

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004310.D
 Acq On : 29 Jul 2018 13:04
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 01:29:48 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	272913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199986	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	145703	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
35) Dibromofluoromethane	7.88	113	136838	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
50) Toluene-d8	10.33	98	551024	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.62	95	189468	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	46744	48.326	ug/l	100
3) Chloromethane	2.21	50	57767	37.735	ug/l	100
4) Vinyl Chloride	2.36	62	115140	43.708	ug/l	100
5) Bromomethane	2.78	94	78264	44.975	ug/l	100
6) Chloroethane	2.92	64	74165	44.846	ug/l	100
7) Trichlorofluoromethane	3.25	101	72369	45.917	ug/l	100
8) Diethyl Ether	3.67	74	55802	40.402	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133441	48.822	ug/l	100
10) Methyl Iodide	4.26	142	205132	50.168	ug/l	100
11) Tert butyl alcohol	5.17	59	43763	216.681	ug/l	100
12) 1,1-Dichloroethene	4.03	96	134999	49.430	ug/l	100
13) Acrolein	3.89	56	44177	246.774	ug/l	100
14) Allyl chloride	4.67	41	232002	52.834	ug/l	100
15) Acrylonitrile	5.37	53	158093	254.897	ug/l	100
16) Acetone	4.12	43	169172	268.166	ug/l	100
17) Carbon Disulfide	4.37	76	439977	52.103	ug/l	100
18) Methyl Acetate	4.67	43	79082	48.726	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	249387	51.281	ug/l	100
20) Methylene Chloride	4.91	84	139524	47.522	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	145124	49.822	ug/l	100
22) Diisopropyl ether	6.31	45	446576	54.040	ug/l	100
23) Vinyl Acetate	6.26	43	1308252	272.874	ug/l	100
24) 1,1-Dichloroethane	6.21	63	263870	49.581	ug/l	100
25) 2-Butanone	7.18	43	209899	274.529	ug/l	100
26) 2,2-Dichloropropane	7.17	77	155947	50.507	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	153106	51.651	ug/l	100
28) Bromochloromethane	7.51	49	93127	49.928	ug/l	100
29) Tetrahydrofuran	7.53	42	133577	273.022	ug/l	100
30) Chloroform	7.68	83	260936	51.331	ug/l	100
31) Cyclohexane	7.95	56	244285	51.980	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	211891	50.753	ug/l	100
36) 1,1-Dichloropropene	8.09	75	214230	51.707	ug/l	100
37) Ethyl Acetate	7.26	43	91850	54.100	ug/l	100
38) Carbon Tetrachloride	8.07	117	201646	49.290	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260830	52.244	ug/l	100
40) Benzene	8.32	78	603004	51.737	ug/l	100
41) Methacrylonitrile	7.49	41	55831	56.953	ug/l	100
42) 1,2-Dichloroethane	8.40	62	169085	50.743	ug/l	100
43) Isopropyl Acetate	8.43	43	168154	54.954	ug/l	100
44) Trichloroethene	9.09	130	156583	49.762	ug/l	100
45) 1,2-Dichloropropane	9.37	63	151326	52.322	ug/l	100
46) Dibromomethane	9.46	93	75339	51.013	ug/l	100
47) Bromodichloromethane	9.65	83	191832	51.211	ug/l	100
48) Methyl methacrylate	9.44	41	84379	54.145	ug/l	100
49) 1,4-Dioxane	9.45	88	22973	1026.111	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	456069	271.576	ug/l	100
52) Toluene	10.39	92	374237	51.141	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	196432	52.357	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	230136	52.616	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	108146	51.395	ug/l	100
56) Ethyl methacrylate	10.65	69	138753	54.491	ug/l	100
57) 1,3-Dichloropropane	10.93	76	185898	51.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	291065	257.319	ug/l	100
59) 2-Hexanone	10.98	43	315847	273.911	ug/l	100
60) Dibromochloromethane	11.13	129	125446	49.824	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101829	50.748	ug/l	100
64) Tetrachloroethene	10.87	164	134047	49.338	ug/l	100
65) Chlorobenzene	11.66	112	400008	51.359	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	136182	49.575	ug/l	100
67) Ethyl Benzene	11.74	91	697333	51.363	ug/l	100
68) m/p-Xylenes	11.85	106	544674	104.257	ug/l	100
69) o-Xylene	12.17	106	255716	52.975	ug/l	100
70) Styrene	12.19	104	428342	52.524	ug/l	100
71) Bromoform	12.35	173	76638	49.781	ug/l #	100
73) Isopropylbenzene	12.47	105	704530	50.807	ug/l	100
74) N-amyl acetate	12.28	43	157379	52.376	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	124380	51.204	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	166976	54.784	ug/l #	100
77) Bromobenzene	12.76	156	169084	50.465	ug/l	100
78) n-propylbenzene	12.81	91	888120	52.573	ug/l	100
79) 2-Chlorotoluene	12.90	91	497903	51.530	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	610394	51.096	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	40588	51.745	ug/l	100
82) 4-Chlorotoluene	12.99	91	511898	50.067	ug/l	100
83) tert-Butylbenzene	13.21	119	520183	52.269	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	622598	51.102	ug/l	100
85) sec-Butylbenzene	13.39	105	769251	52.917	ug/l	100
86) p-Isopropyltoluene	13.51	119	687280	52.640	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	334729	49.912	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	328828	49.145	ug/l	100
89) n-Butylbenzene	13.84	91	638655	52.384	ug/l	100
90) Hexachloroethane	14.10	117	117819	50.596	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	299974	49.971	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20472	48.279	ug/l	100

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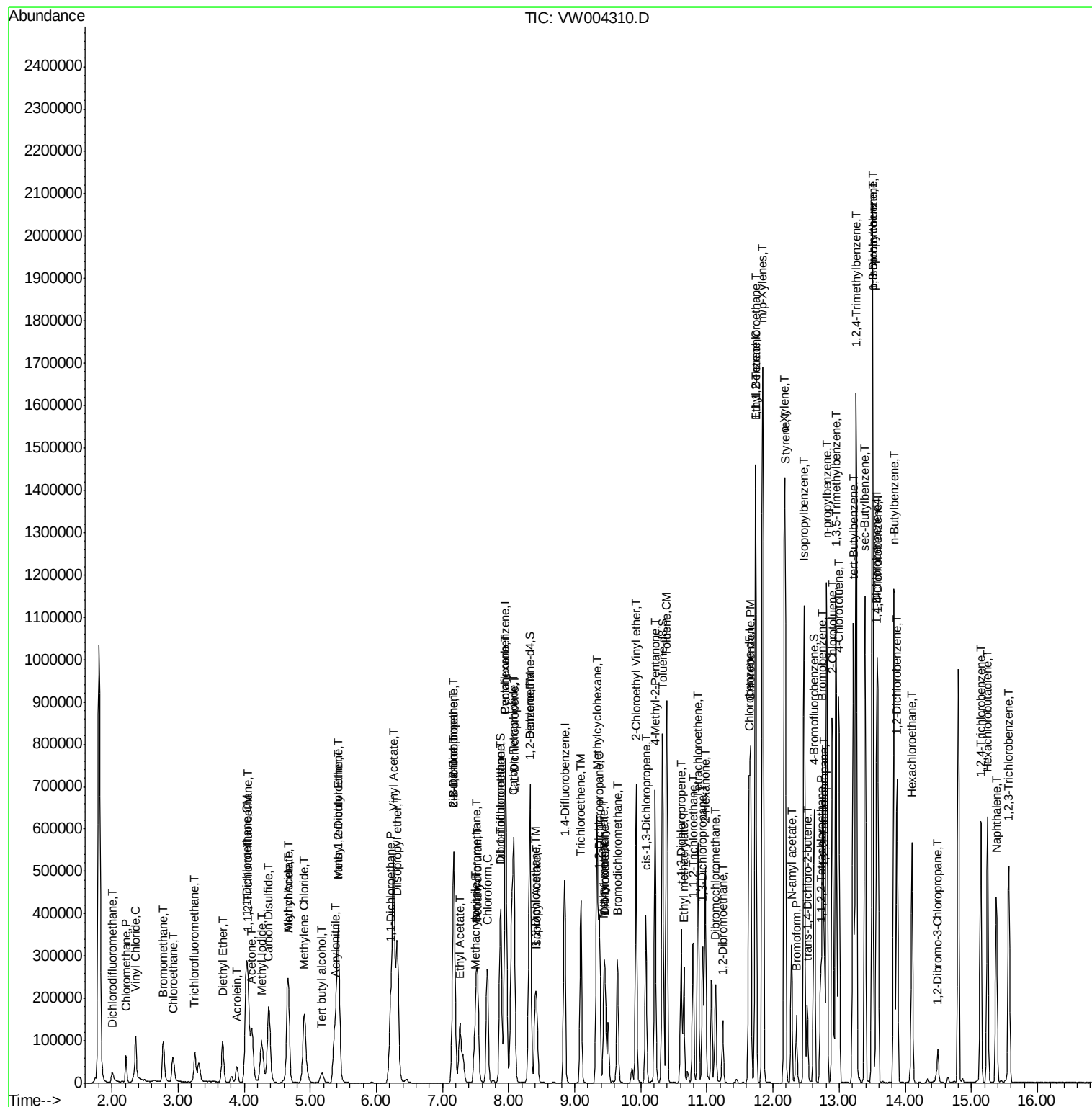
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	211155	50.096	ug/l	100
94) Hexachlorobutadiene	15.24	225	125243	48.635	ug/l	100
95) Naphthalene	15.38	128	373658	51.528	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	182754	49.550	ug/l	100

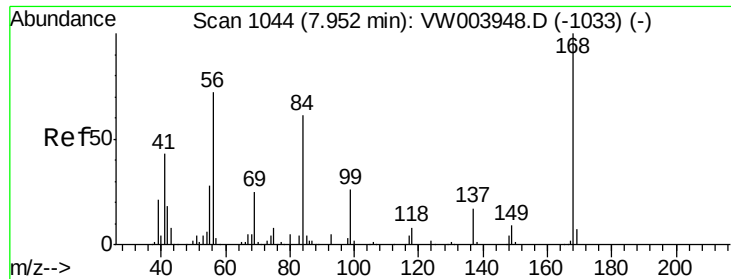
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : SW846 8260
QLast Update : Mon Jul 30 01:27:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

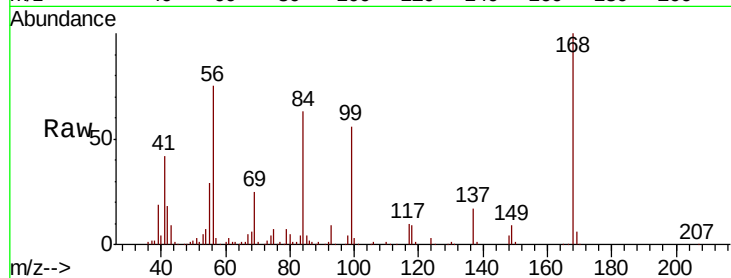
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 272913

Ion Ratio Lower Upper

168 100

99 56.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

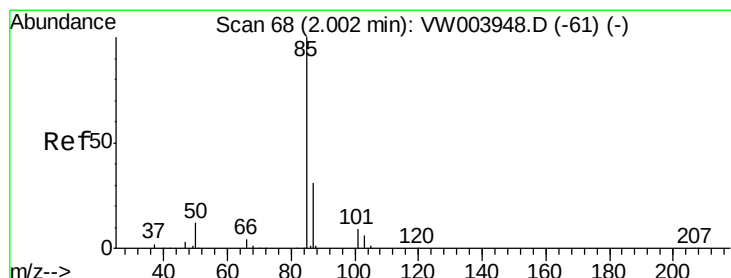
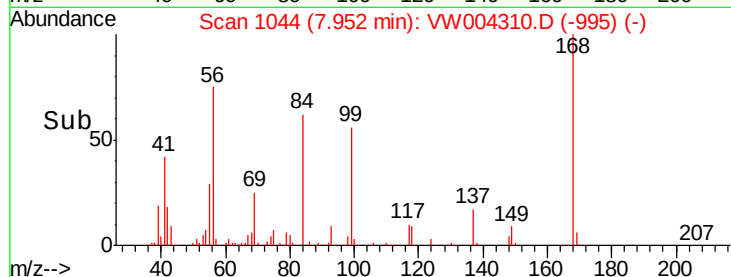
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.326 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004310.D

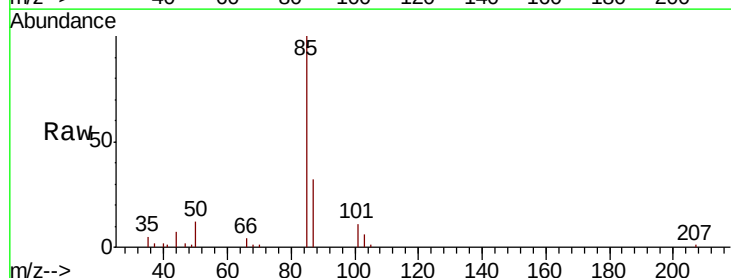
Acq: 29 Jul 2018 13:04

Tgt Ion: 85 Resp: 46744

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

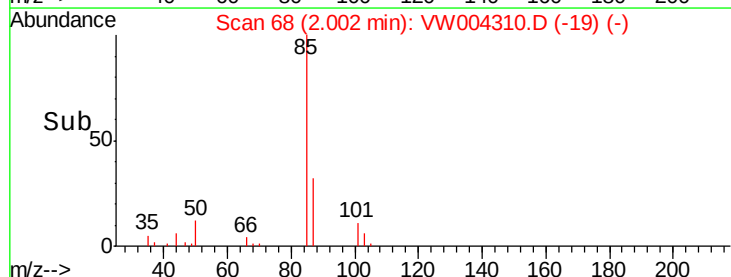
15000

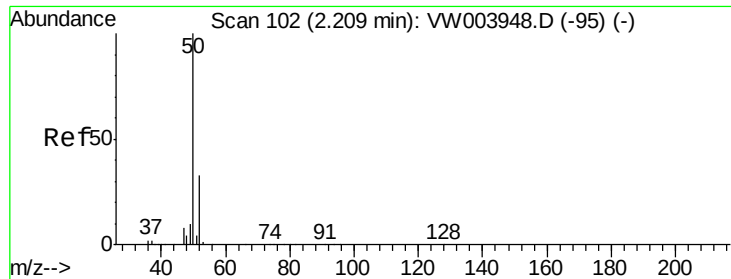
10000

5000

0

Time-->

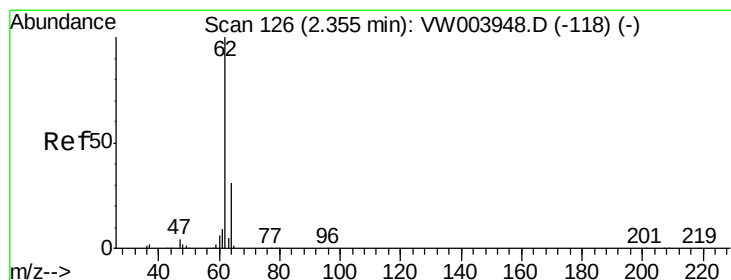
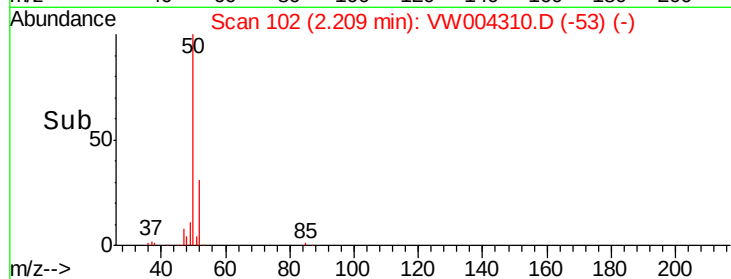
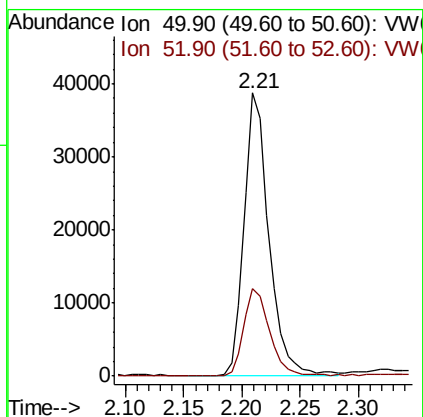
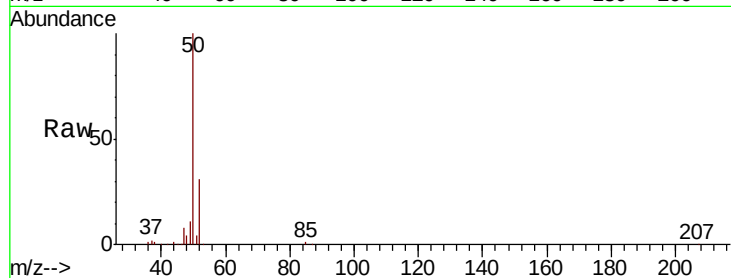




#3
Chloromethane
Concen: 37.735 ug/l
RT: 2.21 min Scan# 102
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

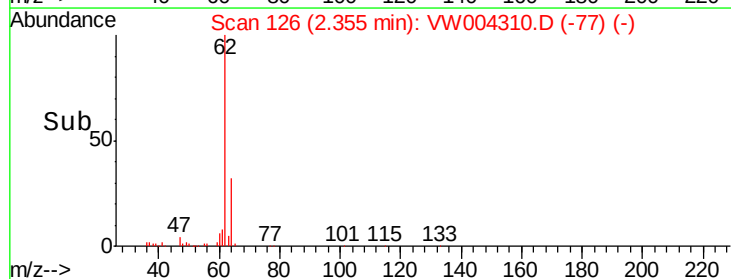
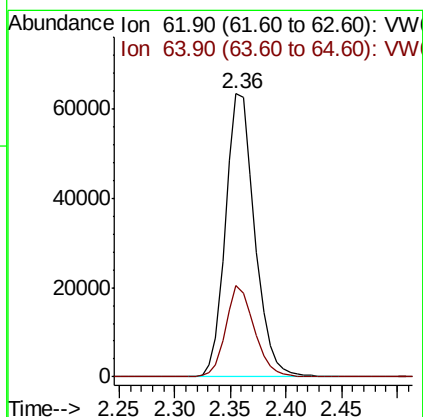
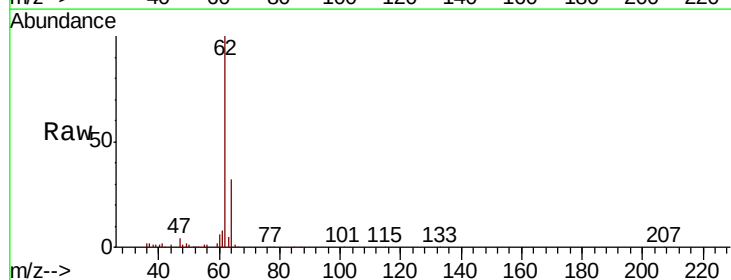
Instrument :
MSVOA_W
ClientSampleId :

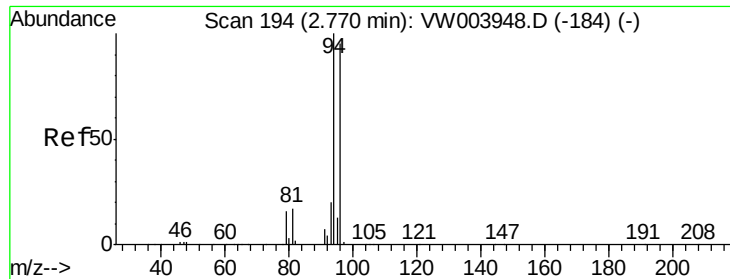
Tot Ion: 50 Resp: 57767
Ion Ratio Lower Upper
50 100
52 31.1 24.8 37.2



#4
Vinyl Chloride
Concen: 43.708 ug/l
RT: 2.36 min Scan# 126
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 62 Resp: 115140
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5

Bromomethane

Concen: 44.975 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

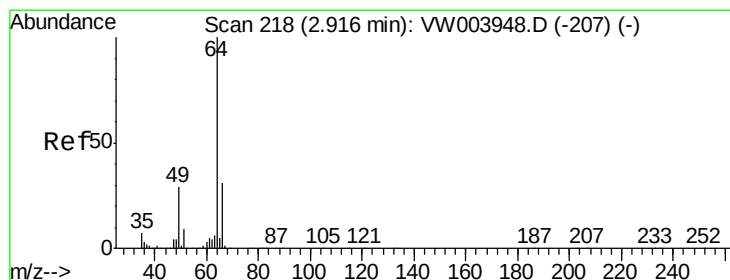
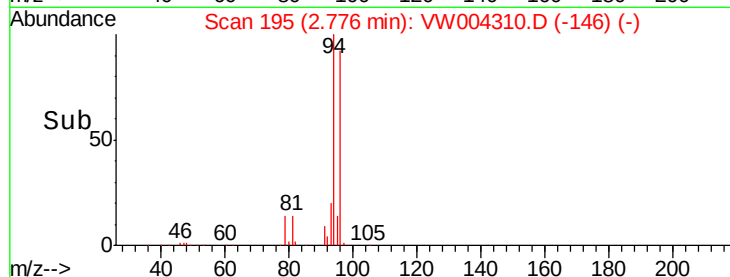
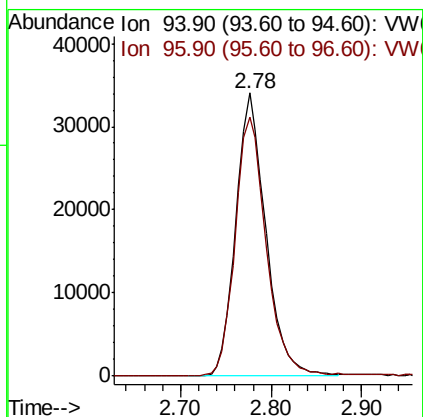
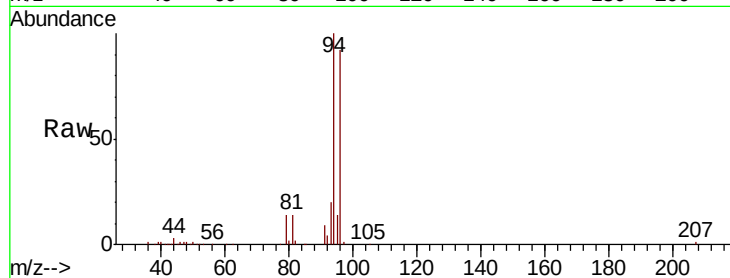
ClientSampleId :

Tot Ion: 94 Resp: 78264

Ion Ratio Lower Upper

94 100

96 91.6 73.3 109.9



#6

Chloroethane

Concen: 44.846 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004310.D

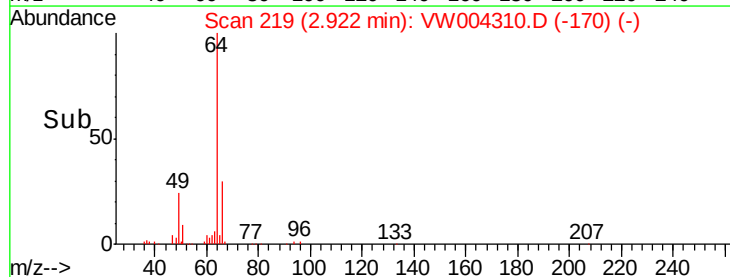
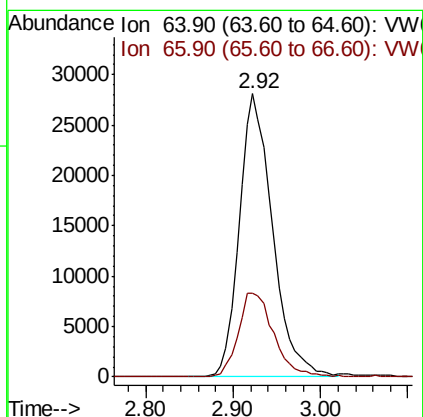
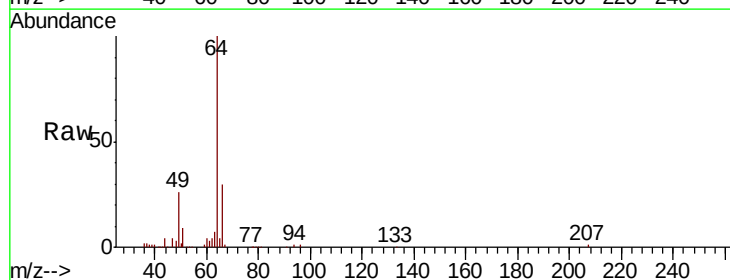
Acq: 29 Jul 2018 13:04

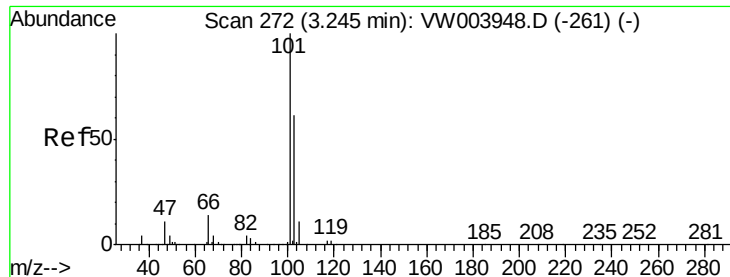
Tgt Ion: 64 Resp: 74165

Ion Ratio Lower Upper

64 100

66 29.6 23.7 35.5



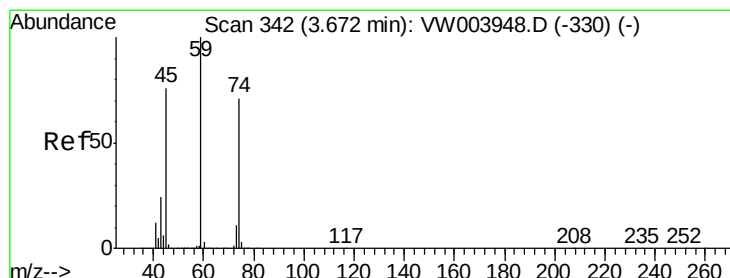
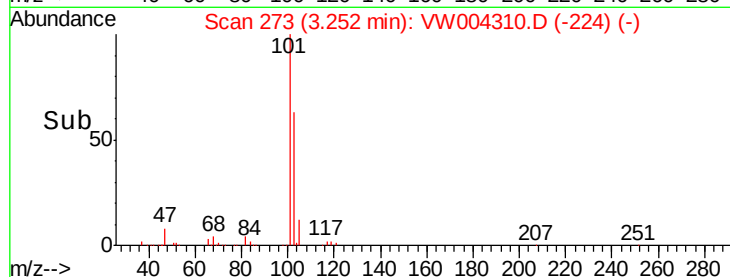
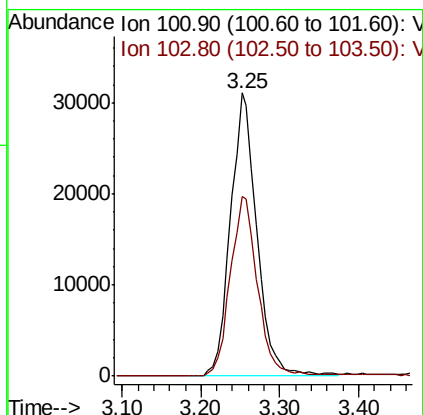
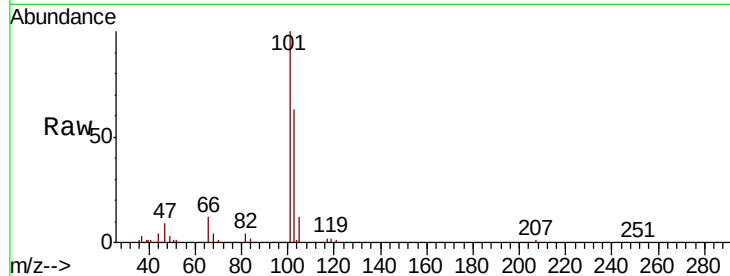


#7

Trichlorofluoromethane
 Concen: 45.917 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :

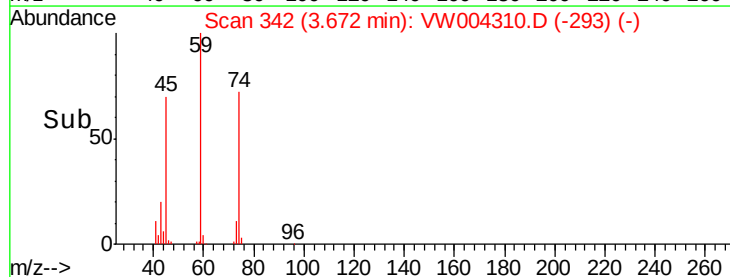
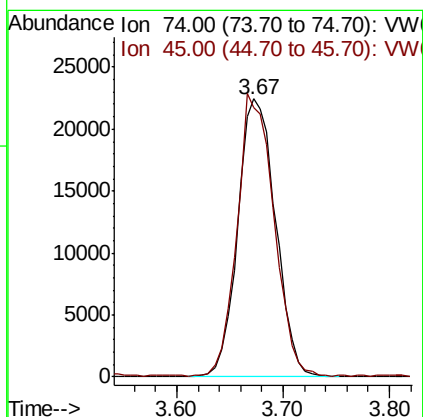
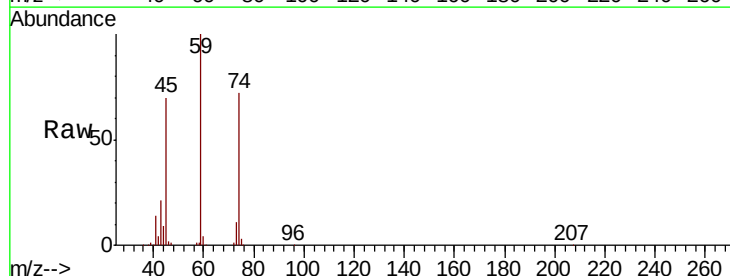
Tot Ion:101 Resp: 72369
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.8 76.2

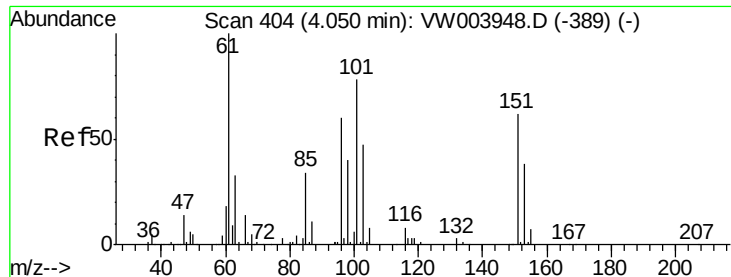


#8

Diethyl Ether
 Concen: 40.402 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion: 74 Resp: 55802
 Ion Ratio Lower Upper
 74 100
 45 98.7 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.822 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampleId :

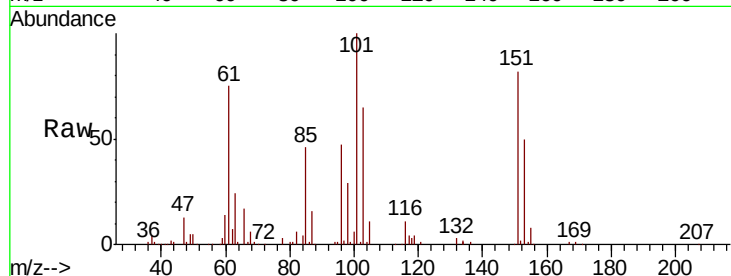
Tot Ion:101 Resp: 133441

Ion Ratio Lower Upper

101 100

85 44.4 35.5 53.3

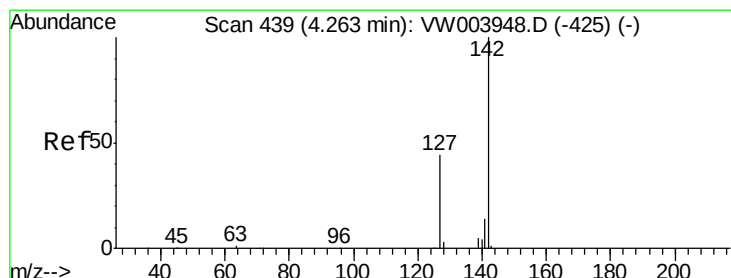
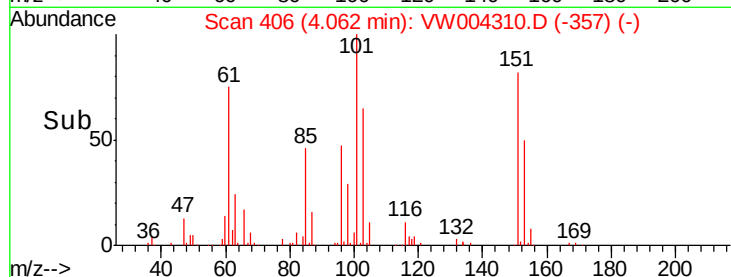
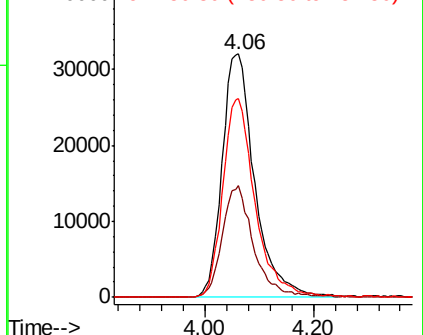
151 80.8 64.6 97.0



