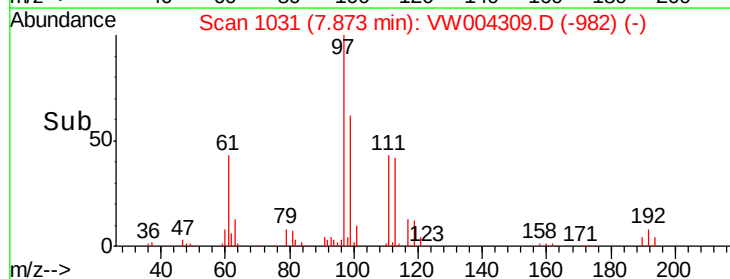
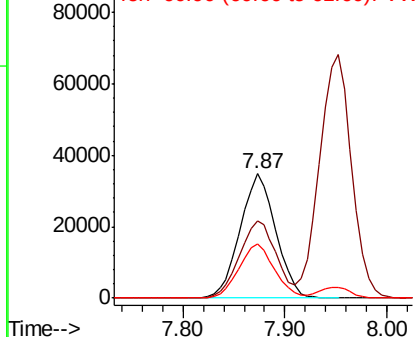


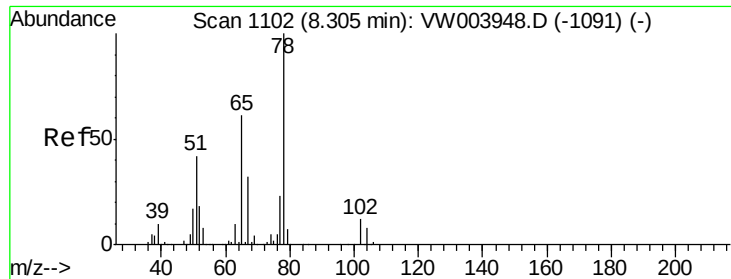
#32
1,1,1-Trichloroethane
Concen: 20.468 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 97 Resp: 84490
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 43.7 34.8 52.2



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

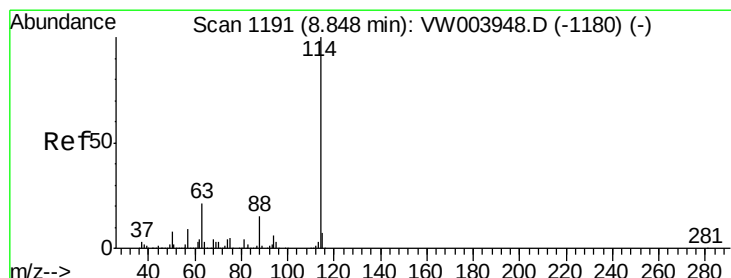
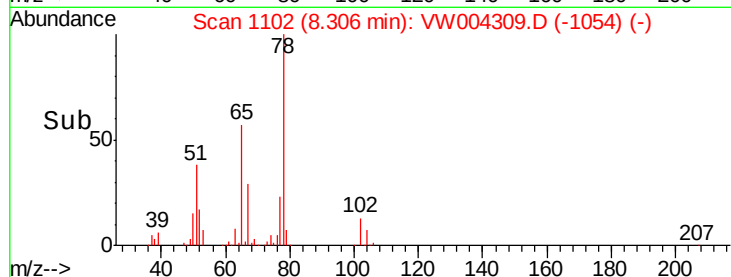
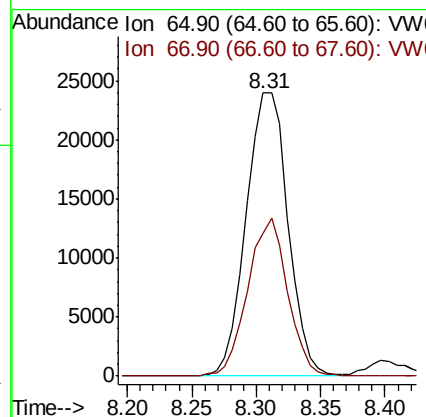
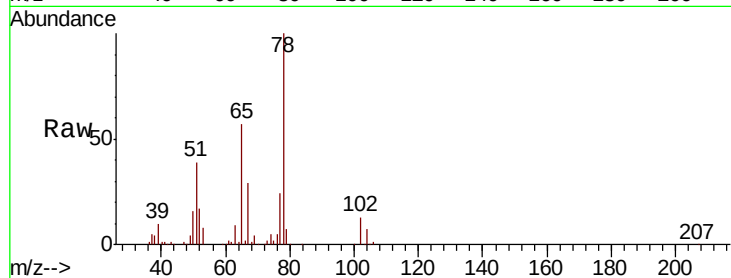




#33
 1,2-Dichloroethane-d4
 Concen: 19.842 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

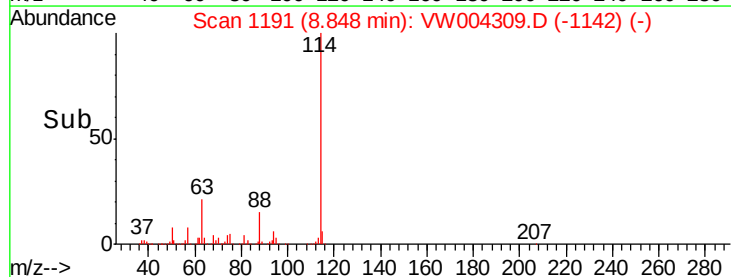
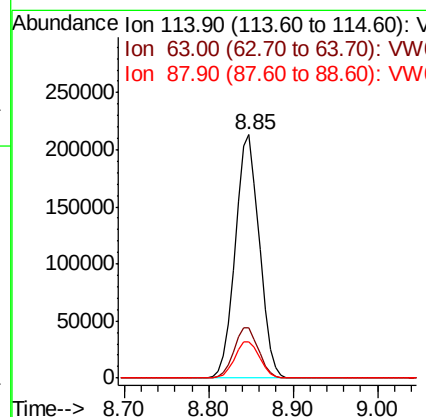
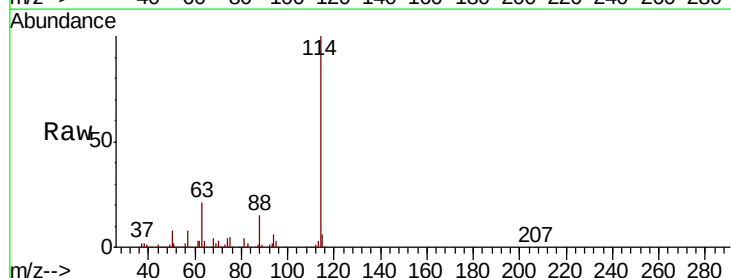
Instrument :
 MSVOA_W
 ClientSampleId :

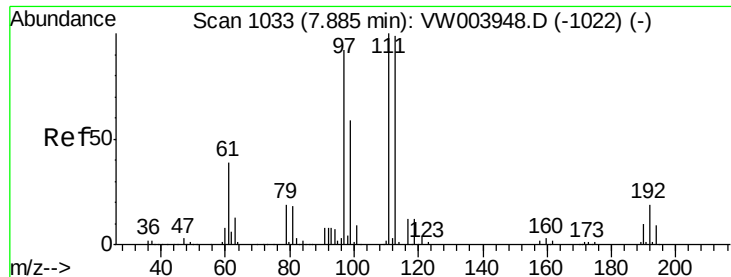
Tot Ion: 65 Resp: 54009
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 114 Resp: 410535
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.1 0.0 30.6

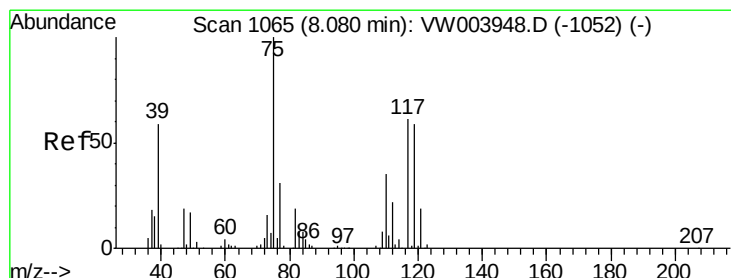
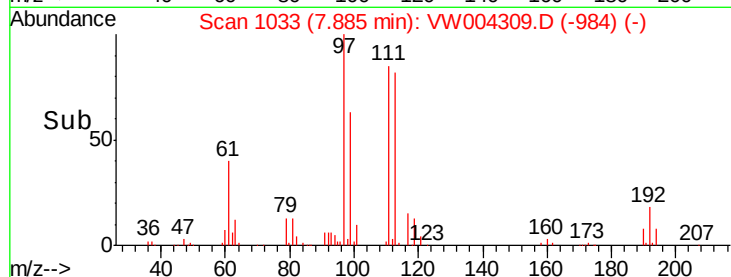
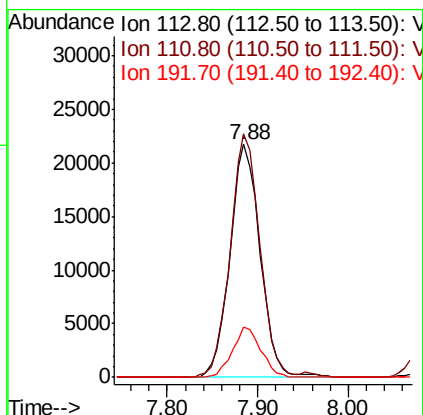
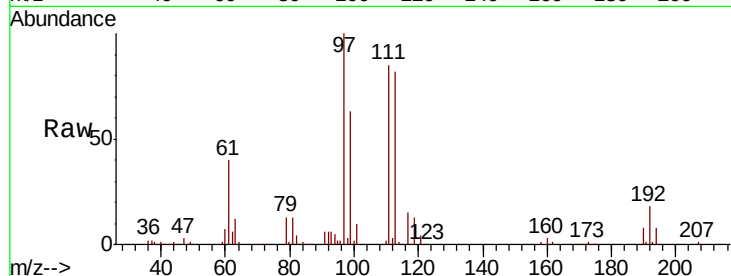




#35
 Dibromofluoromethane
 Concen: 19.422 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

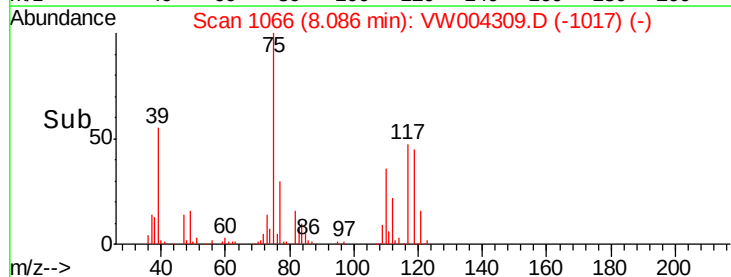
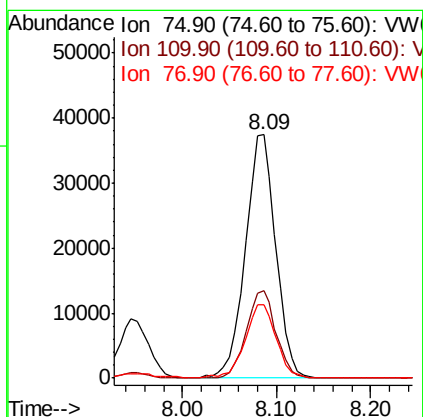
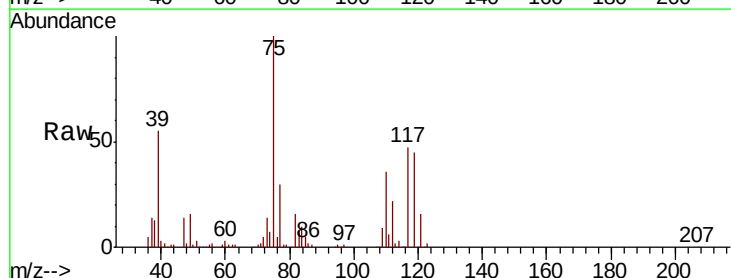
Instrument :
 MSVOA_W
 ClientSampleId :

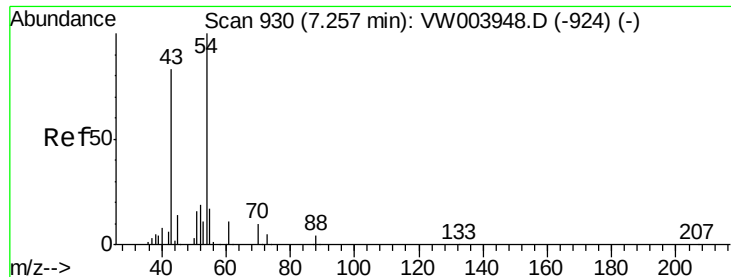
Tot Ion:113 Resp: 50388
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.1 123.1
 192 20.4 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 20.634 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 75 Resp: 84744
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.3 52.0
 77 30.9 25.0 37.6

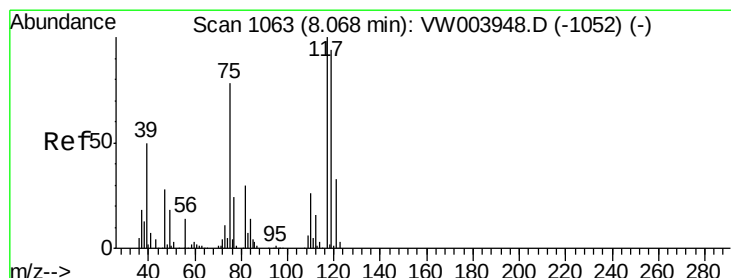
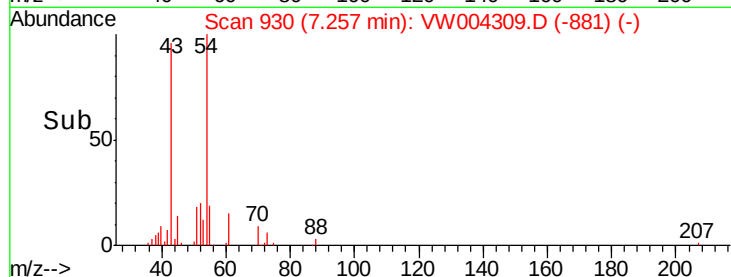
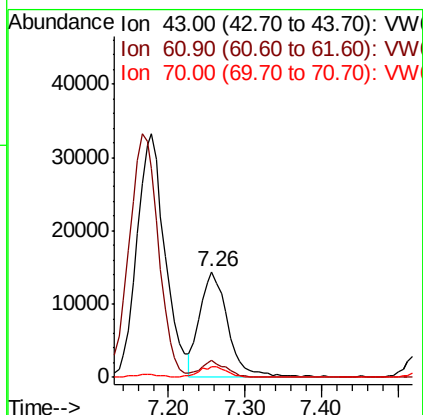
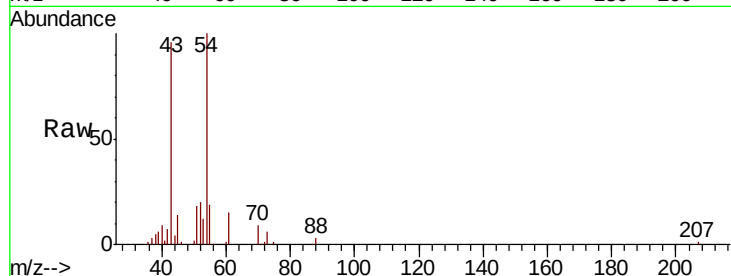




#37
Ethyl Acetate
Concen: 22.194 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

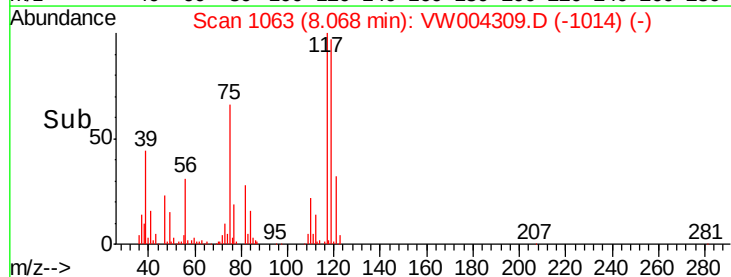
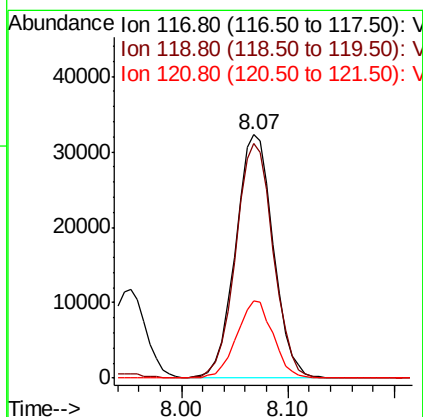
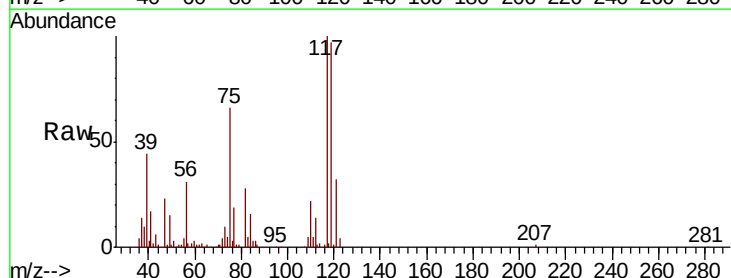
Instrument :
MSVOA_W
ClientSampled :

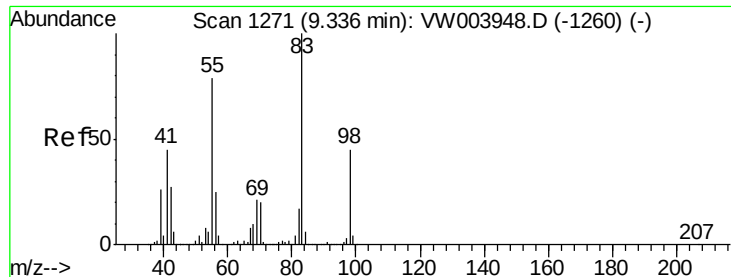
Tot Ion: 43 Resp: 37352
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 9.9 7.8 11.6



#38
Carbon Tetrachloride
Concen: 19.768 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 117 Resp: 80164
Ion Ratio Lower Upper
117 100
119 96.6 79.7 119.5
121 31.8 25.7 38.5

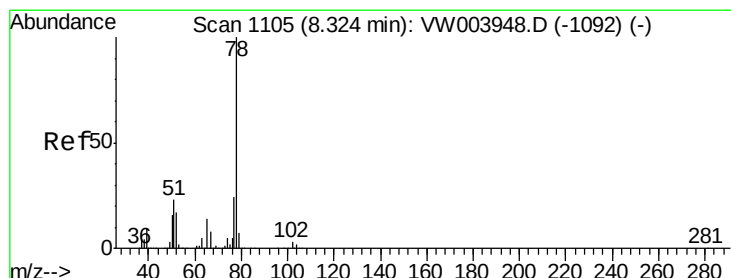
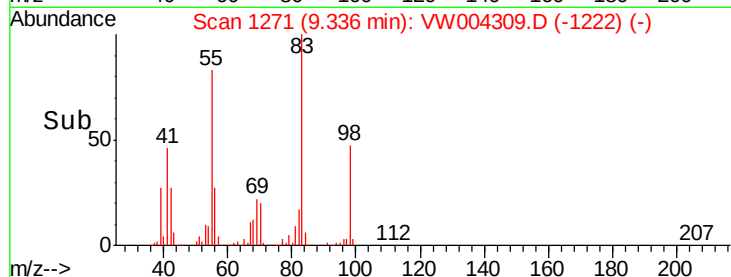
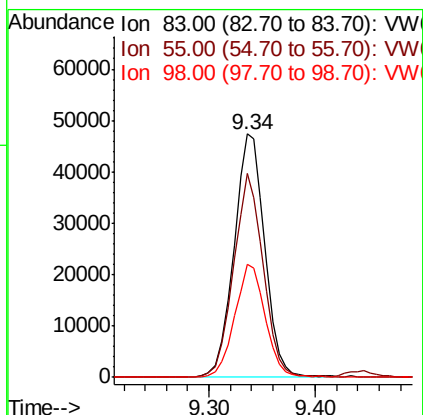
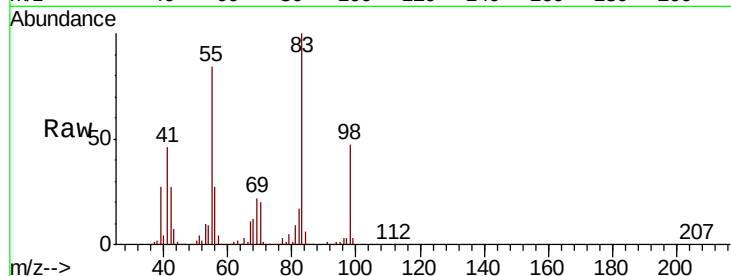




#39
Methylvlcyclohexane
Concen: 19.365 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

