

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004316.D
 Acq On : 29 Jul 2018 16:30
 Operator : SY/AP
 Sample : VW0730SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:32:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144238	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
35) Dibromofluoromethane	7.88	113	131961	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.33	98	529776	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.62	95	190620	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20958	23.314	ug/l	96
3) Chloromethane	2.21	50	27962	21.386	ug/l	96
4) Vinyl Chloride	2.36	62	35333	12.333	ug/l	98
5) Bromomethane	2.77	94	32105	19.613	ug/l	99
6) Chloroethane	2.92	64	29667	19.761	ug/l	91
7) Trichlorofluoromethane	3.25	101	24309	14.782	ug/l	95
8) Diethyl Ether	3.67	74	31005	26.410	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	56202	22.481	ug/l	97
10) Methyl Iodide	4.26	142	76500	20.339	ug/l	99
11) Tert butyl alcohol	5.17	59	22677	127.330	ug/l	99
12) 1,1-Dichloroethene	4.03	96	55932	22.429	ug/l	99
13) Acrolein	3.89	56	17661	109.410	ug/l	98
14) Allyl chloride	4.66	41	87738	21.473	ug/l	99
15) Acrylonitrile	5.37	53	68471	117.775	ug/l	99
16) Acetone	4.12	43	66247	107.707	ug/l	96
17) Carbon Disulfide	4.37	76	162165	20.624	ug/l	98
18) Methyl Acetate	4.67	43	34141	23.537	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	99772	21.661	ug/l	98
20) Methylene Chloride	4.90	84	56948	21.469	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	56319	20.847	ug/l	97
22) Diisopropyl ether	6.31	45	177497	22.226	ug/l	98
23) Vinyl Acetate	6.26	43	519746	112.179	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104218	20.918	ug/l	100
25) 2-Butanone	7.17	43	91153	123.367	ug/l	97
26) 2,2-Dichloropropane	7.17	77	57773	19.362	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	61797	21.573	ug/l	96
28) Bromochloromethane	7.51	49	42067	23.338	ug/l	99
29) Tetrahydrofuran	7.53	42	59732	118.552	ug/l	99
30) Chloroform	7.68	83	103446	21.057	ug/l	97
31) Cyclohexane	7.95	56	93637	20.617	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	83359	20.661	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82662	20.168	ug/l	99
37) Ethyl Acetate	7.26	43	39211	23.346	ug/l	98
38) Carbon Tetrachloride	8.07	117	77853	19.237	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93993	19.032	ug/l	98
40) Benzene	8.32	78	236105	20.478	ug/l	100
41) Methacrylonitrile	7.49	41	23404	22.459	ug/l	98
42) 1,2-Dichloroethane	8.40	62	69194	20.991	ug/l	100
43) Isopropyl Acetate	8.43	43	73179	24.176	ug/l	97
44) Trichloroethene	9.09	130	60770	19.523	ug/l	99
45) 1,2-Dichloropropane	9.37	63	61172	21.380	ug/l	99
46) Dibromomethane	9.46	93	31724	21.714	ug/l	99
47) Bromodichloromethane	9.65	83	75723	20.435	ug/l	99
48) Methyl methacrylate	9.44	41	34778	22.559	ug/l	97
49) 1,4-Dioxane	9.45	88	10438	471.292	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	200083	120.439	ug/l	100
52) Toluene	10.39	92	149437	20.643	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	75671	20.389	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	90526	20.922	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	44386	21.323	ug/l	96
56) Ethyl methacrylate	10.65	69	54941	21.811	ug/l	98
57) 1,3-Dichloropropane	10.94	76	77085	21.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	130041	116.214	ug/l	99
59) 2-Hexanone	10.98	43	133652	117.167	ug/l	100
60) Dibromochloromethane	11.13	129	50514	20.281	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41684	21.000	ug/l	98
64) Tetrachloroethene	10.87	164	54119	19.880	ug/l	97
65) Chlorobenzene	11.66	112	159985	20.501	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	55462	20.150	ug/l	98
67) Ethyl Benzene	11.74	91	266063	19.559	ug/l	96
68) m/p-Xylenes	11.85	106	214819	41.038	ug/l	97
69) o-Xylene	12.17	106	100340	20.746	ug/l	97
70) Styrene	12.19	104	170680	20.888	ug/l	98
71) Bromoform	12.35	173	31056	20.133	ug/l #	100
73) Isopropylbenzene	12.47	105	275265	20.479	ug/l	99
74) N-amyl acetate	12.28	43	70497	22.979	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	53968	22.921	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	70196	39.678	ug/l #	100
77) Bromobenzene	12.75	156	66552	20.492	ug/l	96
78) n-propylbenzene	12.81	91	333076	20.341	ug/l	98
79) 2-Chlorotoluene	12.90	91	196813	21.014	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	238953	20.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16541	21.755	ug/l	98
82) 4-Chlorotoluene	12.99	91	203759	20.560	ug/l	100
83) tert-Butylbenzene	13.21	119	191668	19.869	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	248211	21.018	ug/l	98
85) sec-Butylbenzene	13.39	105	292924	20.788	ug/l	98
86) p-Isopropyltoluene	13.51	119	254821	20.135	ug/l	96
87) 1,3-Dichlorobenzene	13.51	146	136180	20.949	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	136285	21.013	ug/l	98
89) n-Butylbenzene	13.84	91	245747	20.795	ug/l	99
90) Hexachloroethane	14.10	117	45877	20.325	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	122005	20.968	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9492	23.094	ug/l	96

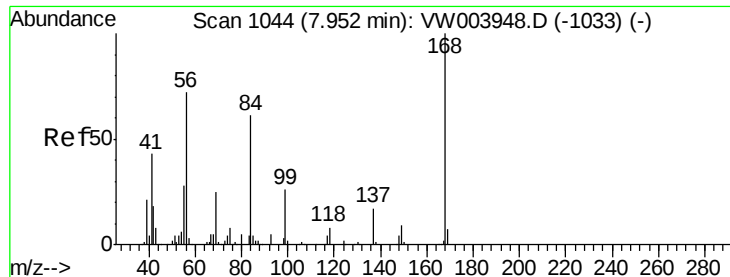
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86096	21.073	ug/l	99
94) Hexachlorobutadiene	15.24	225	48957	19.613	ug/l	99
95) Naphthalene	15.38	128	155007	22.052	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	77661	21.723	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

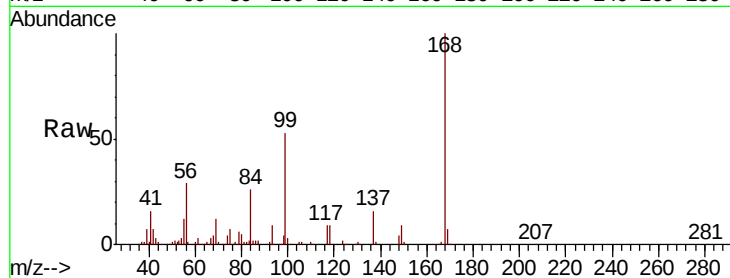
ClientSampled :

Tot Ion:168 Resp: 263739

Ion Ratio Lower Upper

168 100

99 52.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

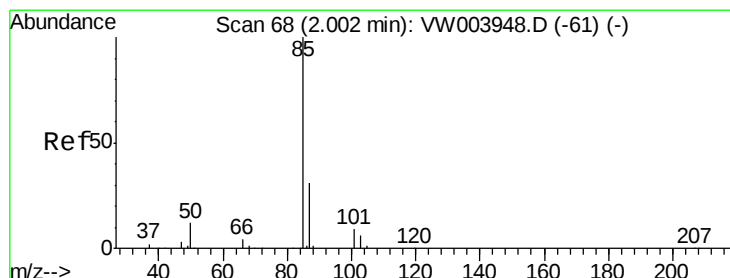
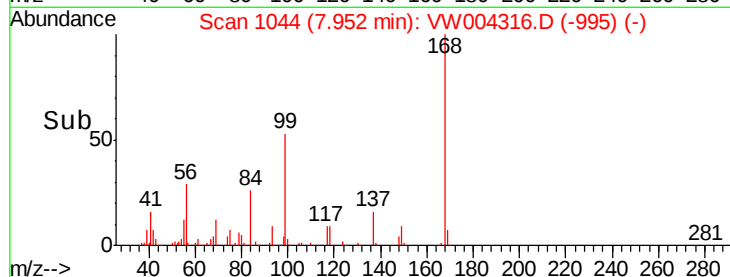
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.314 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004316.D

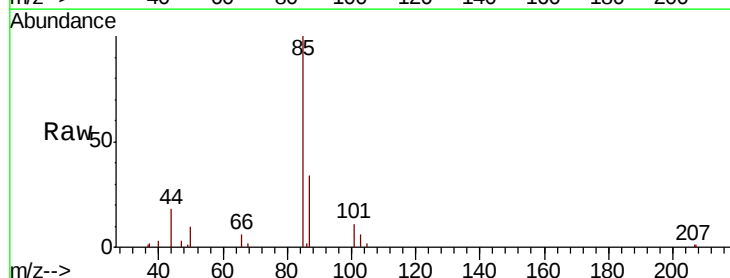
Acq: 29 Jul 2018 16:30

Tgt Ion: 85 Resp: 20958

Ion Ratio Lower Upper

85 100

87 34.2 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

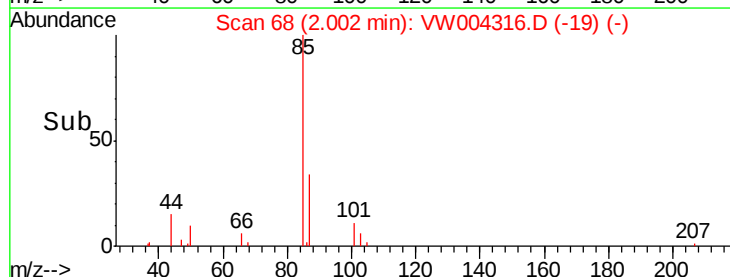
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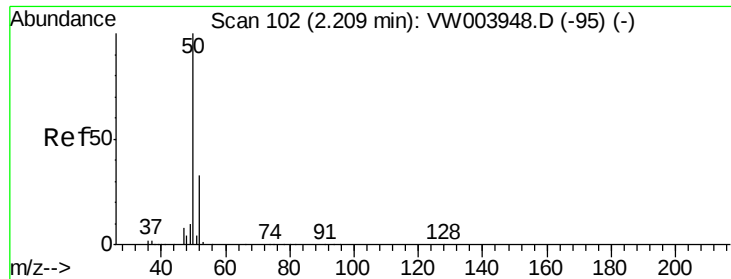
4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.386 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

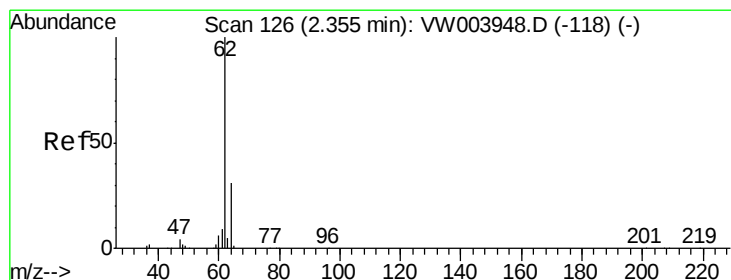
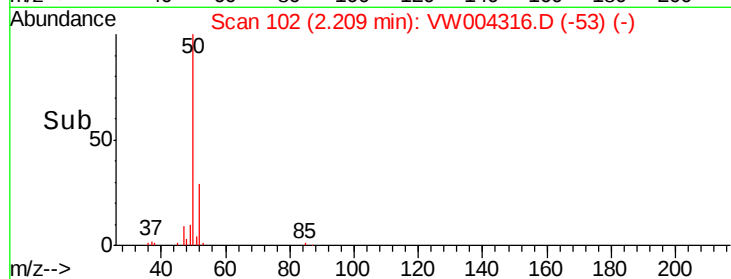
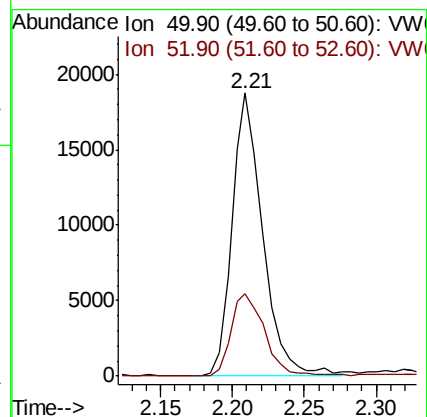
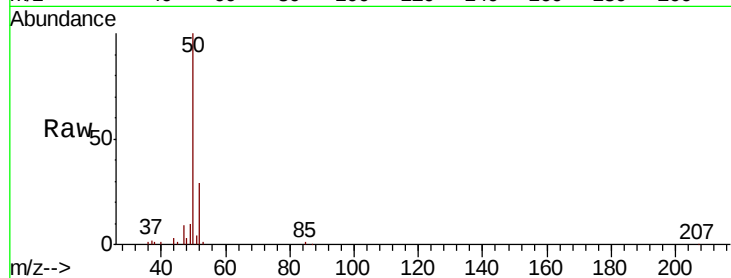
ClientSampleId :

Tot Ion: 50 Resp: 27962

Ion Ratio Lower Upper

50 100

52 29.0 24.8 37.2



#4

Vinyl Chloride

Concen: 12.333 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004316.D

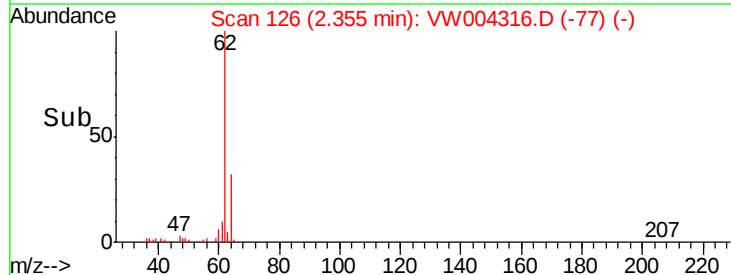
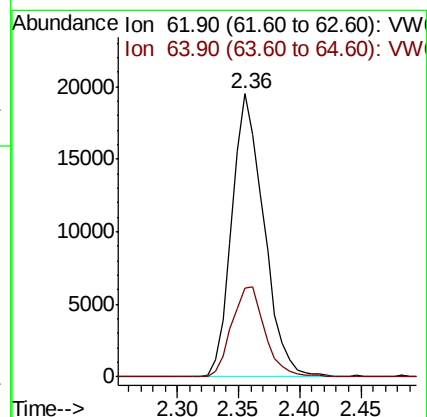
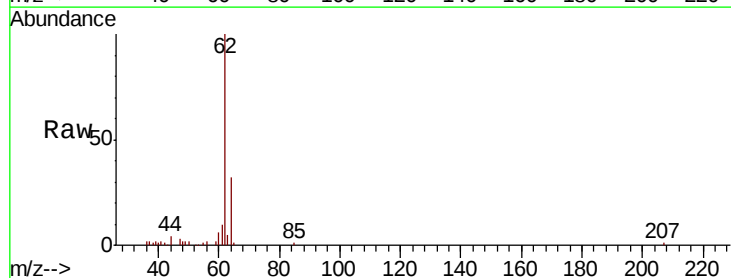
Acq: 29 Jul 2018 16:30

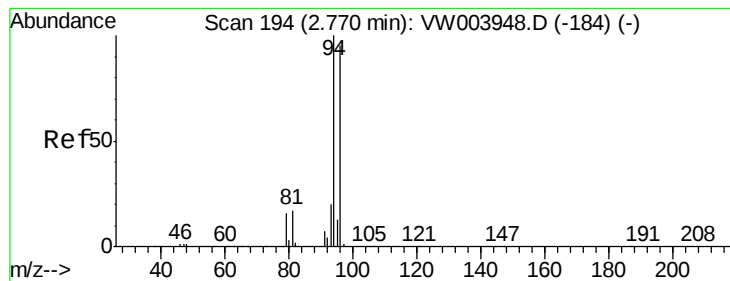
Tgt Ion: 62 Resp: 35333

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 19.613 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

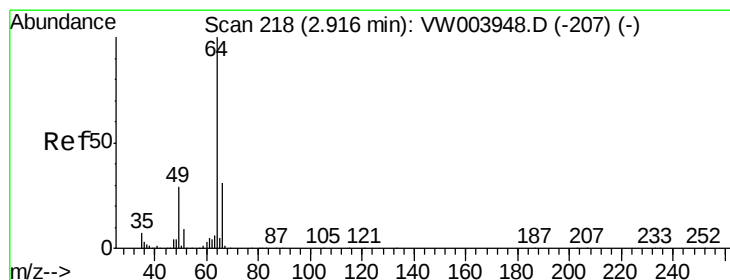
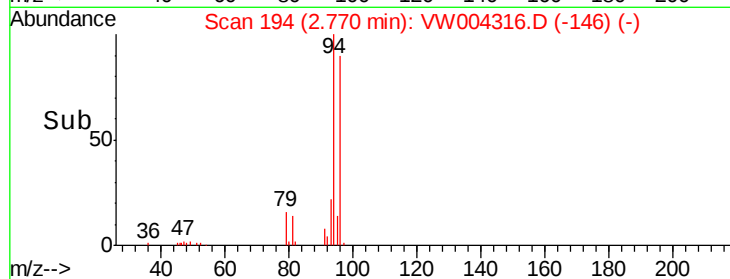
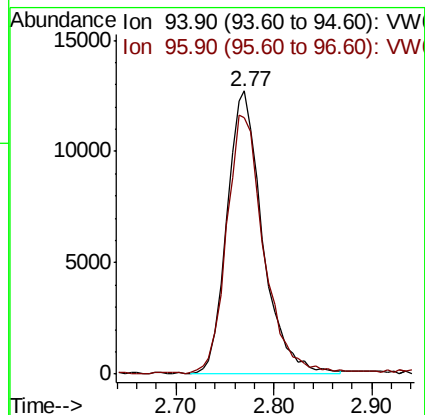
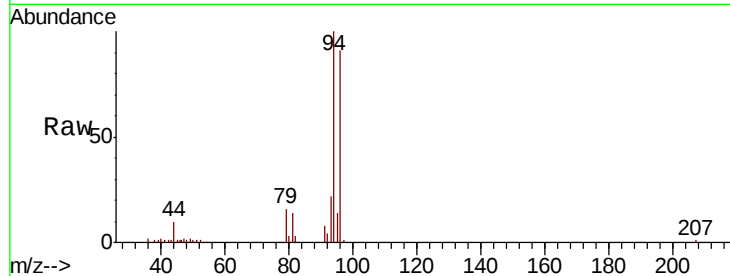
ClientSampleId :

Tot Ion: 94 Resp: 32105

Ion Ratio Lower Upper

94 100

96 90.4 73.3 109.9



#6

Chloroethane

Concen: 19.761 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004316.D

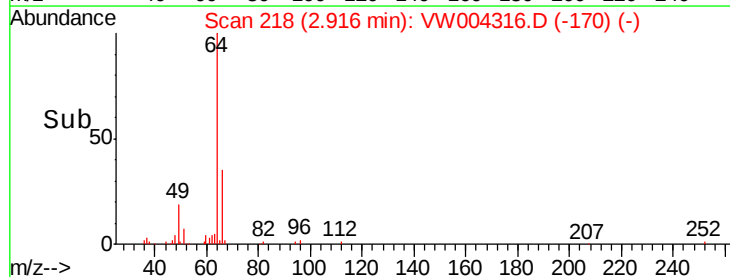
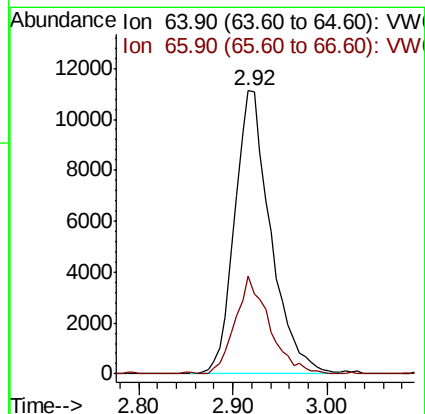
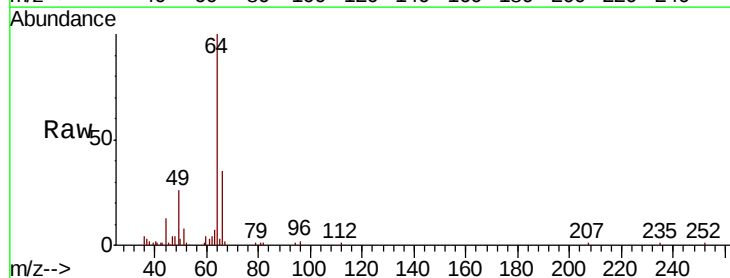
Acq: 29 Jul 2018 16:30

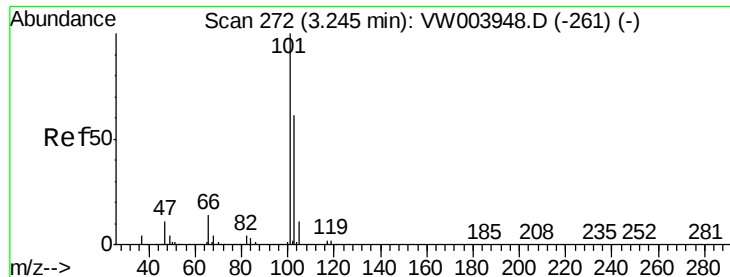
Tgt Ion: 64 Resp: 29667

Ion Ratio Lower Upper

64 100

66 34.6 23.7 35.5



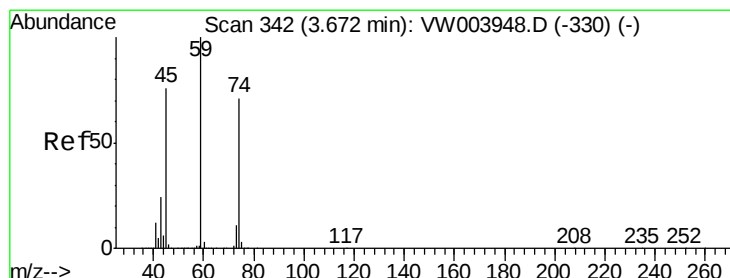
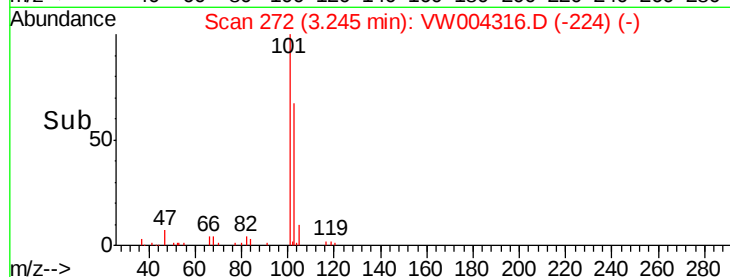
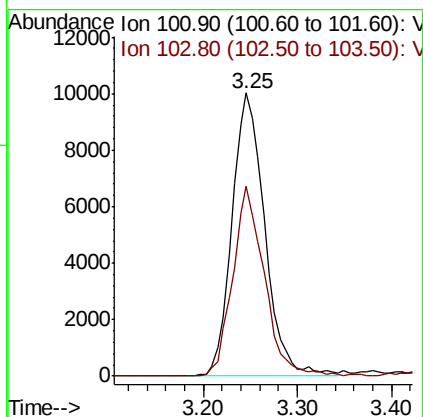
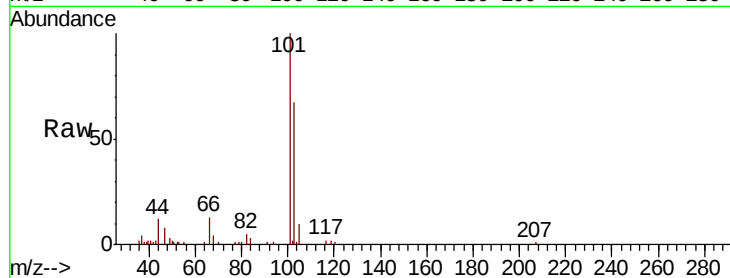


#7

Trichlorofluoromethane
 Concen: 14.782 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Instrument :
 MSVOA_W
 ClientSampled :

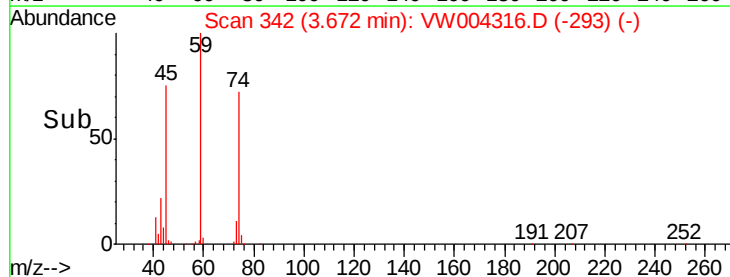
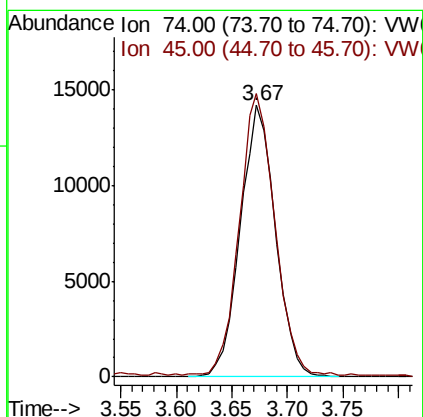
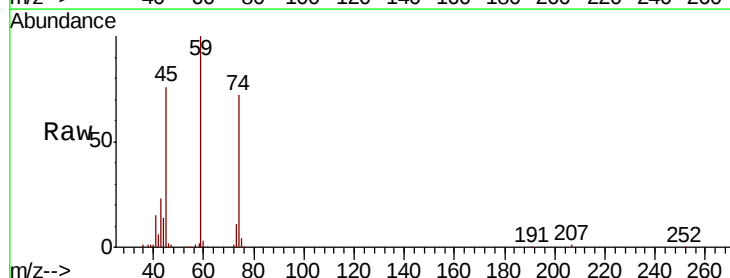
Tot Ion:101 Resp: 24309
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.8 76.2

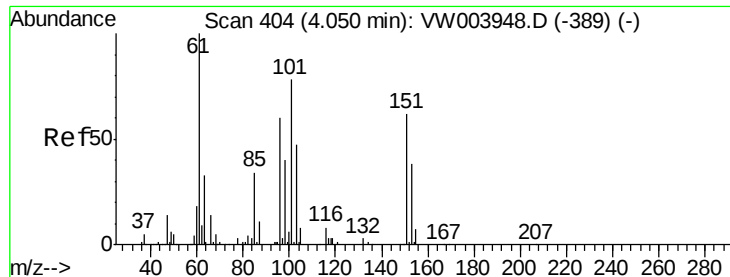


#8

Diethyl Ether
 Concen: 26.410 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Tgt Ion: 74 Resp: 31005
 Ion Ratio Lower Upper
 74 100
 45 104.5 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.481 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004316.D

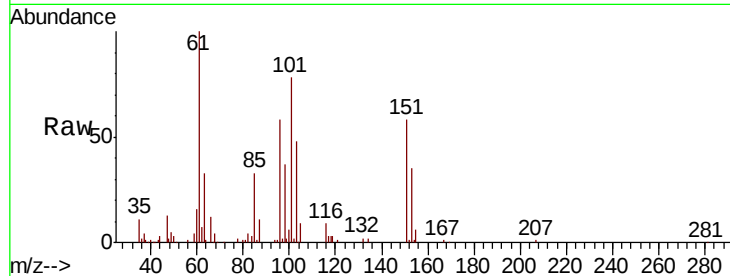
Acq: 29 Jul 2018 16:30

Instrument :

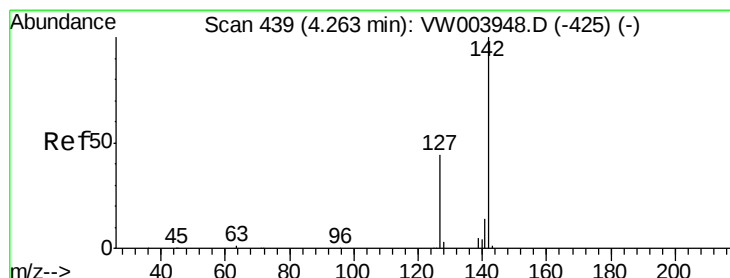
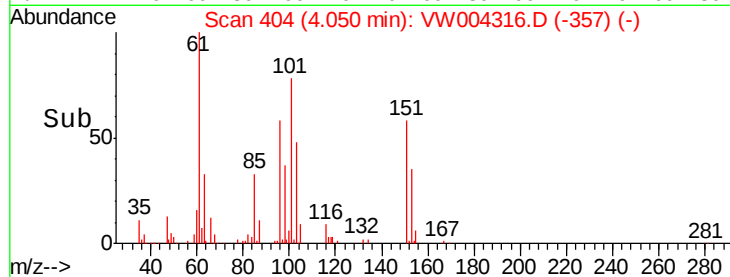
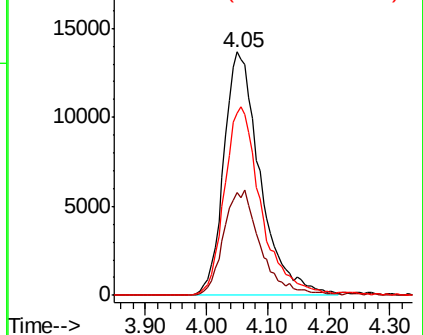
MSVOA_W

ClientSampleId :

Tot Ion:	101	Resp:	56202
Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.5	53.3
151	77.8	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: 20.339 ug/l

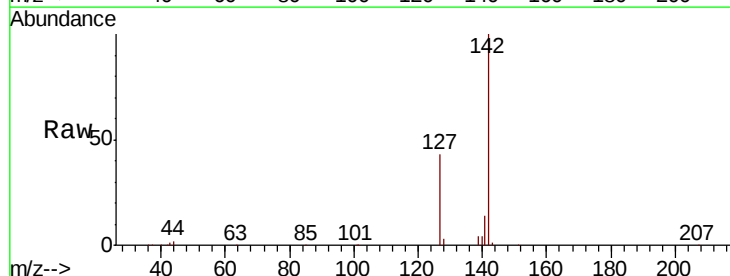
RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

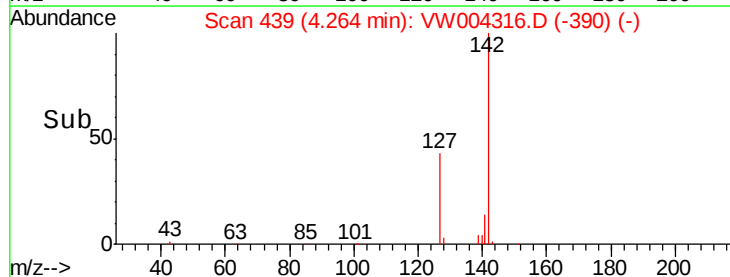
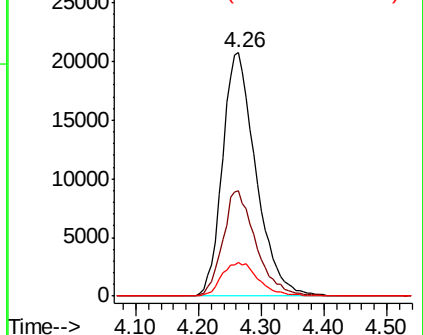
Lab File: VW004316.D

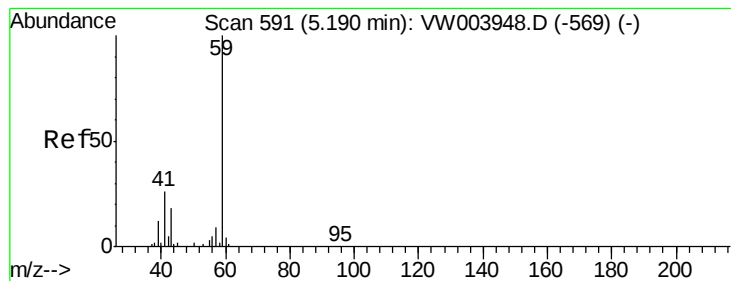
Acq: 29 Jul 2018 16:30

Tgt Ion:	142	Resp:	76500
Ion	Ratio	Lower	Upper
142	100		
127	42.9	34.6	52.0
141	14.8	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