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: 50.168 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

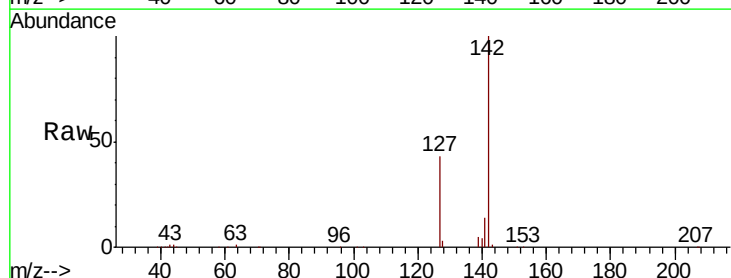
Tgt Ion:142 Resp: 205132

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

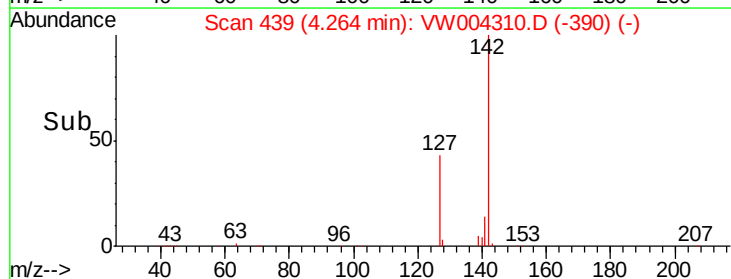
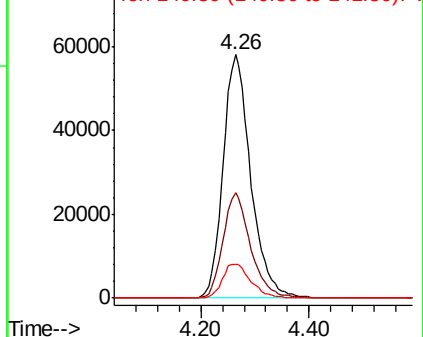
141 14.4 11.5 17.3

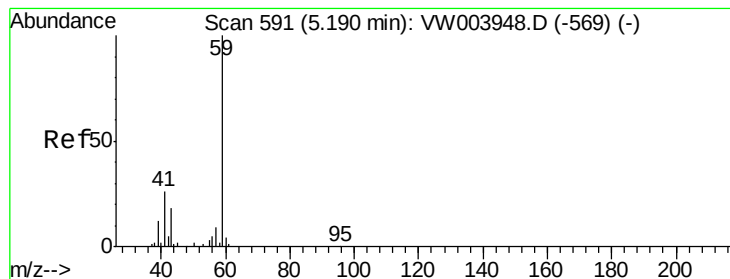


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



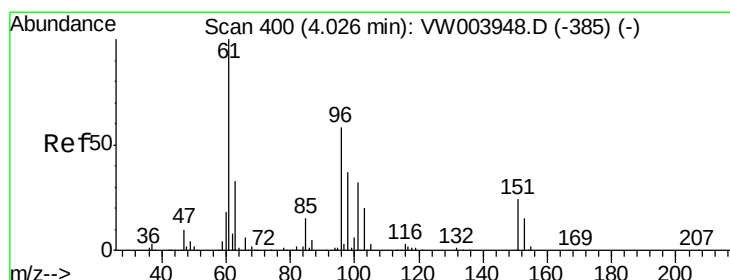
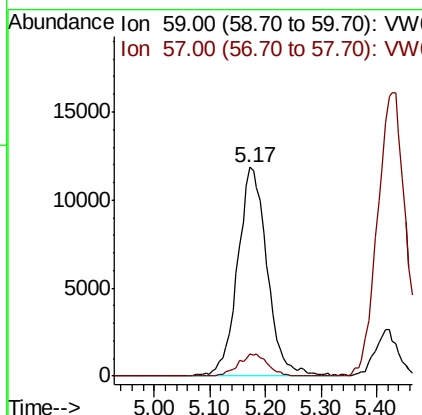
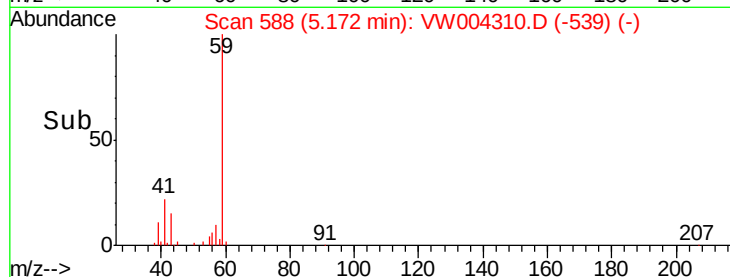
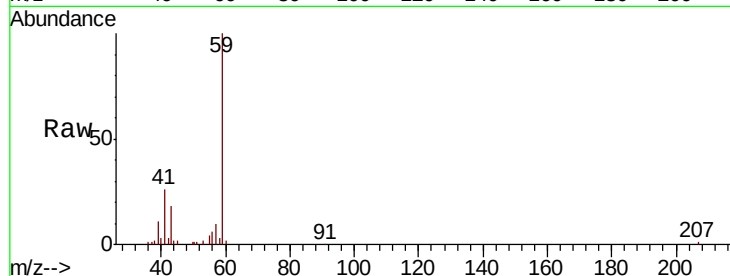


#11

Tert butyl alcohol
Concen: 216.681 ug/l
RT: 5.17 min Scan# 588
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :

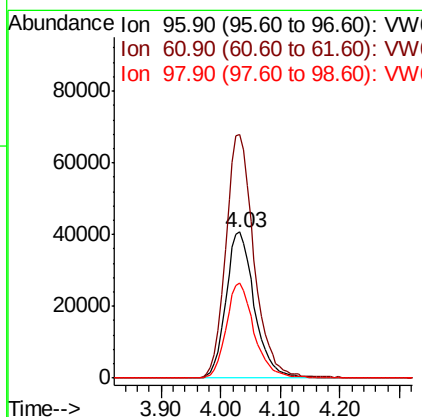
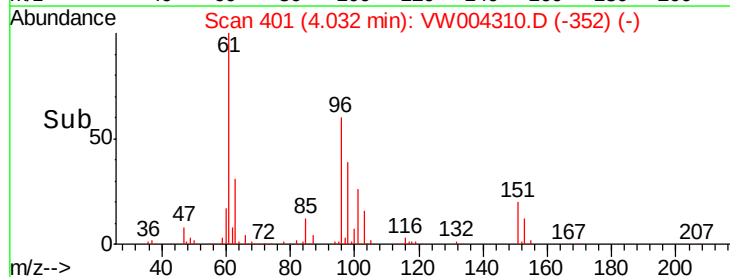
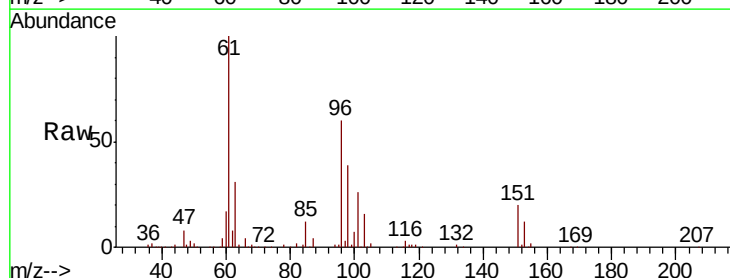
Tot Ion: 59 Resp: 43763
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

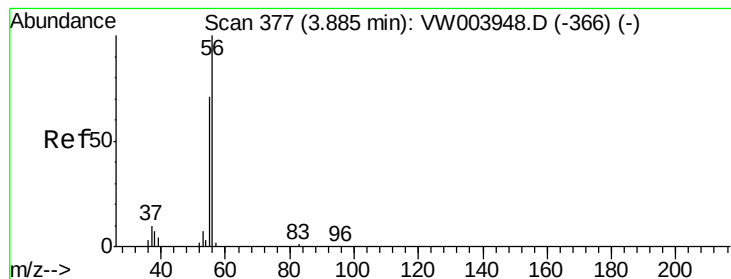


#12

1,1-Dichloroethene
Concen: 49.430 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 96 Resp: 134999
Ion Ratio Lower Upper
96 100
61 166.7 133.4 200.0
98 64.9 51.9 77.9





#13

Acrolein

Concen: 246.774 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

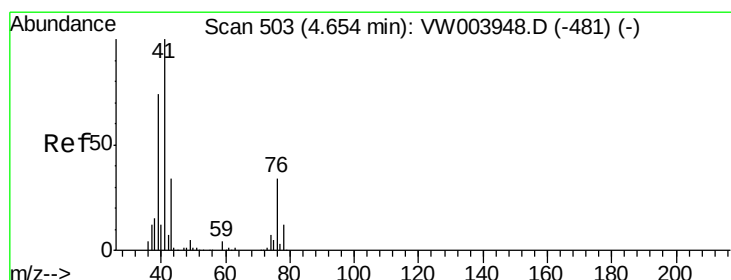
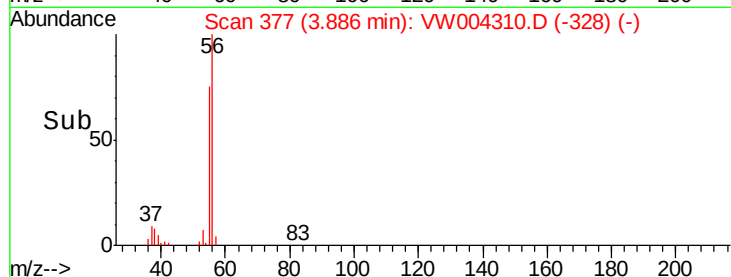
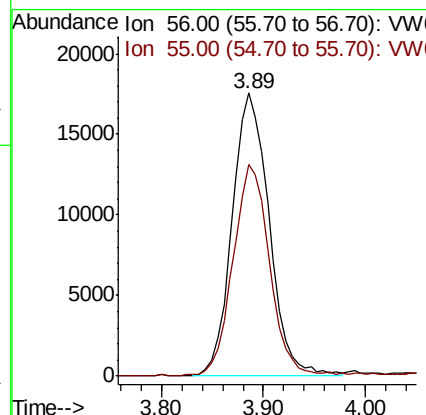
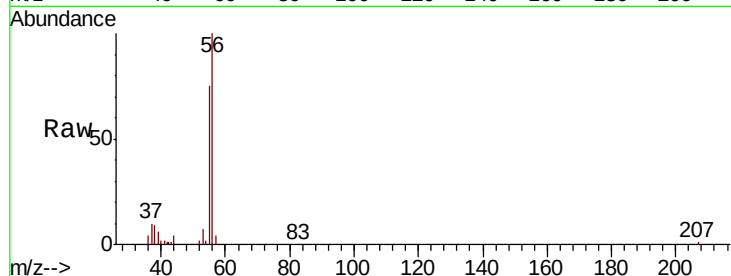
ClientSampleId :

Tot Ion: 56 Resp: 44177

Ion Ratio Lower Upper

56 100

55 74.3 59.4 89.2



#14

Allyl chloride

Concen: 52.834 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

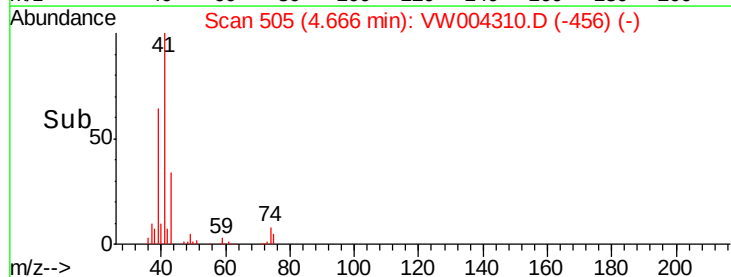
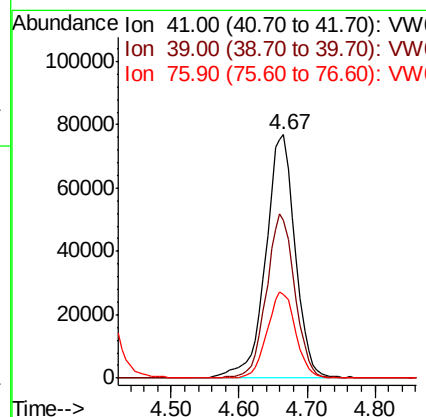
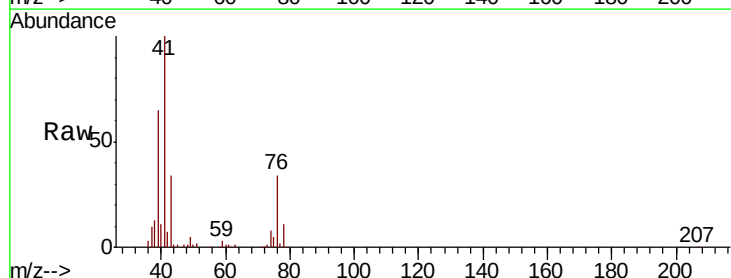
Tgt Ion: 41 Resp: 232002

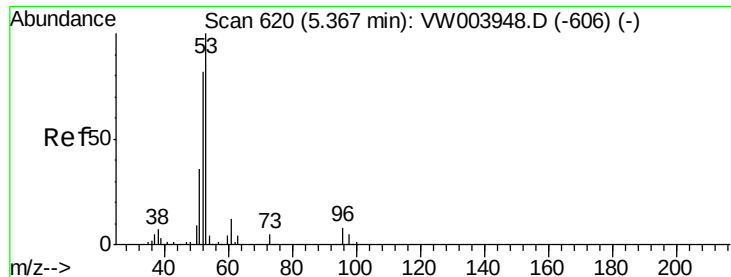
Ion Ratio Lower Upper

41 100

39 65.4 52.3 78.5

76 34.1 27.3 40.9





#15

Acrylonitrile

Concen: 254.897 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampleId :

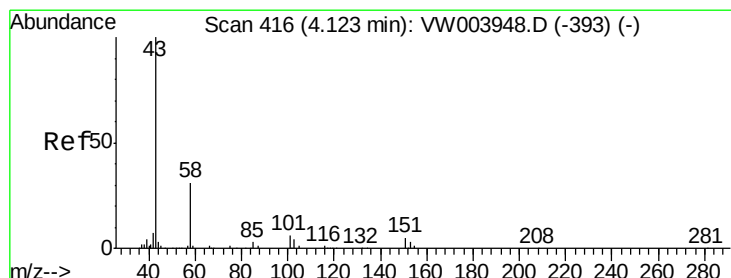
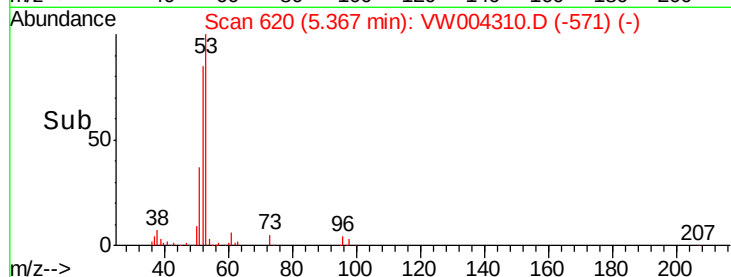
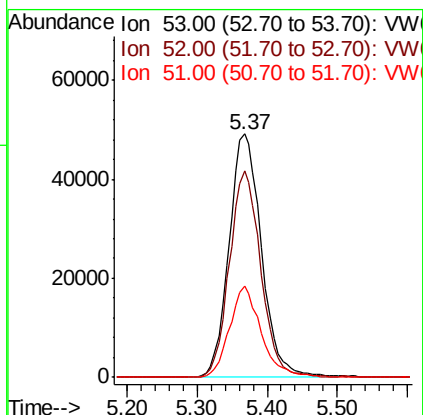
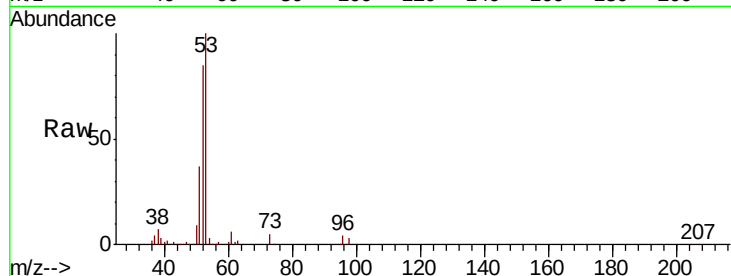
Tot Ion: 53 Resp: 158093

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

51 36.5 29.2 43.8



#16

Acetone

Concen: 268.166 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004310.D

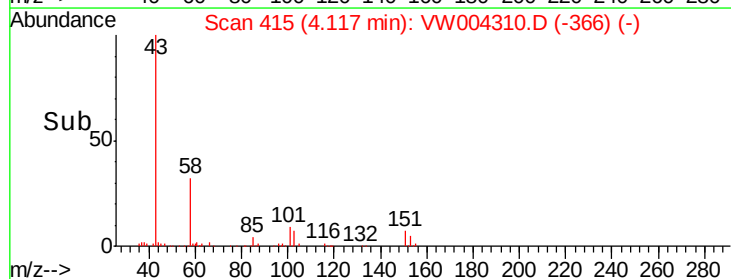
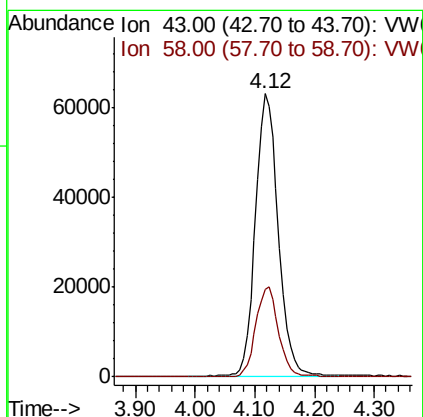
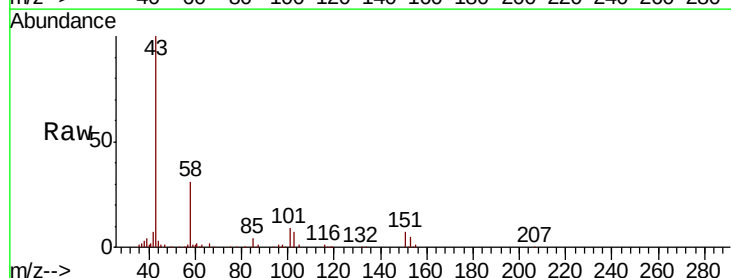
Acq: 29 Jul 2018 13:04

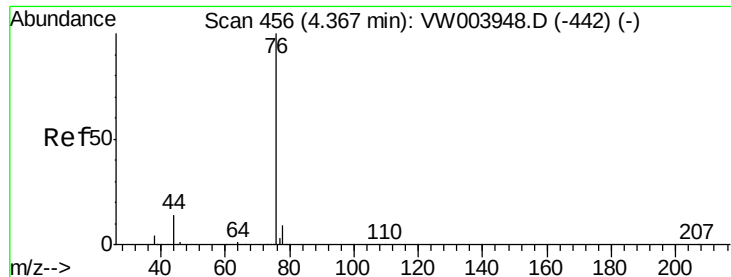
Tgt Ion: 43 Resp: 169172

Ion Ratio Lower Upper

43 100

58 31.0 24.8 37.2





#17

Carbon Disulfide

Concen: 52.103 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

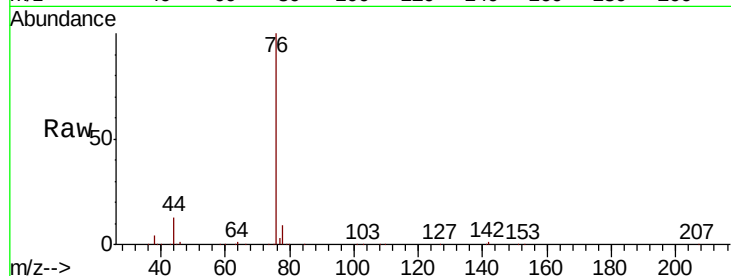
ClientSampled :

Tot Ion: 76 Resp: 439977

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

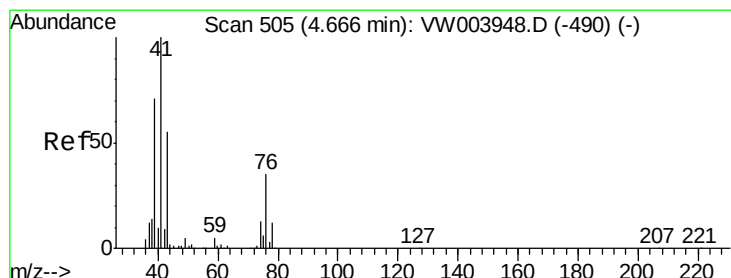
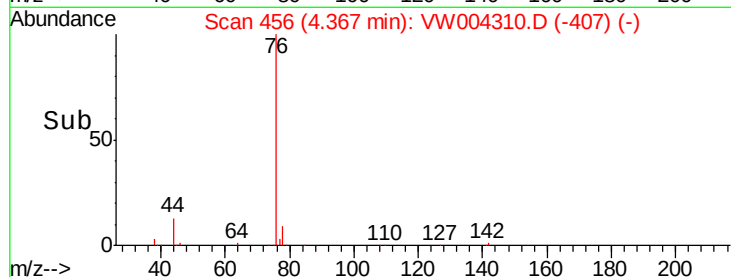
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.726 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004310.D

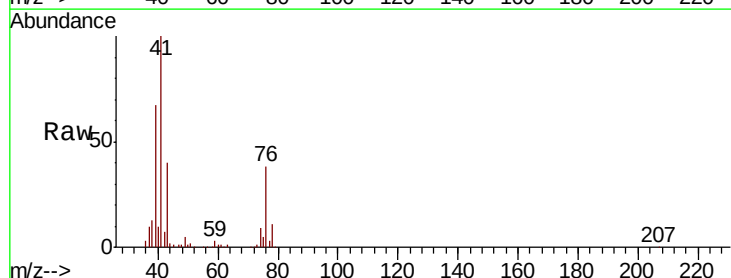
Acq: 29 Jul 2018 13:04

Tgt Ion: 43 Resp: 79082

Ion Ratio Lower Upper

43 100

74 22.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

30000

25000

20000

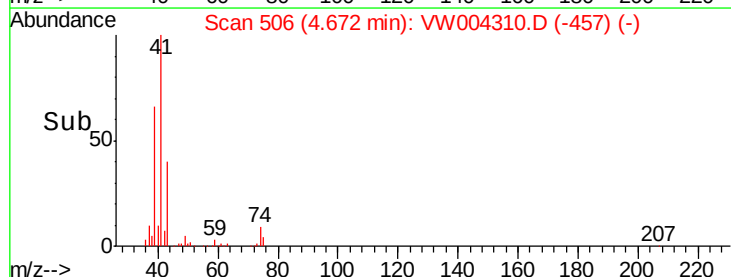
15000

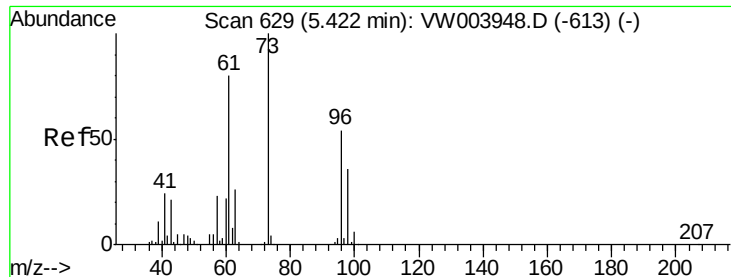
10000

5000

0

Time-->

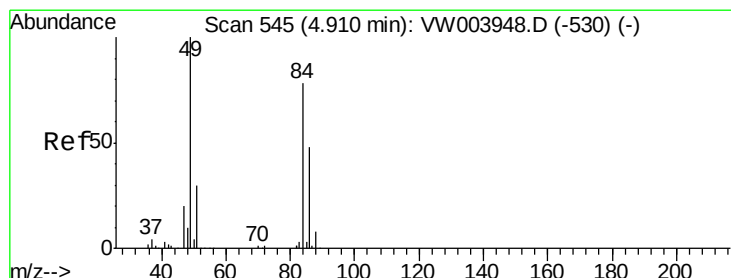
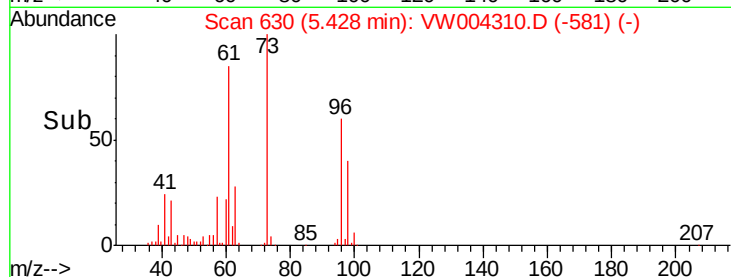
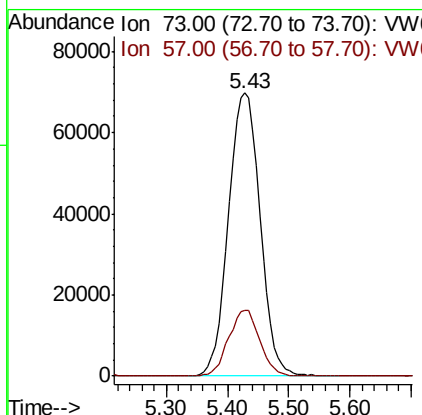
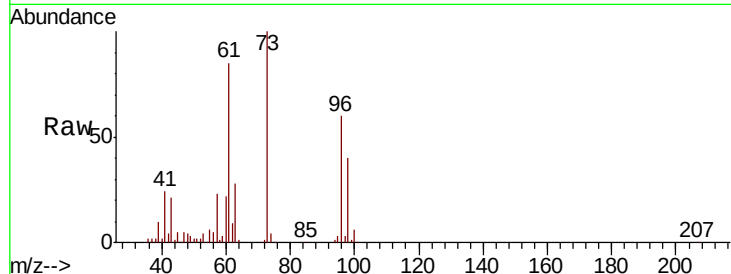




#19
Methyl tert-butyl Ether
Concen: 51.281 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

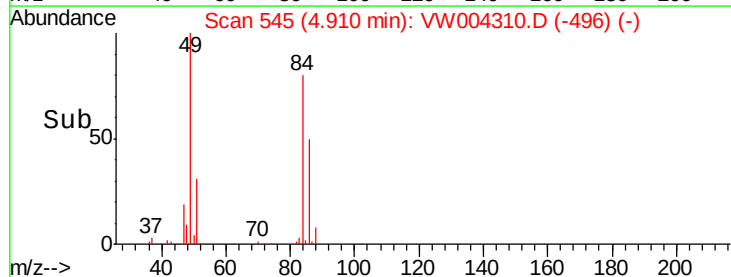
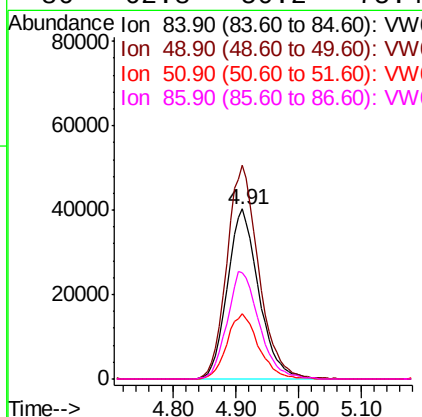
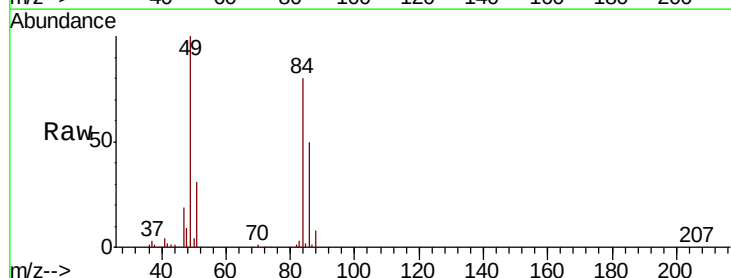
Instrument :
MSVOA_W
ClientSampleId :

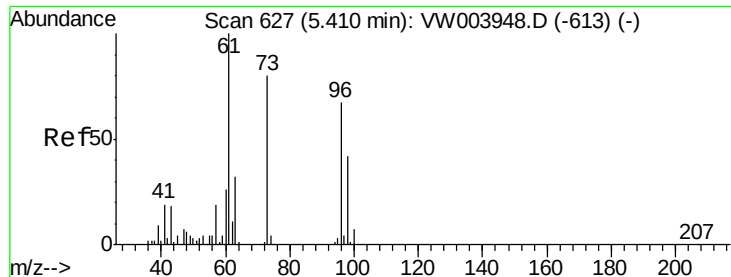
Tot Ion: 73 Resp: 249387
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 47.522 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 84 Resp: 139524
Ion Ratio Lower Upper
84 100
49 125.6 100.5 150.7
51 38.6 30.9 46.3
86 62.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 49.822 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :

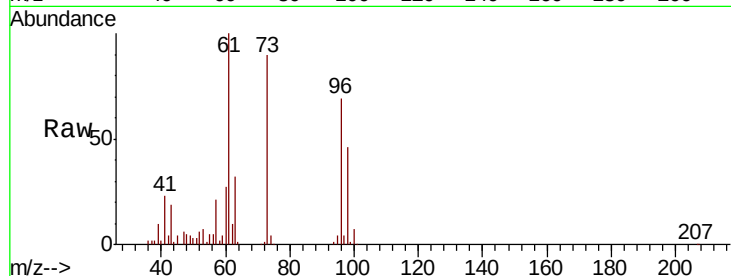
Tot Ion: 96 Resp: 145124

Ion Ratio Lower Upper

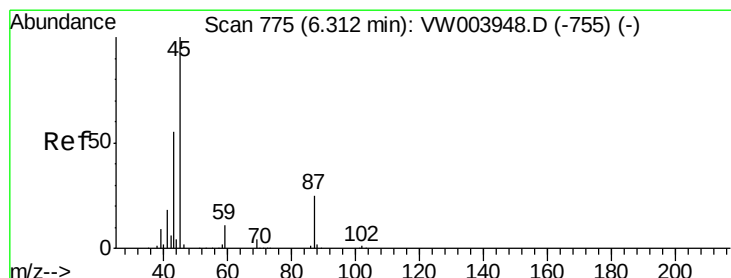
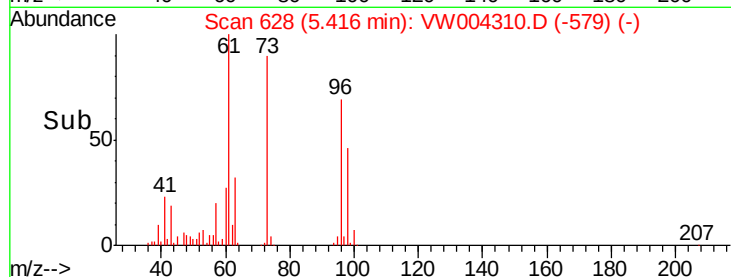
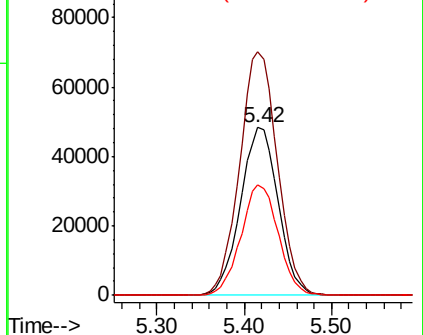
96 100

61 145.2 116.2 174.2

98 66.1 52.9 79.3



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 54.040 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion: 45 Resp: 446576