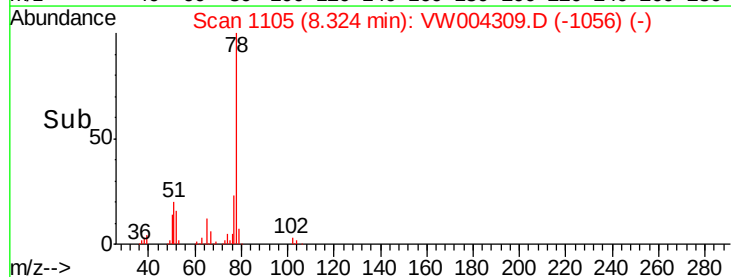
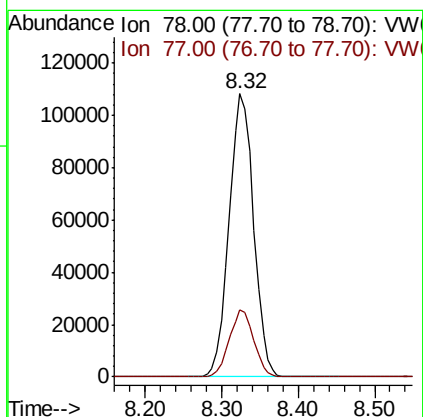
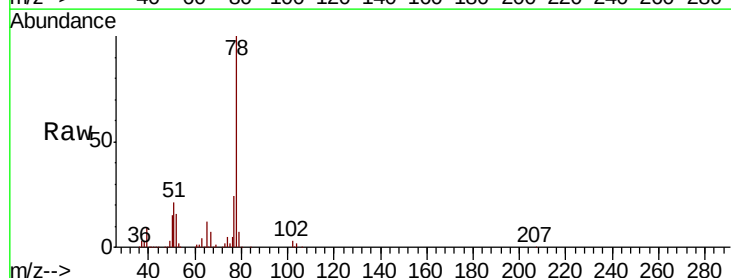
Instrument :
MSVOA_W
ClientSampleId :

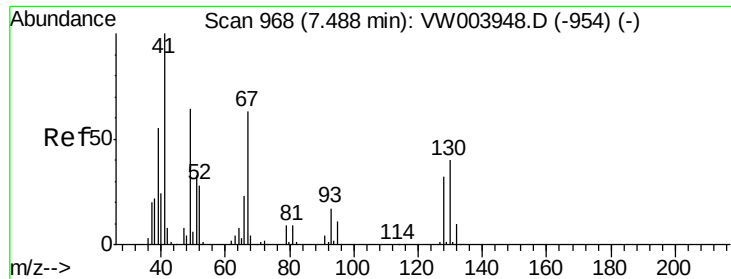
Tot Ion: 83 Resp: 95835
Ion Ratio Lower Upper
83 100
55 83.5 64.3 96.5
98 46.5 36.3 54.5



#40
Benzene
Concen: 20.729 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 78 Resp: 239493
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

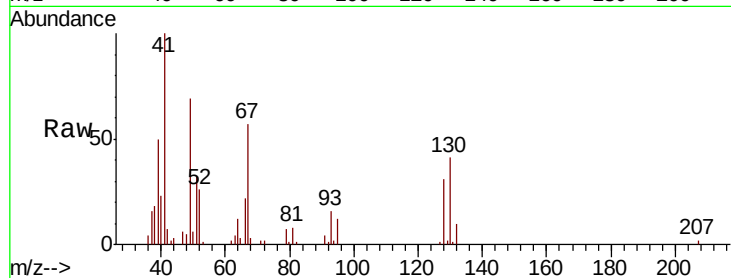




#41
Methacrylonitrile
Concen: 22.031 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	21409
Ion	Ratio	Lower	Upper
41	100		
39	54.6	41.2	61.8
67	67.1	53.4	80.0
52	29.6	22.4	33.6



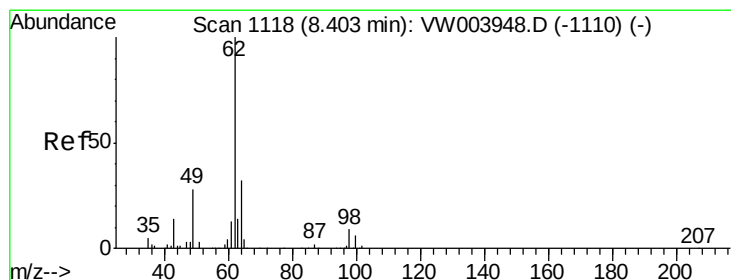
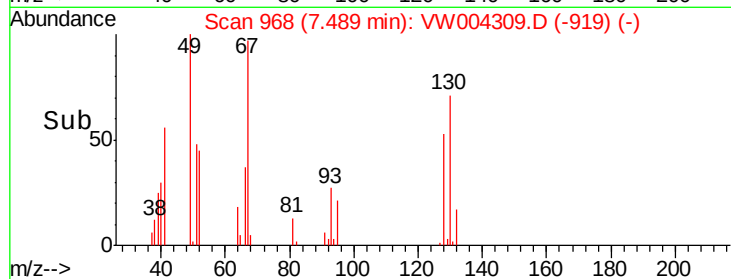
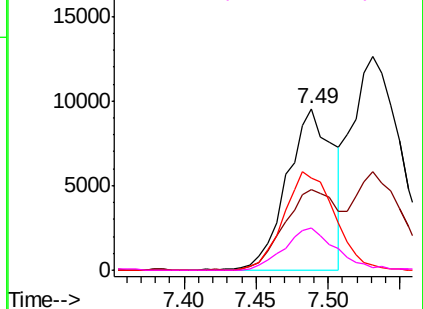
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

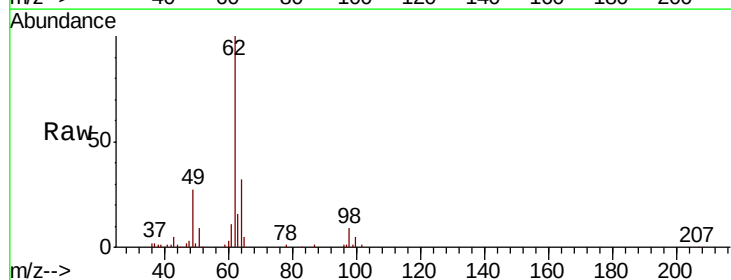
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 18.928 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

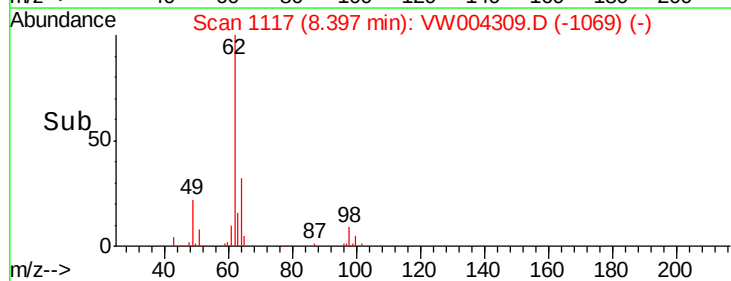
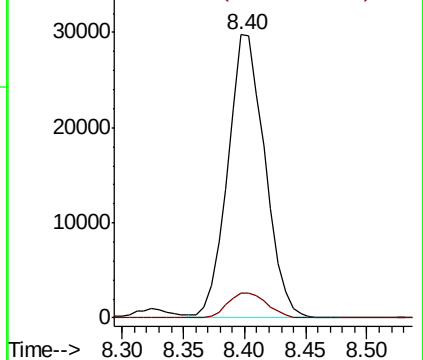
Tgt Ion:	62	Resp:	62521
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

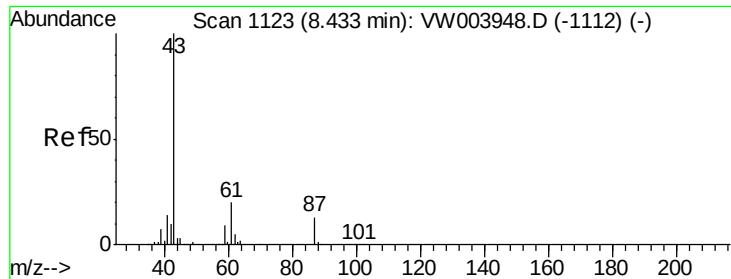


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 17.384 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

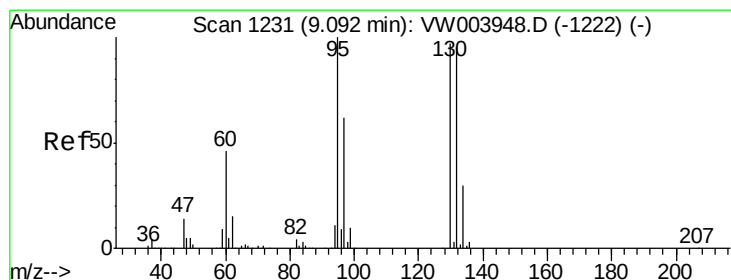
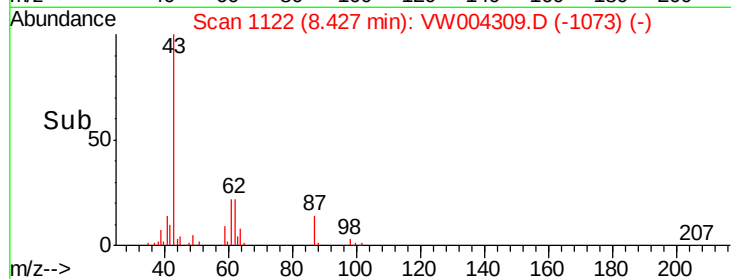
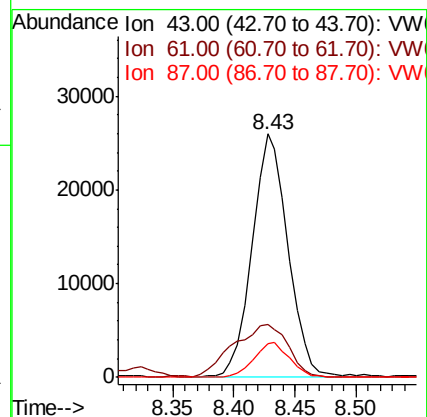
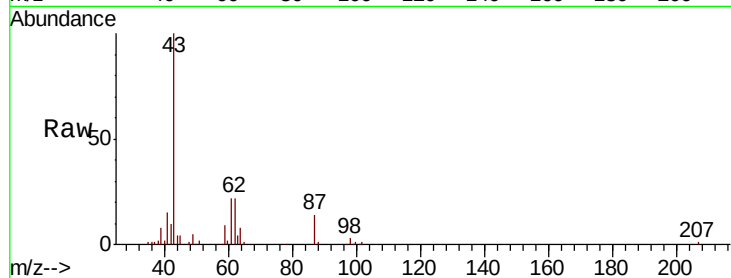
Tot Ion: 43 Resp: 52729

Ion Ratio Lower Upper

43 100

61 33.5 24.5 36.7

87 14.3 10.4 15.6



#44

Trichloroethene

Concen: 19.701 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004309.D

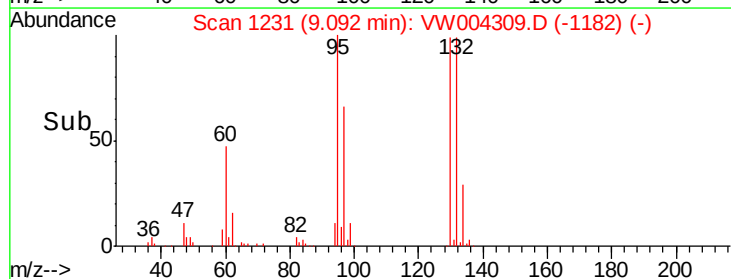
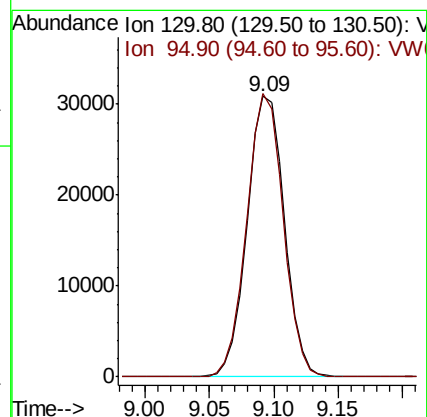
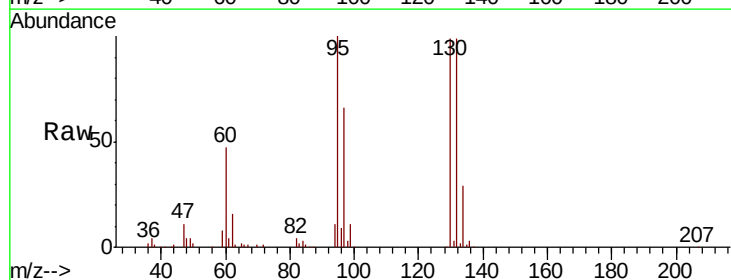
Acq: 29 Jul 2018 12:38

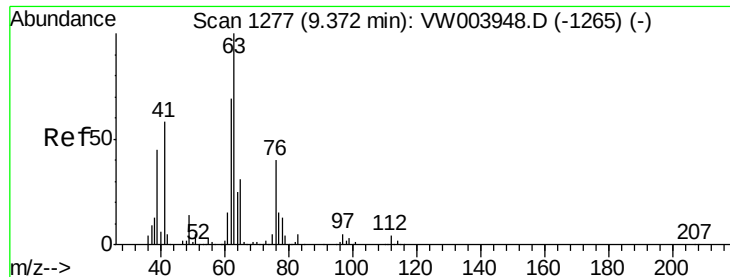
Tgt Ion: 130 Resp: 61452

Ion Ratio Lower Upper

130 100

95 100.9 0.0 199.4

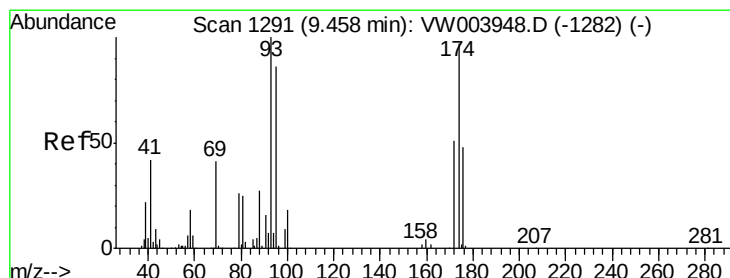
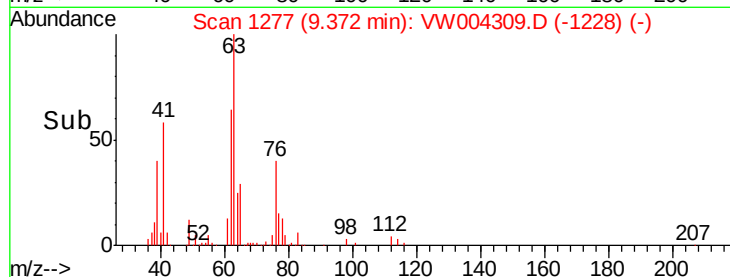
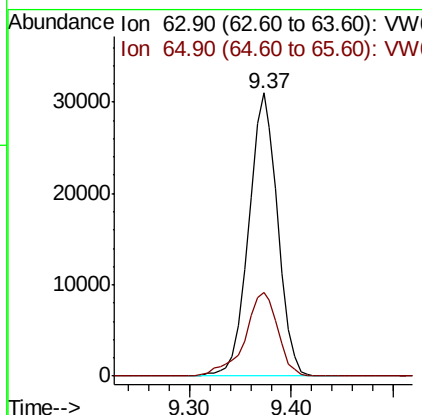
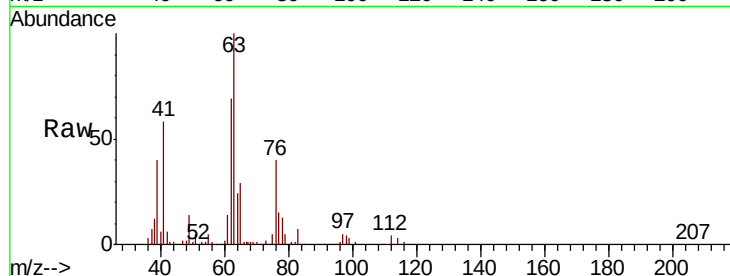




#45
 1,2-Dichloropropane
 Concen: 21.317 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

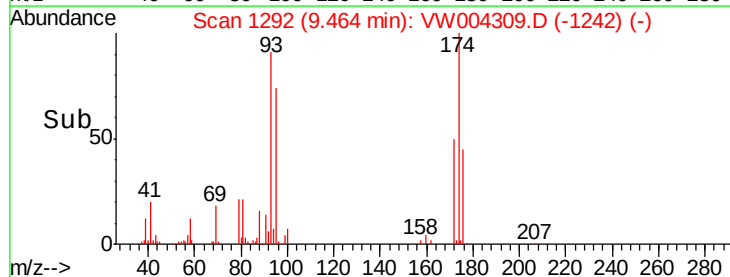
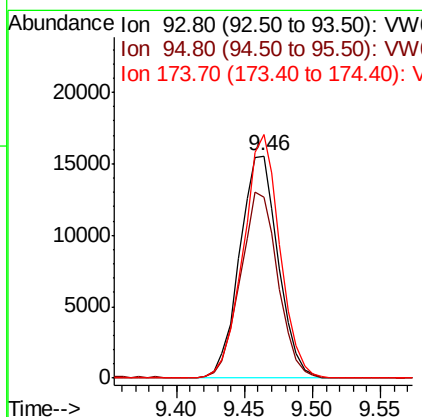
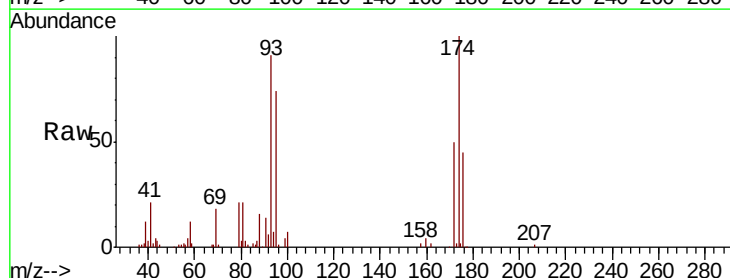
Instrument :
 MSVOA_W
 ClientSampled :

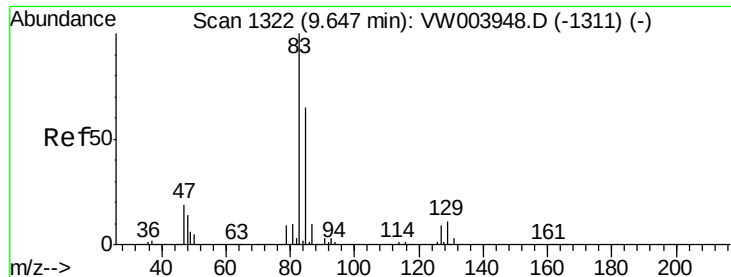
Tot Ion: 63 Resp: 61114
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9



#46
 Dibromomethane
 Concen: 21.018 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 93 Resp: 30770
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.8 98.8
 174 104.1 83.7 125.5

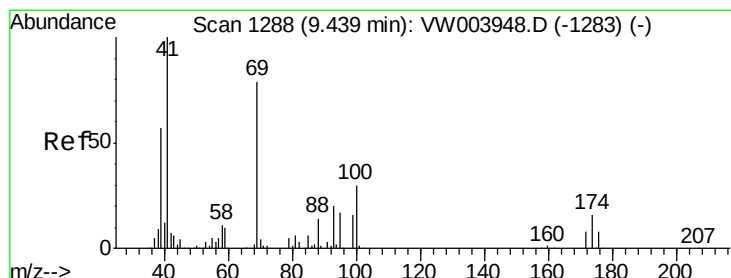
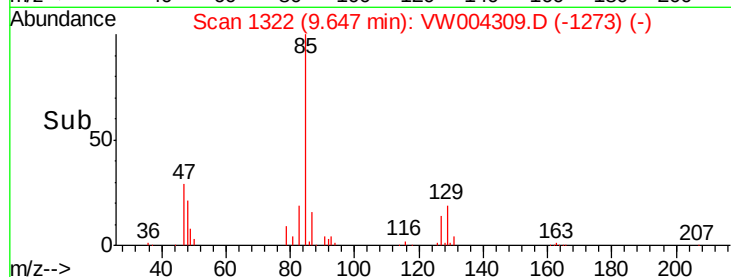
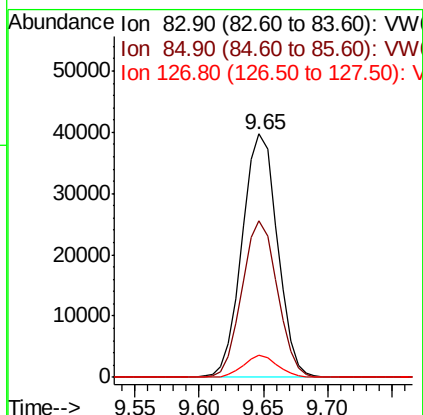
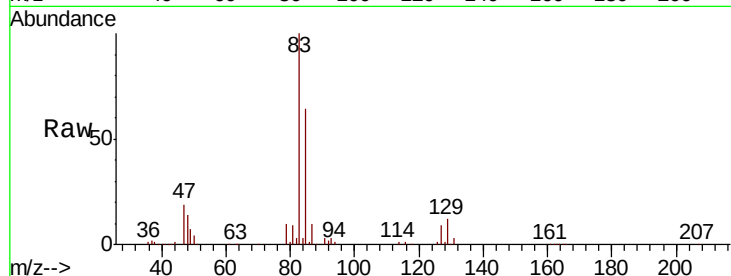




#47
Bromodichloromethane
Concen: 20.285 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