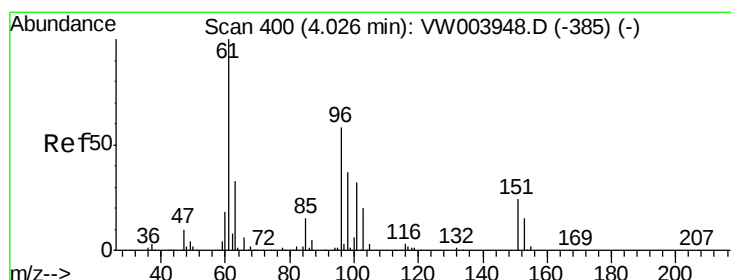
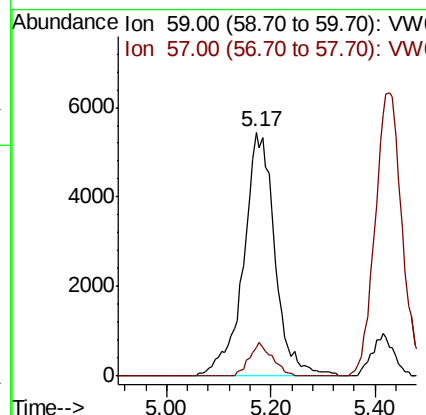
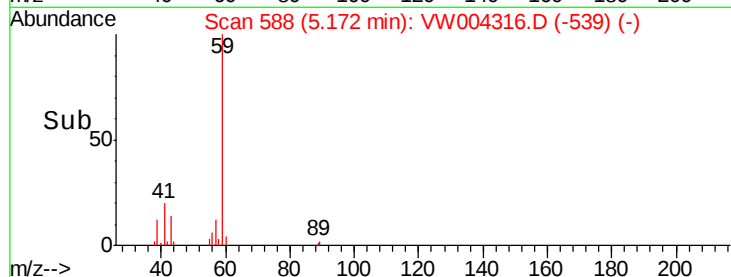
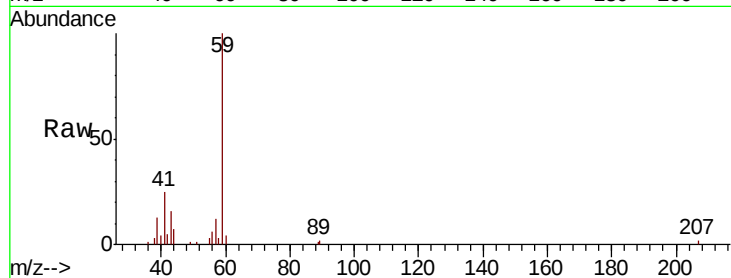


#11

Tert butyl alcohol
Concen: 127.330 ug/l
RT: 5.17 min Scan# 588
Delta R.T. 0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampleId :

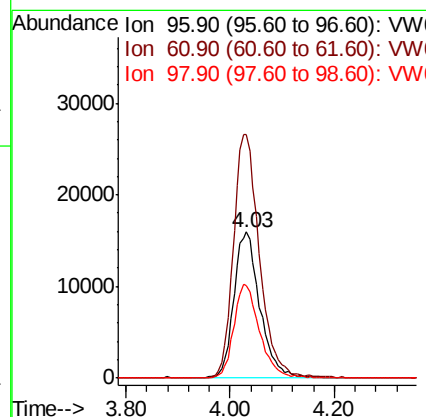
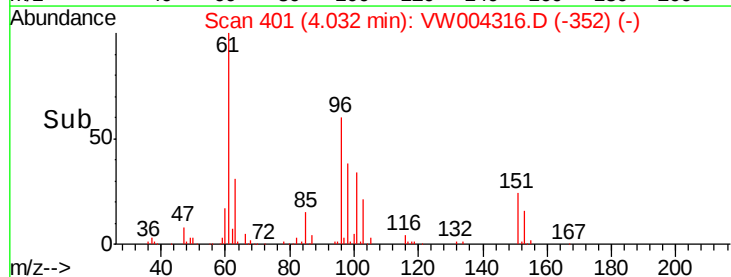
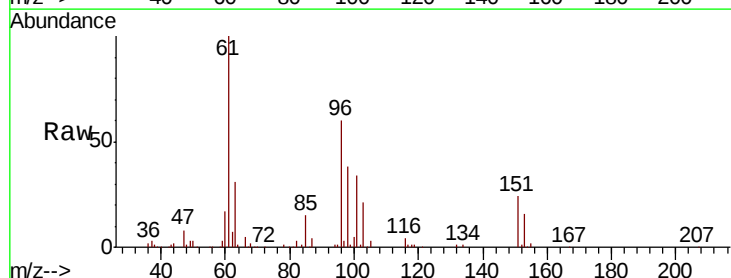
Tot Ion: 59 Resp: 22677
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6

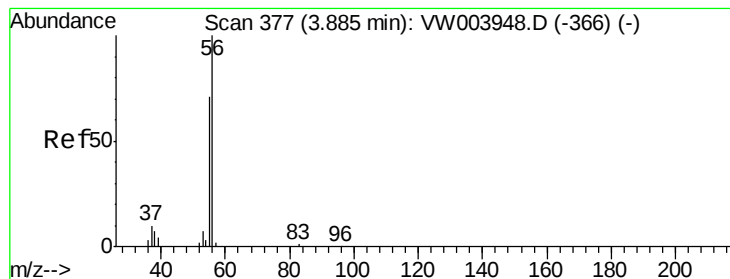


#12

1,1-Dichloroethene
Concen: 22.429 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion: 96 Resp: 55932
Ion Ratio Lower Upper
96 100
61 166.9 133.4 200.0
98 63.6 51.9 77.9





#13

Acrolein

Concen: 109.410 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

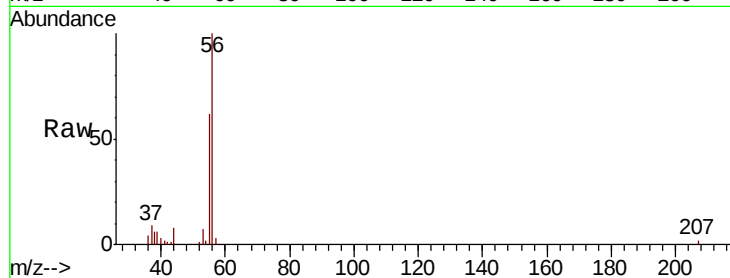
ClientSampleId :

Tot Ion: 56 Resp: 17661

Ion Ratio Lower Upper

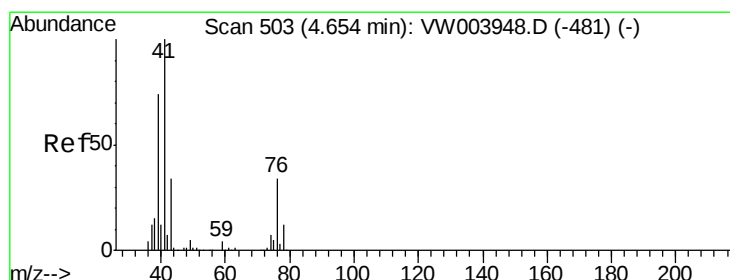
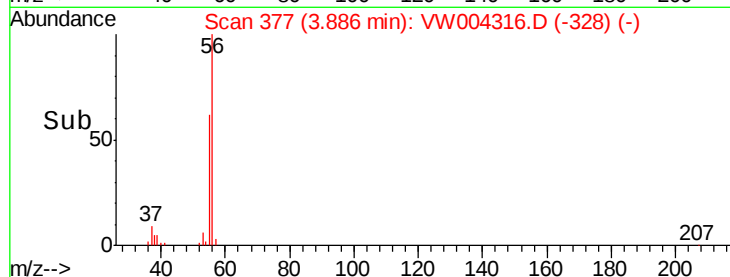
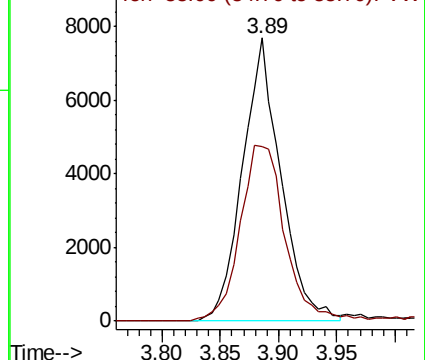
56 100

55 72.9 59.4 89.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.473 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

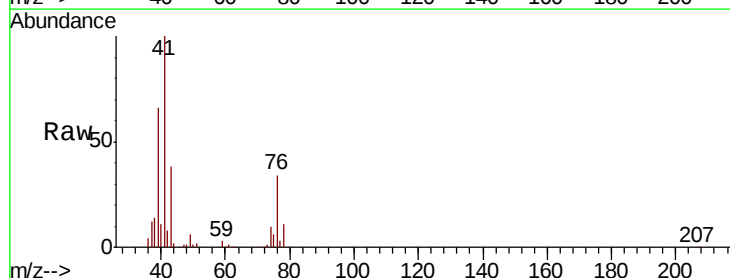
Tgt Ion: 41 Resp: 87738

Ion Ratio Lower Upper

41 100

39 65.2 52.3 78.5

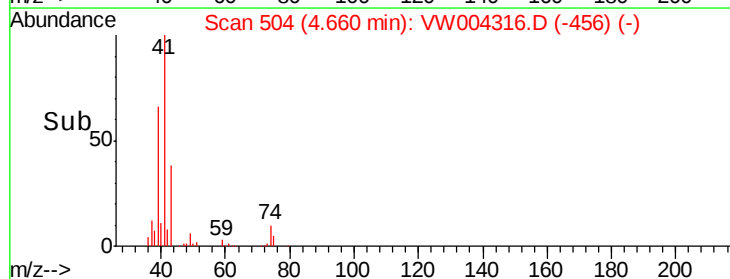
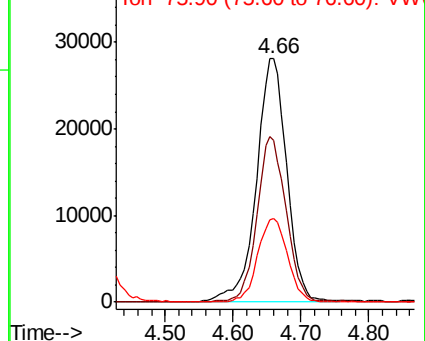
76 33.6 27.3 40.9

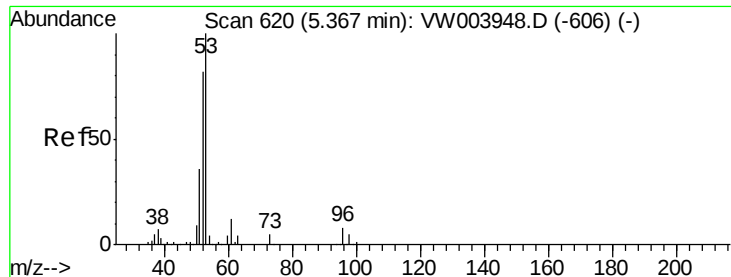


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 117.775 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

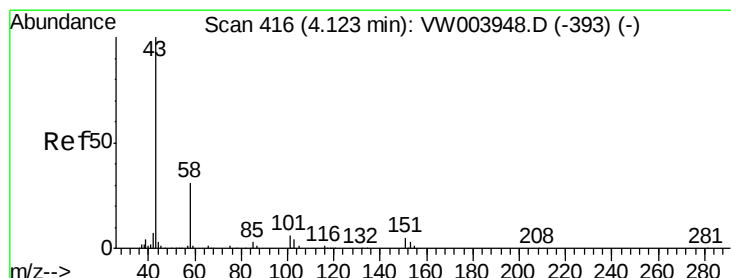
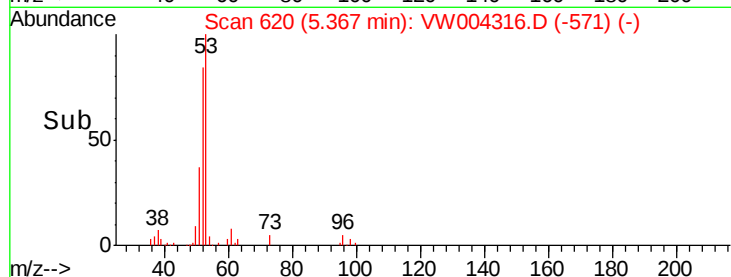
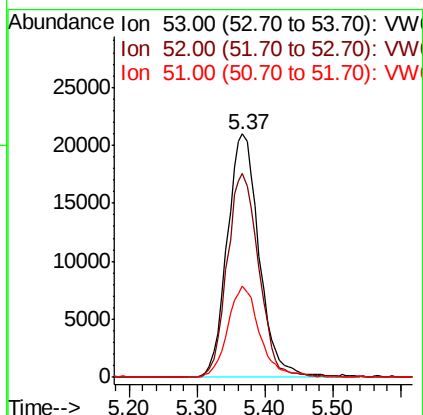
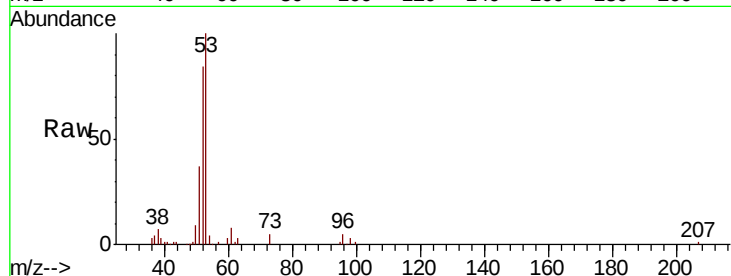
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 53 Resp: 68471

Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.7	98.5
51	37.2	29.2	43.8



#16

Acetone

Concen: 107.707 ug/l

RT: 4.12 min Scan# 415

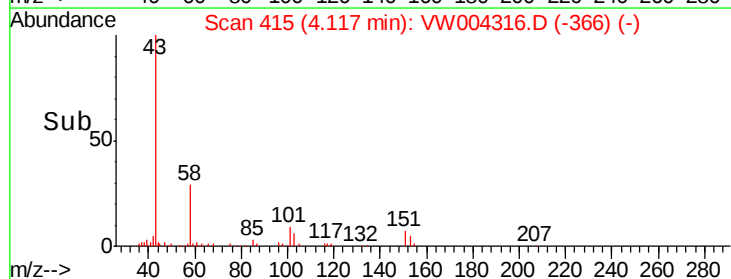
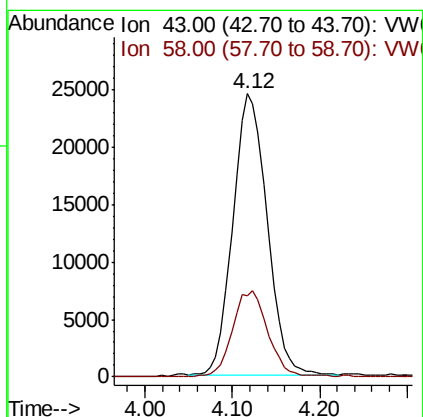
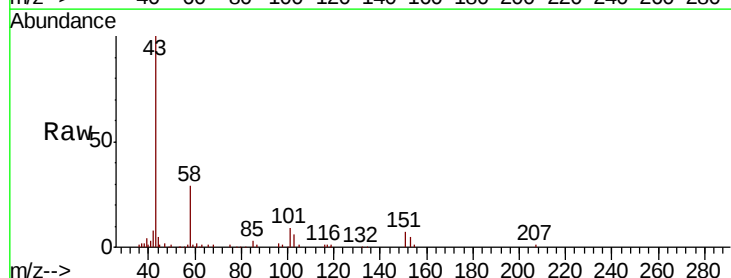
Delta R.T. 0.00 min

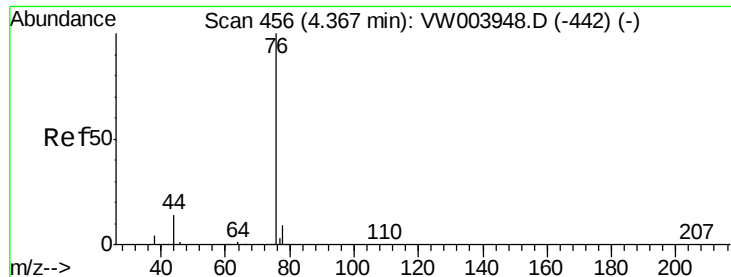
Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Tgt Ion: 43 Resp: 66247

Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.8	37.2

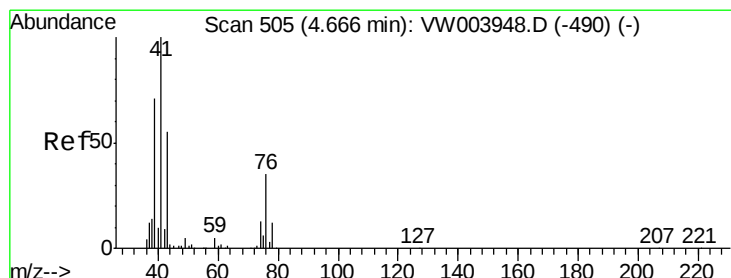
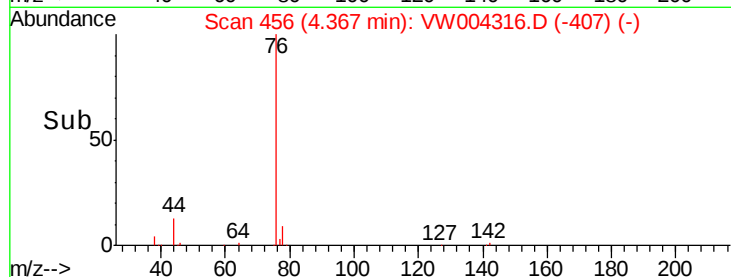
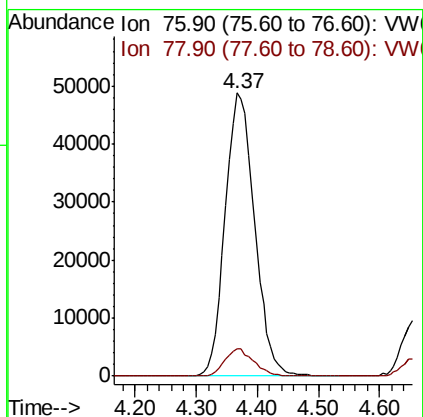
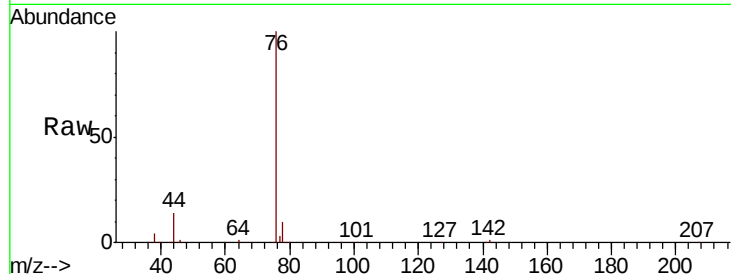




#17
Carbon Disulfide
Concen: 20.624 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

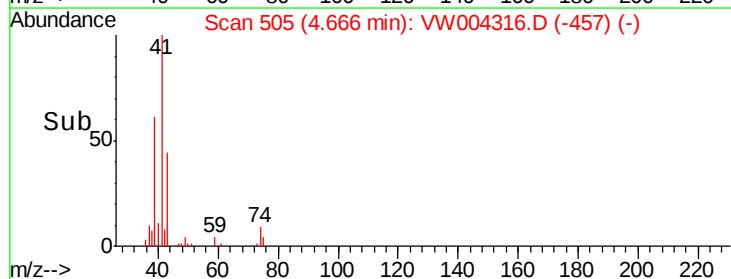
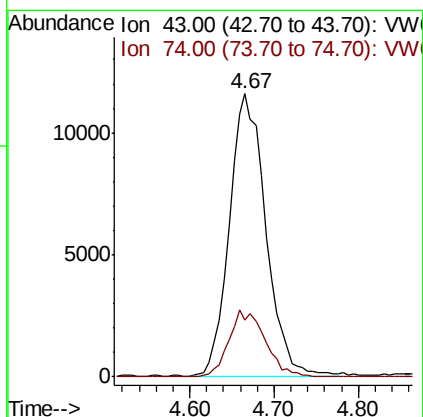
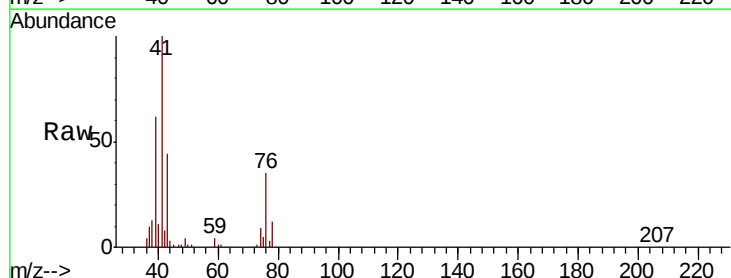
Instrument :
MSVOA_W
ClientSampled :

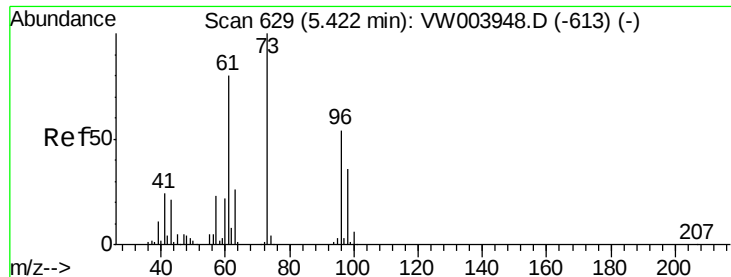
Tot Ion: 76 Resp: 162165
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 23.537 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion: 43 Resp: 34141
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.6

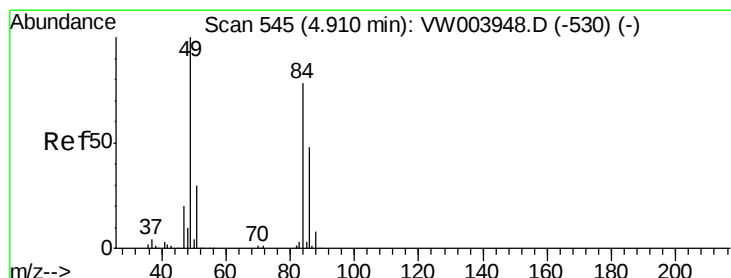
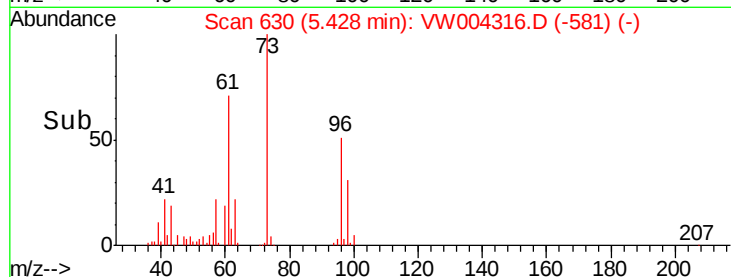
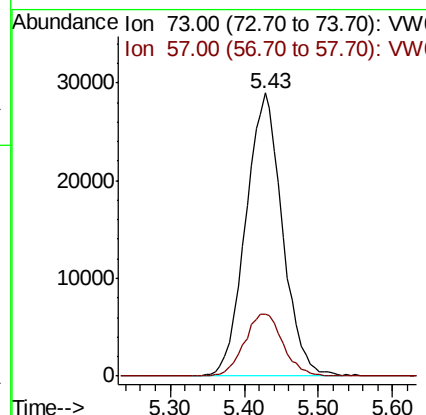
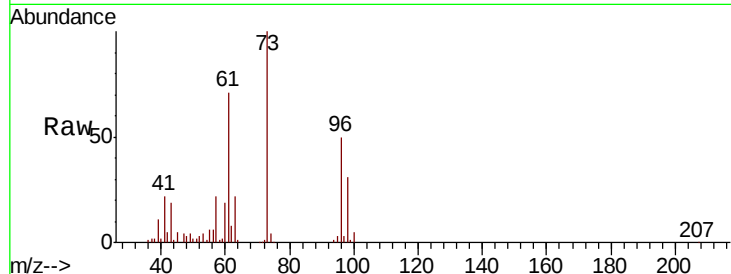




#19
Methvl tert-butvl Ether
Concen: 21.661 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

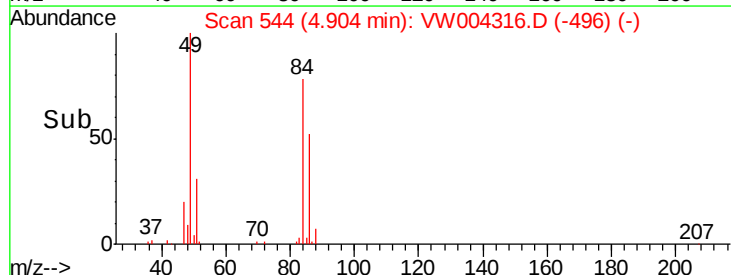
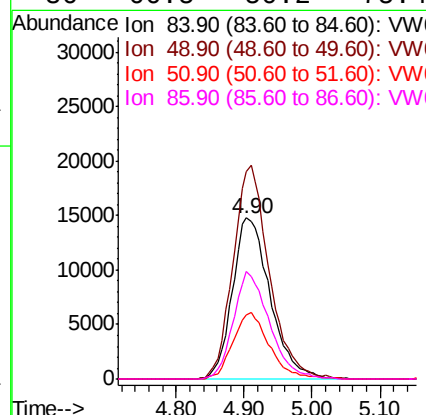
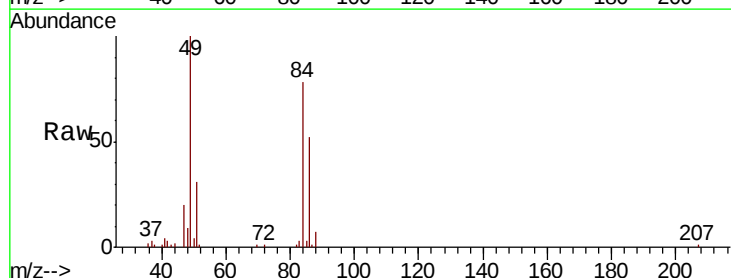
Instrument :
MSVOA_W
ClientSampled :

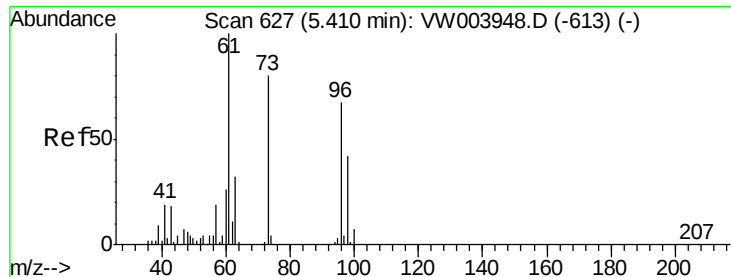
Tot Ion: 73 Resp: 99772
Ion Ratio Lower Upper
73 100
57 21.8 18.4 27.6



#20
Methylene Chloride
Concen: 21.469 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion: 84 Resp: 56948
Ion Ratio Lower Upper
84 100
49 128.4 100.5 150.7
51 39.5 30.9 46.3
86 66.5 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.847 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampleId :

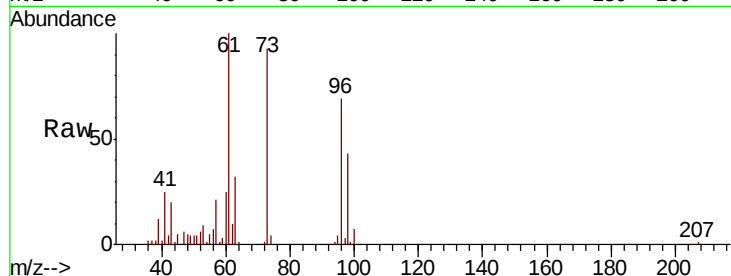
Tot Ion: 96 Resp: 56319

Ion Ratio Lower Upper

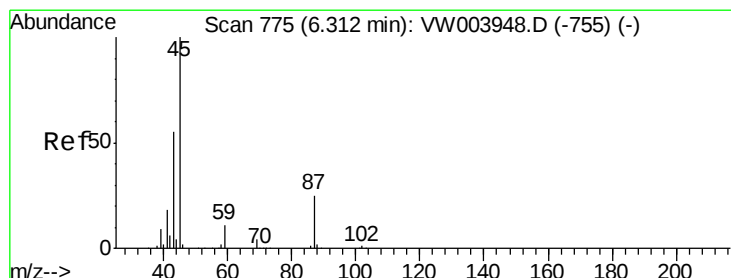
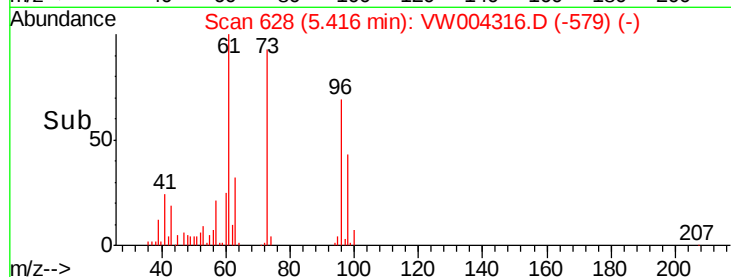
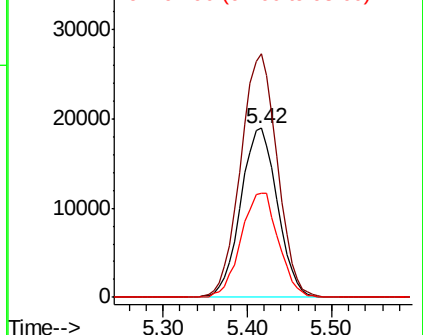
96 100

61 143.9 116.2 174.2

98 61.4 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: 22.226 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Tgt Ion: 45 Resp: 177497

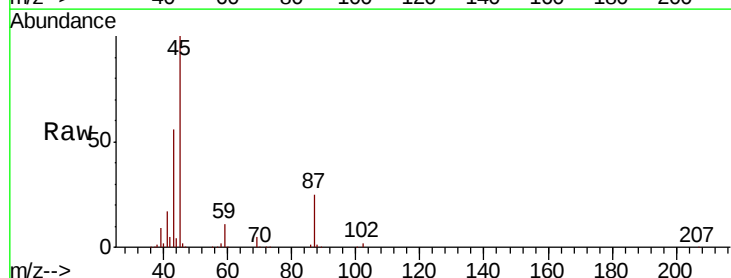
Ion Ratio Lower Upper

45 100

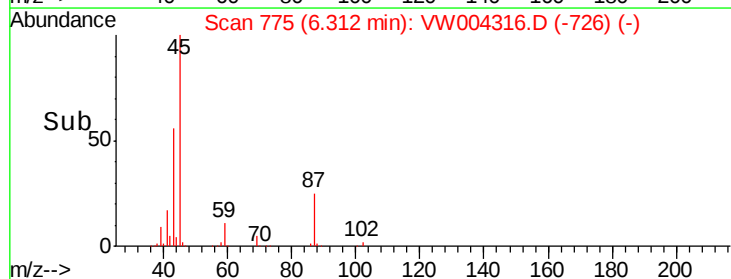
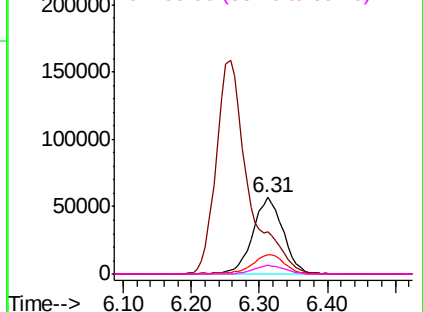
43 54.9 42.3 63.5

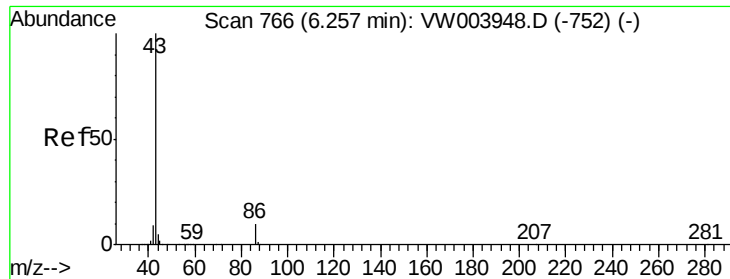
87 24.9 19.9 29.9

59 11.1 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: 112.179 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