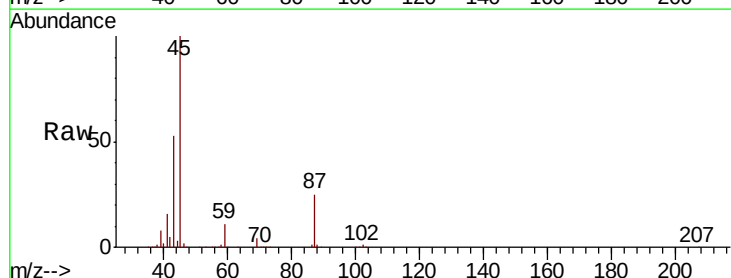
Ion Ratio Lower Upper

45 100

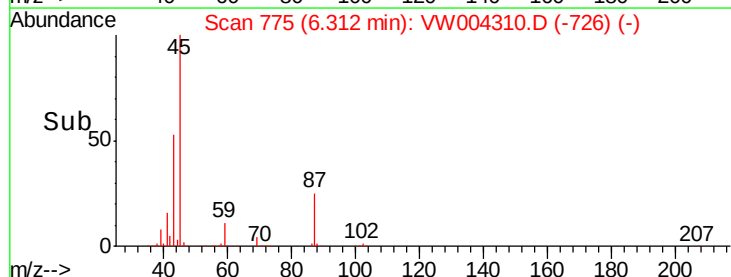
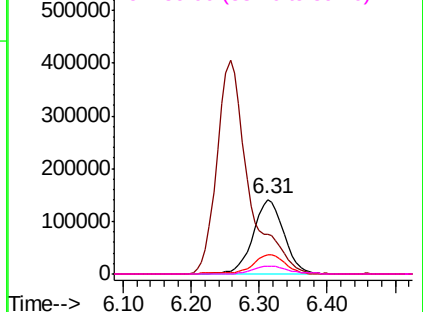
43 52.9 42.3 63.5

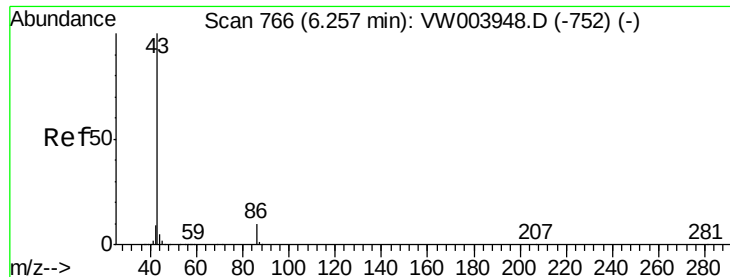
87 24.9 19.9 29.9

59 10.9 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 272.874 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

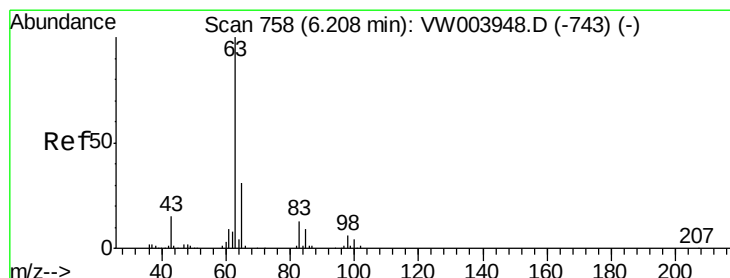
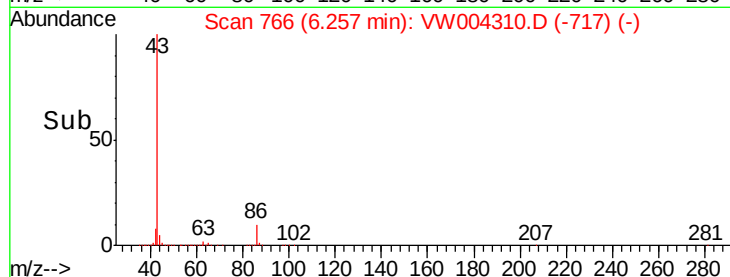
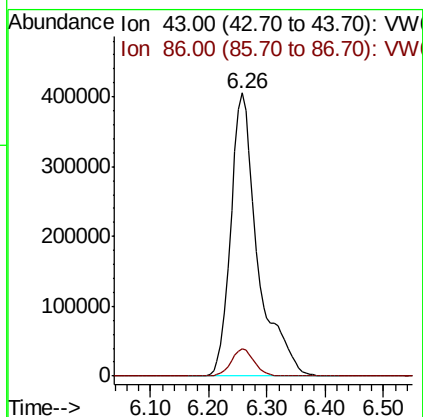
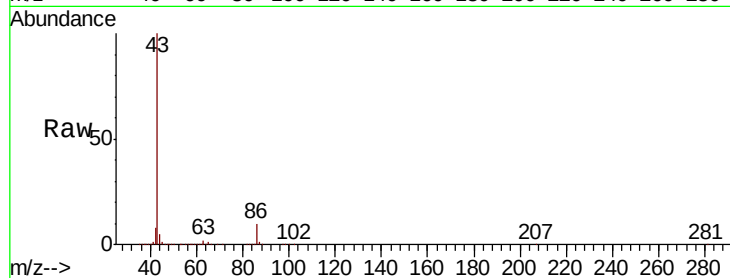
ClientSampleId :

Tot Ion: 43 Resp: 1308252

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



#24

1,1-Dichloroethane

Concen: 49.581 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

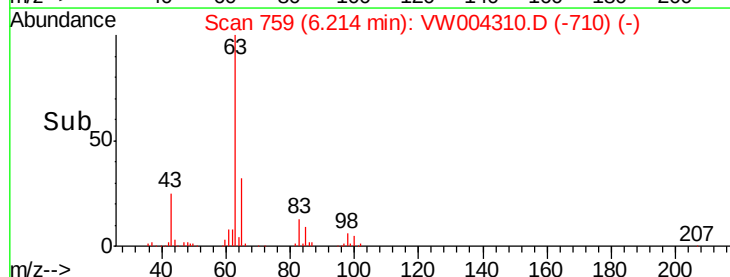
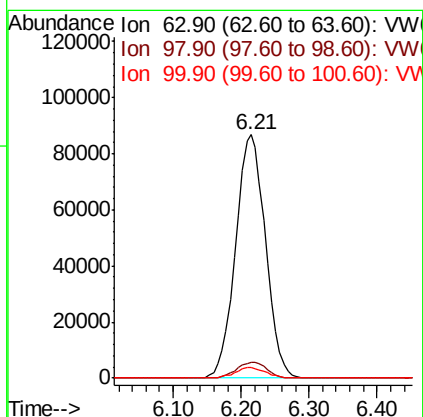
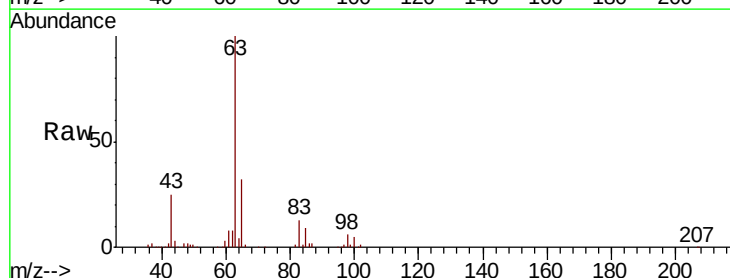
Tgt Ion: 63 Resp: 263870

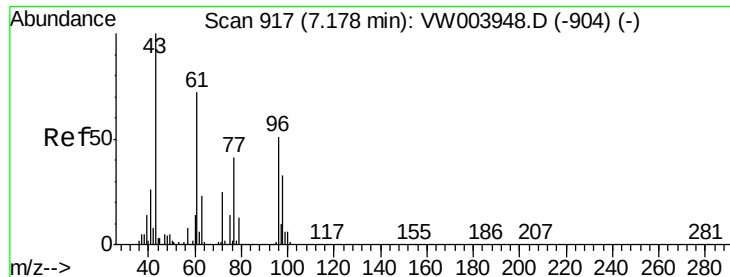
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.6 2.3 6.9

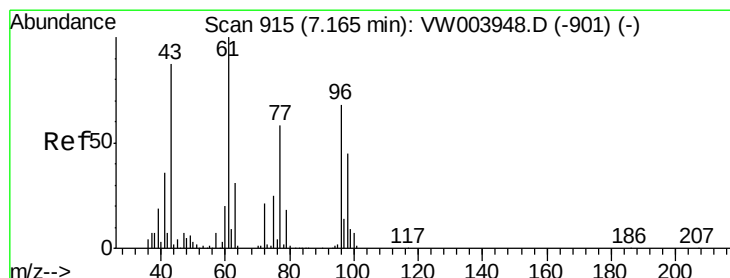
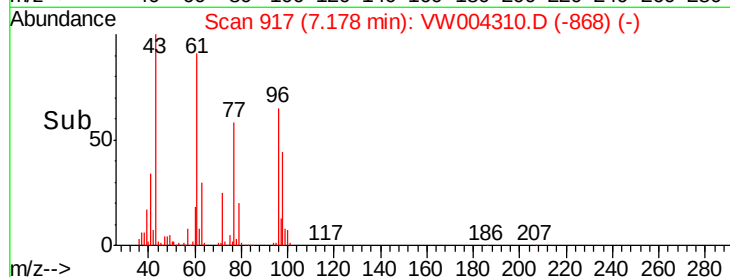
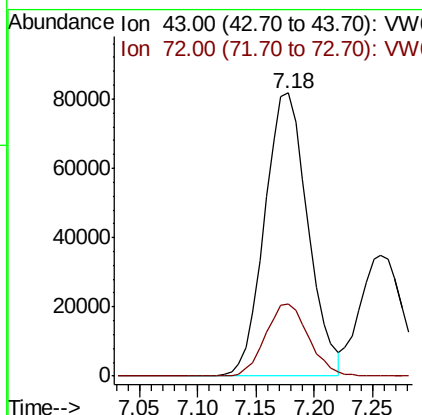
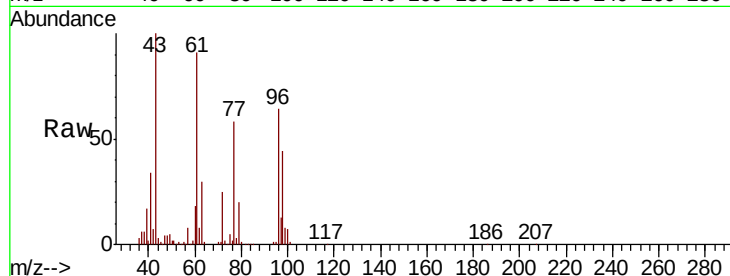




#25
2-Butanone
Concen: 274.529 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

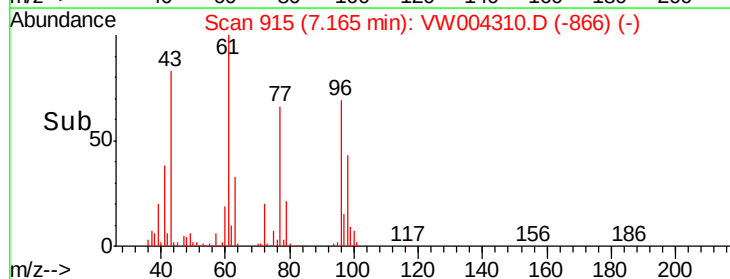
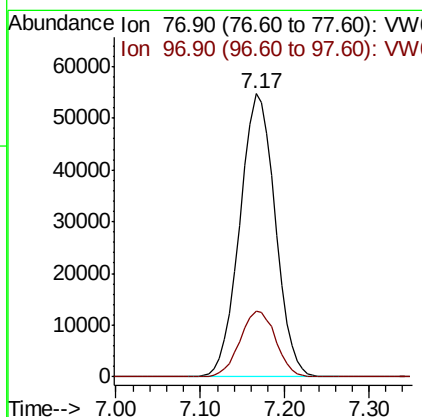
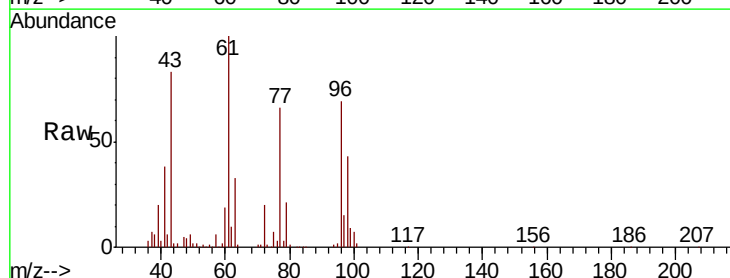
Instrument :
MSVOA_W
ClientSampled :

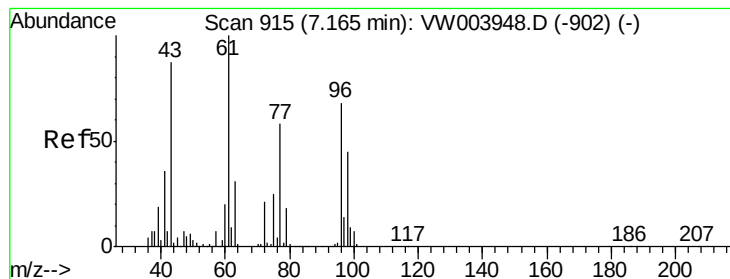
Tot Ion: 43 Resp: 209899
Ion Ratio Lower Upper
43 100
72 25.4 20.3 30.5



#26
2,2-Dichloropropane
Concen: 50.507 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 77 Resp: 155947
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1



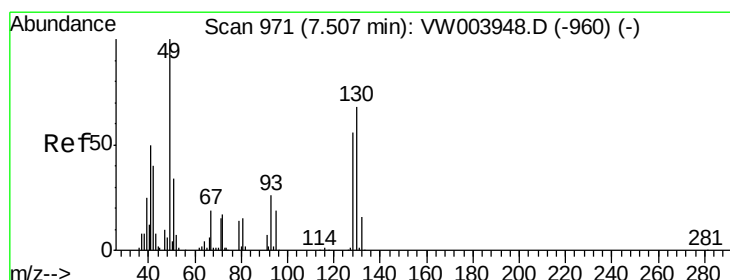
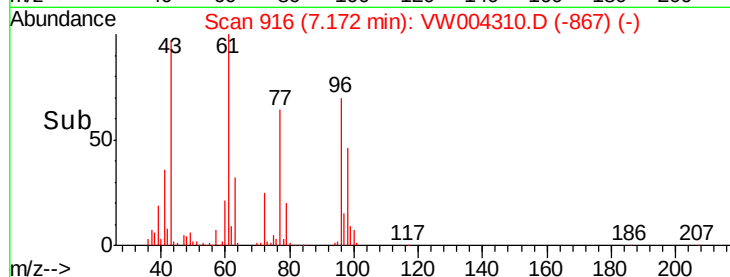
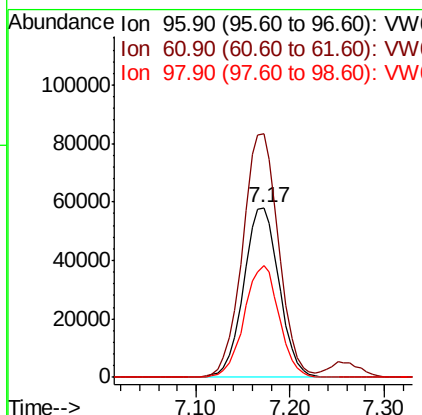
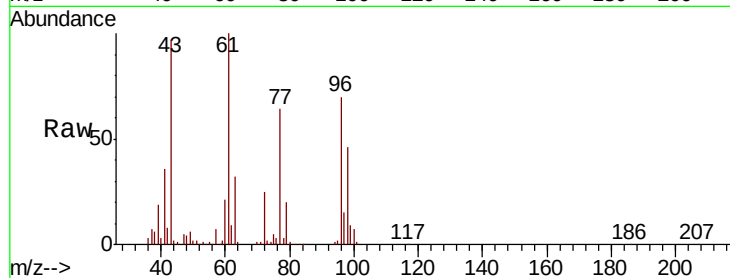


#27

cis-1,2-Dichloroethene
 Concen: 51.651 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampled :

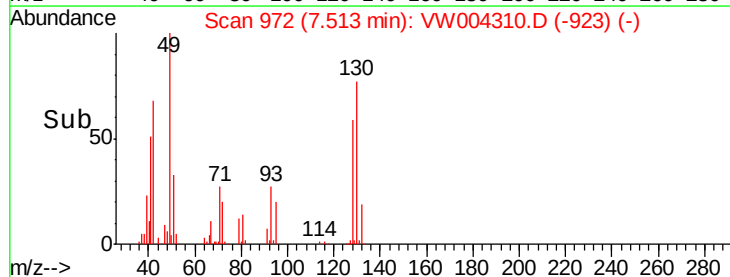
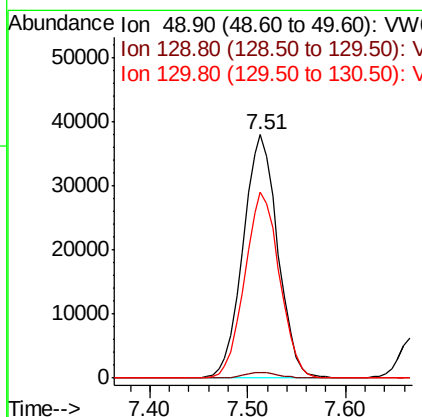
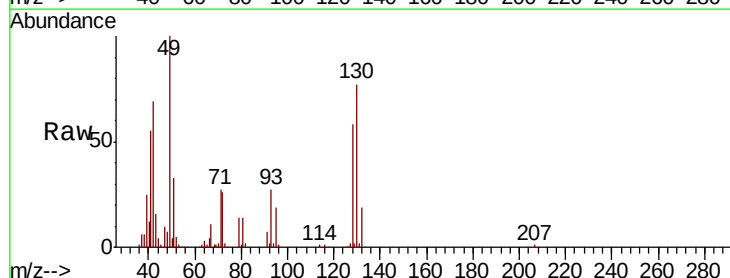
Tot Ion	96	Resp	153106
Ion Ratio	Lower	Upper	
96	100		
61	146.0	0.0	292.0
98	64.8	0.0	129.6

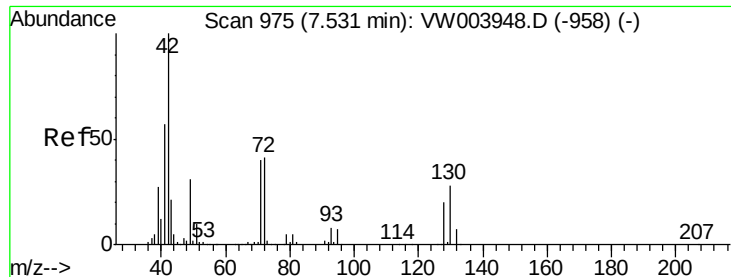


#28

Bromochloromethane
 Concen: 49.928 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	49	Resp	93127
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.6
130	76.9	61.5	92.3

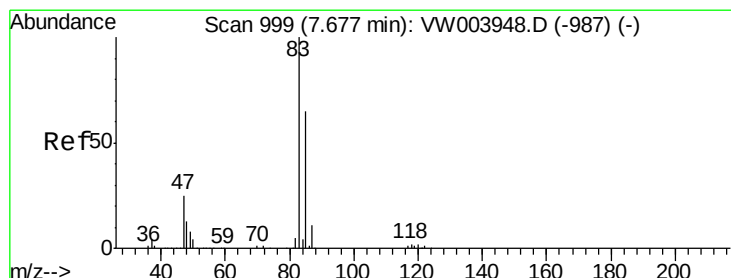
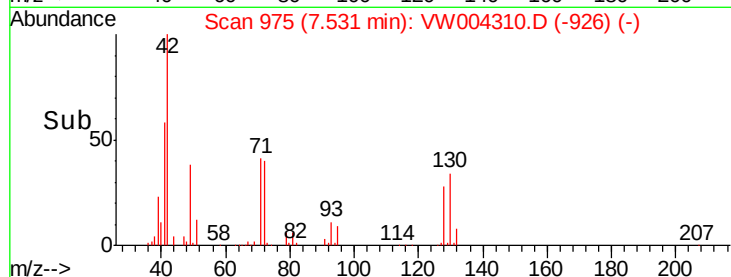
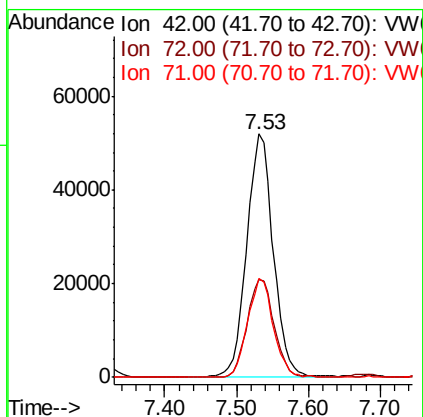
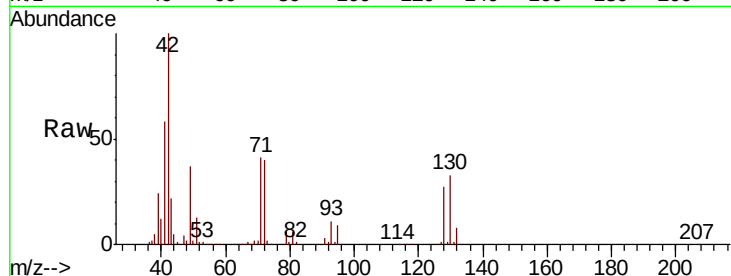




#29
Tetrahydrofuran
Concen: 273.022 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

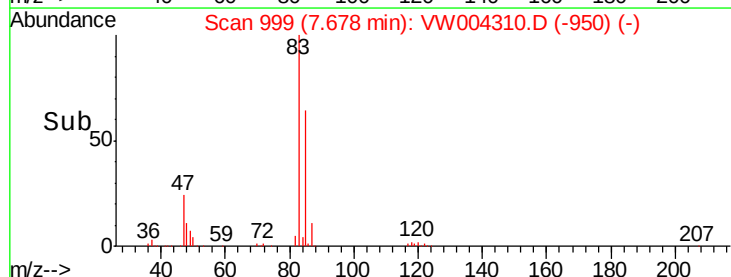
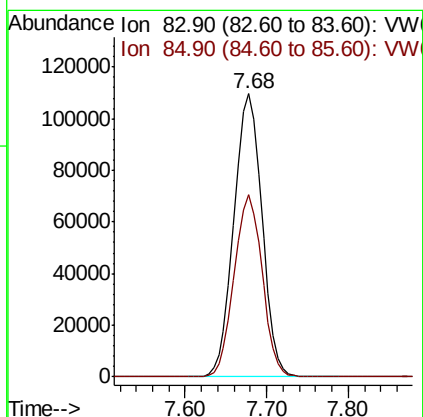
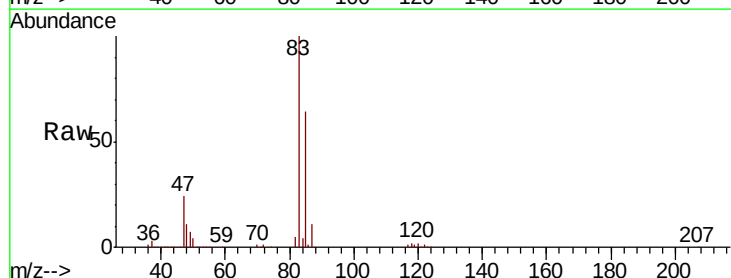
Instrument :
MSVOA_W
ClientSampleId :

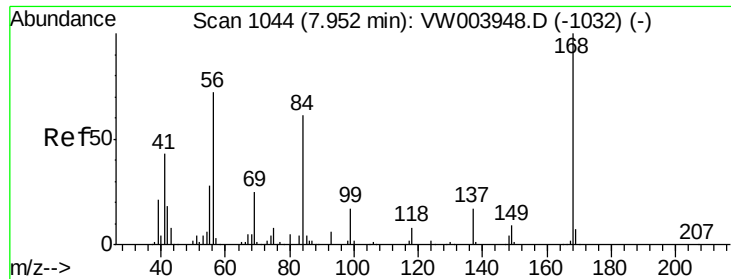
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.6	48.8
71	39.1	31.3	46.9



#30
Chloroform
Concen: 51.331 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3

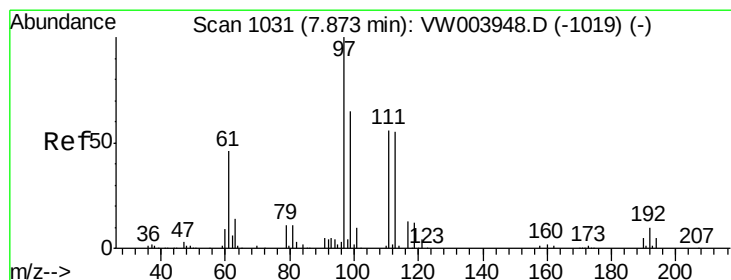
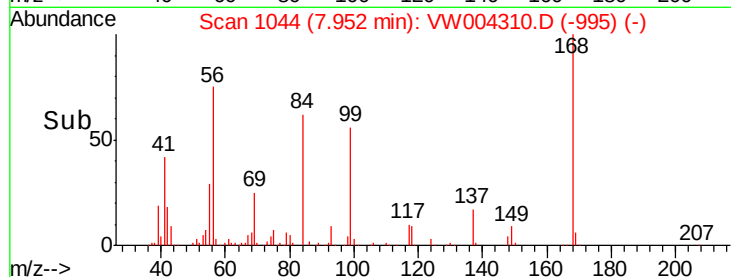
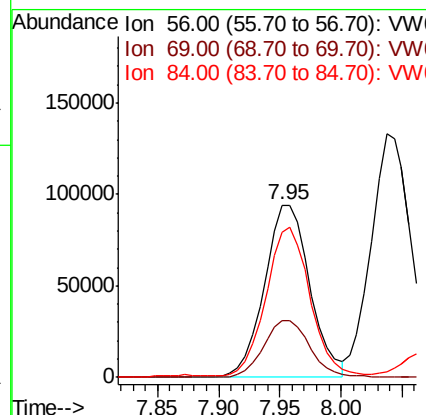
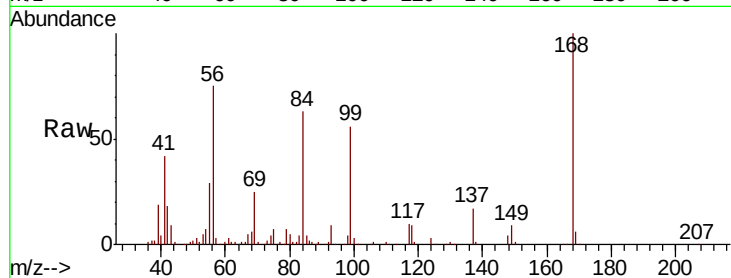




#31
Cyclohexane
Concen: 51.980 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

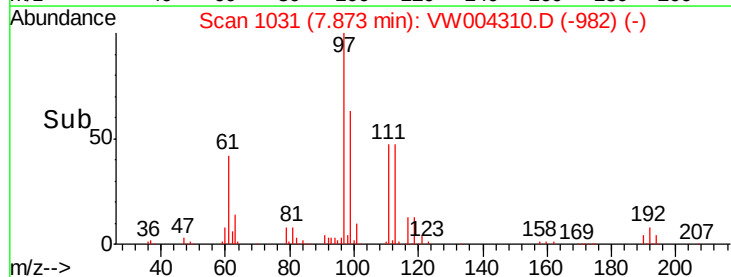
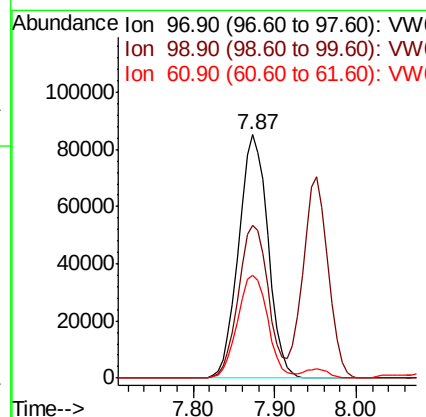
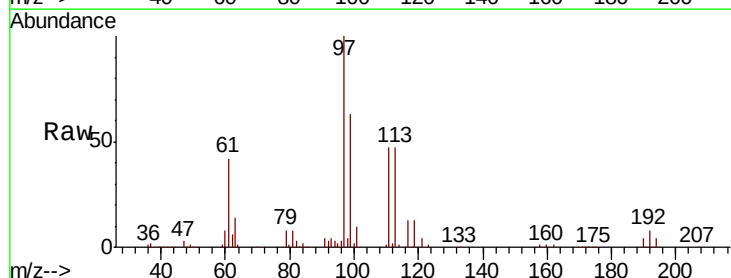
Instrument :
MSVOA_W
ClientSampled :

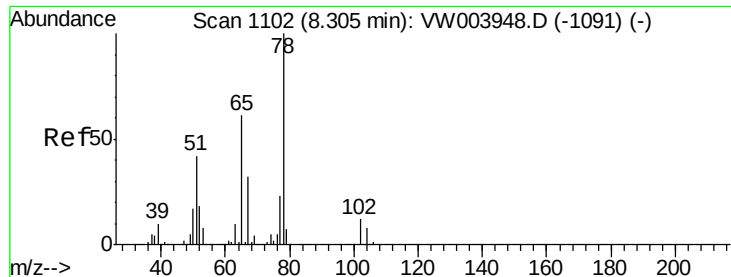
Tot Ion: 56 Resp: 244285
Ion Ratio Lower Upper
56 100
69 32.9 26.3 39.5
84 82.8 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 50.753 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 97 Resp: 211891
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 43.5 34.8 52.2

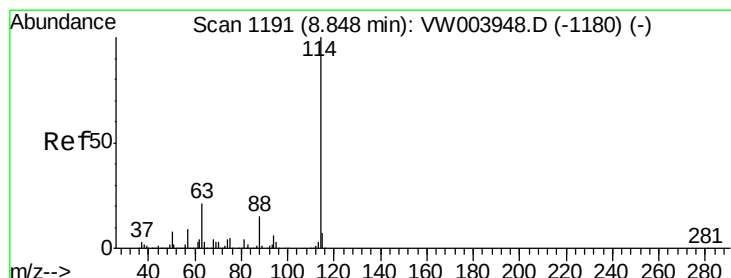
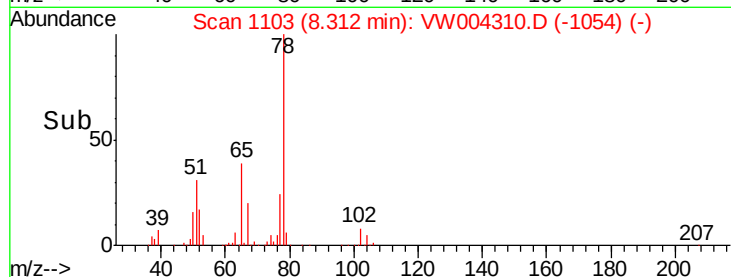
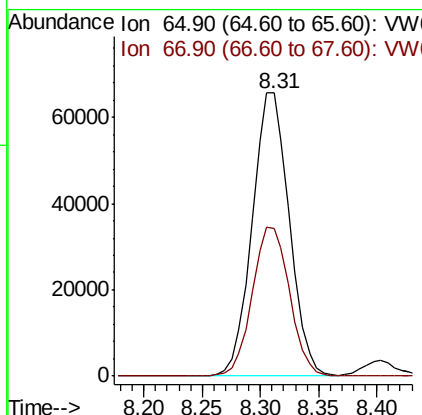
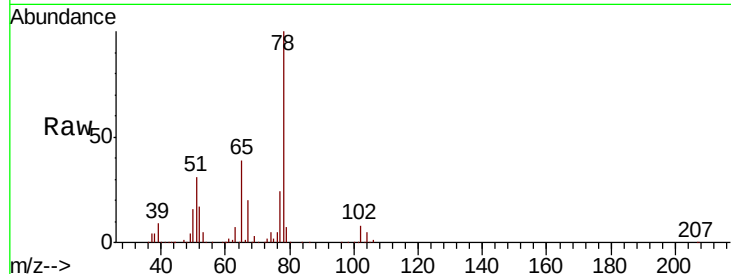




#33
 1,2-Dichloroethane-d4
 Concen: 52.926 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

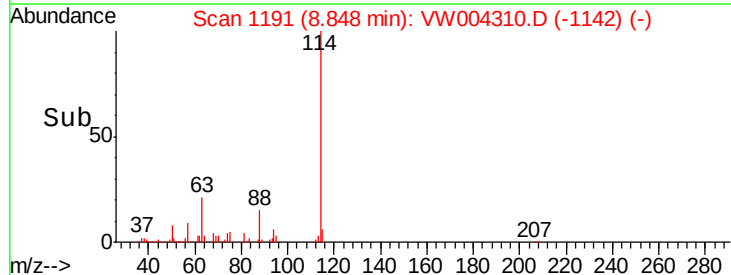
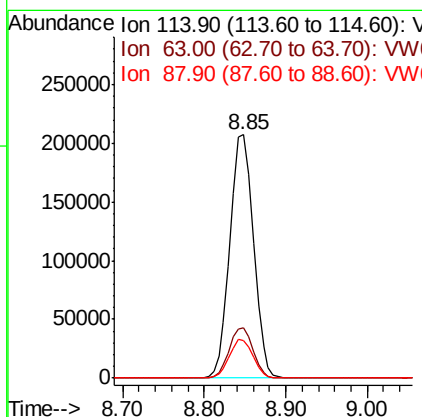
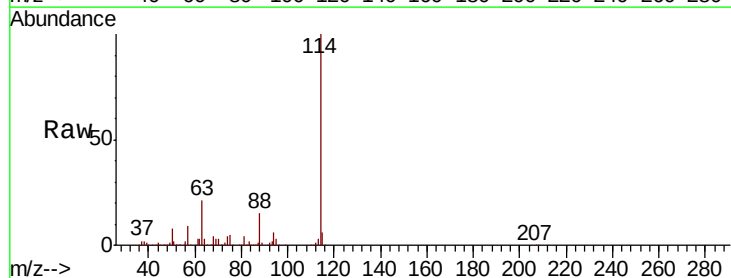
Instrument :
 MSVOA_W
 ClientSampleId :