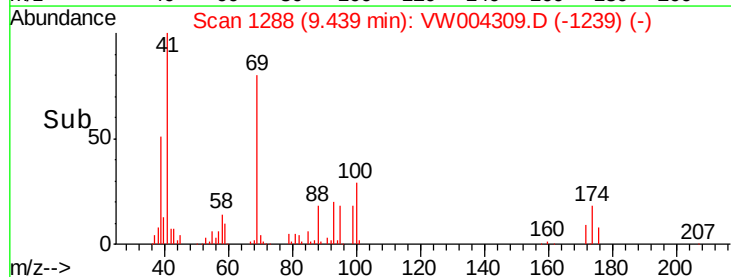
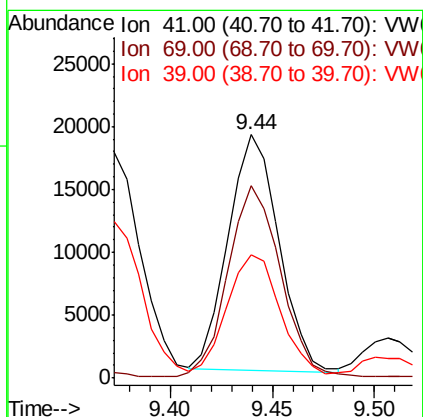
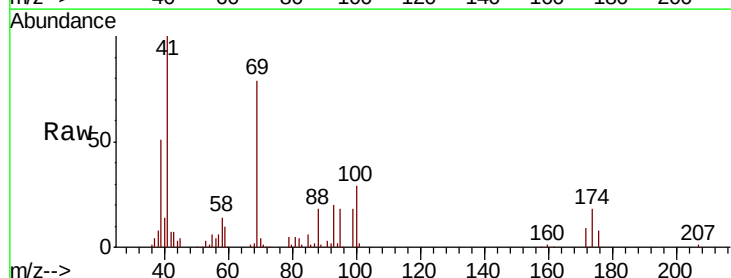
Instrument :
MSVOA_W
ClientSampled :

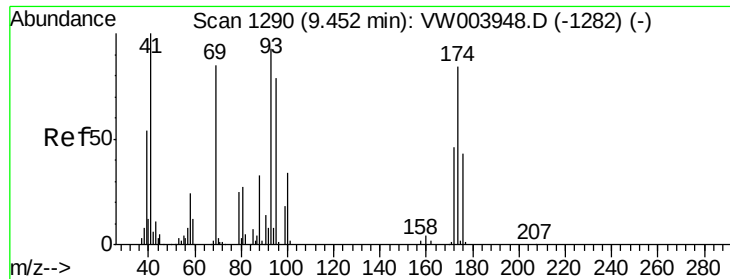
Tot Ion: 83 Resp: 75324
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9
127 9.2 6.6 9.8



#48
Methyl methacrylate
Concen: 20.886 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 41 Resp: 32264
Ion Ratio Lower Upper
41 100
69 86.6 69.7 104.5
39 56.1 41.8 62.8

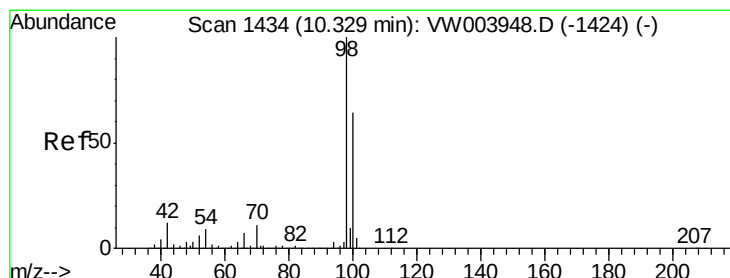
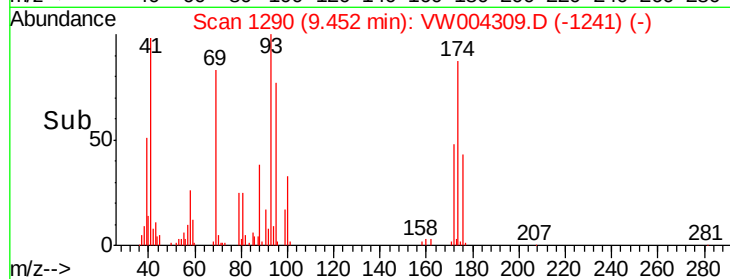
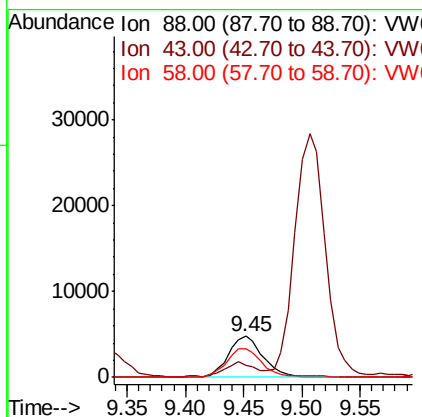
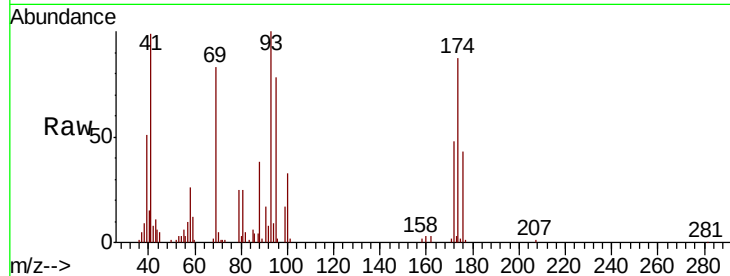




#49
 1,4-Dioxane
 Concen: 445.863 ug/l
 RT: 9.45 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

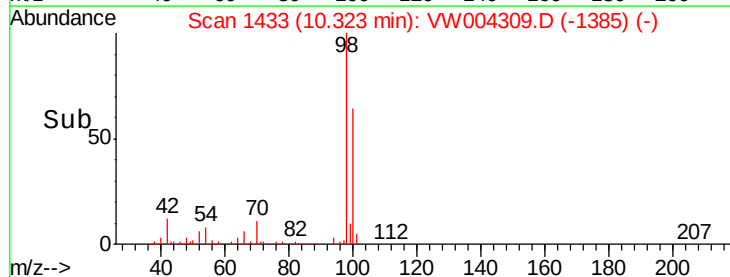
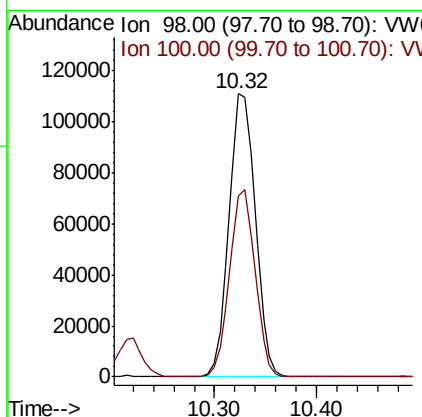
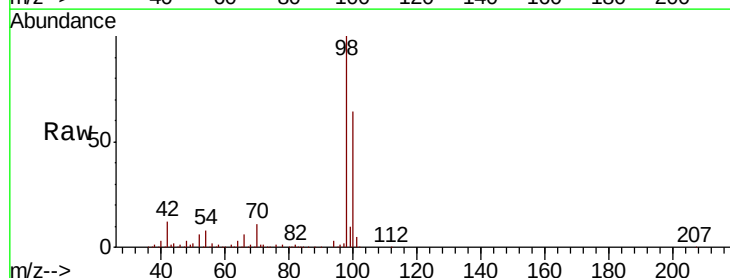
Instrument :
 MSVOA_W
 ClientSampleId :

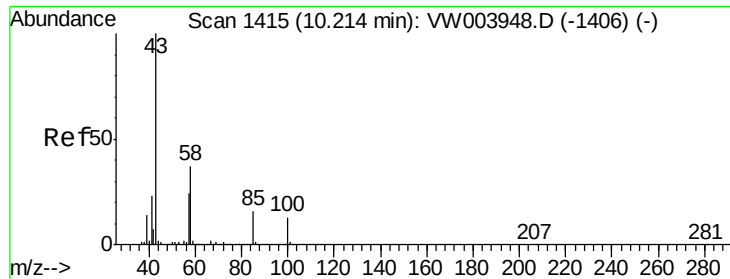
Tot Ion: 88 Resp: 9895
 Ion Ratio Lower Upper
 88 100
 43 31.1 28.3 42.5
 58 72.2 60.2 90.4



#50
 Toluene-d8
 Concen: 19.340 ug/l
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 98 Resp: 198303
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.5 77.3

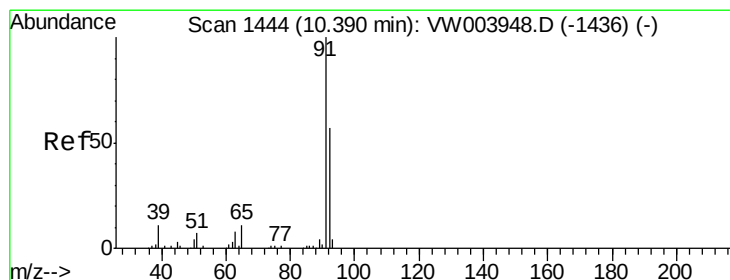
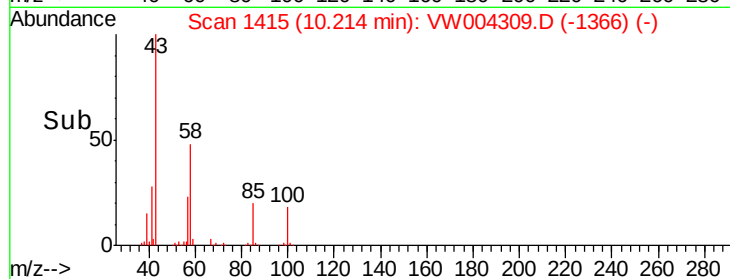
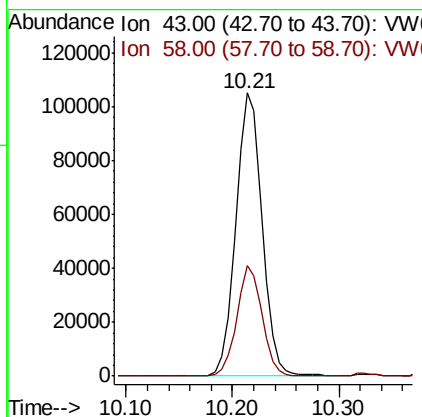
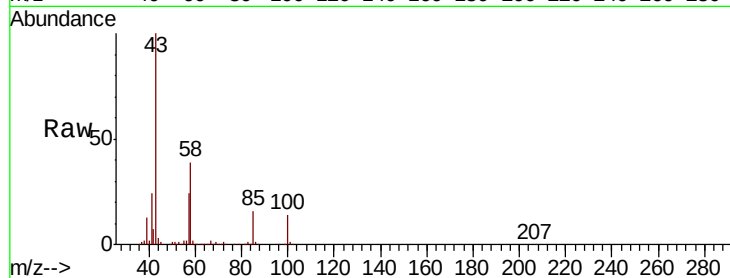




#51
 4-Methyl-2-Pentanone
 Concen: 109.237 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

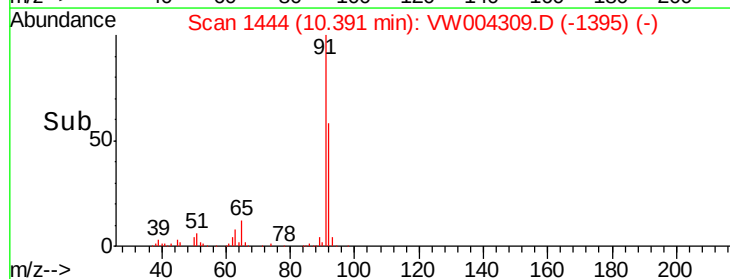
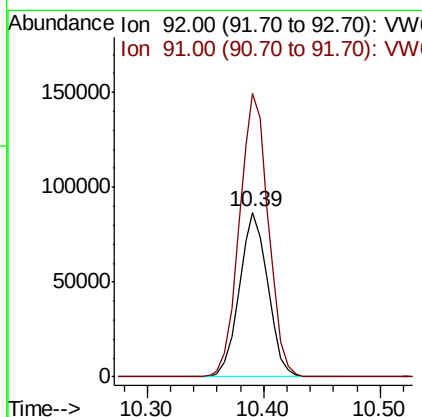
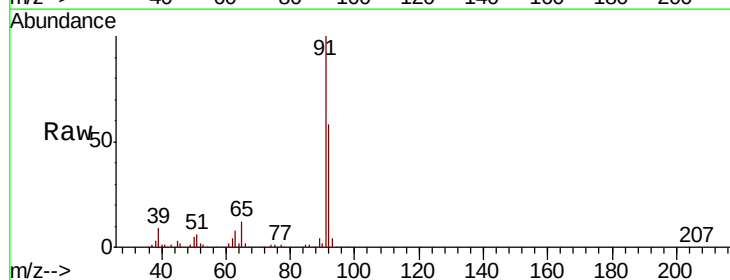
Instrument :
 MSVOA_W
 ClientSampled :

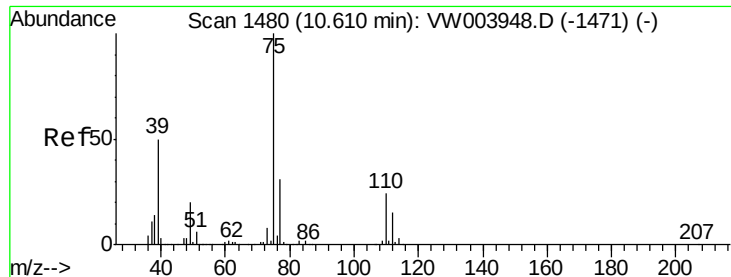
Tot Ion: 43 Resp: 181844
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.6 45.8



#52
 Toluene
 Concen: 20.353 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 92 Resp: 147638
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 19.261 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

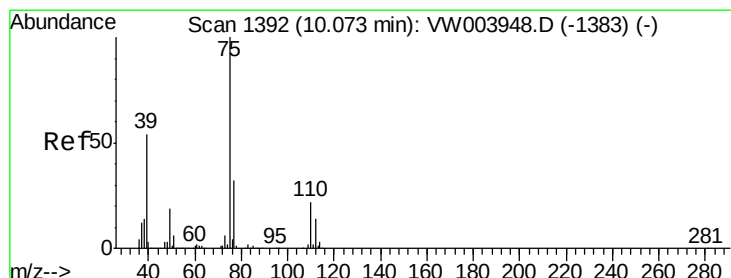
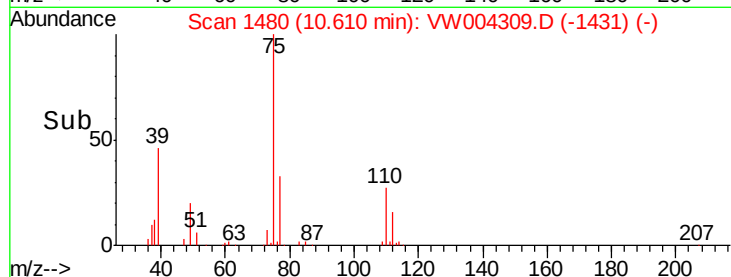
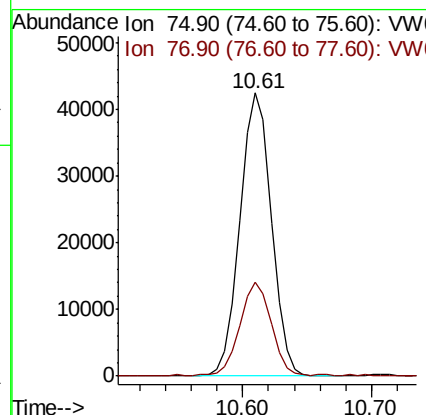
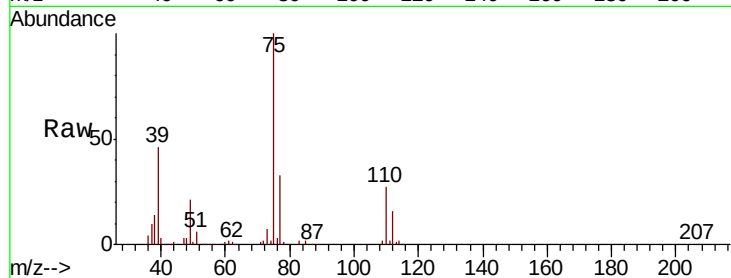
ClientSampleId :

Tot Ion: 75 Resp: 71632

Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.453 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

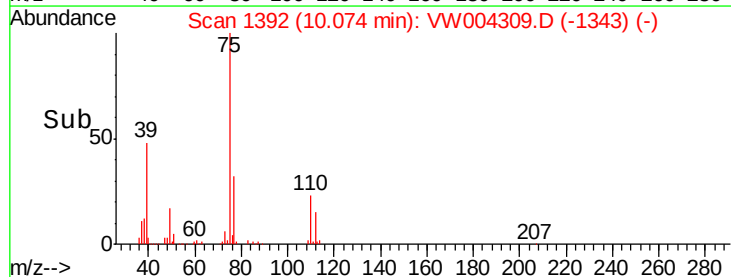
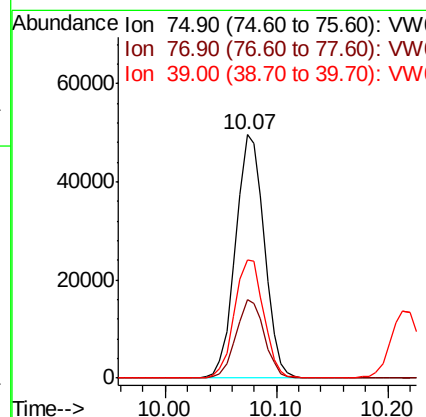
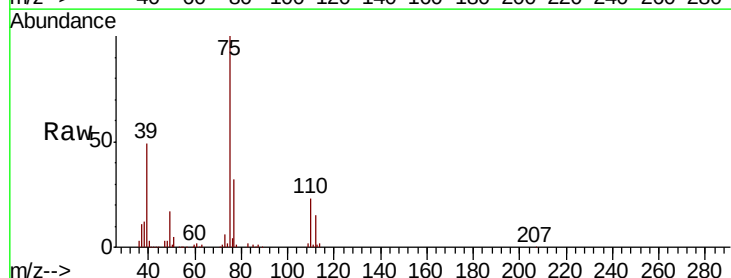
Tgt Ion: 75 Resp: 88677

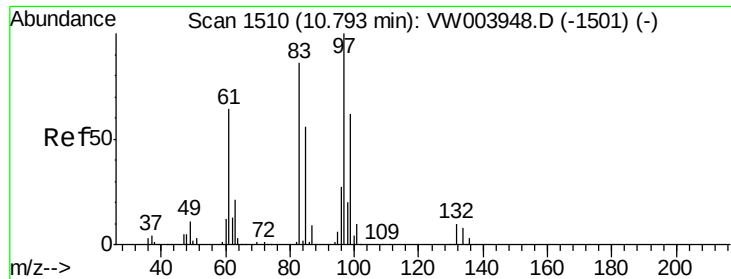
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 48.6 39.0 58.6

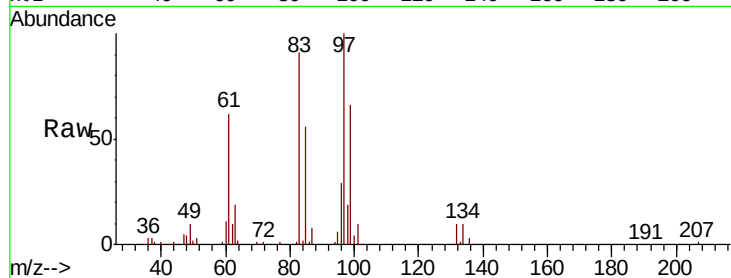




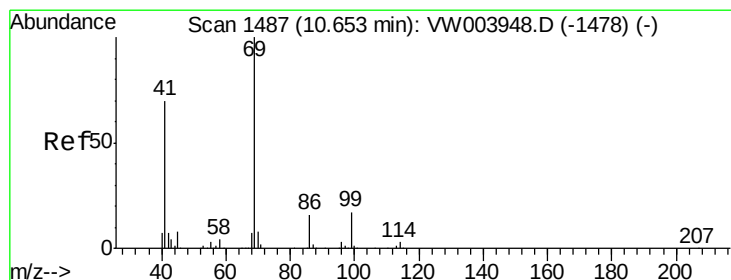
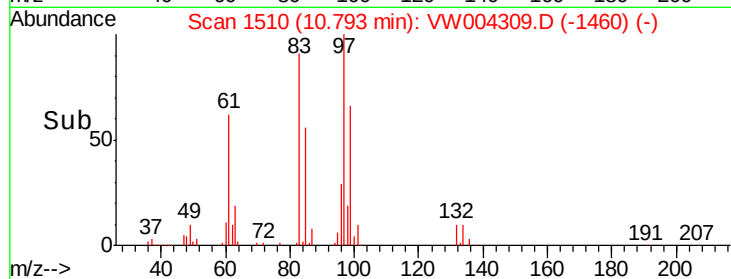
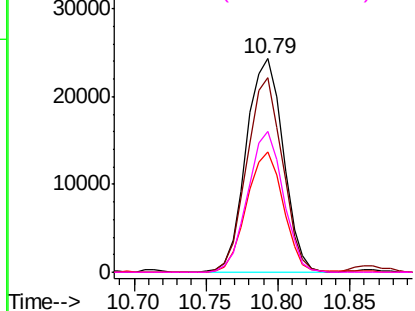
#55
 1,1,2-Trichloroethane
 Concen: 20.795 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	43375
Ion	Ratio	Lower	Upper
97	100		
83	91.3	70.8	106.2
85	56.1	43.7	65.5
99	65.7	45.1	67.7

