

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004312.D
 Acq On : 29 Jul 2018 13:55
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 01:30:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	292177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	440252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	391530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	296278	100.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.06%	
35) Dibromofluoromethane	7.88	113	277705	99.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.62%	
50) Toluene-d8	10.33	98	1124261	102.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.50%	
62) 4-Bromofluorobenzene	12.62	95	398597	102.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.92%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	94701	91.451	ug/l	98
3) Chloromethane	2.21	50	139773	85.285	ug/l	99
4) Vinyl Chloride	2.36	62	231780	82.184	ug/l	99
5) Bromomethane	2.76	94	160986	86.412	ug/l	96
6) Chloroethane	2.92	64	156886	88.611	ug/l	97
7) Trichlorofluoromethane	3.25	101	135425	80.260	ug/l	99
8) Diethyl Ether	3.68	74	118214	79.946	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	276332	94.435	ug/l	99
10) Methyl Iodide	4.26	142	425914	97.296	ug/l	99
11) Tert butyl alcohol	5.18	59	102172	472.524	ug/l	99
12) 1,1-Dichloroethene	4.03	96	283527	96.969	ug/l	98
13) Acrolein	3.89	56	93132	485.938	ug/l	97
14) Allyl chloride	4.66	41	490216	104.277	ug/l	100
15) Acrylonitrile	5.37	53	341282	513.977	ug/l	99
16) Acetone	4.12	43	335981	497.471	ug/l	99
17) Carbon Disulfide	4.37	76	899115	99.455	ug/l	100
18) Methyl Acetate	4.67	43	169092	97.316	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	536889	103.121	ug/l	98
20) Methylene Chloride	4.90	84	282423	89.851	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	302540	97.017	ug/l	99
22) Diisopropyl ether	6.31	45	919647	103.949	ug/l	98
23) Vinyl Acetate	6.26	43	2820099	549.432	ug/l	99
24) 1,1-Dichloroethane	6.21	63	544043	95.485	ug/l	99
25) 2-Butanone	7.17	43	455190	556.095	ug/l	99
26) 2,2-Dichloropropane	7.17	77	308347	93.281	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	323705	102.003	ug/l	99
28) Bromochloromethane	7.51	49	190172	95.235	ug/l	99
29) Tetrahydrofuran	7.53	42	297125	567.261	ug/l	100
30) Chloroform	7.68	83	534726	98.254	ug/l	100
31) Cyclohexane	7.96	56	511608	101.684	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	431026	96.434	ug/l	99
36) 1,1-Dichloropropene	8.08	75	444671	100.964	ug/l	99
37) Ethyl Acetate	7.26	43	196811	109.050	ug/l	99
38) Carbon Tetrachloride	8.07	117	423399	97.358	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	563871	106.248	ug/l	98
40) Benzene	8.32	78	1238292	99.945	ug/l	99
41) Methacrylonitrile	7.49	41	124737	119.699	ug/l	98
42) 1,2-Dichloroethane	8.40	62	348598	98.414	ug/l	100
43) Isopropyl Acetate	8.43	43	376633	115.790	ug/l	99
44) Trichloroethene	9.09	130	326655	97.656	ug/l	99
45) 1,2-Dichloropropane	9.37	63	314752	102.375	ug/l	98
46) Dibromomethane	9.46	93	157154	100.103	ug/l	99
47) Bromodichloromethane	9.65	83	394731	99.129	ug/l	99
48) Methyl methacrylate	9.44	41	187837	113.386	ug/l	99
49) 1,4-Dioxane	9.45	88	54339	2283.209	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	998409	559.276	ug/l	99
52) Toluene	10.39	92	783771	100.756	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	418757	104.998	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	485153	104.345	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	223597	99.961	ug/l	96
56) Ethyl methacrylate	10.65	69	306178	113.112	ug/l	99
57) 1,3-Dichloropropane	10.93	76	389809	102.288	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	665365	553.349	ug/l	100
59) 2-Hexanone	10.97	43	675022	550.691	ug/l	98
60) Dibromochloromethane	11.13	129	266658	99.631	ug/l	98
61) 1,2-Dibromoethane	11.24	107	215390	100.978	ug/l	100
64) Tetrachloroethene	10.87	164	273700	95.416	ug/l	96
65) Chlorobenzene	11.66	112	822802	100.061	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	282817	97.515	ug/l	99
67) Ethyl Benzene	11.74	91	1484047	103.534	ug/l	97
68) m/p-Xylenes	11.84	106	1125976	204.138	ug/l	96
69) o-Xylene	12.17	106	542238	106.397	ug/l	96
70) Styrene	12.19	104	909210	105.598	ug/l	98
71) Bromoform	12.35	173	165316	101.708	ug/l #	100
73) Isopropylbenzene	12.47	105	1523108	108.117	ug/l	98
74) N-amyl acetate	12.28	43	365791	119.828	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	265480	107.579	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	357657	115.507	ug/l #	100
77) Bromobenzene	12.76	156	342655	100.667	ug/l	98
78) n-propylbenzene	12.81	91	1825570	106.373	ug/l	99
79) 2-Chlorotoluene	12.90	91	1029595	104.888	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	1259022	103.742	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	90616	113.714	ug/l	96
82) 4-Chlorotoluene	12.99	91	1079132	103.892	ug/l	98
83) tert-Butylbenzene	13.21	119	1059212	104.764	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1283169	103.671	ug/l	98
85) sec-Butylbenzene	13.39	105	1535092	103.945	ug/l	97
86) p-Isopropyltoluene	13.51	119	1363643	102.808	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	666337	97.801	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	675265	99.341	ug/l	98
89) n-Butylbenzene	13.84	91	1286212	103.845	ug/l	98
90) Hexachloroethane	14.10	117	241689	102.164	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	604538	99.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	45416	105.427	ug/l	95

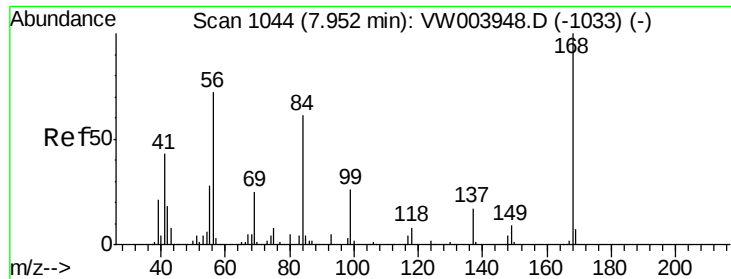
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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Quant Title : SW846 8260
QLast Update : Mon Jul 30 01:27:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	425556	99.381	ug/l	98
94) Hexachlorobutadiene	15.25	225	254108	97.130	ug/l	97
95) Naphthalene	15.38	128	811446	110.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	376612	100.510	ug/l	100

(#) = 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: VW004312.D

Acq: 29 Jul 2018 13:55

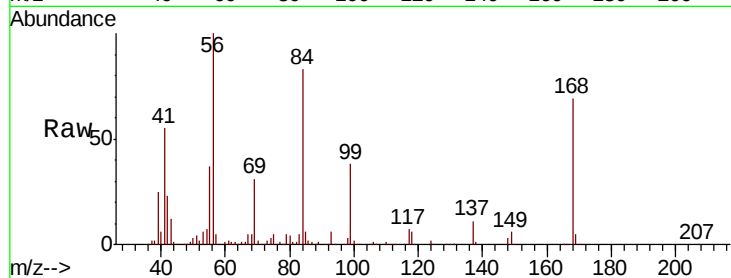
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 292177

Ion Ratio Lower Upper

168 100

99 54.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

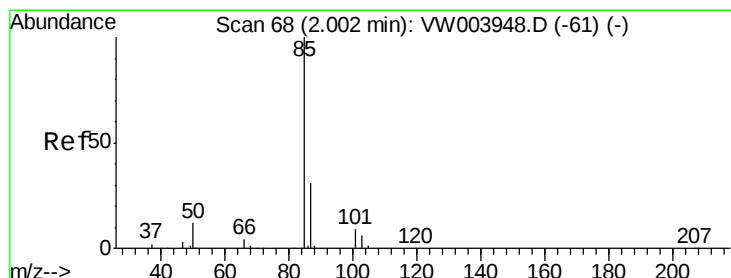
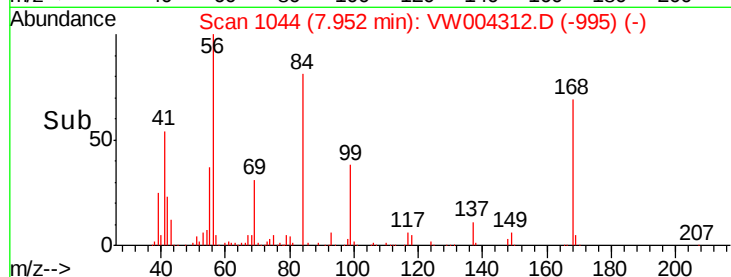
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 91.451 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004312.D

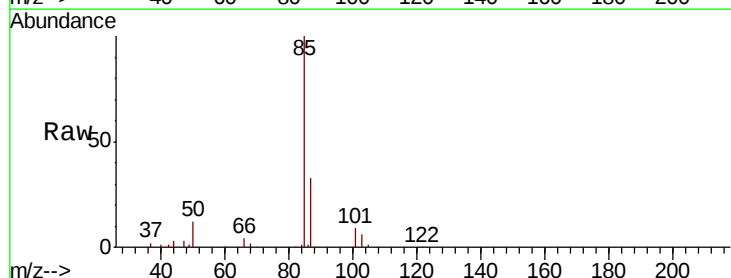
Acq: 29 Jul 2018 13:55

Tgt Ion: 85 Resp: 94701

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

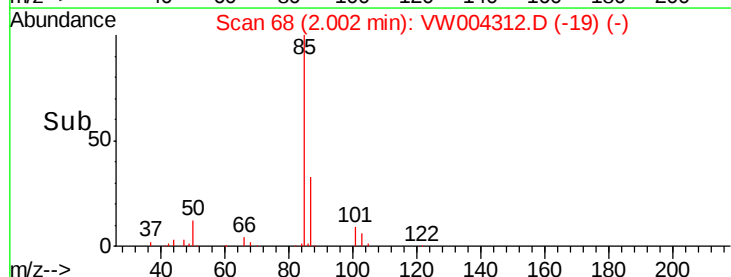
20000

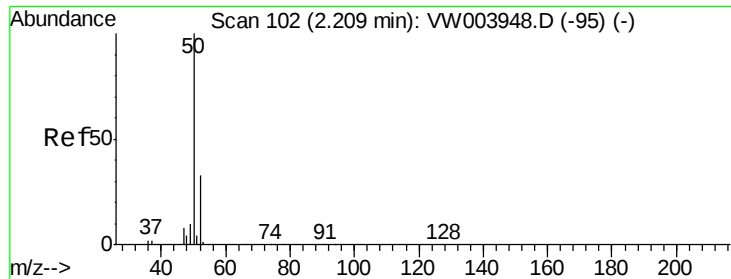
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 85.285 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

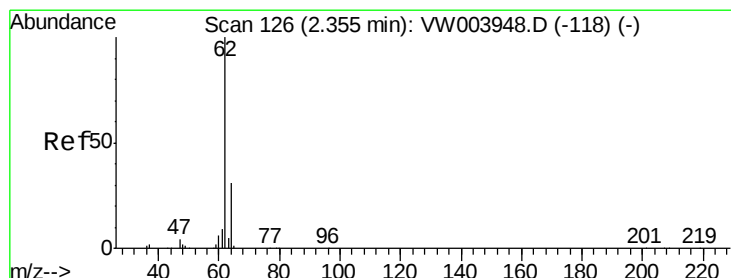
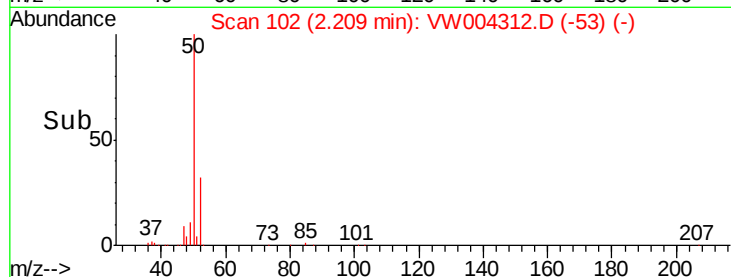
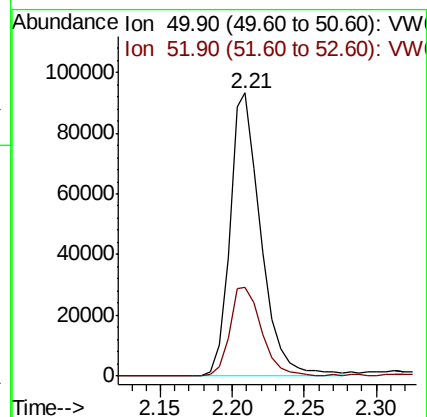
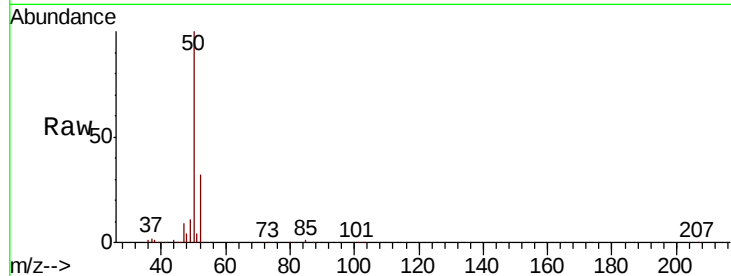
ClientSampleId :

Tot Ion: 50 Resp: 139773

Ion Ratio Lower Upper

50 100

52 31.5 24.8 37.2



#4

Vinyl Chloride

Concen: 82.184 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW004312.D

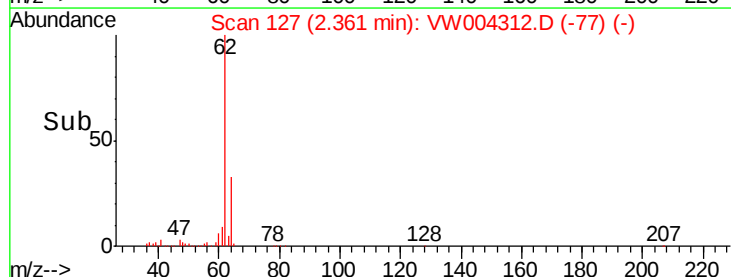
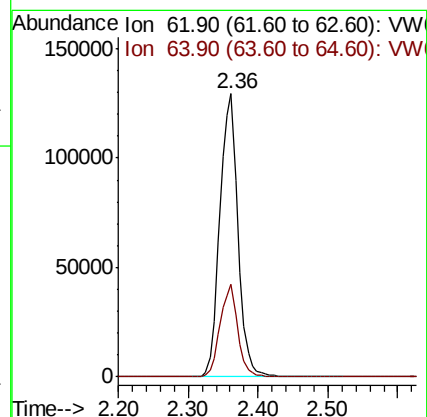
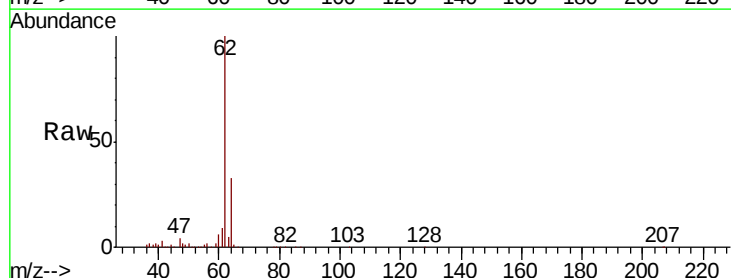
Acq: 29 Jul 2018 13:55

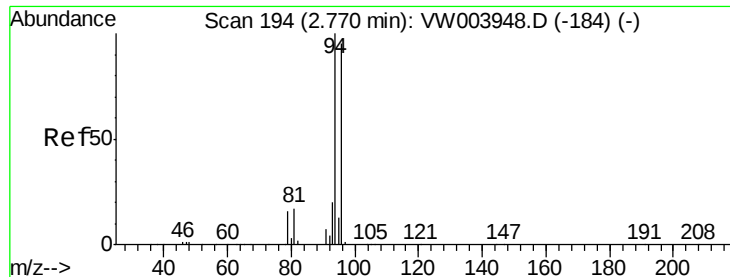
Tgt Ion: 62 Resp: 231780

Ion Ratio Lower Upper

62 100

64 32.8 25.9 38.9





#5

Bromomethane

Concen: 86.412 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

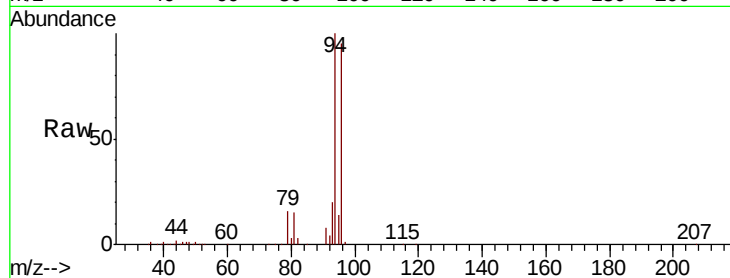
ClientSampled :

Tot Ion: 94 Resp: 160986

Ion Ratio Lower Upper

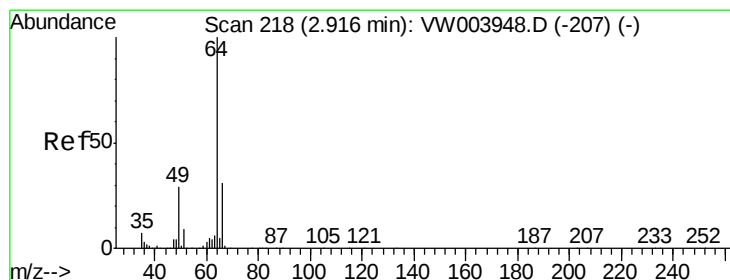
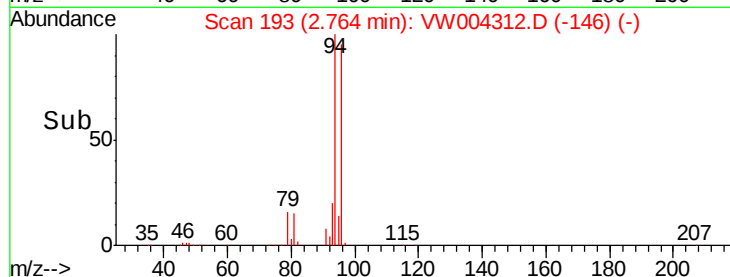
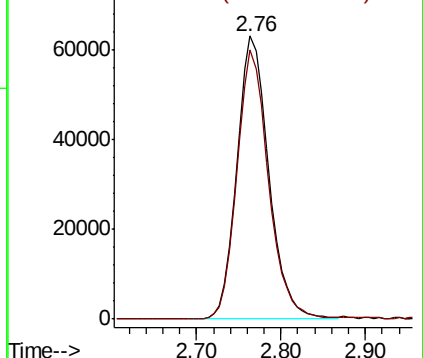
94 100

96 95.1 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 88.611 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004312.D

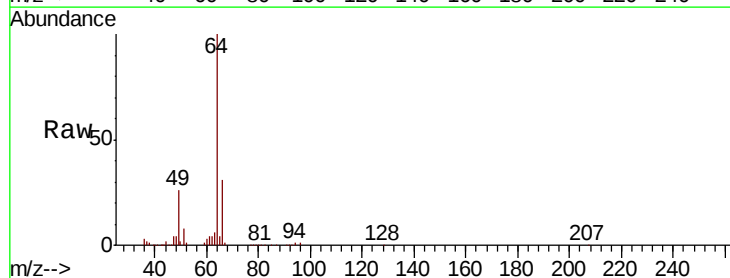
Acq: 29 Jul 2018 13:55

Tgt Ion: 64 Resp: 156886

Ion Ratio Lower Upper

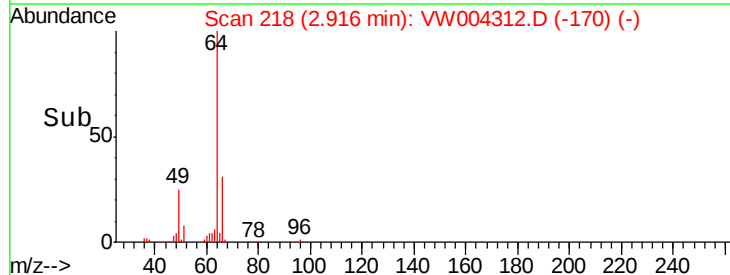
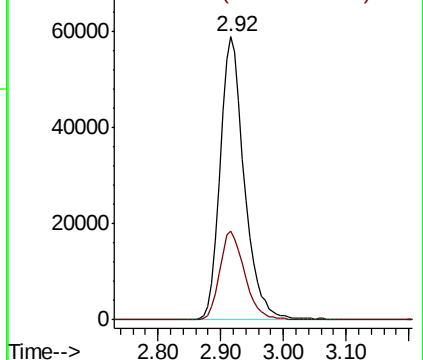
64 100

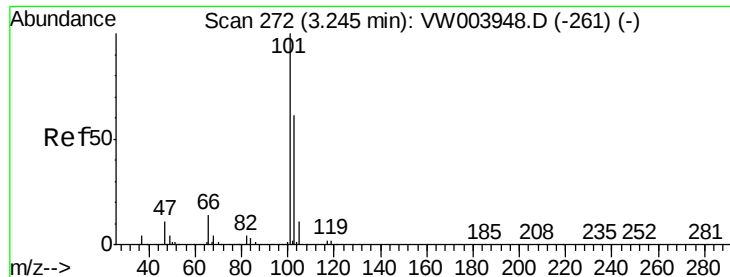
66 31.3 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



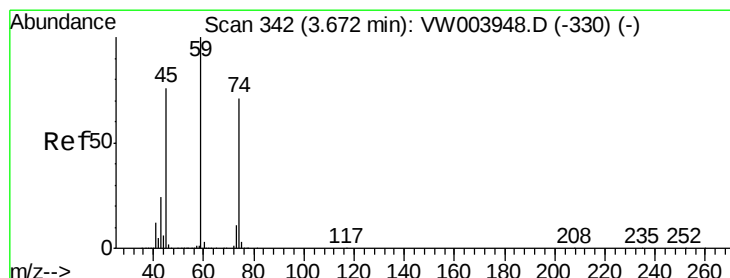
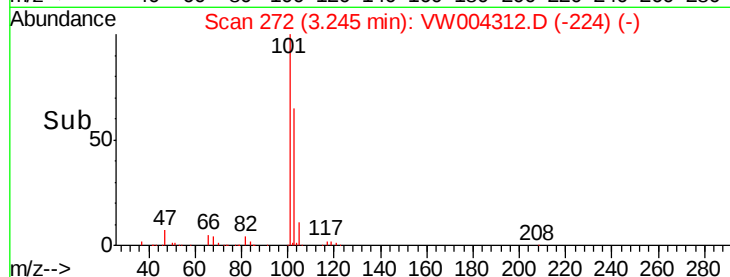
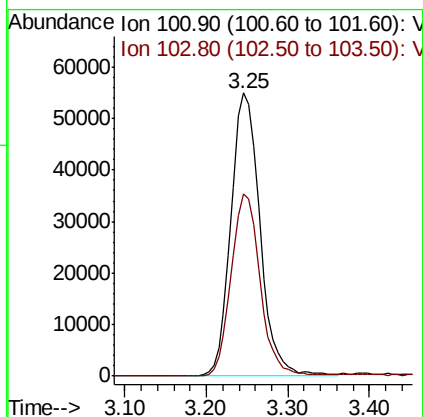
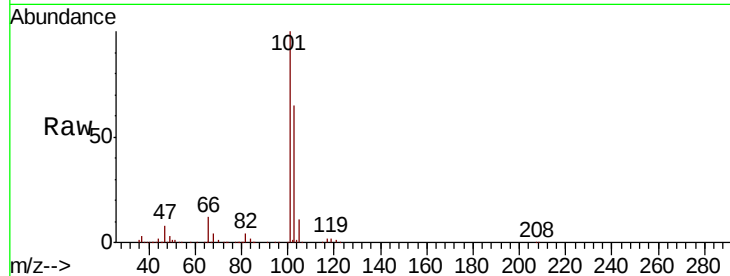