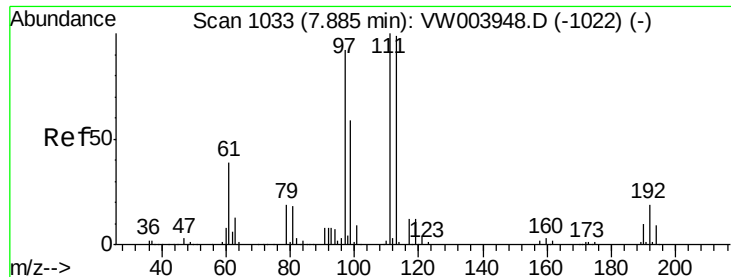
Tot Ion: 65 Resp: 145703
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion: 114 Resp: 414151
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.3 0.0 30.6

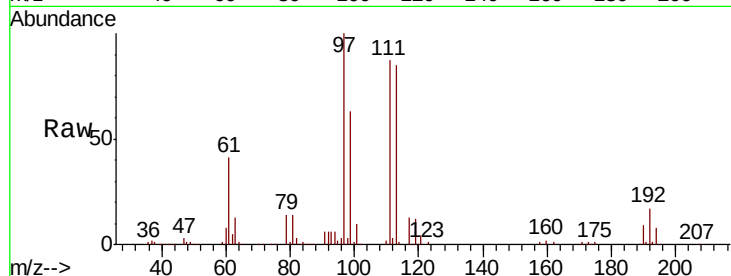




#35
 Dibromofluoromethane
 Concen: 52.283 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.1	123.1
192	20.3	16.2	24.4

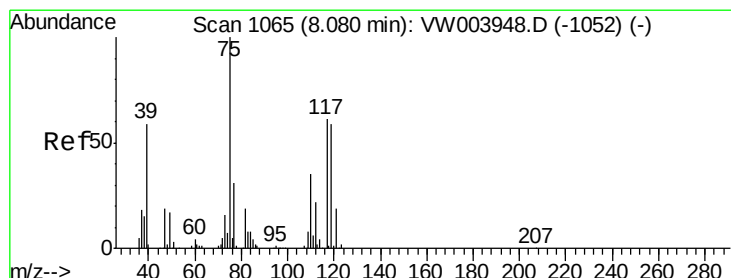
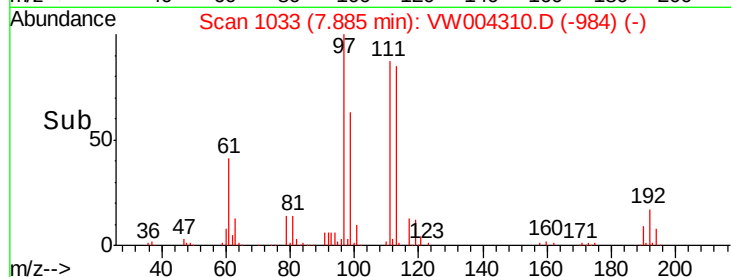
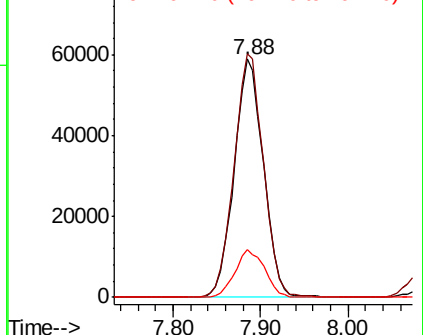


Abundance

Ion 112.80 (112.50 to 113.50): V

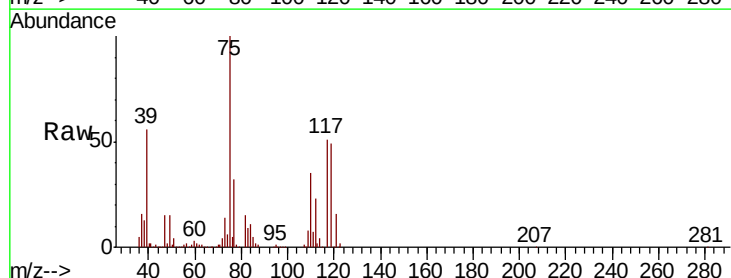
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.707 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.3	52.0
77	31.3	25.0	37.6

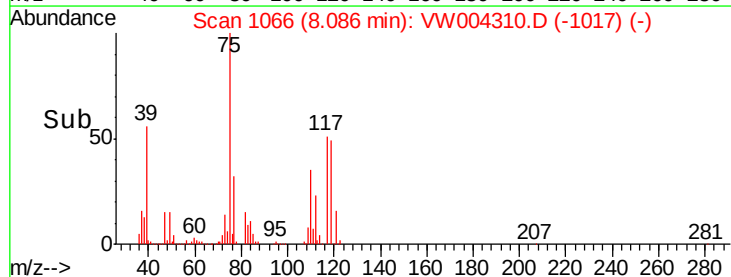
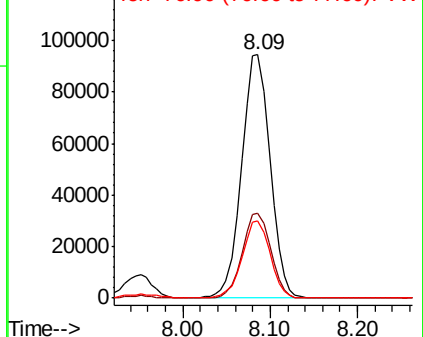


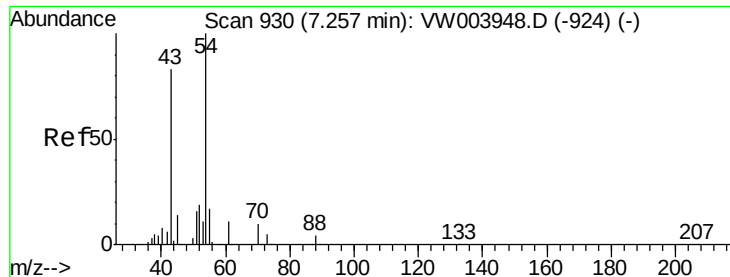
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

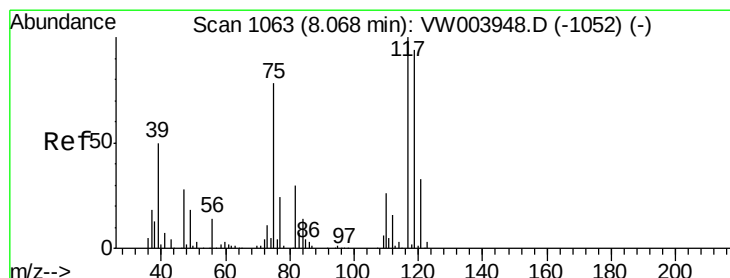
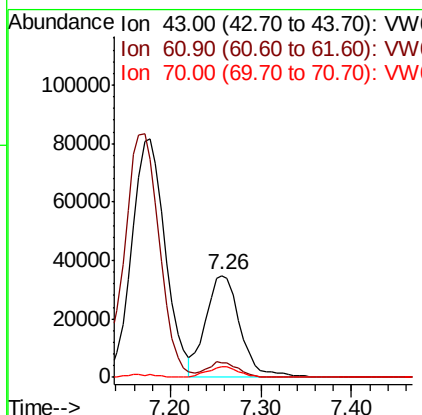
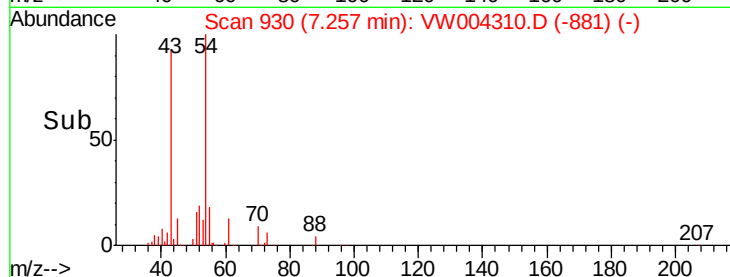
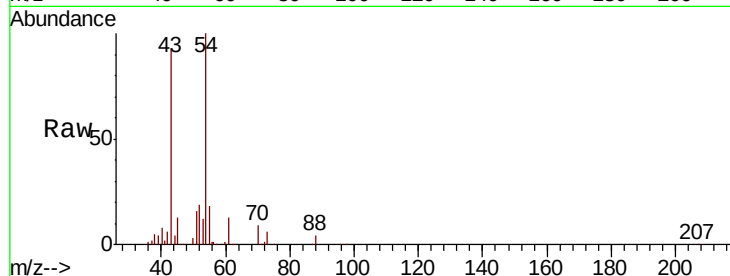




#37
Ethyl Acetate
Concen: 54.100 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

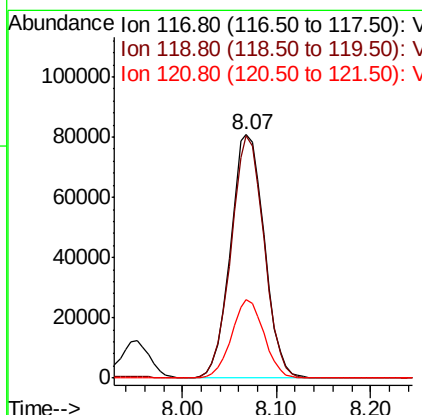
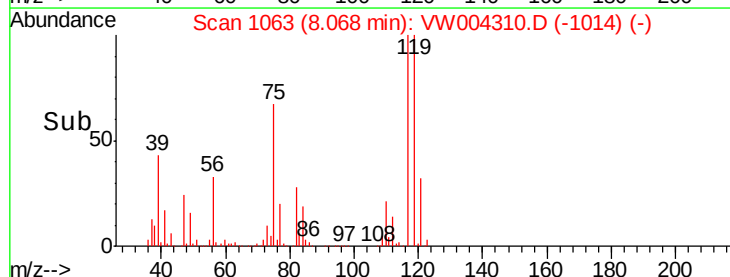
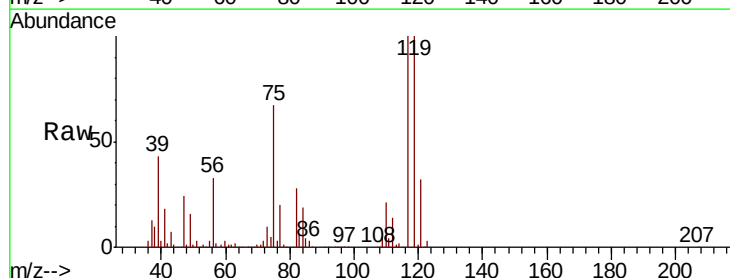
Instrument :
MSVOA_W
ClientSampled :

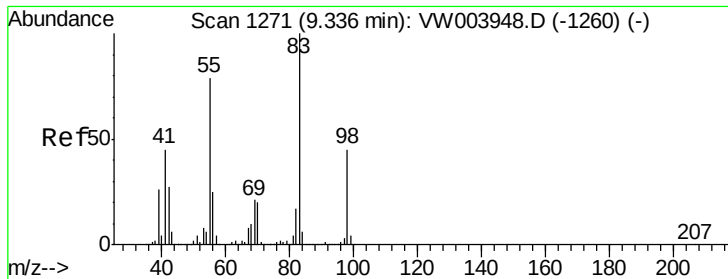
Tot Ion: 43 Resp: 91850
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.7 7.8 11.6



#38
Carbon Tetrachloride
Concen: 49.290 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 117 Resp: 201646
Ion Ratio Lower Upper
117 100
119 99.6 79.7 119.5
121 32.1 25.7 38.5

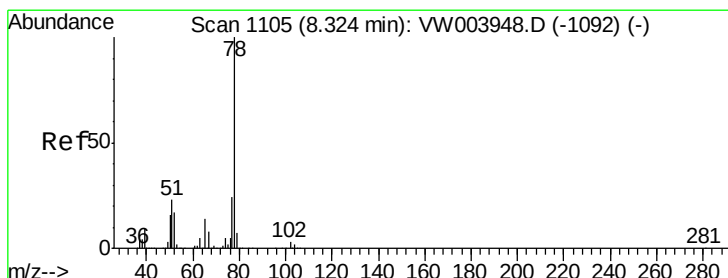
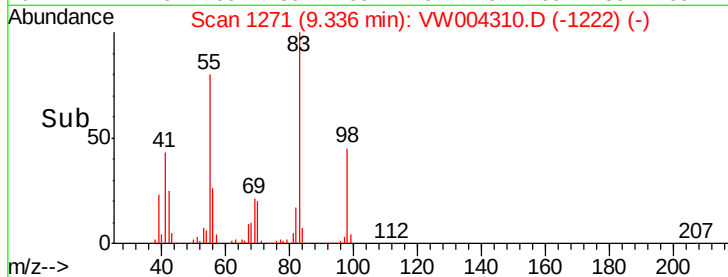
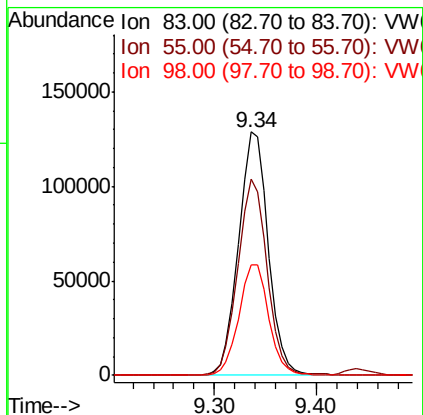
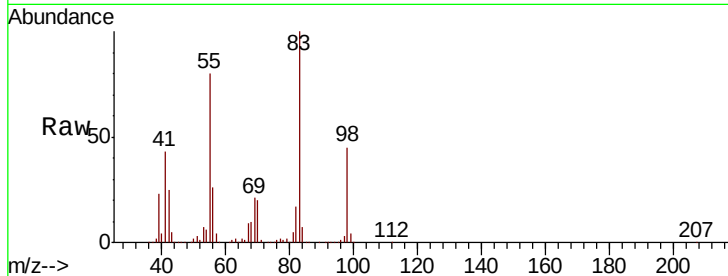




#39
Methylvlcyclohexane
Concen: 52.244 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

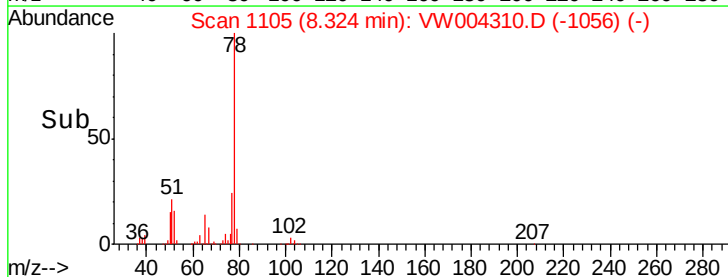
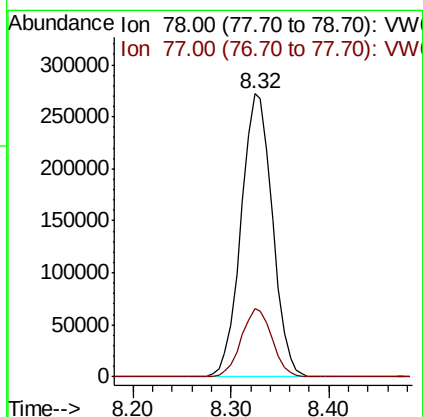
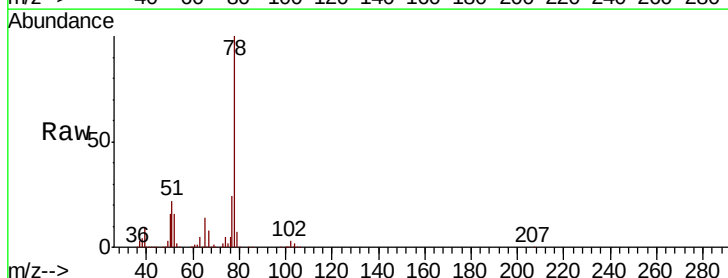
Instrument :
MSVOA_W
ClientSampleId :

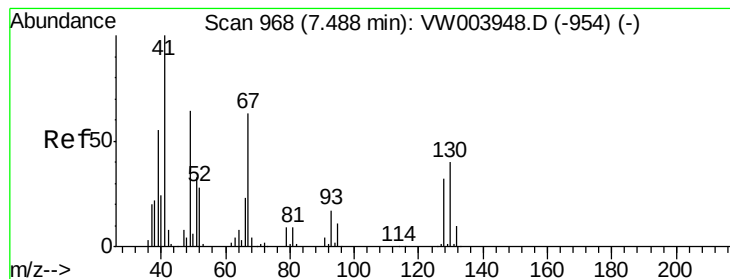
Tot Ion	83	Resp	260830
Ion Ratio	Lower	Upper	
83	100		
55	80.4	64.3	96.5
98	45.4	36.3	54.5



#40
Benzene
Concen: 51.737 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion	78	Resp	603004
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.4	29.0





#41

Methacrylonitrile

Concen: 56.953 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 55831

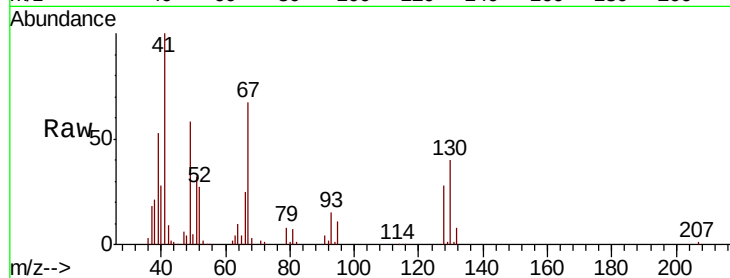
Ion Ratio Lower Upper

41 100

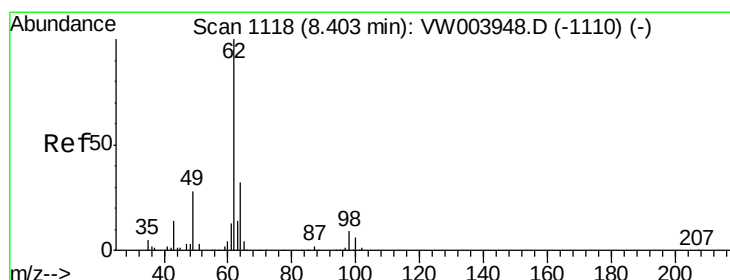
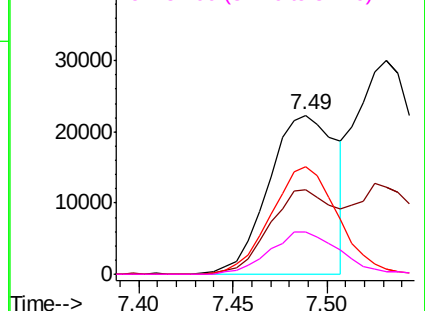
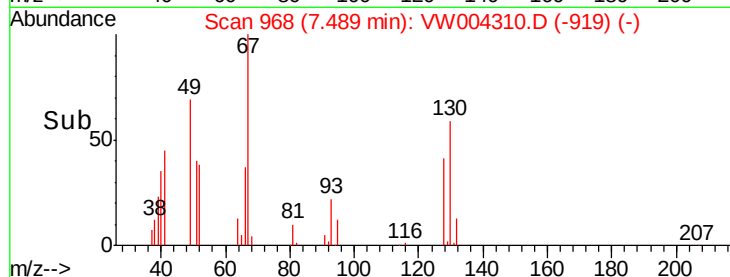
39 51.5 41.2 61.8

67 66.7 53.4 80.0

52 28.0 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: 50.743 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW004310.D

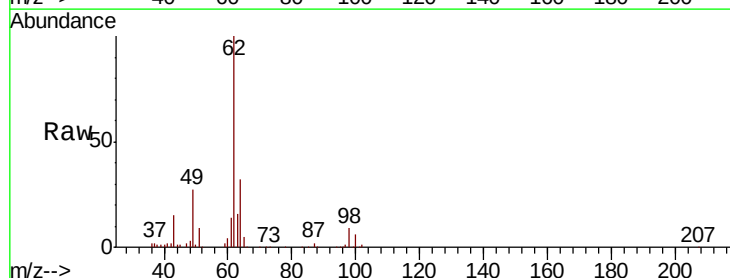
Acq: 29 Jul 2018 13:04

Tgt Ion: 62 Resp: 169085

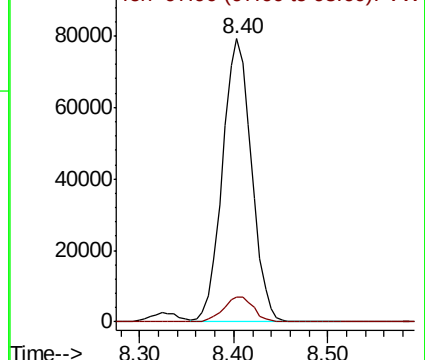
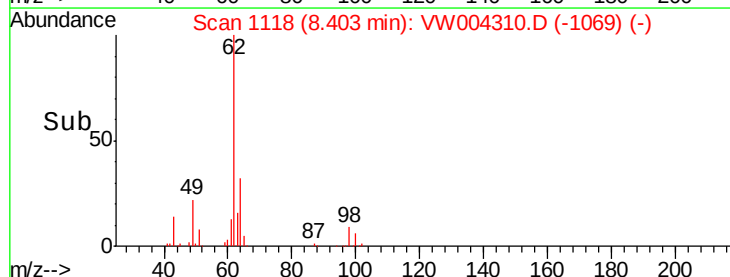
Ion Ratio Lower Upper

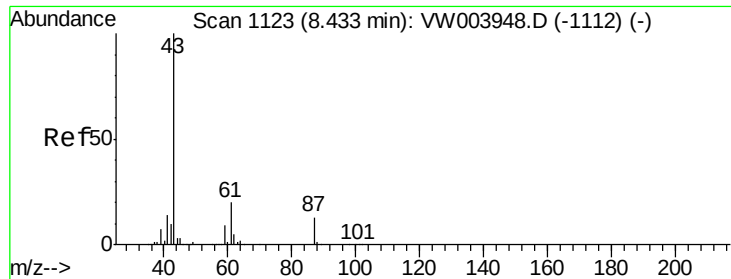
62 100

98 9.2 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: 54.954 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampleId :

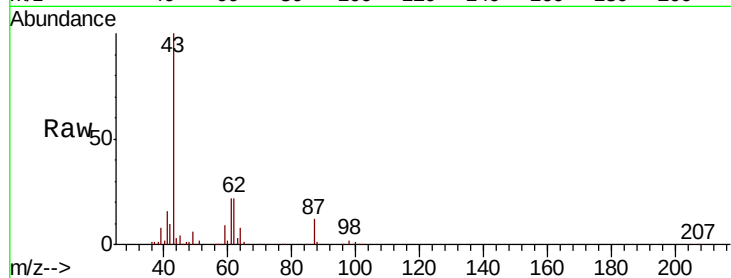
Tot Ion: 43 Resp: 168154

Ion Ratio Lower Upper

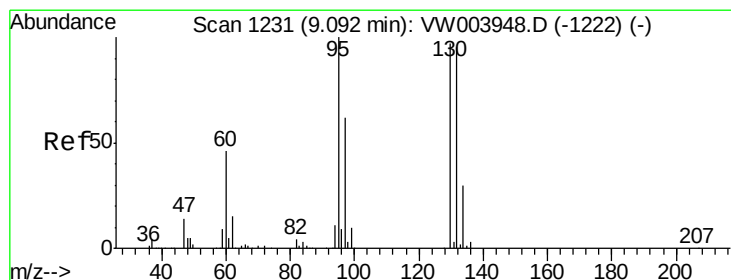
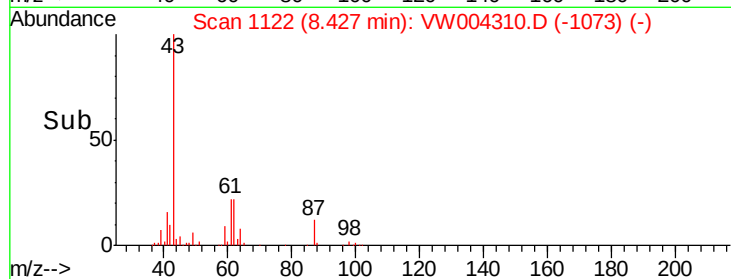
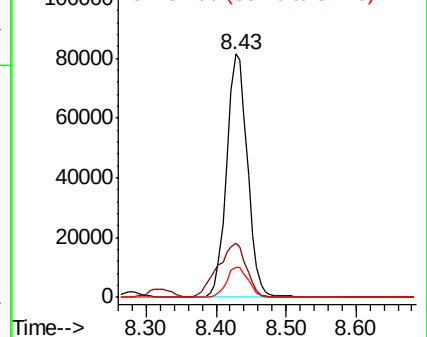
43 100

61 30.6 24.5 36.7

87 13.0 10.4 15.6



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



#44

Trichloroethene

Concen: 49.762 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004310.D

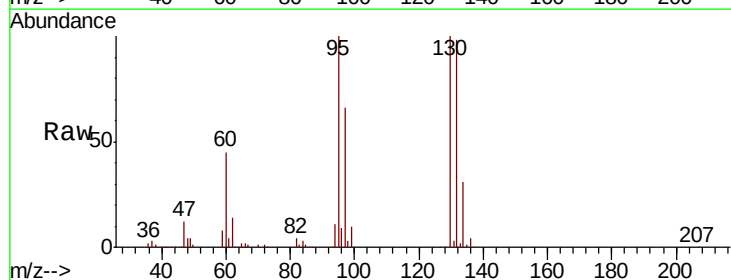
Acq: 29 Jul 2018 13:04

Tgt Ion:130 Resp: 156583

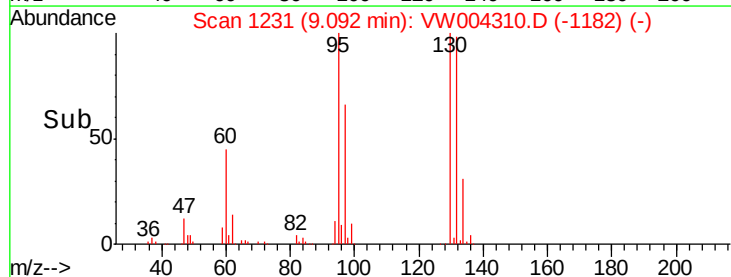
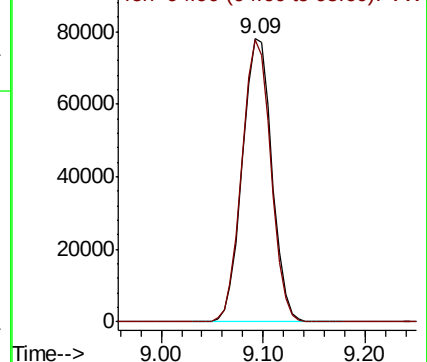
Ion Ratio Lower Upper

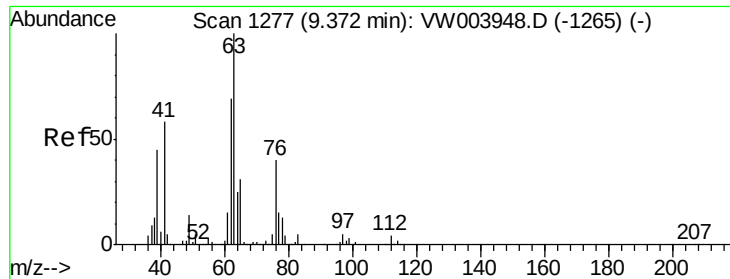
130 100

95 99.7 0.0 199.4



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

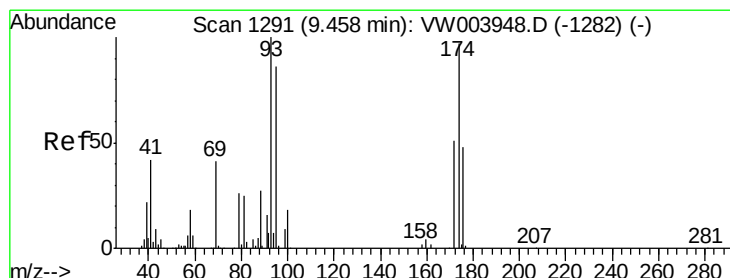
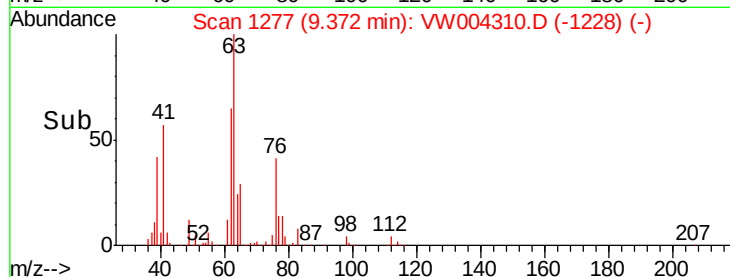
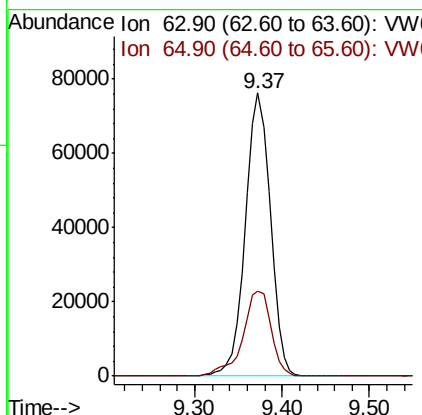
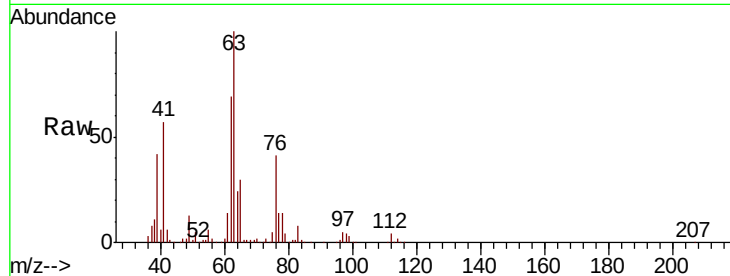




#45
 1,2-Dichloropropane
 Concen: 52.322 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

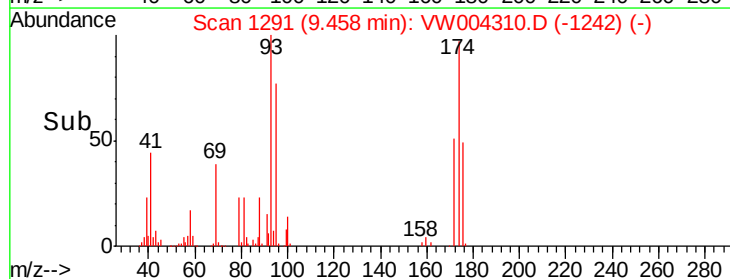
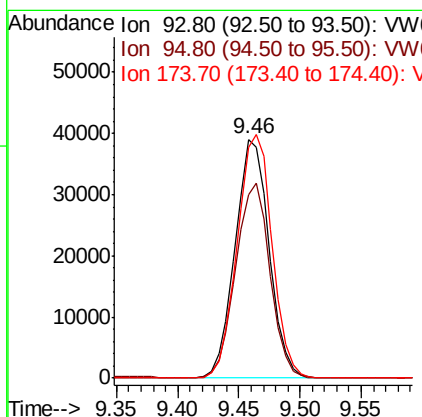
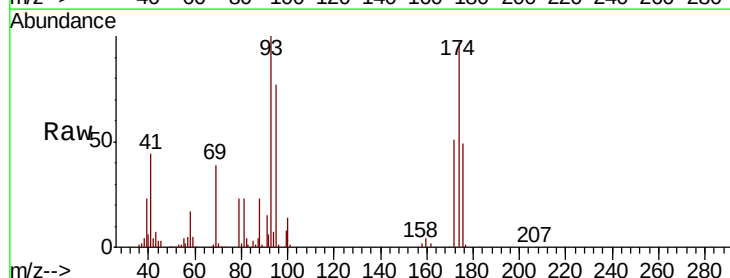
Instrument :
 MSVOA_W
 ClientSampleId :