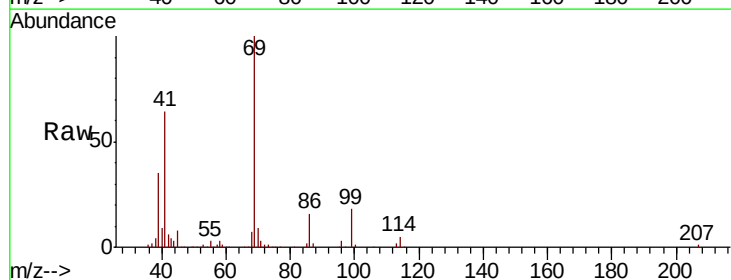


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

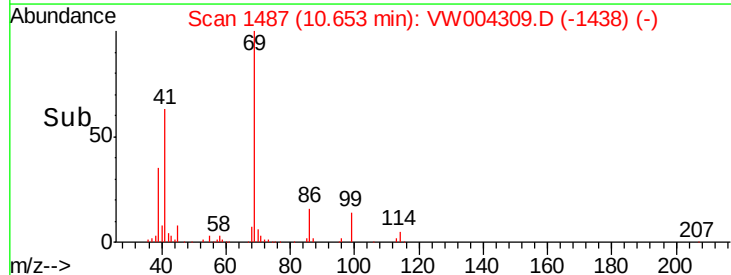
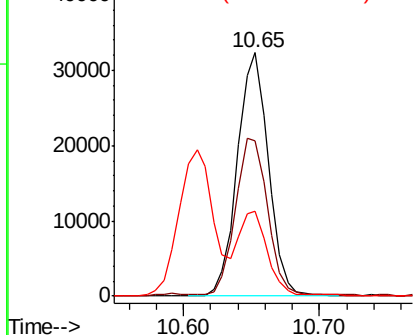


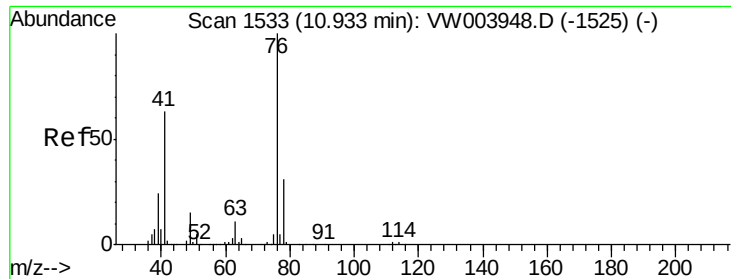
#56
 Ethyl methacrylate
 Concen: 20.485 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion:	69	Resp:	51707
Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.7	82.1
39	30.8	24.4	36.6



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

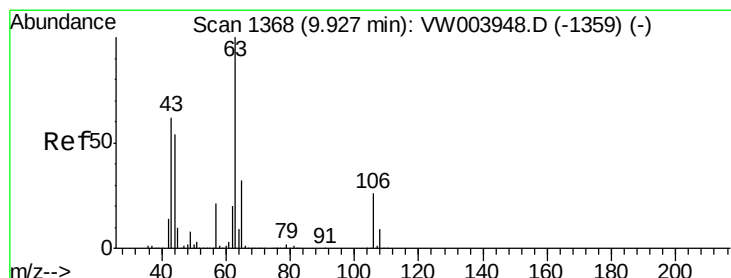
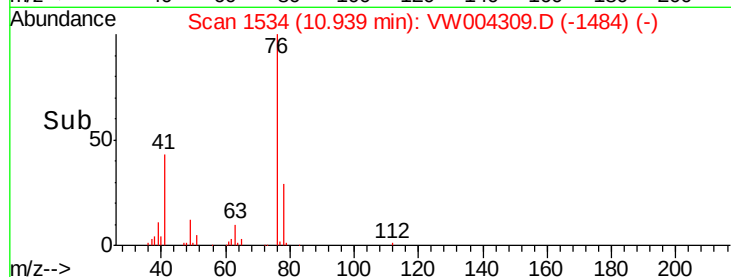
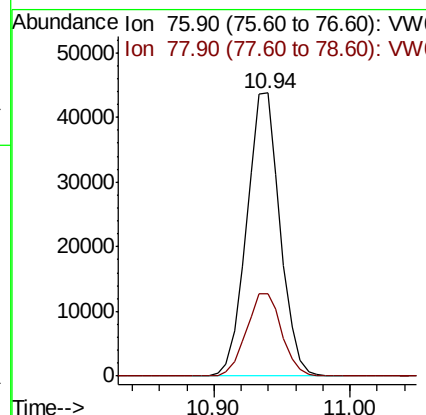
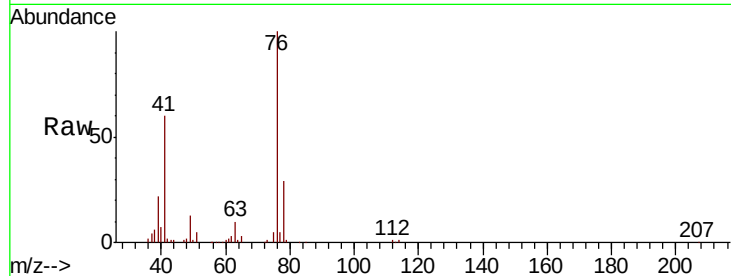




#57
 1,3-Dichloropropane
 Concen: 20.999 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

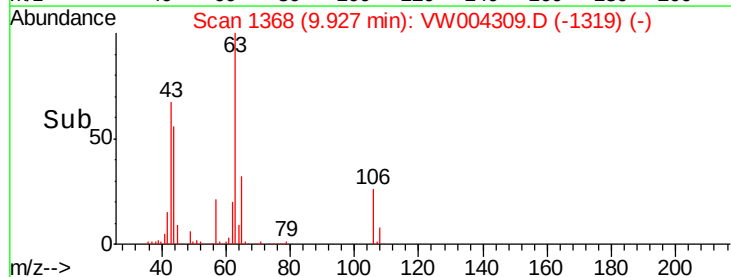
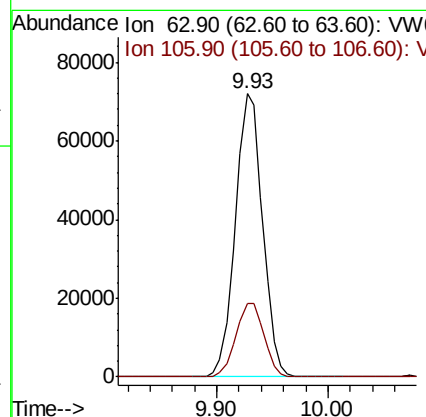
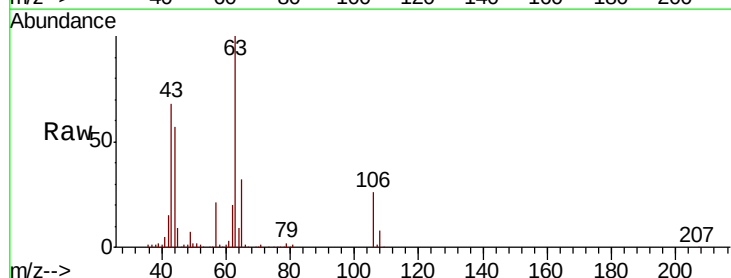
Instrument :
 MSVOA_W
 ClientSampled :

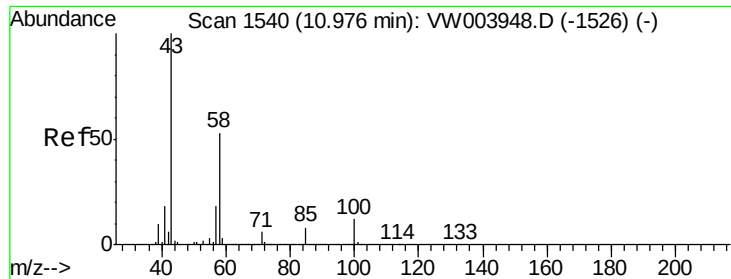
Tot Ion: 76 Resp: 74623
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.358 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 63 Resp: 121498
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.9 32.9

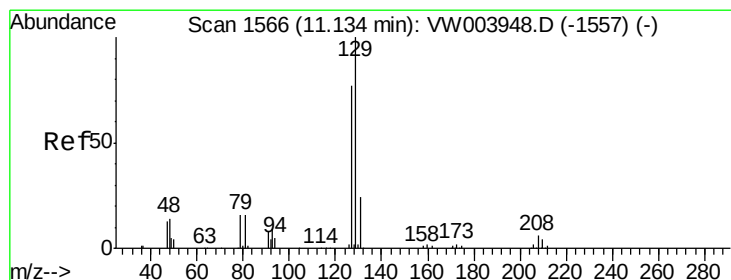
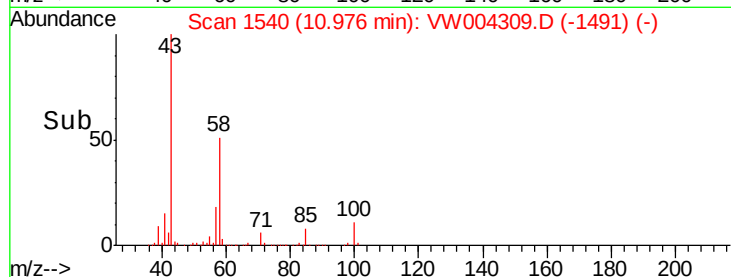
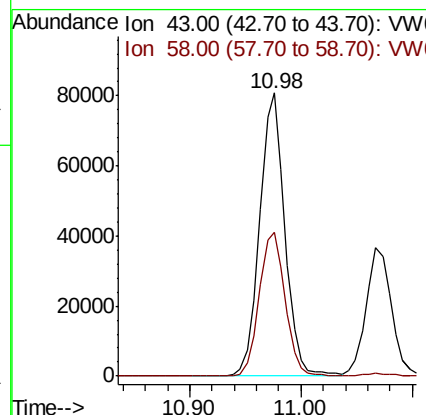
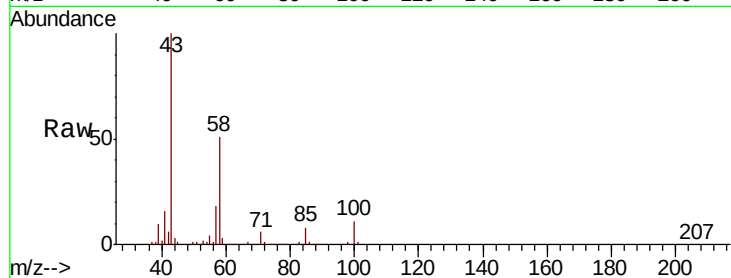




#59
2-Hexanone
Concen: 111.642 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

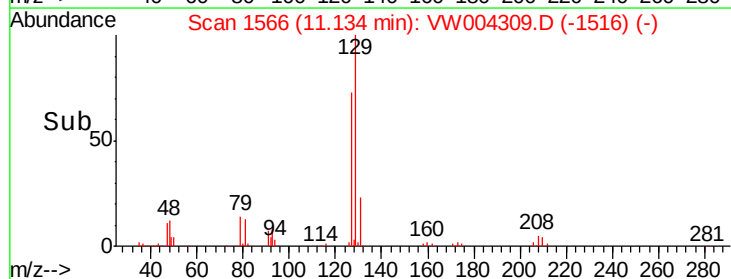
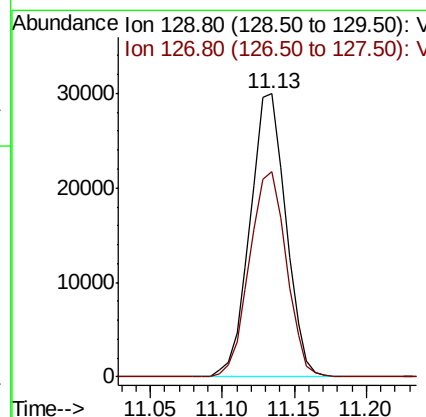
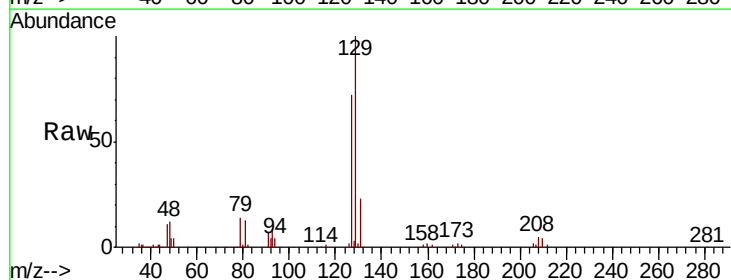
Instrument :
MSVOA_W
ClientSampleId :

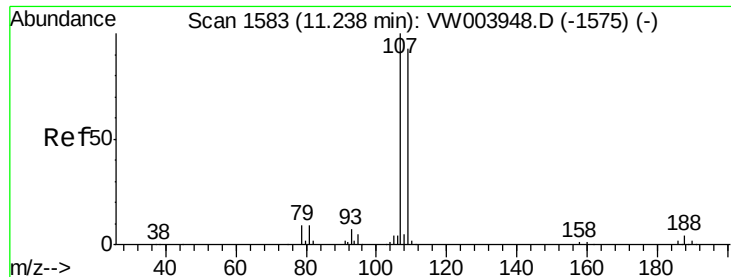
Tot Ion: 43 Resp: 127611
Ion Ratio Lower Upper
43 100
58 52.2 26.5 79.4



#60
Dibromochloromethane
Concen: 20.648 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 129 Resp: 51534
Ion Ratio Lower Upper
129 100
127 74.7 38.9 116.7

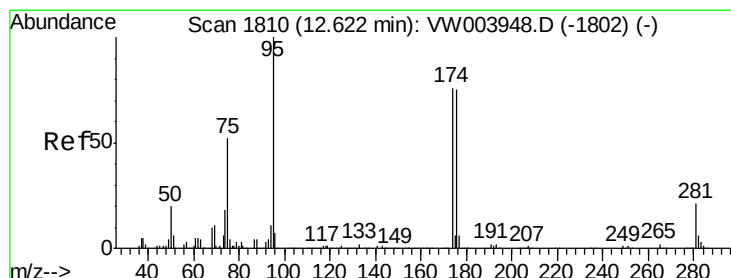
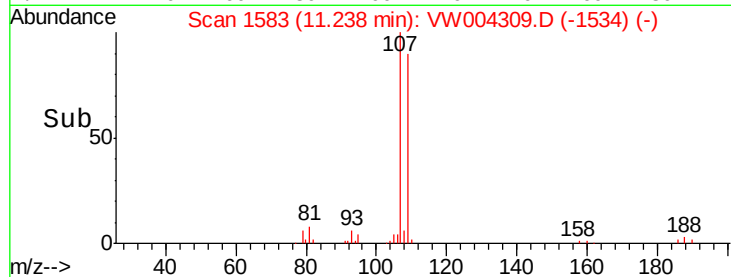
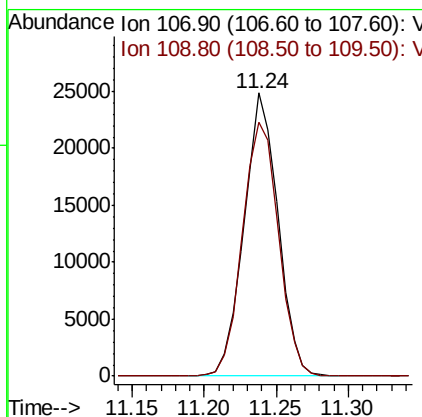
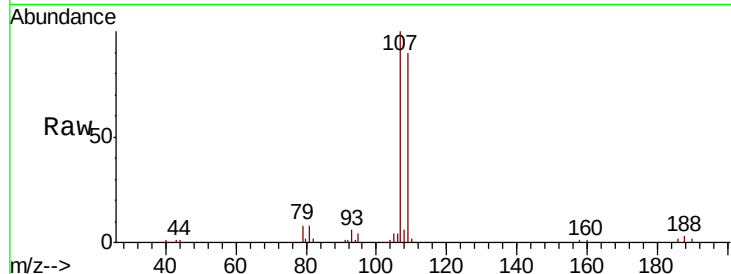




#61
 1,2-Dibromoethane
 Concen: 20.345 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

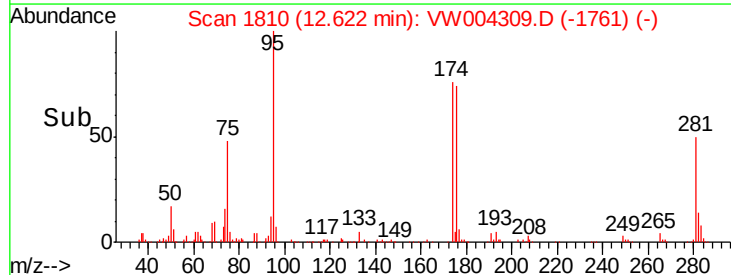
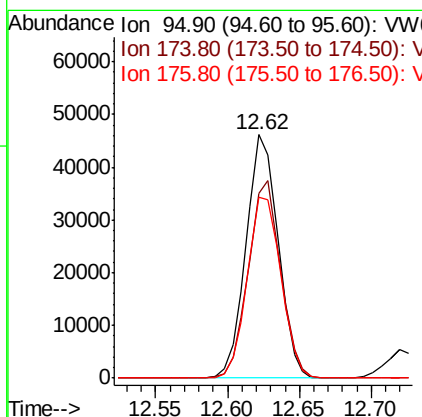
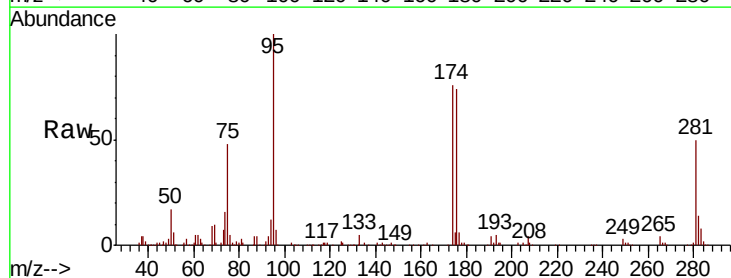
Instrument :
 MSVOA_W
 ClientSampled :

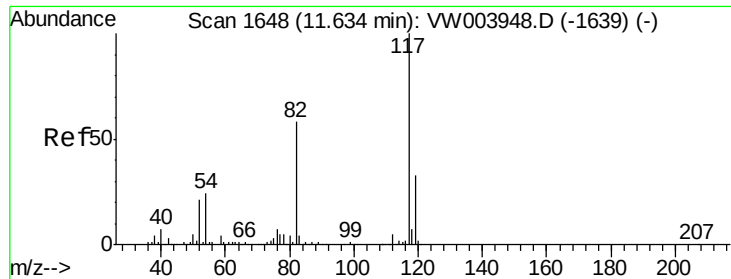
Tot Ion: 107 Resp: 40467
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 19.670 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 95 Resp: 71014
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 167.8
 176 78.6 0.0 162.4

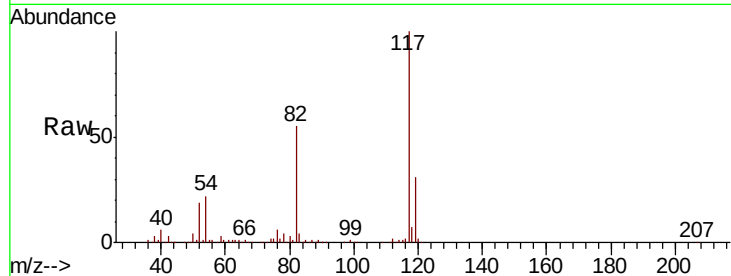




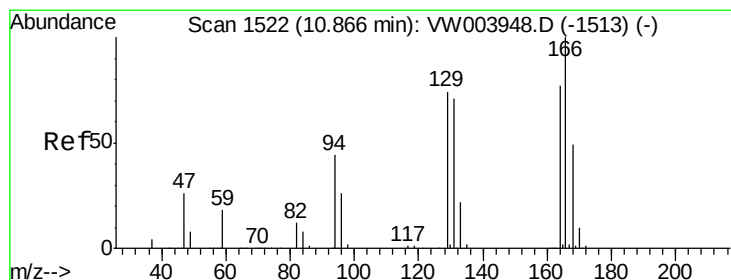
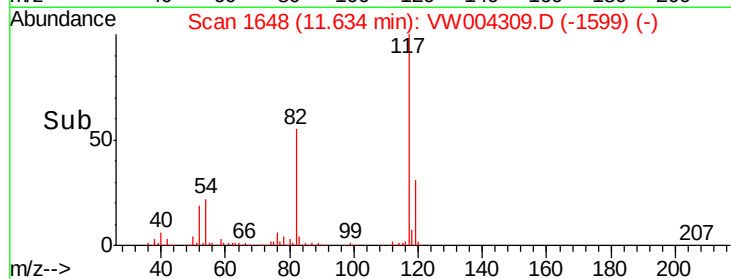
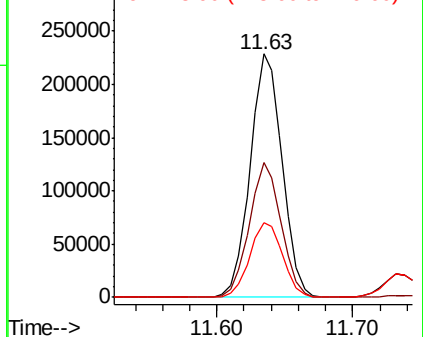
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 377051
Ion Ratio Lower Upper
117 100
82 55.3 47.9 71.9
119 30.6 27.1 40.7