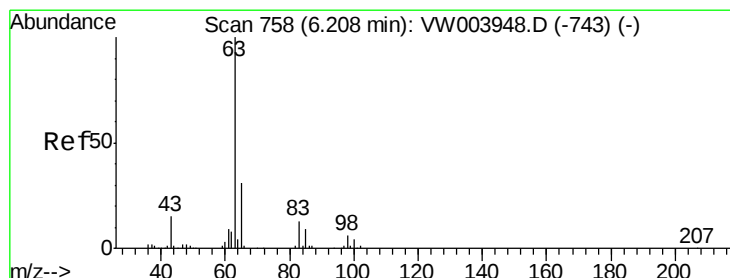
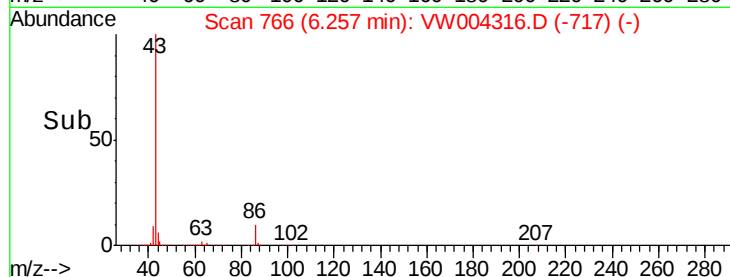
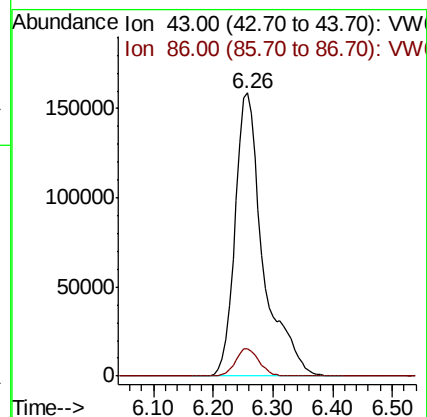
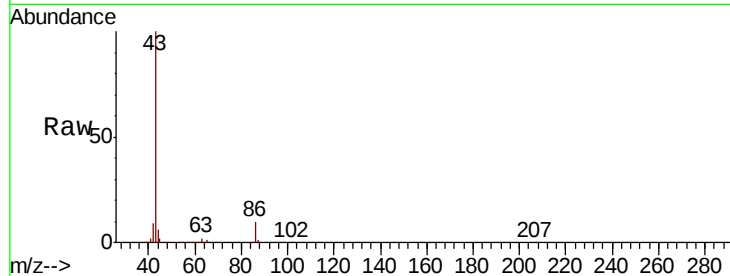
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 519746

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



#24

1,1-Dichloroethane

Concen: 20.918 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

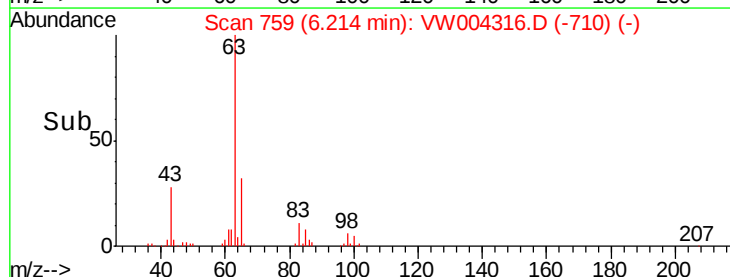
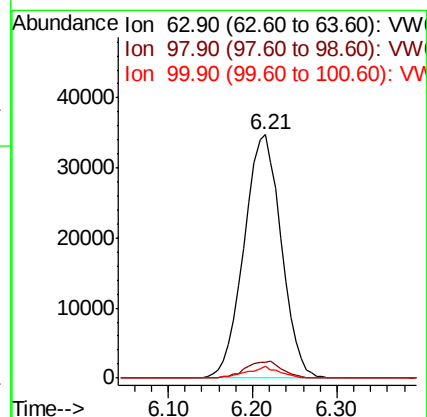
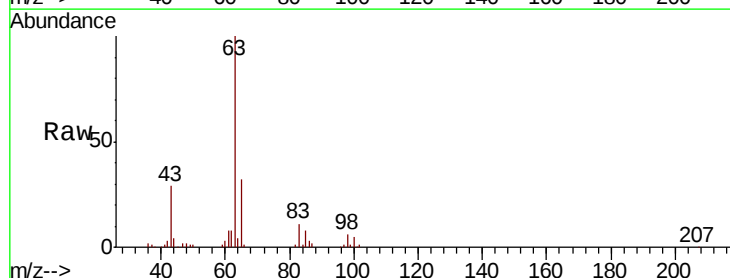
Tgt Ion: 63 Resp: 104218

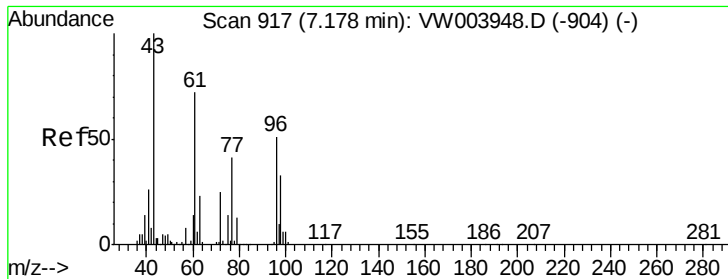
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 123.367 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

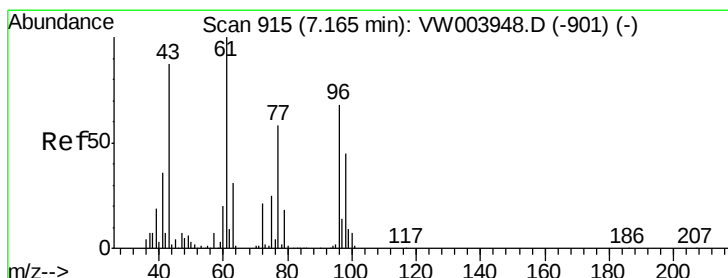
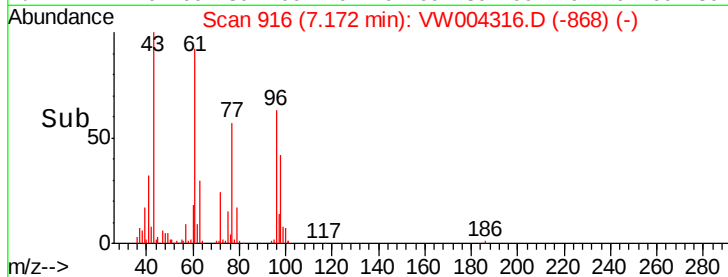
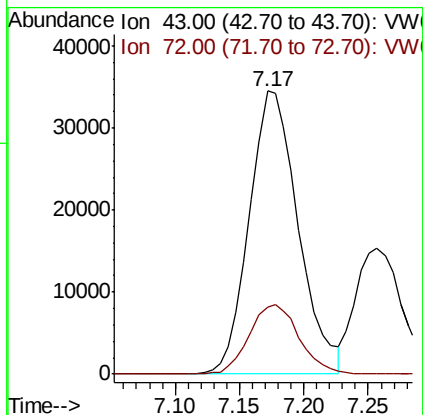
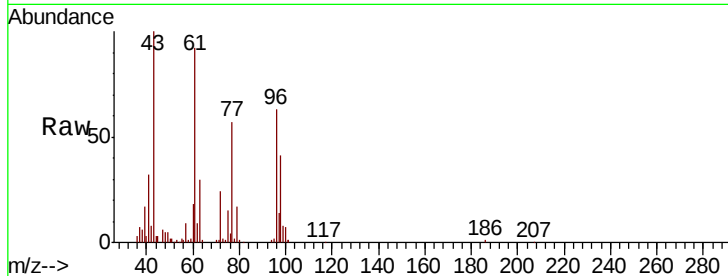
ClientSampled :

Tot Ion: 43 Resp: 91153

Ion Ratio Lower Upper

43 100

72 23.6 20.3 30.5



#26

2,2-Dichloropropane

Concen: 19.362 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004316.D

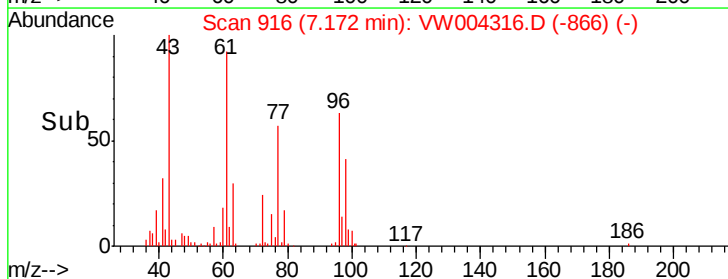
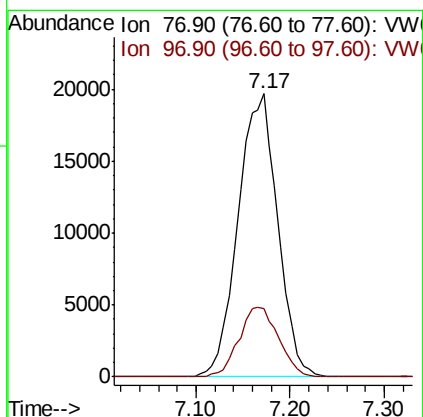
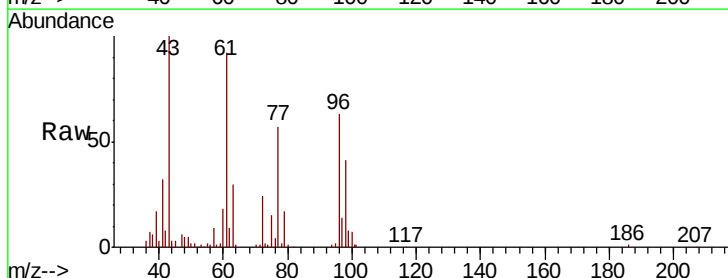
Acq: 29 Jul 2018 16:30

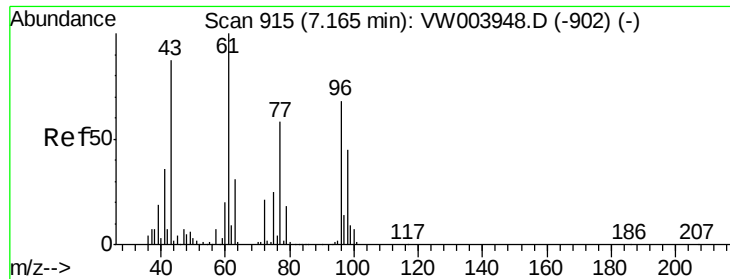
Tgt Ion: 77 Resp: 57773

Ion Ratio Lower Upper

77 100

97 24.7 11.7 35.1



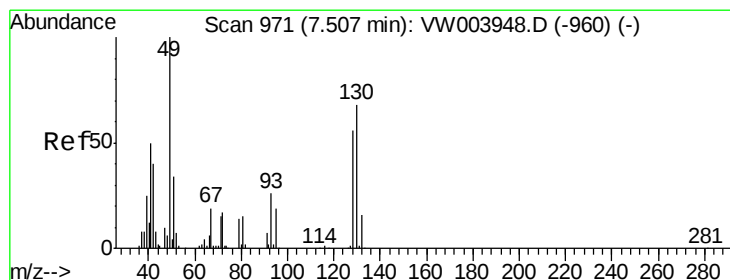
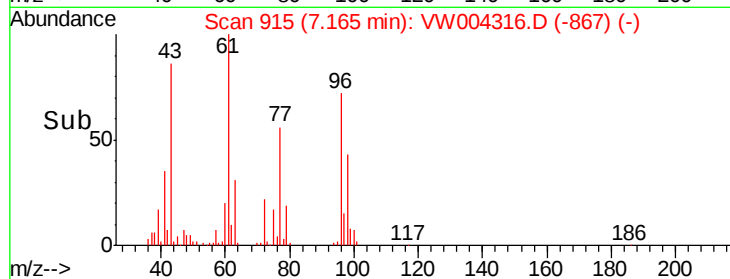
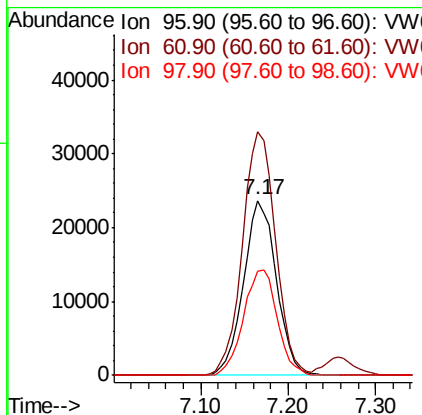
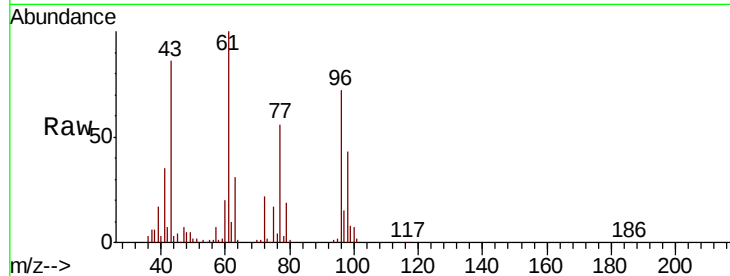


#27

cis-1,2-Dichloroethene
 Concen: 21.573 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Instrument :
 MSVOA_W
 ClientSampleId :

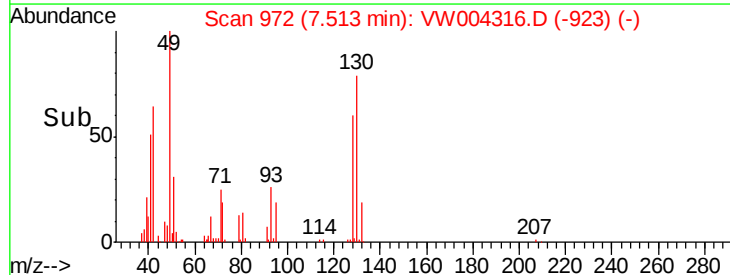
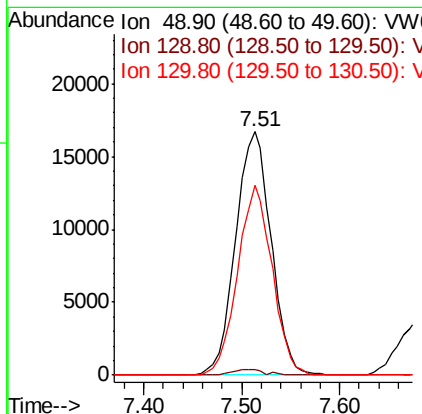
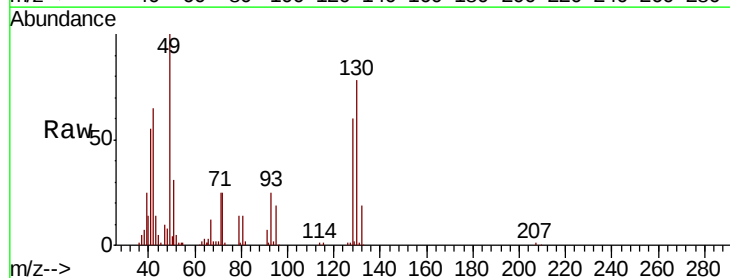
Tot Ion	96	Resp	61797
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	292.0
98	61.9	0.0	129.6

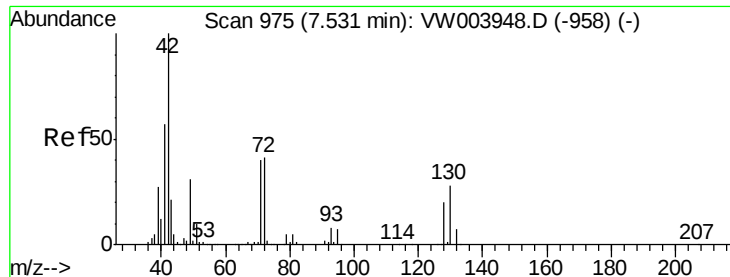


#28

Bromochloromethane
 Concen: 23.338 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Tgt Ion	49	Resp	42067
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	75.7	61.5	92.3

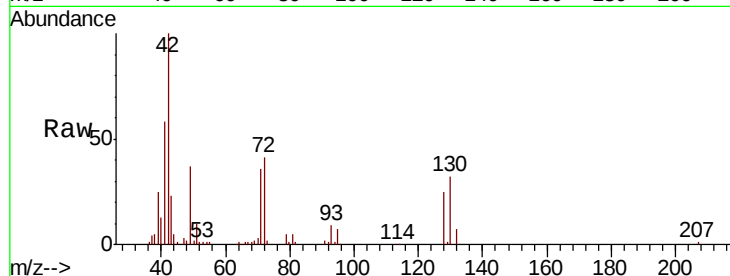




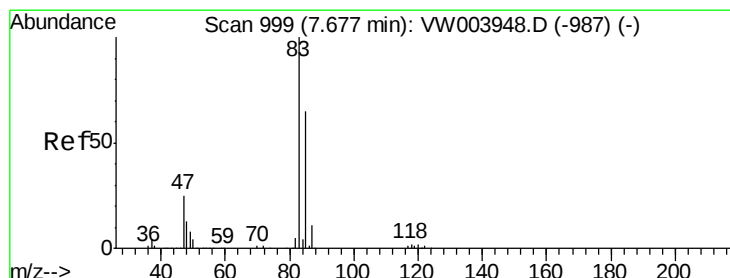
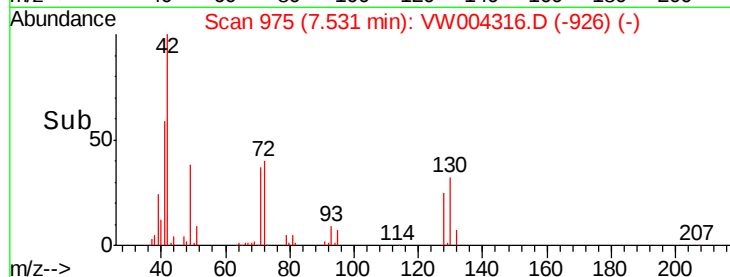
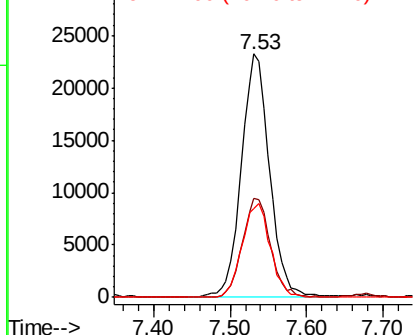
#29
Tetrahydrofuran
Concen: 118.552 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 59732
Ion Ratio Lower Upper
42 100
72 40.5 32.6 48.8
71 38.5 31.3 46.9

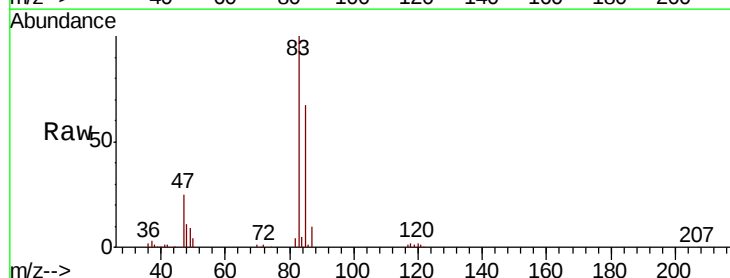


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

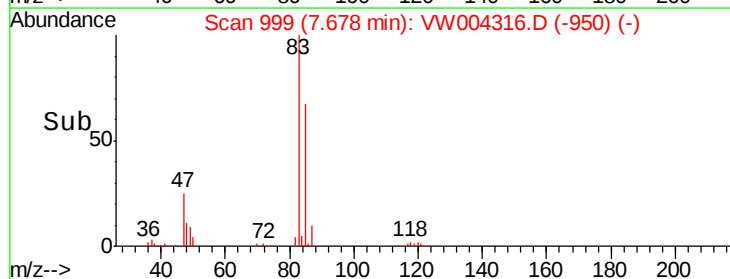
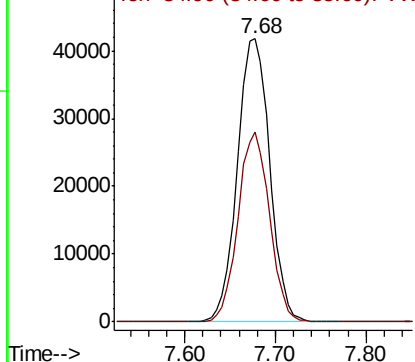


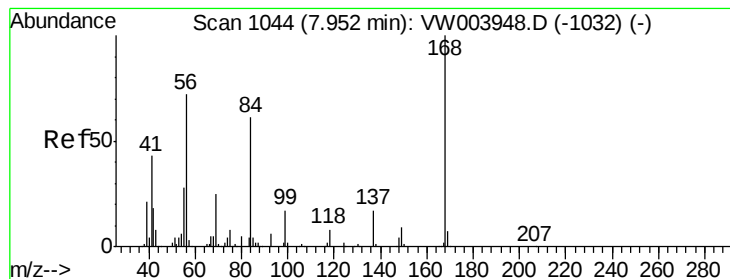
#30
Chloroform
Concen: 21.057 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion: 83 Resp: 103446
Ion Ratio Lower Upper
83 100
85 67.0 51.5 77.3



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





#31

Cyclohexane

Concen: 20.617 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampled :

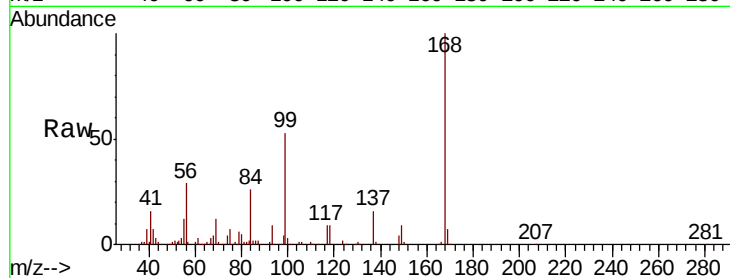
Tot Ion: 56 Resp: 93637

Ion Ratio Lower Upper

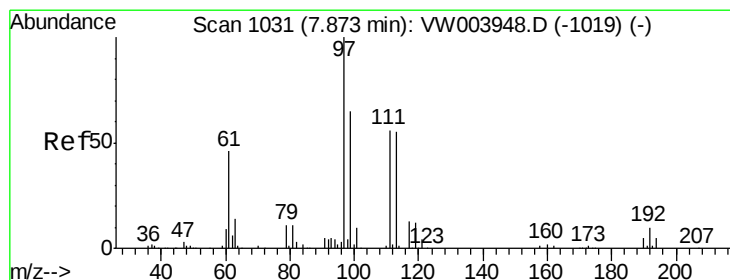
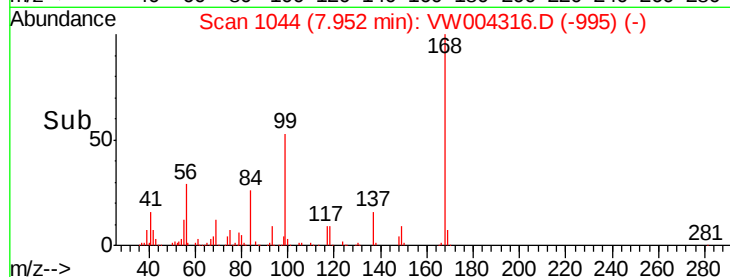
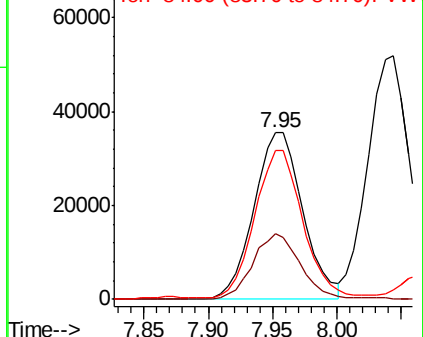
56 100

69 39.2 26.3 39.5

84 88.2 66.2 99.4



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



#32

1,1,1-Trichloroethane

Concen: 20.661 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

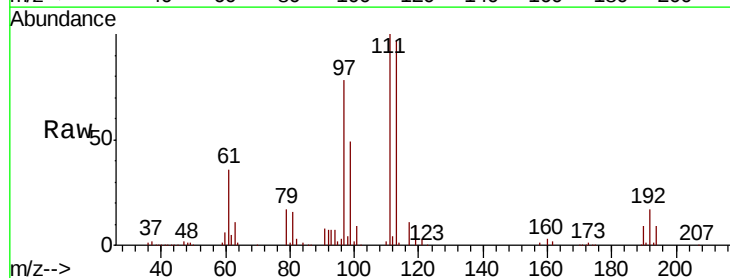
Tgt Ion: 97 Resp: 83359

Ion Ratio Lower Upper

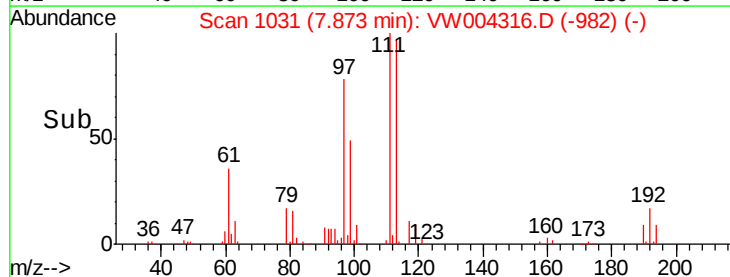
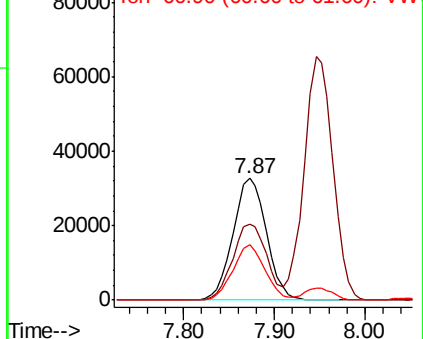
97 100

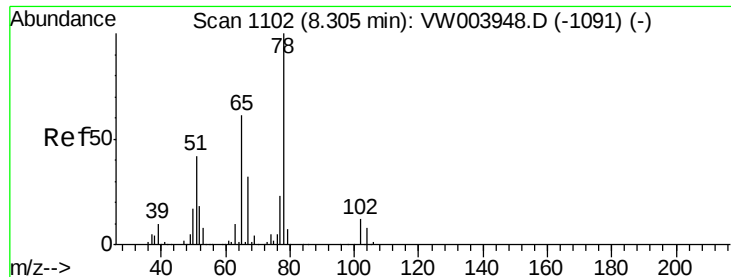
99 63.7 51.7 77.5

61 44.0 34.8 52.2



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





#33

1,2-Dichloroethane-d4

Concen: 54.217 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

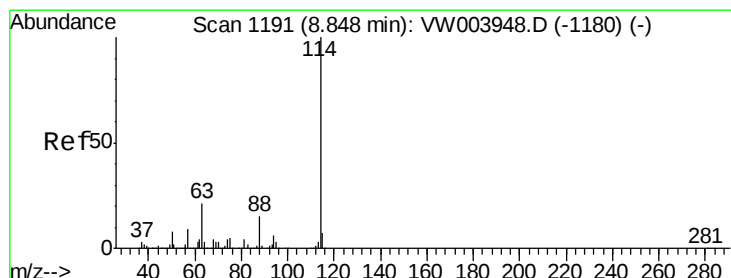
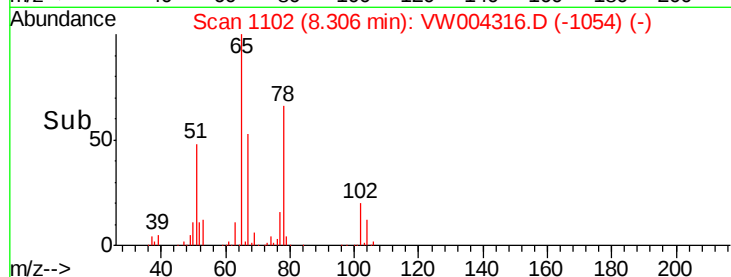
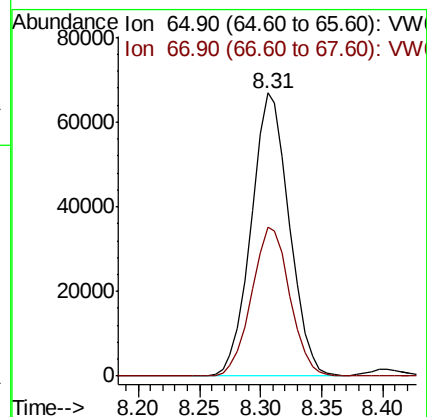
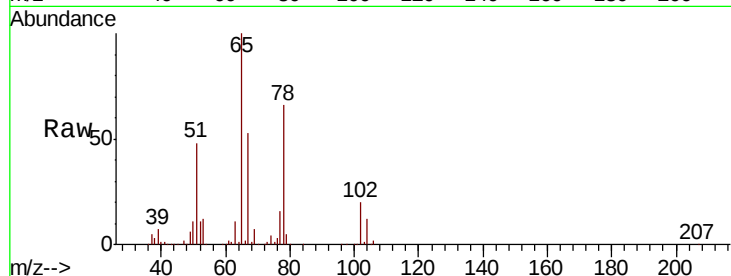
ClientSampleId :

Tot Ion: 65 Resp: 144238

Ion Ratio Lower Upper

65 100

67 53.0 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: VW004316.D

Acq: 29 Jul 2018 16:30

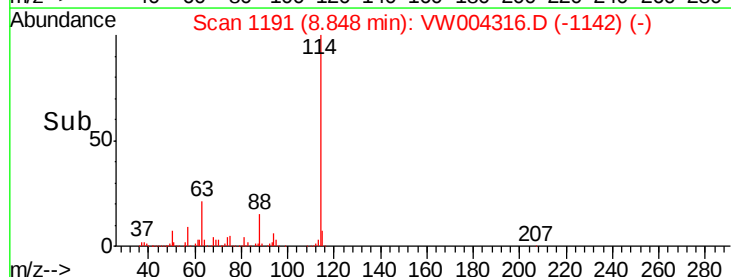
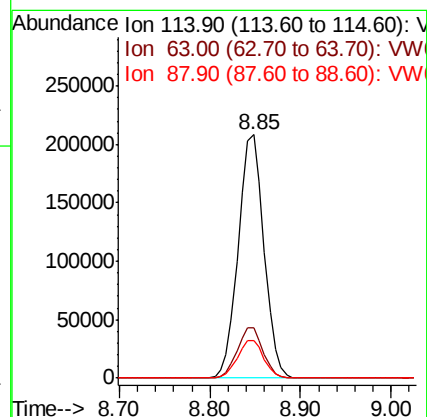
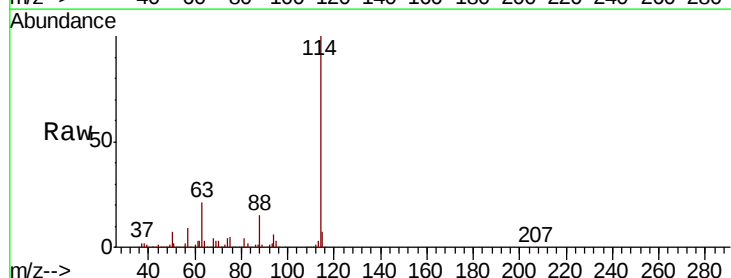
Tgt Ion: 114 Resp: 409697

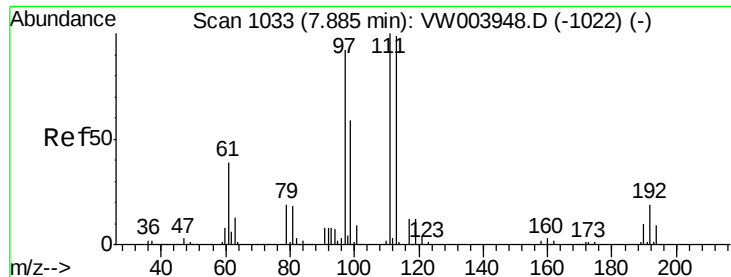
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.967 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampleId :