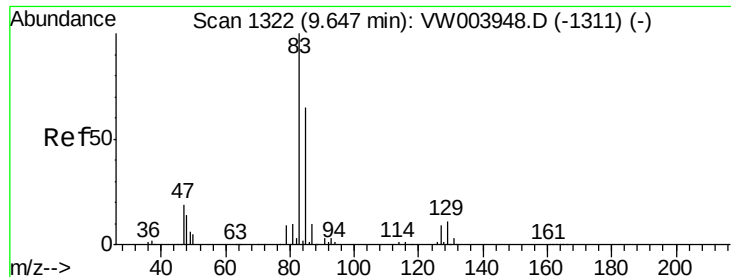
Tot Ion: 63 Resp: 151326
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.9 35.9



#46
 Dibromomethane
 Concen: 51.013 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion: 93 Resp: 75339
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 104.6 83.7 125.5

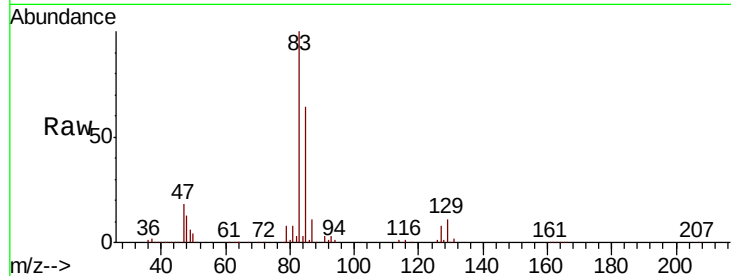




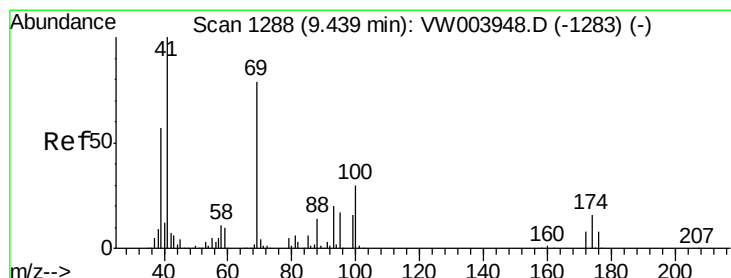
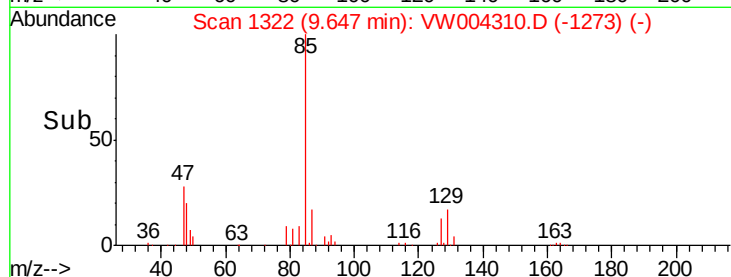
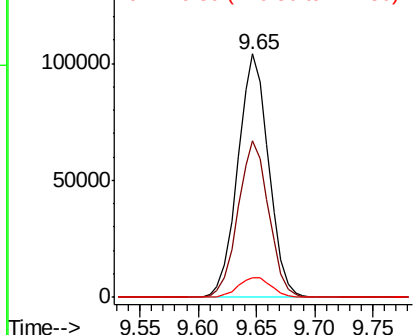
#47
Bromodichloromethane
Concen: 51.211 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 191832
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9
127 8.2 6.6 9.8

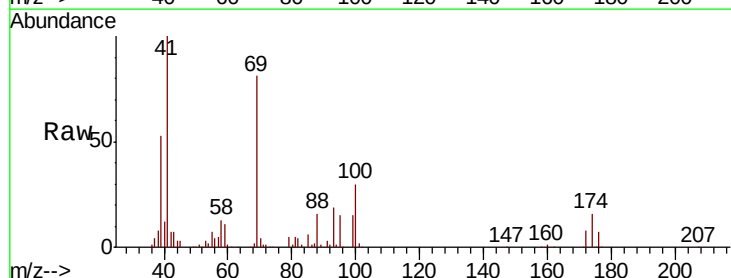


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

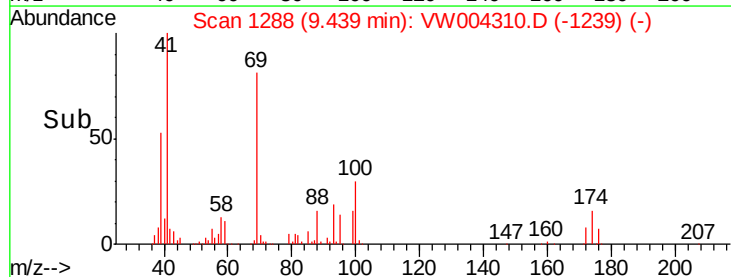
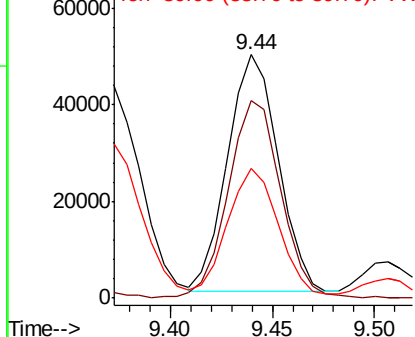


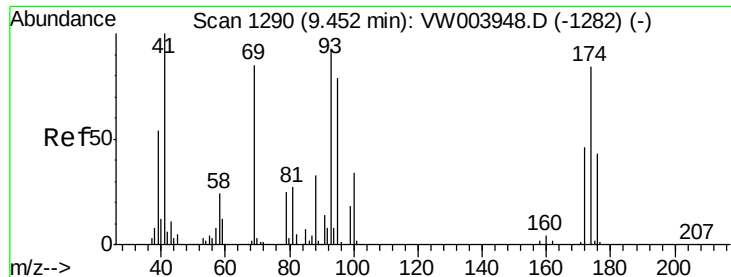
#48
Methyl methacrylate
Concen: 54.145 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 41 Resp: 84379
Ion Ratio Lower Upper
41 100
69 87.1 69.7 104.5
39 52.3 41.8 62.8



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





#49

1,4-Dioxane

Concen: 1026.111 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :

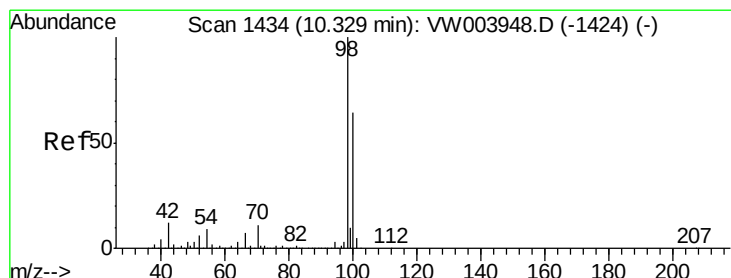
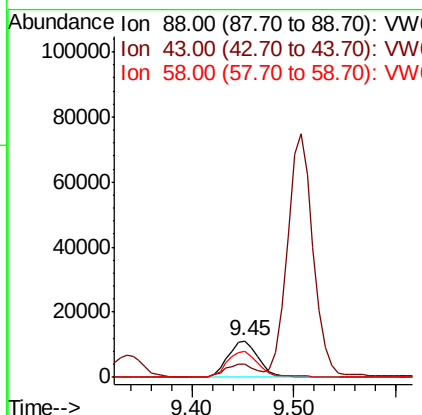
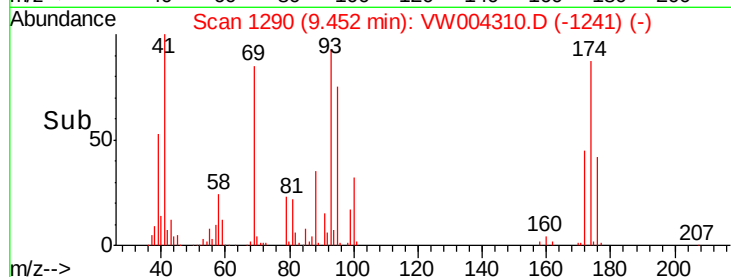
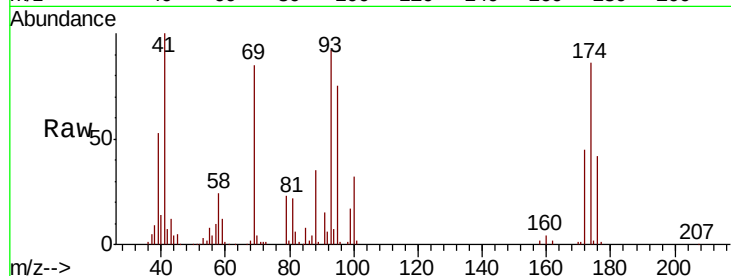
Tot Ion: 88 Resp: 22973

Ion Ratio Lower Upper

88 100

43 35.4 28.3 42.5

58 75.3 60.2 90.4



#50

Toluene-d8

Concen: 53.272 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004310.D

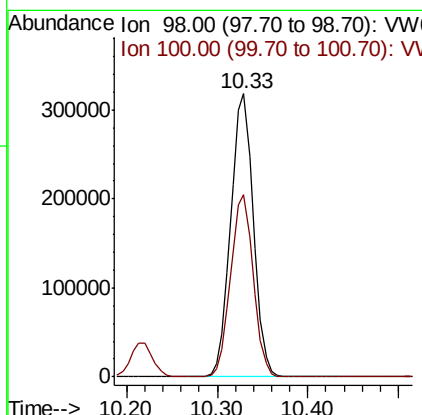
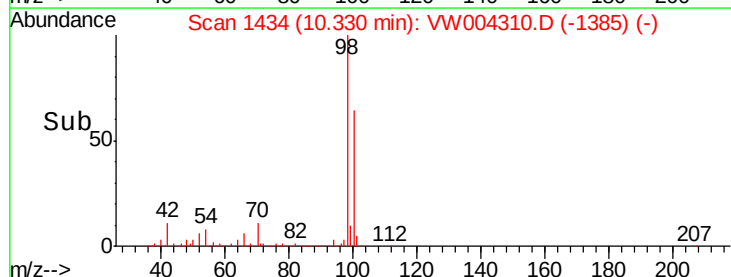
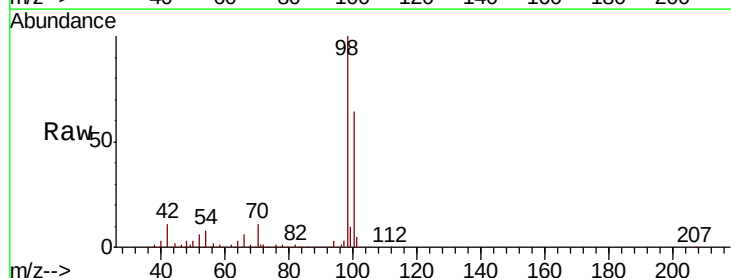
Acq: 29 Jul 2018 13:04

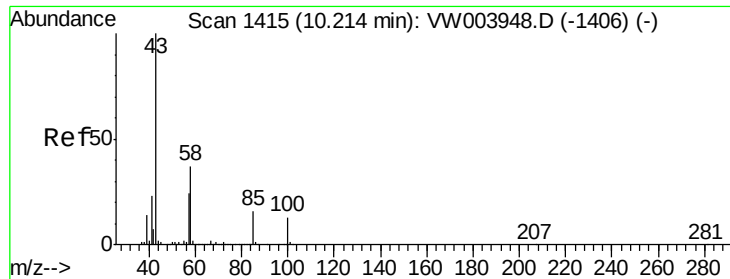
Tgt Ion: 98 Resp: 551024

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 271.576 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

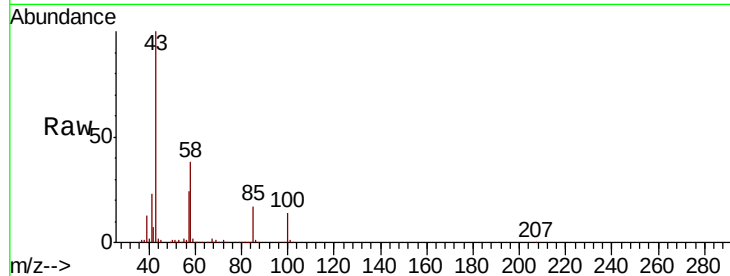
ClientSampled :

Tot Ion: 43 Resp: 456069

Ion Ratio Lower Upper

43 100

58 38.2 30.6 45.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

250000

200000

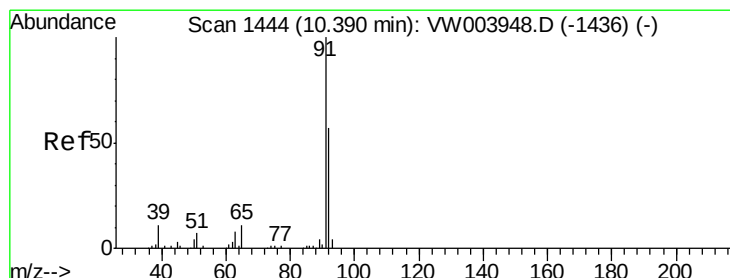
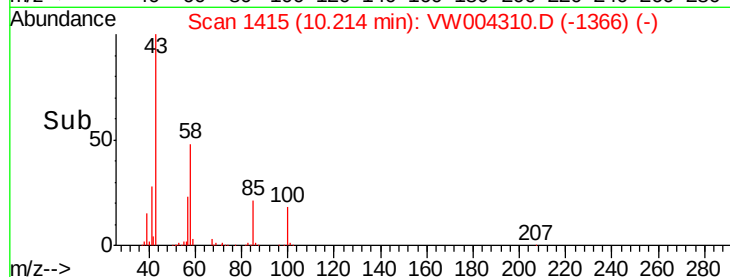
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 51.141 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004310.D

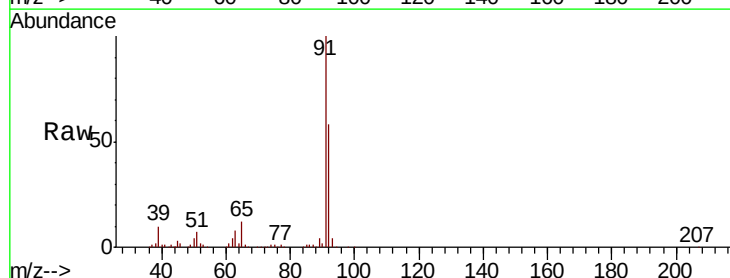
Acq: 29 Jul 2018 13:04

Tgt Ion: 92 Resp: 374237

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

400000

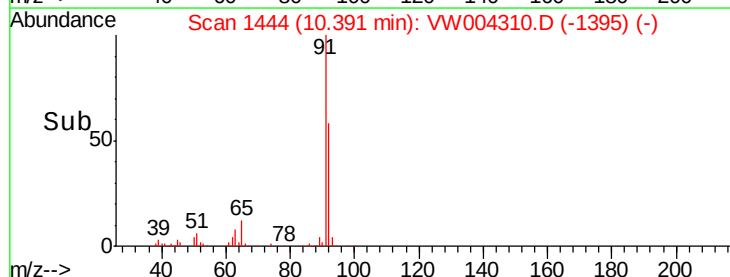
300000

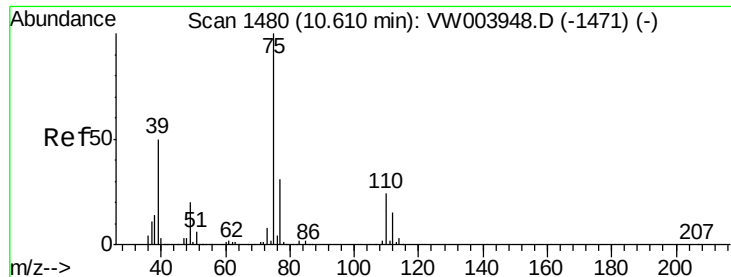
200000

100000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 52.357 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

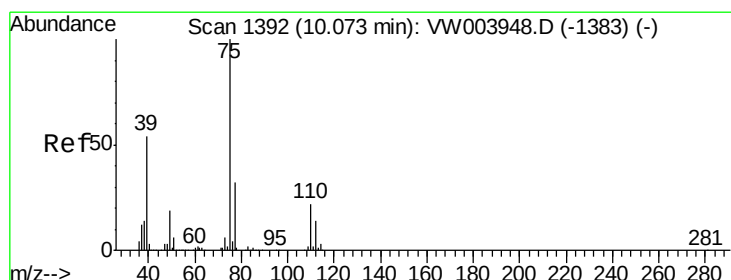
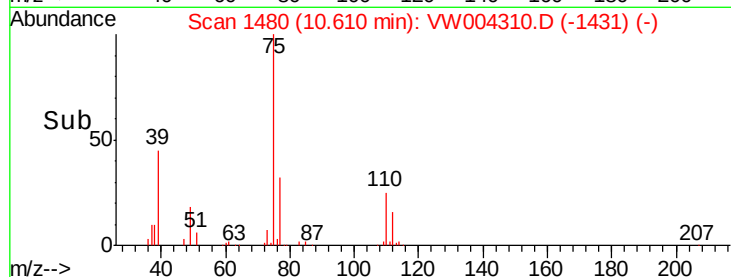
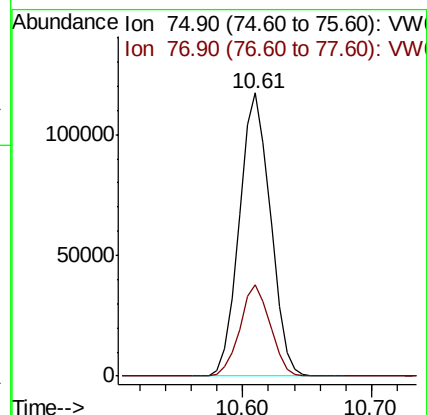
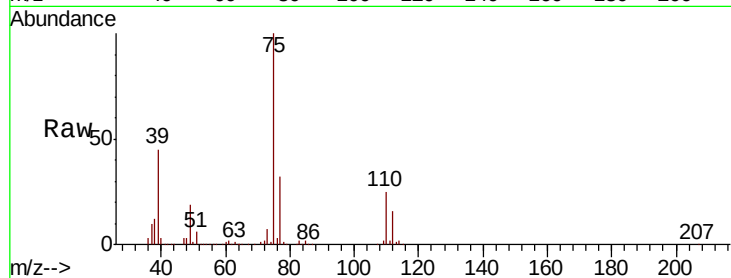
ClientSampled :

Tot Ion: 75 Resp: 196432

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 52.616 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

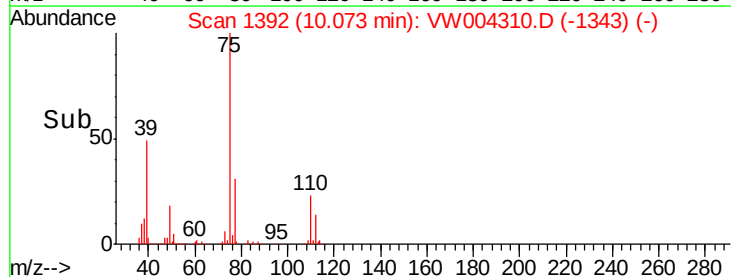
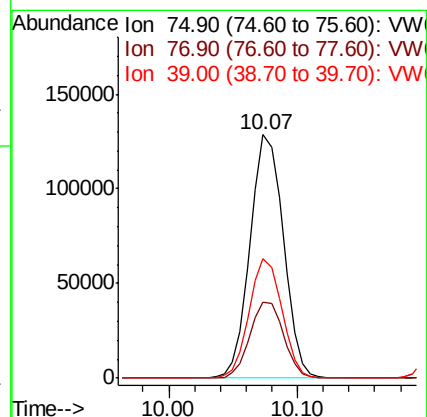
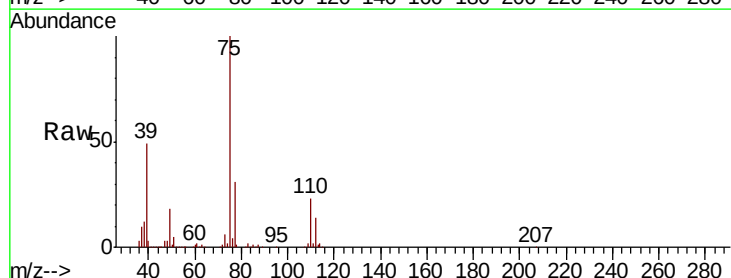
Tgt Ion: 75 Resp: 230136

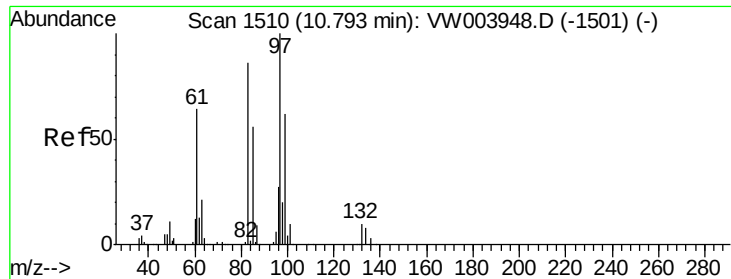
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 48.8 39.0 58.6

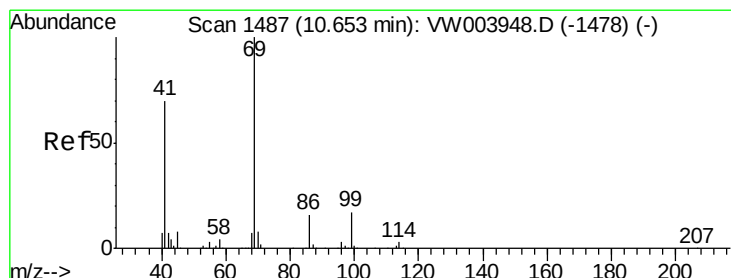
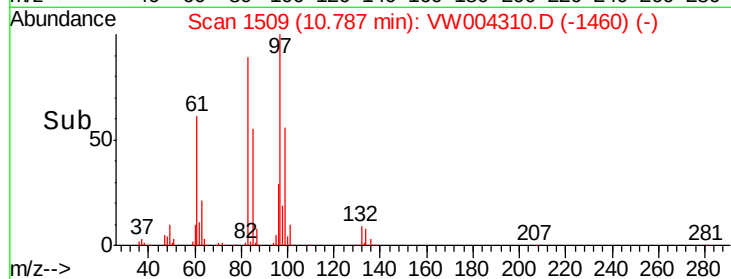
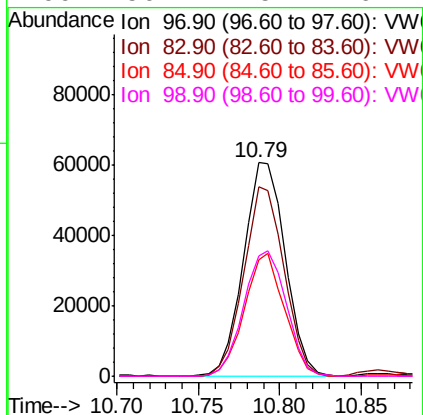
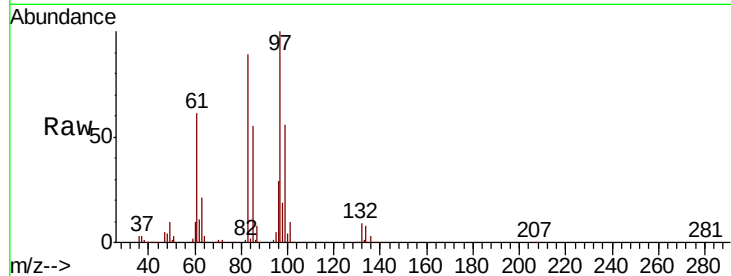




#55
 1,1,2-Trichloroethane
 Concen: 51.395 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

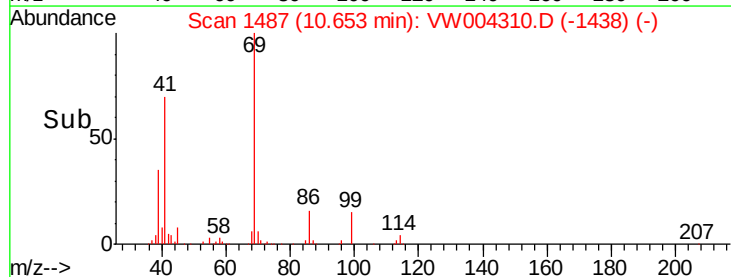
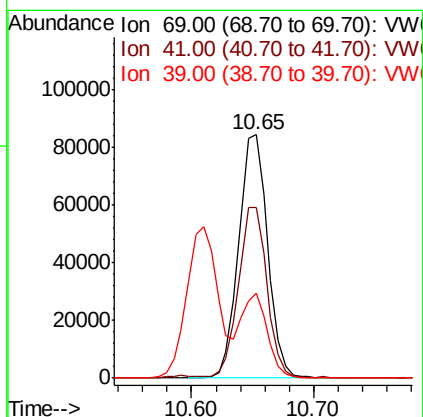
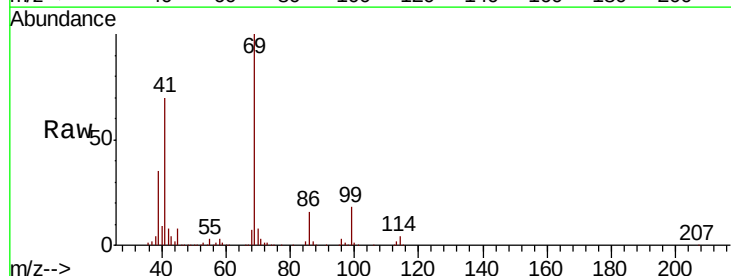
Instrument :
 MSVOA_W
 ClientSampled :

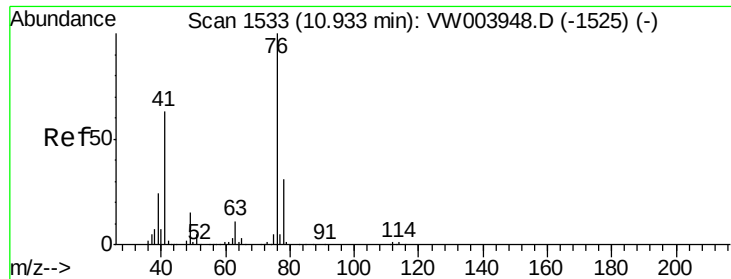
Tot Ion:	97	Resp:	108146
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.8	106.2
85	54.6	43.7	65.5
99	56.4	45.1	67.7



#56
 Ethyl methacrylate
 Concen: 54.491 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion:	69	Resp:	138753
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.7	82.1
39	30.5	24.4	36.6

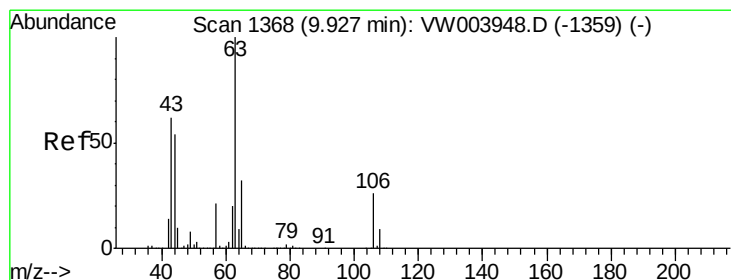
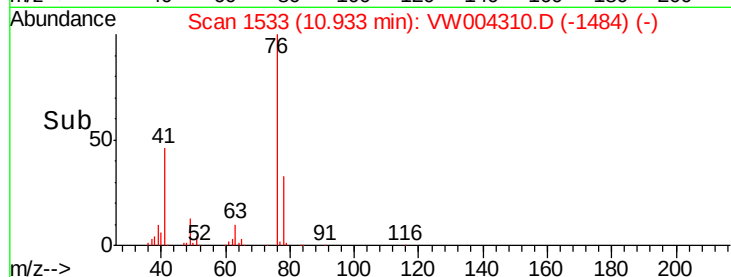
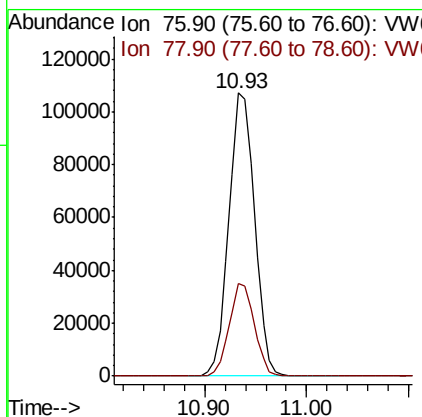
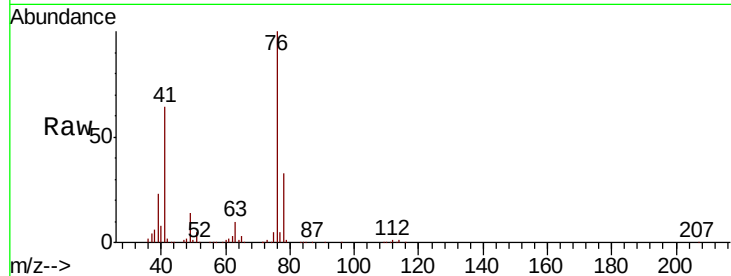




#57
 1,3-Dichloropropane
 Concen: 51.855 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

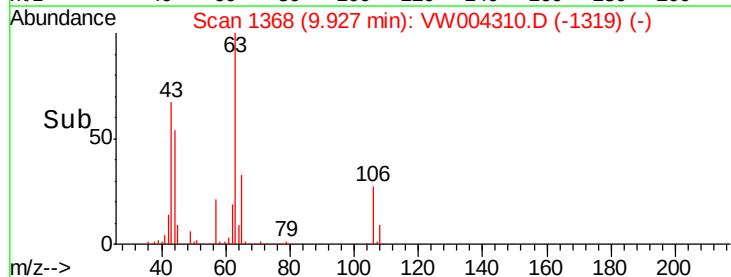
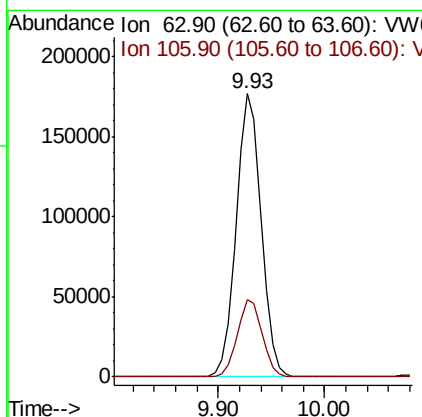
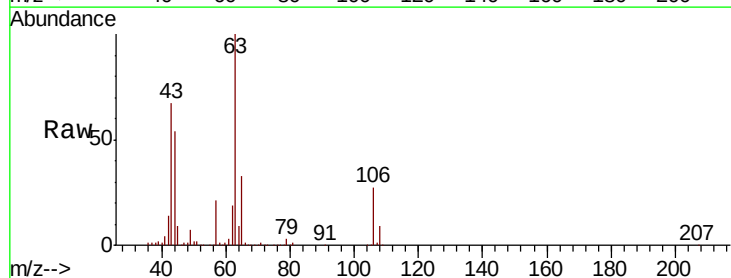
Instrument :
 MSVOA_W
 ClientSampled :

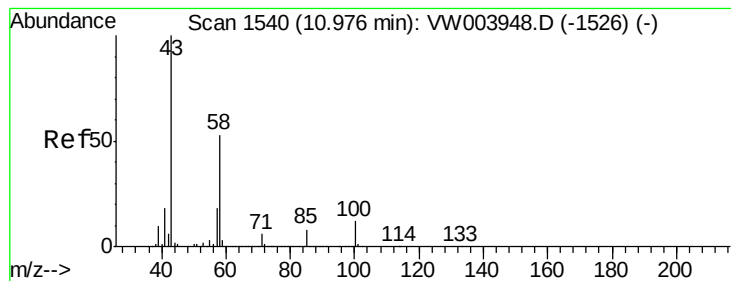
Tot Ion: 76 Resp: 185898
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.319 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion: 63 Resp: 291065
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.9 32.9