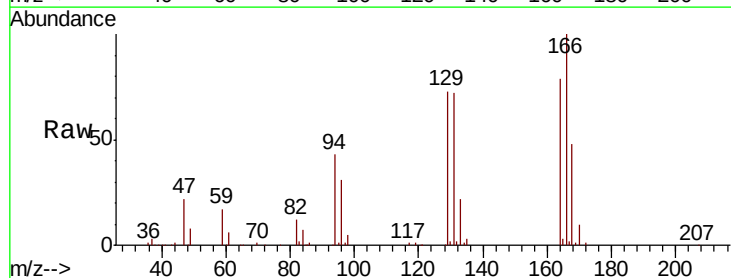


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

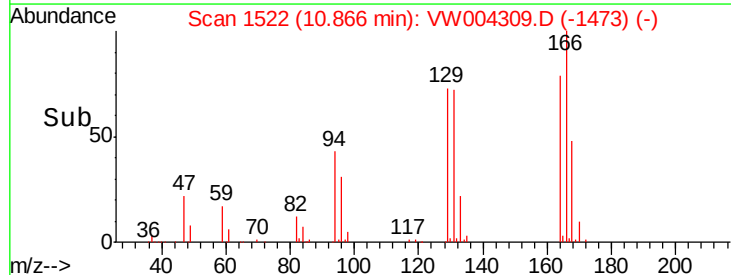
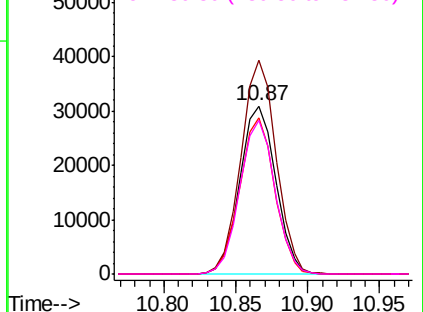


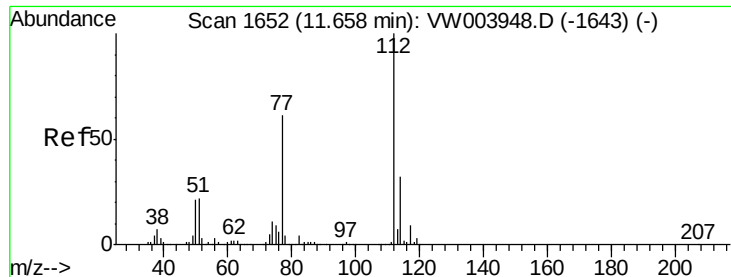
#64
Tetrachloroethene
Concen: 19.380 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion:164 Resp: 53535
Ion Ratio Lower Upper
164 100
166 127.1 103.2 154.8
129 93.3 72.1 108.1
131 91.3 70.4 105.6



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: 19.731 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

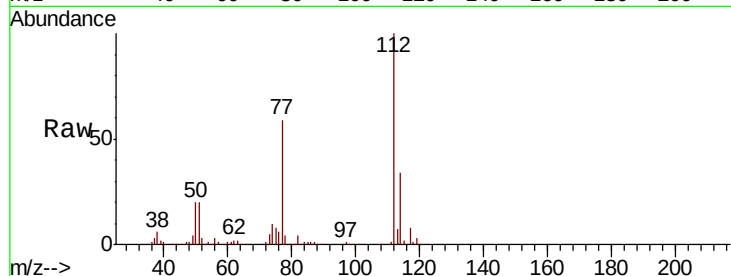
ClientSampled :

Tot Ion:112 Resp: 156250

Ion Ratio Lower Upper

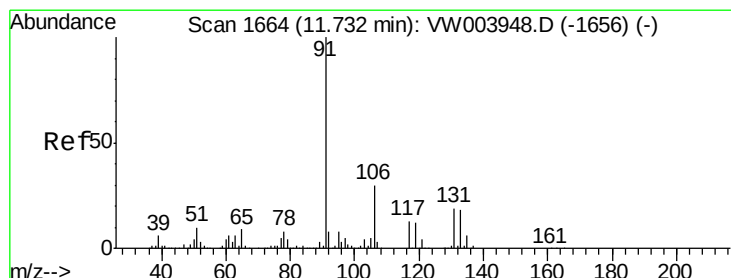
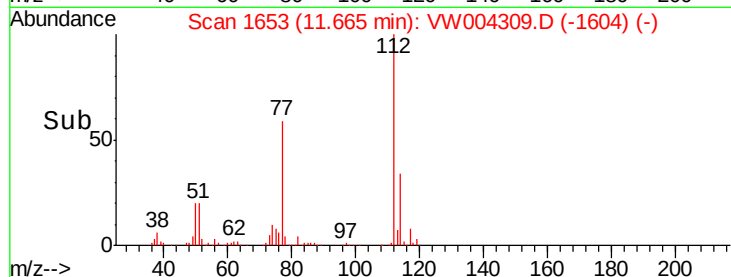
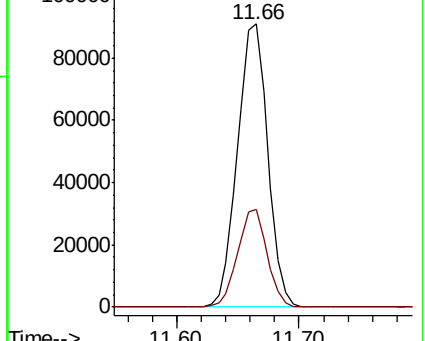
112 100

114 34.3 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.981 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

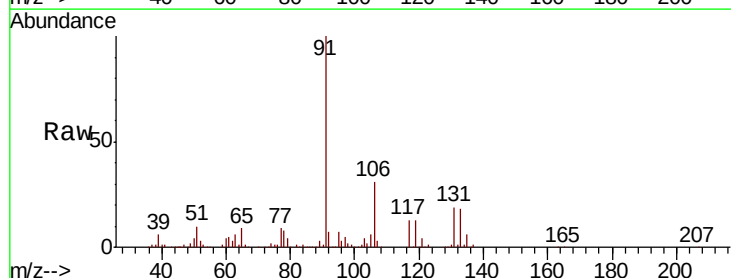
Tgt Ion:131 Resp: 55807

Ion Ratio Lower Upper

131 100

133 95.0 48.6 145.9

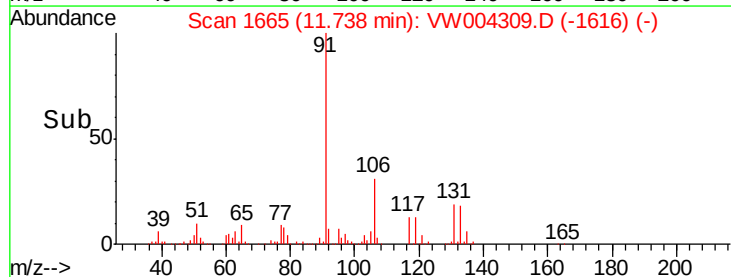
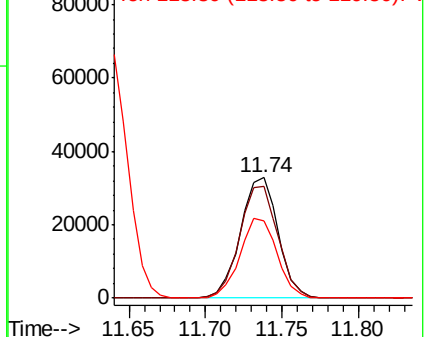
119 65.7 33.1 99.5

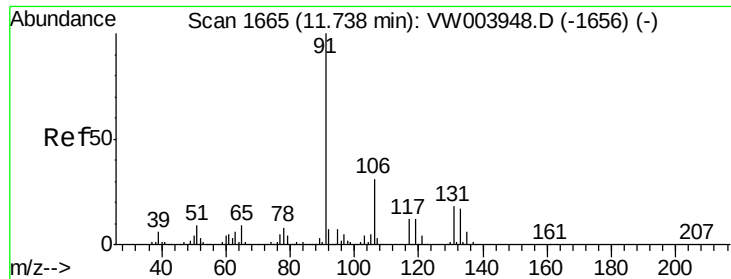


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

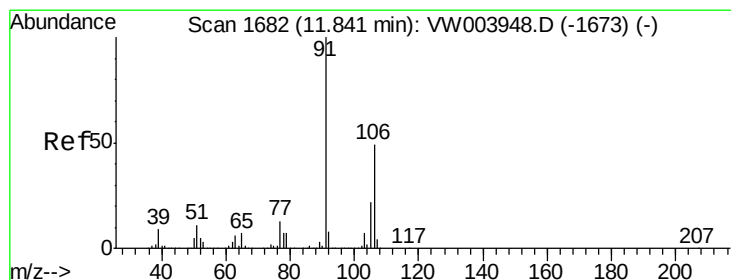
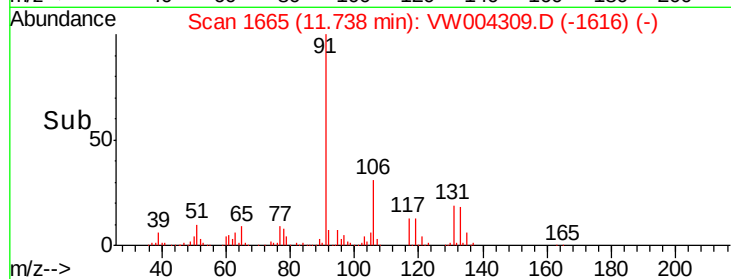
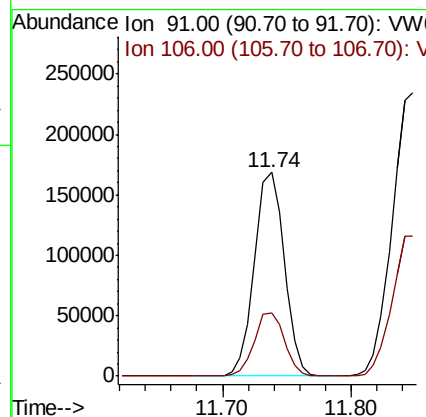
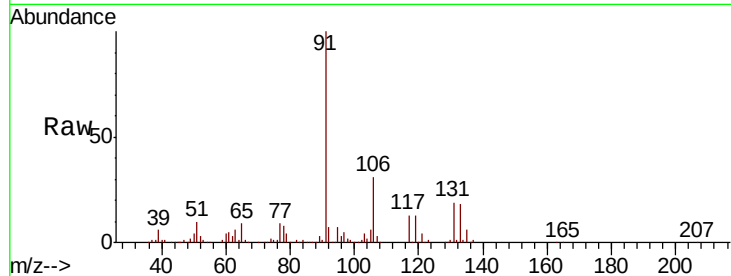




#67
Ethyl Benzene
Concen: 19.650 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

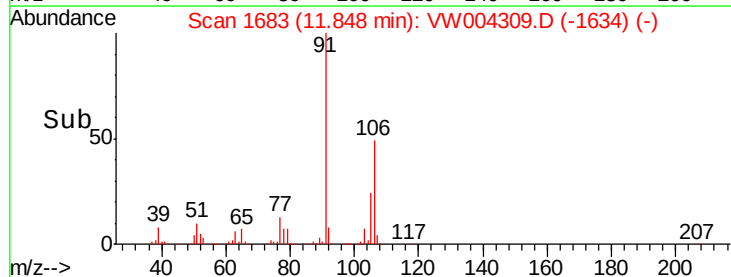
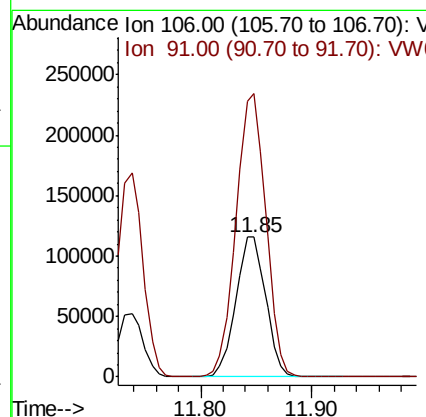
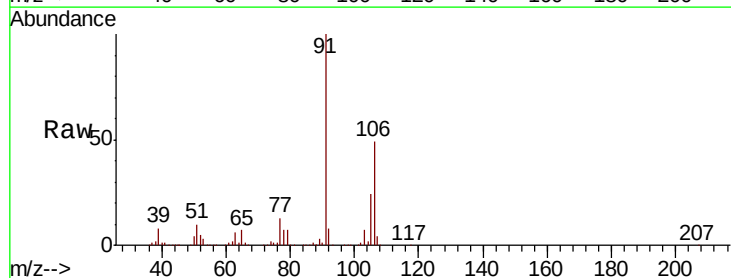
Instrument :
MSVOA_W
ClientSampled :

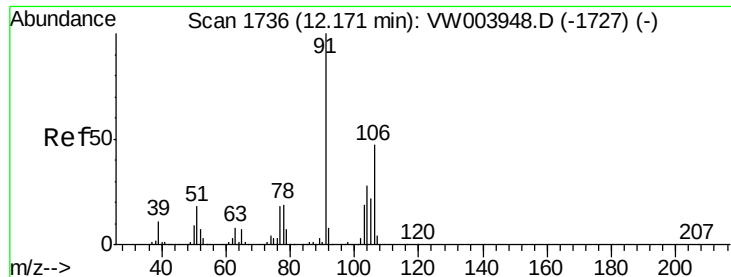
Tot Ion: 91 Resp: 271238
Ion Ratio Lower Upper
91 100
106 31.1 26.1 39.1



#68
m/p-Xylenes
Concen: 40.443 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion: 106 Resp: 214826
Ion Ratio Lower Upper
106 100
91 202.1 162.2 243.2

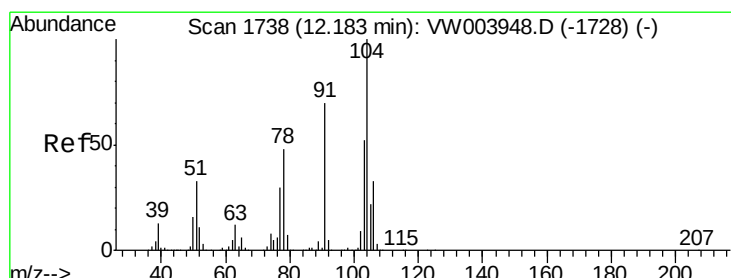
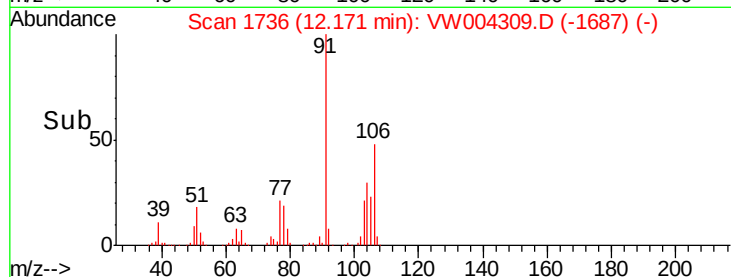
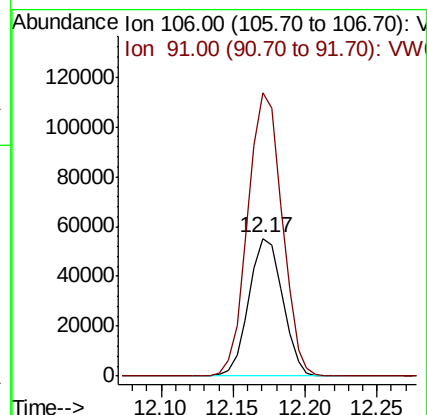
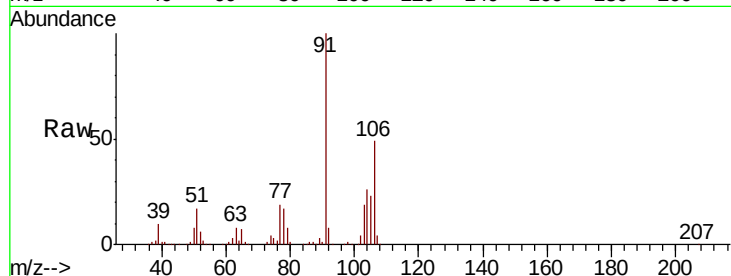




#69
o-Xylene
Concen: 18.254 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

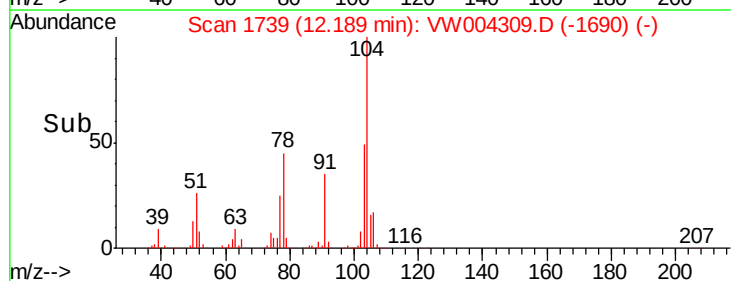
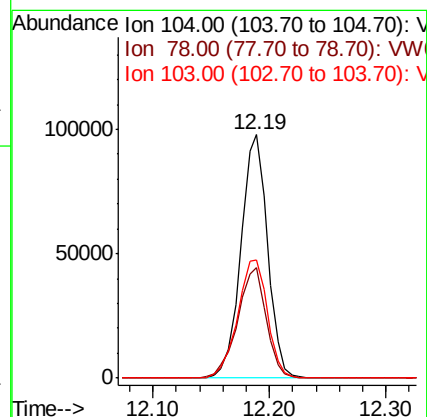
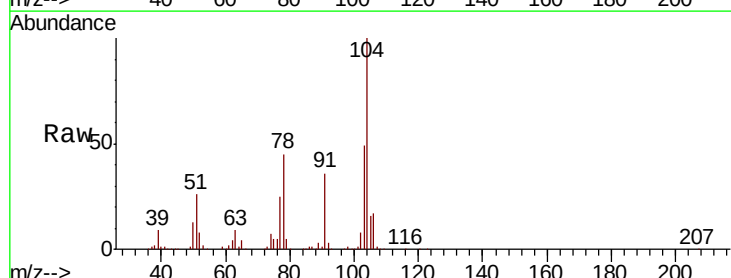
Instrument :
MSVOA_W
ClientSampleId :

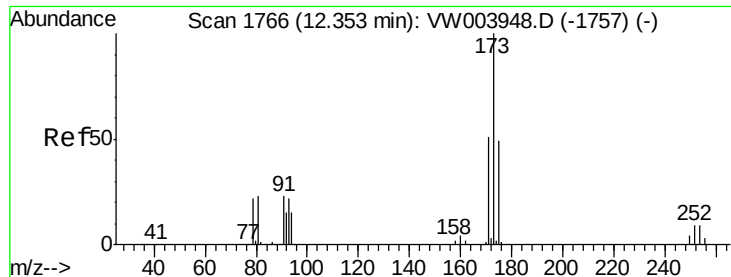
Tot Ion:106 Resp: 89587
Ion Ratio Lower Upper
106 100
91 209.5 108.7 326.1



#70
Styrene
Concen: 18.834 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion:104 Resp: 156168
Ion Ratio Lower Upper
104 100
78 48.8 40.9 61.3
103 54.6 45.0 67.6





#71

Bromoform

Concen: 19.446 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

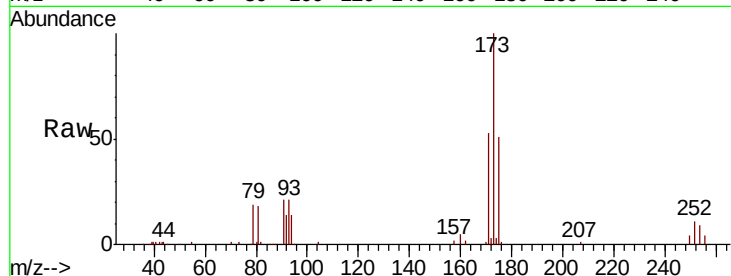
Tot Ion:173 Resp: 30438

Ion Ratio Lower Upper

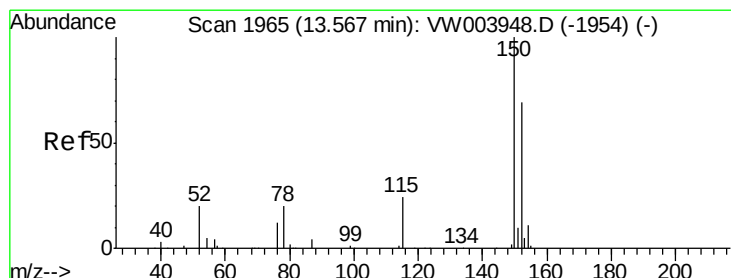
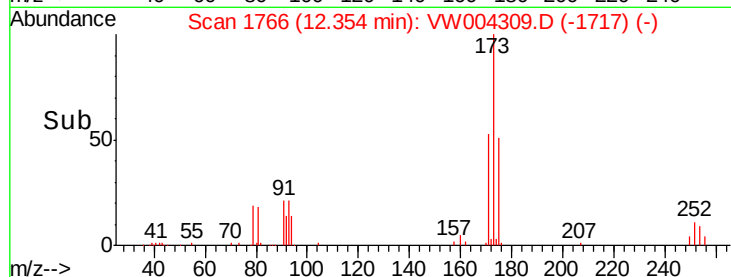
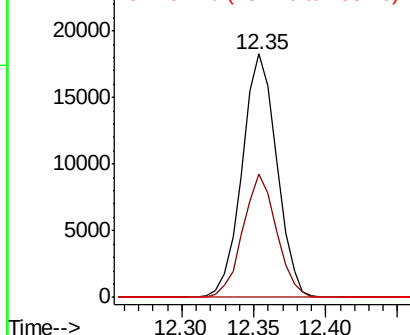
173 100