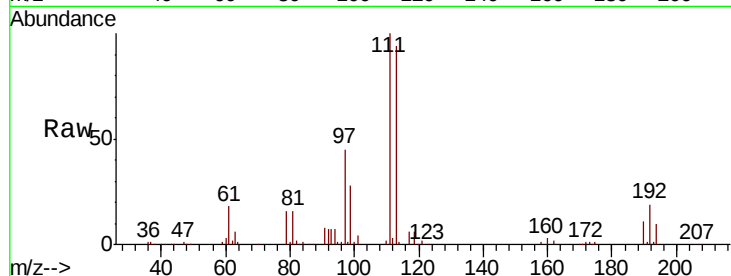
Tot Ion:113 Resp: 131961

Ion Ratio Lower Upper

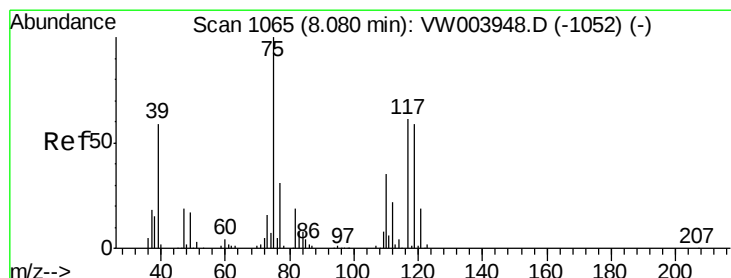
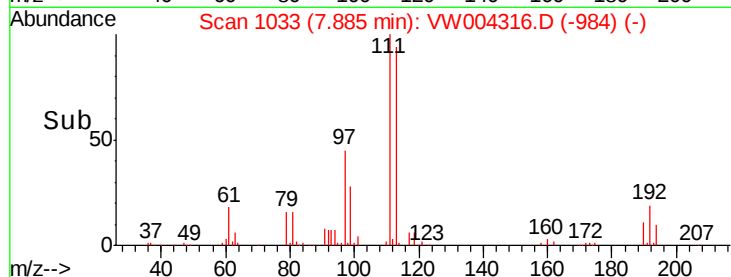
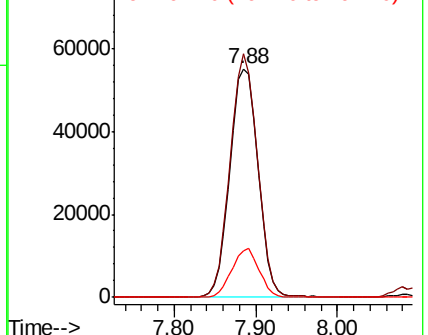
113 100

111 103.0 82.1 123.1

192 20.5 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: 20.168 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

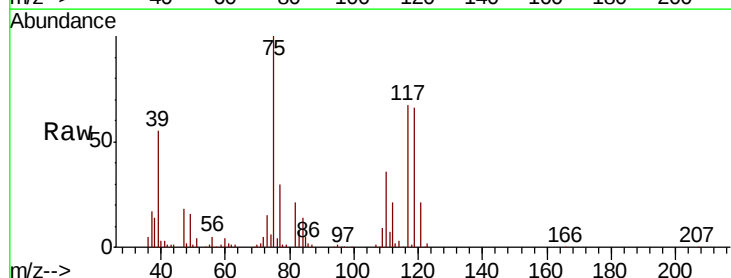
Tgt Ion: 75 Resp: 82662

Ion Ratio Lower Upper

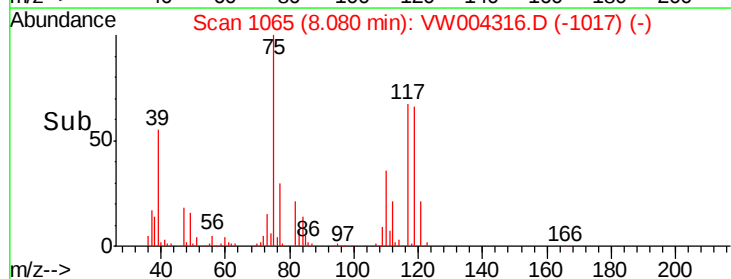
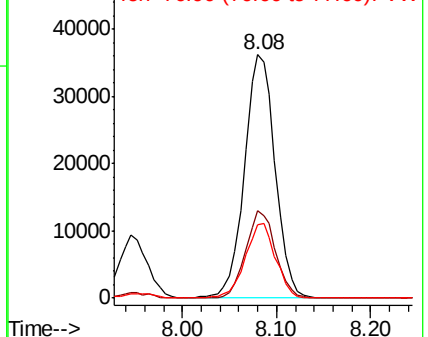
75 100

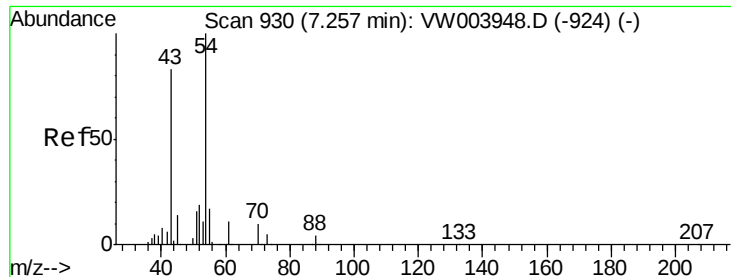
110 34.7 17.3 52.0

77 30.5 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

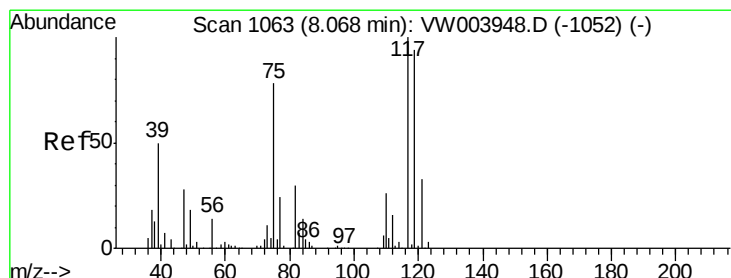
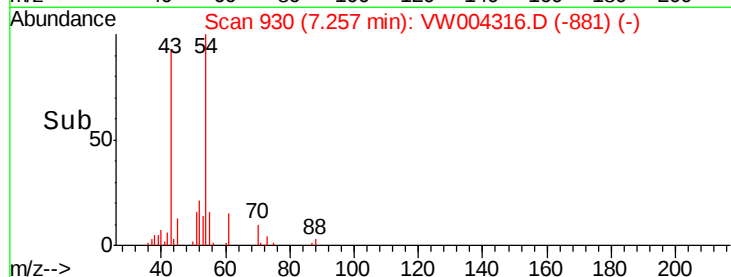
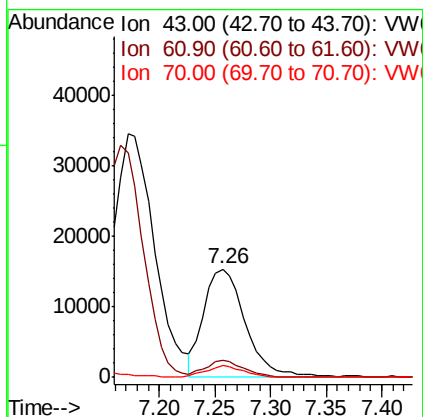
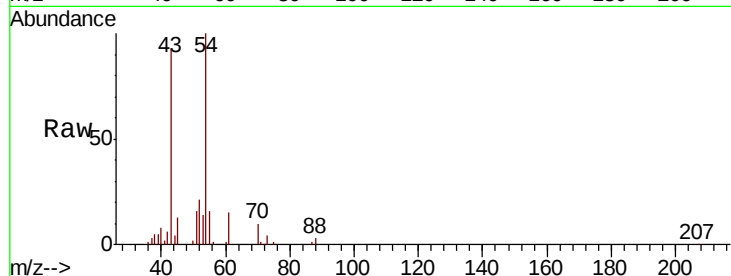




#37
Ethyl Acetate
Concen: 23.346 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

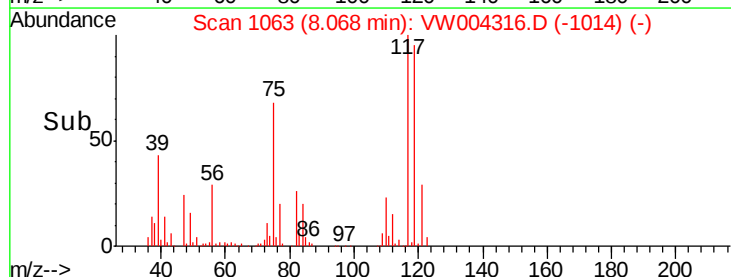
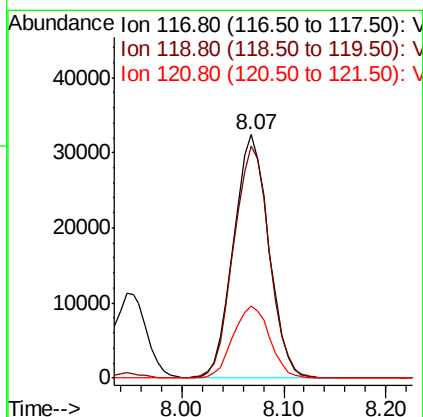
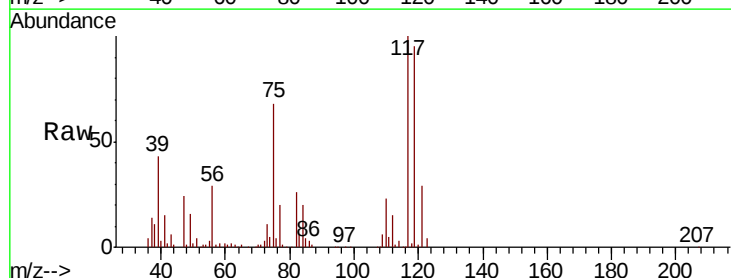
Instrument :
MSVOA_W
ClientSampled :

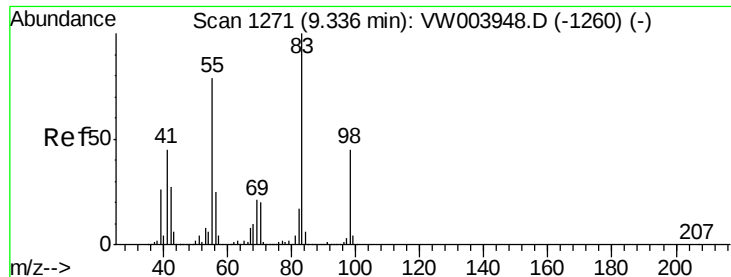
Tot Ion: 43 Resp: 39211
Ion Ratio Lower Upper
43 100
61 14.9 11.1 16.7
70 10.2 7.8 11.6



#38
Carbon Tetrachloride
Concen: 19.237 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion: 117 Resp: 77853
Ion Ratio Lower Upper
117 100
119 95.3 79.7 119.5
121 29.4 25.7 38.5

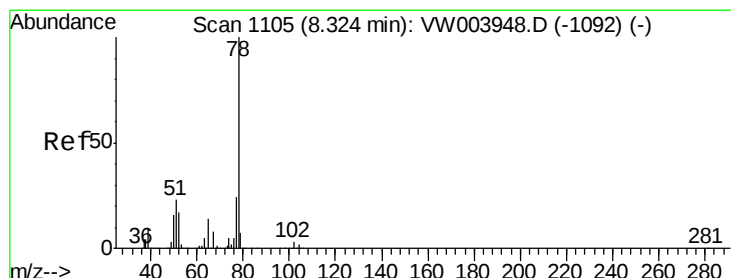
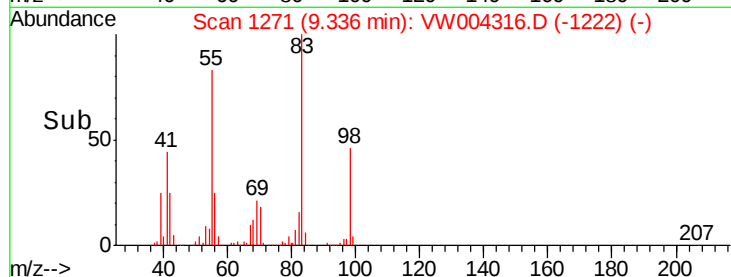
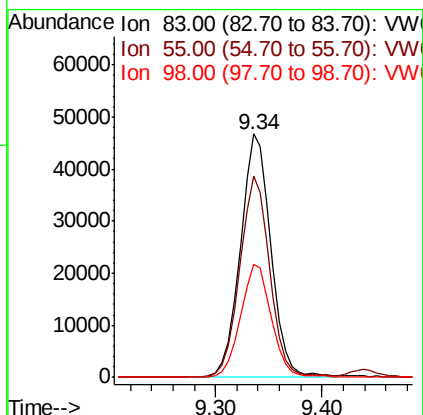
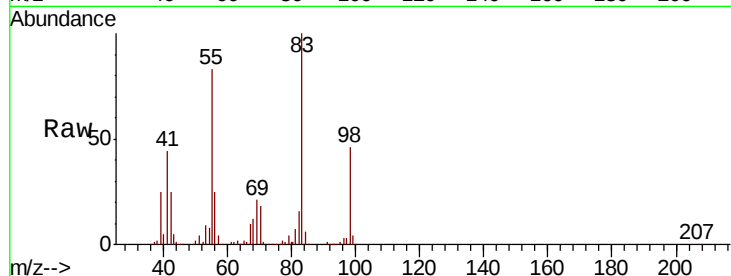




#39
Methvlcvclohexane
Concen: 19.032 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

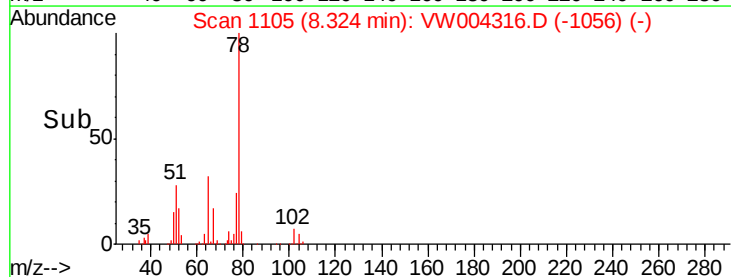
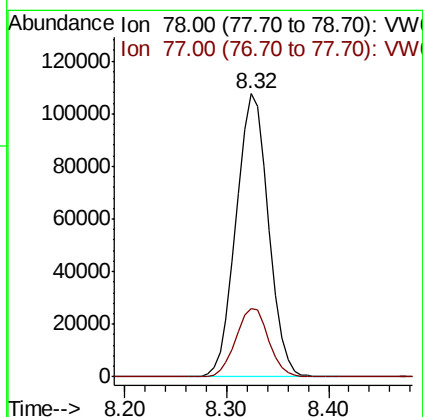
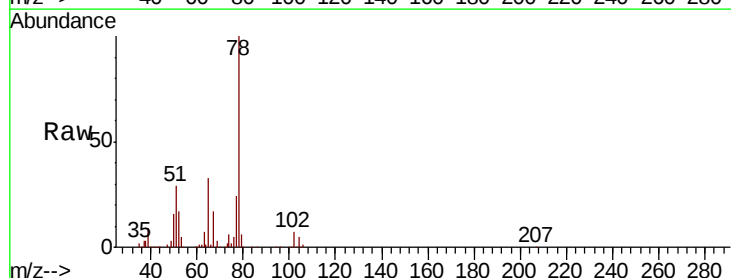
Instrument :
MSVOA_W
ClientSampleId :

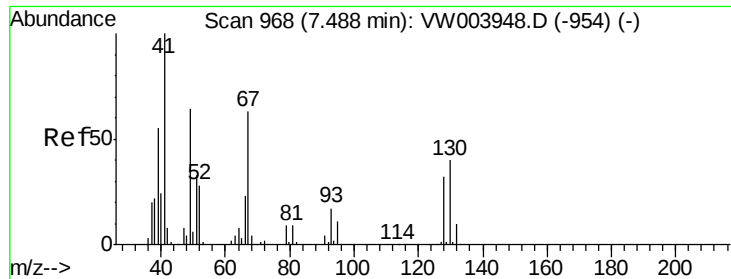
Tot Ion	83	Resp	93993
Ion	Ratio	Lower	Upper
83	100		
55	82.9	64.3	96.5
98	46.4	36.3	54.5



#40
Benzene
Concen: 20.478 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion	78	Resp	236105
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0

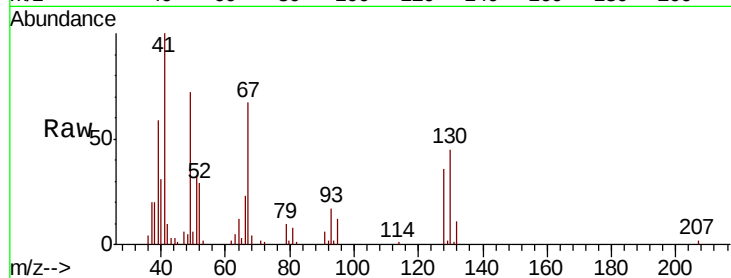




#41
Methacrylonitrile
Concen: 22.459 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	23404
Ion	Ratio	Lower	Upper
41	100		
39	53.5	41.2	61.8
67	67.4	53.4	80.0
52	29.9	22.4	33.6



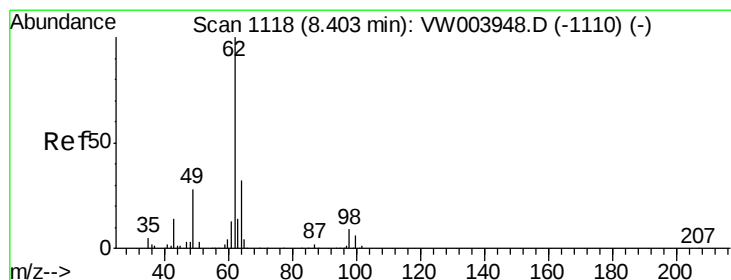
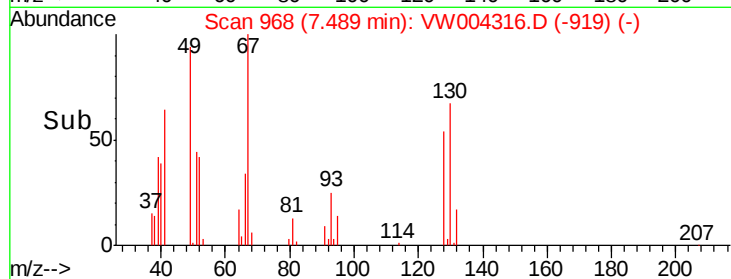
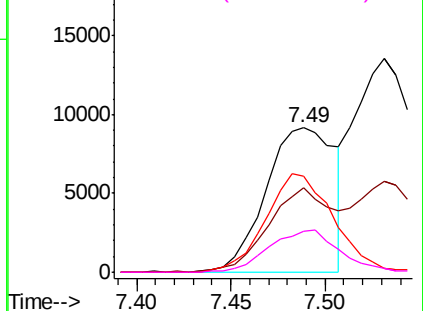
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

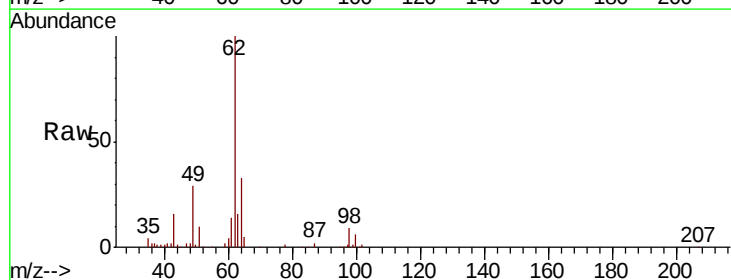
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.991 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

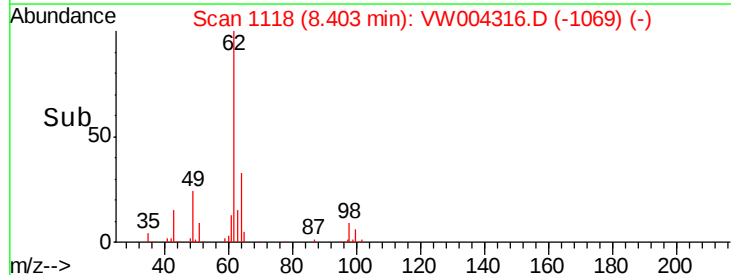
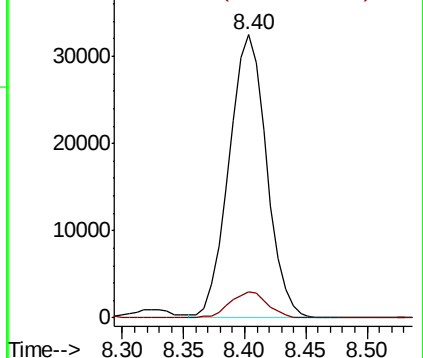
Tgt Ion:	62	Resp:	69194
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

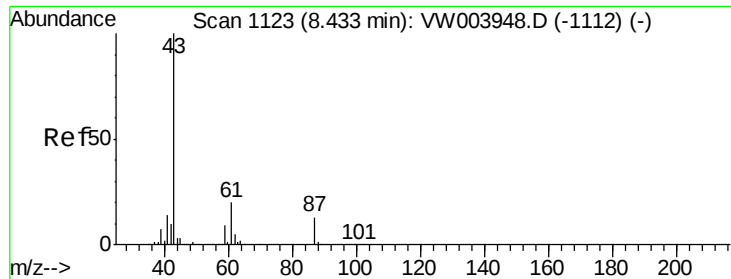


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



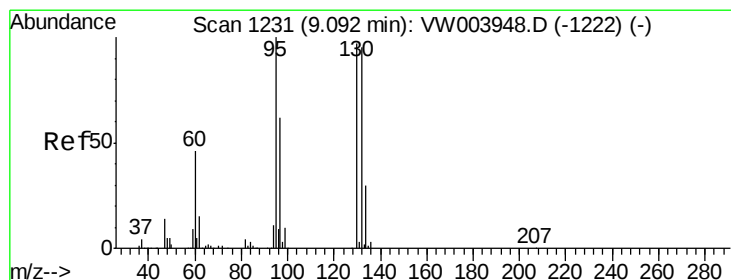
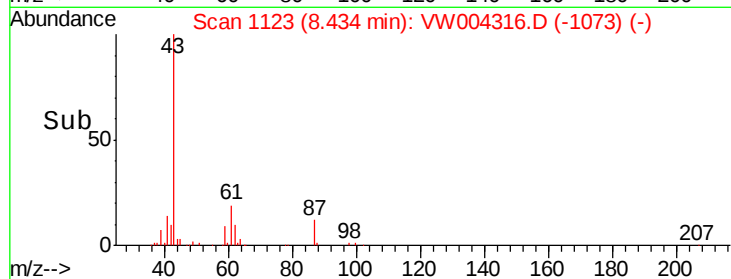
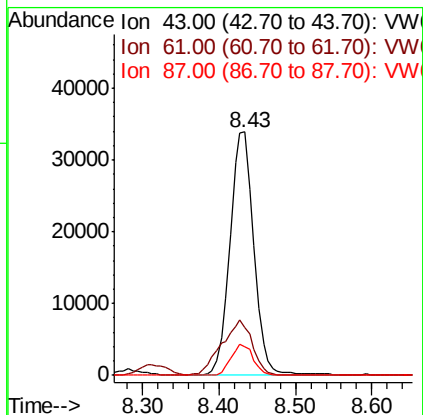
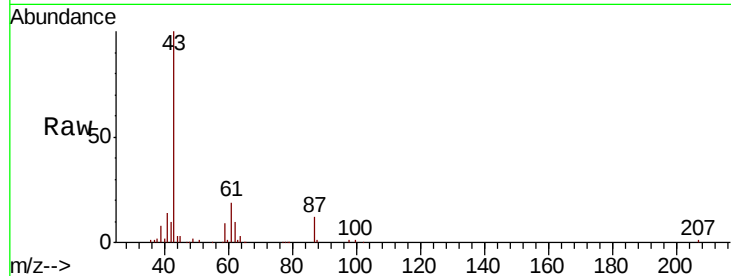


#43

Isopropyl Acetate
 Concen: 24.176 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Instrument :
 MSVOA_W
 ClientSampleId :

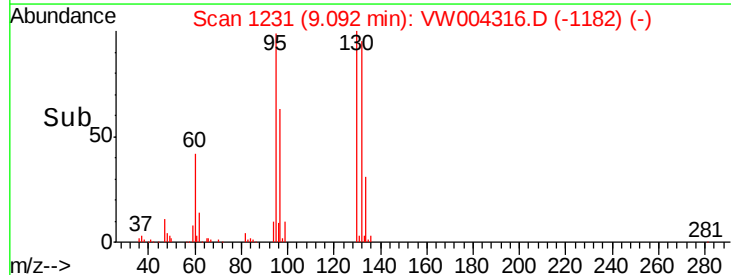
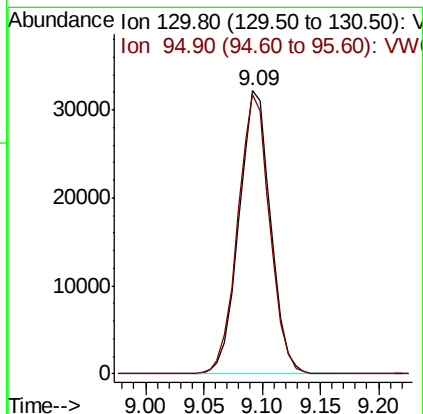
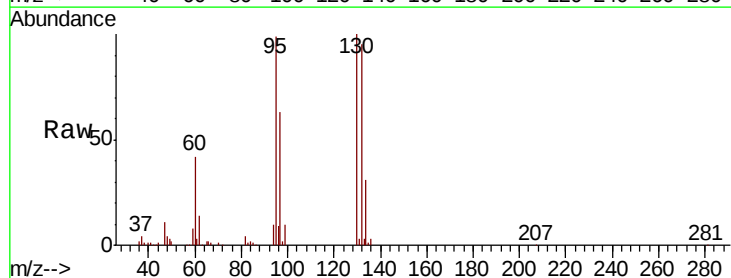
Tot Ion: 43 Resp: 73179
 Ion Ratio Lower Upper
 43 100
 61 29.2 24.5 36.7
 87 12.1 10.4 15.6

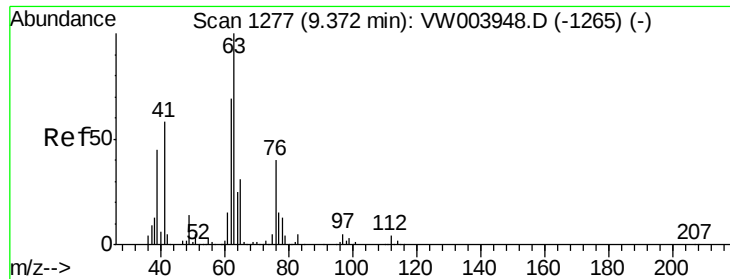


#44

Trichloroethene
 Concen: 19.523 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Tgt Ion: 130 Resp: 60770
 Ion Ratio Lower Upper
 130 100
 95 98.6 0.0 199.4

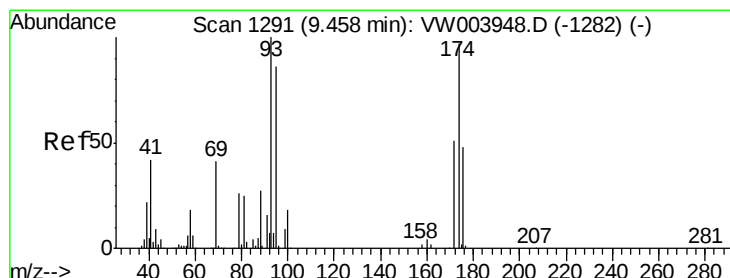
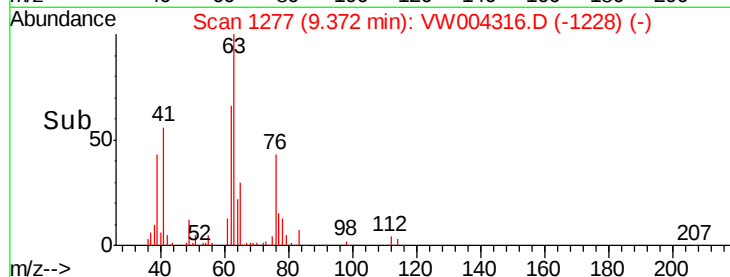
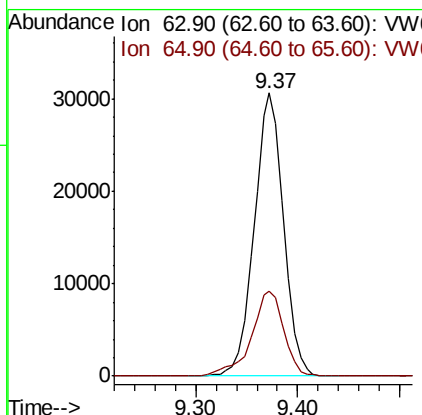
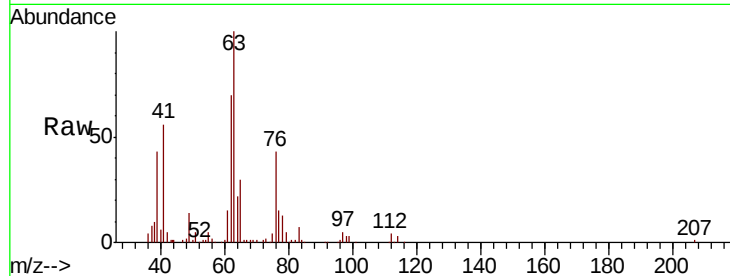




#45
 1,2-Dichloropropane
 Concen: 21.380 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

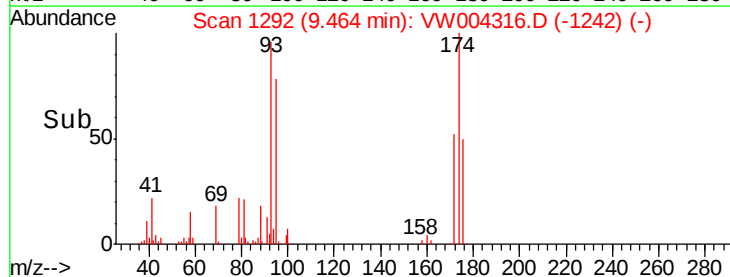
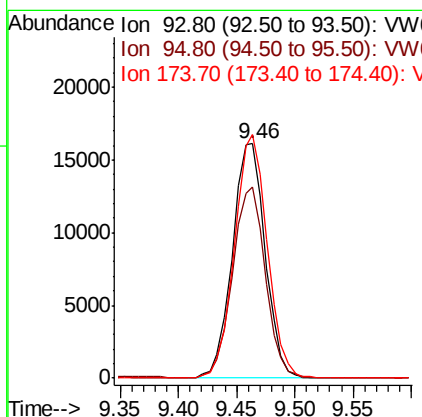
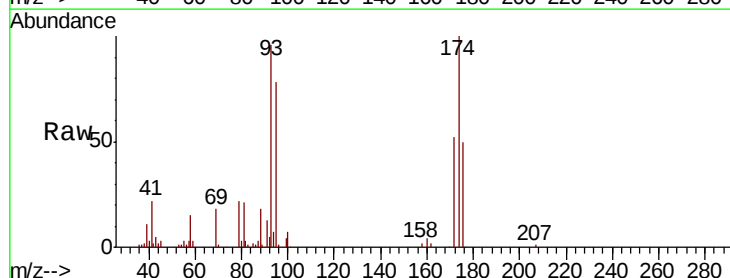
Instrument :
 MSVOA_W
 ClientSampleId :

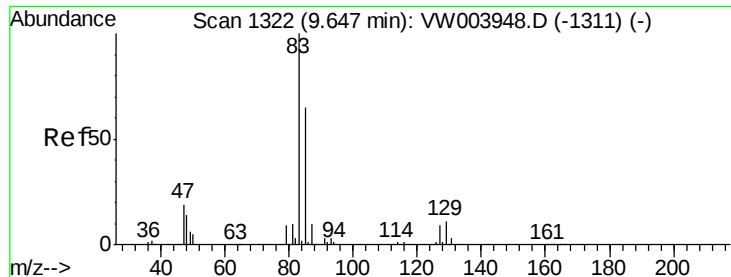
Tot Ion: 63 Resp: 61172
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.9 35.9



#46
 Dibromomethane
 Concen: 21.714 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Tgt Ion: 93 Resp: 31724
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.8 98.8
 174 103.3 83.7 125.5