#7

Trichlorofluoromethane
 Concen: 80.260 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Instrument :
 MSVOA_W
 ClientSampled :

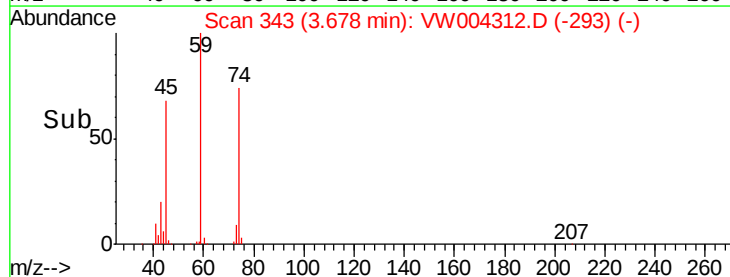
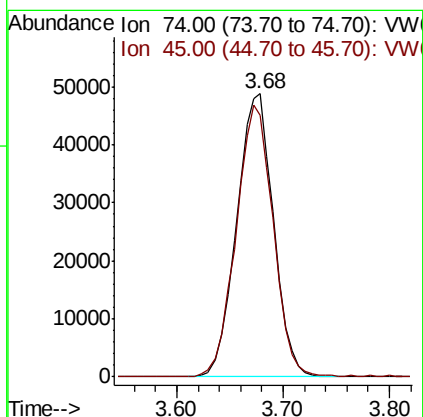
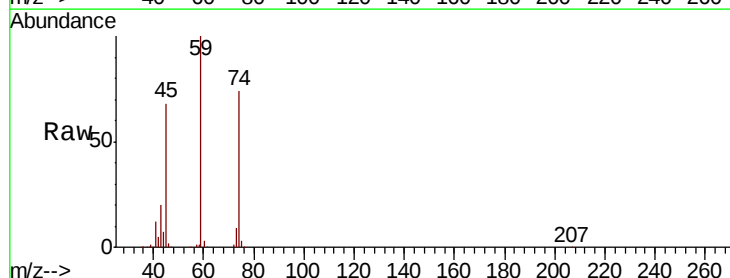
Tot Ion:101 Resp: 135425
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.8 76.2

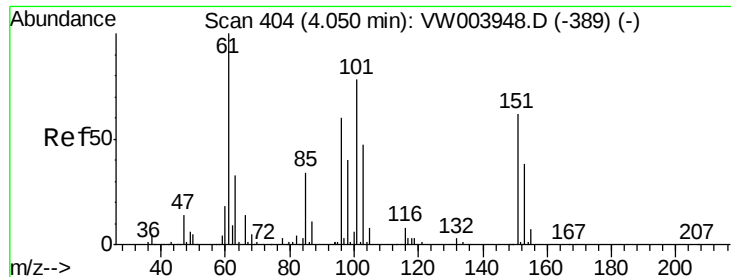


#8

Diethyl Ether
 Concen: 79.946 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Tgt Ion: 74 Resp: 118214
 Ion Ratio Lower Upper
 74 100
 45 96.2 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.435 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampleId :

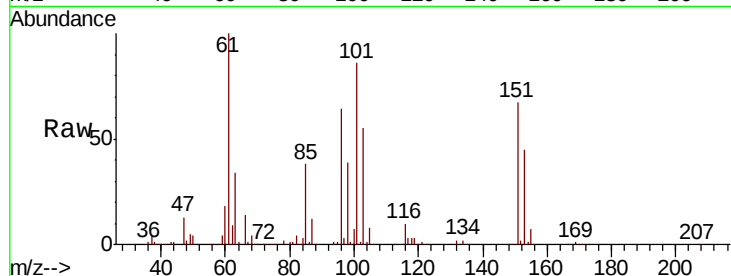
Tot Ion:101 Resp: 276332

Ion Ratio Lower Upper

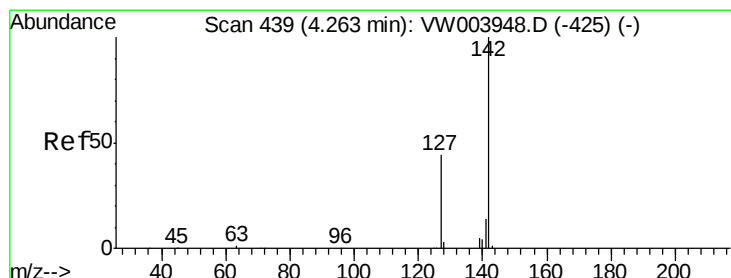
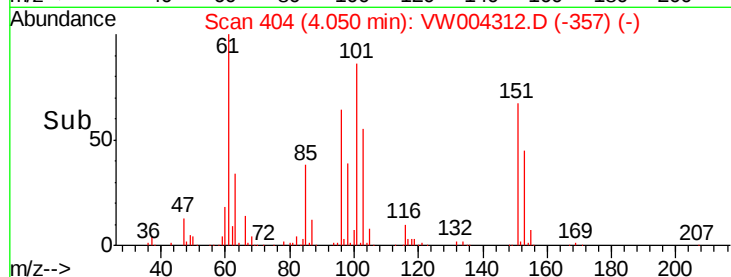
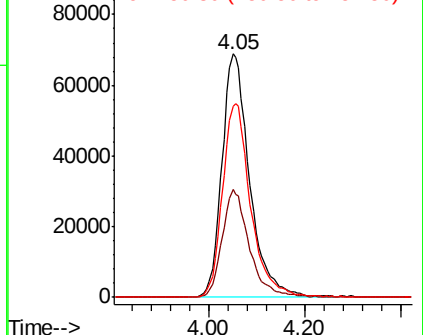
101 100

85 43.0 35.5 53.3

151 80.7 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: 97.296 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

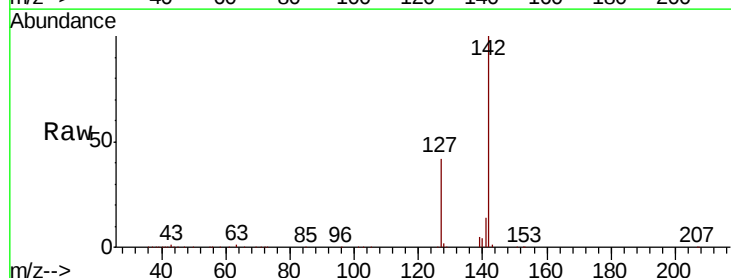
Tgt Ion:142 Resp: 425914

Ion Ratio Lower Upper

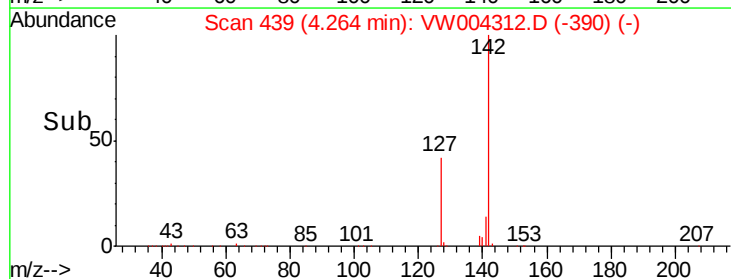
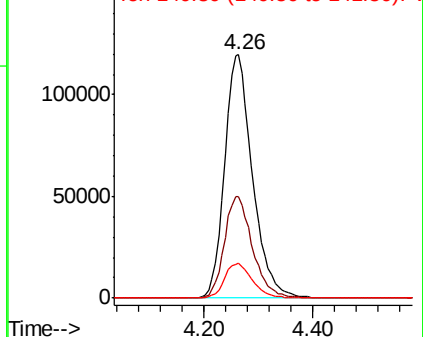
142 100

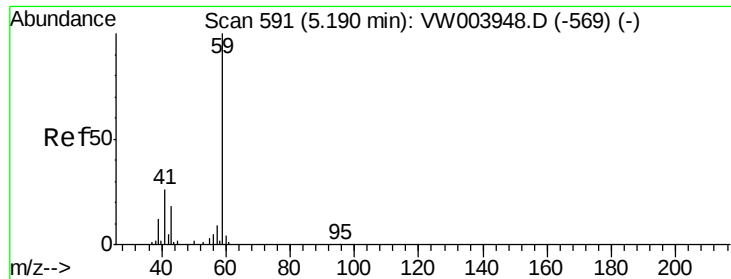
127 42.3 34.6 52.0

141 14.4 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

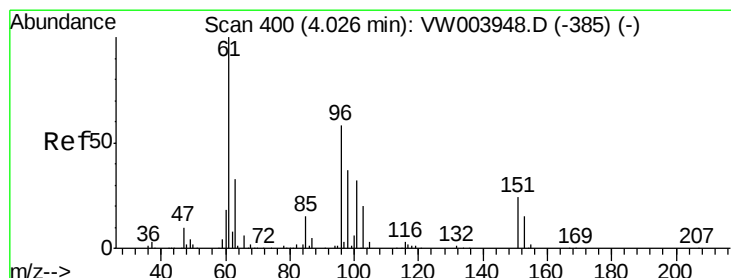
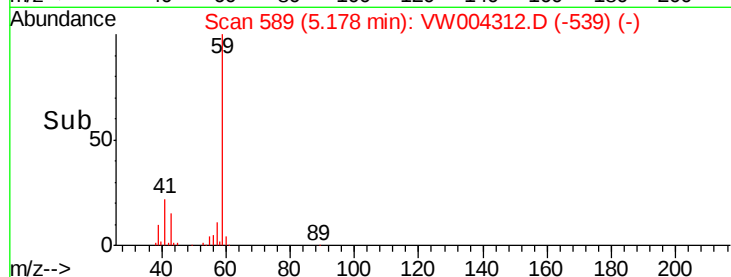
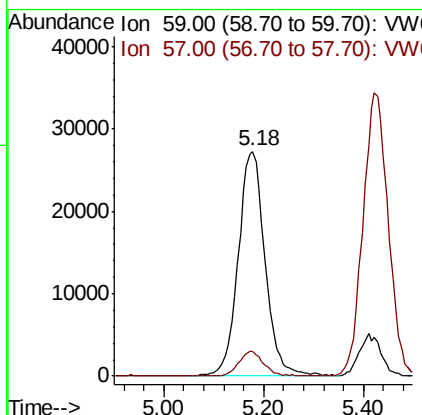
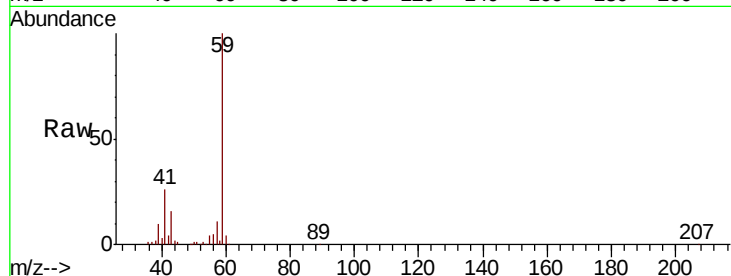




#11
Tert butyl alcohol
Concen: 472.524 ug/l
RT: 5.18 min Scan# 589
Delta R.T. 0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

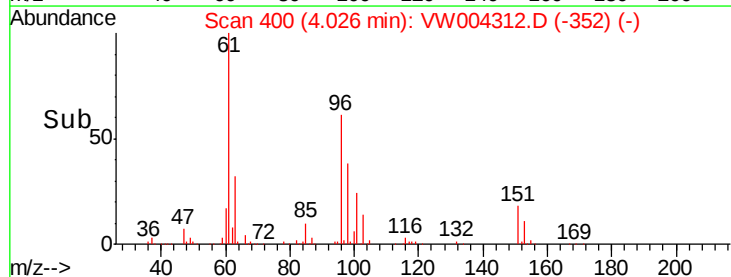
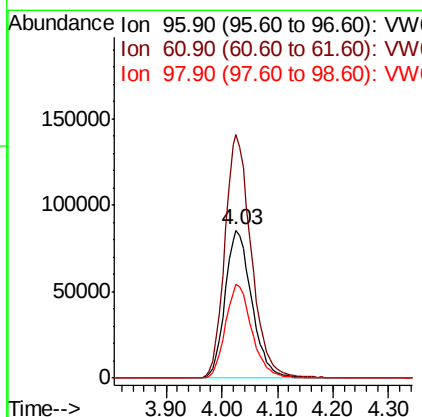
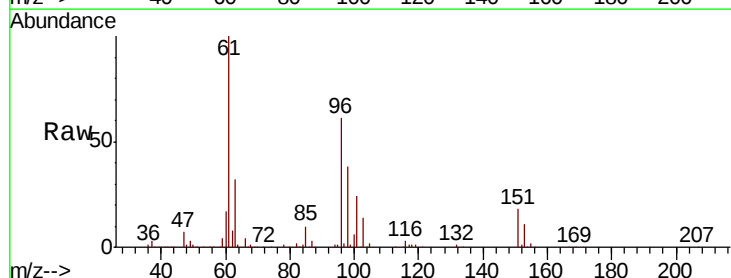
Instrument :
MSVOA_W
ClientSampleId :

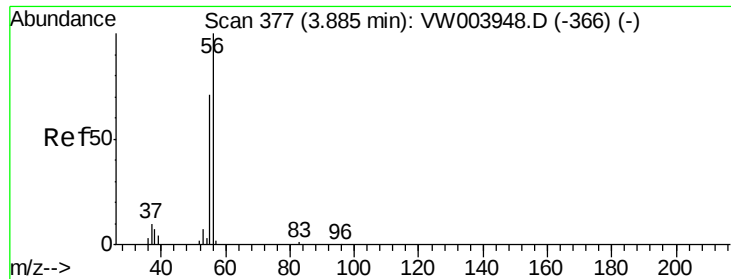
Tot Ion: 59 Resp: 102172
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 96.969 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 96 Resp: 283527
Ion Ratio Lower Upper
96 100
61 164.3 133.4 200.0
98 63.1 51.9 77.9





#13

Acrolein

Concen: 485.938 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

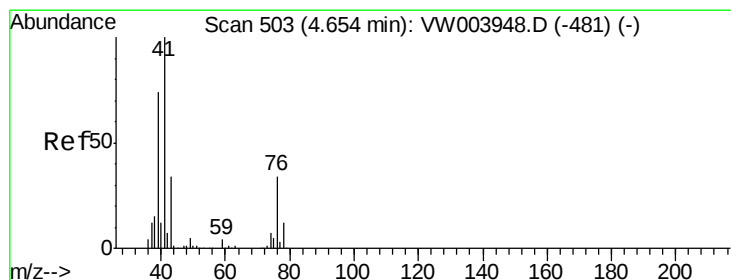
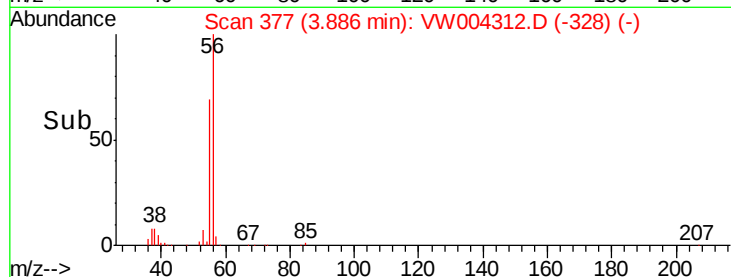
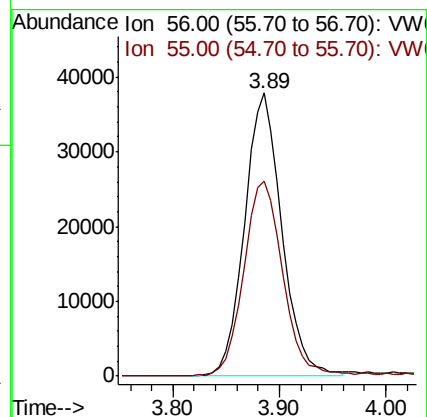
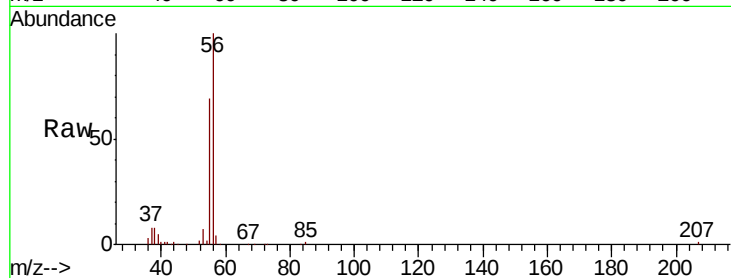
ClientSampleId :

Tot Ion: 56 Resp: 93132

Ion Ratio Lower Upper

56 100

55 71.4 59.4 89.2



#14

Allyl chloride

Concen: 104.277 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

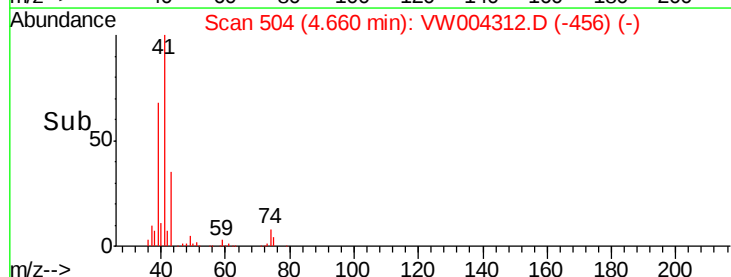
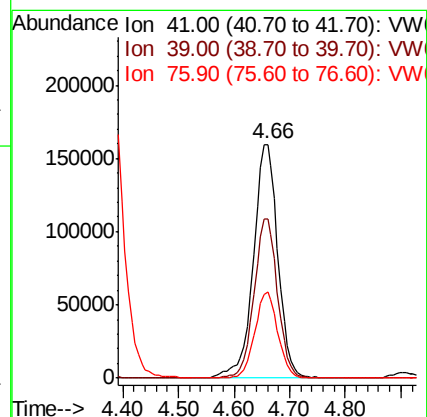
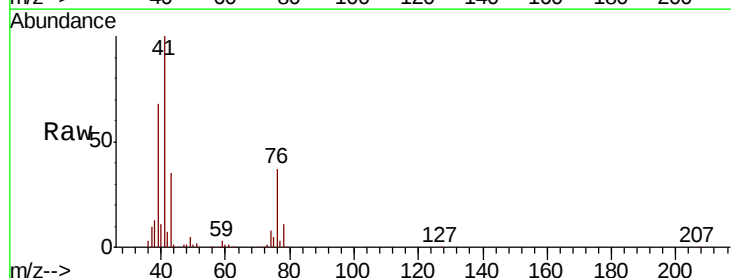
Tgt Ion: 41 Resp: 490216

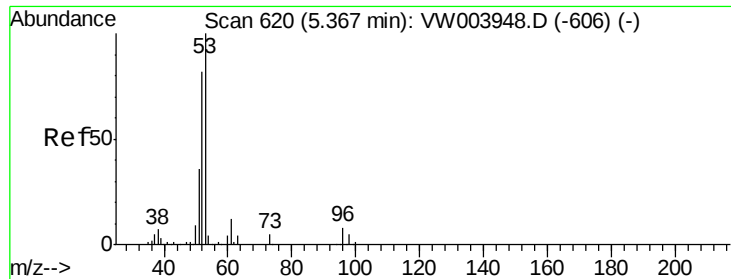
Ion Ratio Lower Upper

41 100

39 65.4 52.3 78.5

76 34.2 27.3 40.9





#15

Acrylonitrile

Concen: 513.977 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampleId :

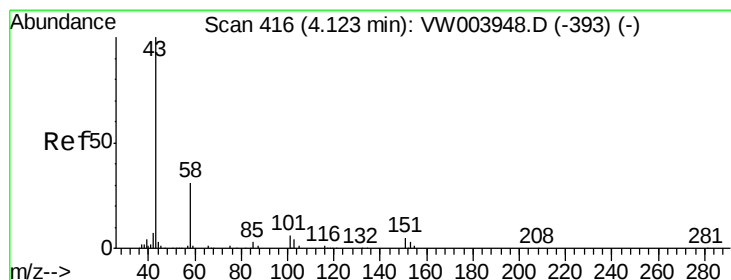
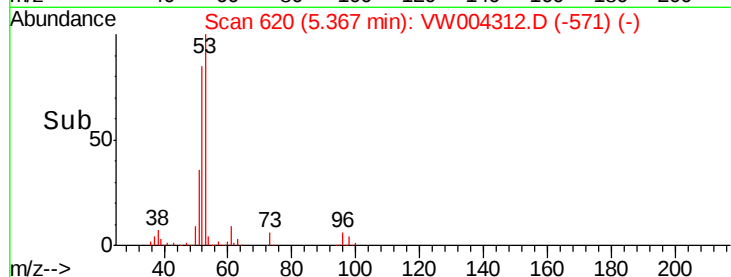
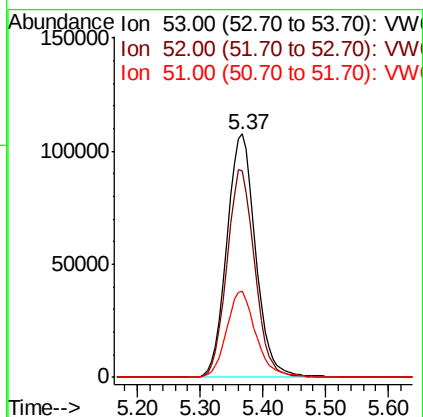
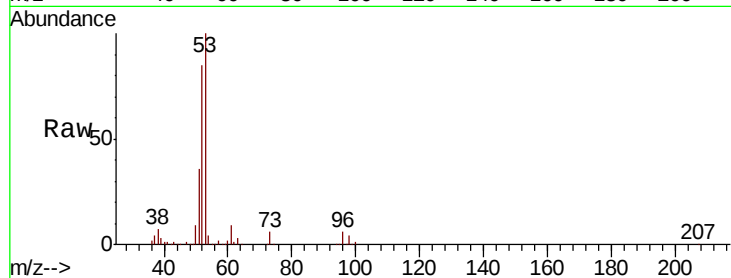
Tot Ion: 53 Resp: 341282