175 49.0 24.5 73.5

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

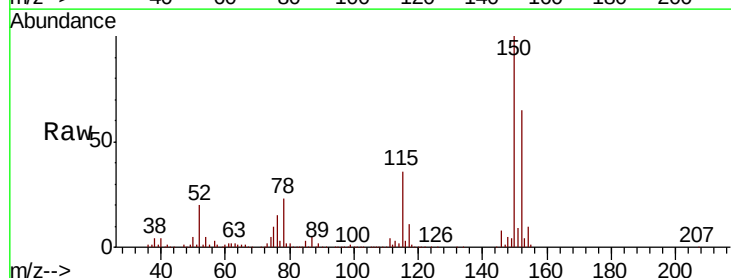
Tgt Ion:152 Resp: 202310

Ion Ratio Lower Upper

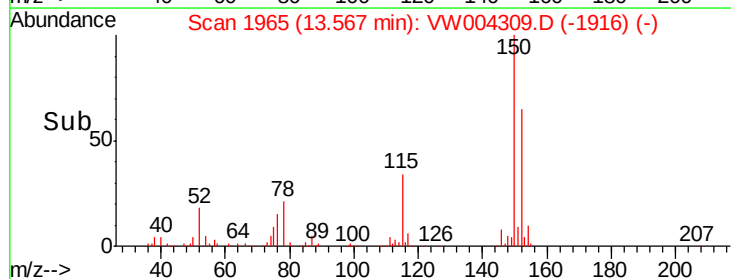
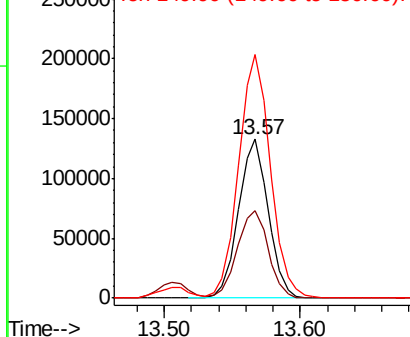
152 100

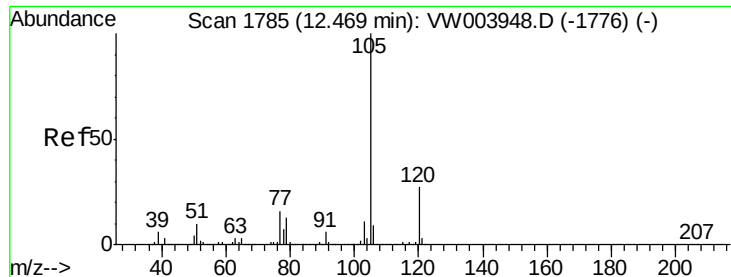
115 57.7 28.8 86.4

150 163.0 0.0 346.4



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: 19.624 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

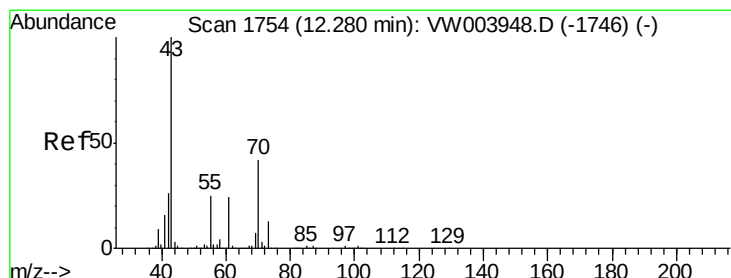
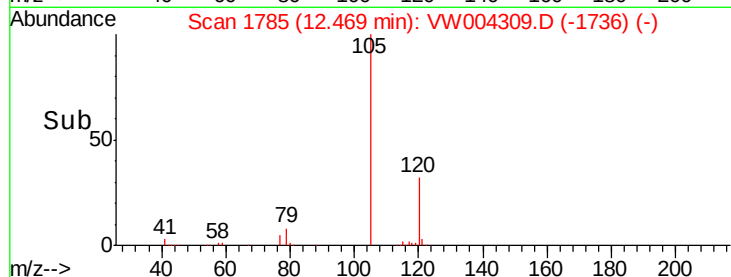
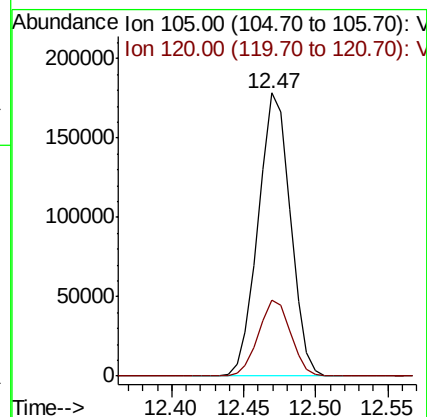
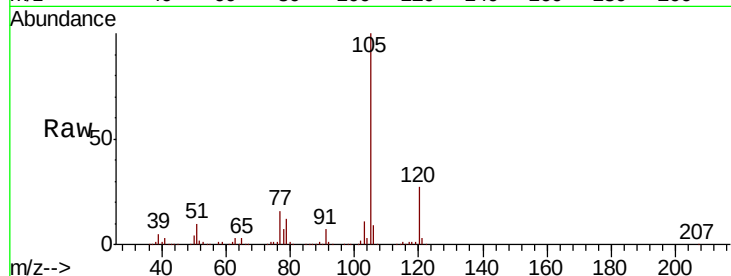
ClientSampleId :

Tot Ion:105 Resp: 275289

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#74

N-ethyl acetate

Concen: 21.165 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Tgt Ion: 43 Resp: 64336

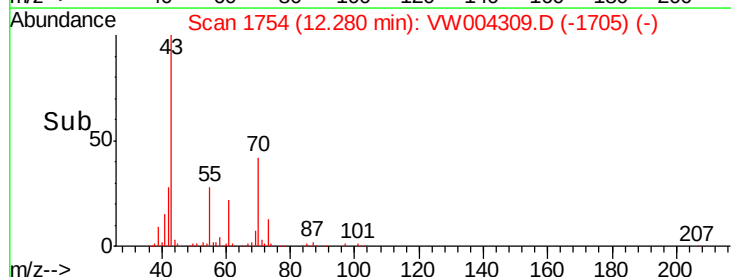
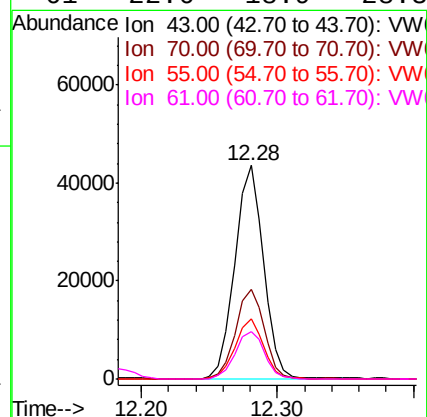
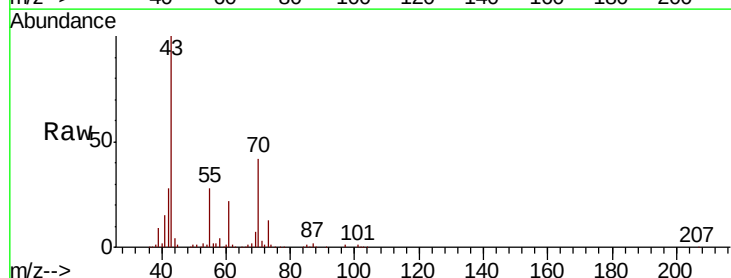
Ion Ratio Lower Upper

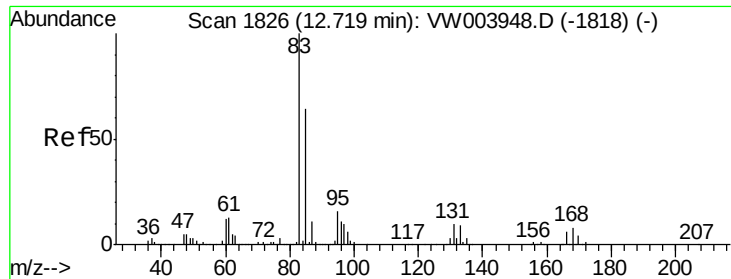
43 100

70 41.7 34.2 51.4

55 27.7 21.8 32.8

61 22.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.781 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

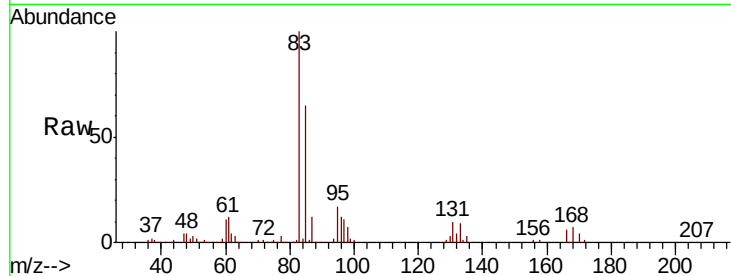
Tot Ion: 83 Resp: 51067

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

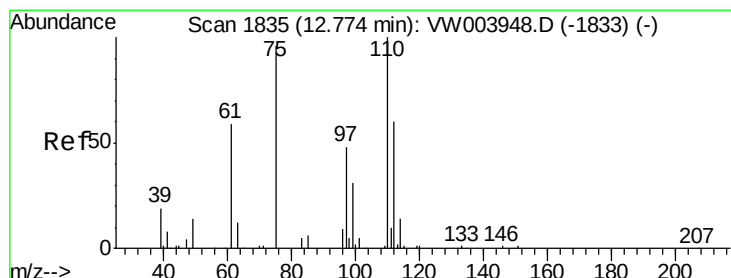
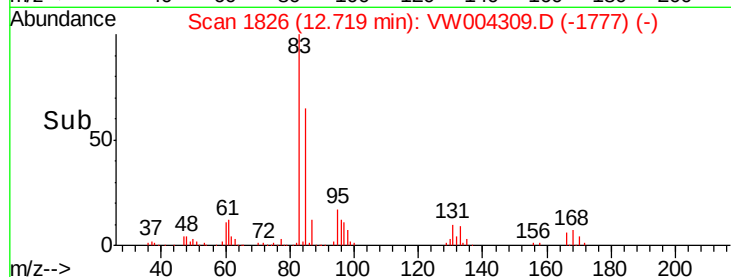
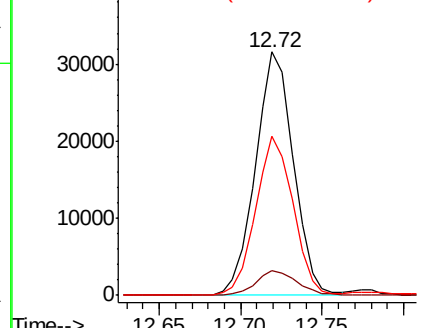
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 21.920 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004309.D

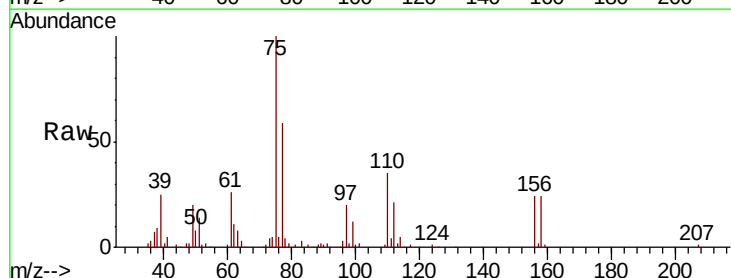
Acq: 29 Jul 2018 12:38

Tgt Ion: 75 Resp: 67585

Ion Ratio Lower Upper

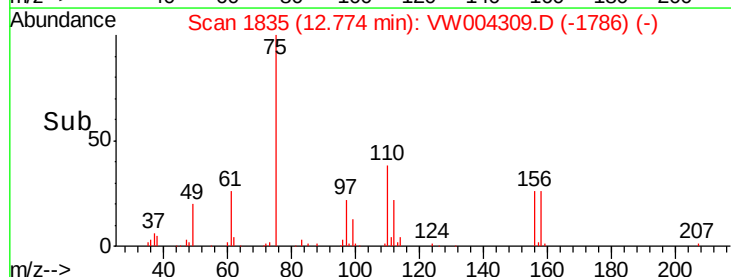
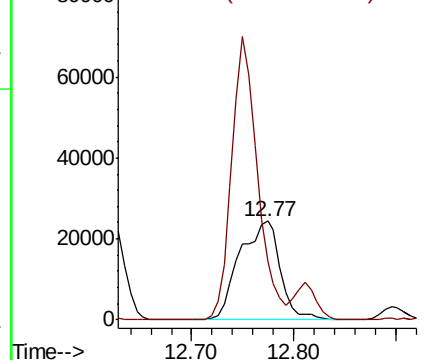
75 100

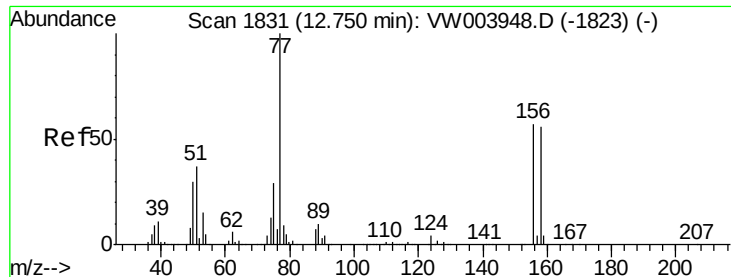
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.492 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampleId :

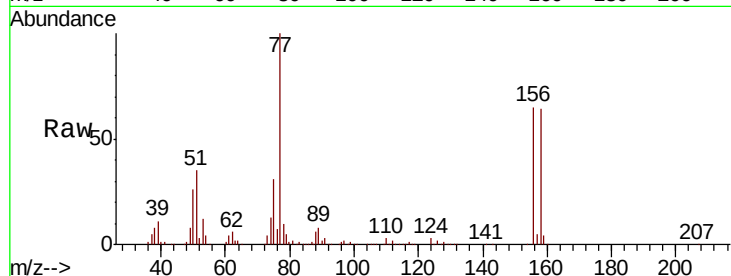
Tot Ion:156 Resp: 66068

Ion Ratio Lower Upper

156 100

77 187.2 92.9 278.7

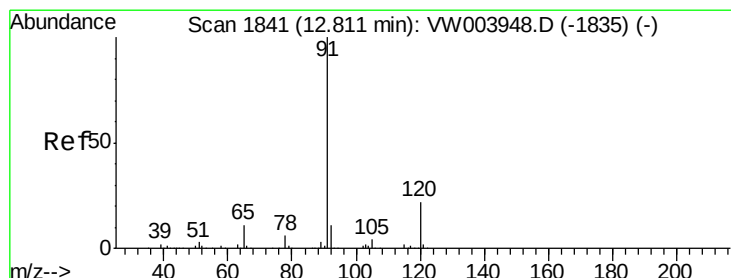
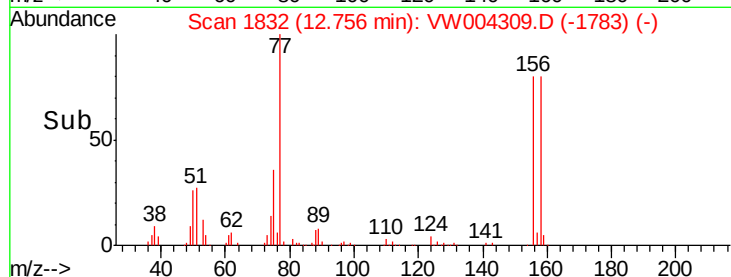
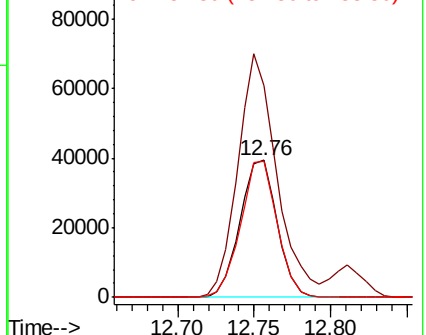
158 97.9 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.716 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004309.D

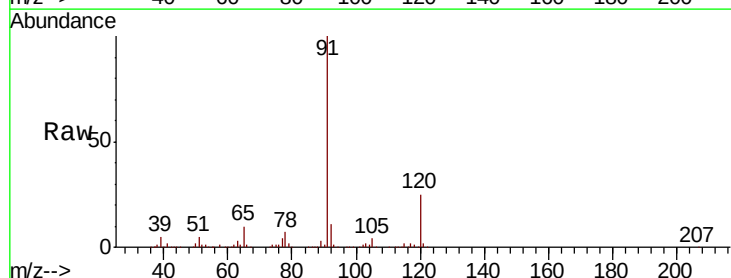
Acq: 29 Jul 2018 12:38

Tgt Ion: 91 Resp: 336932

Ion Ratio Lower Upper

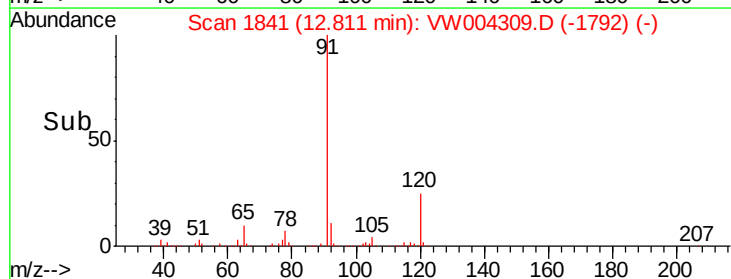
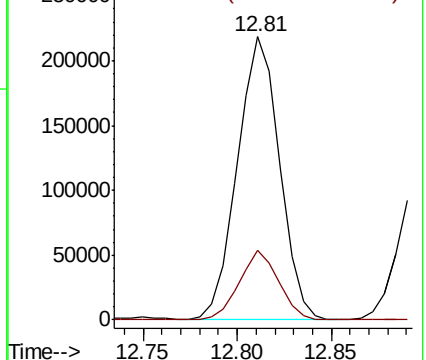
91 100

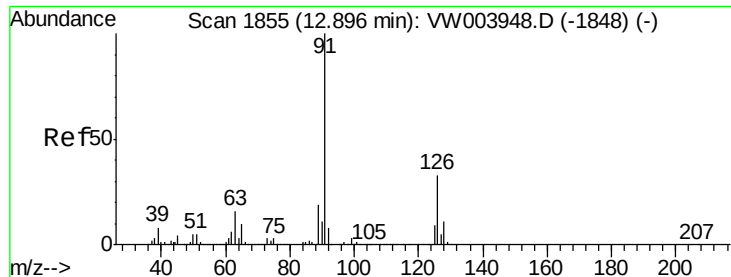
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.479 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

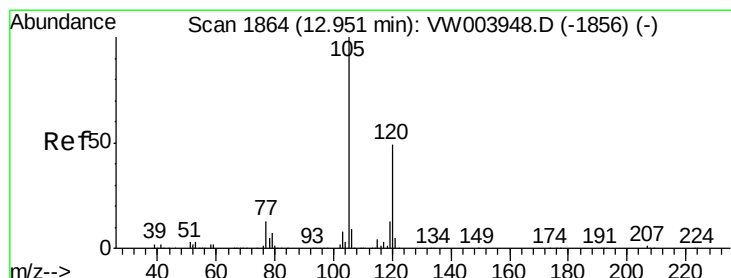
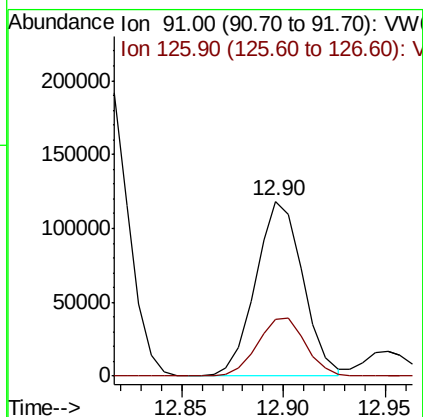
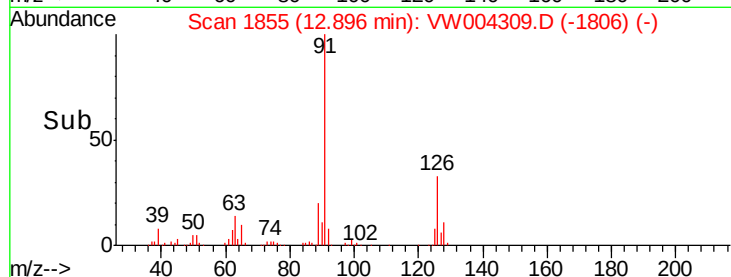
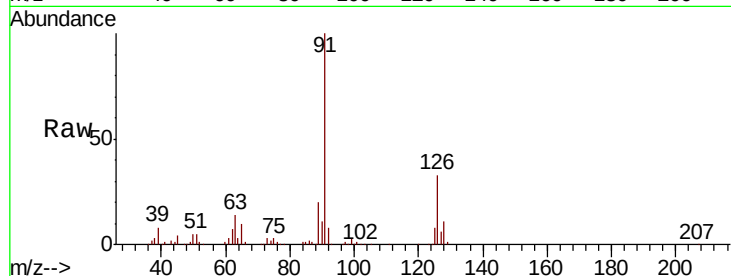
ClientSampleId :

Tot Ion: 91 Resp: 190400

Ion Ratio Lower Upper

91 100

126 34.2 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.814 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004309.D