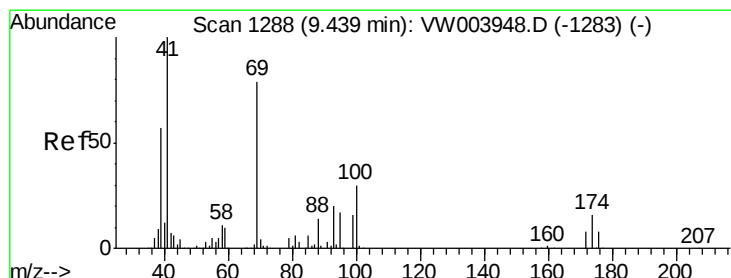
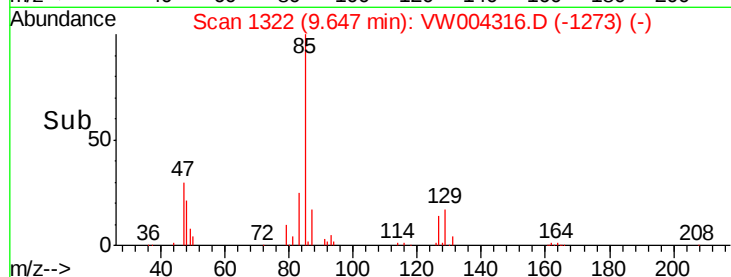
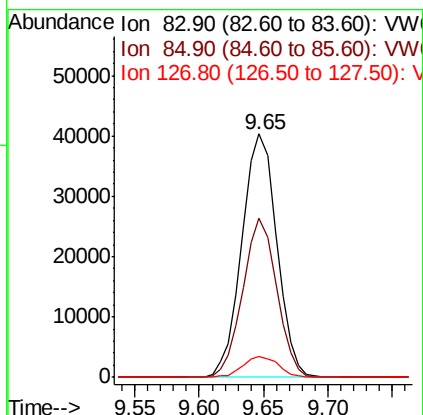
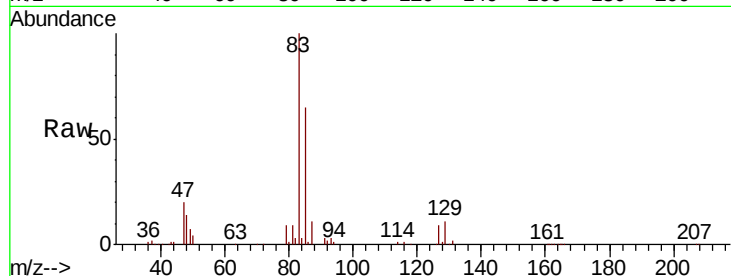




#47
Bromodichloromethane
Concen: 20.435 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

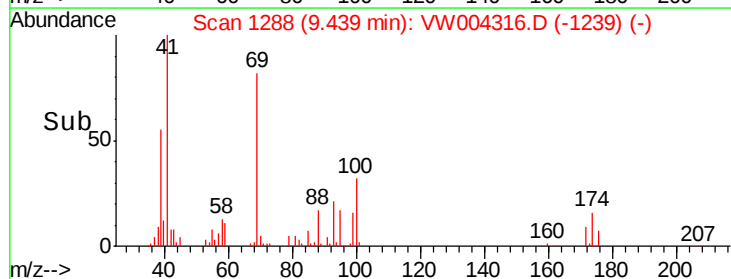
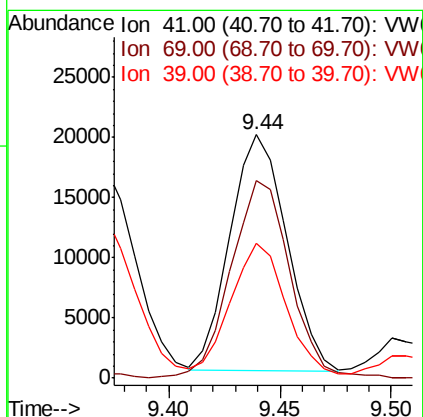
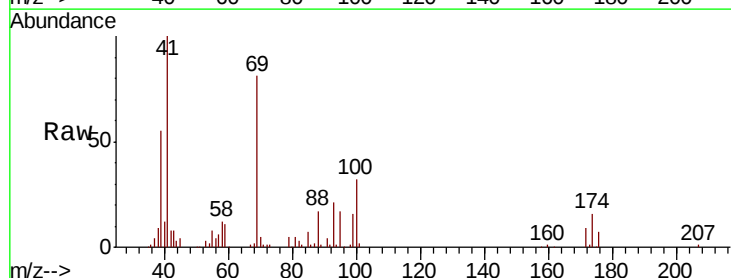
Instrument :
MSVOA_W
ClientSampleId :

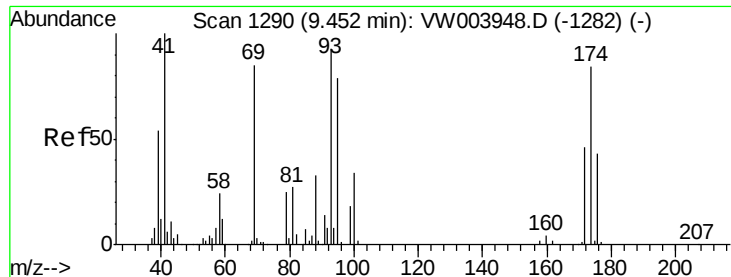
Tot Ion: 83 Resp: 75723
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9
127 8.8 6.6 9.8



#48
Methyl methacrylate
Concen: 22.559 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion: 41 Resp: 34778
Ion Ratio Lower Upper
41 100
69 87.7 69.7 104.5
39 56.9 41.8 62.8





#49

1,4-Dioxane

Concen: 471.292 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampleId :

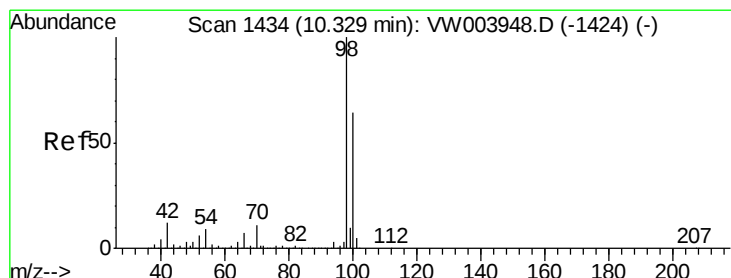
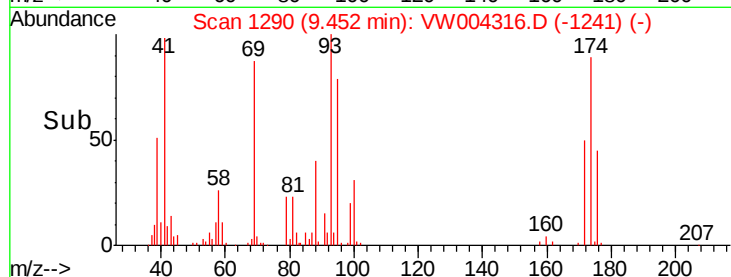
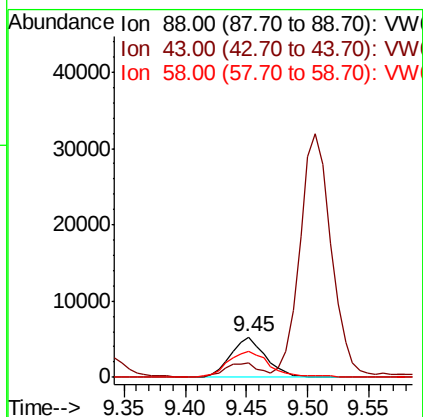
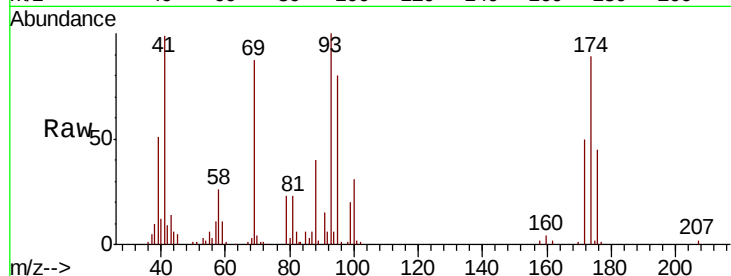
Tot Ion: 88 Resp: 10438

Ion Ratio Lower Upper

88 100

43 36.1 28.3 42.5

58 75.1 60.2 90.4



#50

Toluene-d8

Concen: 51.774 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004316.D

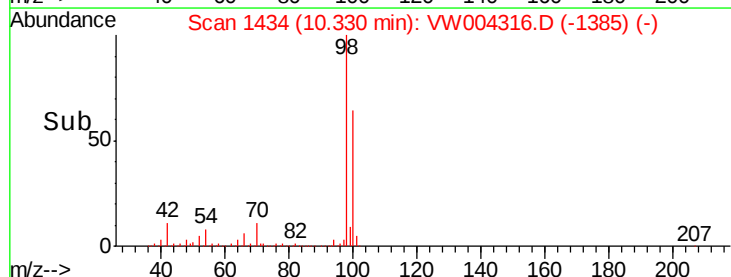
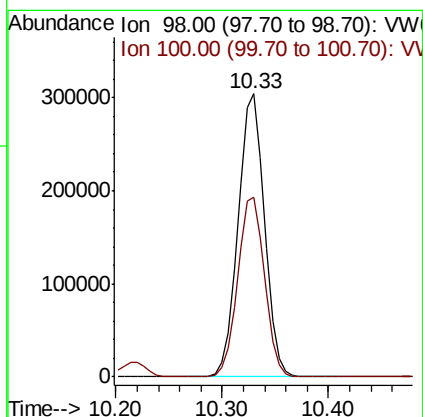
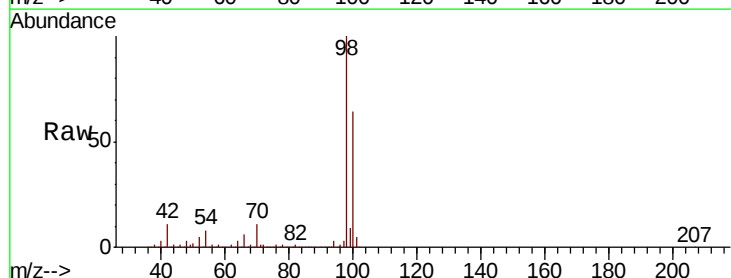
Acq: 29 Jul 2018 16:30

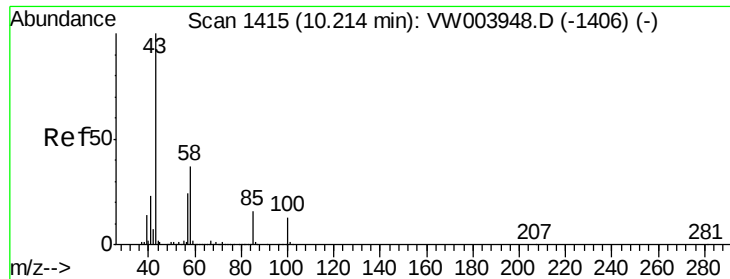
Tgt Ion: 98 Resp: 529776

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 120.439 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

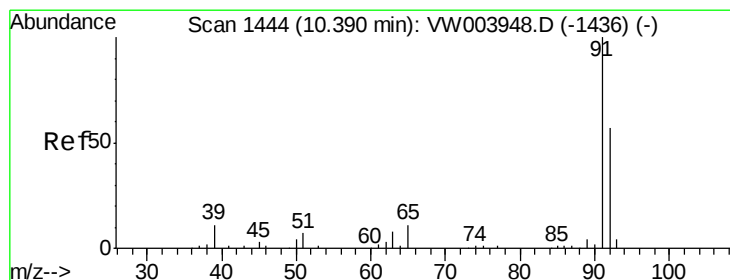
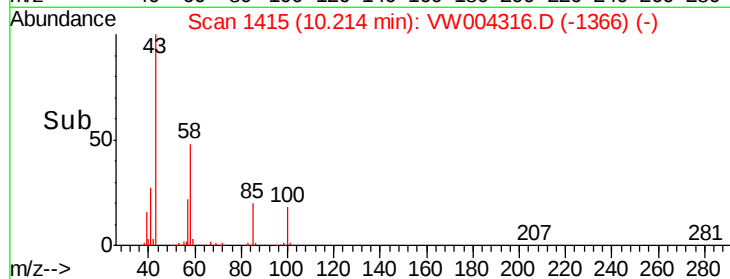
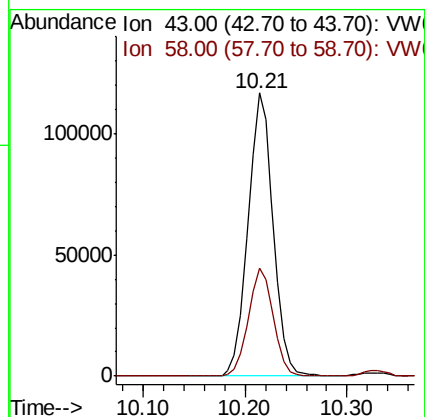
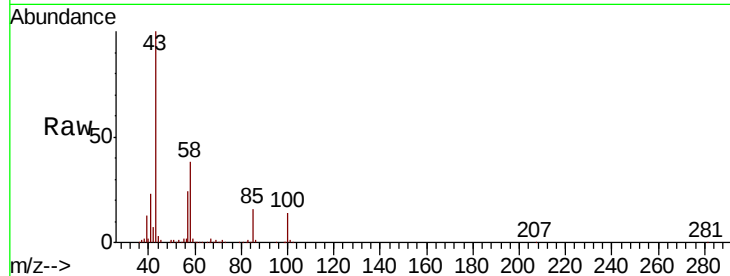
ClientSampled :

Tot Ion: 43 Resp: 200083

Ion Ratio Lower Upper

43 100

58 37.9 30.6 45.8



#52

Toluene

Concen: 20.643 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004316.D

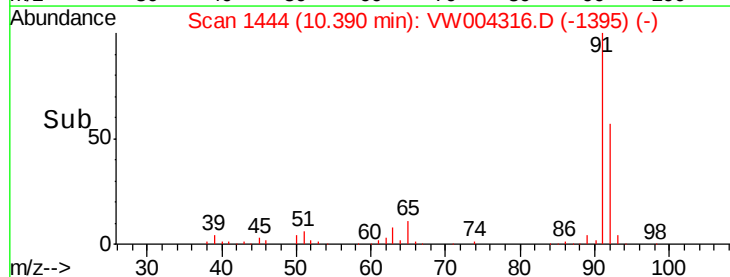
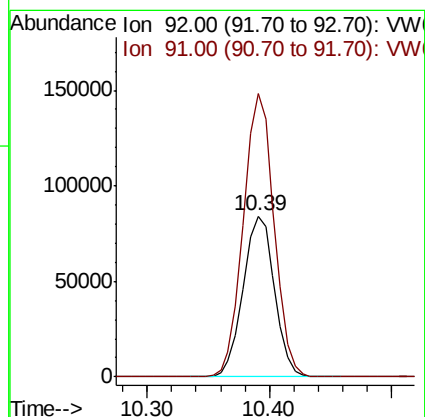
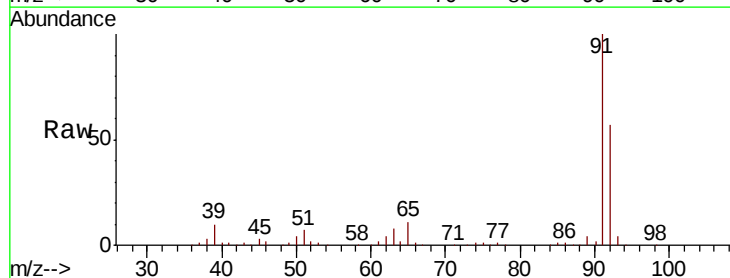
Acq: 29 Jul 2018 16:30

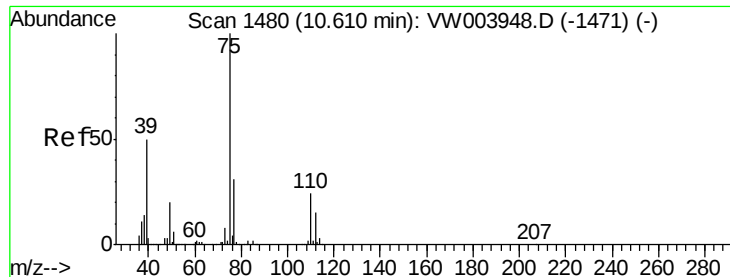
Tgt Ion: 92 Resp: 149437

Ion Ratio Lower Upper

92 100

91 172.8 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 20.389 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

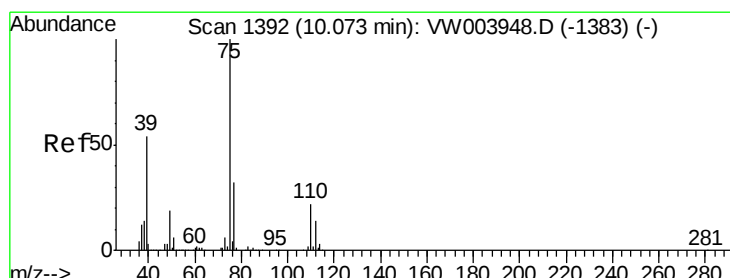
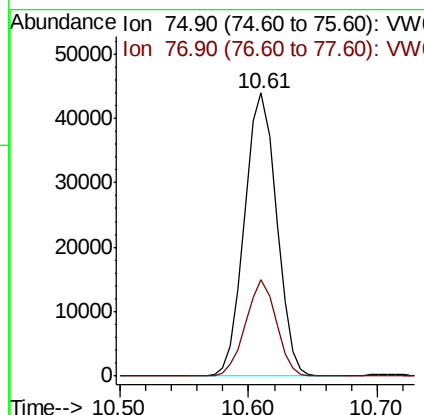
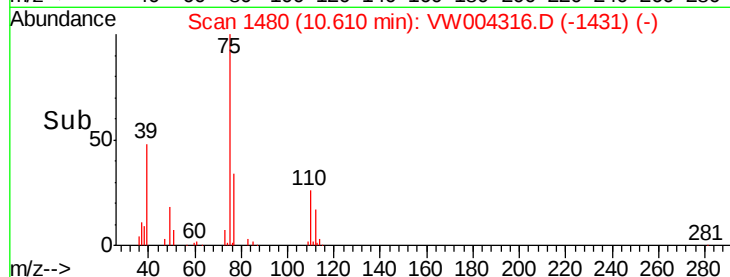
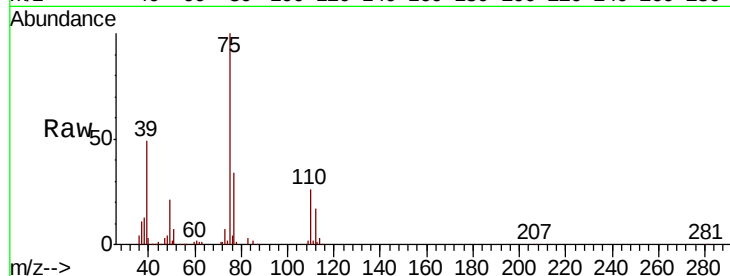
ClientSampled :

Tot Ion: 75 Resp: 75671

Ion Ratio Lower Upper

75 100

77 34.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.922 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

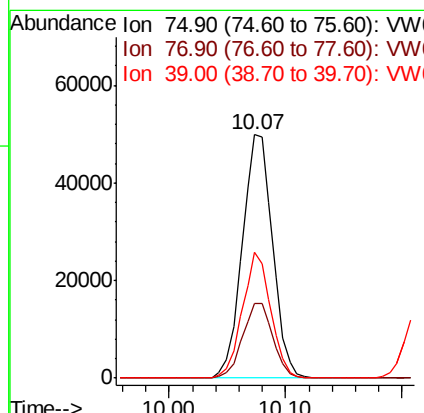
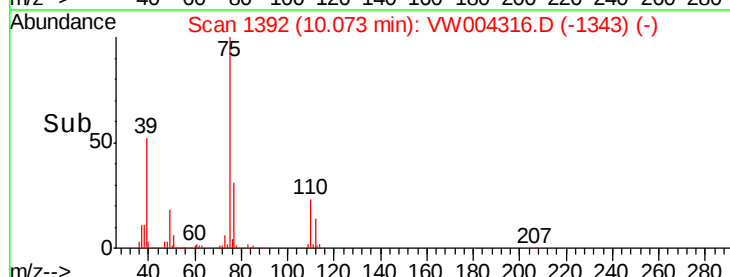
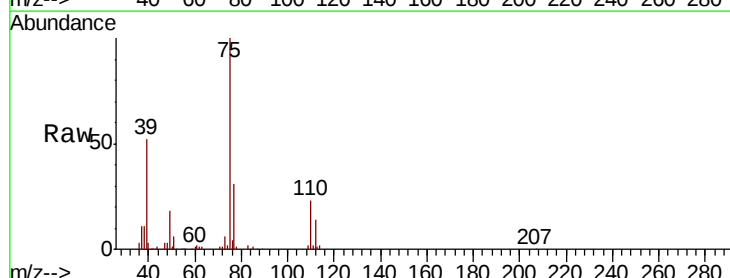
Tgt Ion: 75 Resp: 90526

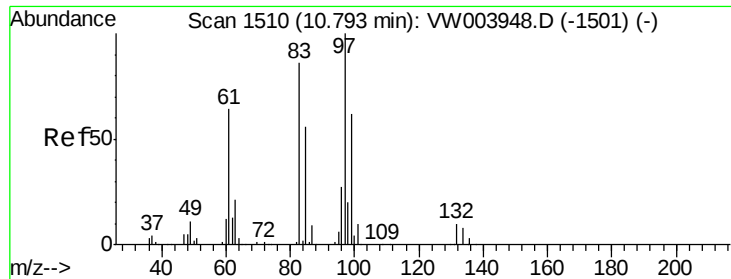
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4

39 51.7 39.0 58.6

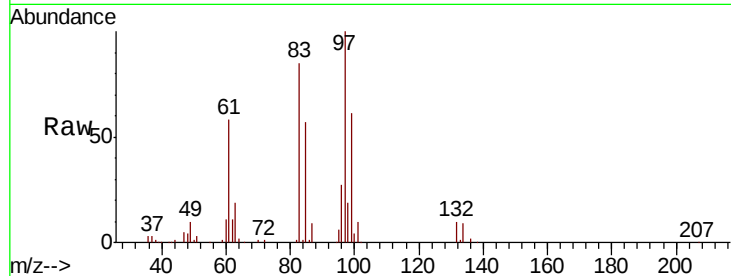




#55
 1,1,2-Trichloroethane
 Concen: 21.323 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	44386
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.8	106.2
85	56.9	43.7	65.5
99	60.6	45.1	67.7



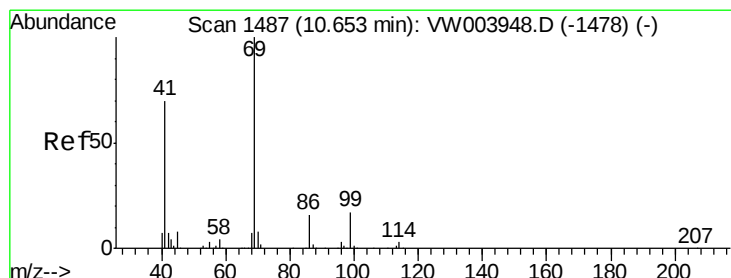
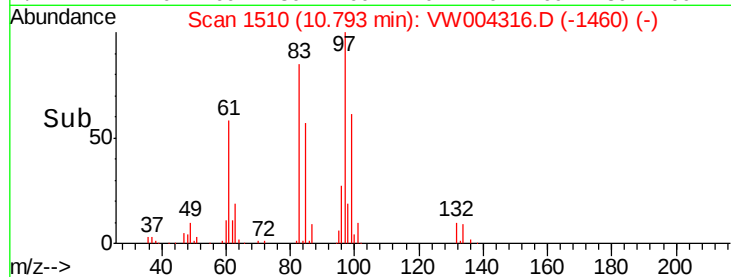
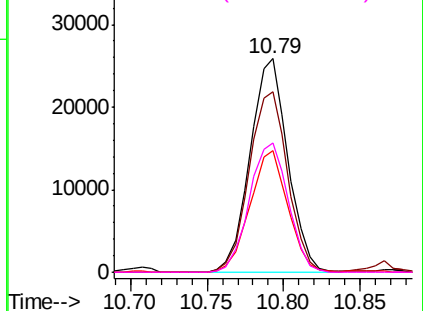
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

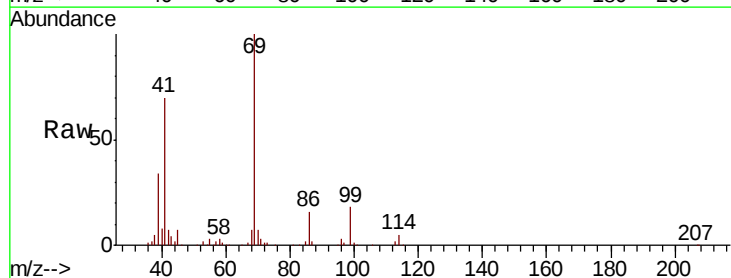
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.811 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Tgt Ion:	69	Resp:	54941
Ion	Ratio	Lower	Upper
69	100		
41	70.5	54.7	82.1
39	31.5	24.4	36.6

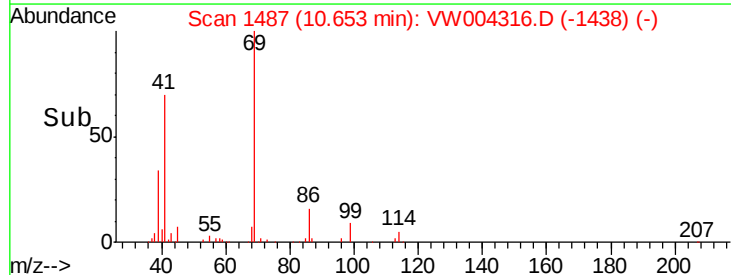
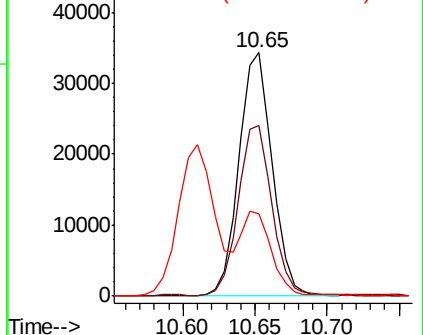


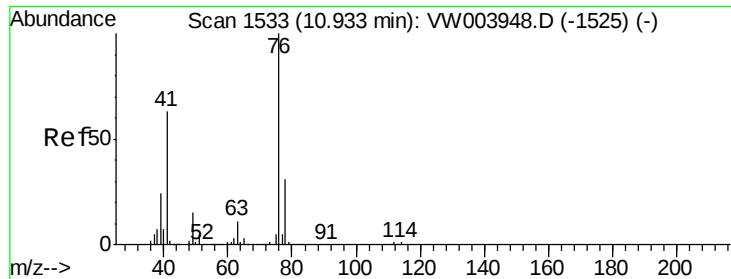
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

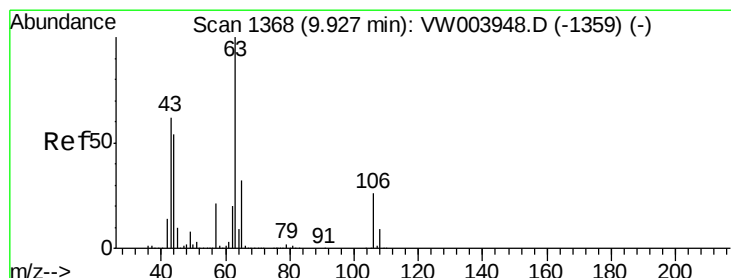
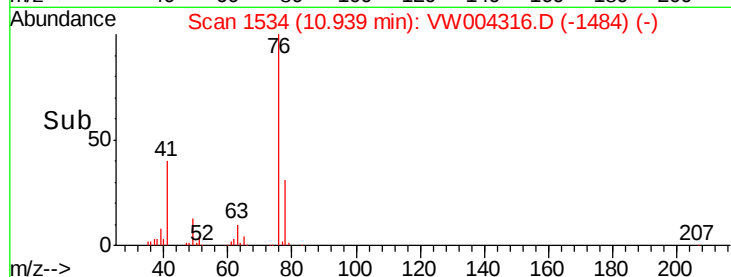
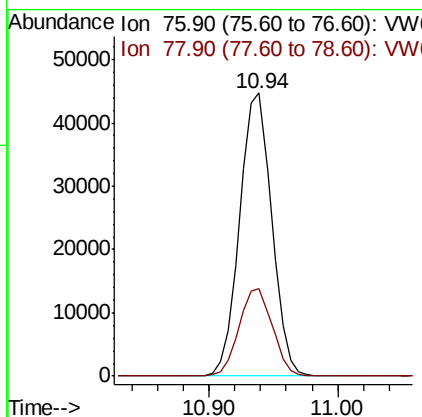
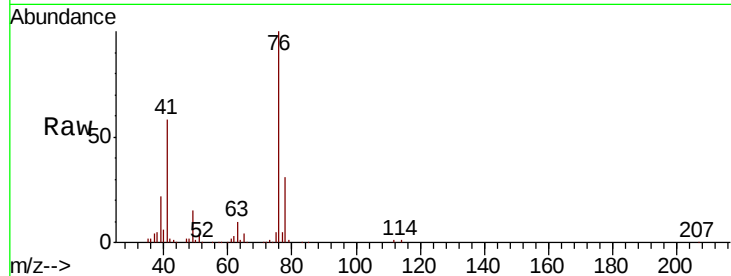




#57
 1,3-Dichloropropane
 Concen: 21.736 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

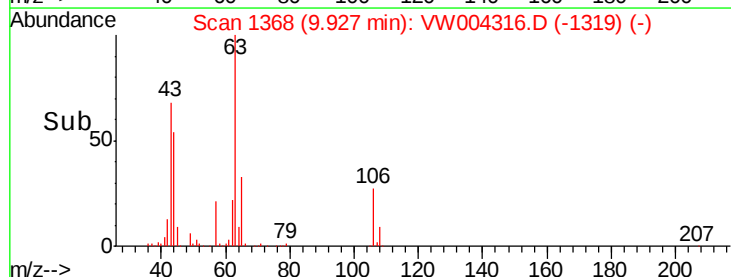
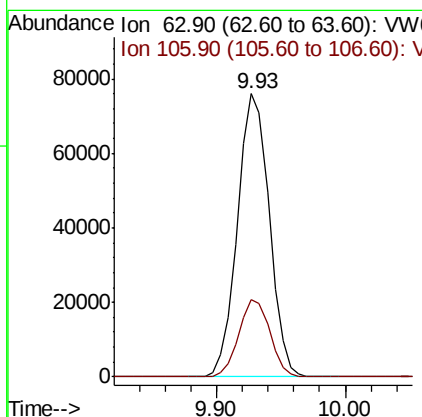
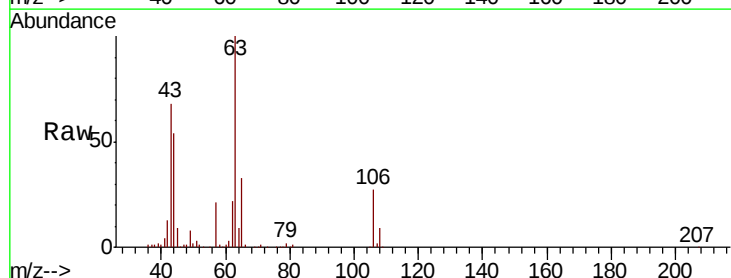
Instrument :
 MSVOA_W
 ClientSampled :

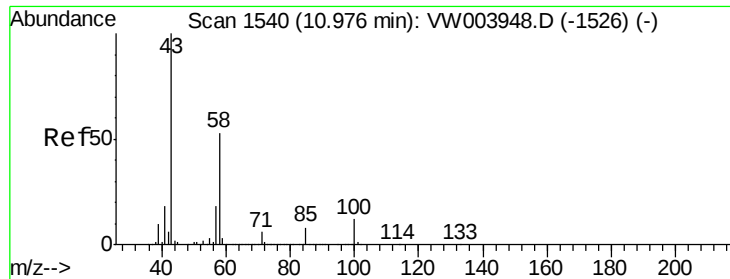
Tot Ion: 76 Resp: 77085
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.214 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Tgt Ion: 63 Resp: 130041
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.9 32.9