#59

2-Hexanone

Concen: 273.911 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

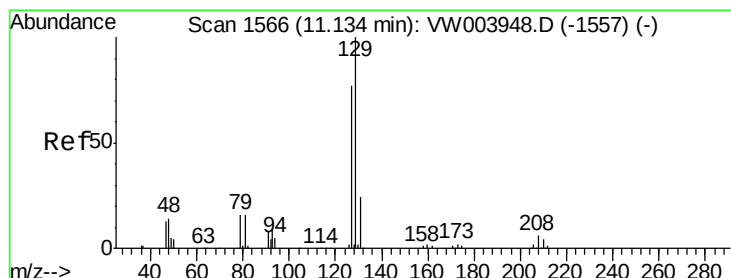
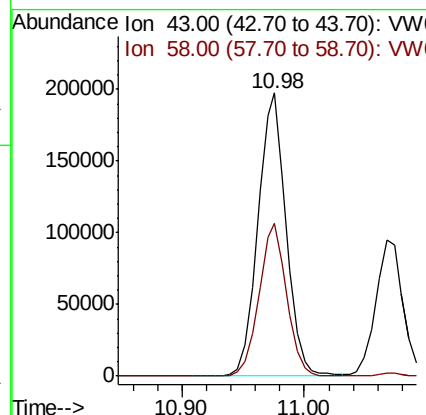
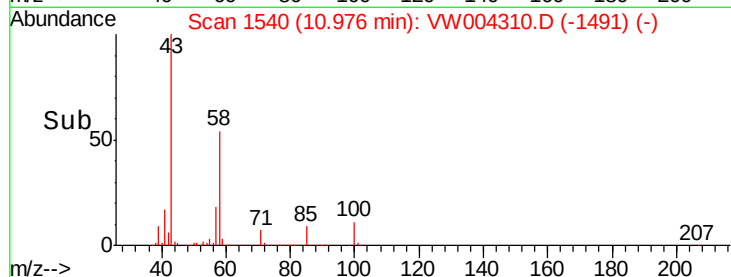
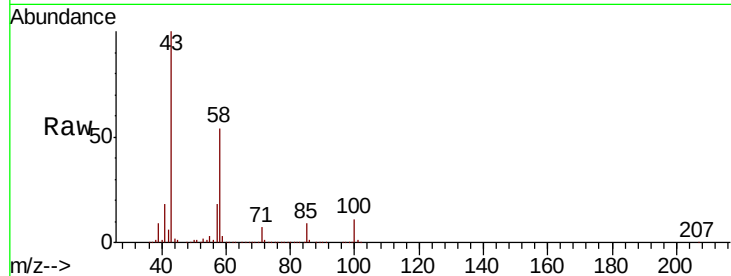
ClientSampled :

Tot Ion: 43 Resp: 315847

Ion Ratio Lower Upper

43 100

58 52.9 26.5 79.4



#60

Dibromochloromethane

Concen: 49.824 ug/l

RT: 11.13 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VW004310.D

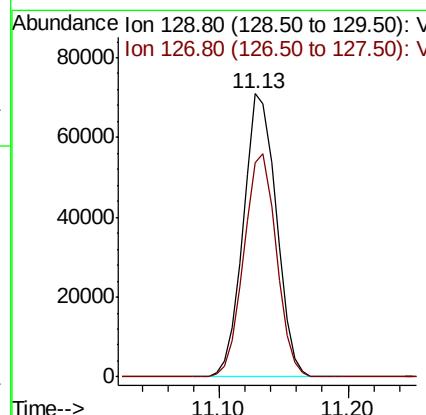
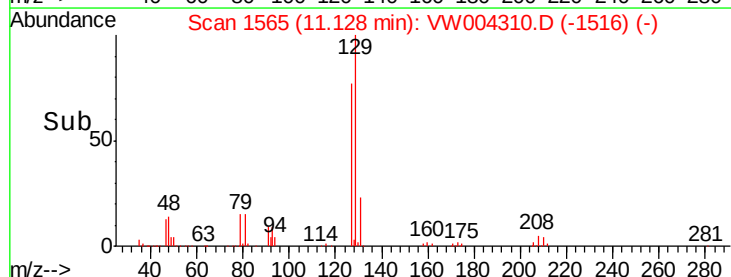
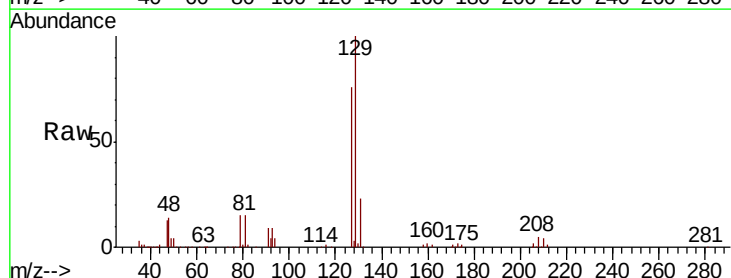
Acq: 29 Jul 2018 13:04

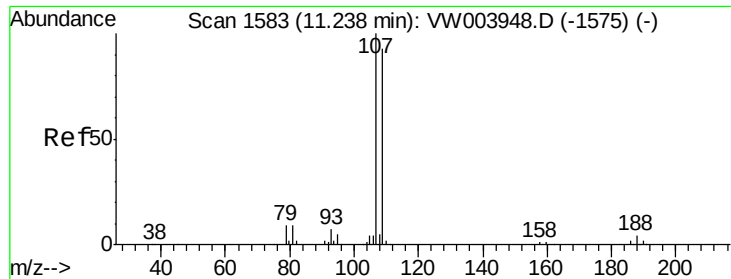
Tgt Ion:129 Resp: 125446

Ion Ratio Lower Upper

129 100

127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.748 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

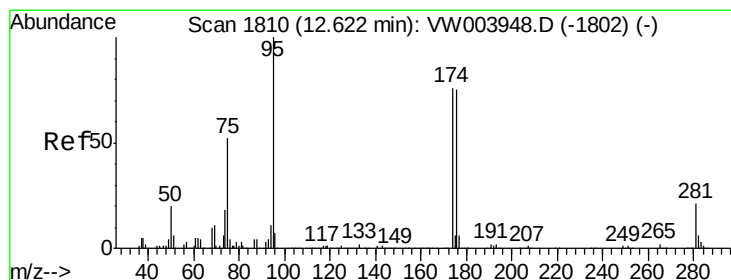
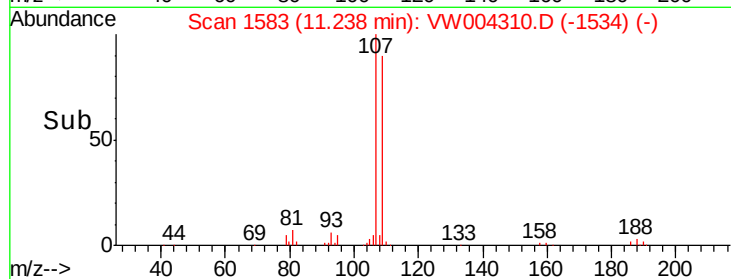
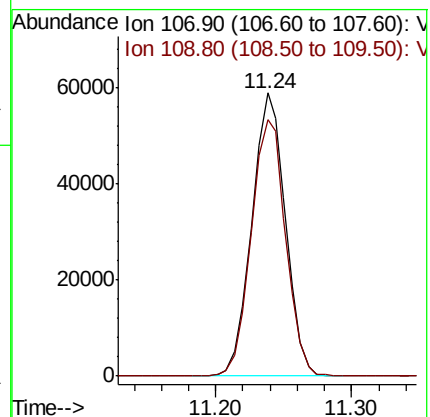
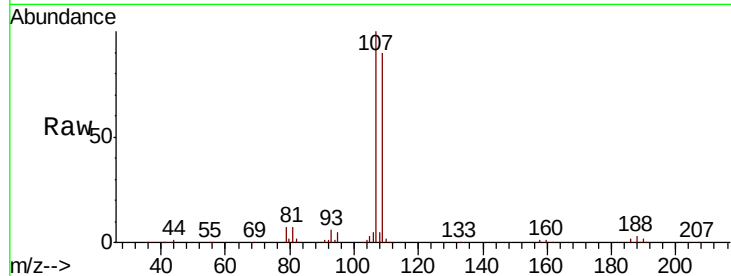
ClientSampleId :

Tot Ion:107 Resp: 101829

Ion Ratio Lower Upper

107 100

109 93.3 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 52.023 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

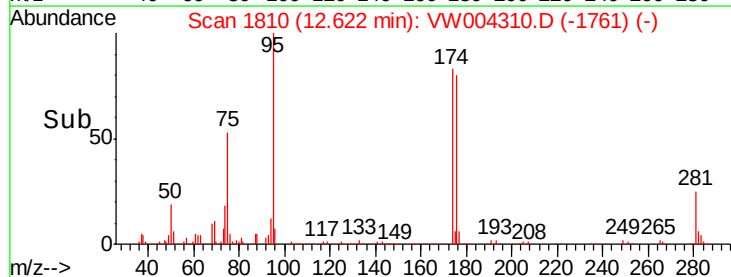
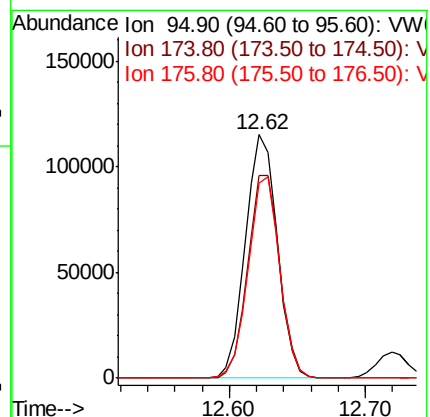
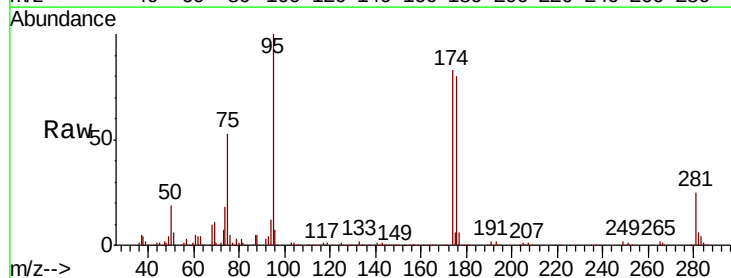
Tgt Ion: 95 Resp: 189468

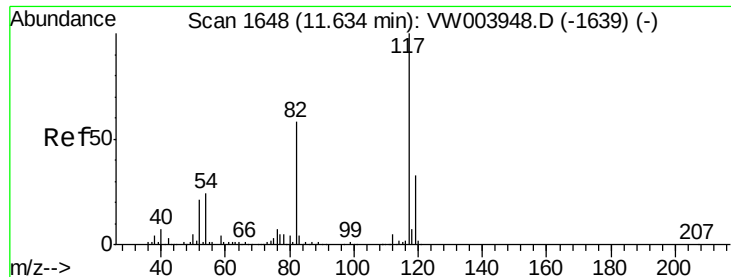
Ion Ratio Lower Upper

95 100

174 83.9 0.0 167.8

176 81.2 0.0 162.4

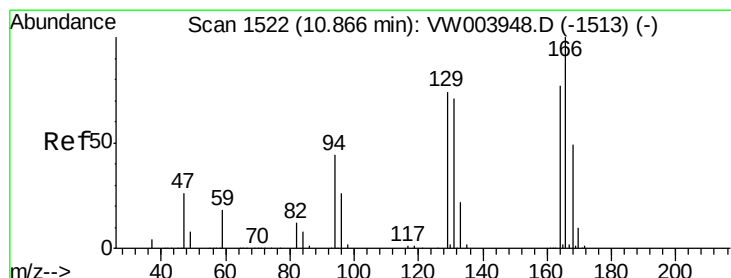
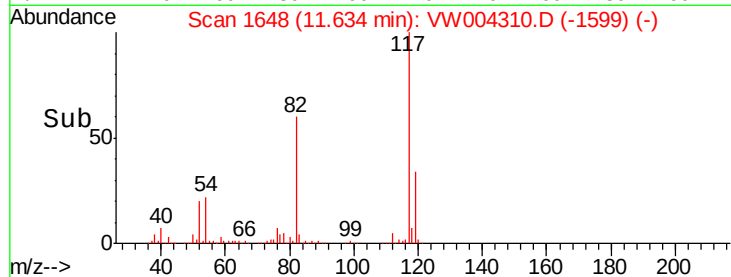
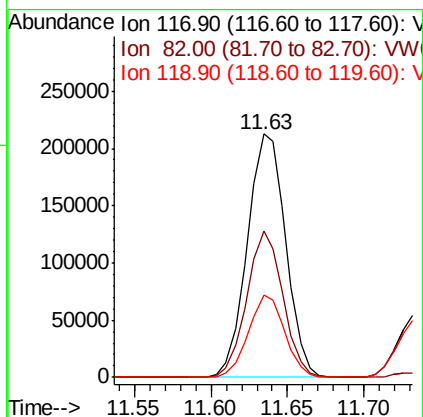
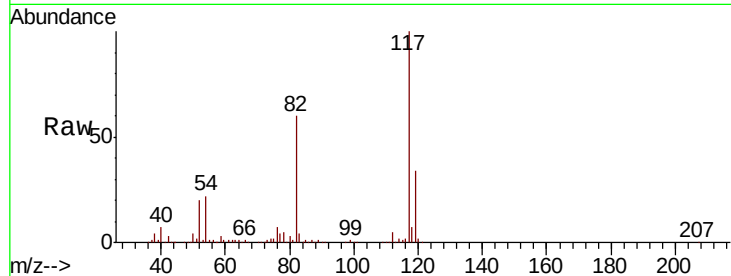




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

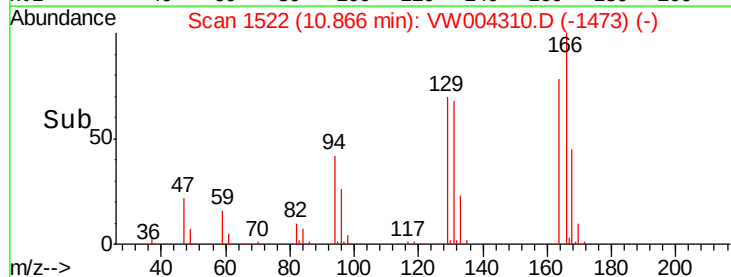
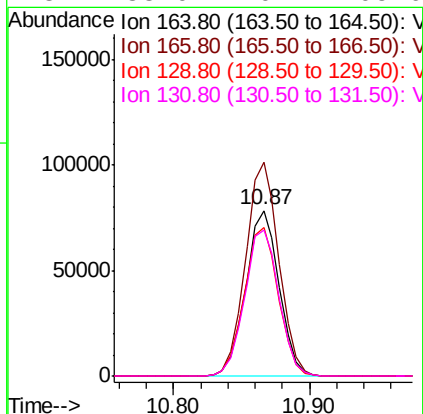
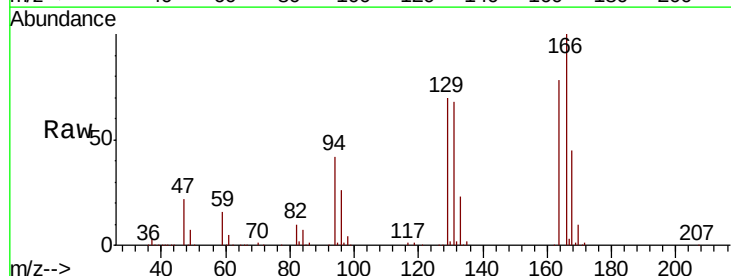
Instrument :
MSVOA_W
ClientSampleId :

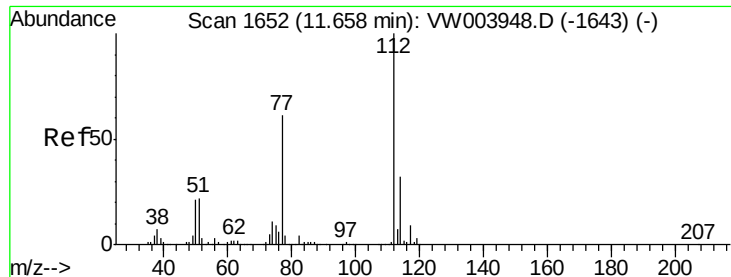
Tot Ion:117 Resp: 370843
Ion Ratio Lower Upper
117 100
82 59.9 47.9 71.9
119 33.9 27.1 40.7



#64
Tetrachloroethene
Concen: 49.338 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion:164 Resp: 134047
Ion Ratio Lower Upper
164 100
166 129.0 103.2 154.8
129 90.1 72.1 108.1
131 88.0 70.4 105.6

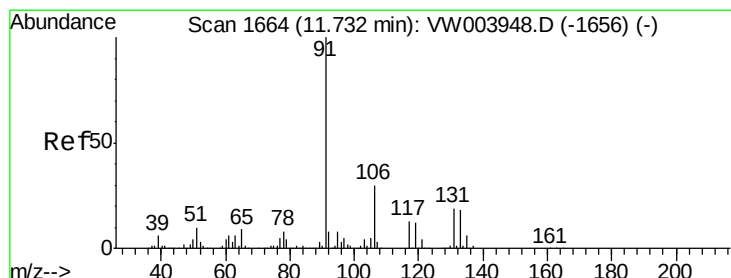
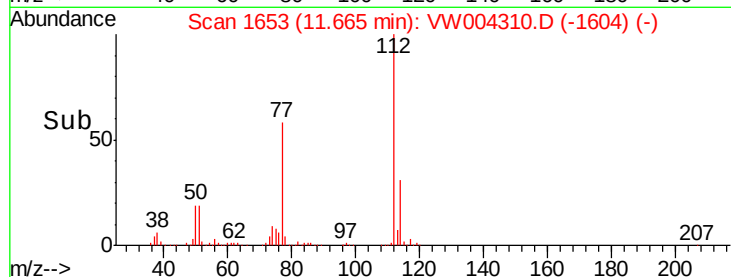
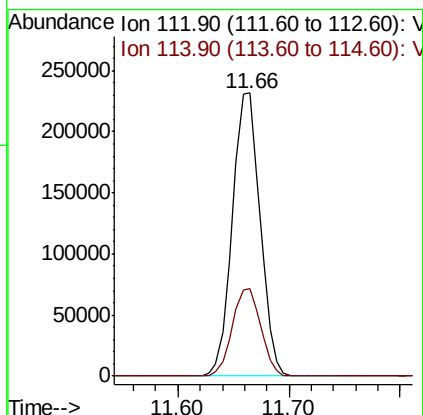
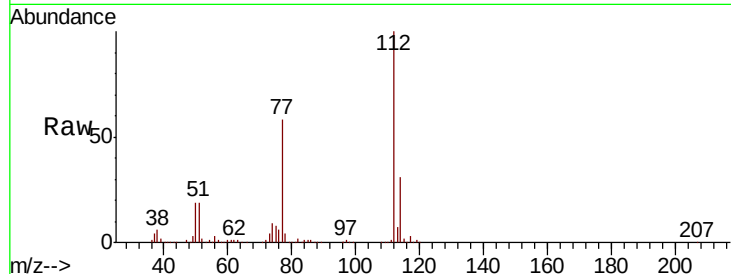




#65
Chlorobenzene
Concen: 51.359 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

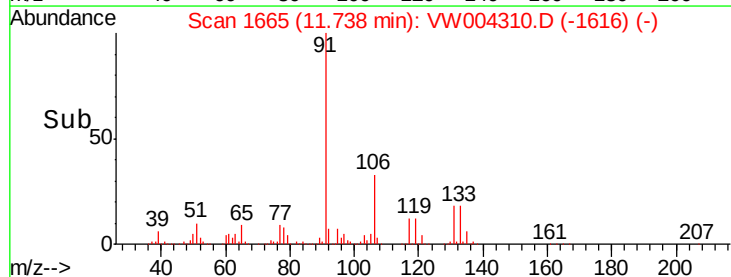
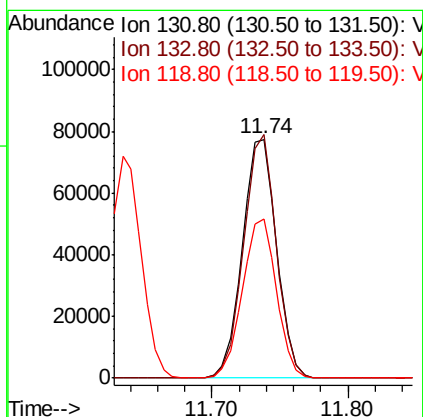
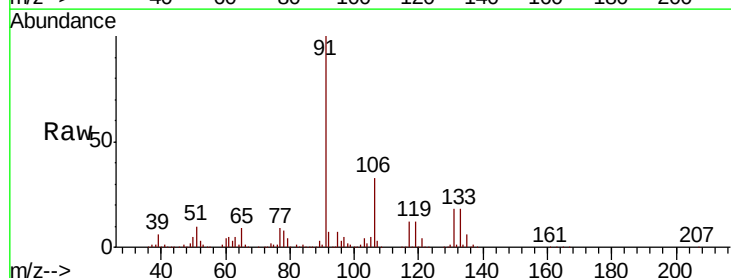
Instrument :
MSVOA_W
ClientSampleId :

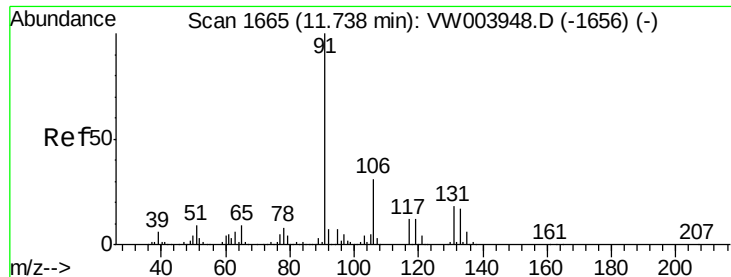
Tot Ion:112 Resp: 400008
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.575 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion:131 Resp: 136182
Ion Ratio Lower Upper
131 100
133 97.3 48.6 145.9
119 66.3 33.1 99.5





#67

Ethyl Benzene

Concen: 51.363 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

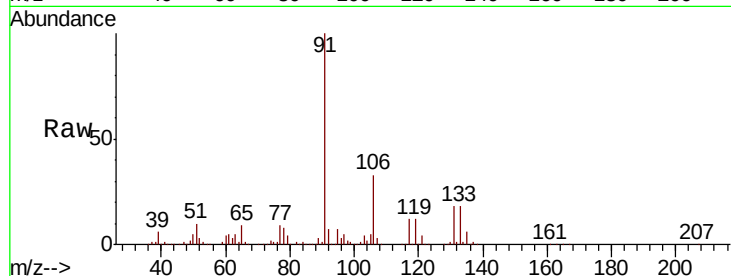
ClientSampled :

Tot Ion: 91 Resp: 697333

Ion Ratio Lower Upper

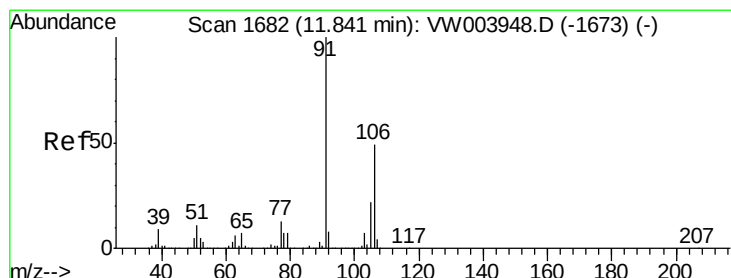
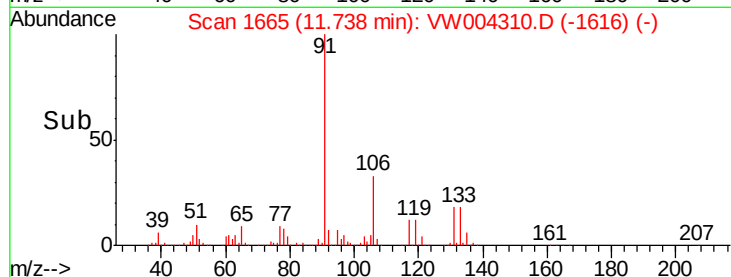
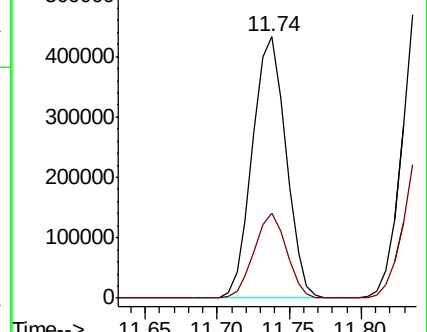
91 100

106 32.6 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 104.257 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW004310.D

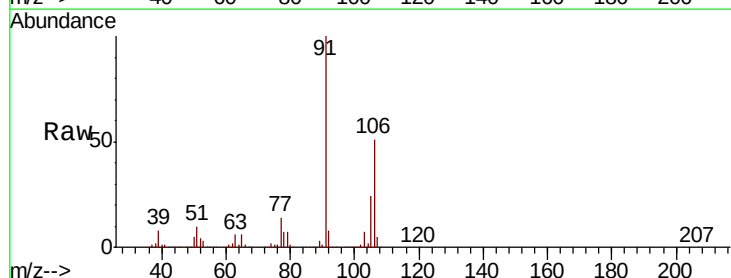
Acq: 29 Jul 2018 13:04

Tgt Ion: 106 Resp: 544674

Ion Ratio Lower Upper

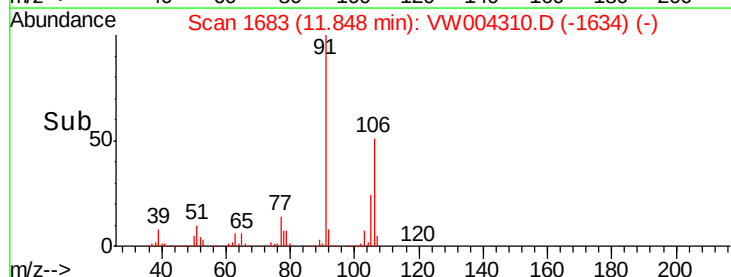
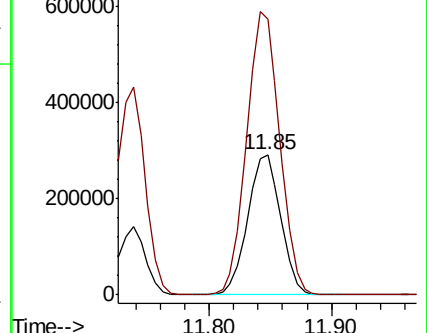
106 100

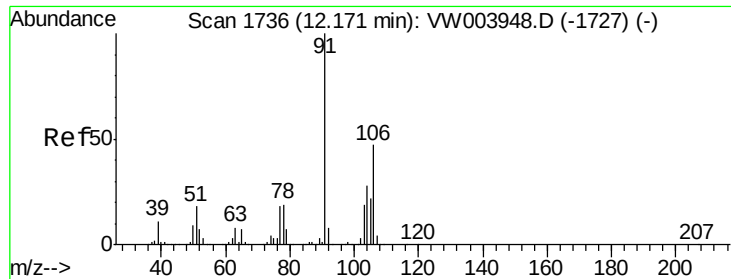
91 202.7 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

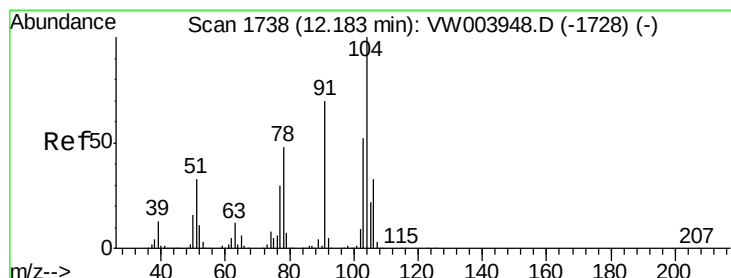
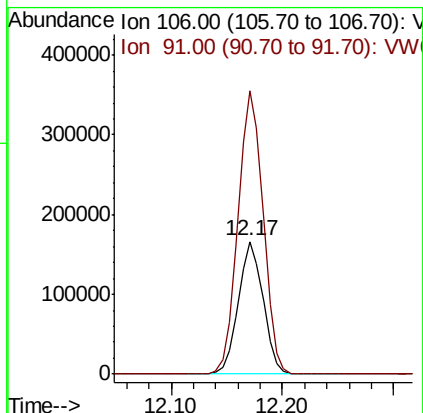
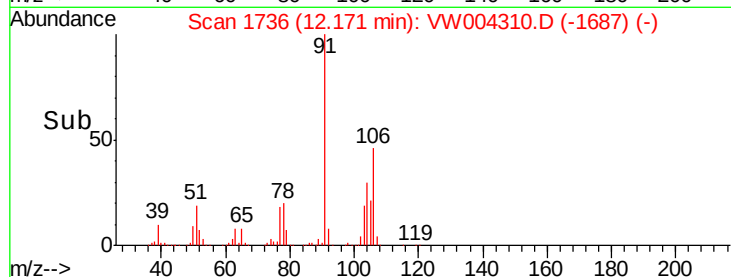
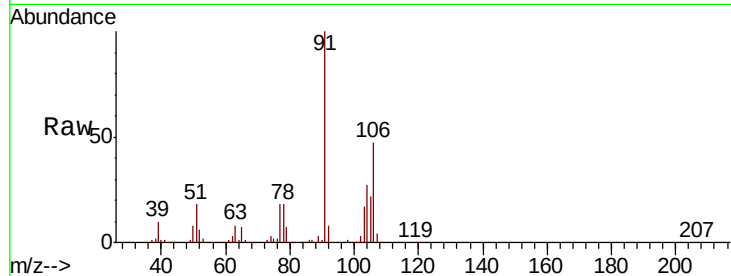




#69
o-Xylene
Concen: 52.975 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

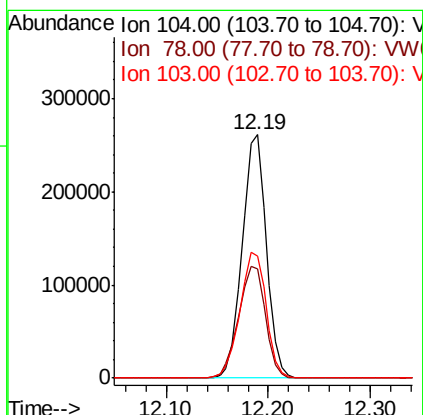
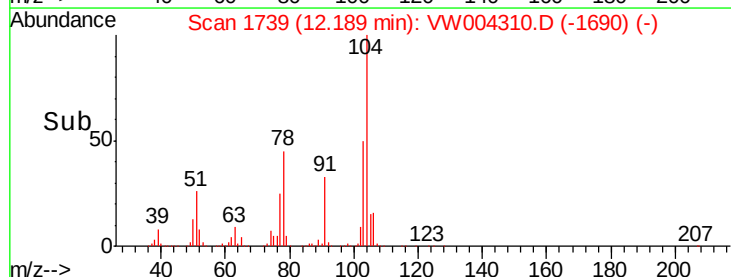
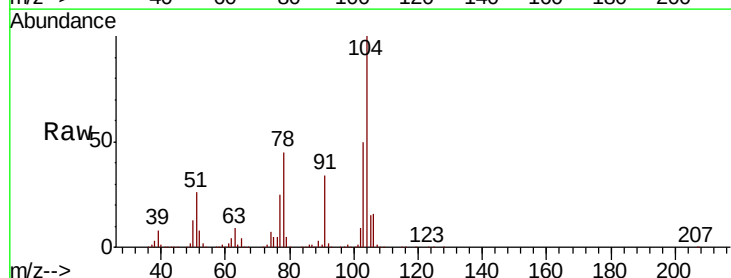
Instrument :
MSVOA_W
ClientSampleId :

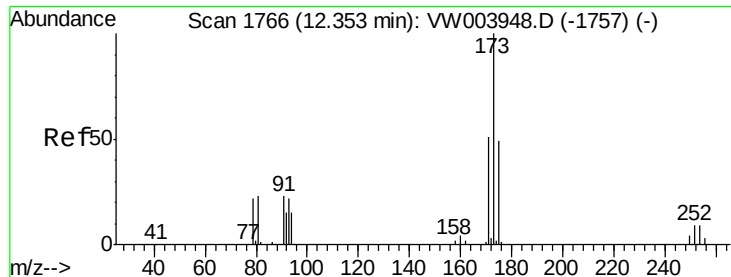
Tot Ion:106 Resp: 255716
Ion Ratio Lower Upper
106 100
91 217.4 108.7 326.1



#70
Styrene
Concen: 52.524 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion:104 Resp: 428342
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 56.3 45.0 67.6





#71

Bromoform

Concen: 49.781 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampled :