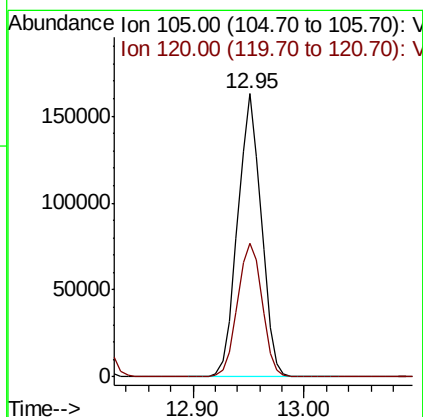
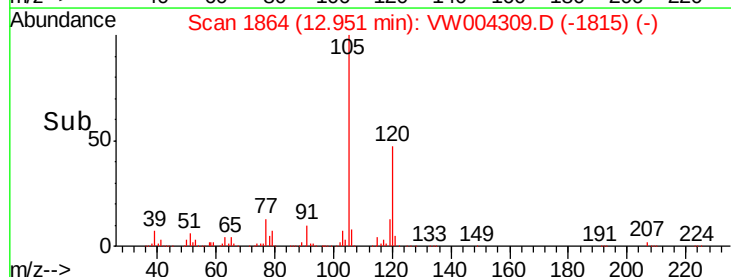
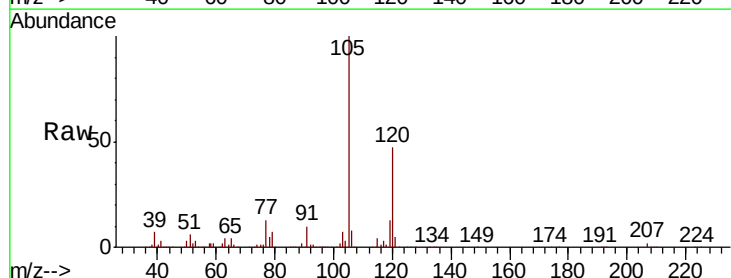
Acq: 29 Jul 2018 12:38

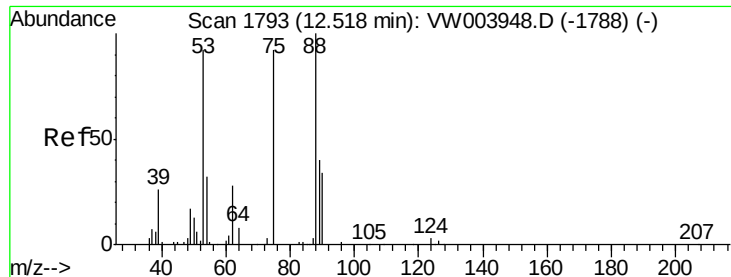
Tgt Ion:105 Resp: 239444

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.675 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

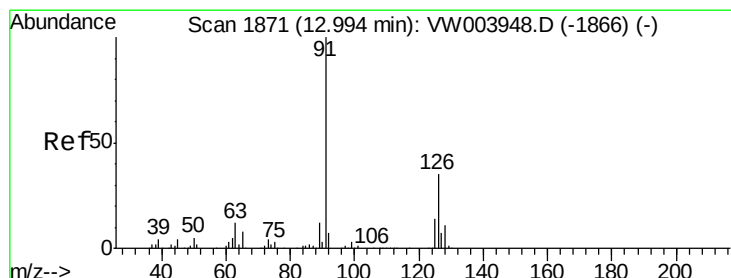
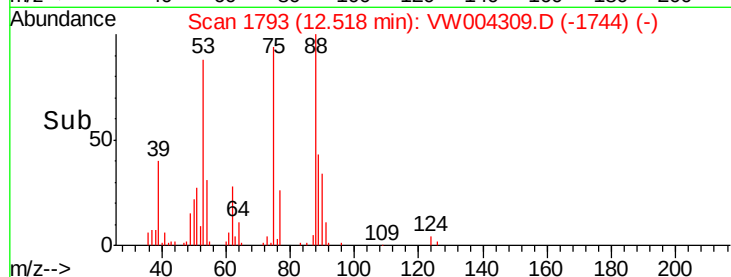
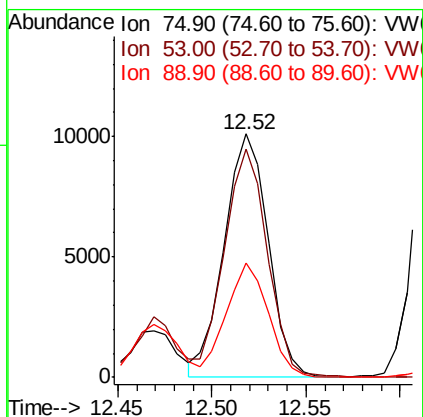
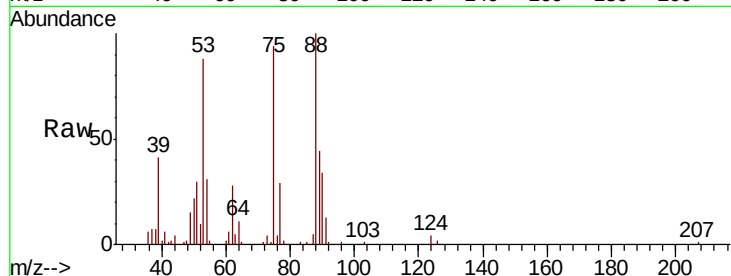
Tot Ion: 75 Resp: 16406

Ion Ratio Lower Upper

75 100

53 92.3 77.6 116.4

89 44.8 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.264 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004309.D

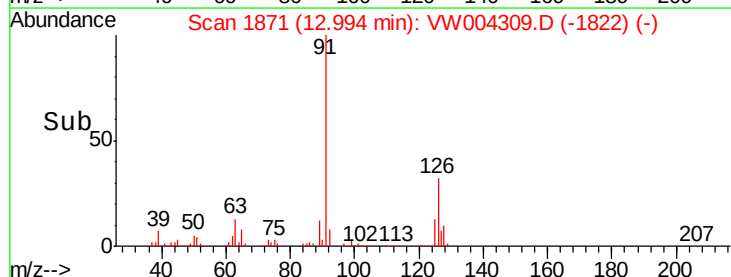
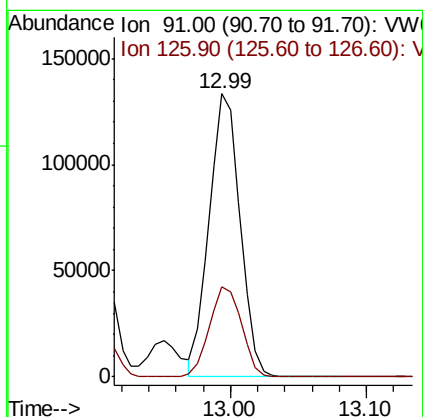
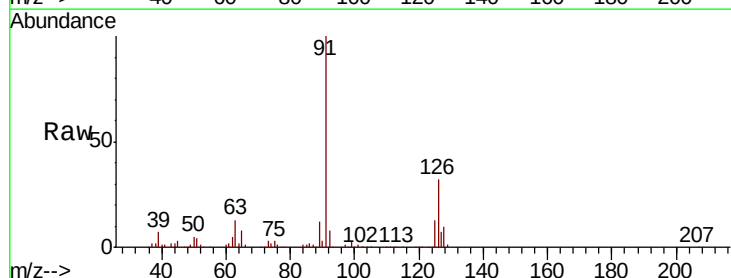
Acq: 29 Jul 2018 12:38

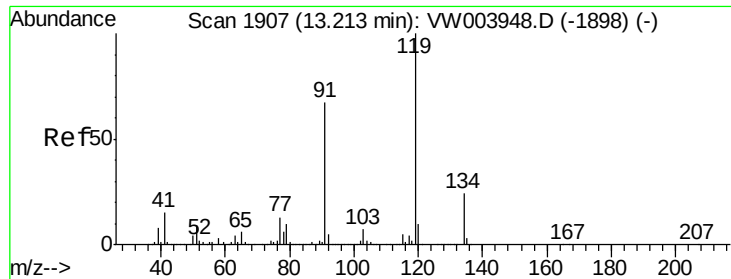
Tgt Ion: 91 Resp: 209590

Ion Ratio Lower Upper

91 100

126 33.1 17.4 52.3

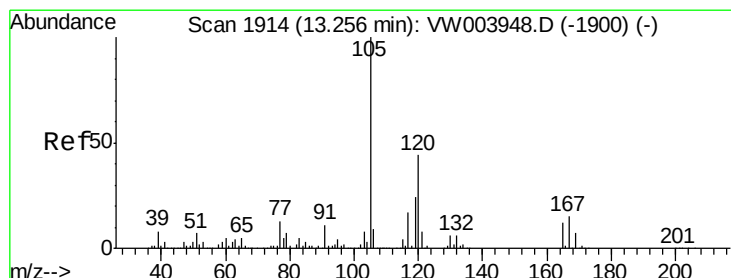
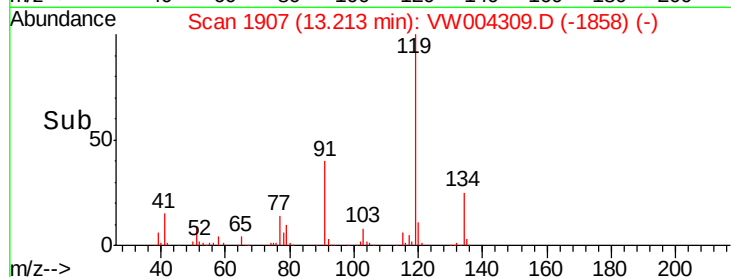
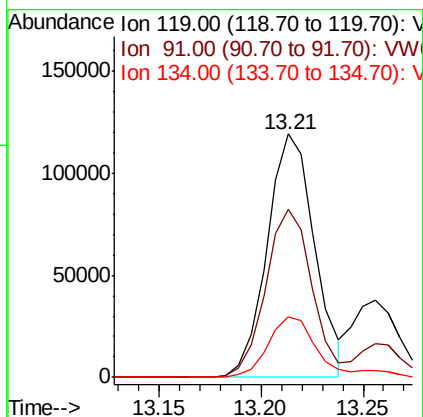
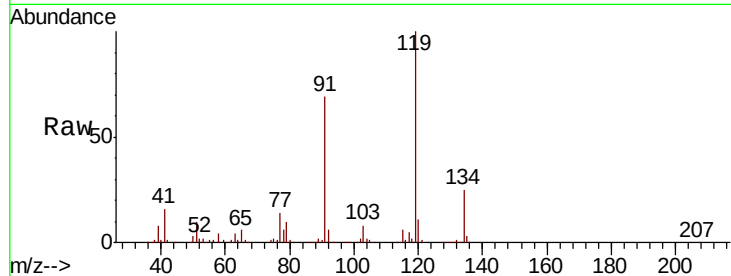




#83
tert-Butylbenzene
Concen: 19.236 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

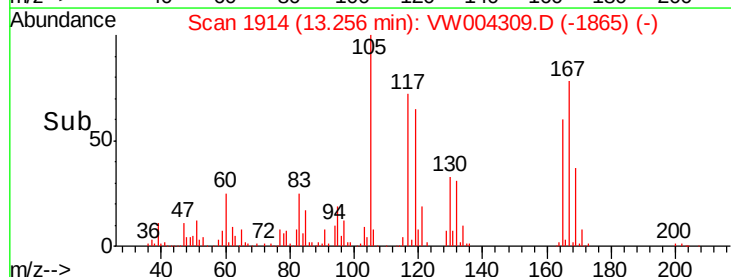
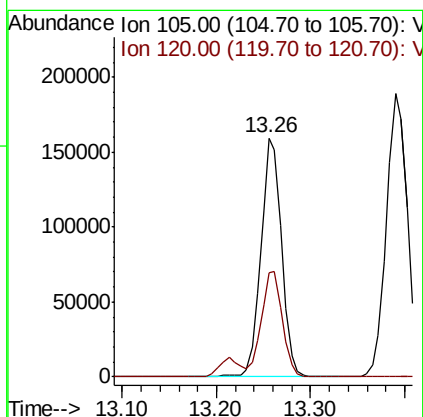
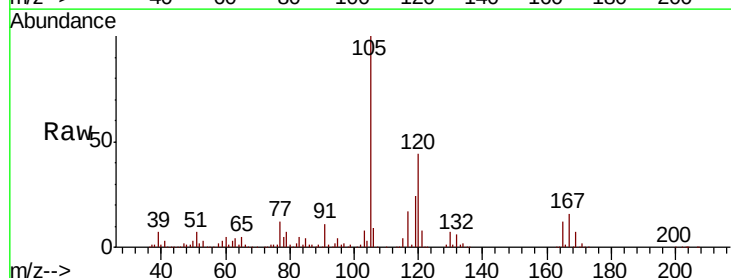
Instrument :
MSVOA_W
ClientSampleId :

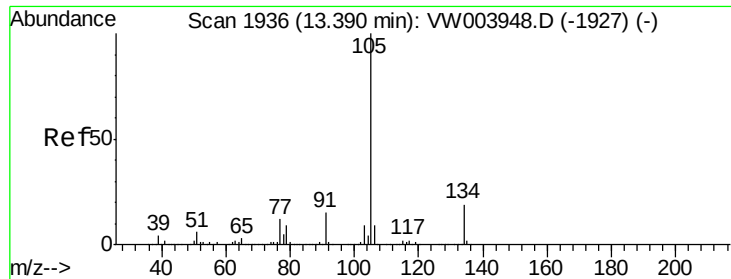
Tot Ion:119 Resp: 193660
Ion Ratio Lower Upper
119 100
91 68.6 32.8 98.3
134 26.8 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 20.049 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004309.D
Acq: 29 Jul 2018 12:38

Tgt Ion:105 Resp: 247109
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.0

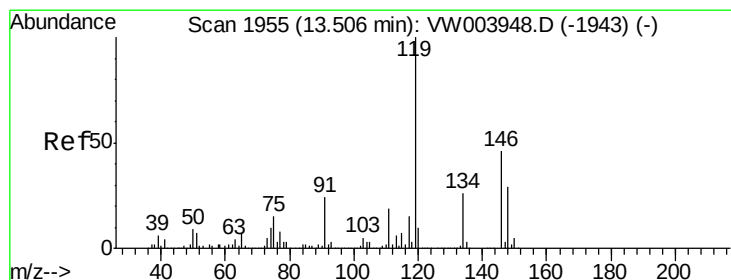
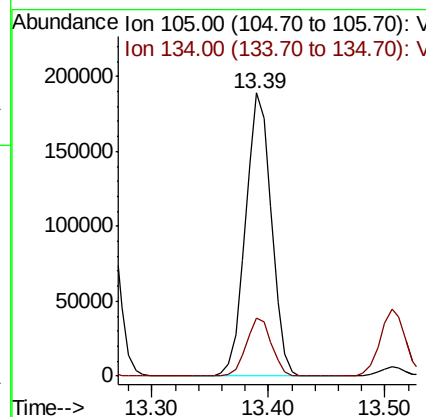
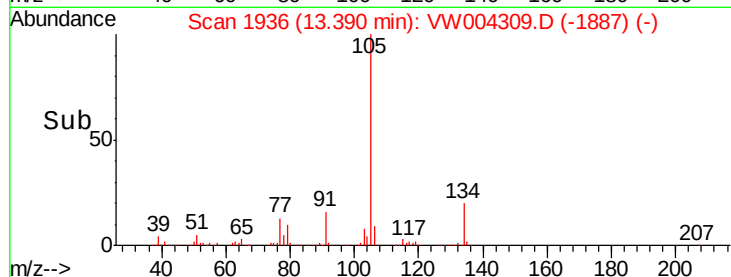
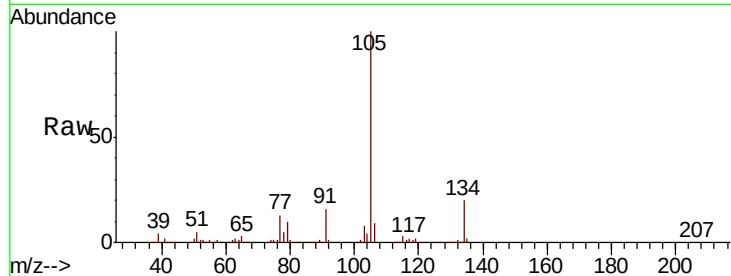




#85
 sec-Butylbenzene
 Concen: 19.922 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

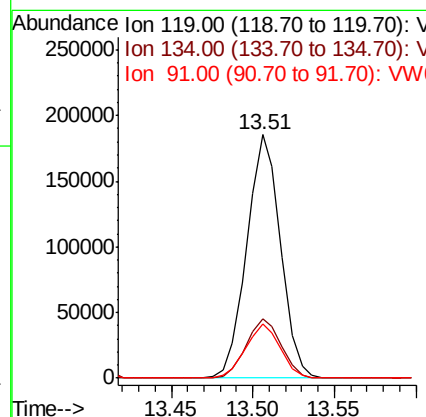
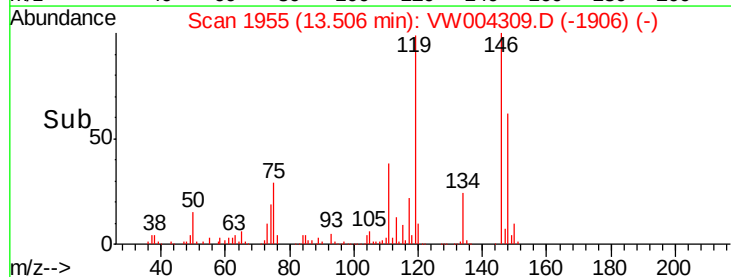
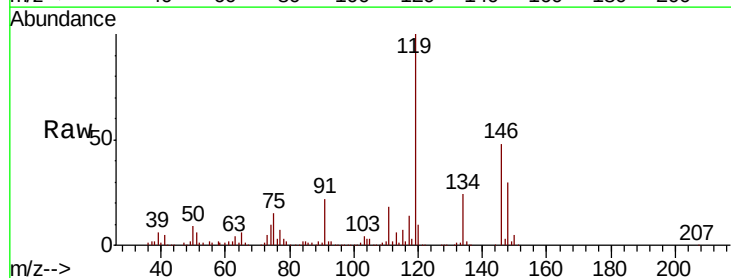
Instrument :
 MSVOA_W
 ClientSampleId :

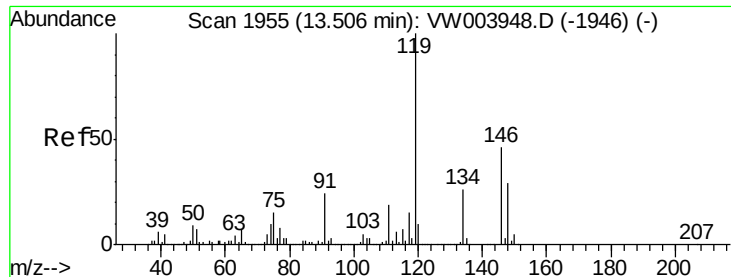
Tot Ion:105 Resp: 292977
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 20.239 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion:119 Resp: 267316
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 22.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.427 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

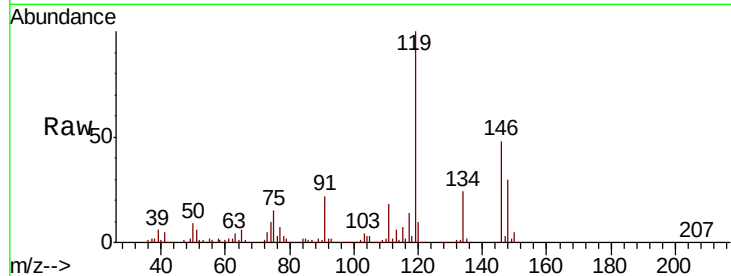
Tot Ion:146 Resp: 138582

Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.6

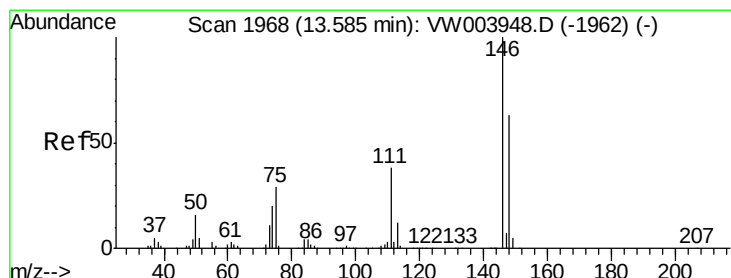
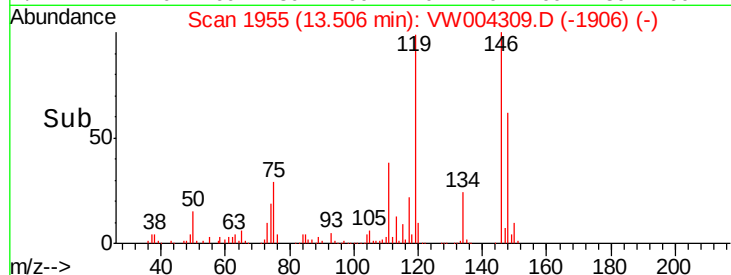
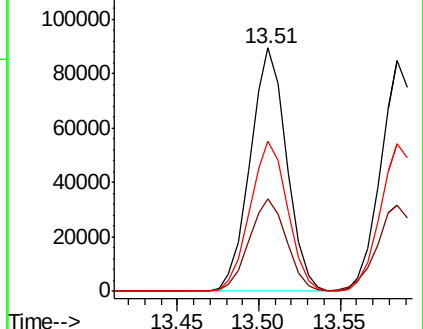
148 63.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.675 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