Ion Ratio Lower Upper

53 100

52 82.6 65.7 98.5

51 36.3 29.2 43.8



#16

Acetone

Concen: 497.471 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004312.D

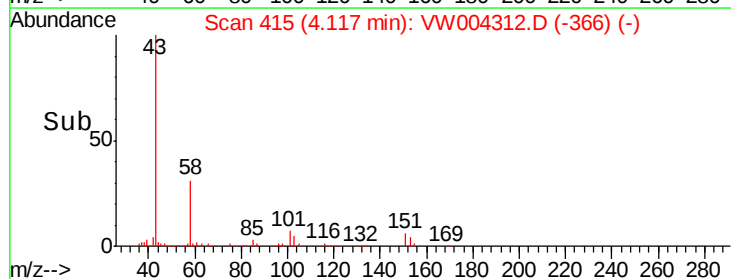
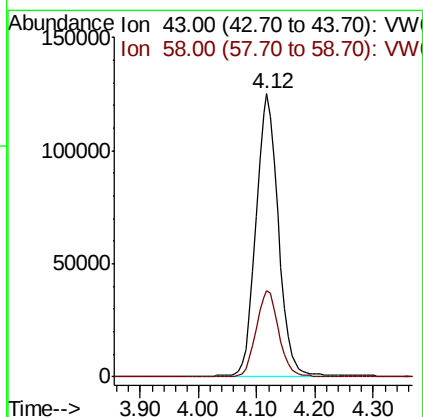
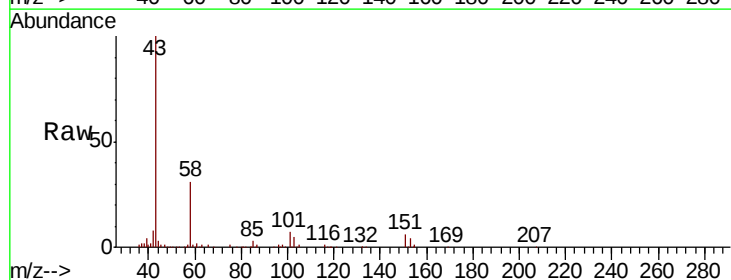
Acq: 29 Jul 2018 13:55

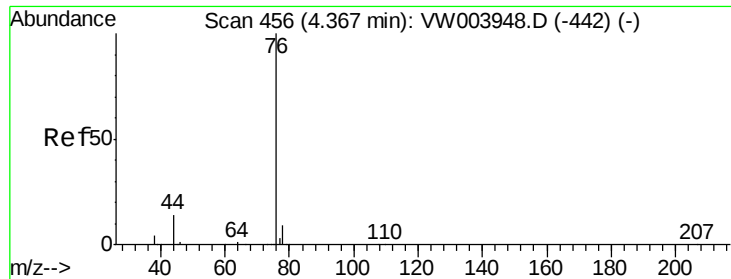
Tgt Ion: 43 Resp: 335981

Ion Ratio Lower Upper

43 100

58 30.5 24.8 37.2

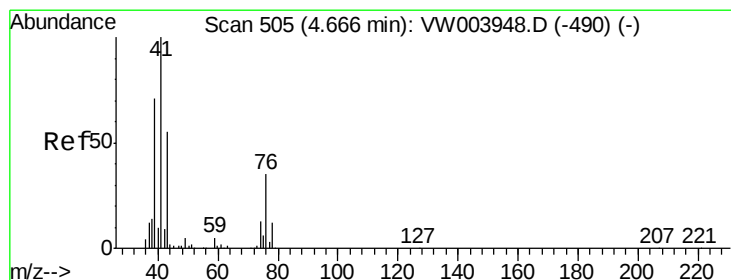
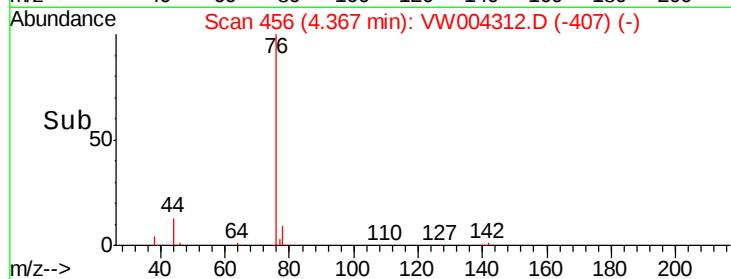
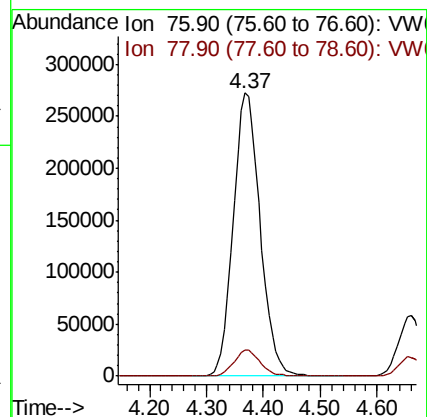
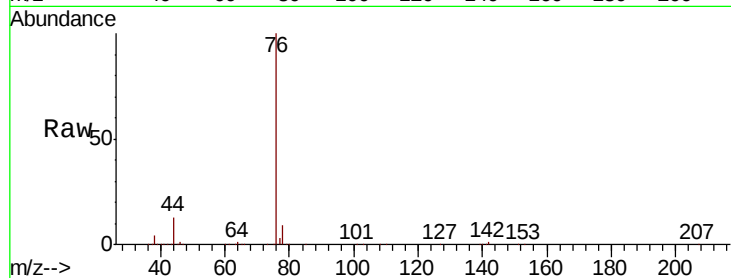




#17
Carbon Disulfide
Concen: 99.455 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

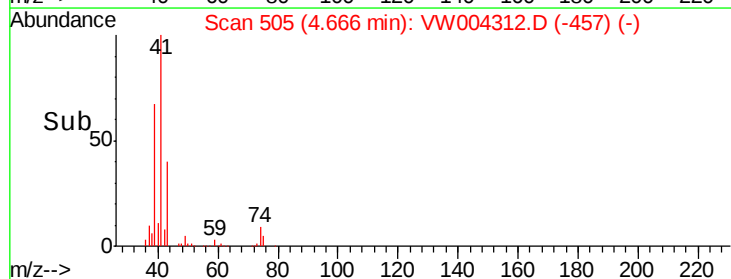
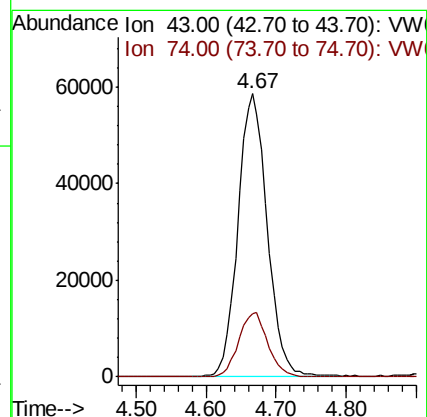
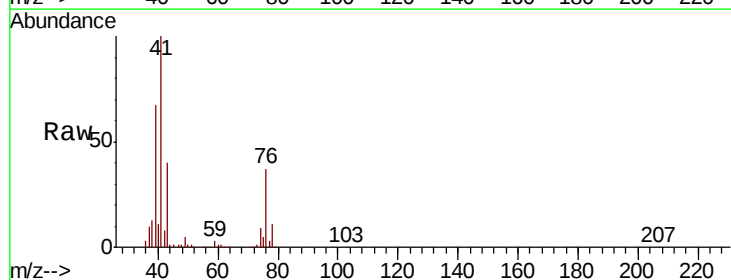
Instrument :
MSVOA_W
ClientSampleId :

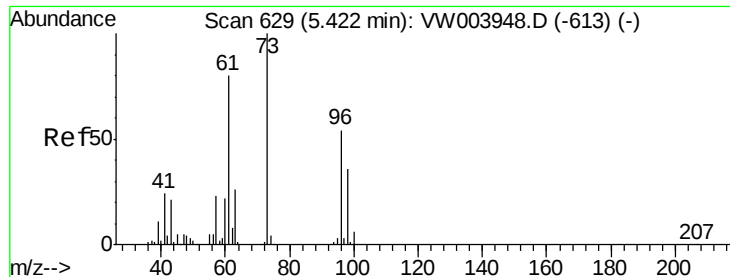
Tot Ion: 76 Resp: 899115
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 97.316 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 43 Resp: 169092
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.6

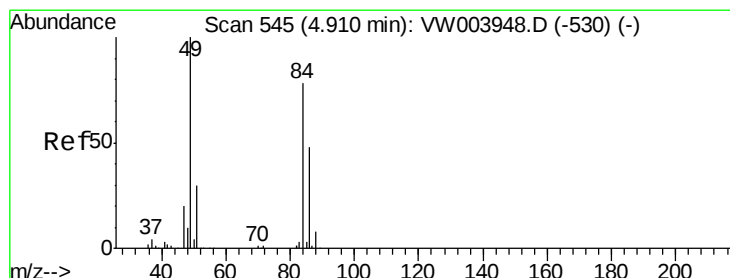
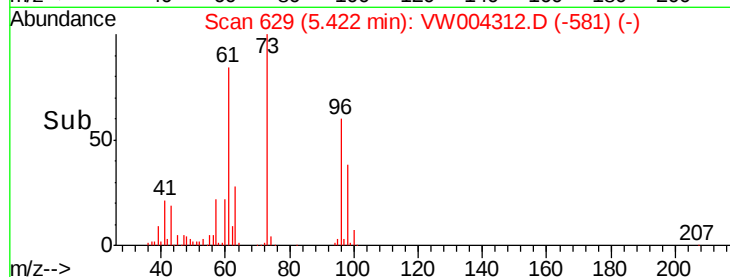
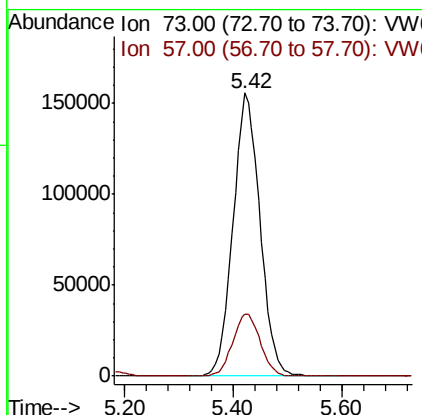
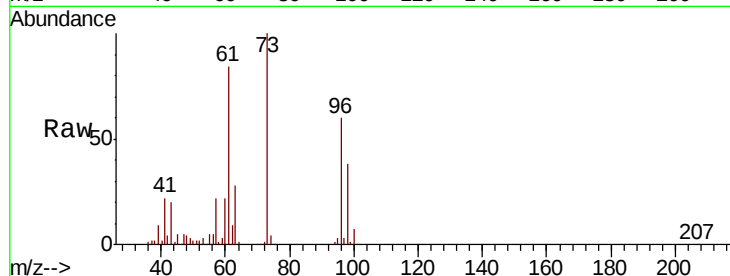




#19
Methyl tert-butyl Ether
Concen: 103.121 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

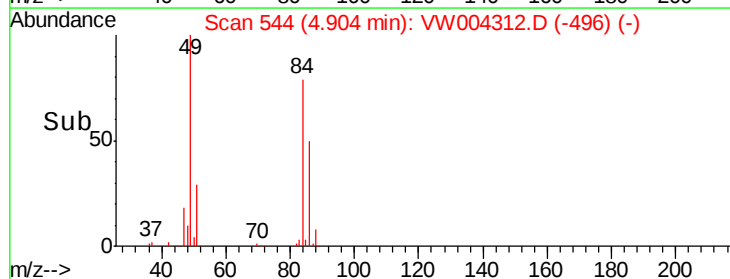
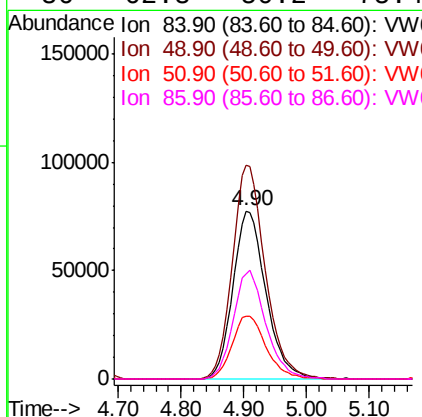
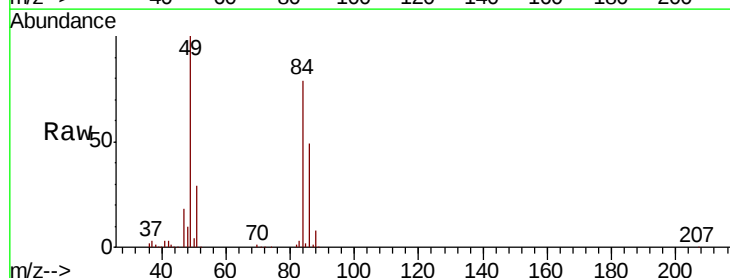
Instrument :
MSVOA_W
ClientSampleId :

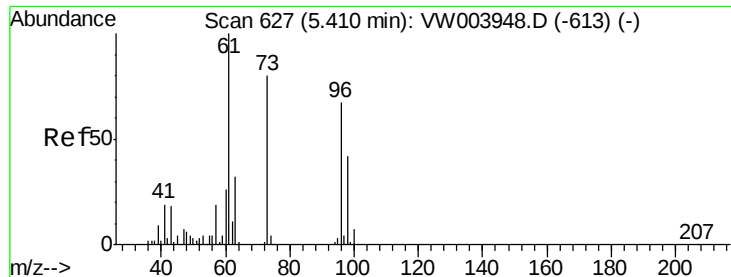
Tot Ion: 73 Resp: 536889
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6



#20
Methylene Chloride
Concen: 89.851 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 84 Resp: 282423
Ion Ratio Lower Upper
84 100
49 127.3 100.5 150.7
51 37.4 30.9 46.3
86 62.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 97.017 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampleId :

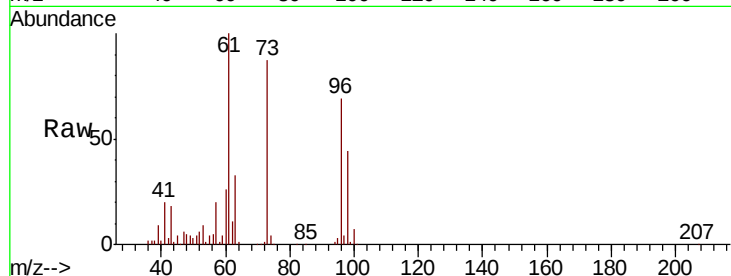
Tot Ion: 96 Resp: 302540

Ion Ratio Lower Upper

96 100

61 144.7 116.2 174.2

98 63.8 52.9 79.3

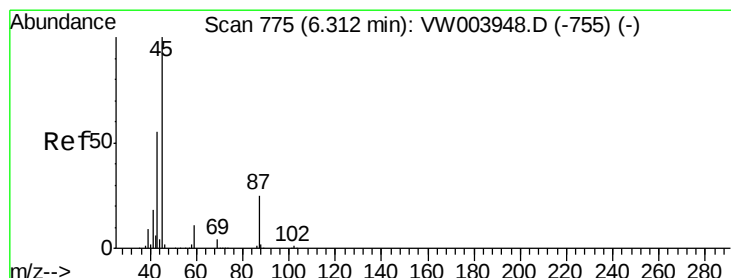
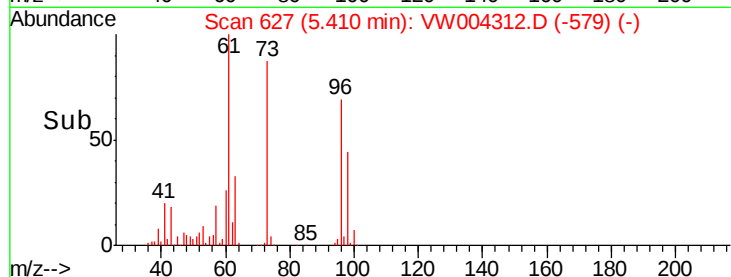
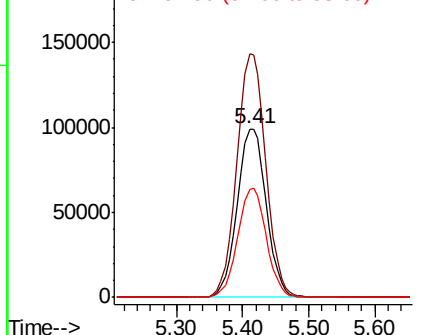


Abundance

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: 103.949 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Tgt Ion: 45 Resp: 919647

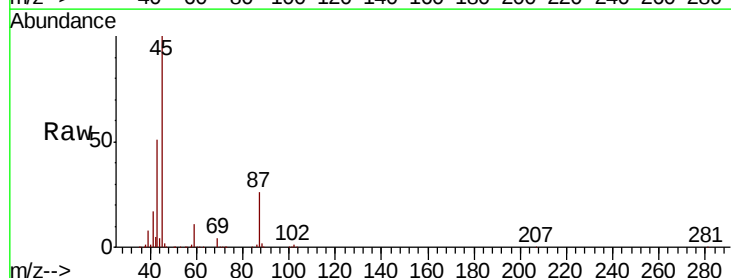
Ion Ratio Lower Upper

45 100

43 51.3 42.3 63.5

87 26.3 19.9 29.9

59 11.3 8.7 13.1



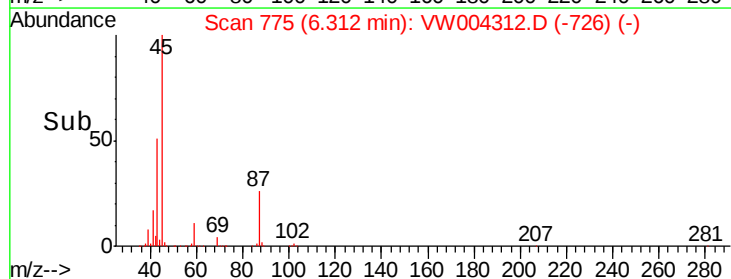
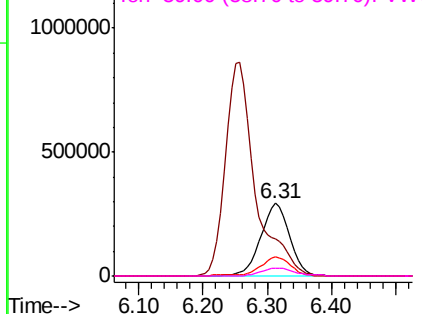
Abundance

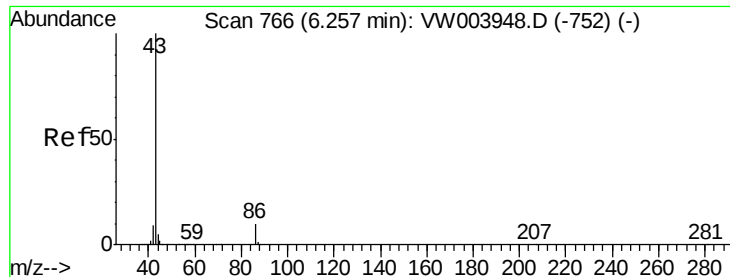
Ion 45.00 (44.70 to 45.70): VW

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

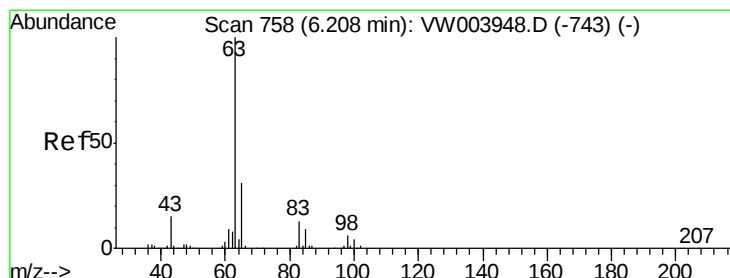
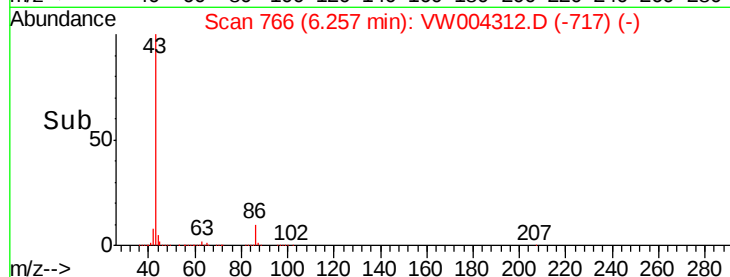
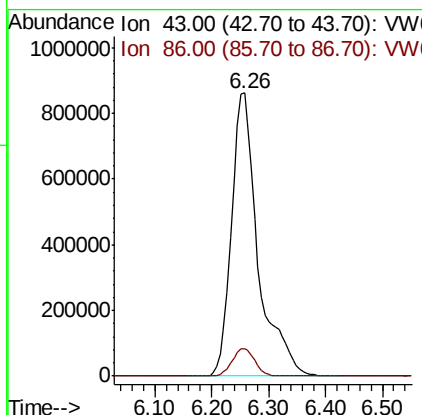
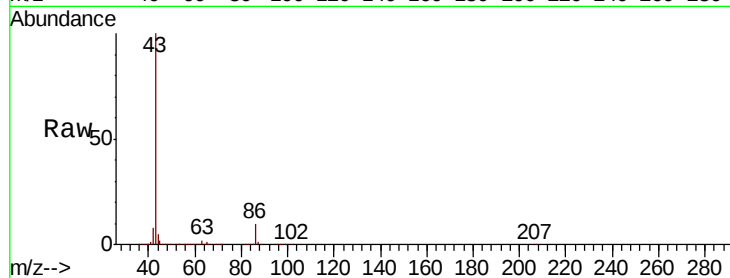




#23
 Vinyl Acetate
 Concen: 549.432 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

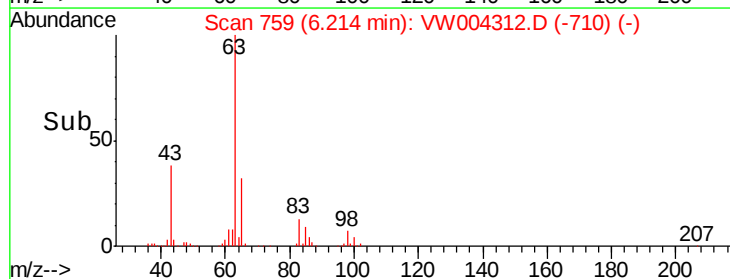
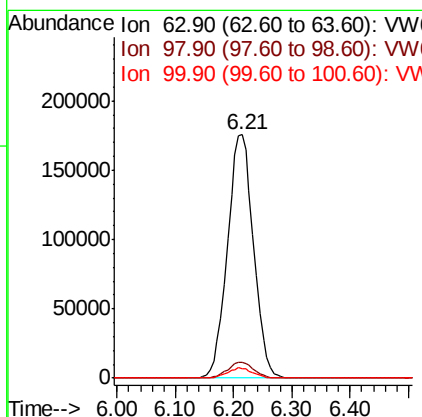
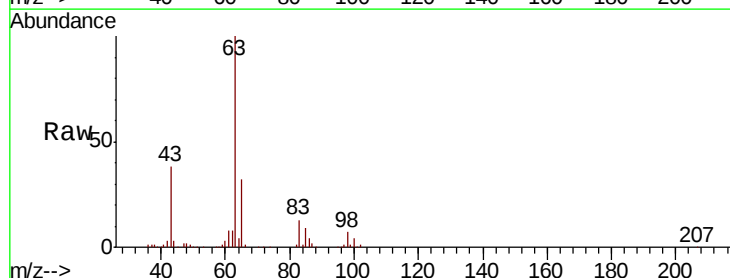
Instrument :
 MSVOA_W
 ClientSampleId :