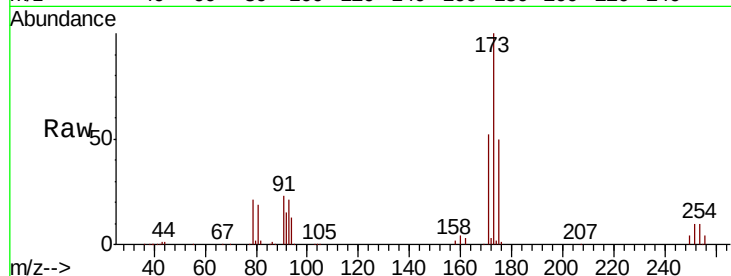
Tot Ion:173 Resp: 76638

Ion Ratio Lower Upper

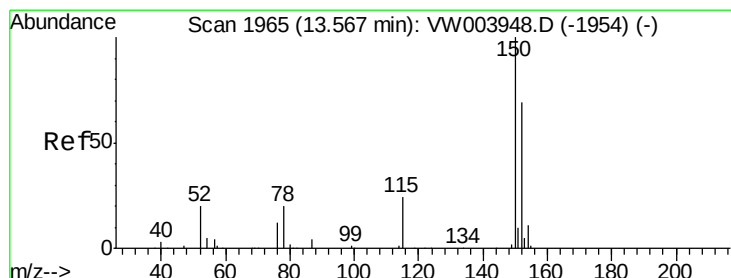
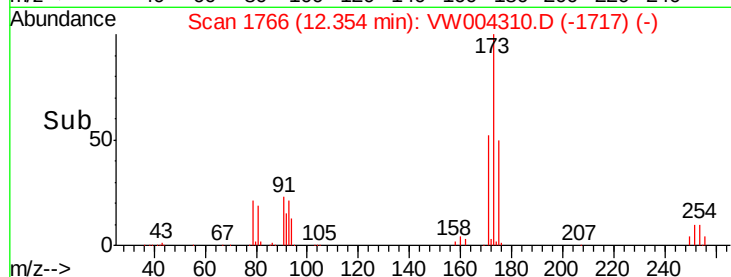
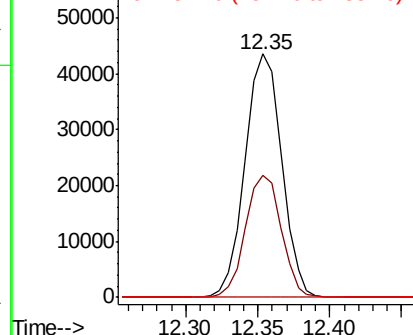
173 100

175 49.0 24.5 73.5

254 0.2 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: VW004310.D

Acq: 29 Jul 2018 13:04

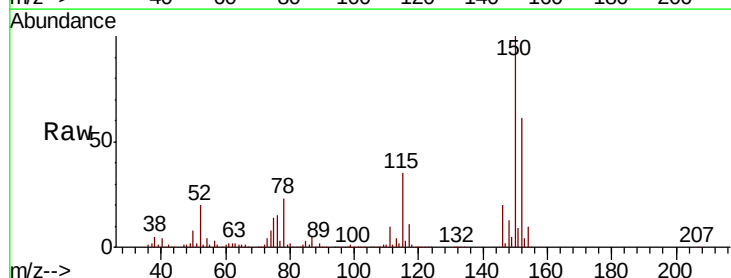
Tgt Ion:152 Resp: 199986

Ion Ratio Lower Upper

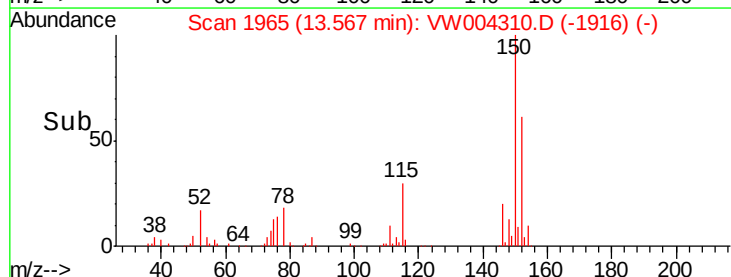
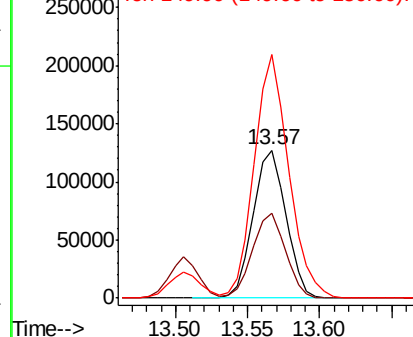
152 100

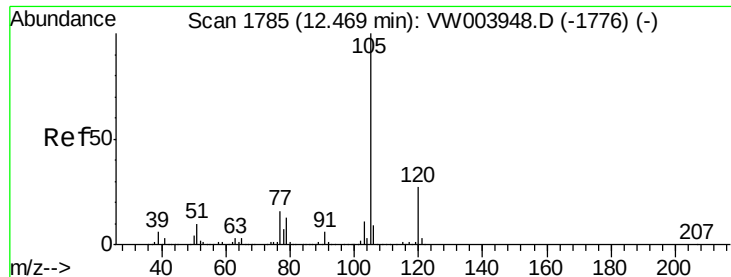
115 57.6 28.8 86.4

150 173.2 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: 50.807 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

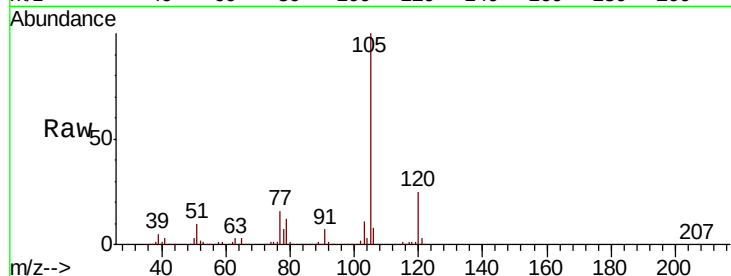
ClientSampled :

Tot Ion:105 Resp: 704530

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

500000

400000

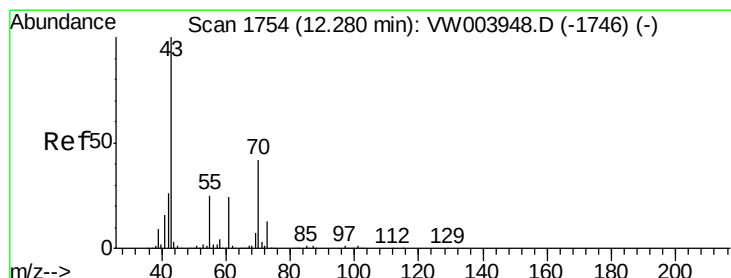
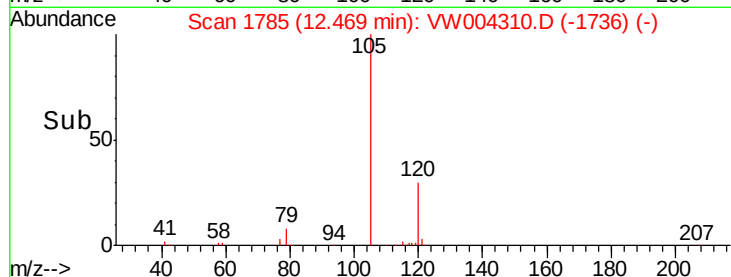
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.376 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion: 43 Resp: 157379

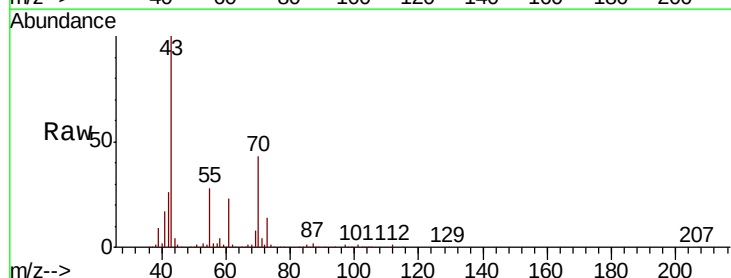
Ion Ratio Lower Upper

43 100

70 42.8 34.2 51.4

55 27.3 21.8 32.8

61 23.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.28

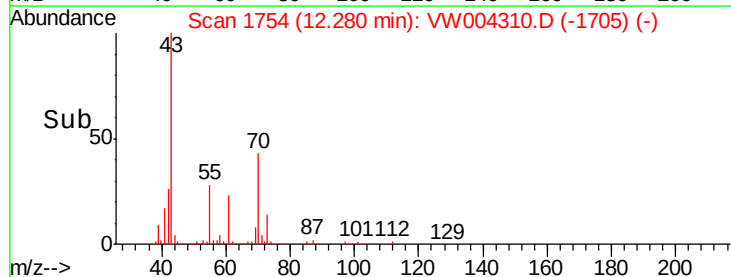
150000

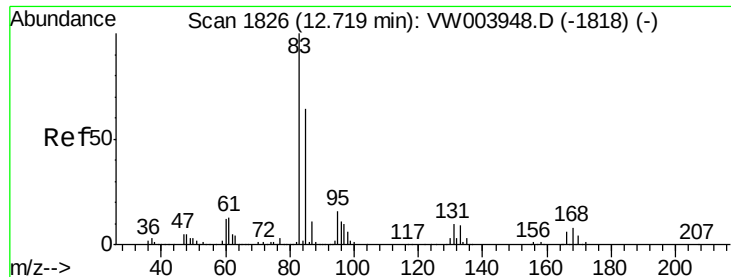
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.204 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampleId :

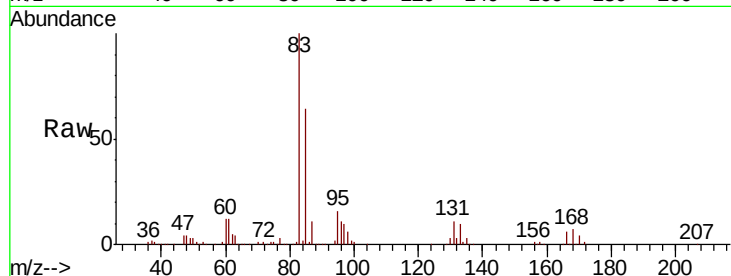
Tot Ion: 83 Resp: 124380

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

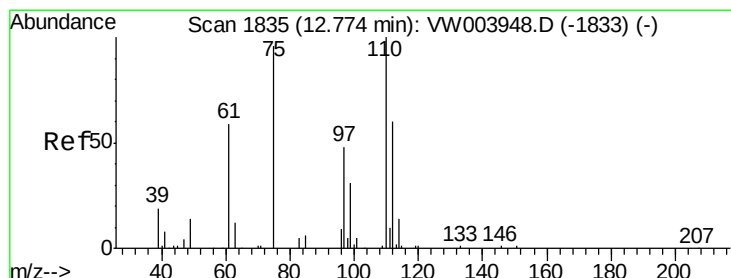
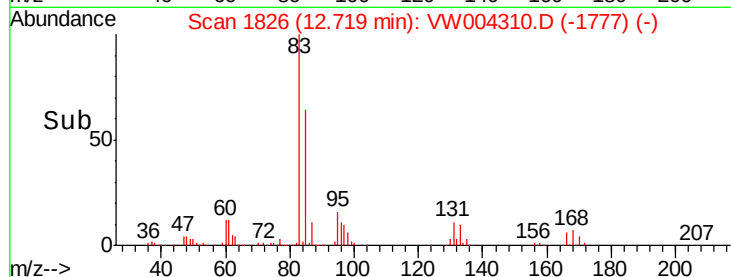
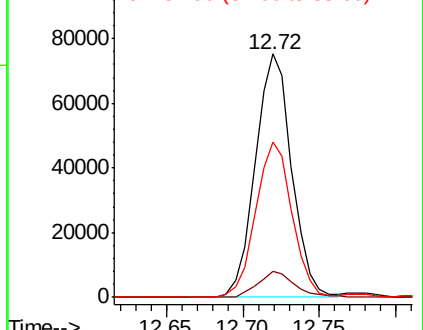
85 63.9 31.9 95.9



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: 54.784 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004310.D

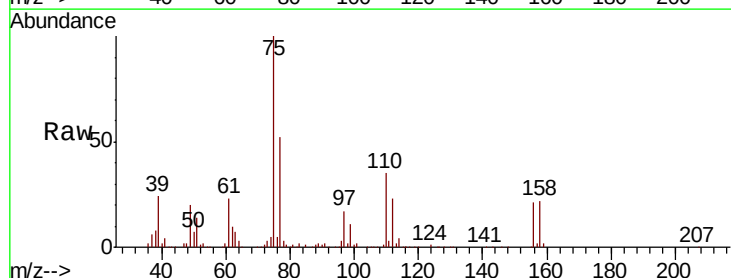
Acq: 29 Jul 2018 13:04

Tgt Ion: 75 Resp: 166976

Ion Ratio Lower Upper

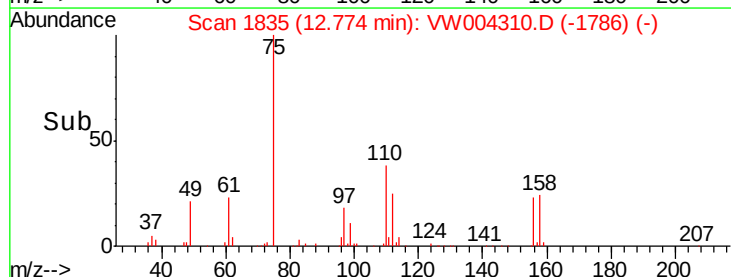
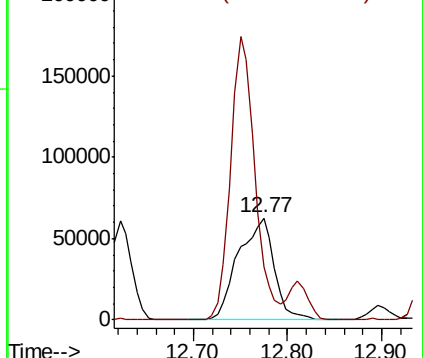
75 100

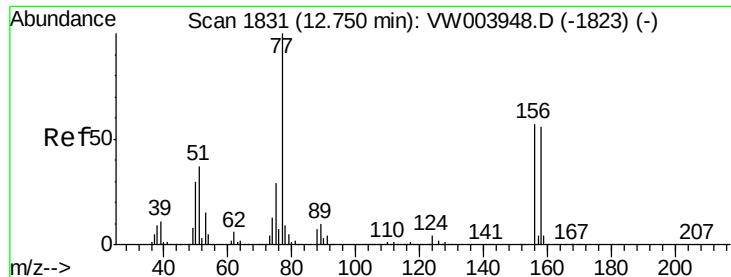
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

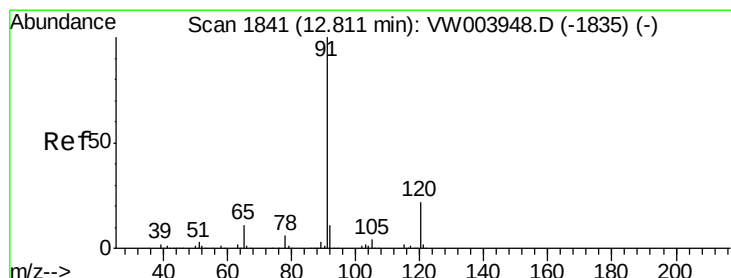
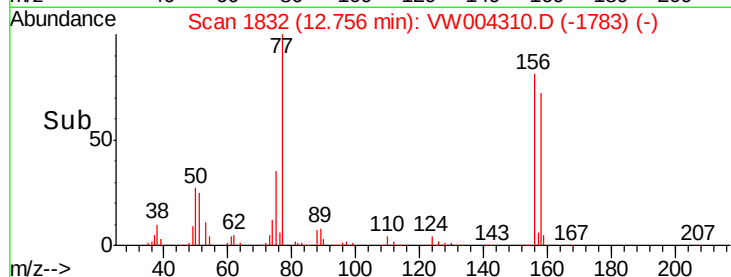
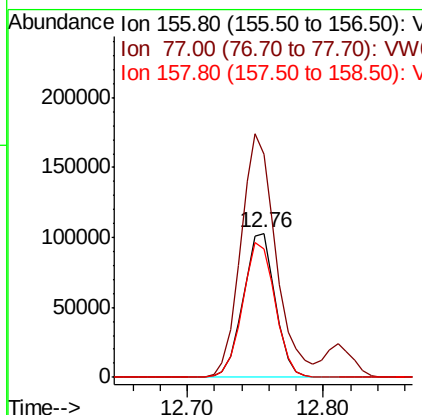
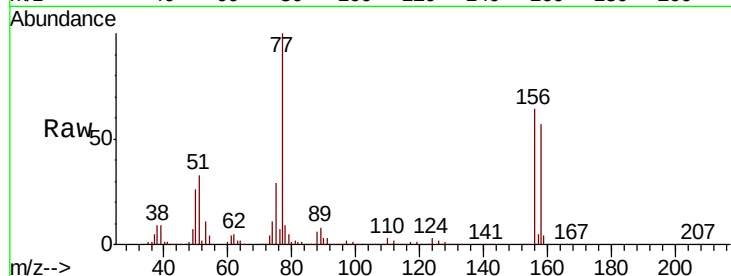




#77
Bromobenzene
Concen: 50.465 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

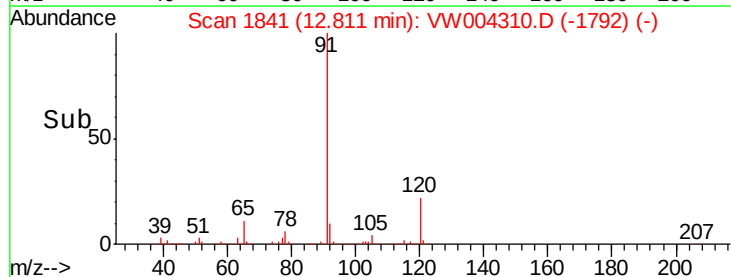
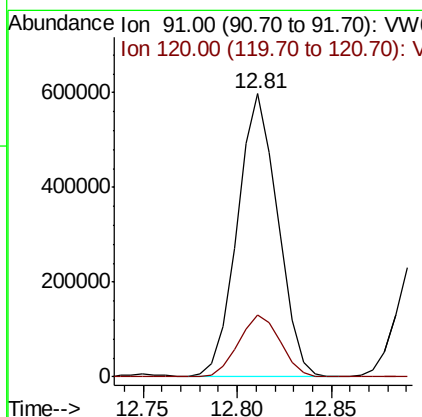
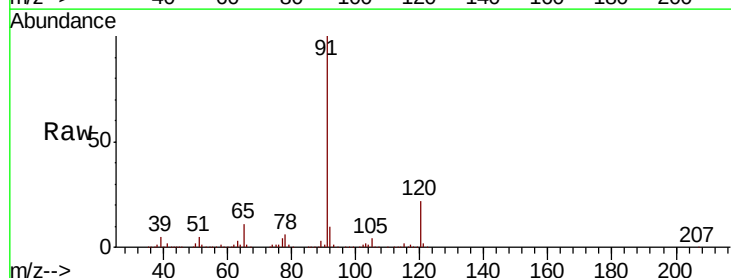
Instrument :
MSVOA_W
ClientSampled :

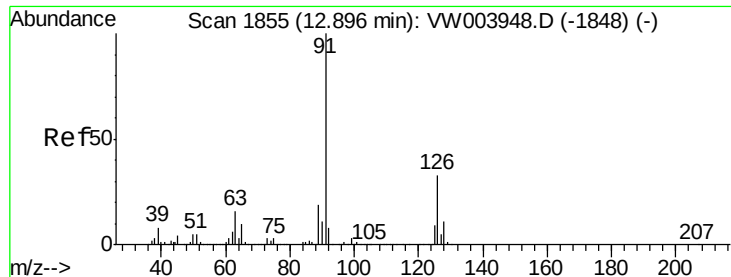
Tot Ion:156 Resp: 169084
Ion Ratio Lower Upper
156 100
77 185.8 92.9 278.7
158 95.2 47.6 142.8



#78
n-propylbenzene
Concen: 52.573 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion: 91 Resp: 888120
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 51.530 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

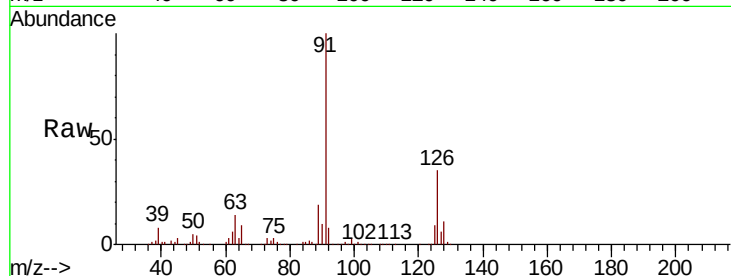
ClientSampled :

Tot Ion: 91 Resp: 497903

Ion Ratio Lower Upper

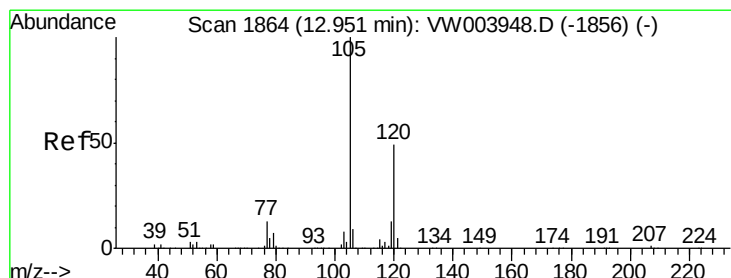
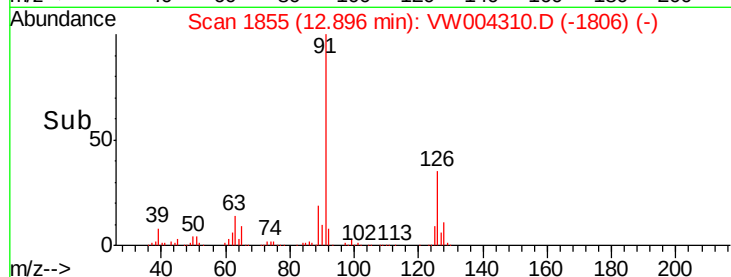
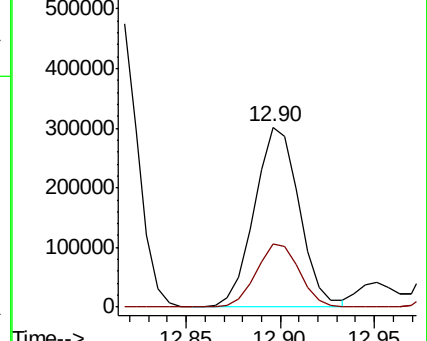
91 100

126 34.1 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.096 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004310.D

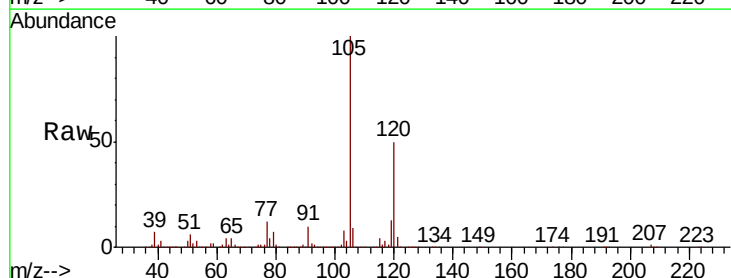
Acq: 29 Jul 2018 13:04

Tgt Ion:105 Resp: 610394

Ion Ratio Lower Upper

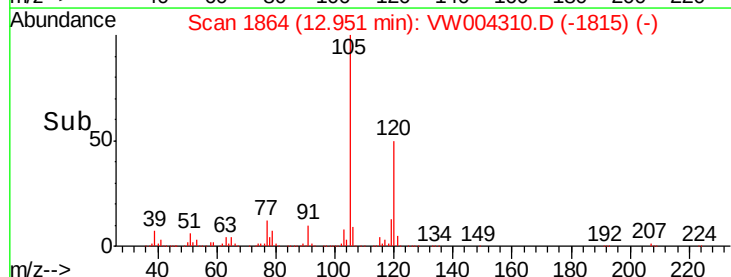
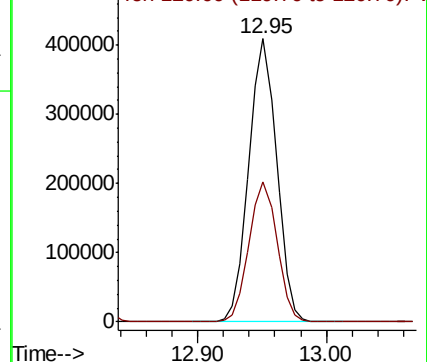
105 100

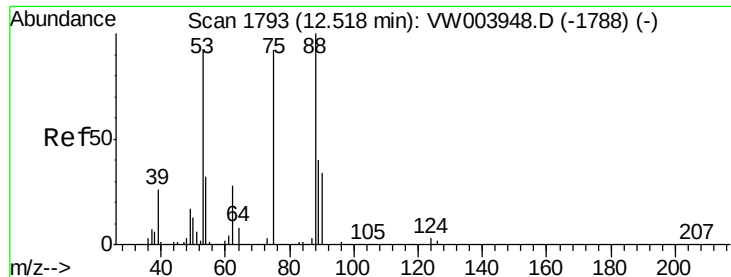
120 50.1 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.745 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampleId :

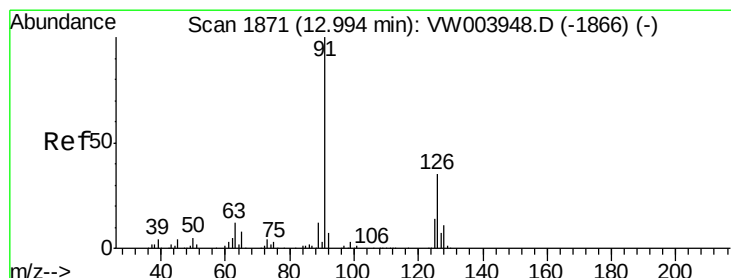
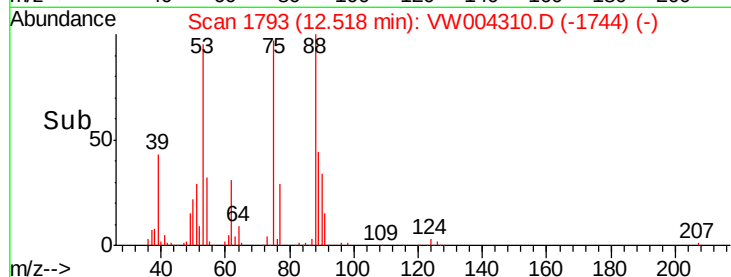
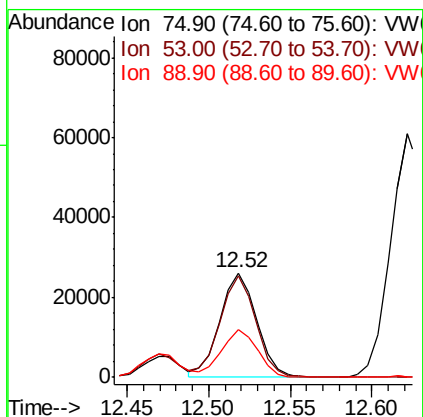
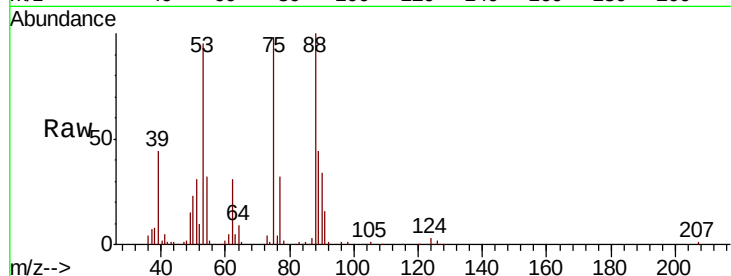
Tot Ion: 75 Resp: 40588

Ion Ratio Lower Upper

75 100

53 97.0 77.6 116.4

89 45.0 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.067 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004310.D

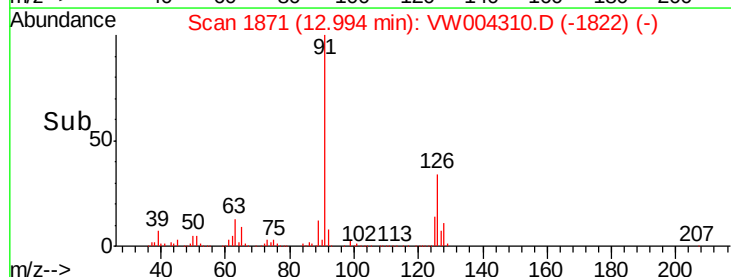
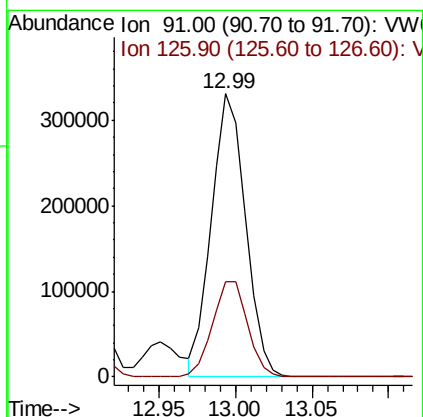
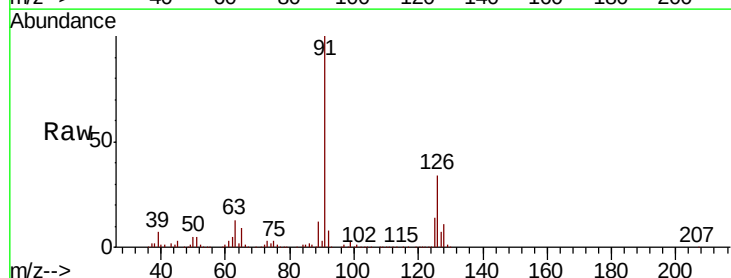
Acq: 29 Jul 2018 13:04

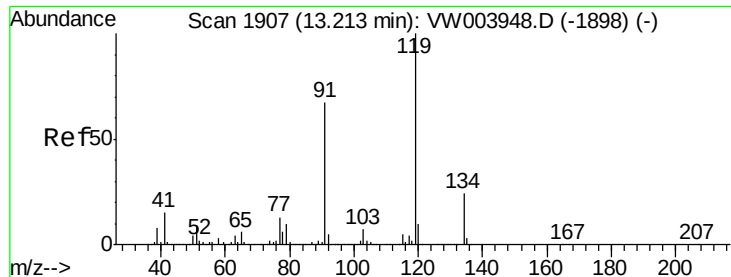
Tgt Ion: 91 Resp: 511898

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.3

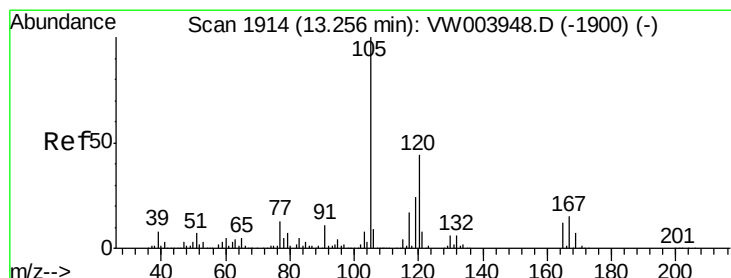
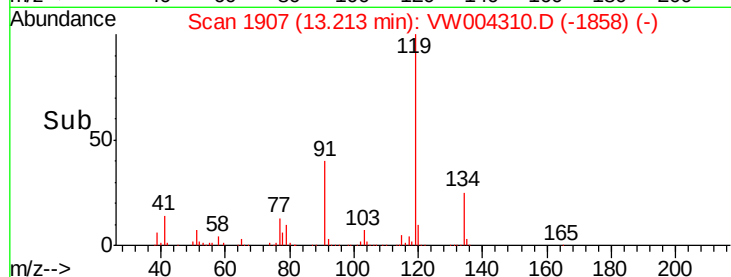
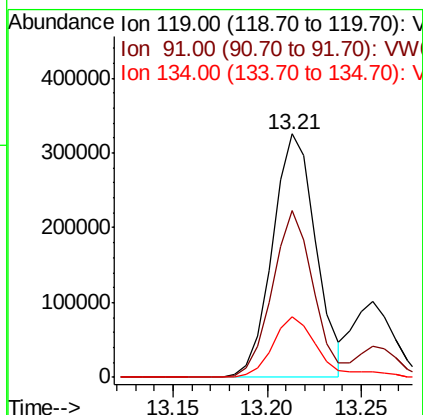
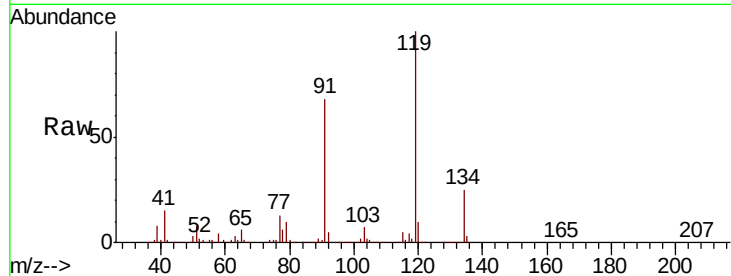