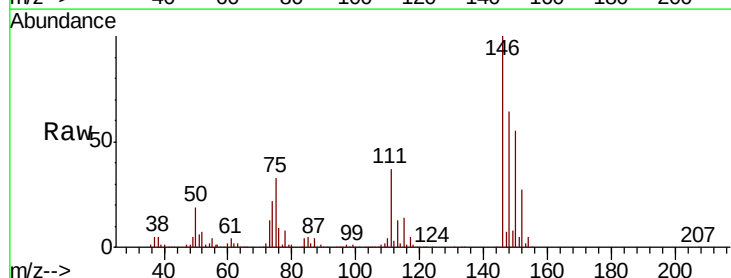
Tgt Ion:146 Resp: 133178

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.1

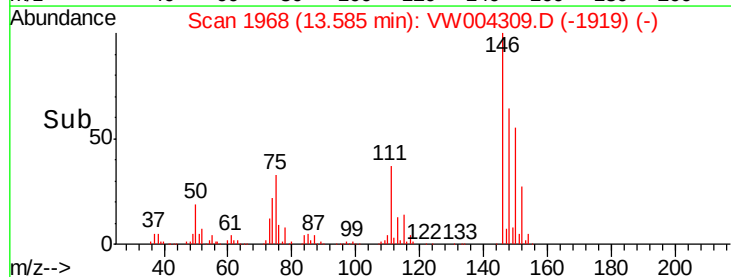
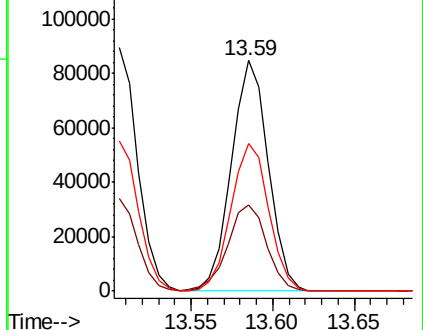
148 65.6 32.8 98.3

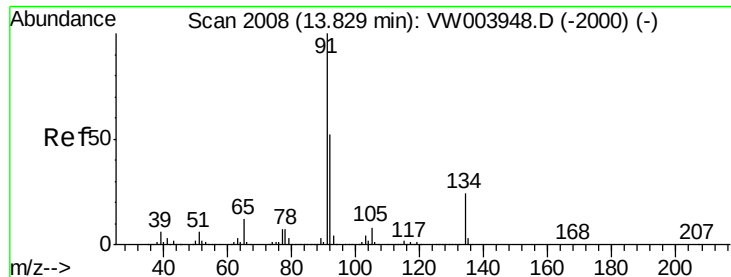


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.228 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

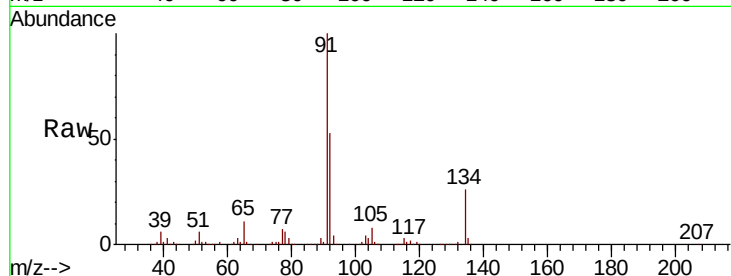
Tot Ion: 91 Resp: 249486

Ion Ratio Lower Upper

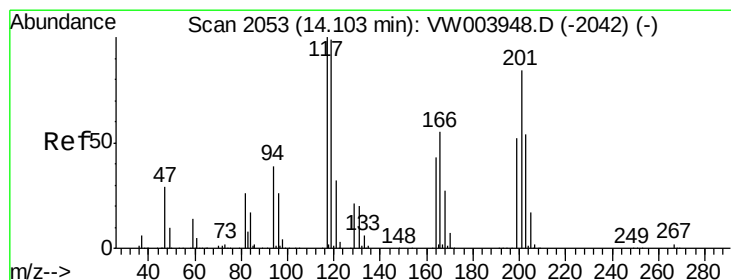
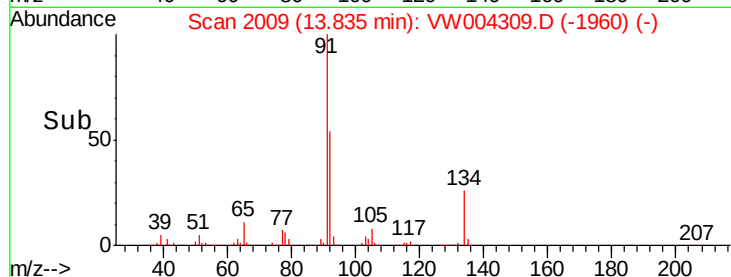
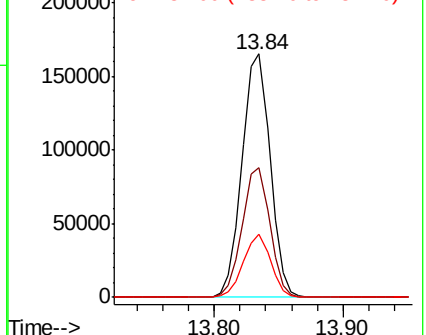
91 100

92 52.7 26.4 79.2

134 25.2 12.9 38.6



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



#90

Hexachloroethane

Concen: 19.822 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. 0.00 min

Lab File: VW004309.D

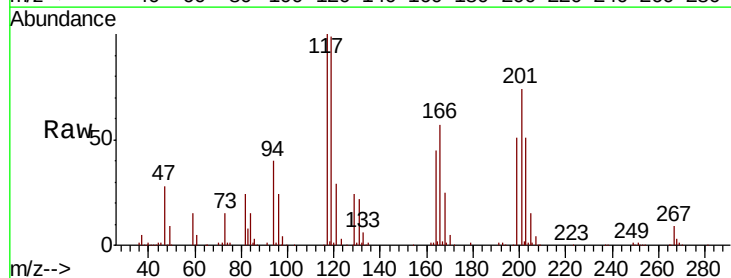
Acq: 29 Jul 2018 12:38

Tgt Ion: 117 Resp: 46694

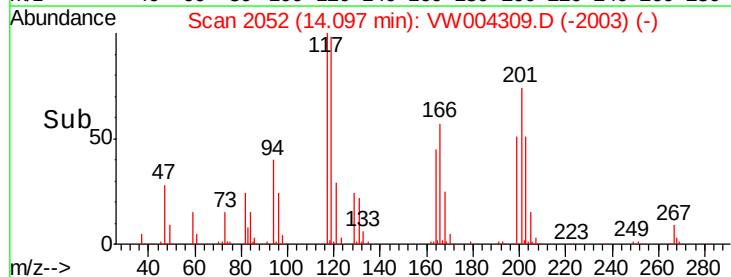
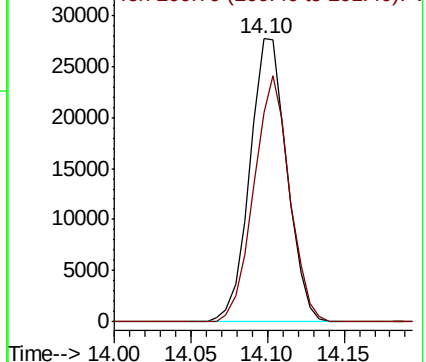
Ion Ratio Lower Upper

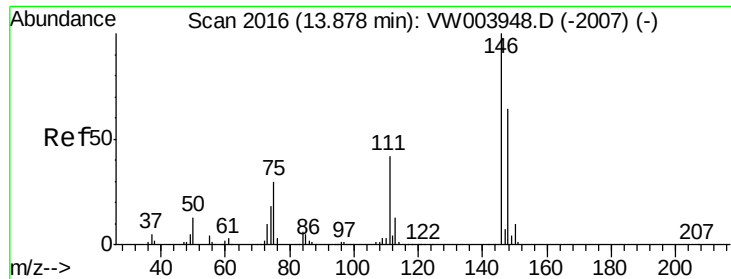
117 100

201 83.8 41.5 124.5



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

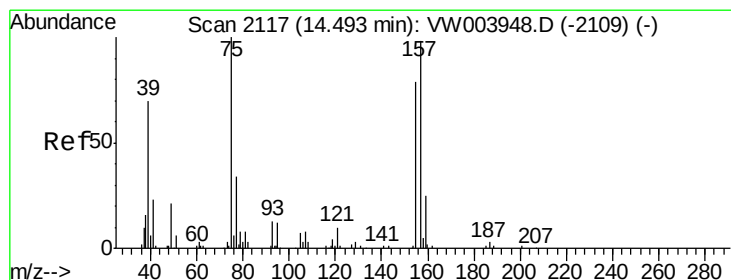
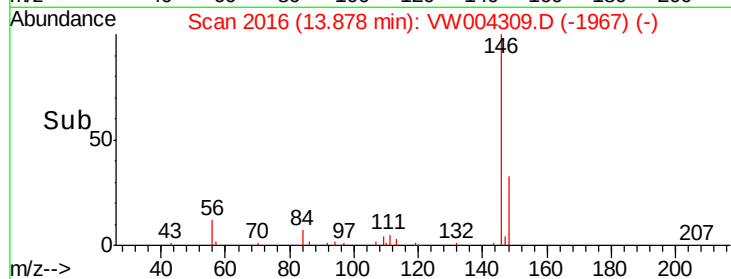
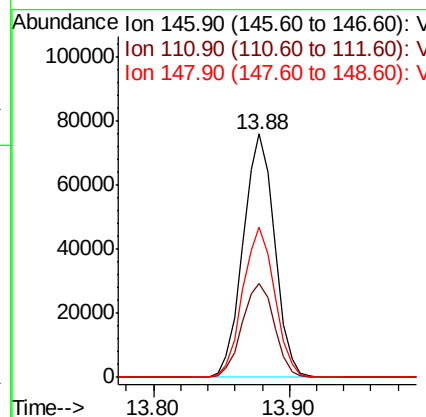
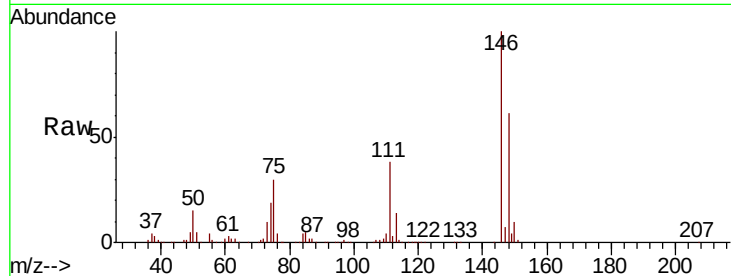




#91
 1,2-Dichlorobenzene
 Concen: 20.211 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

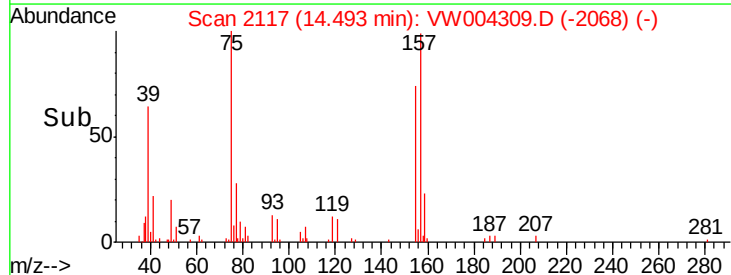
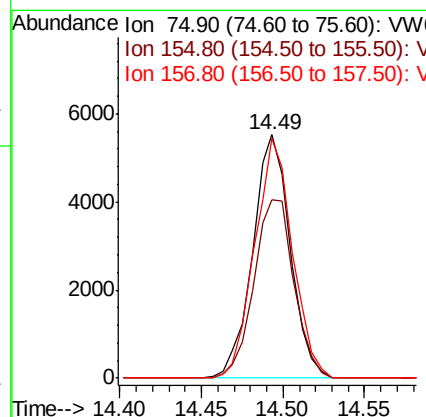
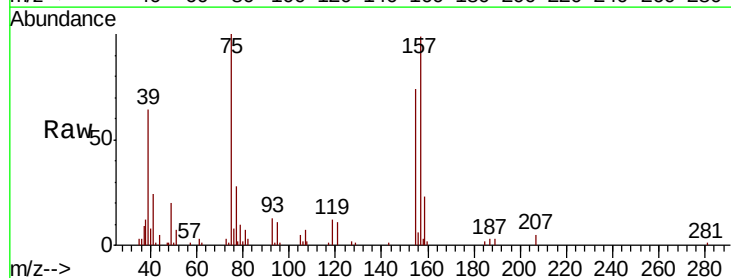
Instrument :
 MSVOA_W
 ClientSampleId :

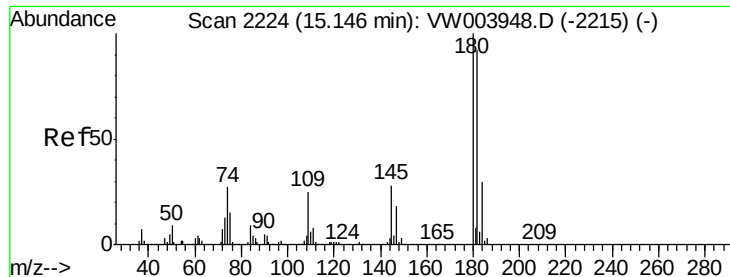
Tot Ion:146 Resp: 122736
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.1
 148 62.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.664 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion: 75 Resp: 8864
 Ion Ratio Lower Upper
 75 100
 155 78.3 41.4 124.4
 157 98.8 55.2 165.6

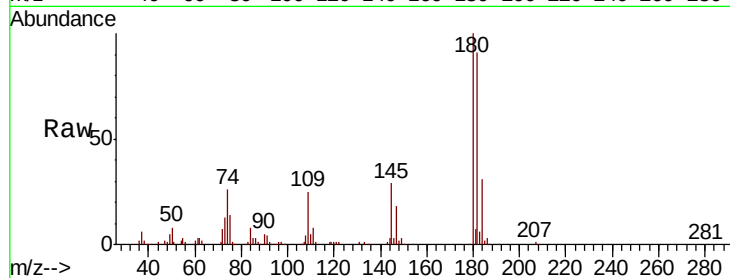




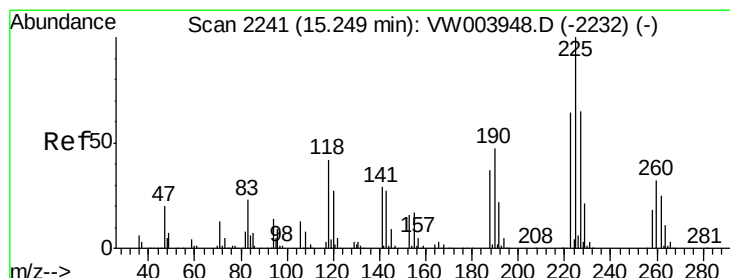
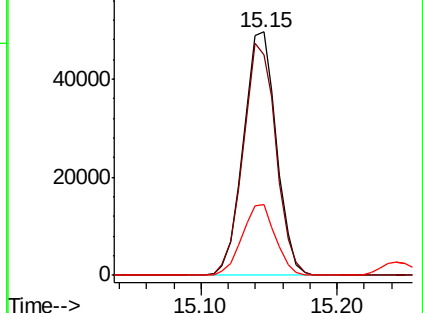
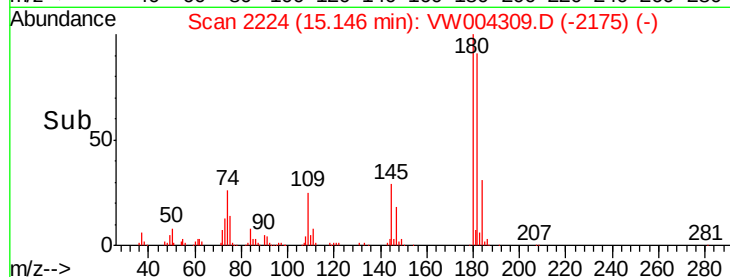
#93
 1,2,4-Trichlorobenzene
 Concen: 19.732 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.8
145	29.4	14.8	44.4

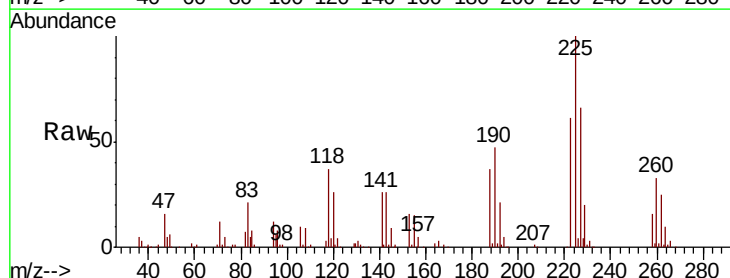


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

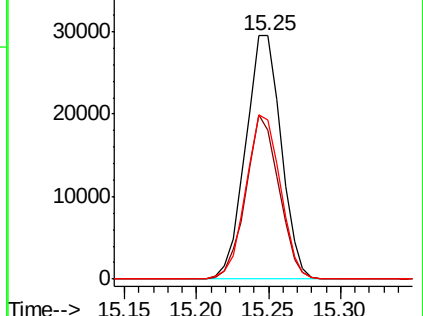
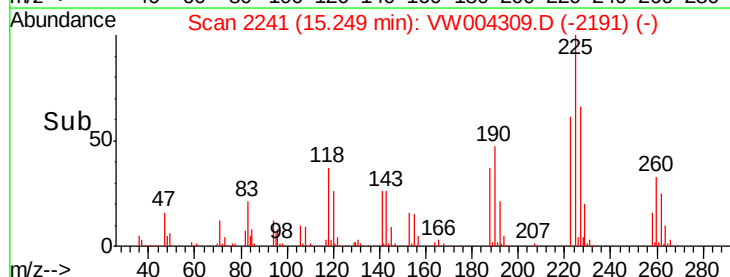


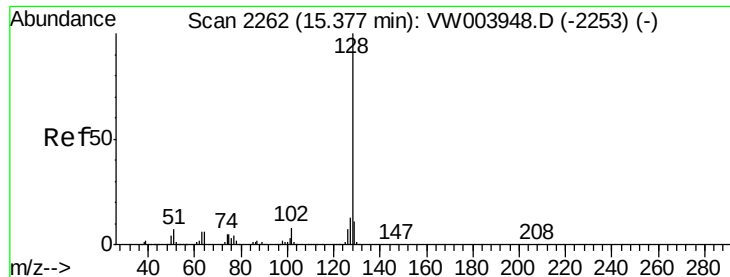
#94
 Hexachlorobutadiene
 Concen: 19.317 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004309.D
 Acq: 29 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.0	93.0
227	65.6	32.6	97.7



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





#95

Naphthalene

Concen: 19.459 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

Instrument :

MSVOA_W

ClientSampled :

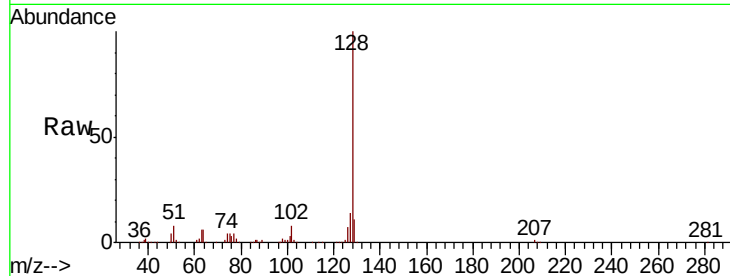
Tot Ion:128 Resp: 142750

Ion Ratio Lower Upper

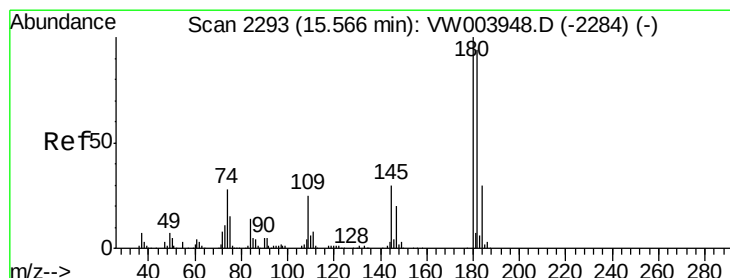
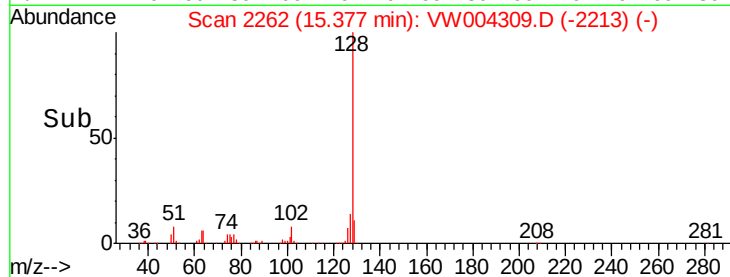
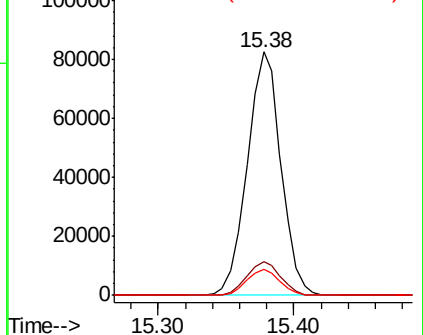
128 100

127 14.0 10.4 15.6

129 10.6 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 19.681 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW004309.D

Acq: 29 Jul 2018 12:38

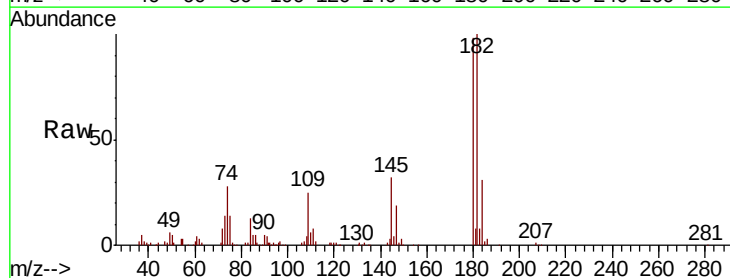
Tgt Ion:180 Resp: 73433

Ion Ratio Lower Upper

180 100

182 97.2 48.0 144.0

145 32.2 16.2 48.5



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