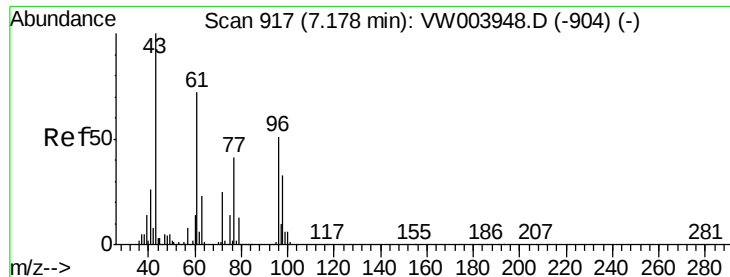
Tot Ion: 43 Resp: 2820099
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 95.485 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Tgt Ion: 63 Resp: 544043
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 4.0 2.3 6.9

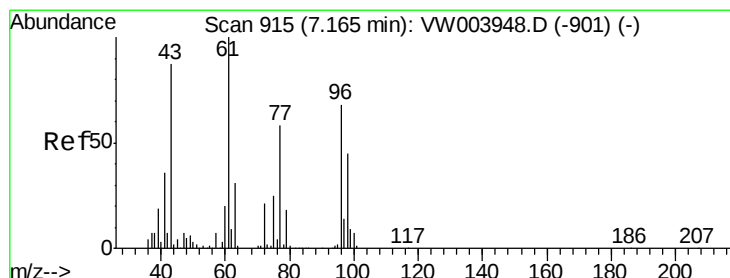
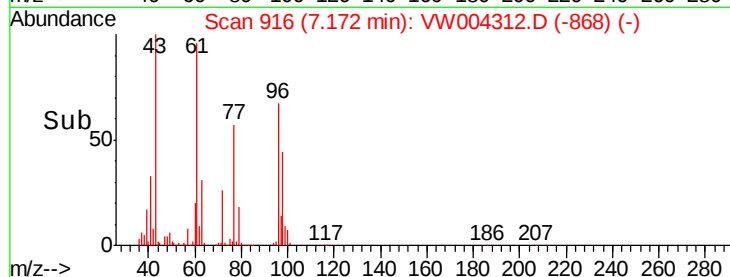
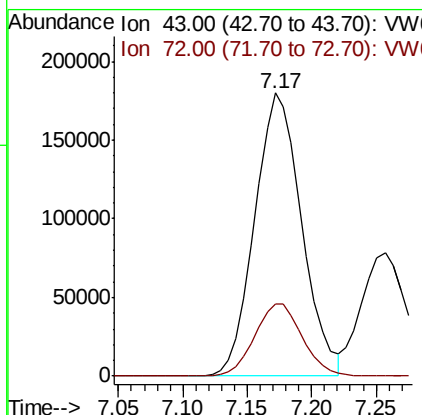
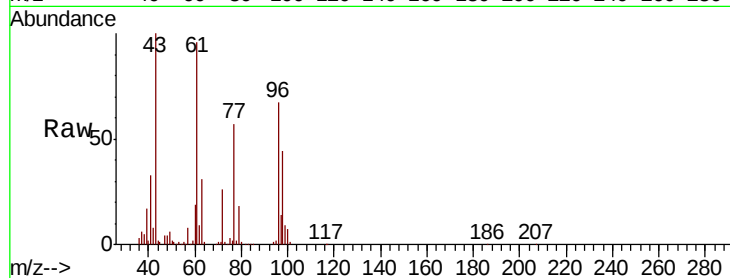




#25
2-Butanone
Concen: 556.095 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

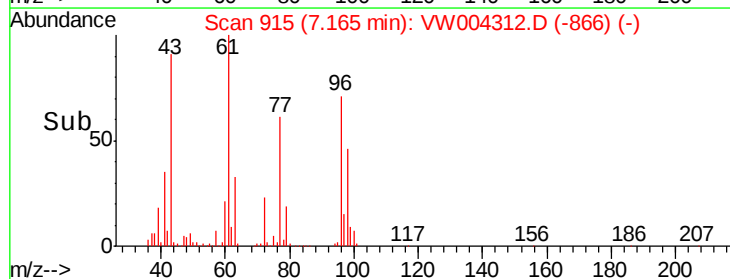
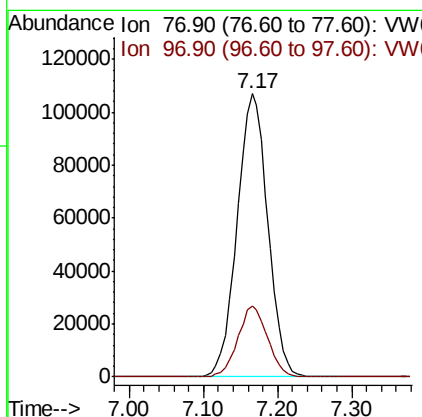
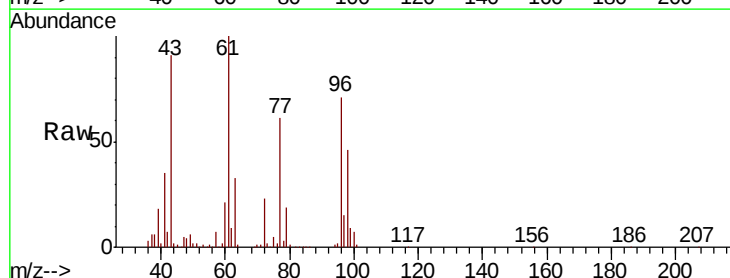
Instrument :
MSVOA_W
ClientSampled :

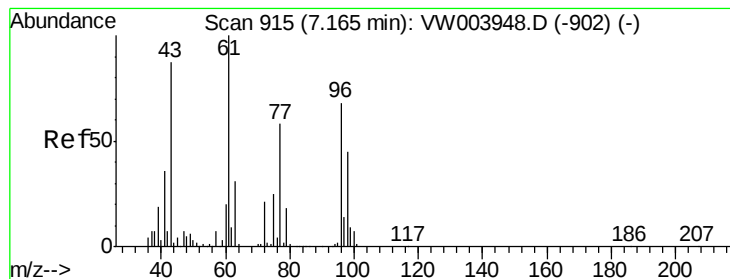
Tot Ion: 43 Resp: 455190
Ion Ratio Lower Upper
43 100
72 25.7 20.3 30.5



#26
2,2-Dichloropropane
Concen: 93.281 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 77 Resp: 308347
Ion Ratio Lower Upper
77 100
97 24.3 11.7 35.1



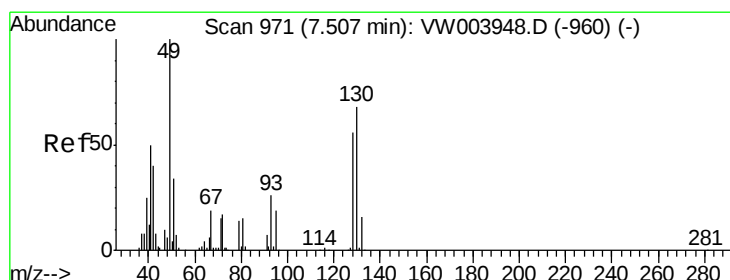
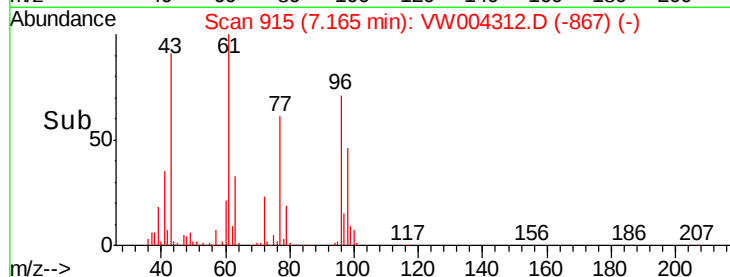
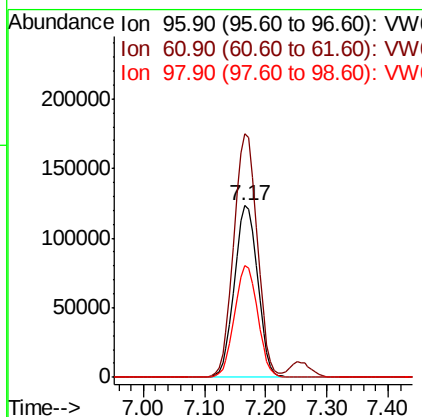
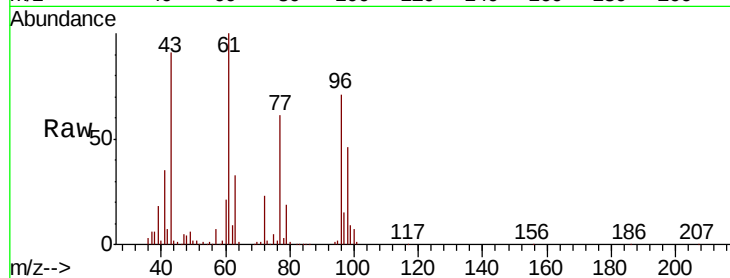


#27

cis-1,2-Dichloroethene
 Concen: 102.003 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Instrument :
 MSVOA_W
 ClientSampleId :

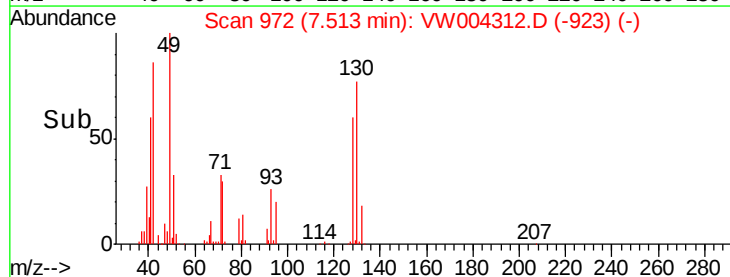
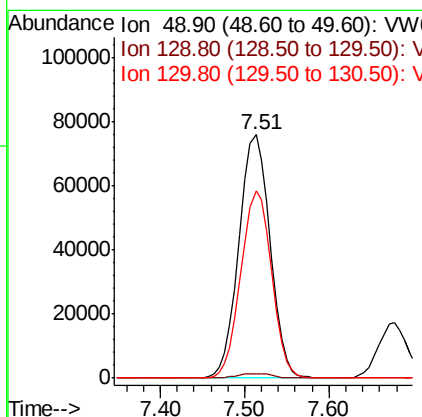
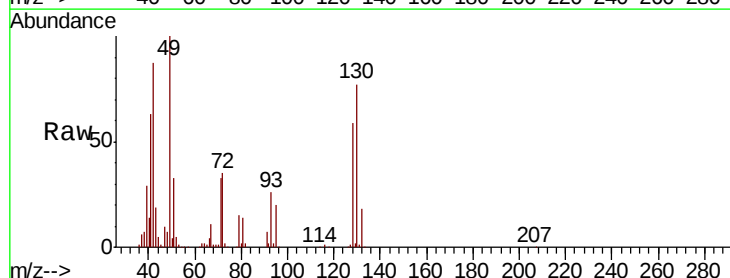
Tot Ion	96	Resp	323705
Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	292.0
98	64.5	0.0	129.6

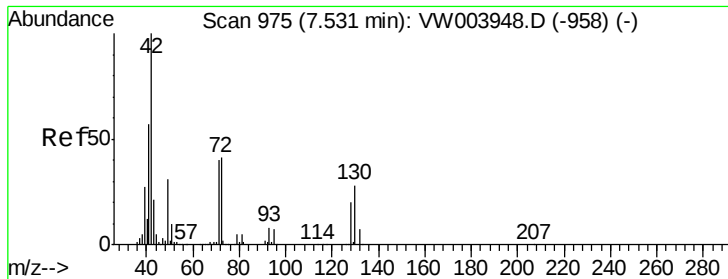


#28

Bromochloromethane
 Concen: 95.235 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Tgt Ion	49	Resp	190172
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	76.1	61.5	92.3

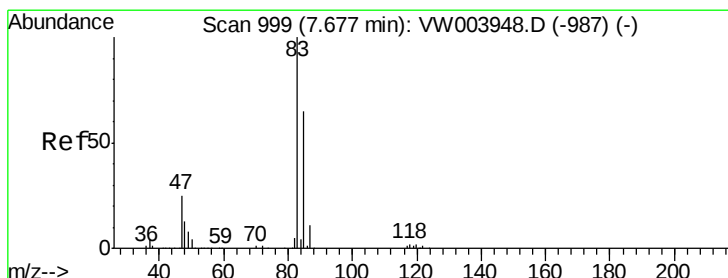
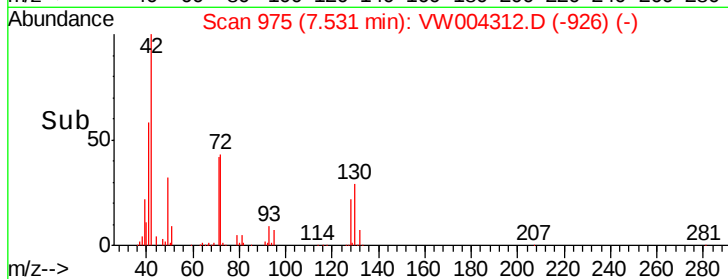
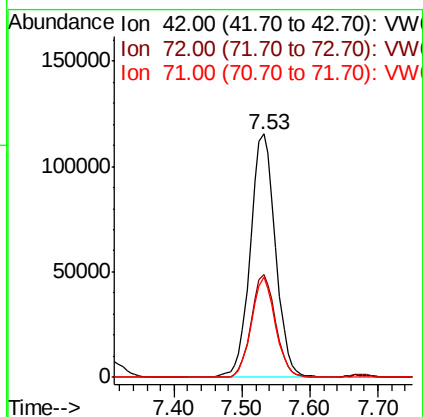
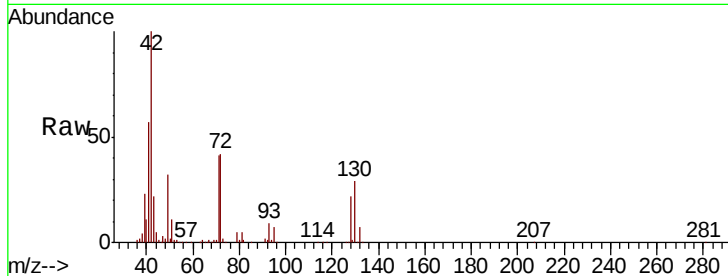




#29
Tetrahydrofuran
Concen: 567.261 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

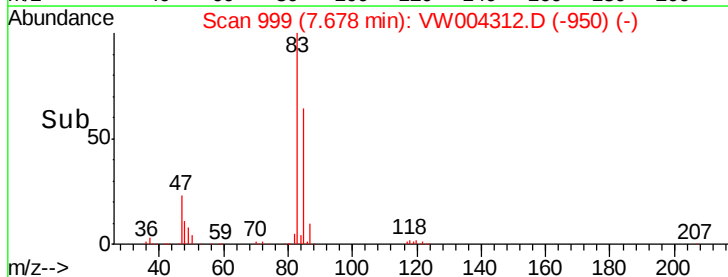
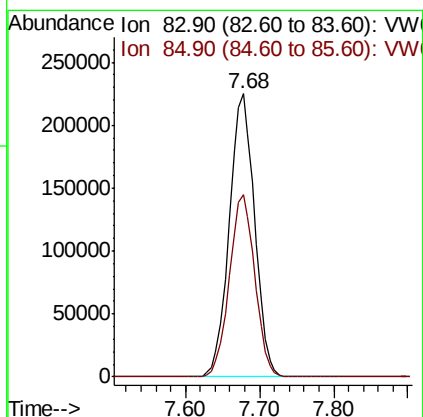
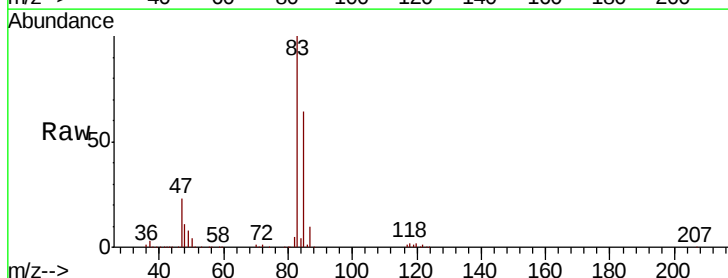
Instrument :
MSVOA_W
ClientSampled :

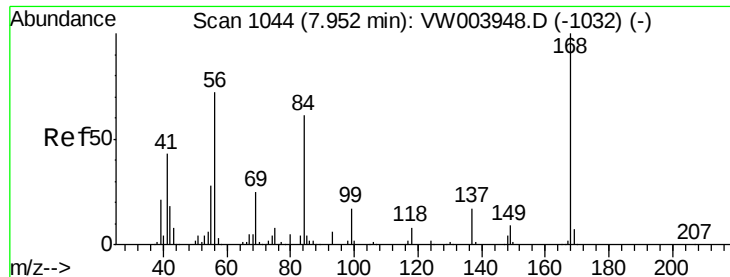
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.6	48.8
71	39.1	31.3	46.9



#30
Chloroform
Concen: 98.254 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3

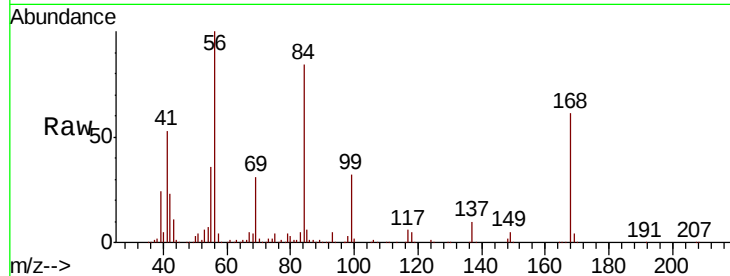




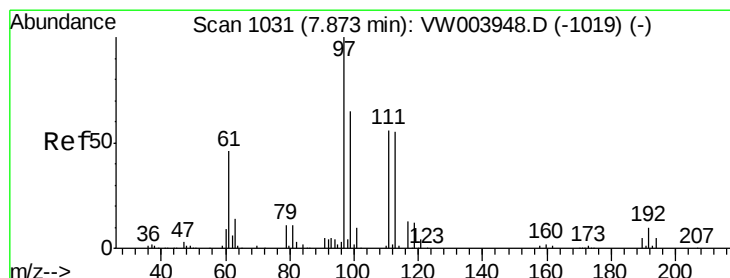
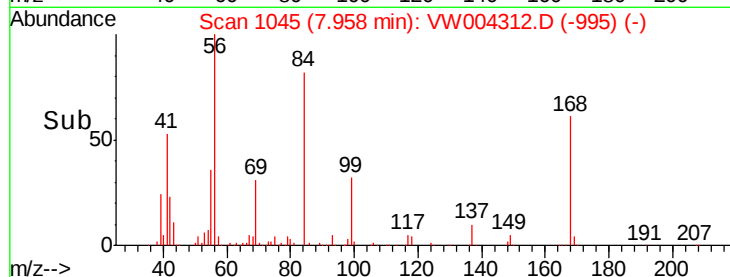
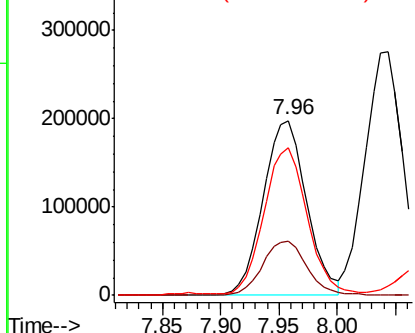
#31
Cyclohexane
Concen: 101.684 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 511608
Ion Ratio Lower Upper
56 100
69 30.9 26.3 39.5
84 82.8 66.2 99.4

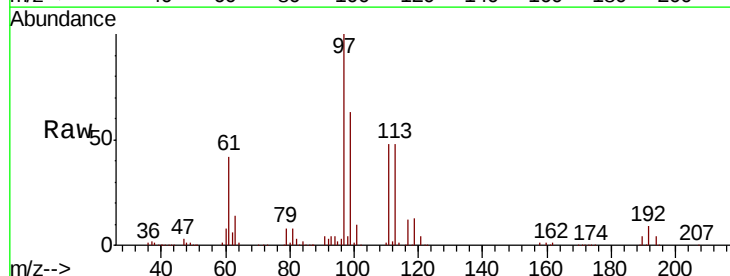


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

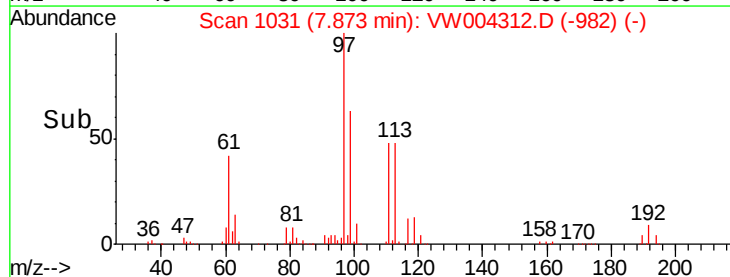
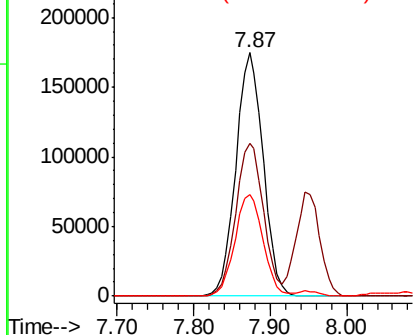


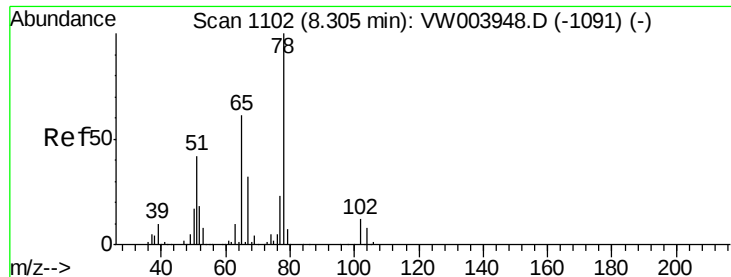
#32
1,1,1-Trichloroethane
Concen: 96.434 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 97 Resp: 431026
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 43.1 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

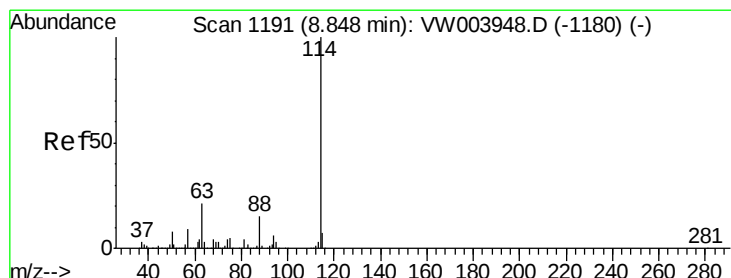
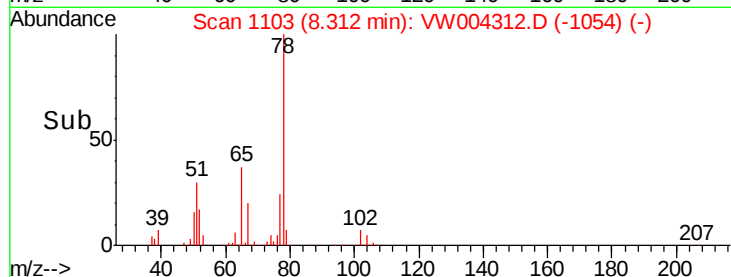
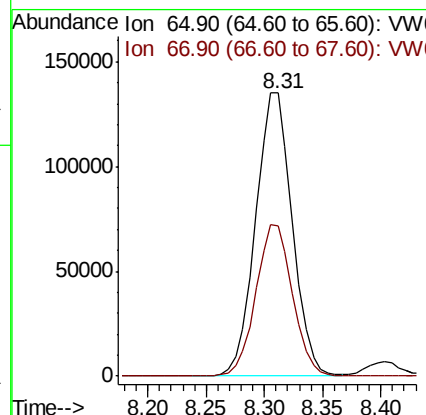
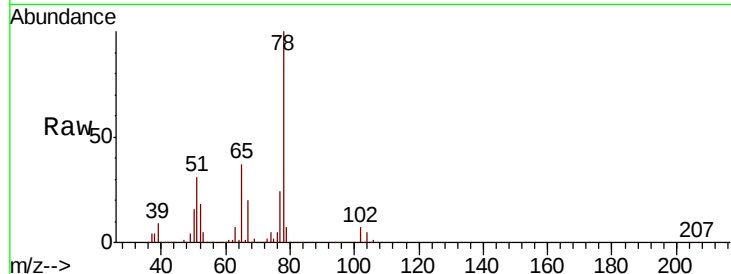