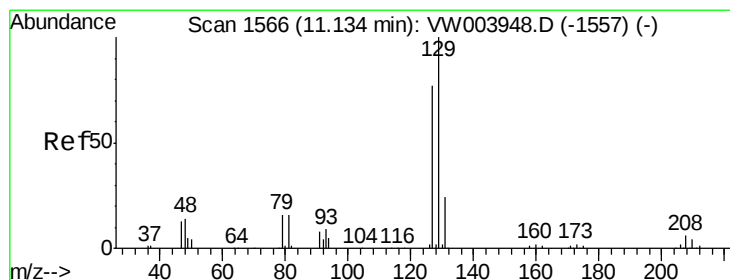
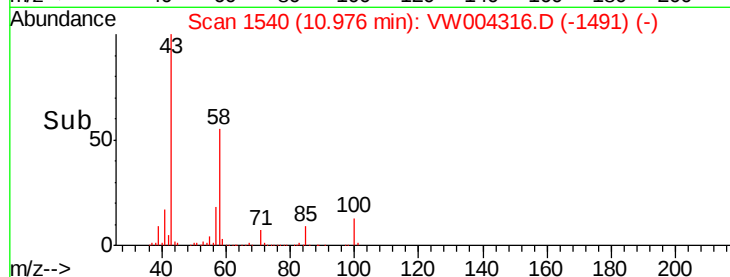
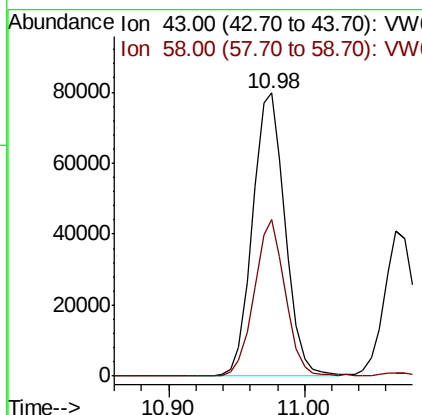
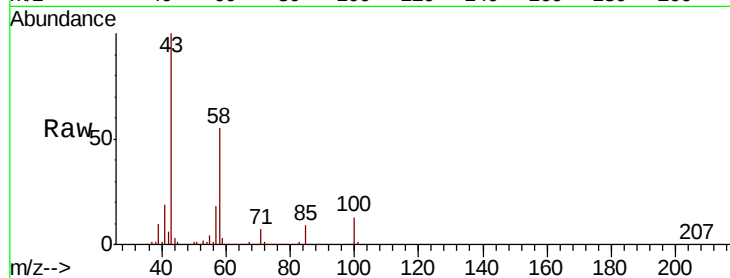




#59
2-Hexanone
Concen: 117.167 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

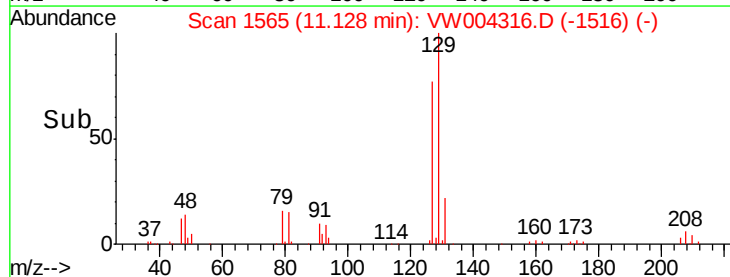
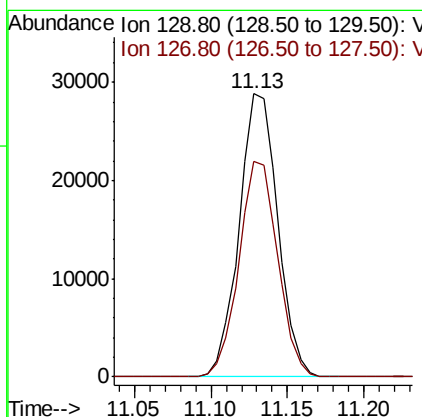
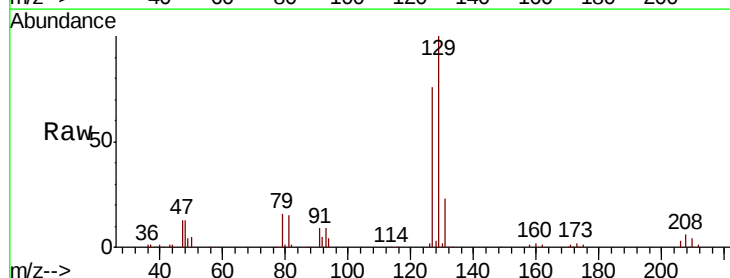
Instrument :
MSVOA_W
ClientSampled :

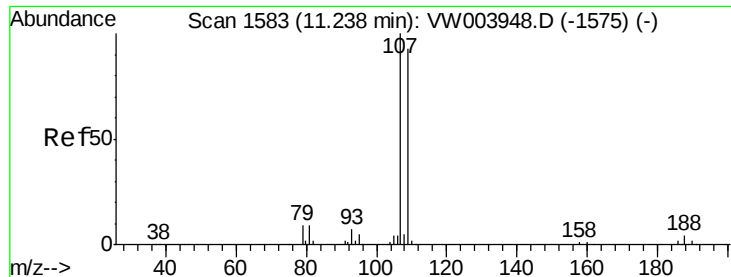
Tot Ion: 43 Resp: 133652
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.4



#60
Dibromochloromethane
Concen: 20.281 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion: 129 Resp: 50514
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 21.000 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

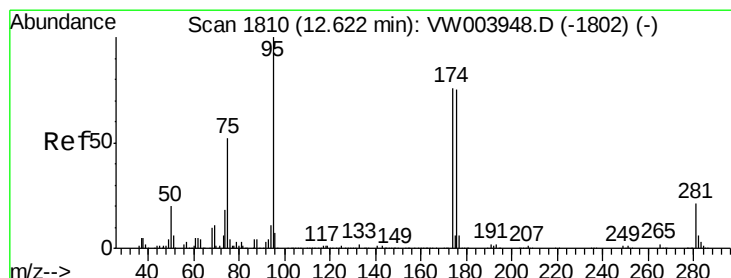
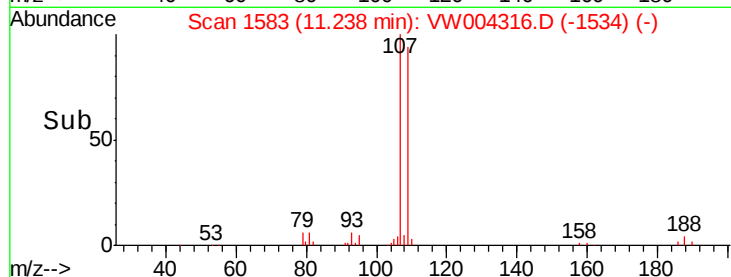
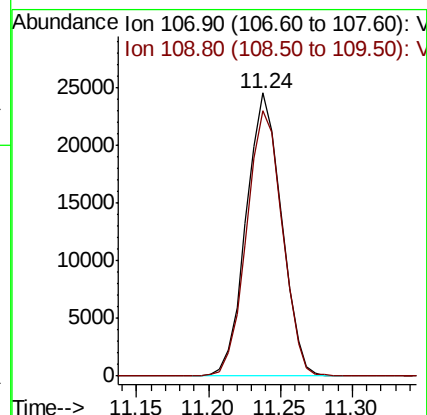
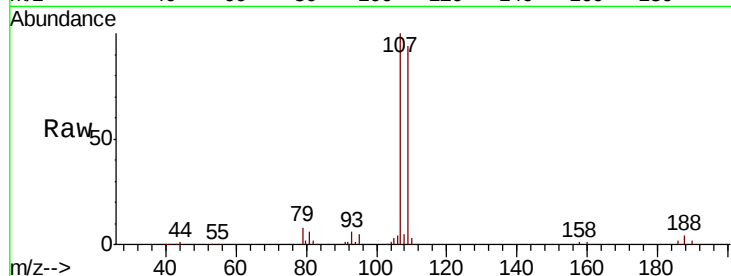
ClientSampled :

Tot Ion:107 Resp: 41684

Ion Ratio Lower Upper

107 100

109 94.8 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 52.908 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

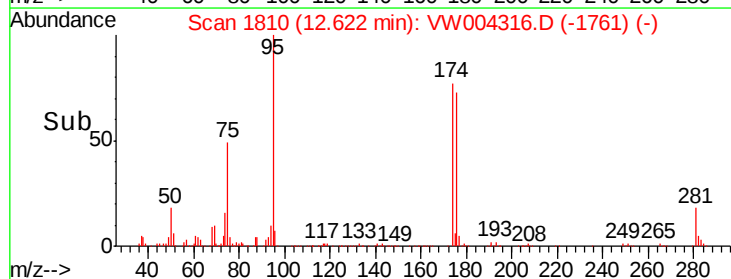
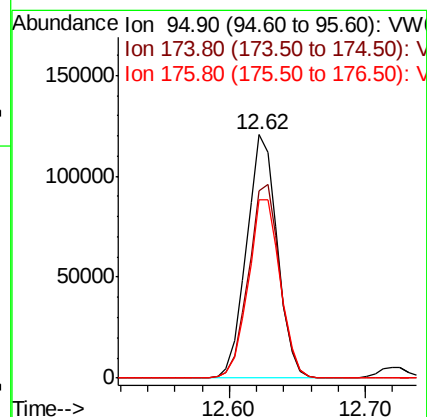
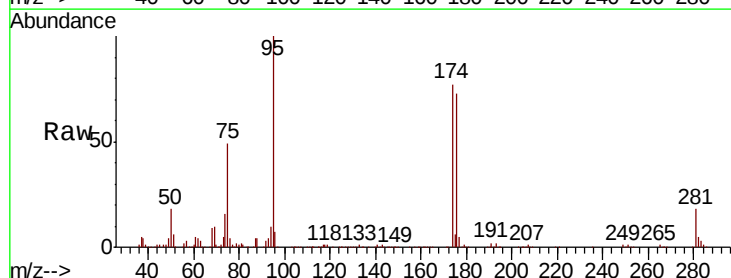
Tgt Ion: 95 Resp: 190620

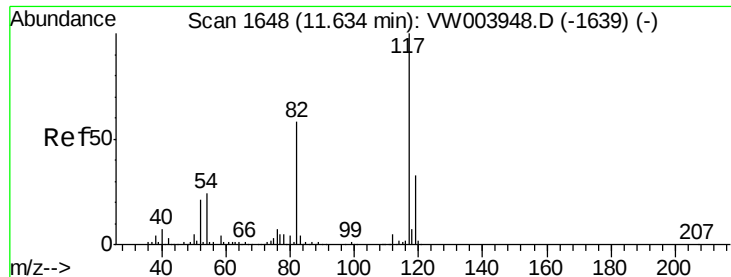
Ion Ratio Lower Upper

95 100

174 80.8 0.0 167.8

176 76.7 0.0 162.4

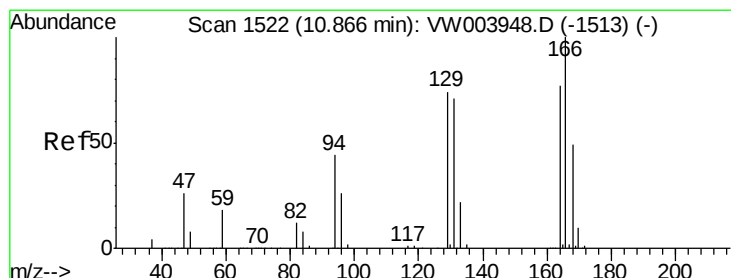
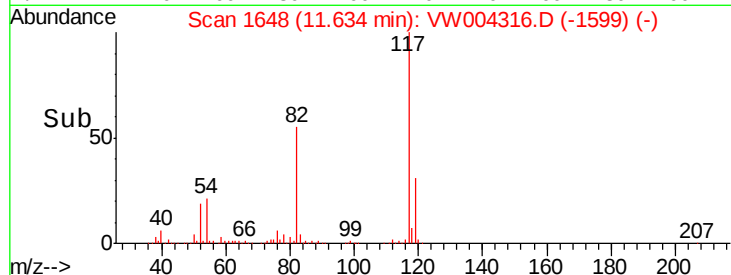
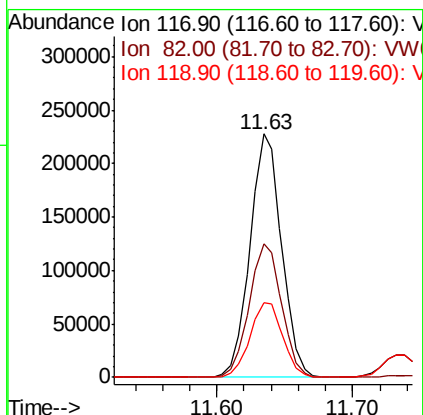
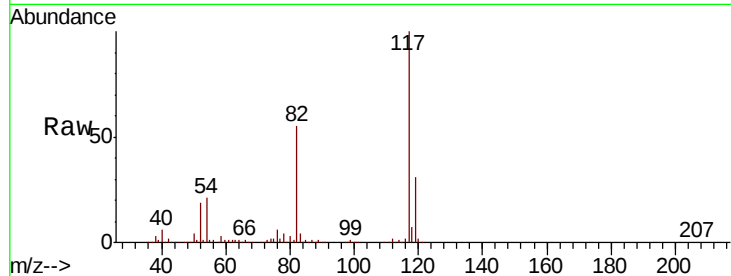




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

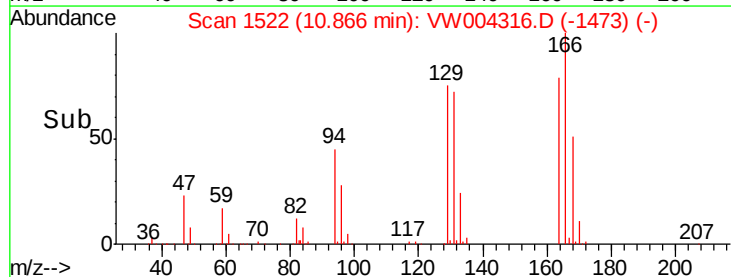
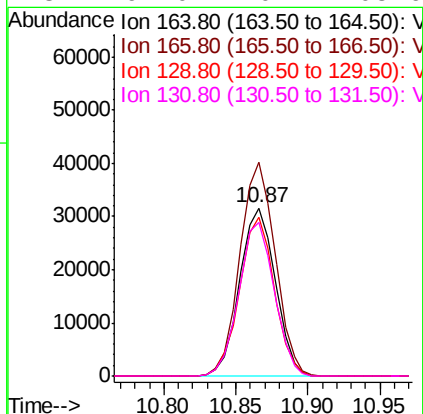
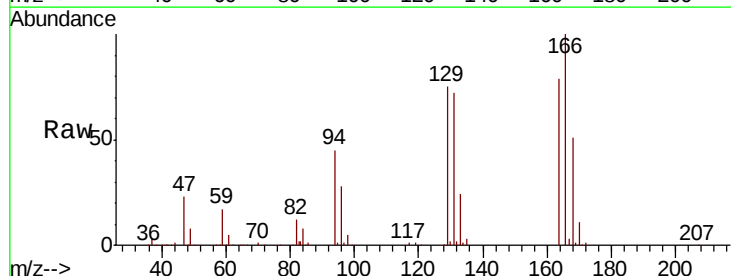
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 371573
Ion Ratio Lower Upper
117 100
82 54.9 47.9 71.9
119 30.7 27.1 40.7



#64
Tetrachloroethene
Concen: 19.880 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion:164 Resp: 54119
Ion Ratio Lower Upper
164 100
166 126.9 103.2 154.8
129 94.6 72.1 108.1
131 91.0 70.4 105.6

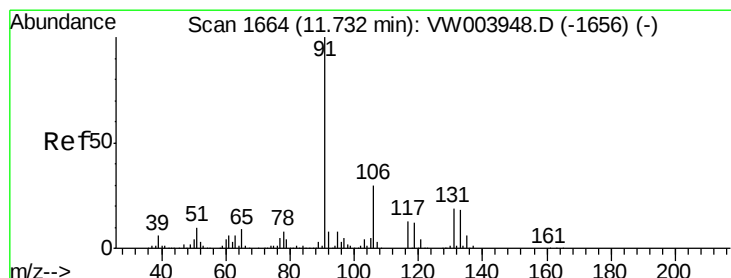
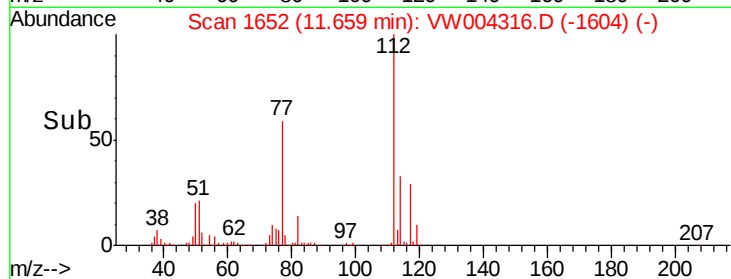
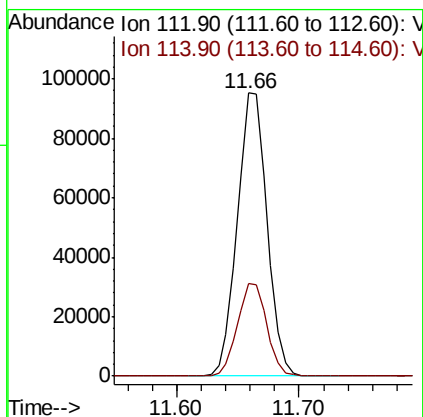
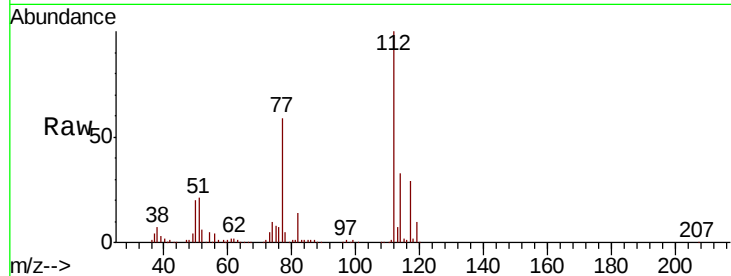




#65
Chlorobenzene
Concen: 20.501 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

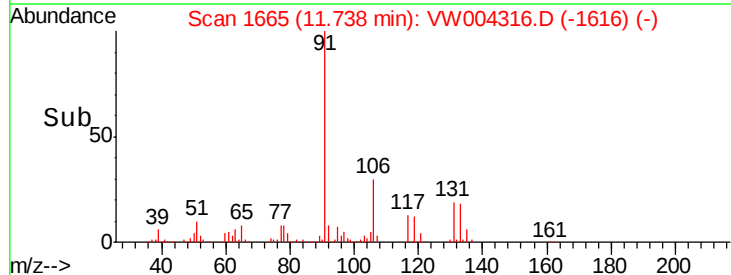
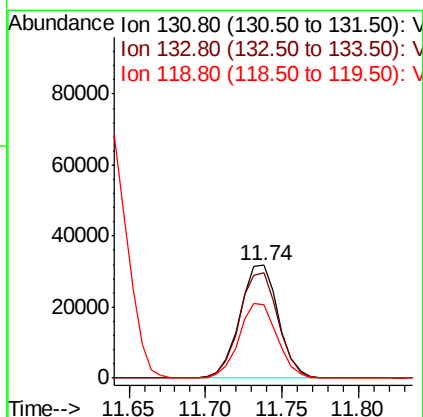
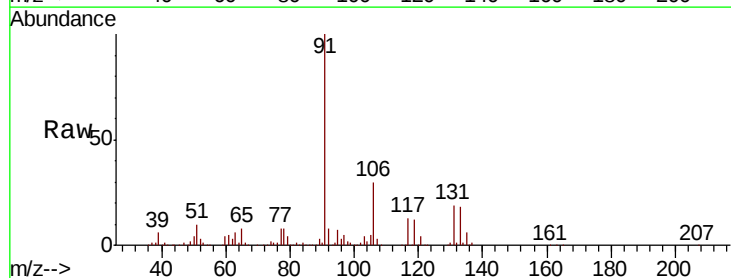
Instrument :
MSVOA_W
ClientSampled :

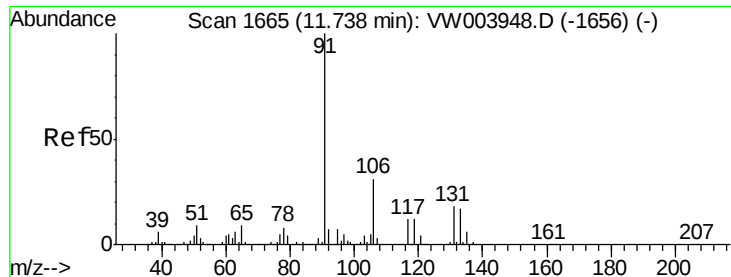
Tot Ion:112 Resp: 159985
Ion Ratio Lower Upper
112 100
114 32.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.150 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion:131 Resp: 55462
Ion Ratio Lower Upper
131 100
133 94.3 48.6 145.9
119 65.6 33.1 99.5

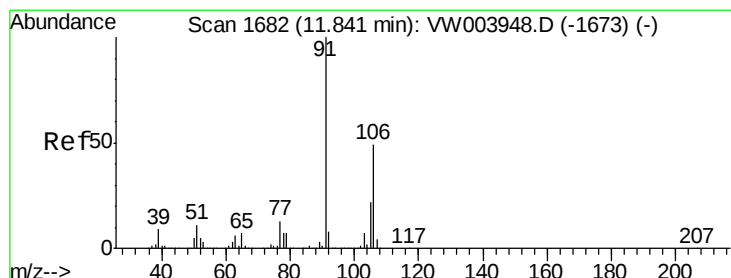
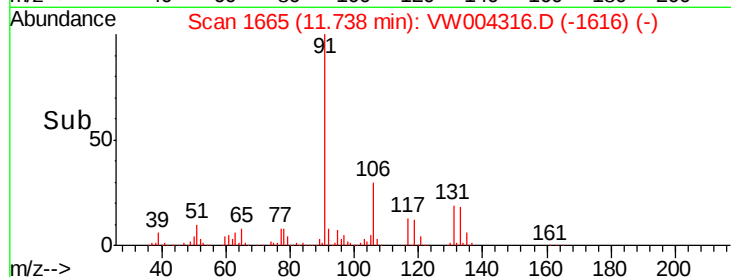
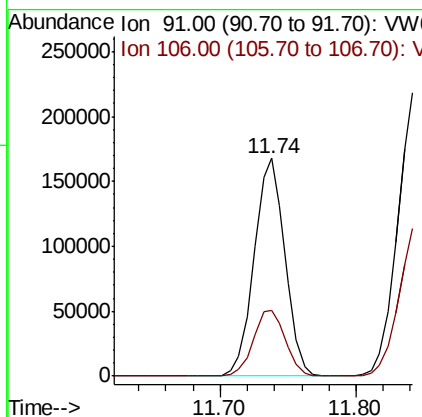
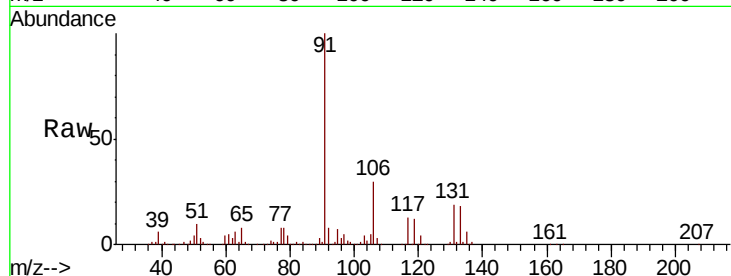




#67
Ethyl Benzene
Concen: 19.559 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

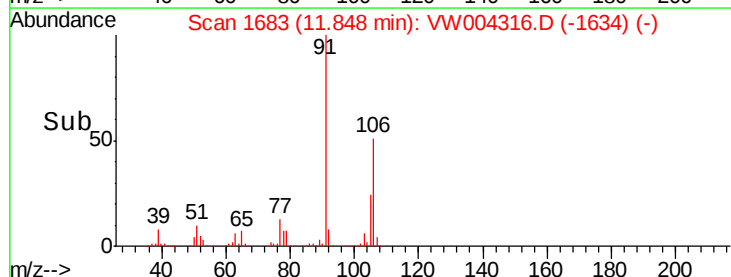
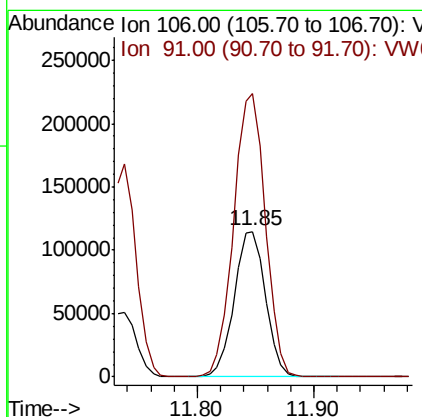
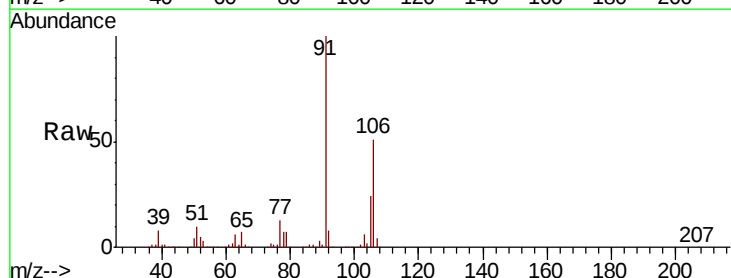
Instrument :
MSVOA_W
ClientSampled :

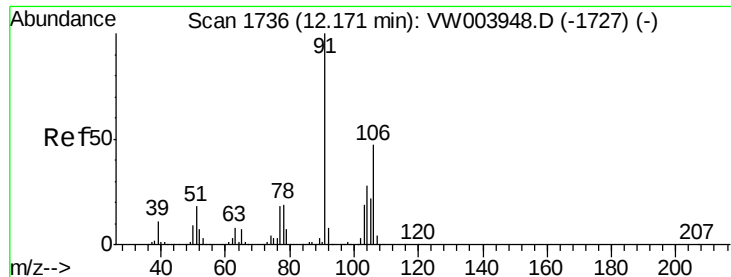
Tot Ion: 91 Resp: 266063
Ion Ratio Lower Upper
91 100
106 30.3 26.1 39.1



#68
m/p-Xylenes
Concen: 41.038 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion: 106 Resp: 214819
Ion Ratio Lower Upper
106 100
91 197.7 162.2 243.2

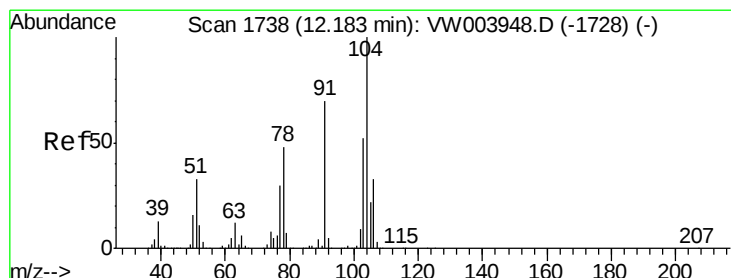
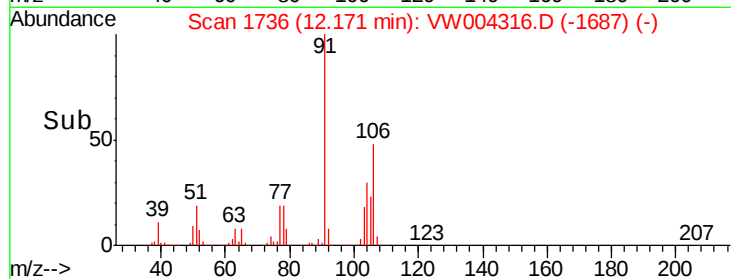
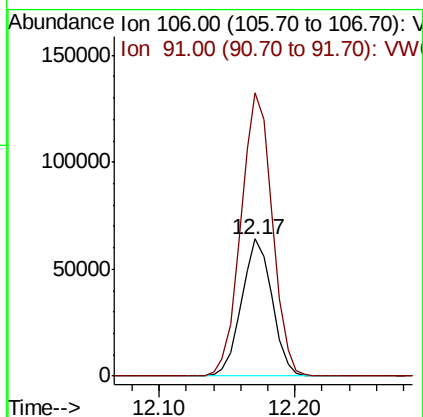
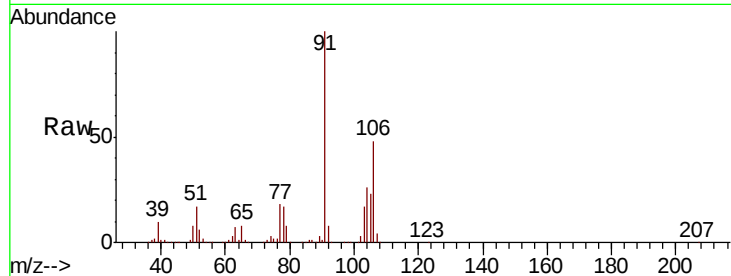




#69
o-Xylene
Concen: 20.746 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

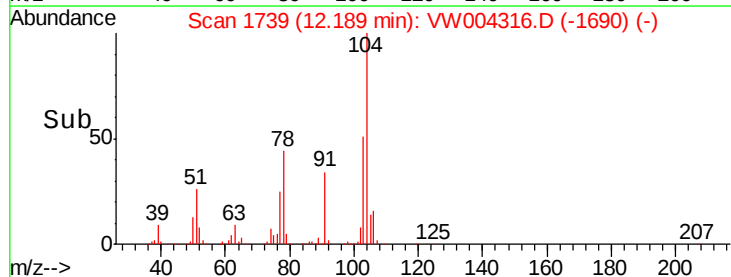
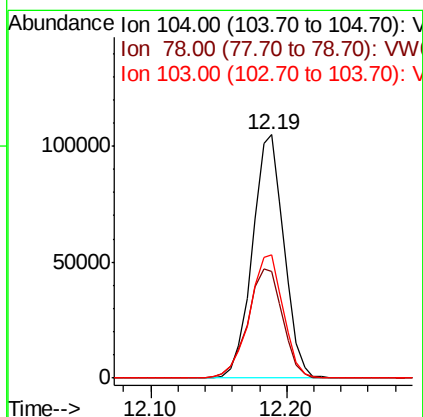
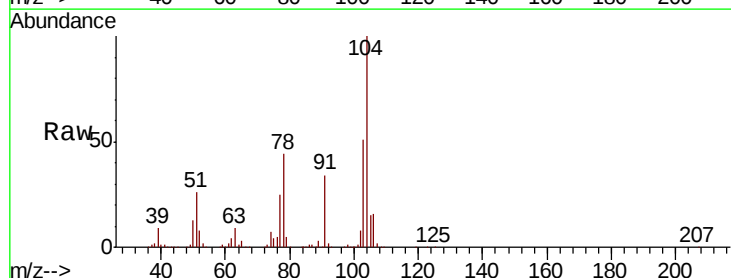
Instrument :
MSVOA_W
ClientSampled :

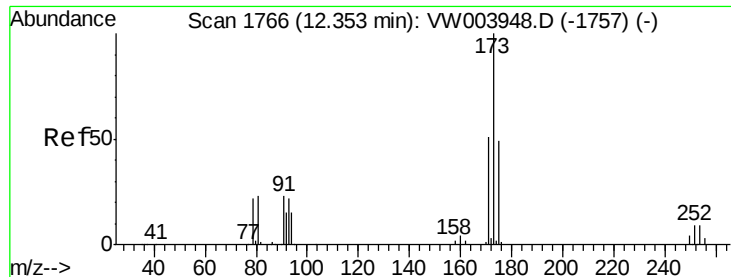
Tot Ion:106 Resp: 100340
Ion Ratio Lower Upper
106 100
91 211.9 108.7 326.1



#70
Styrene
Concen: 20.888 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion:104 Resp: 170680
Ion Ratio Lower Upper
104 100
78 49.9 40.9 61.3
103 54.6 45.0 67.6





#71

Bromoform

Concen: 20.133 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

ClientSampleId :

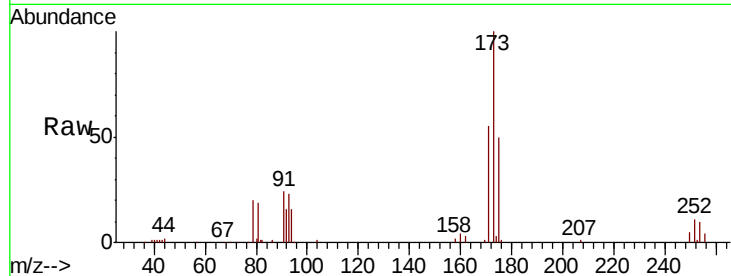
Tot Ion:173 Resp: 31056

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

254 0.0 0.2 0.2#

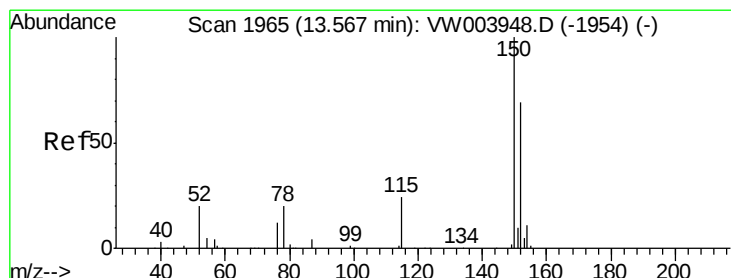
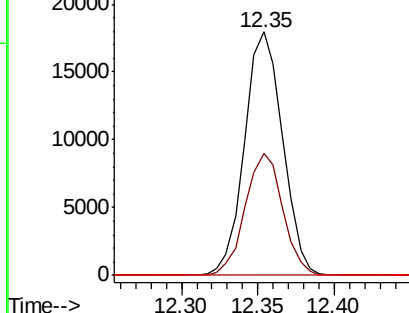
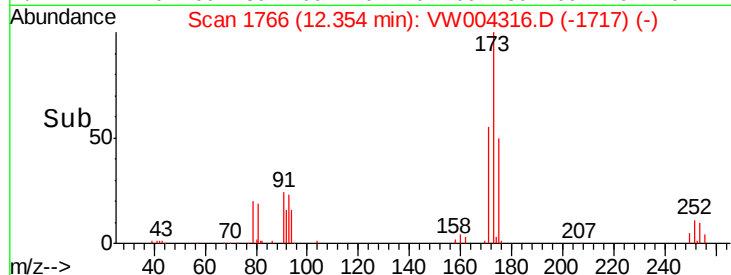