#83
tert-Butylbenzene
Concen: 52.269 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

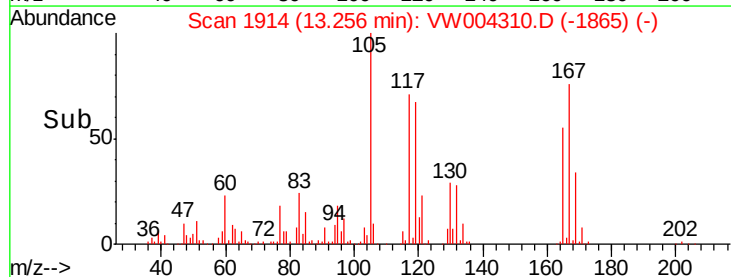
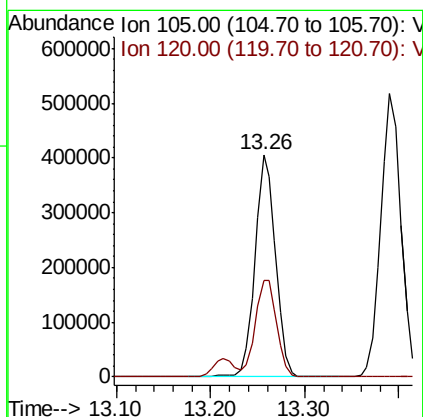
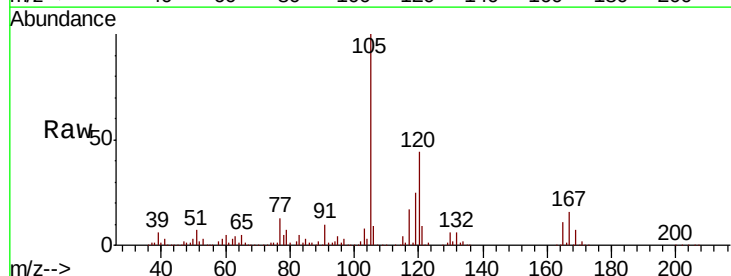
Instrument :
MSVOA_W
ClientSampled :

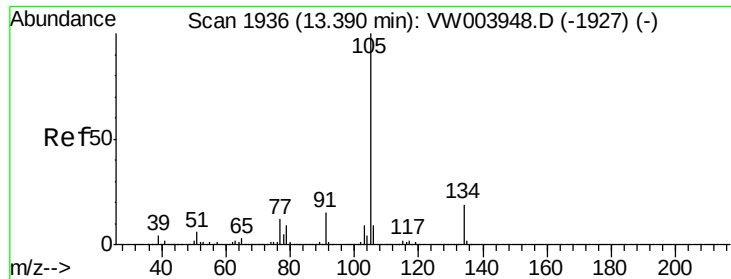
Tot Ion:119 Resp: 520183
Ion Ratio Lower Upper
119 100
91 65.5 32.8 98.3
134 24.4 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 51.102 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion:105 Resp: 622598
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.0

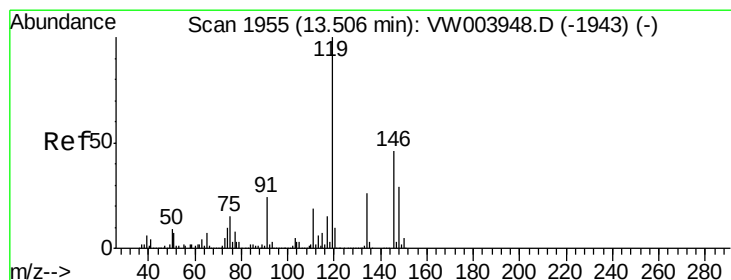
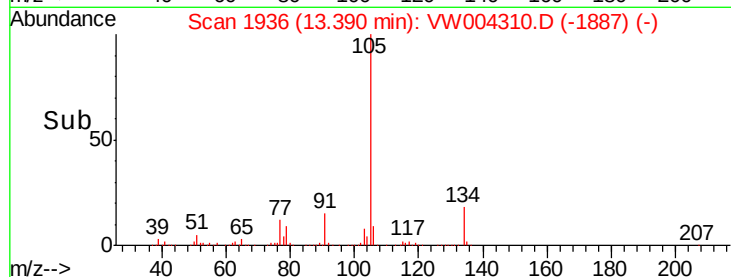
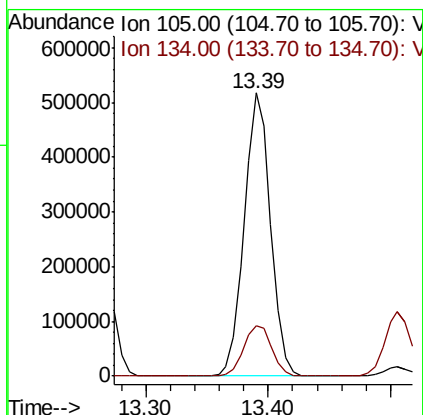
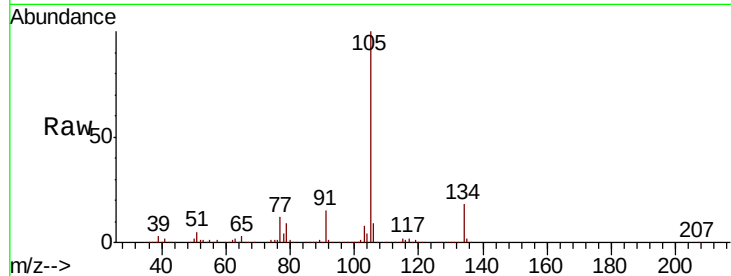




#85
 sec-Butylbenzene
 Concen: 52.917 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

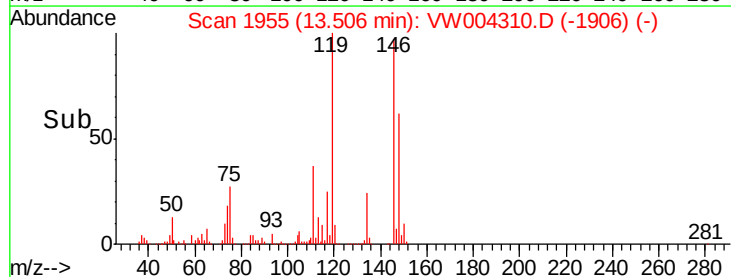
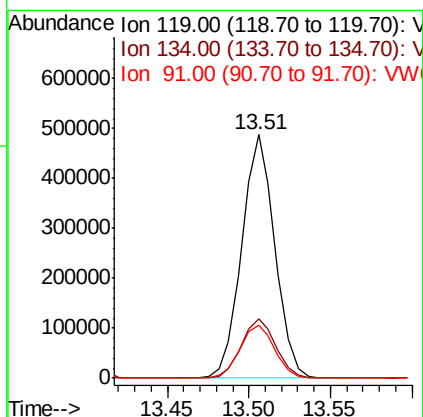
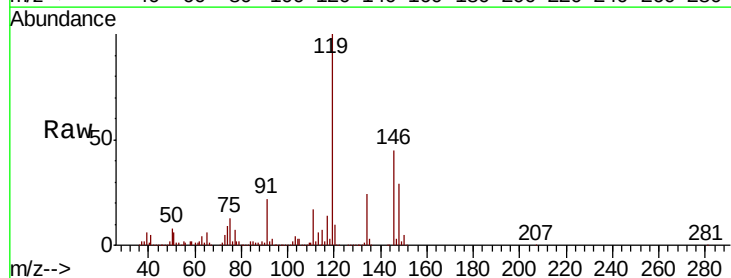
Instrument :
 MSVOA_W
 ClientSampleId :

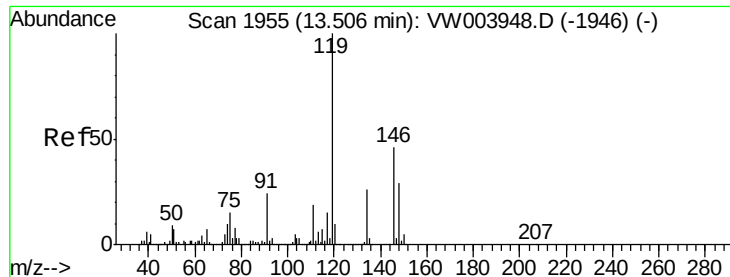
Tot Ion:105 Resp: 769251
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 52.640 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion:119 Resp: 687280
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 22.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.912 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

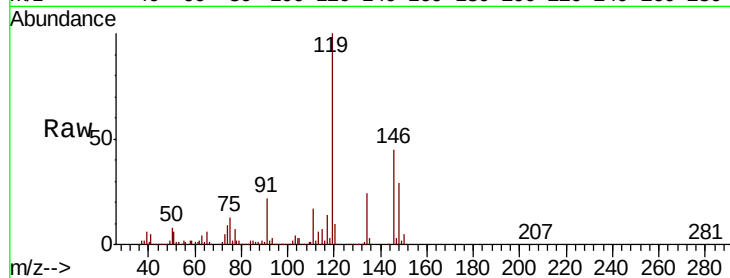
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146 Resp: 334729

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	63.7	31.9	95.5

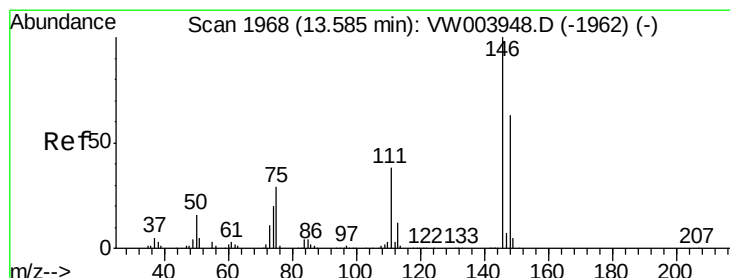
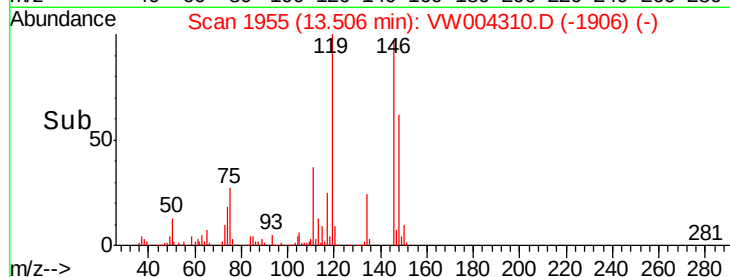
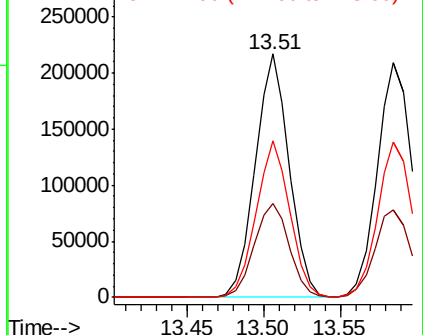


Abundance

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: 49.145 ug/l

RT: 13.59 min Scan# 1968

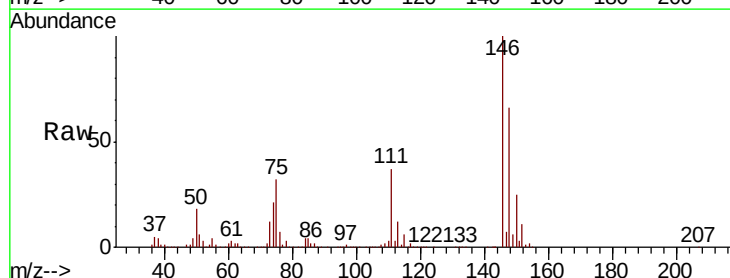
Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Tgt Ion:146 Resp: 328828

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	65.5	32.8	98.3

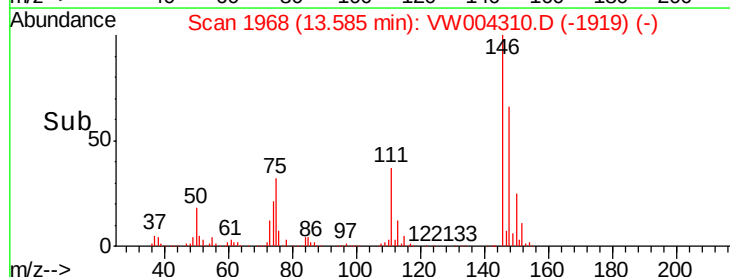
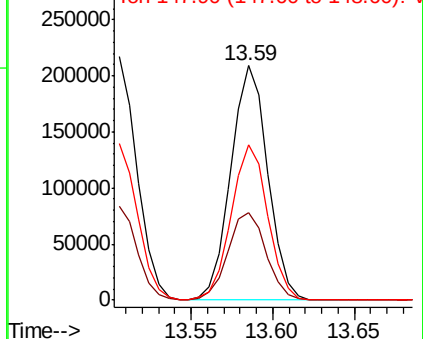


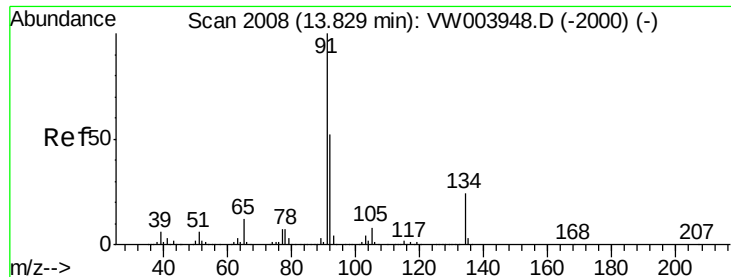
Abundance

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: 52.384 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW004310.D

Acq: 29 Jul 2018 13:04

Instrument :

MSVOA_W

ClientSampled :

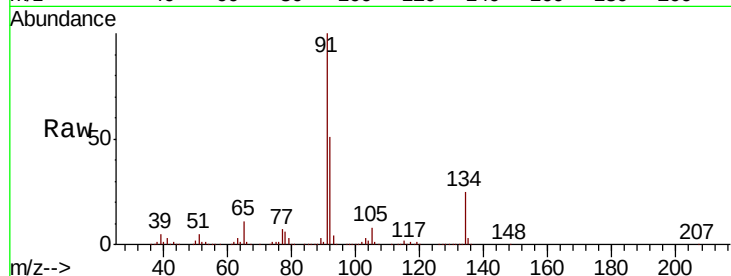
Tot Ion: 91 Resp: 638655

Ion Ratio Lower Upper

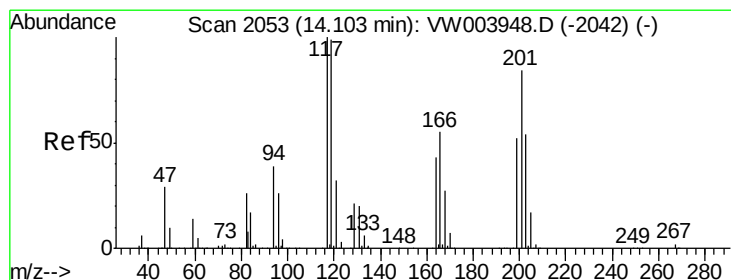
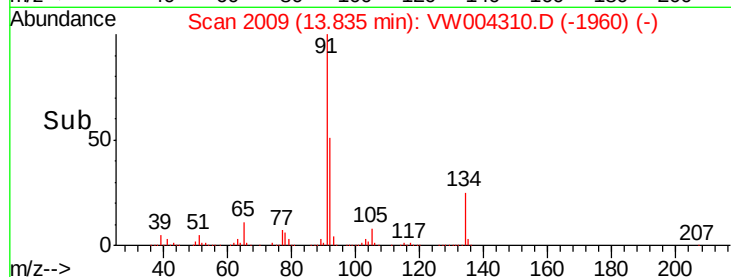
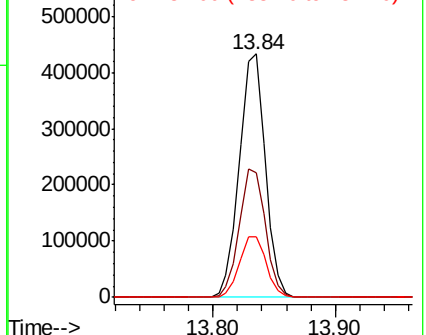
91 100

92 52.8 26.4 79.2

134 25.7 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: 50.596 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. 0.00 min

Lab File: VW004310.D

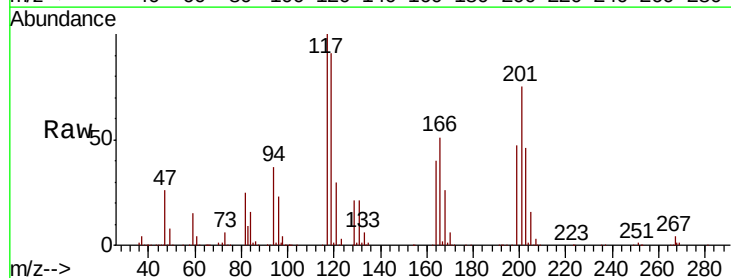
Acq: 29 Jul 2018 13:04

Tgt Ion: 117 Resp: 117819

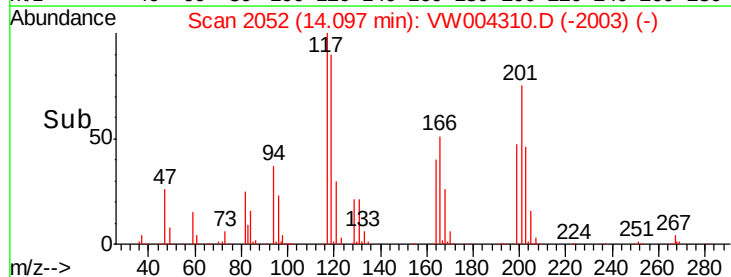
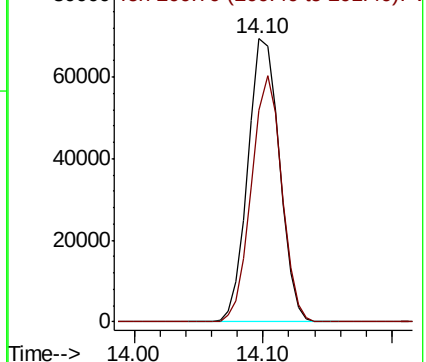
Ion Ratio Lower Upper

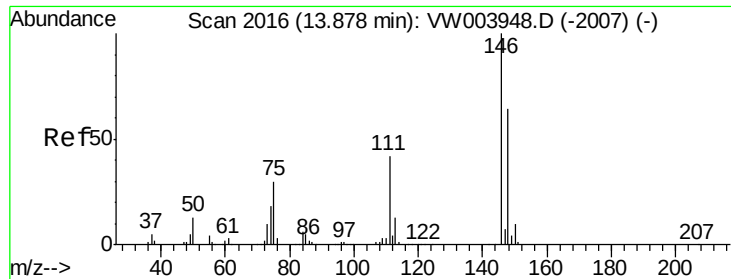
117 100

201 83.0 41.5 124.5



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

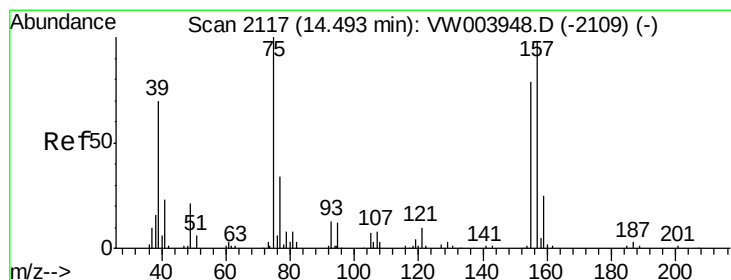
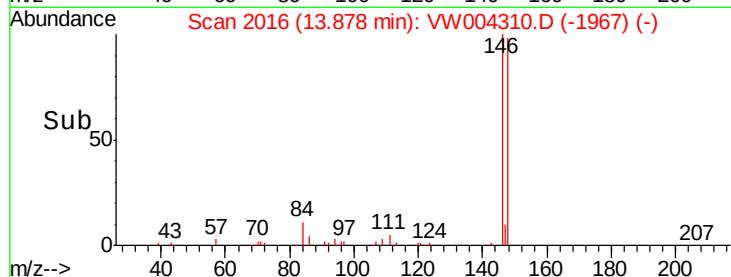
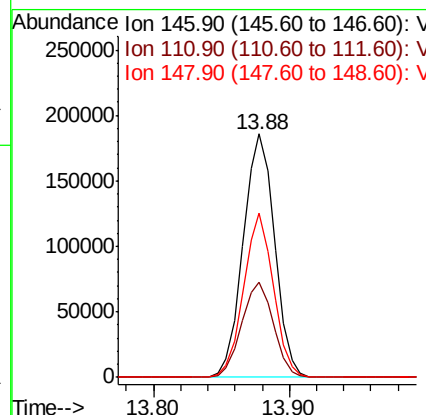
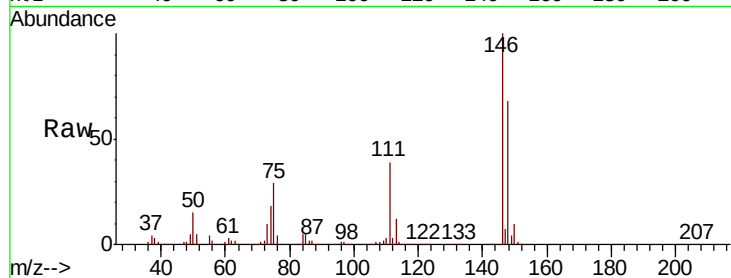




#91
 1,2-Dichlorobenzene
 Concen: 49.971 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

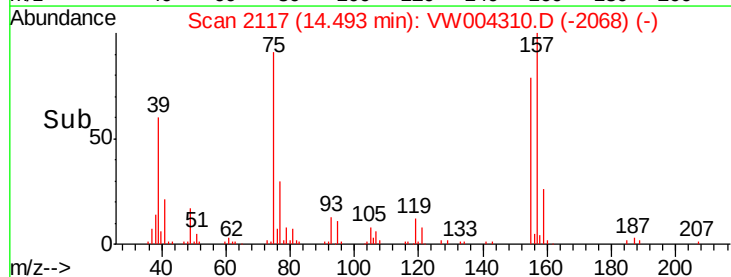
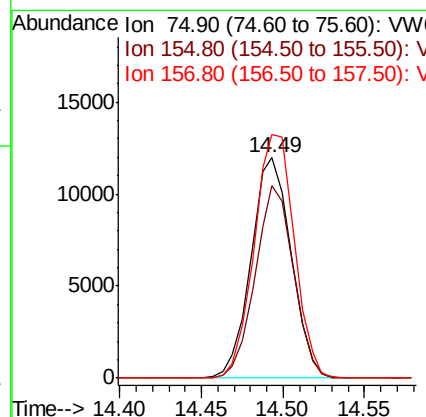
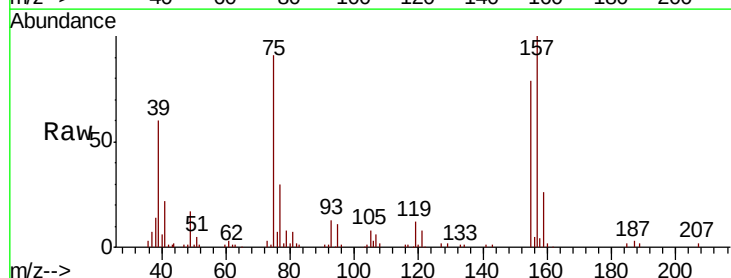
Instrument :
 MSVOA_W
 ClientSampled :

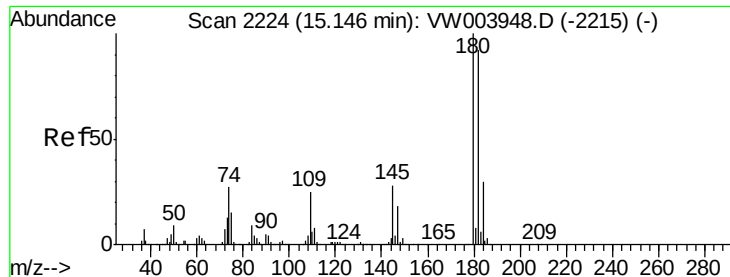
Tot Ion:146 Resp: 299974
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.279 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion: 75 Resp: 20472
 Ion Ratio Lower Upper
 75 100
 155 82.9 41.4 124.4
 157 110.4 55.2 165.6

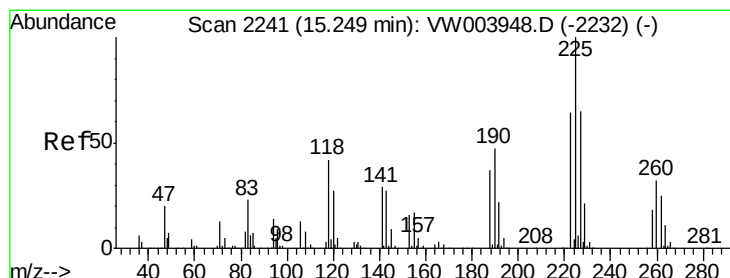
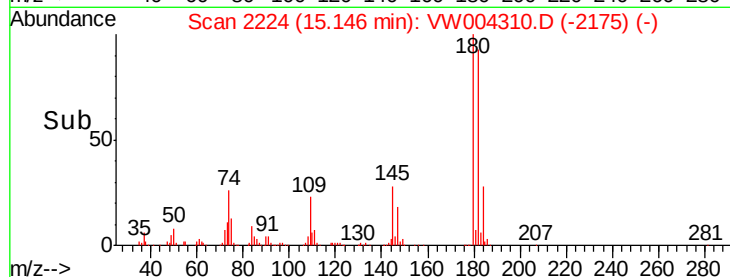
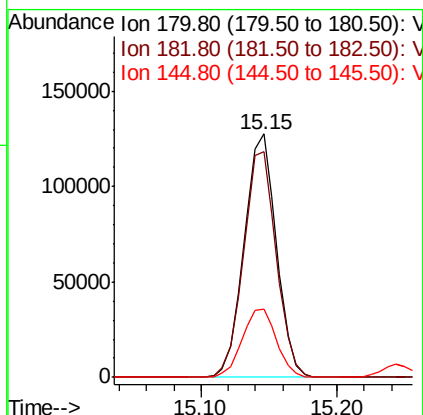
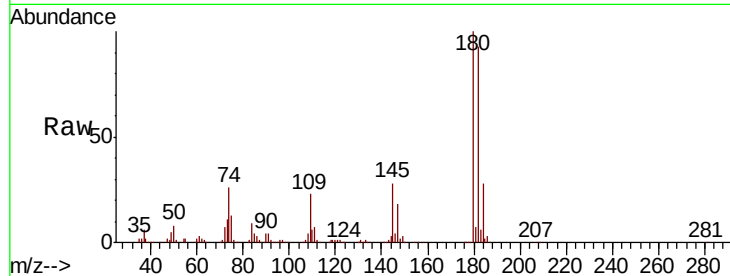




#93
 1,2,4-Trichlorobenzene
 Concen: 50.096 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

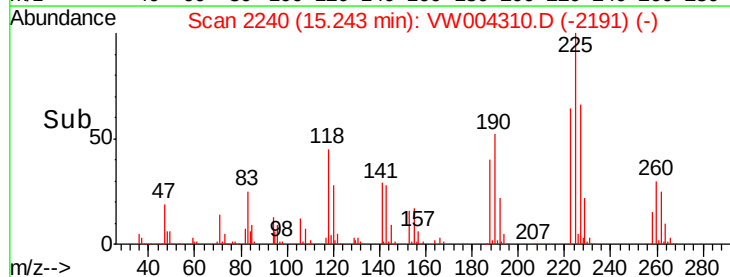
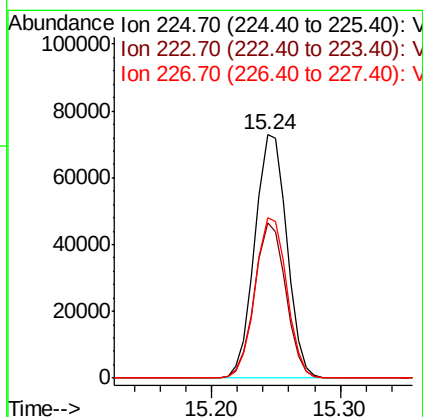
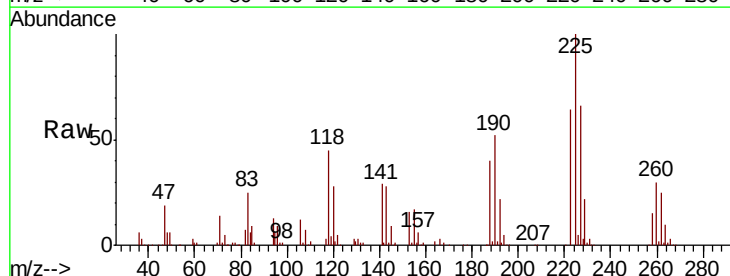
Instrument :
 MSVOA_W
 ClientSampleId :

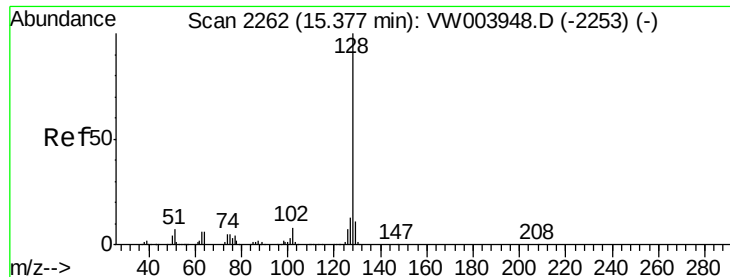
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	29.6	14.8	44.4



#94
 Hexachlorobutadiene
 Concen: 48.635 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004310.D
 Acq: 29 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.0	93.0
227	65.1	32.6	97.7

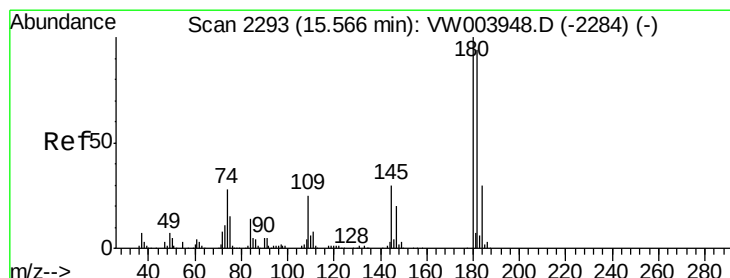
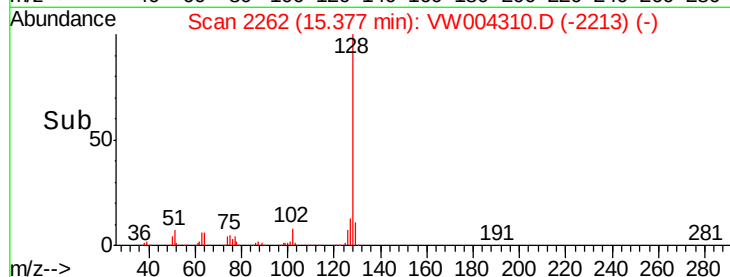
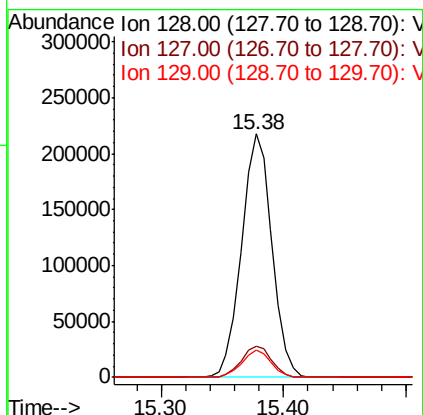
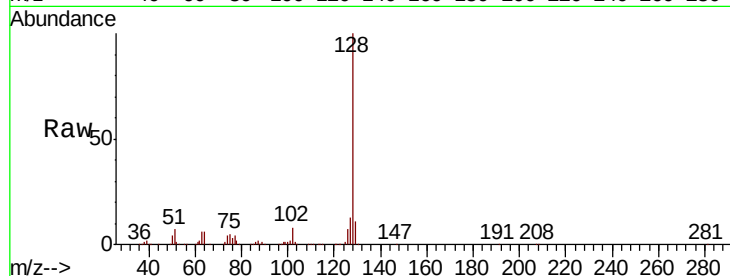




#95
Naphthalene
Concen: 51.528 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 373658
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.550 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004310.D
Acq: 29 Jul 2018 13:04

Tgt Ion:180 Resp: 182754
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 32.3 16.2 48.5