#33
 1,2-Dichloroethane-d4
 Concen: 100.526 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

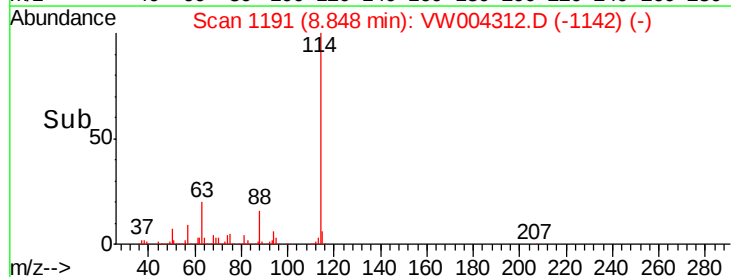
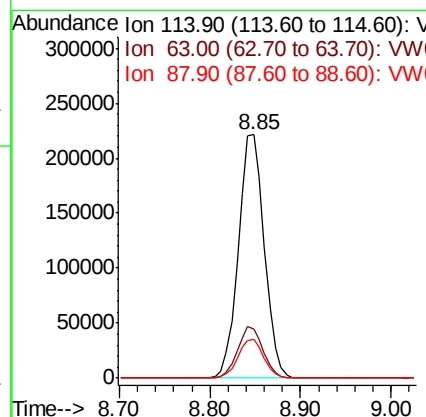
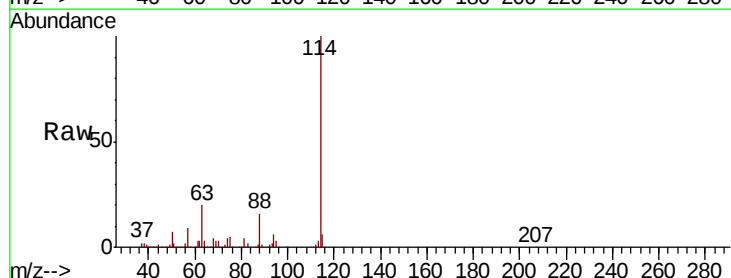
Instrument :
 MSVOA_W
 ClientSampleId :

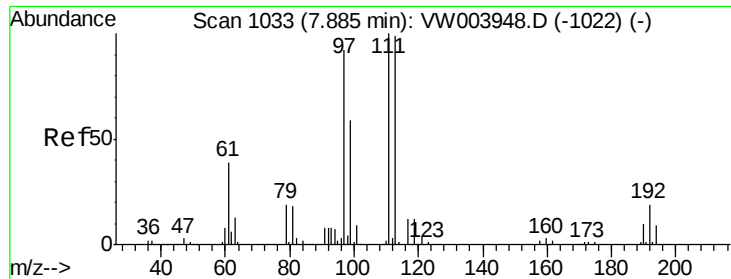
Tot Ion: 65 Resp: 296278
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Tgt Ion: 114 Resp: 440252
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 16.1 0.0 30.6

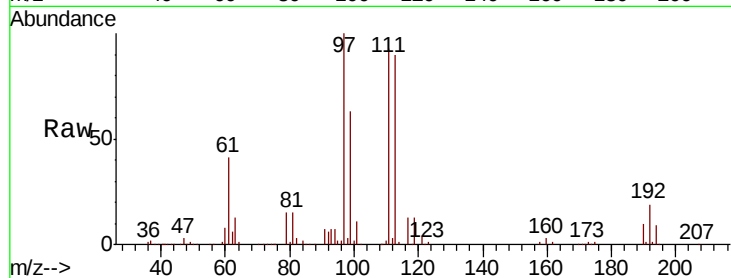




#35
 Dibromofluoromethane
 Concen: 99.814 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	20.7	16.2	24.4

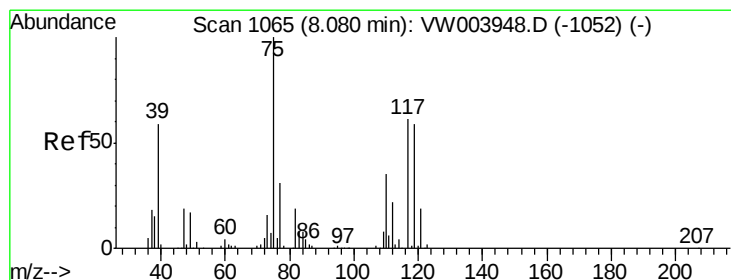
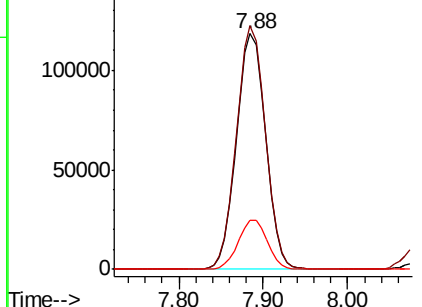
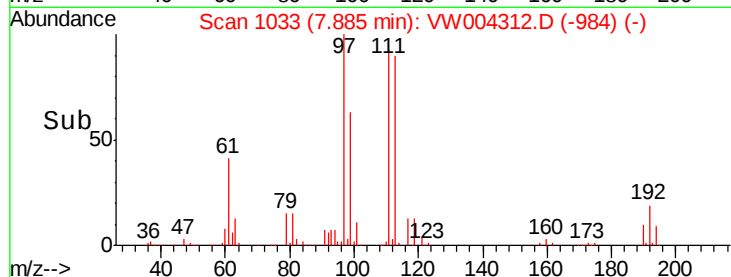


Abundance

Ion 112.80 (112.50 to 113.50): V

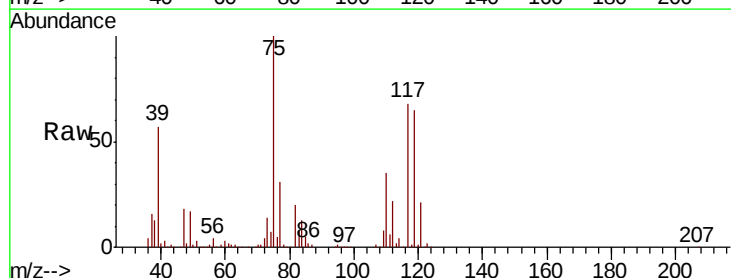
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 100.964 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.3	52.0
77	31.0	25.0	37.6

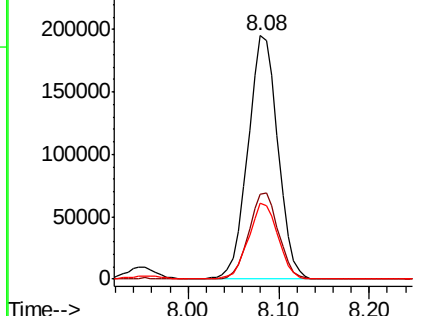
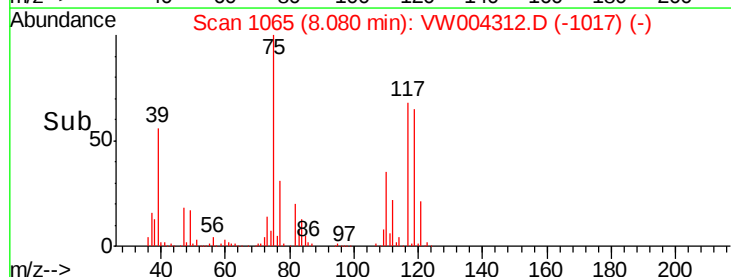


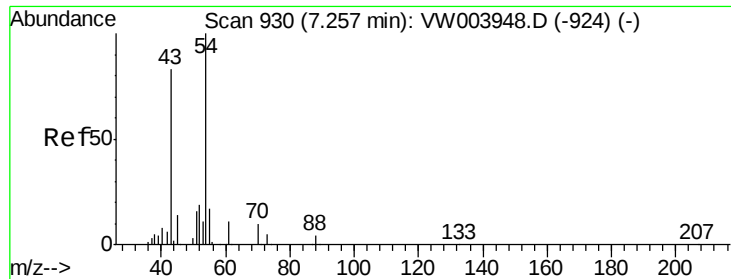
Abundance

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

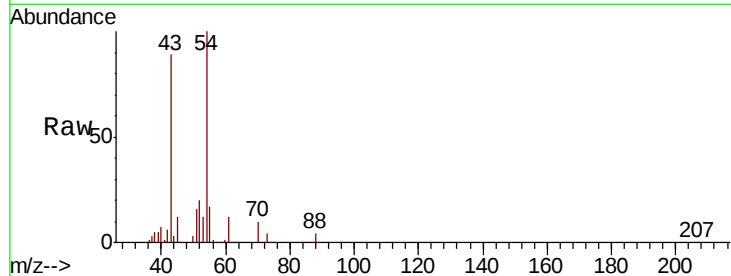




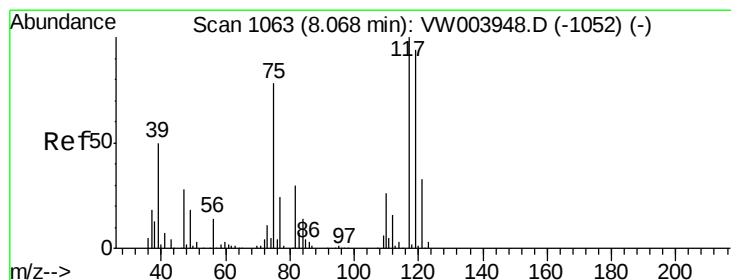
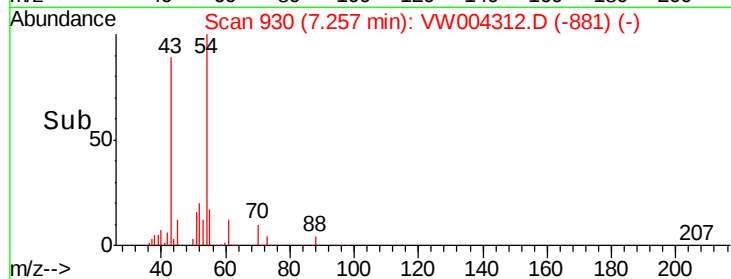
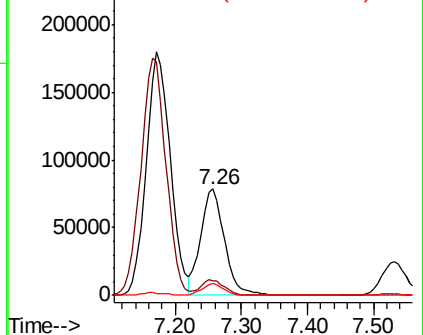
#37
Ethyl Acetate
Concen: 109.050 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 196811
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 10.2 7.8 11.6

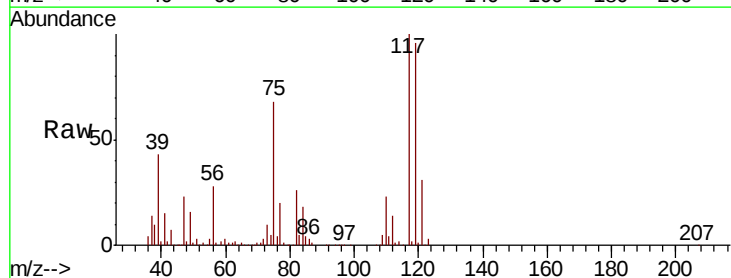


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

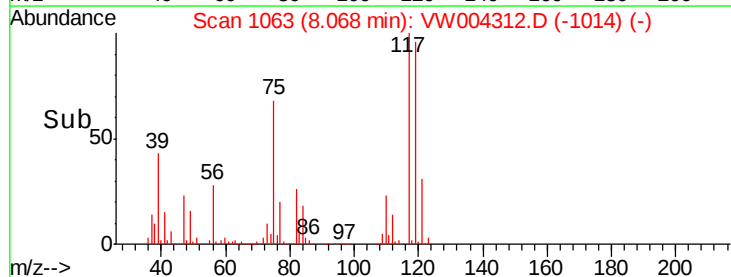
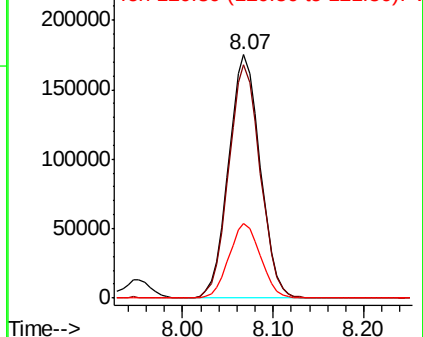


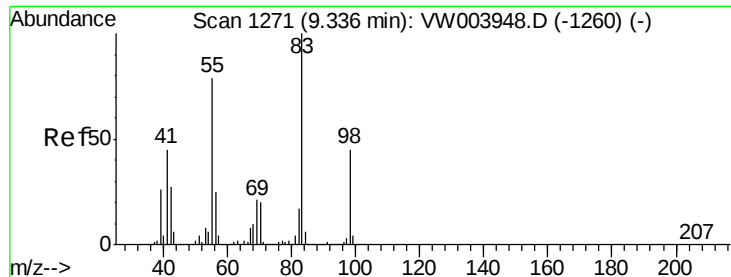
#38
Carbon Tetrachloride
Concen: 97.358 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 117 Resp: 423399
Ion Ratio Lower Upper
117 100
119 95.7 79.7 119.5
121 30.9 25.7 38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

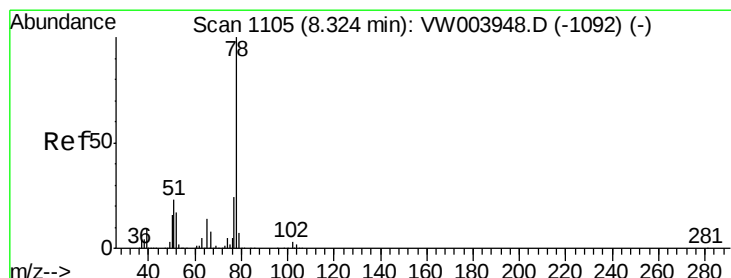
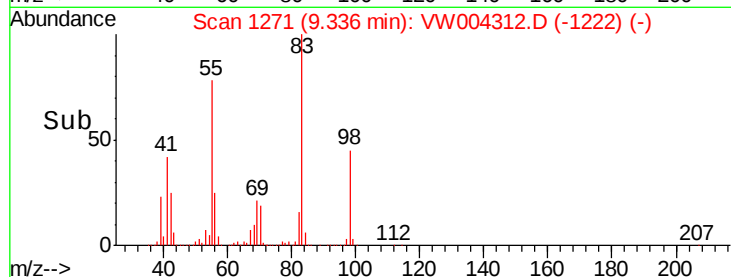
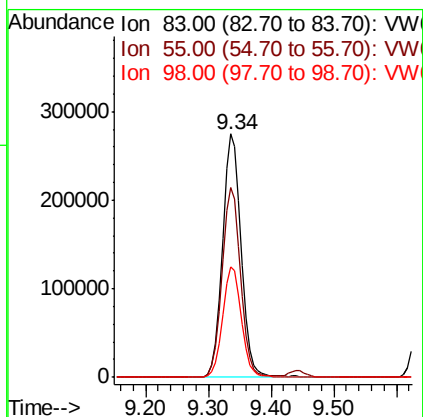
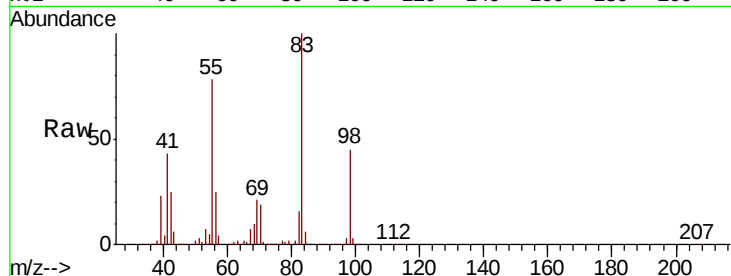




#39
Methvlcvclohexane
Concen: 106.248 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

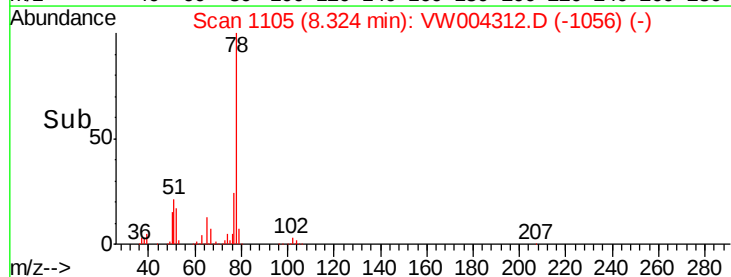
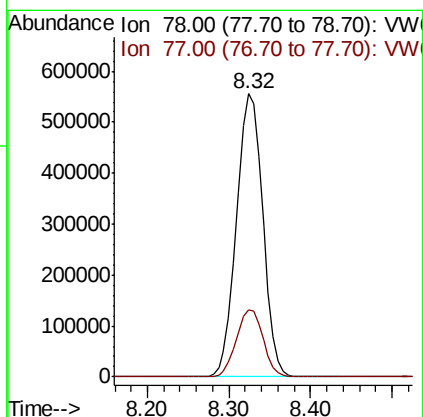
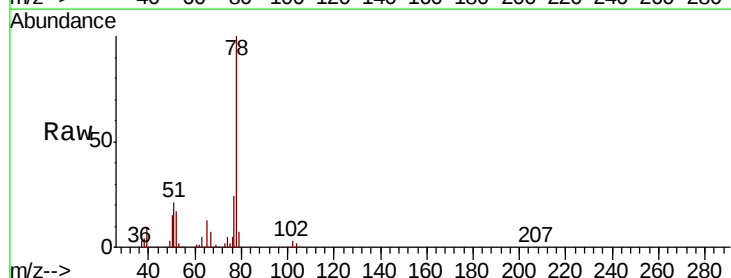
Instrument :
MSVOA_W
ClientSampleId :

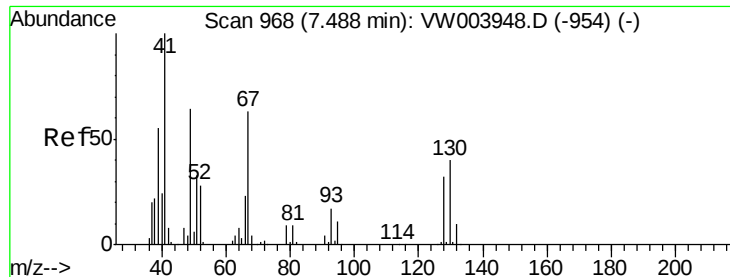
Tot Ion: 83 Resp: 563871
Ion Ratio Lower Upper
83 100
55 78.2 64.3 96.5
98 45.5 36.3 54.5



#40
Benzene
Concen: 99.945 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 78 Resp: 1238292
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

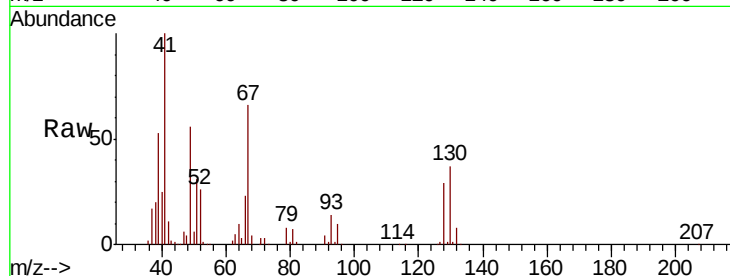




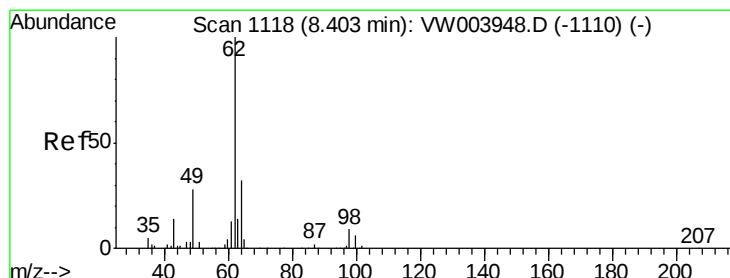
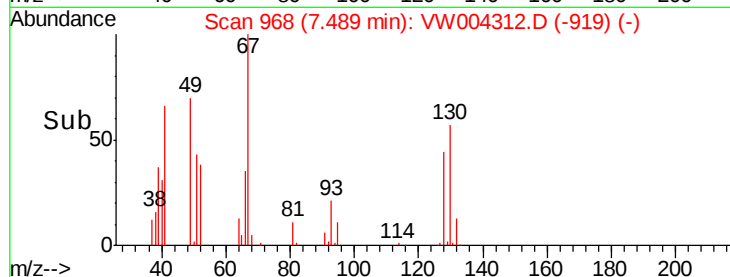
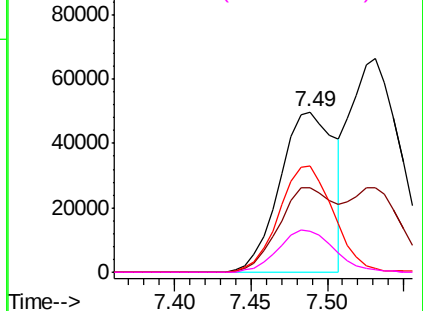
#41
Methacrylonitrile
Concen: 119.699 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	124737
Ion	Ratio	Lower	Upper
41	100		
39	53.3	41.2	61.8
67	65.6	53.4	80.0
52	26.8	22.4	33.6

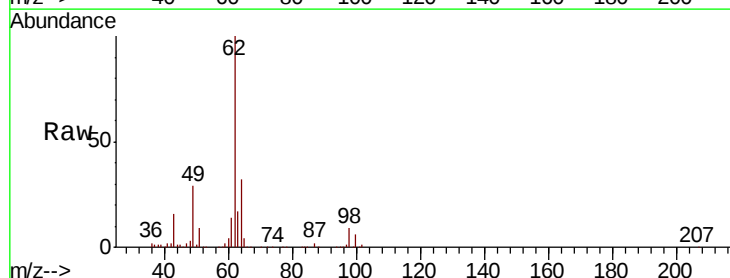


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

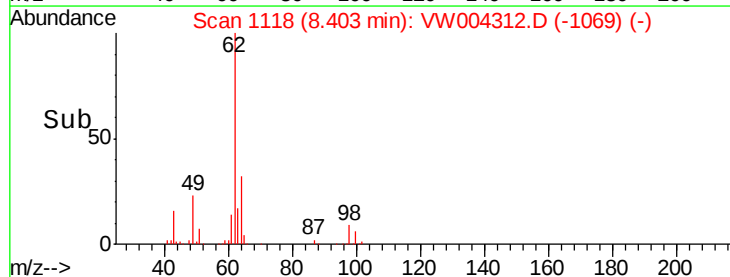
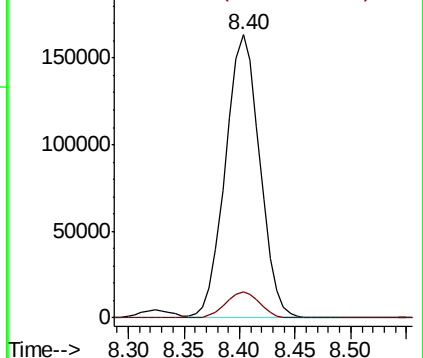