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

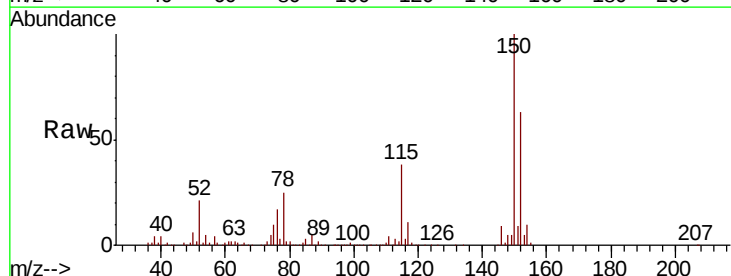
Tgt Ion:152 Resp: 193849

Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.4

150 168.3 0.0 346.4

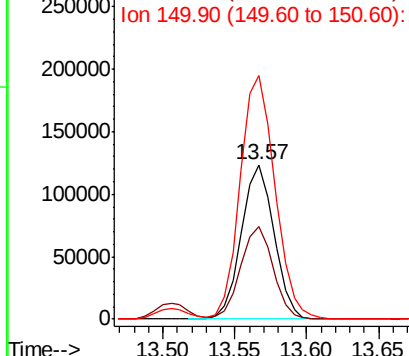
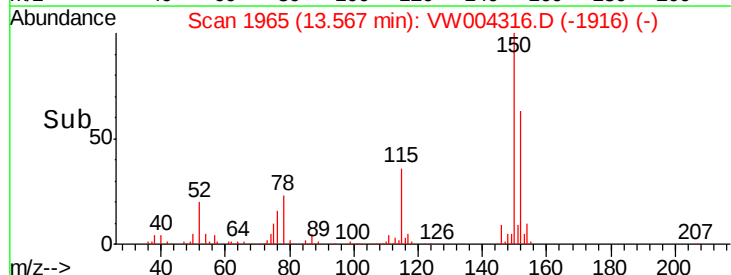


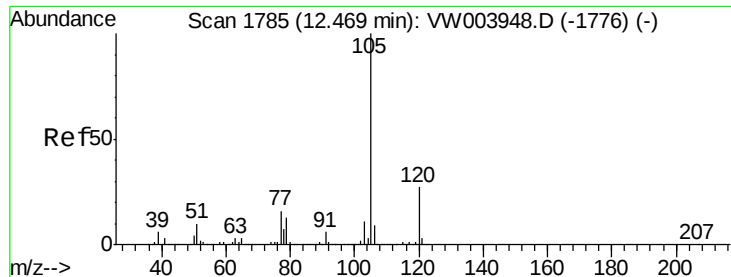
Abundance

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: 20.479 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

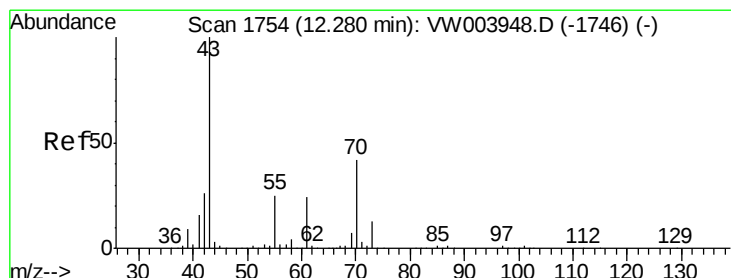
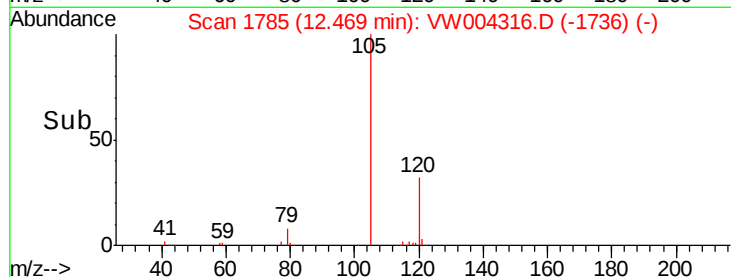
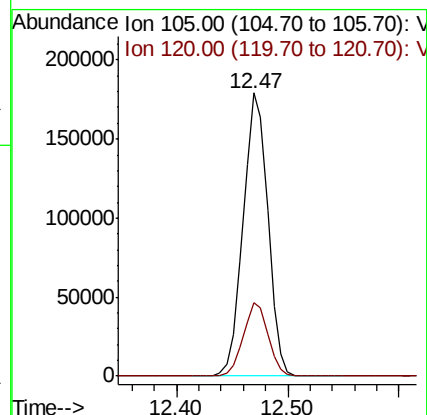
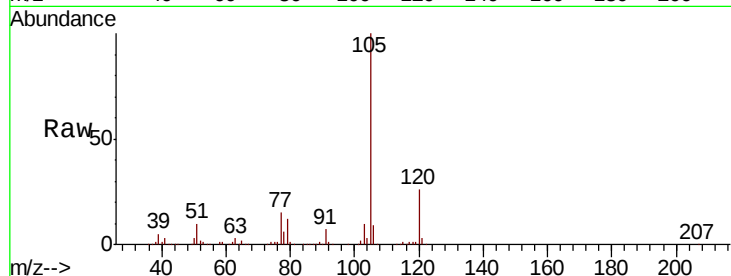
ClientSampleId :

Tot Ion:105 Resp: 275265

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 22.979 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Tgt Ion: 43 Resp: 70497

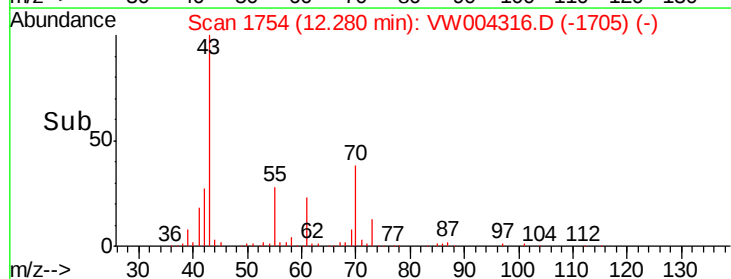
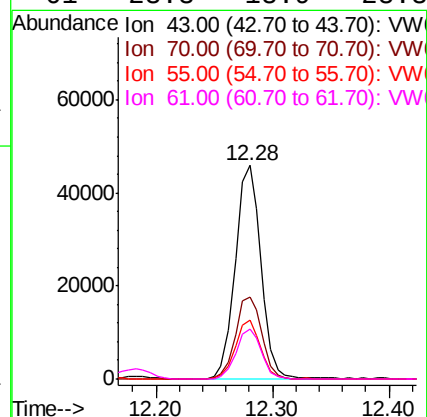
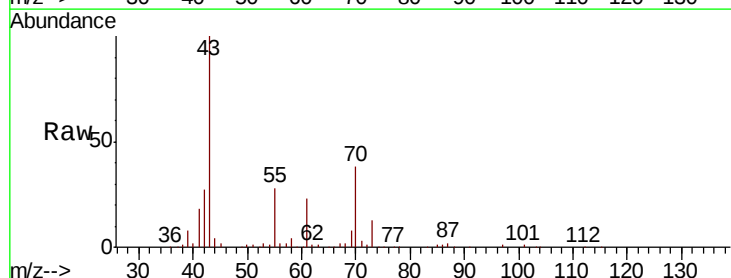
Ion Ratio Lower Upper

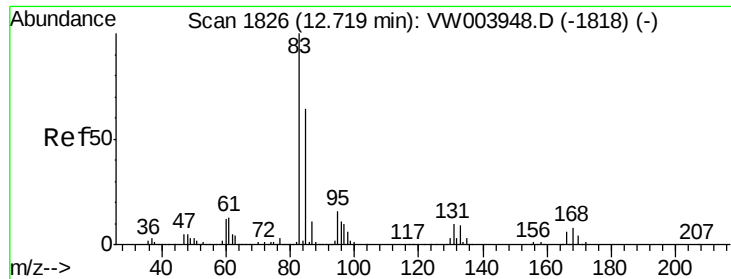
43 100

70 39.5 34.2 51.4

55 26.9 21.8 32.8

61 23.3 18.9 28.3

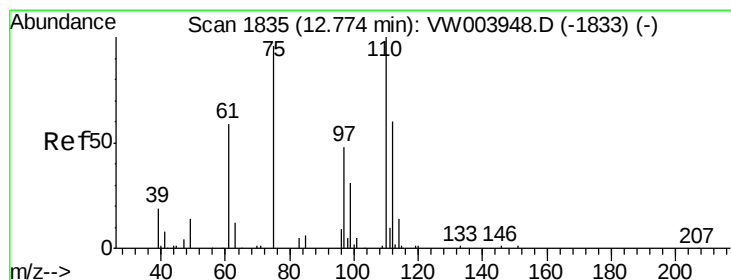
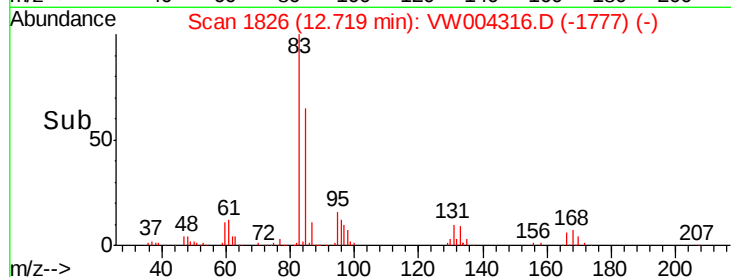
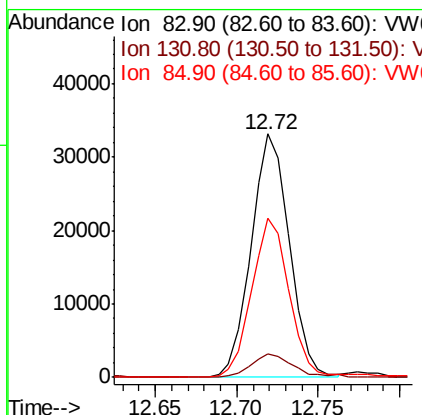
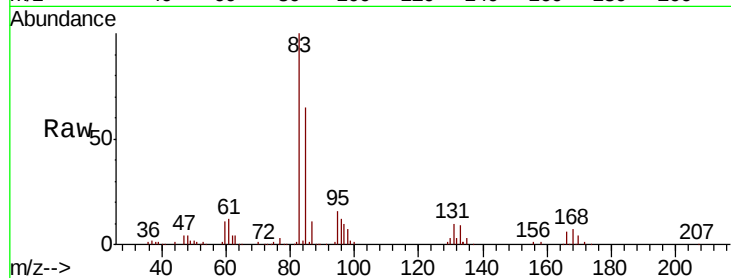




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.921 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

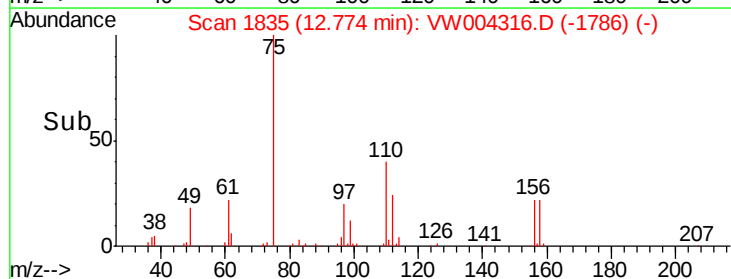
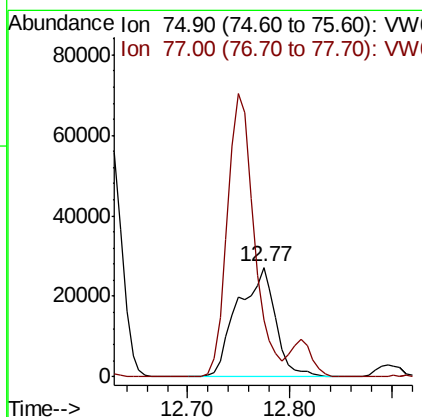
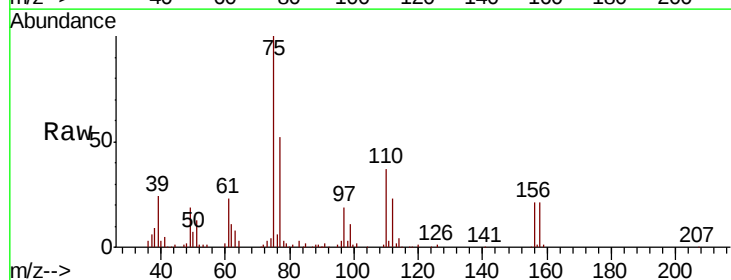
Instrument :
 MSVOA_W
 ClientSampleId :

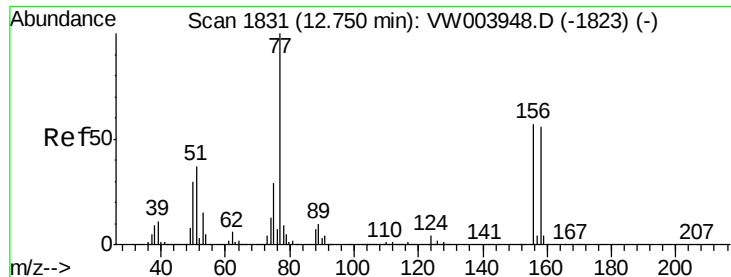
Tot Ion	83	Resp	53968
Ion Ratio	100	Lower	Upper
83	100		
131	10.6	5.5	16.4
85	63.8	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 39.678 ug/l
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Tgt Ion	75	Resp	70196
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0

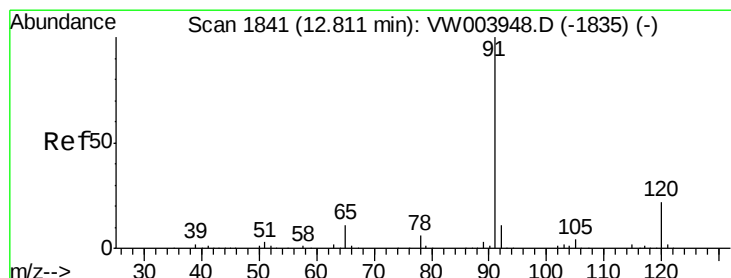
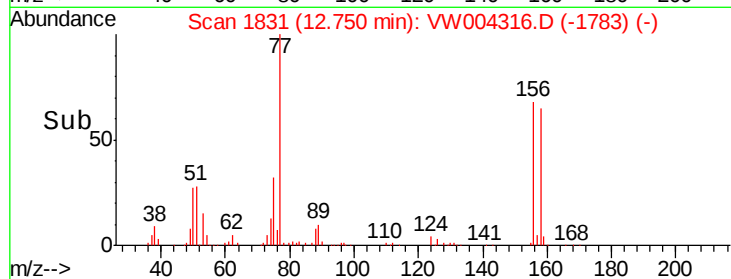
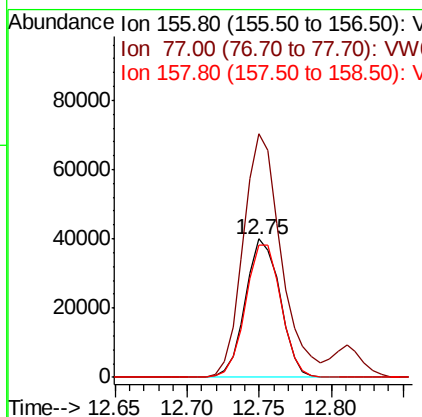
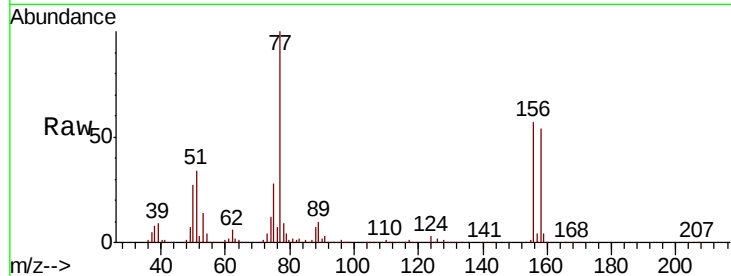




#77
Bromobenzene
Concen: 20.492 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

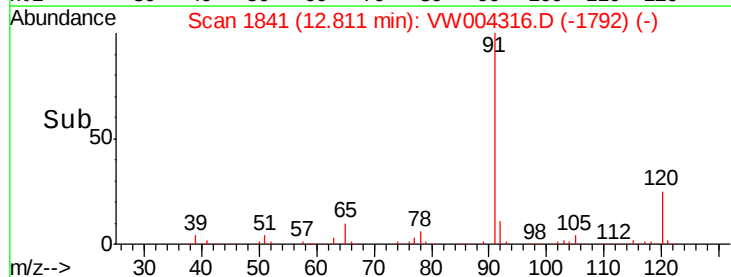
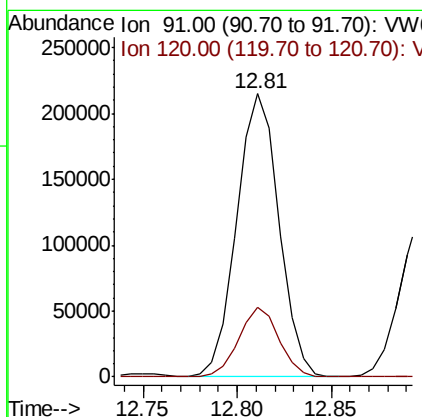
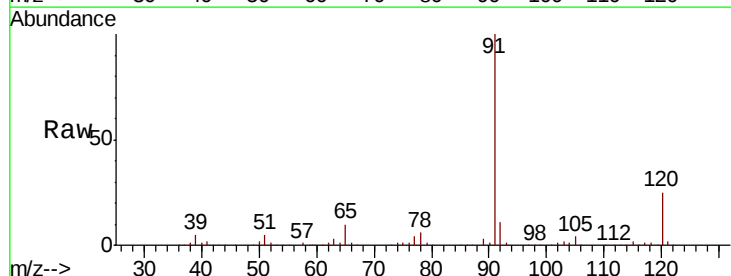
Instrument :
MSVOA_W
ClientSampled :

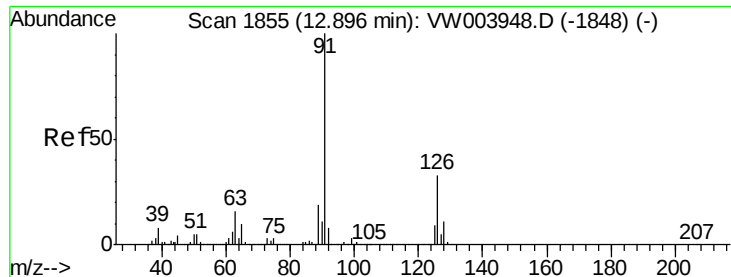
Tot Ion:156 Resp: 66552
Ion Ratio Lower Upper
156 100
77 192.8 92.9 278.7
158 97.4 47.6 142.8



#78
n-propylbenzene
Concen: 20.341 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion: 91 Resp: 333076
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 21.014 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

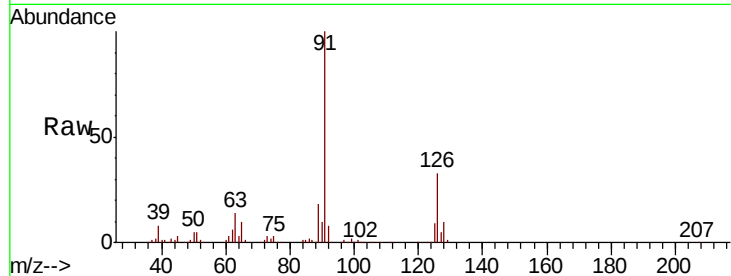
ClientSampled :

Tot Ion: 91 Resp: 196813

Ion Ratio Lower Upper

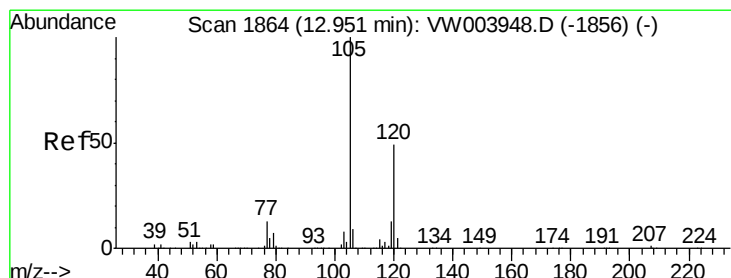
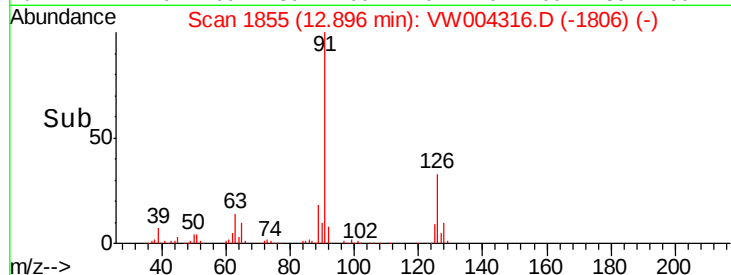
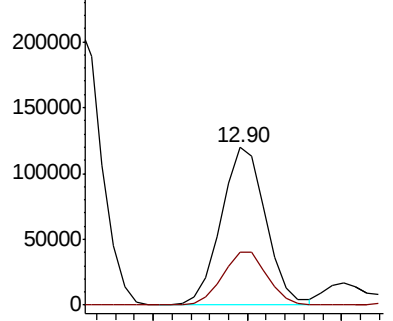
91 100

126 33.9 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: 20.636 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004316.D

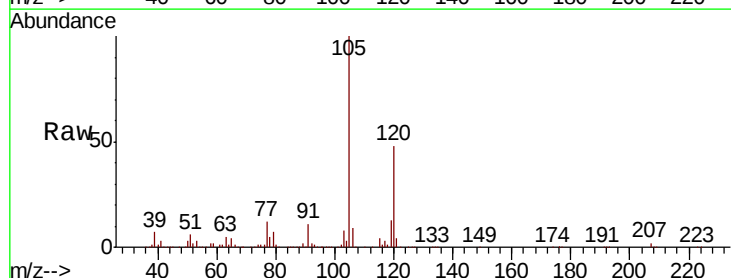
Acq: 29 Jul 2018 16:30

Tgt Ion:105 Resp: 238953

Ion Ratio Lower Upper

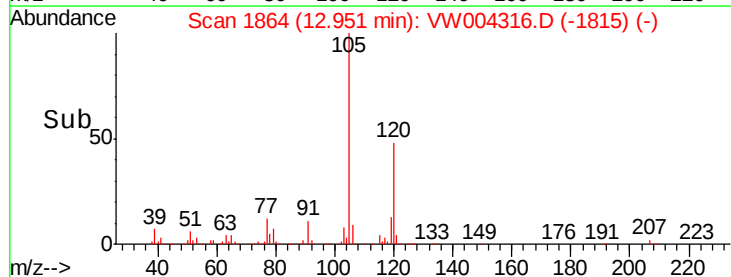
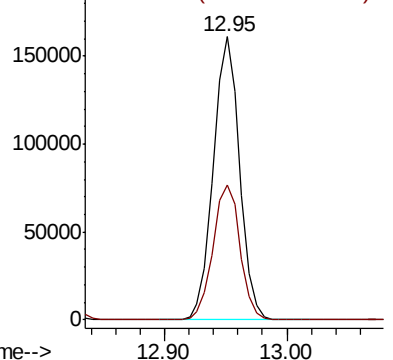
105 100

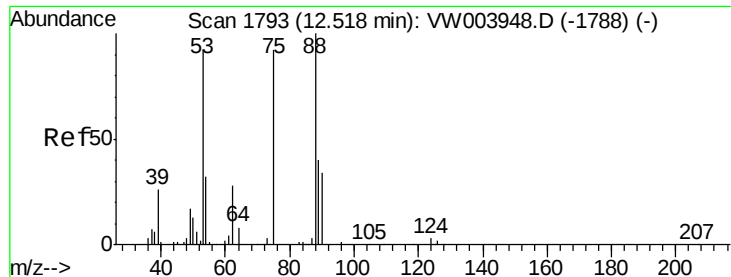
120 49.2 25.1 75.2



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: 21.755 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

ClientSampleId :

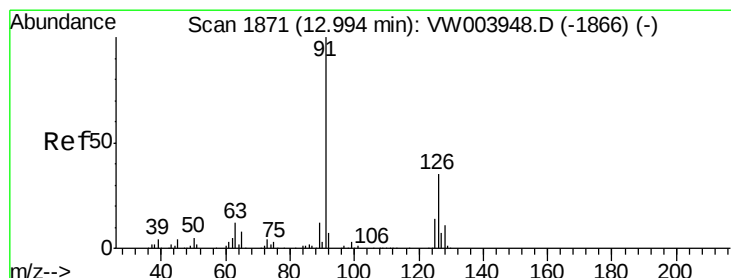
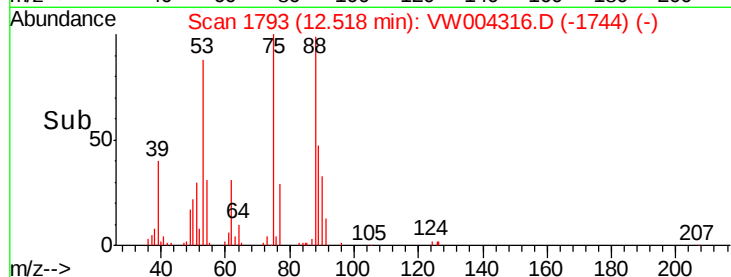
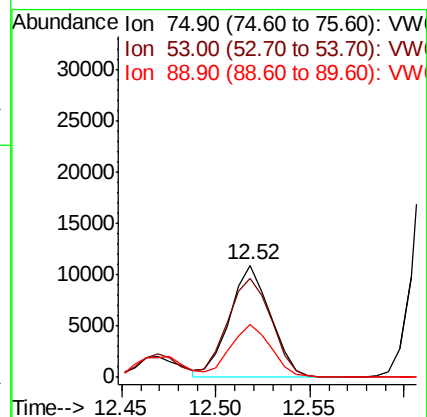
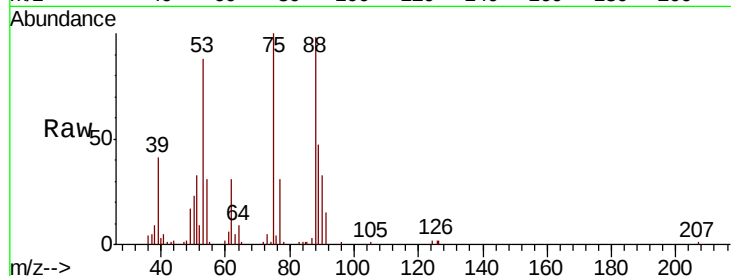
Tot Ion: 75 Resp: 16541

Ion Ratio Lower Upper

75 100

53 95.1 77.6 116.4

89 46.0 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.560 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004316.D

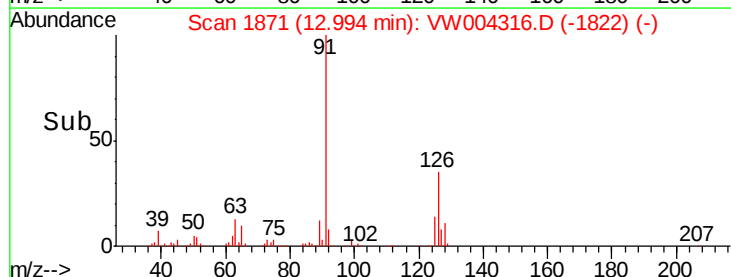
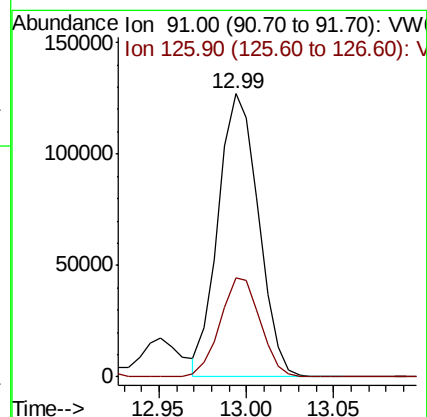
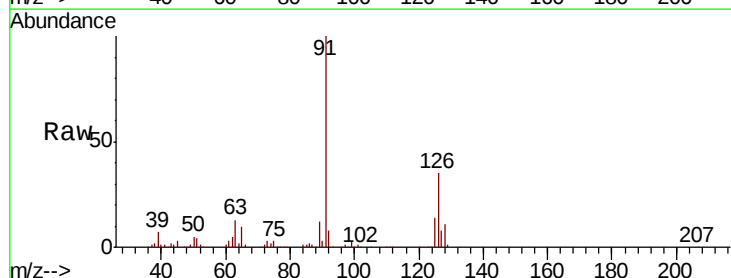
Acq: 29 Jul 2018 16:30

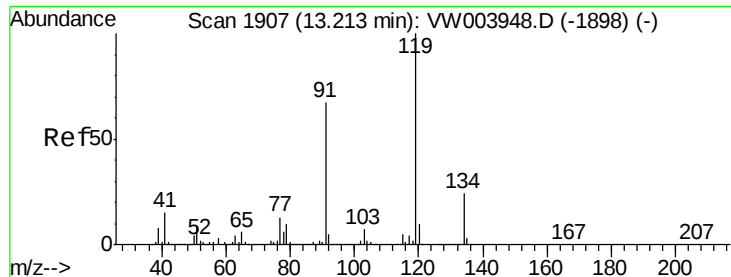
Tgt Ion: 91 Resp: 203759

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.3

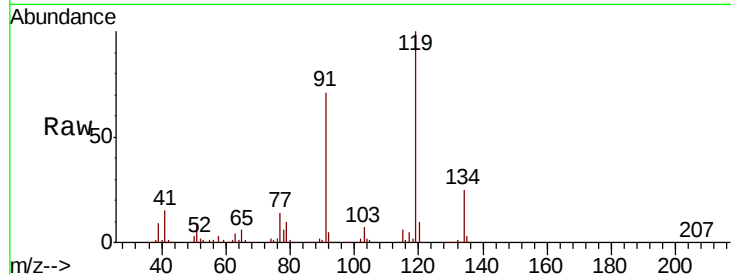




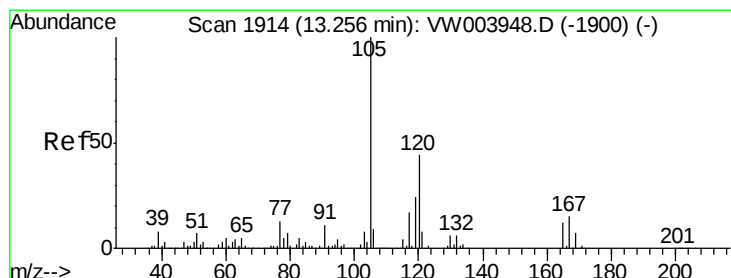
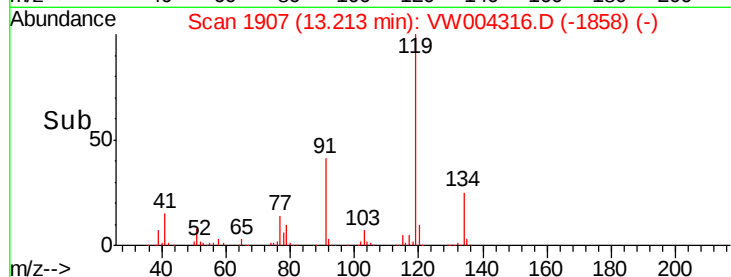
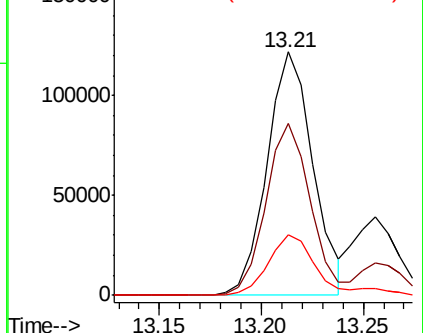
#83
tert-Butylbenzene
Concen: 19.869 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 191668
Ion Ratio Lower Upper
119 100
91 67.8 32.8 98.3
134 26.7 12.2 36.6

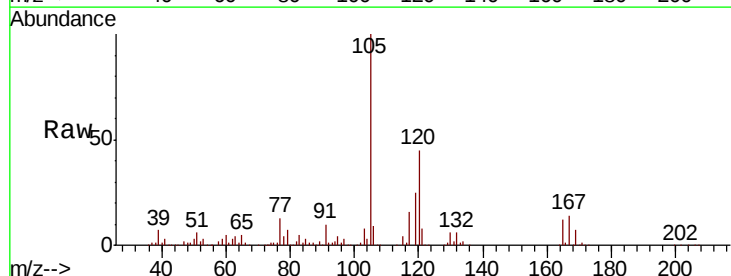


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

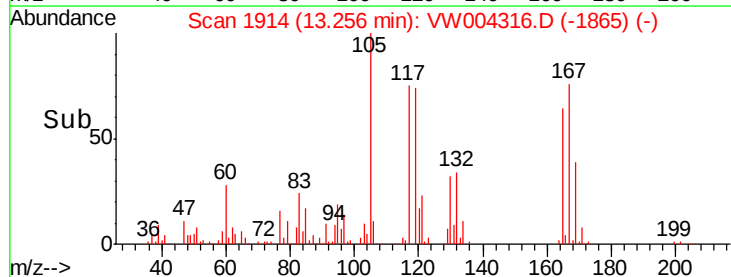
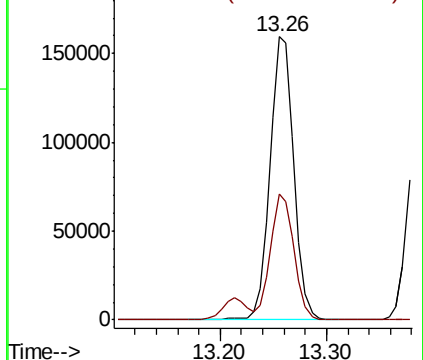


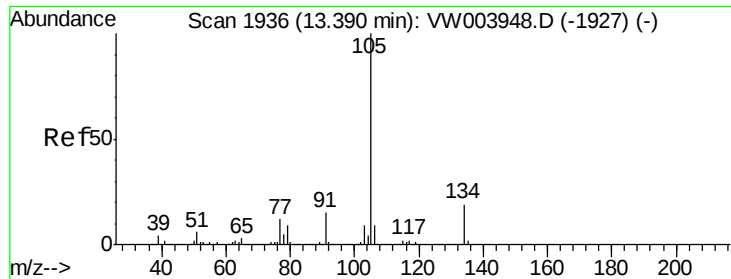
#84
1,2,4-Trimethylbenzene
Concen: 21.018 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion:105 Resp: 248211
Ion Ratio Lower Upper
105 100
120 44.0 22.7 68.0



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

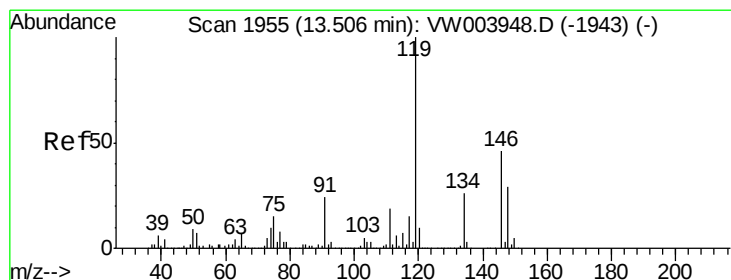
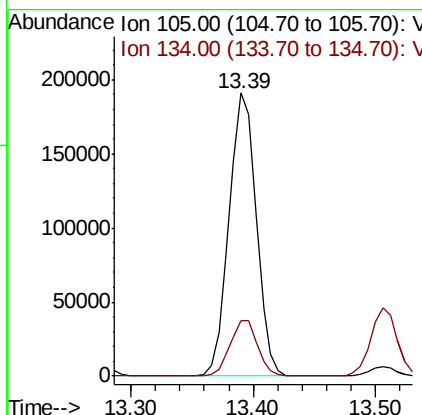
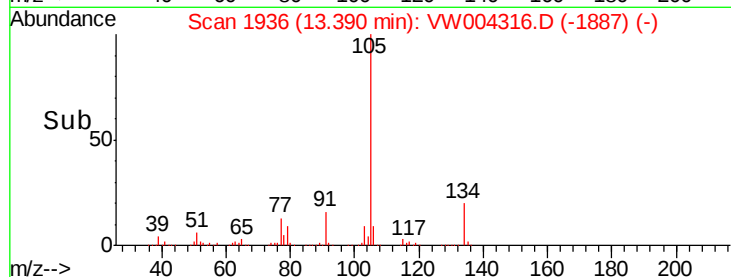
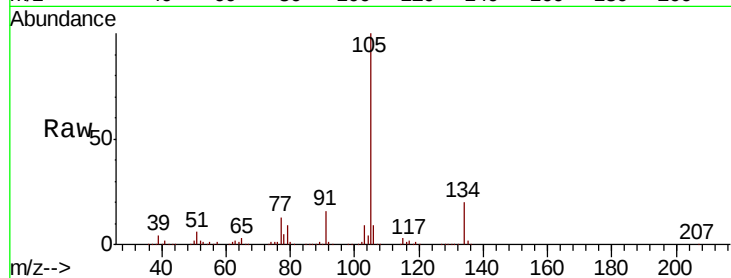




#85
 sec-Butylbenzene
 Concen: 20.788 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

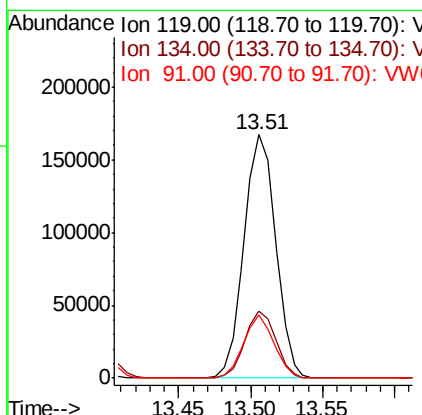
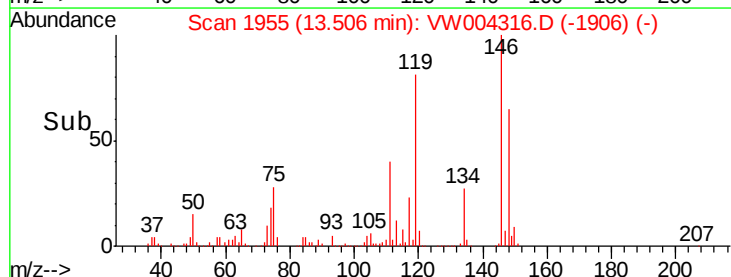
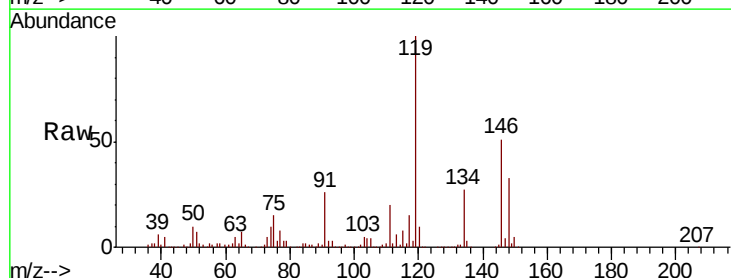
Instrument :
 MSVOA_W
 ClientSampleId :

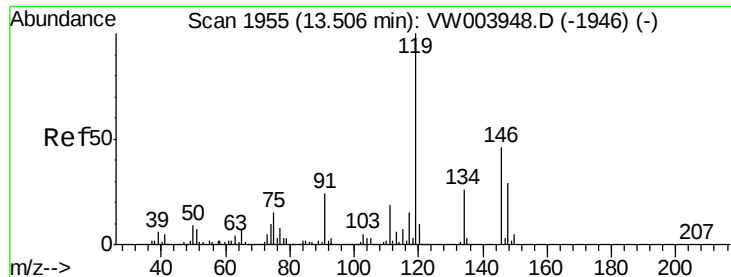
Tot Ion:105 Resp: 292924
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 20.135 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004316.D
 Acq: 29 Jul 2018 16:30

Tgt Ion:119 Resp: 254821
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.6 37.8
 91 24.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.949 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

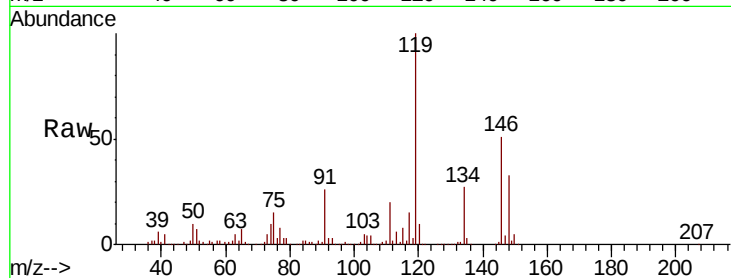
Instrument :

MSVOA_W

ClientSampled :

Tot Ion:146 Resp: 136180

Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.9	59.6
148	63.9	31.9	95.5

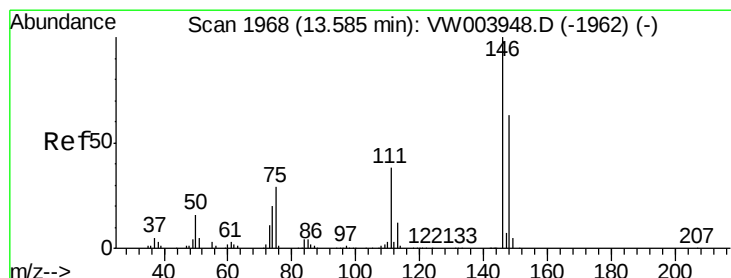
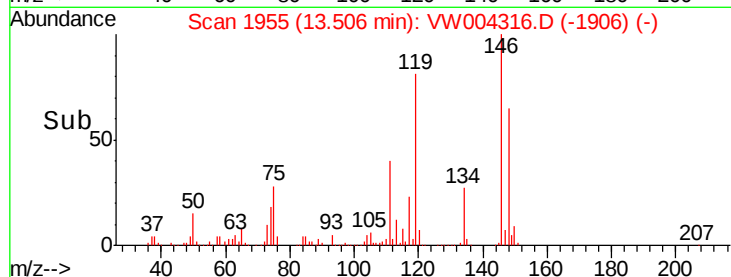
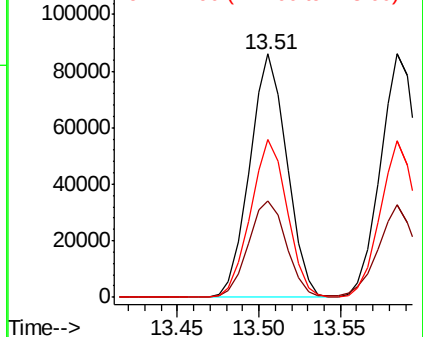


Abundance

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: 21.013 ug/l

RT: 13.59 min Scan# 1968

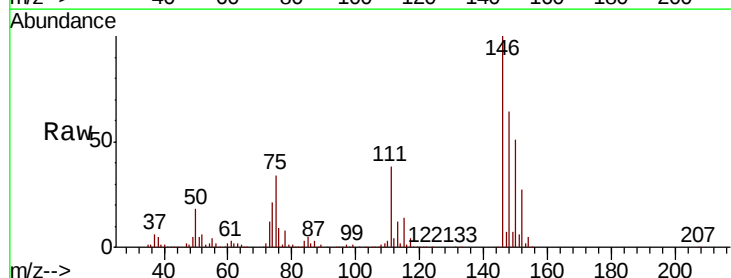
Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Tgt Ion:146 Resp: 136285

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	63.2	32.8	98.3

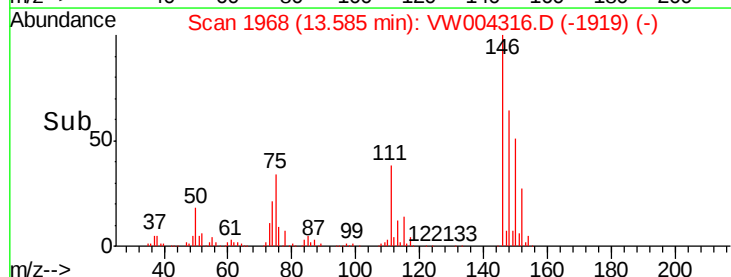
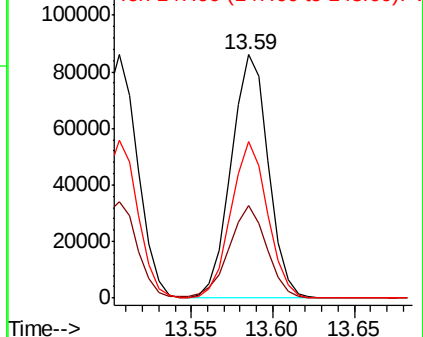


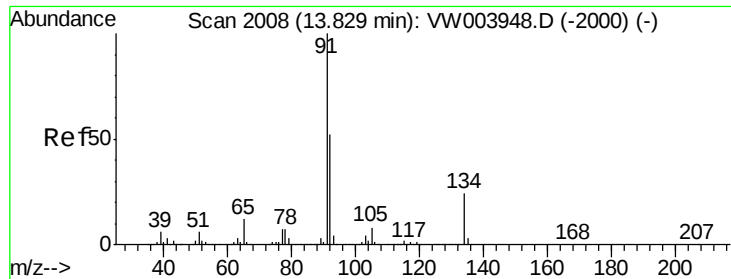
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.795 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

ClientSampled :

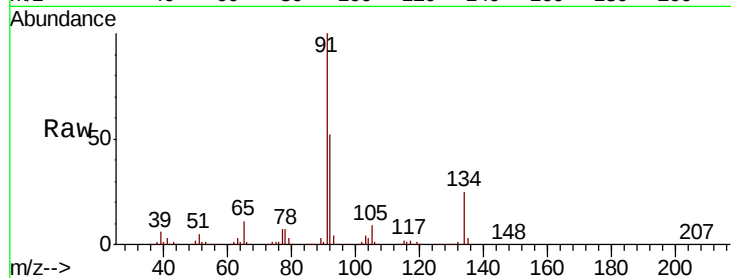
Tot Ion: 91 Resp: 245747

Ion Ratio Lower Upper

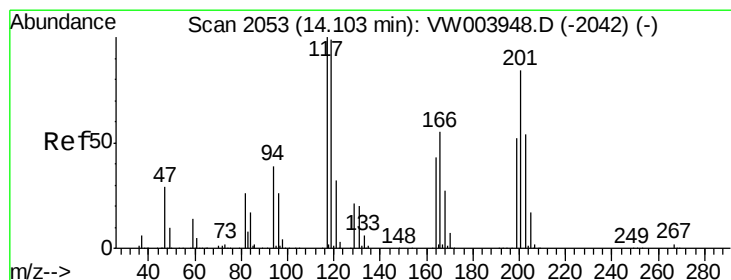
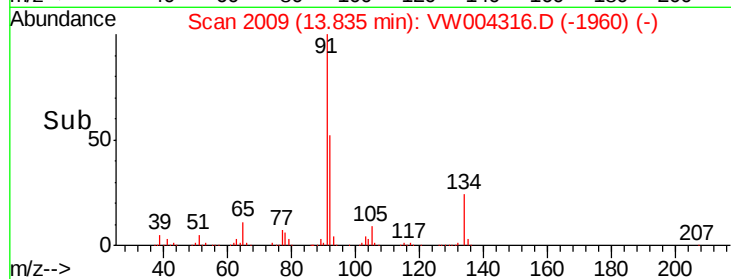
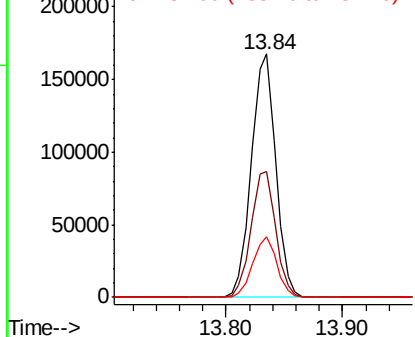
91 100

92 52.2 26.4 79.2

134 24.5 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: 20.325 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW004316.D

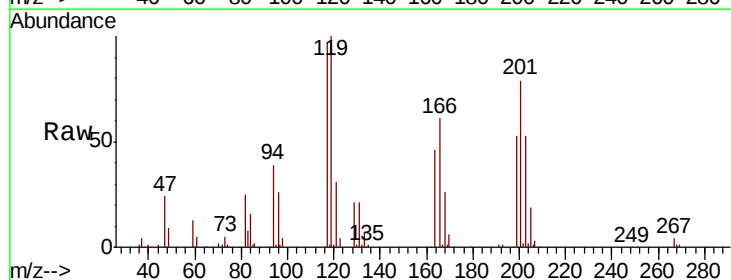
Acq: 29 Jul 2018 16:30

Tgt Ion: 117 Resp: 45877

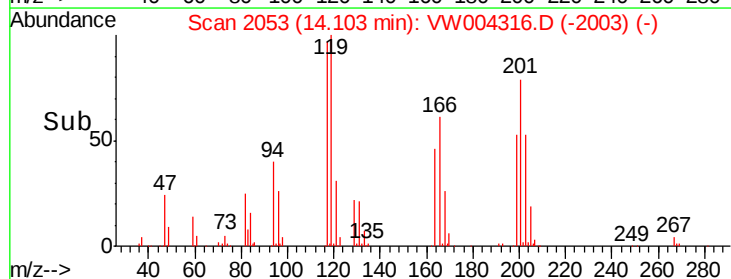
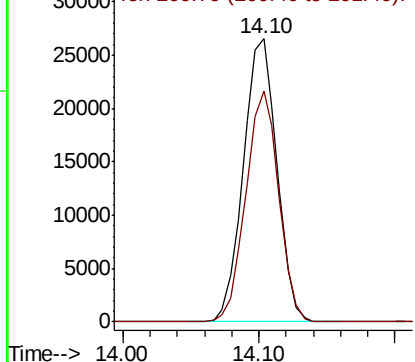
Ion Ratio Lower Upper

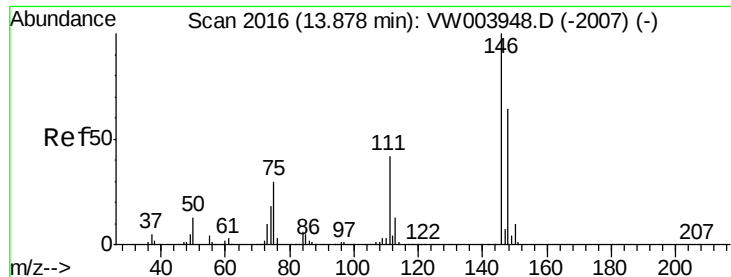
117 100

201 79.9 41.5 124.5



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





#91

1,2-Dichlorobenzene

Concen: 20.968 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

Instrument :

MSVOA_W

ClientSampleId :

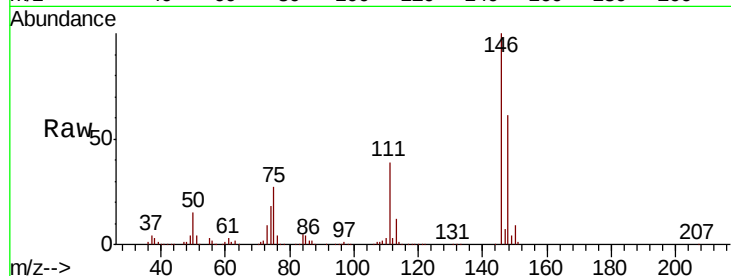
Tot Ion:146 Resp: 122005

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.1

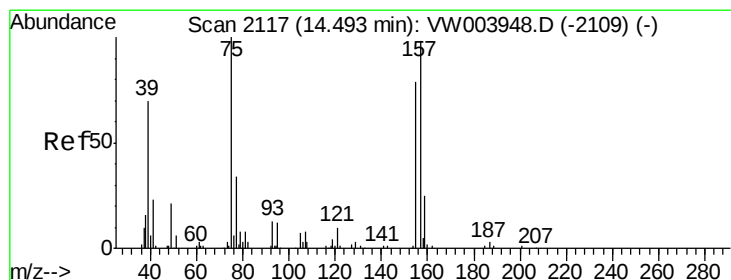
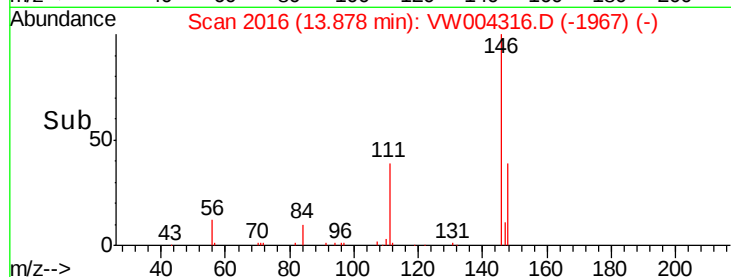
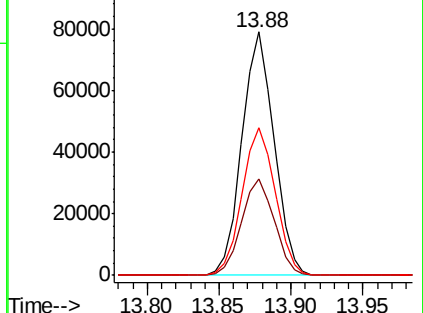
148 62.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.094 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW004316.D

Acq: 29 Jul 2018 16:30

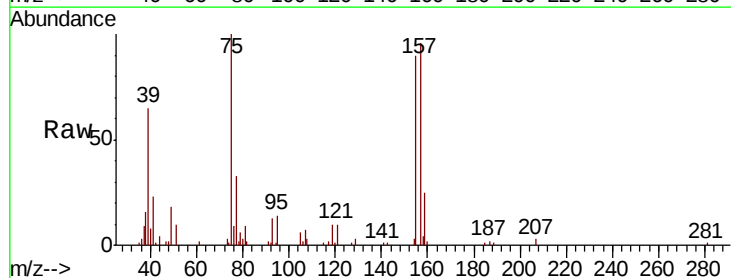
Tgt Ion: 75 Resp: 9492

Ion Ratio Lower Upper

75 100

155 82.0 41.4 124.4

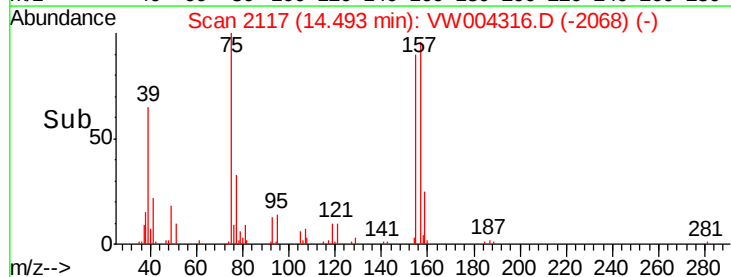
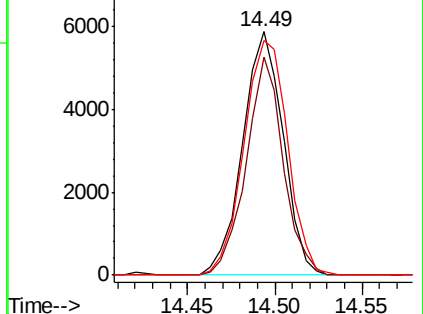
157 104.3 55.2 165.6

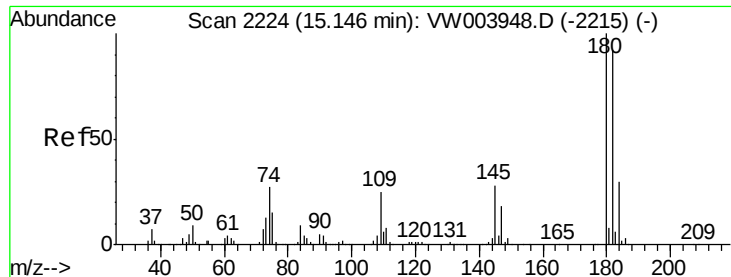


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

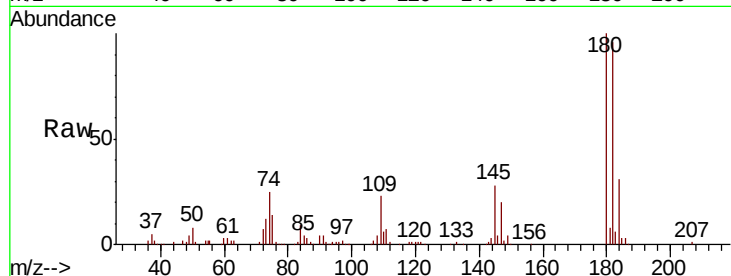




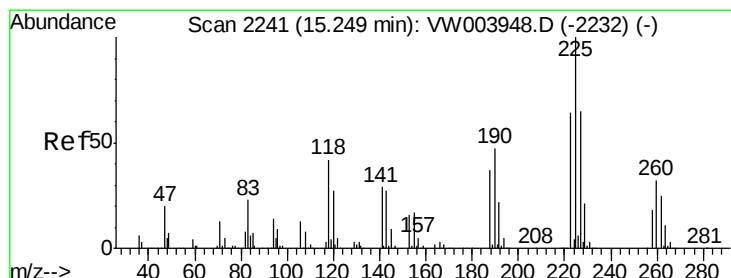
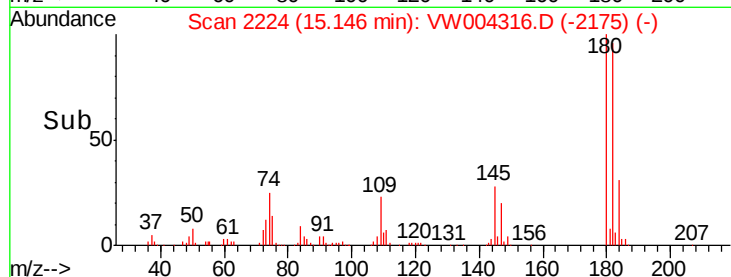
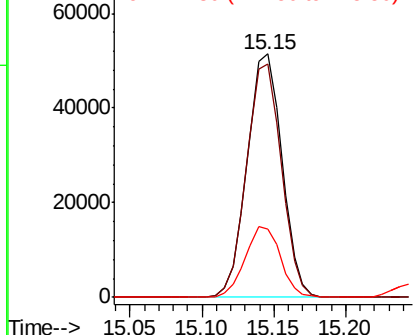
#93
1,2,4-Trichlorobenzene
Concen: 21.073 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:180 Resp: 86096
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.8
145 29.3 14.8 44.4

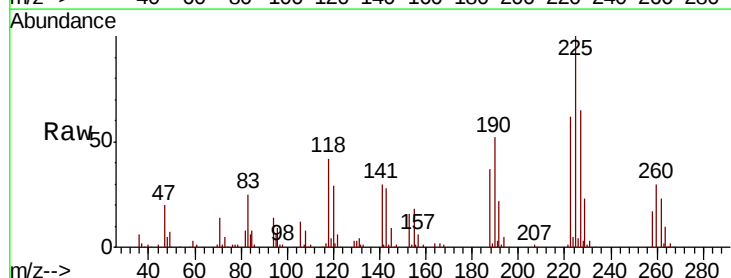


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

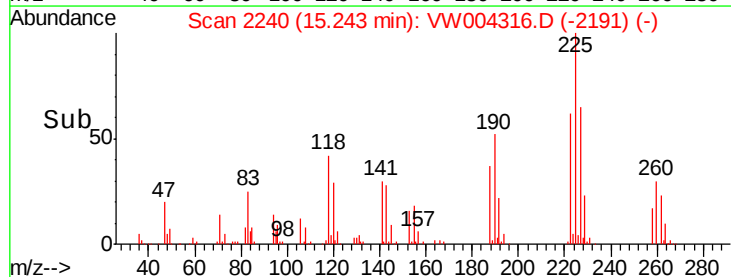
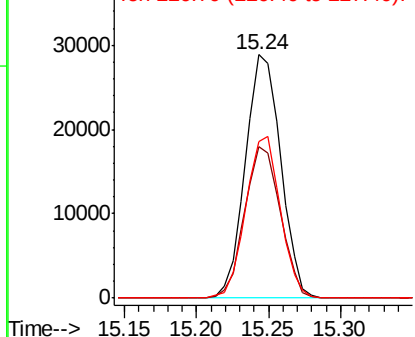


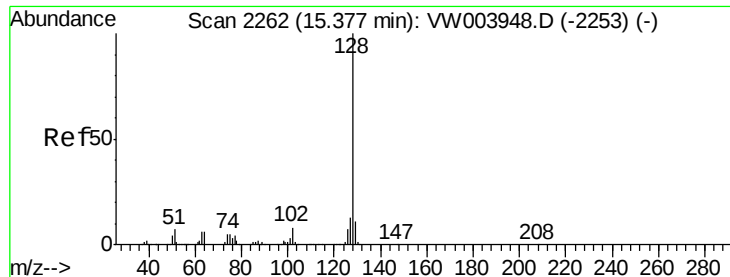
#94
Hexachlorobutadiene
Concen: 19.613 ug/l
RT: 15.24 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion:225 Resp: 48957
Ion Ratio Lower Upper
225 100
223 63.1 31.0 93.0
227 65.1 32.6 97.7



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

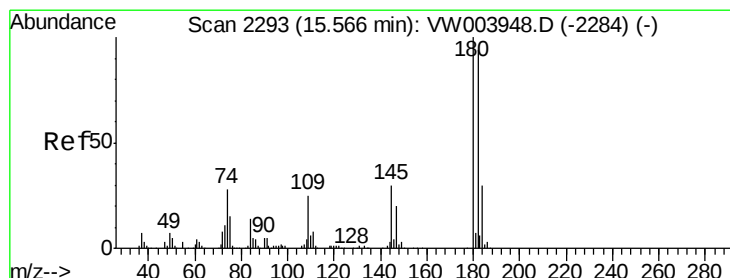
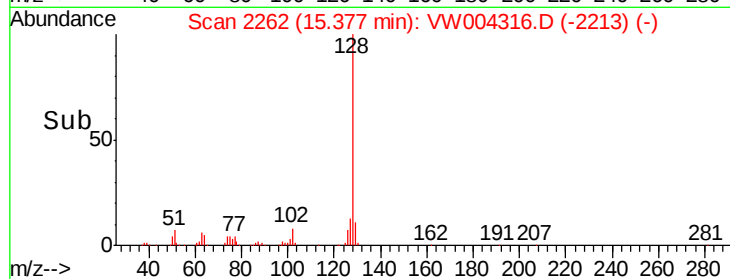
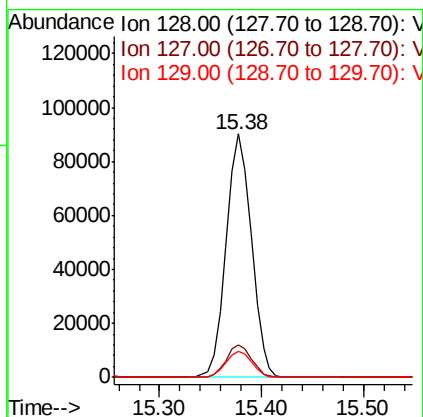
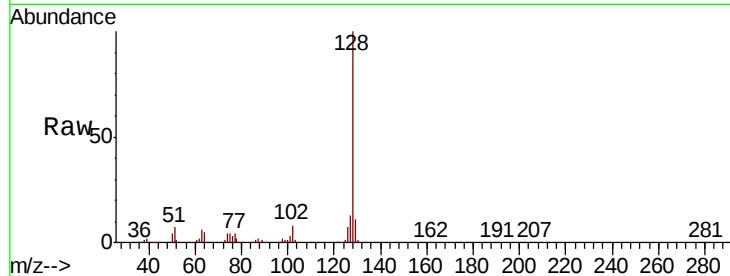




#95
Naphthalene
Concen: 22.052 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 155007
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.723 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004316.D
Acq: 29 Jul 2018 16:30

Tgt Ion:180 Resp: 77661
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 30.9 16.2 48.5