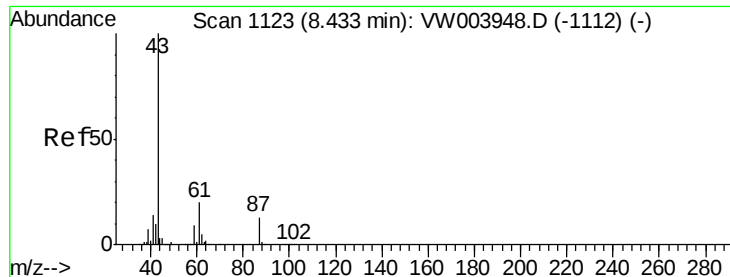
#42
1,2-Dichloroethane
Concen: 98.414 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion:	62	Resp:	348598
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 115.790 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampled :

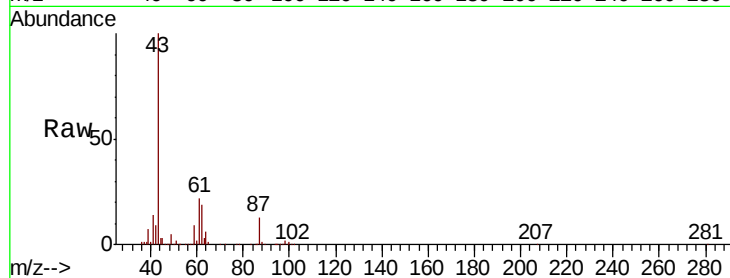
Tot Ion: 43 Resp: 376633

Ion Ratio Lower Upper

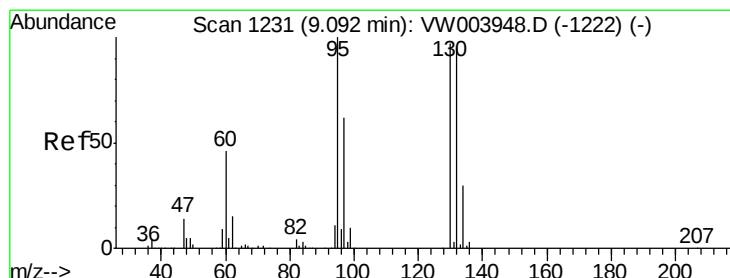
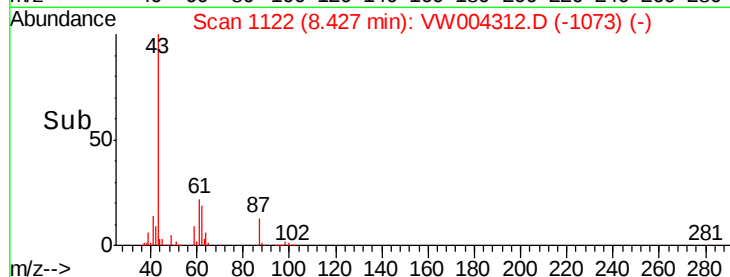
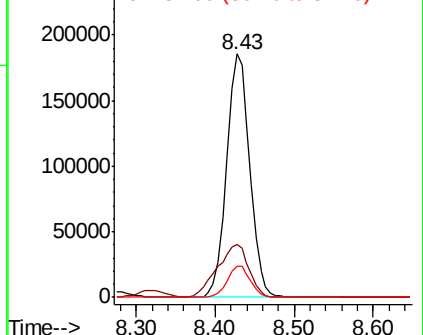
43 100

61 29.7 24.5 36.7

87 12.9 10.4 15.6



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



#44

Trichloroethene

Concen: 97.656 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004312.D

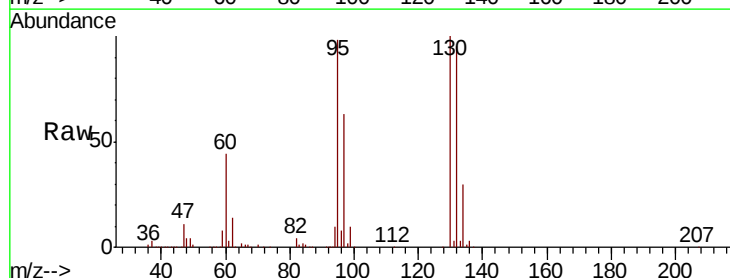
Acq: 29 Jul 2018 13:55

Tgt Ion: 130 Resp: 326655

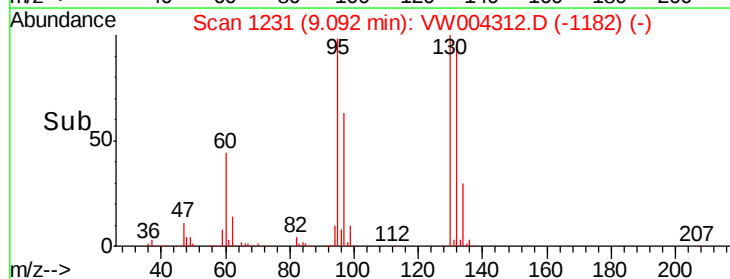
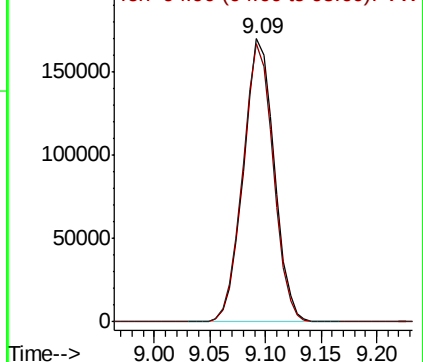
Ion Ratio Lower Upper

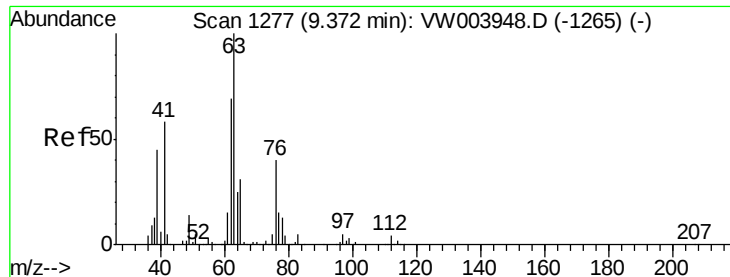
130 100

95 98.3 0.0 199.4



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





#45

1,2-Dichloropropane

Concen: 102.375 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

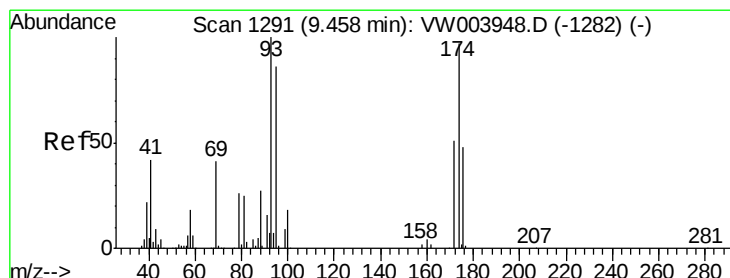
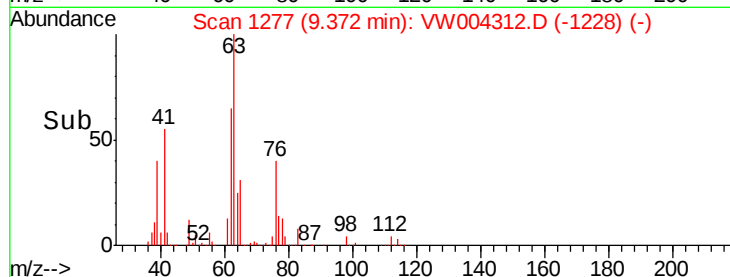
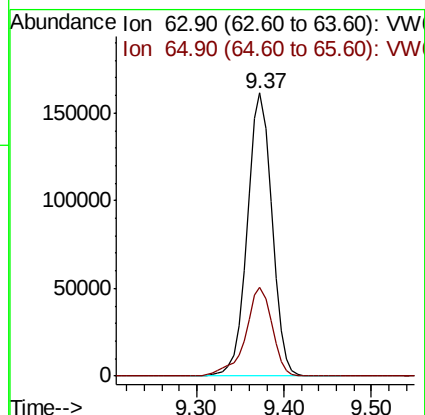
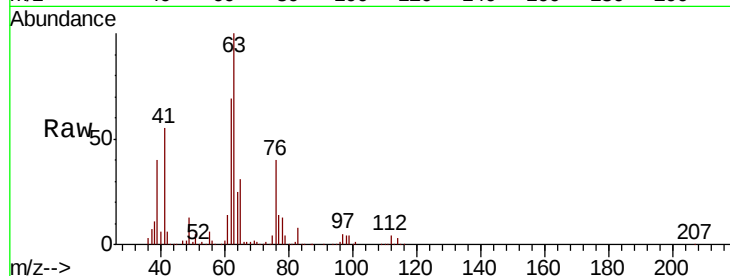
ClientSampled :

Tot Ion: 63 Resp: 314752

Ion Ratio Lower Upper

63 100

65 31.2 23.9 35.9



#46

Dibromomethane

Concen: 100.103 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

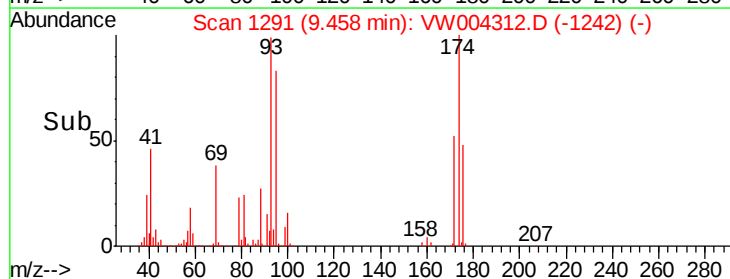
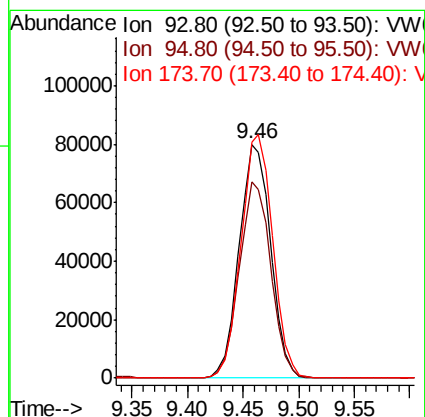
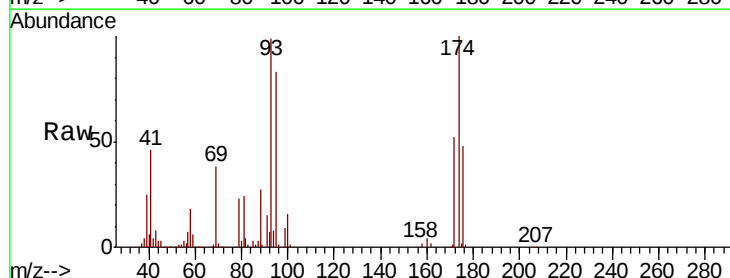
Tgt Ion: 93 Resp: 157154

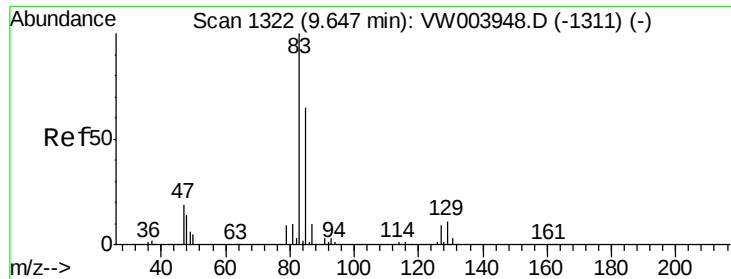
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.8

174 104.9 83.7 125.5





#47

Bromodichloromethane

Concen: 99.129 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampled :

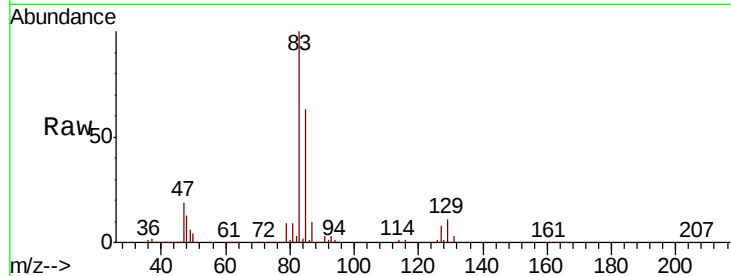
Tot Ion: 83 Resp: 394731

Ion Ratio Lower Upper

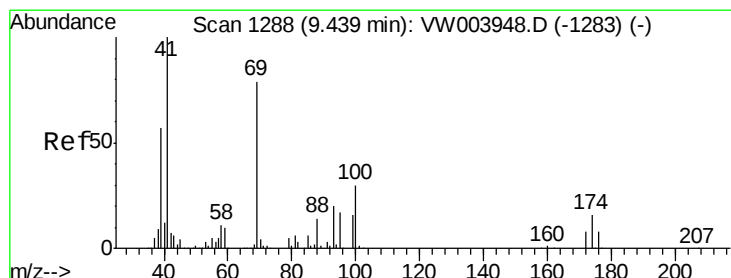
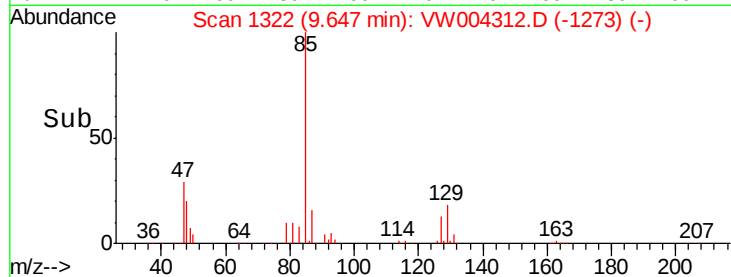
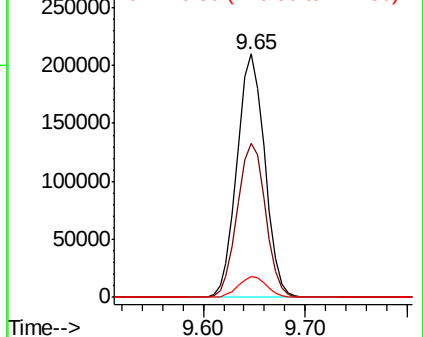
83 100

85 63.5 51.3 76.9

127 8.5 6.6 9.8



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



#48

Methyl methacrylate

Concen: 113.386 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

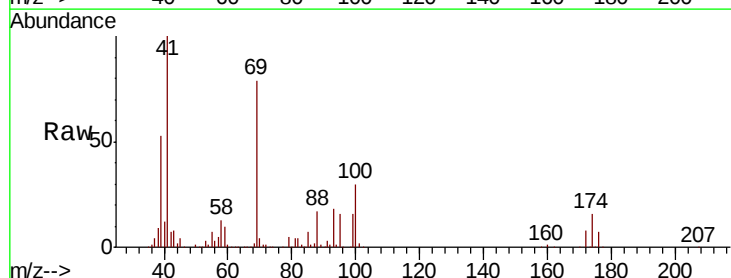
Tgt Ion: 41 Resp: 187837

Ion Ratio Lower Upper

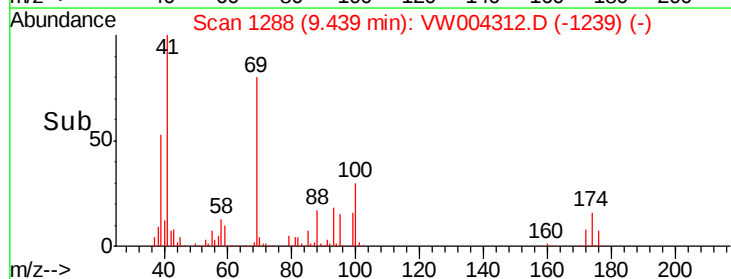
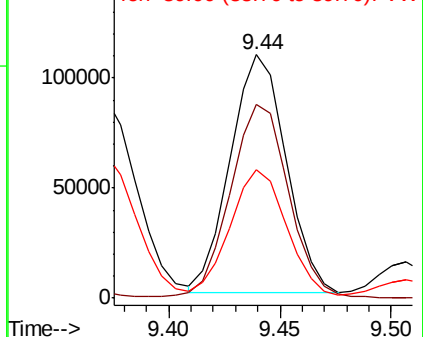
41 100

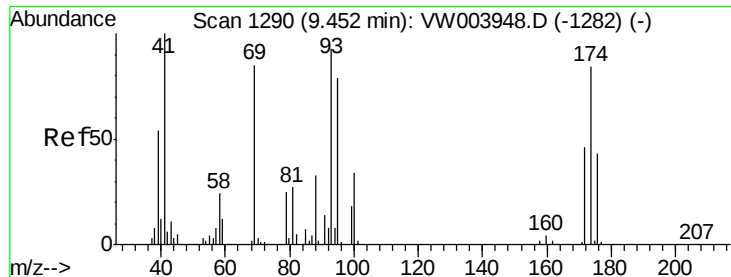
69 85.8 69.7 104.5

39 52.8 41.8 62.8



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

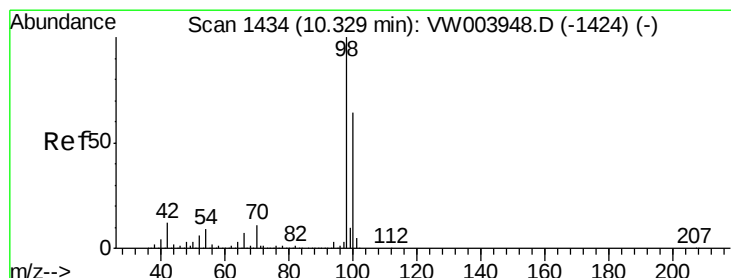
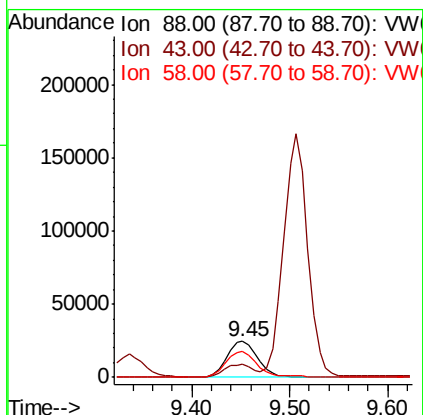
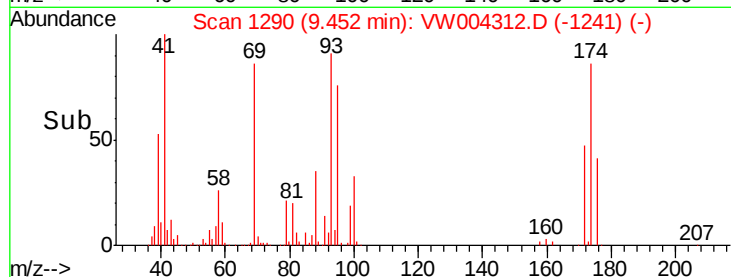
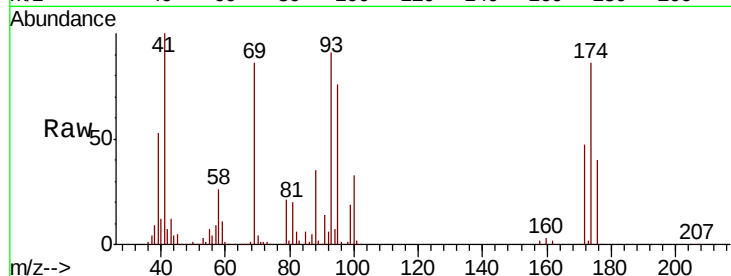




#49
1,4-Dioxane
Concen: 2283.209 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

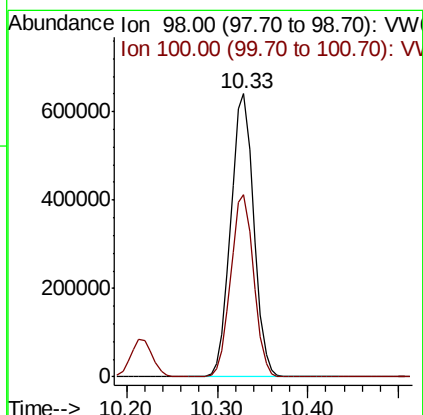
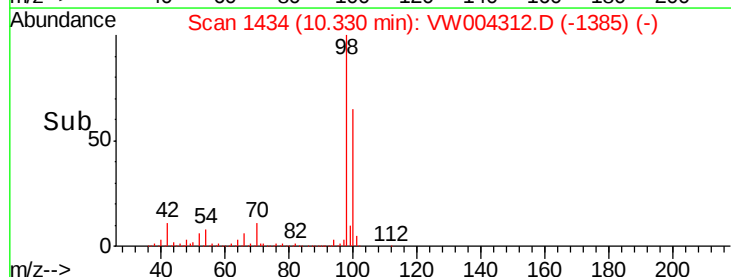
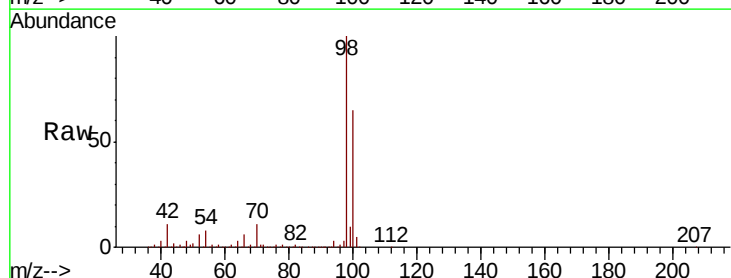
Instrument :
MSVOA_W
ClientSampleId :

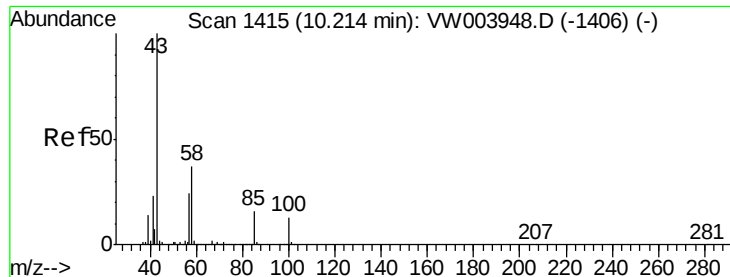
Tot Ion: 88 Resp: 54339
Ion Ratio Lower Upper
88 100
43 32.7 28.3 42.5
58 73.2 60.2 90.4



#50
Toluene-d8
Concen: 102.247 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 98 Resp: 1124261
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 559.276 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

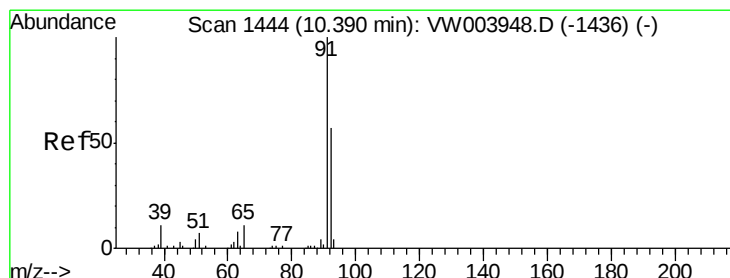
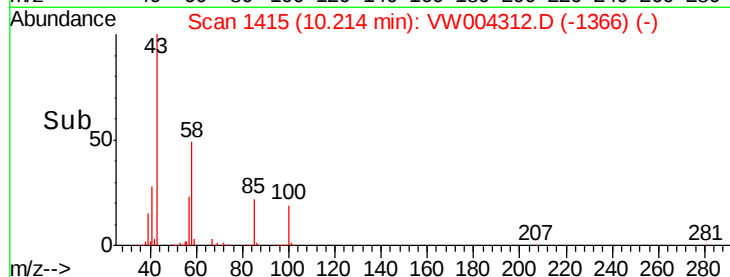
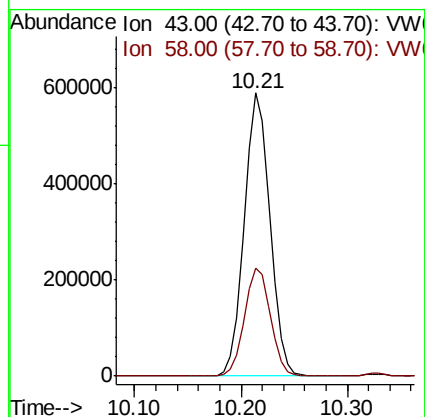
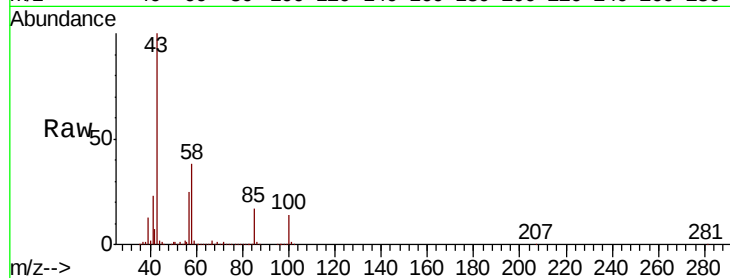
ClientSampled :

Tot Ion: 43 Resp: 998409

Ion Ratio Lower Upper

43 100

58 38.6 30.6 45.8



#52

Toluene

Concen: 100.756 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004312.D

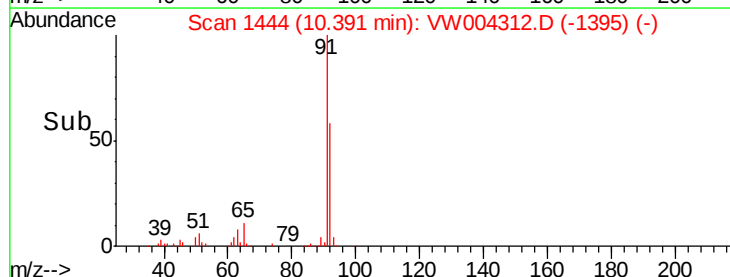
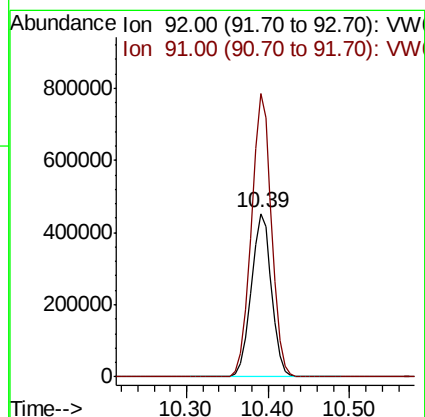
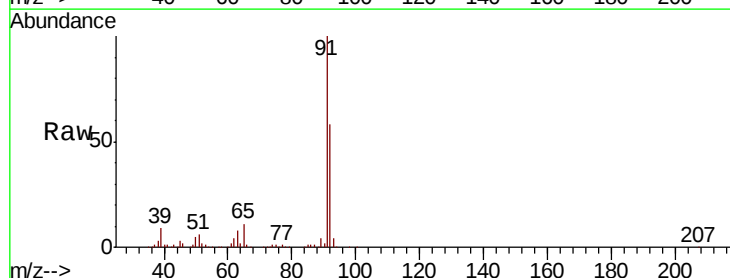
Acq: 29 Jul 2018 13:55

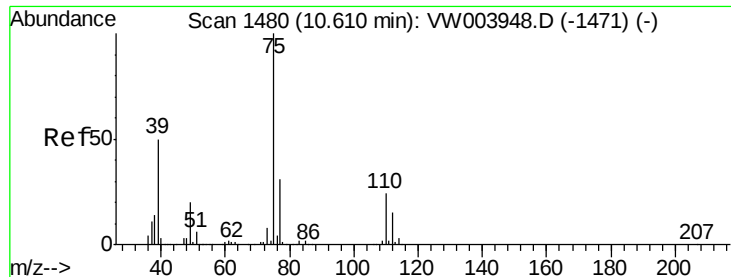
Tgt Ion: 92 Resp: 783771

Ion Ratio Lower Upper

92 100

91 172.3 139.0 208.4

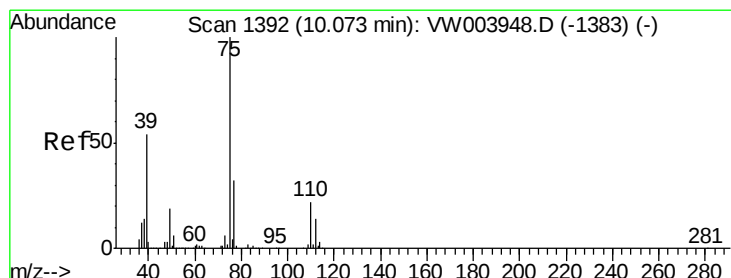
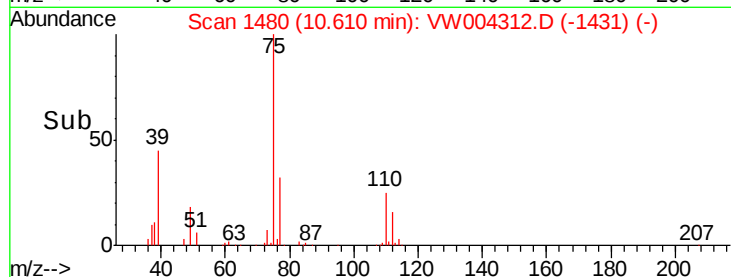
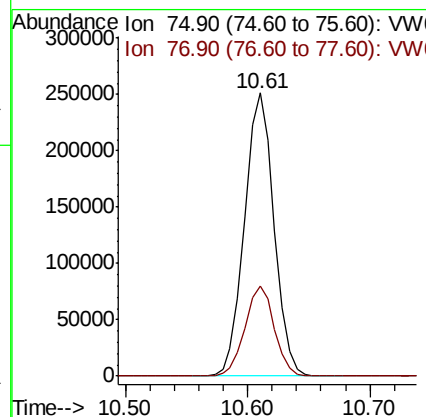
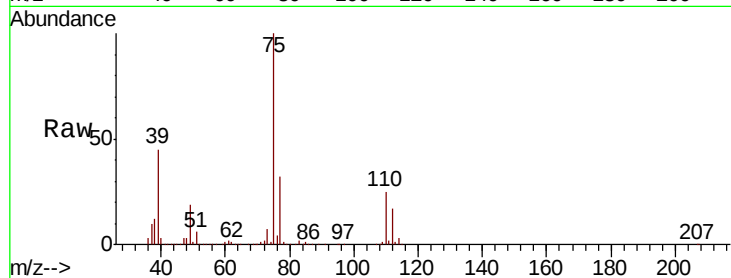




#53
t-1,3-Dichloropropene
Concen: 104.998 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

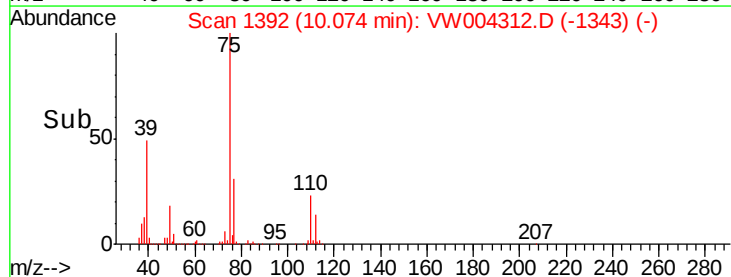
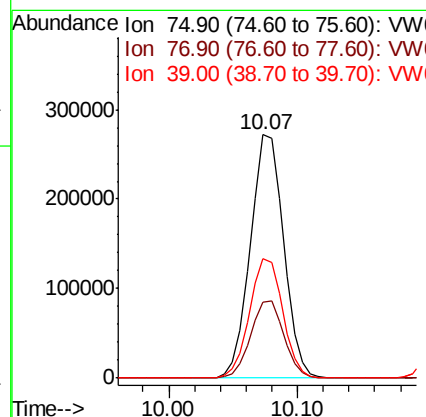
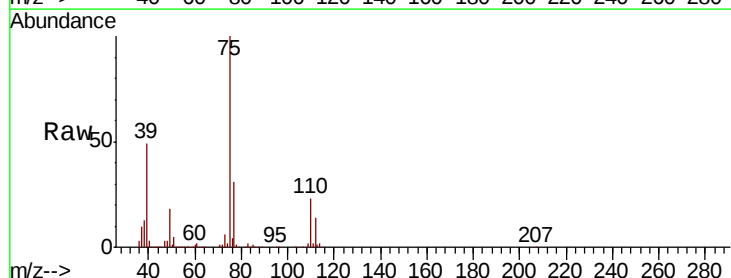
Instrument :
MSVOA_W
ClientSampled :

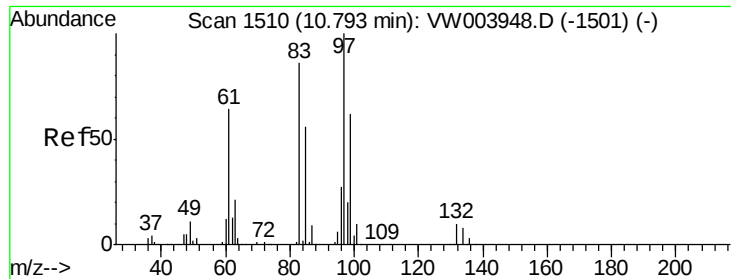
Tot Ion: 75 Resp: 418757
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 104.345 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 75 Resp: 485153
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4
39 49.0 39.0 58.6

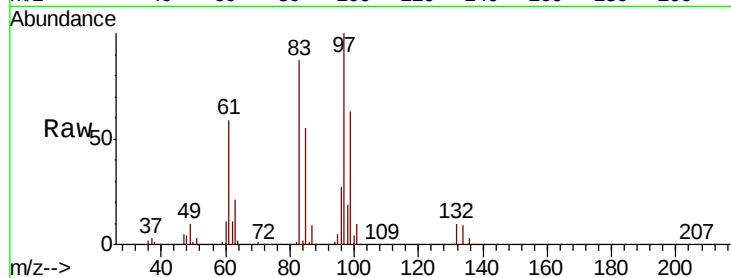




#55
 1,1,2-Trichloroethane
 Concen: 99.961 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	223597
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.8	106.2
85	55.4	43.7	65.5
99	62.6	45.1	67.7



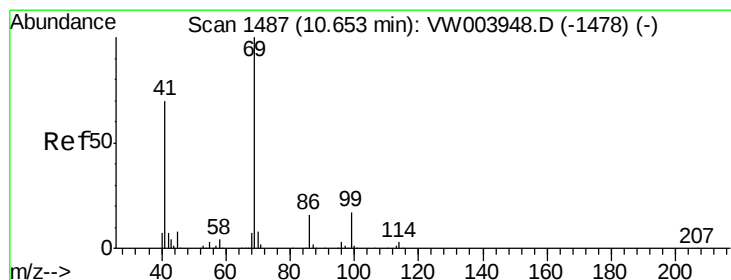
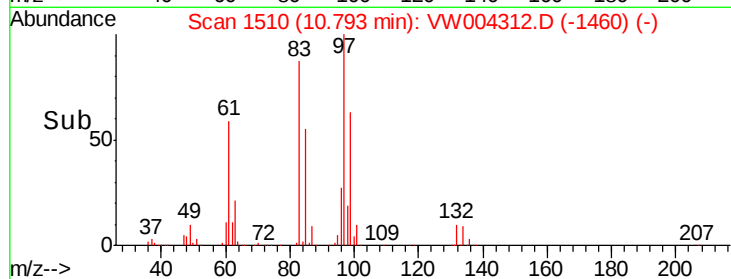
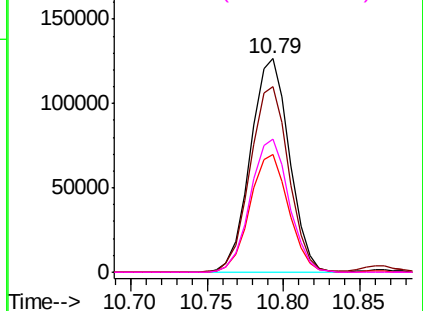
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

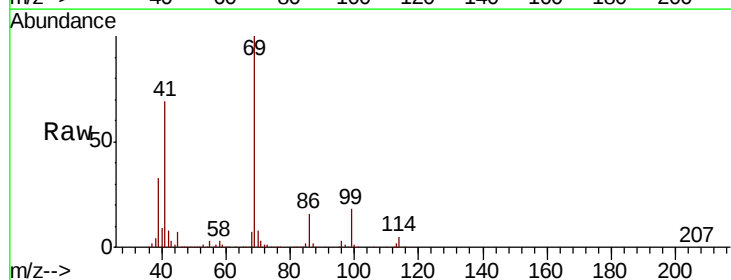
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 113.112 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Tgt Ion:	69	Resp:	306178
Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.7	82.1
39	31.1	24.4	36.6

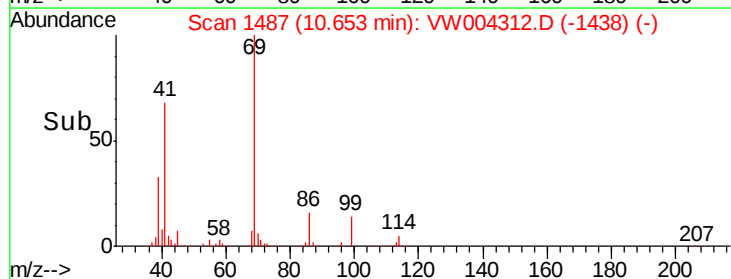
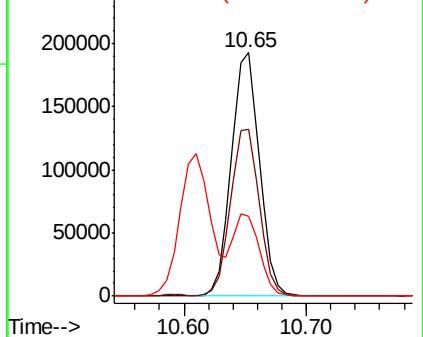


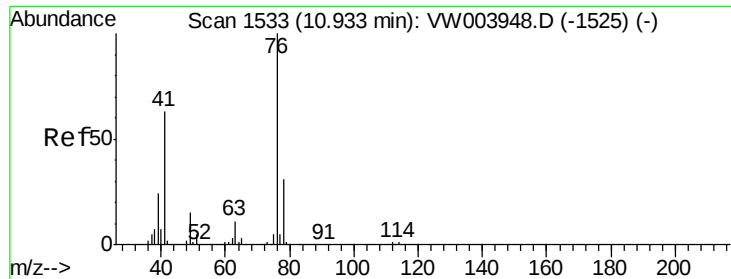
Abundance

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: 102.288 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

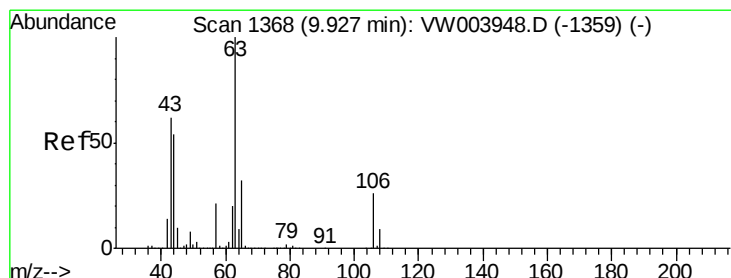
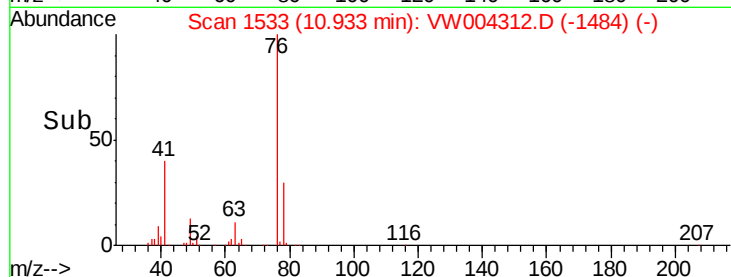
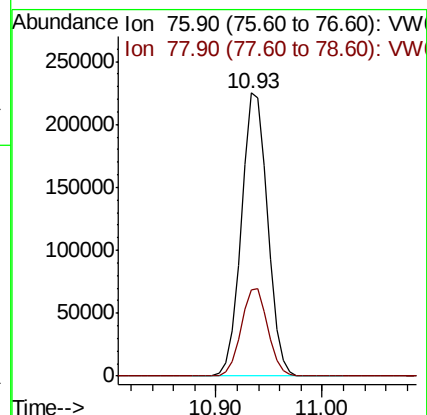
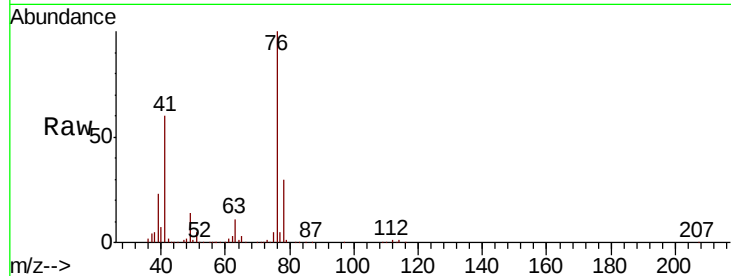
ClientSampleId :

Tot Ion: 76 Resp: 389809

Ion Ratio Lower Upper

76 100

78 31.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 553.349 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004312.D

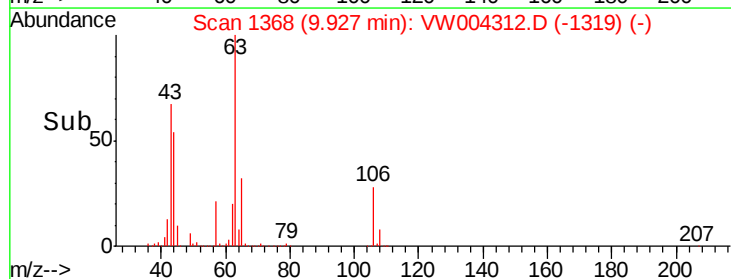
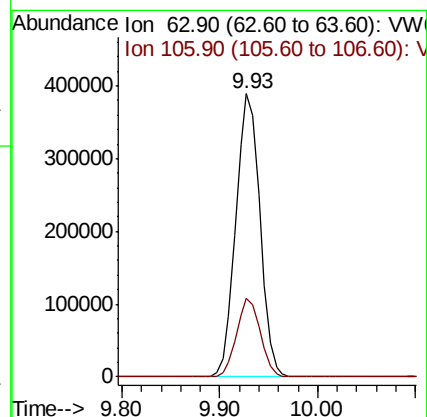
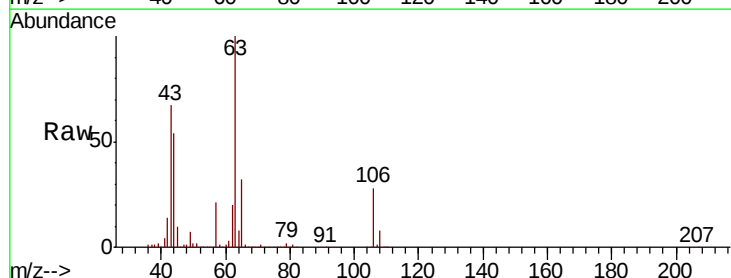
Acq: 29 Jul 2018 13:55

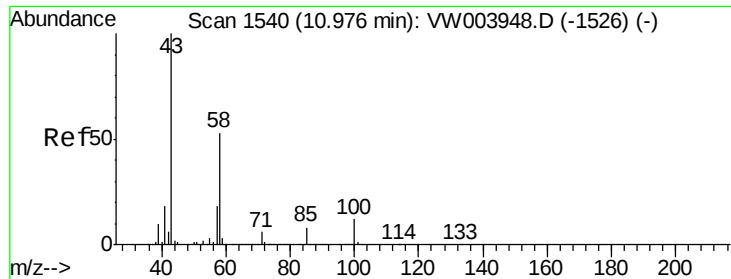
Tgt Ion: 63 Resp: 665365

Ion Ratio Lower Upper

63 100

106 27.2 21.9 32.9

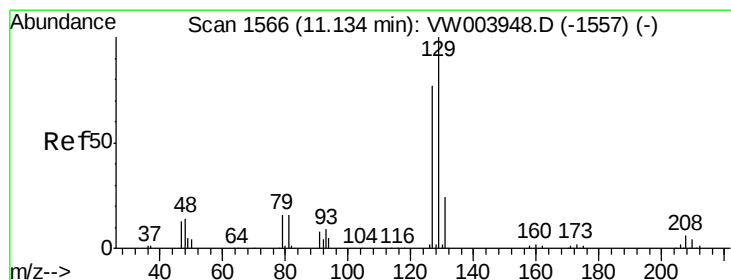
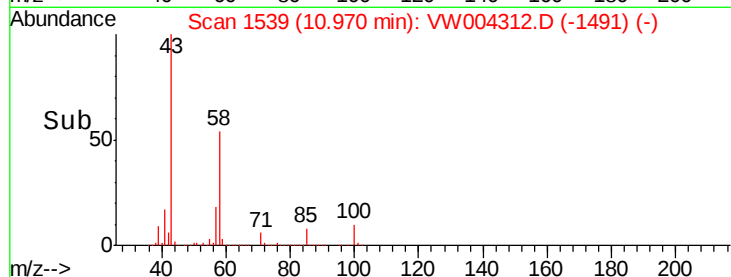
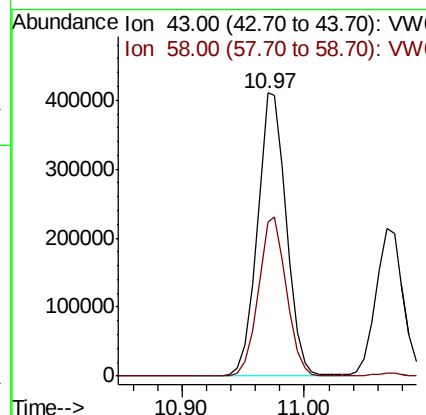
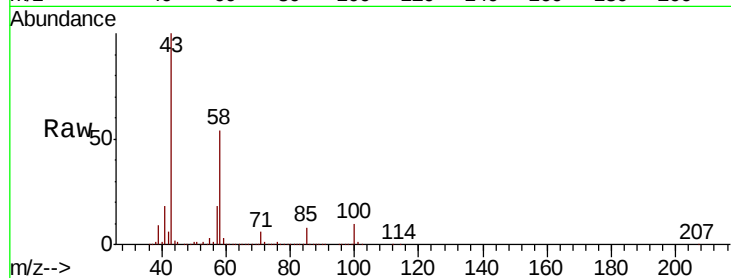




#59
2-Hexanone
Concen: 550.691 ug/l
RT: 10.97 min Scan# 1539
Delta R.T. -0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

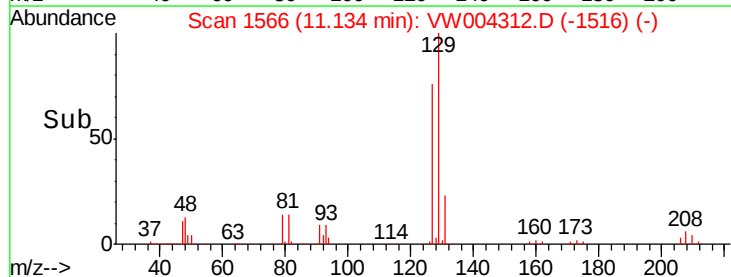
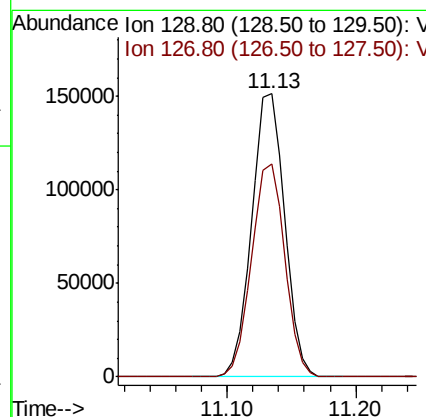
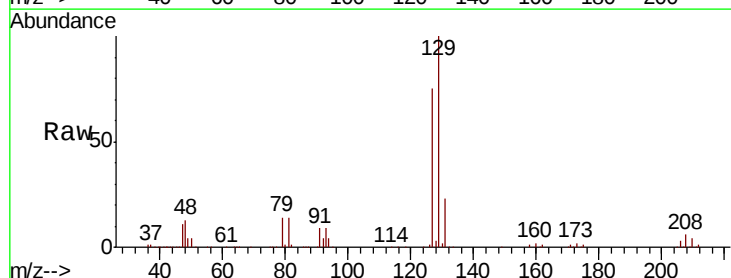
Instrument :
MSVOA_W
ClientSampleId :

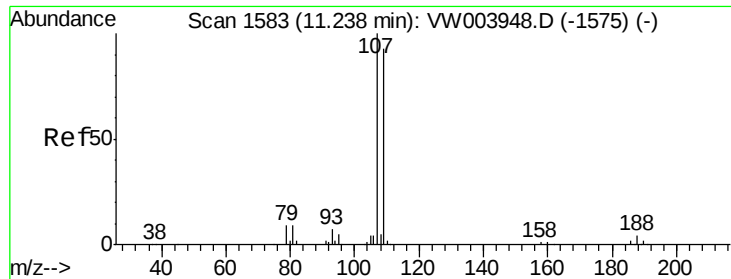
Tot Ion: 43 Resp: 675022
Ion Ratio Lower Upper
43 100
58 54.6 26.5 79.4



#60
Dibromochloromethane
Concen: 99.631 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 129 Resp: 266658
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.7

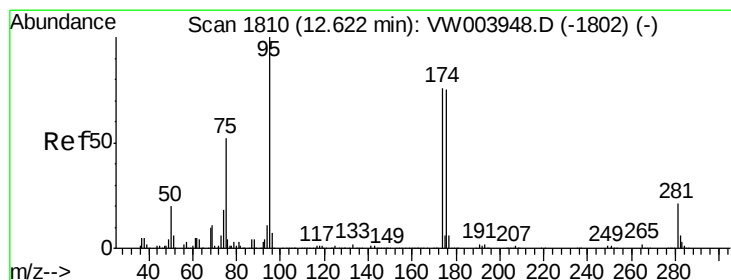
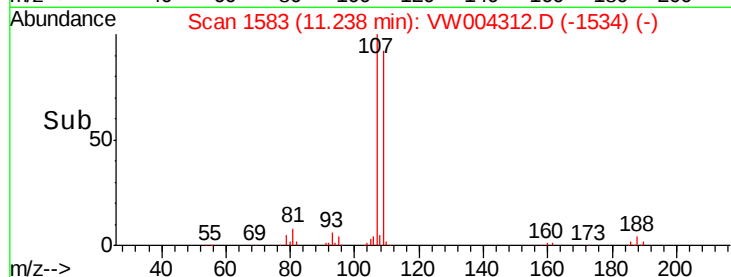
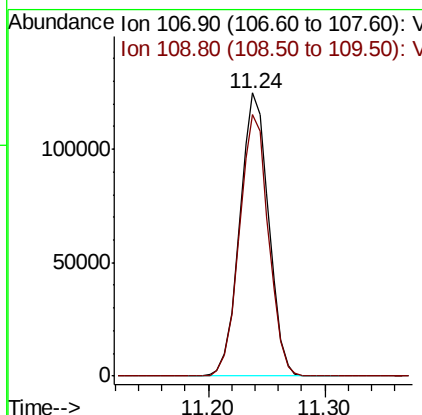
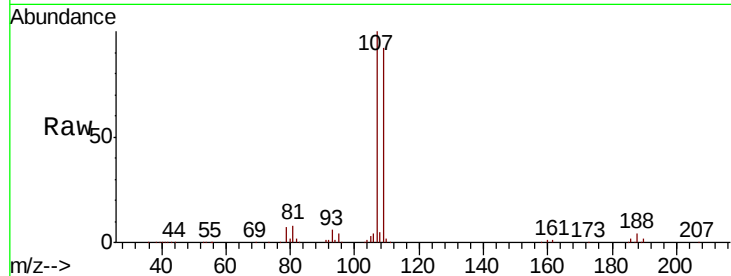




#61
 1,2-Dibromoethane
 Concen: 100.978 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

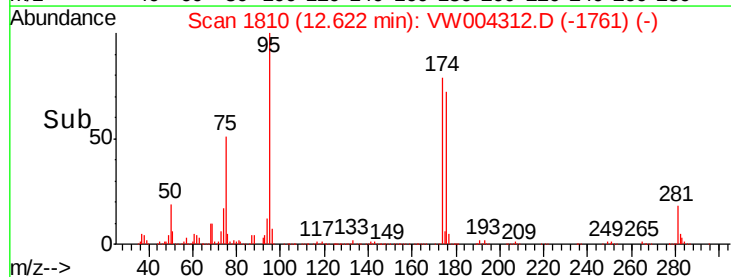
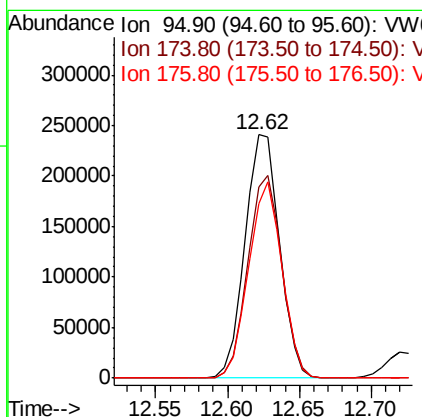
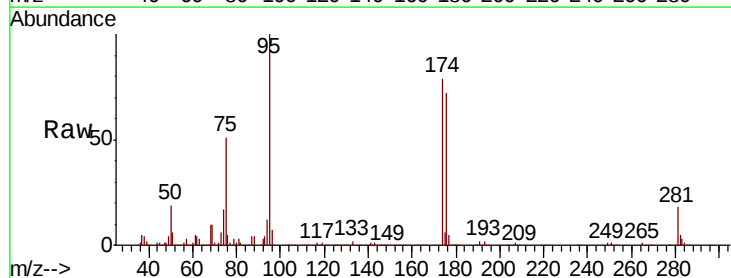
Instrument :
 MSVOA_W
 ClientSampled :

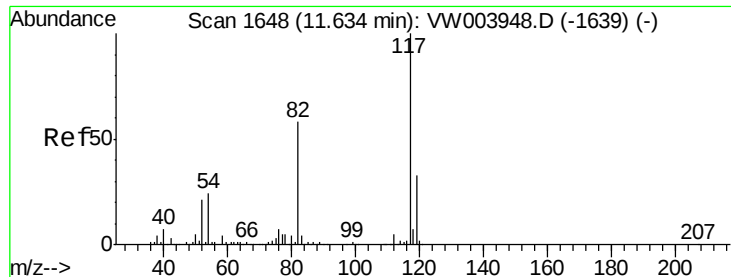
Tot Ion:107 Resp: 215390
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 102.956 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Tgt Ion: 95 Resp: 398597
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 167.8
 176 78.0 0.0 162.4

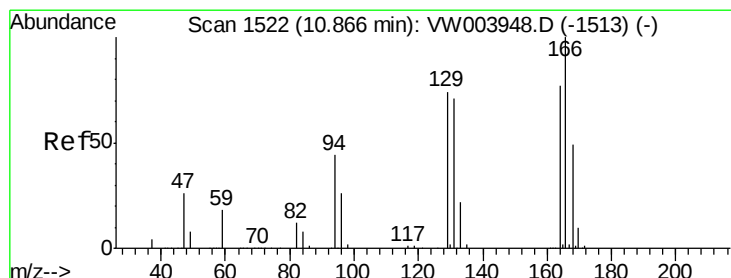
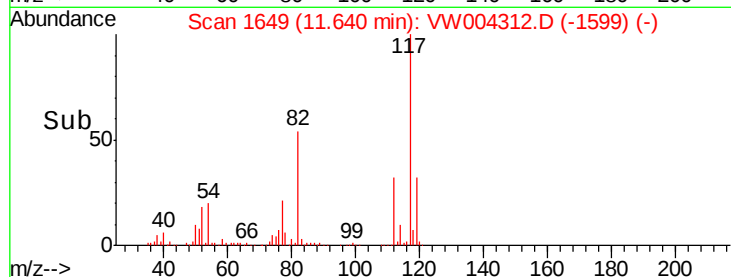
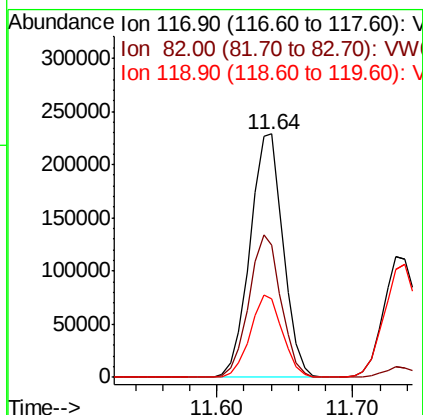
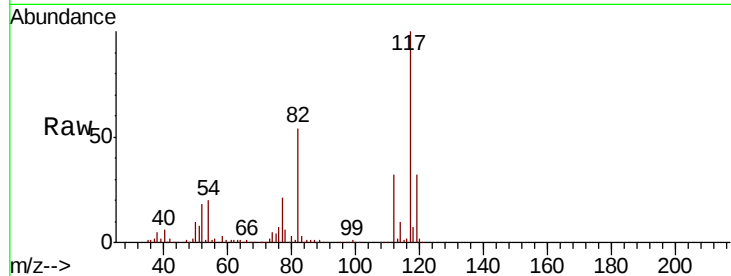




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

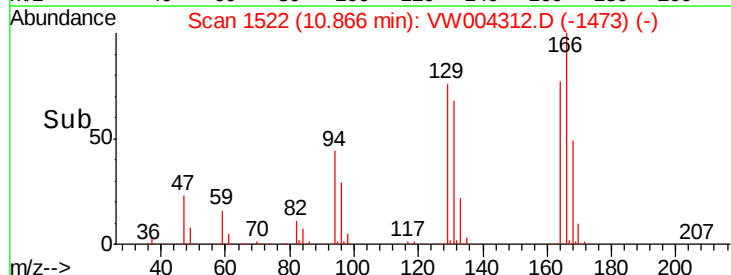
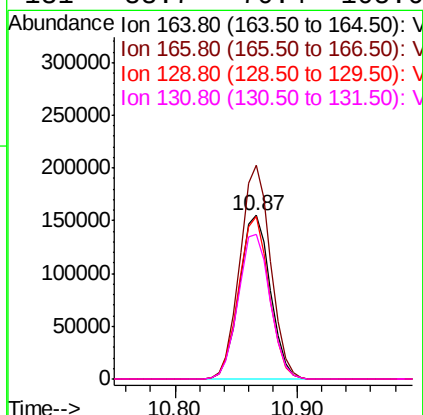
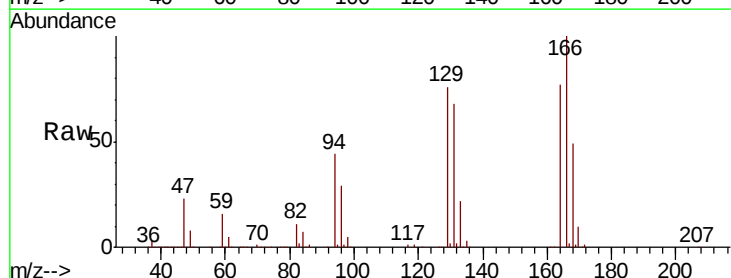
Instrument :
MSVOA_W
ClientSampled :

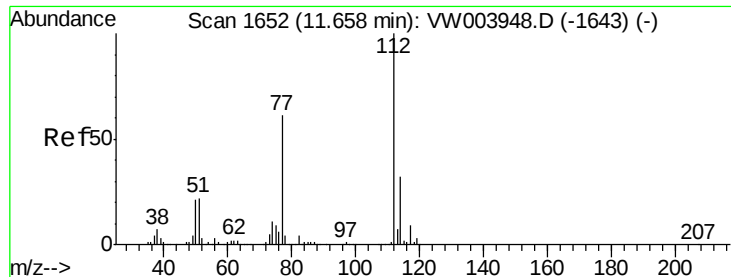
Tot Ion:117 Resp: 391530
Ion Ratio Lower Upper
117 100
82 54.2 47.9 71.9
119 32.4 27.1 40.7



#64
Tetrachloroethene
Concen: 95.416 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion:164 Resp: 273700
Ion Ratio Lower Upper
164 100
166 130.5 103.2 154.8
129 99.1 72.1 108.1
131 88.7 70.4 105.6

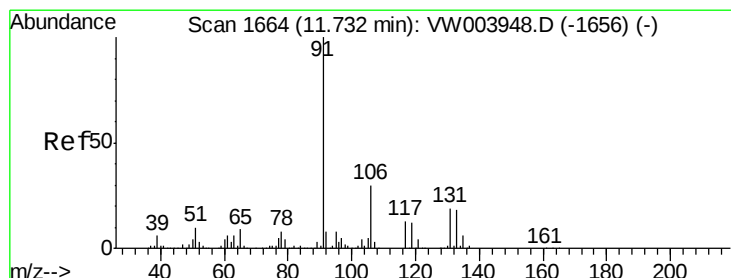
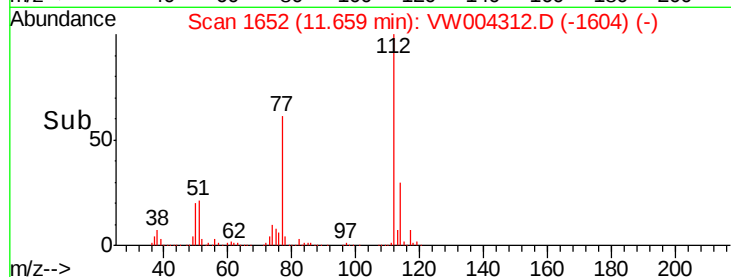
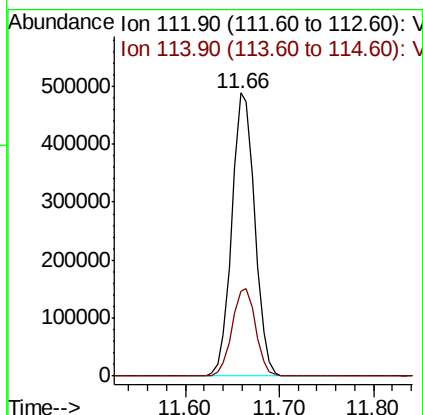
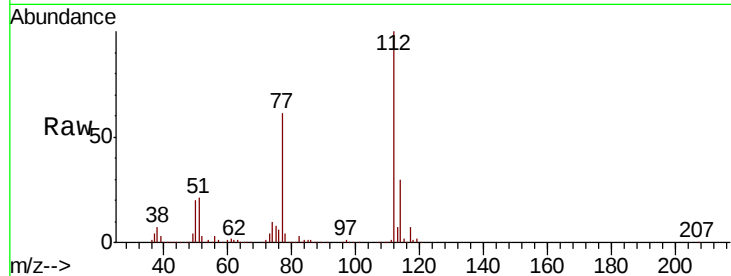




#65
Chlorobenzene
Concen: 100.061 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

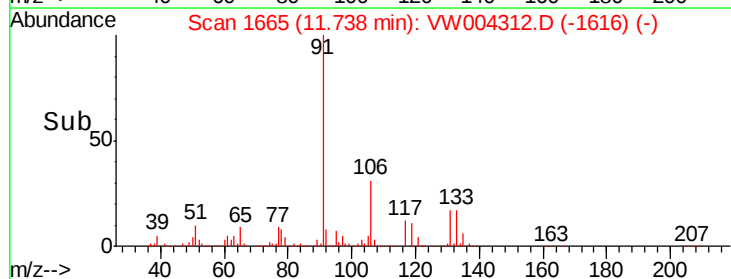
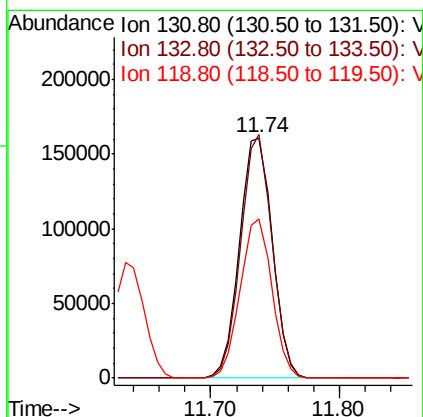
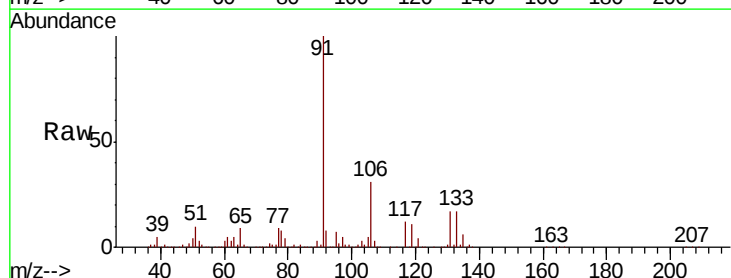
Instrument :
MSVOA_W
ClientSampled :

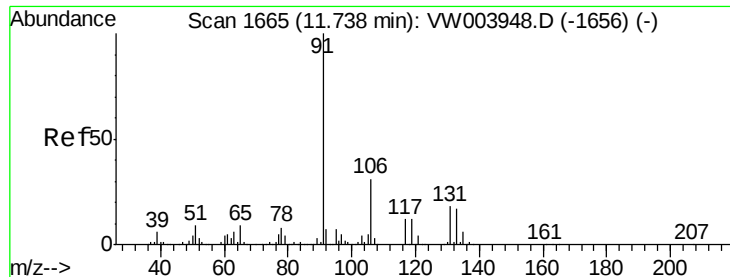
Tot Ion:112 Resp: 822802
Ion Ratio Lower Upper
112 100
114 30.1 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 97.515 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion:131 Resp: 282817
Ion Ratio Lower Upper
131 100
133 96.6 48.6 145.9
119 64.3 33.1 99.5

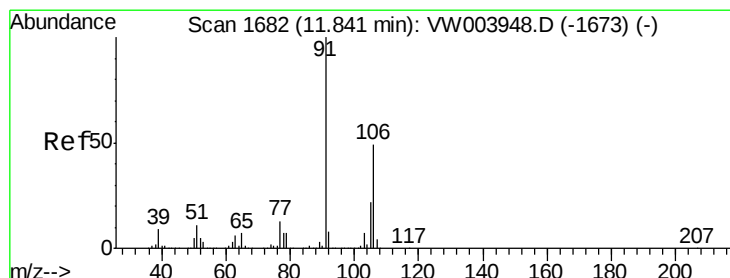
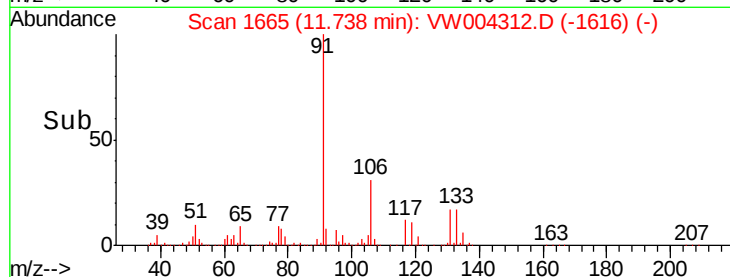
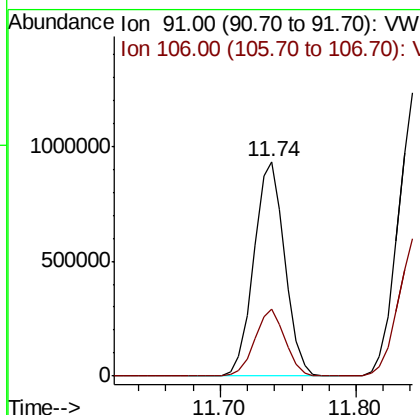
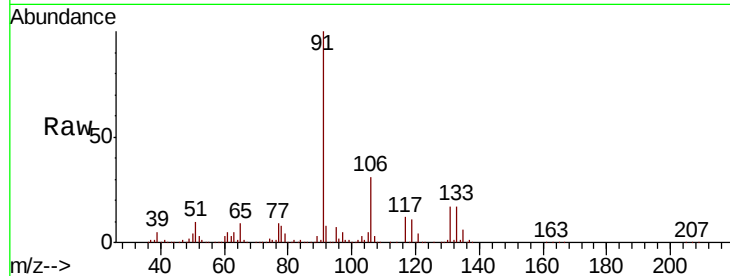




#67
Ethyl Benzene
Concen: 103.534 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

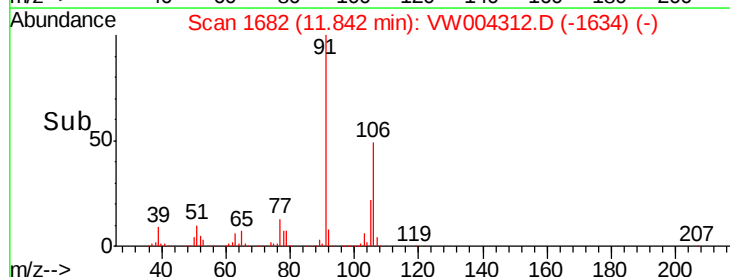
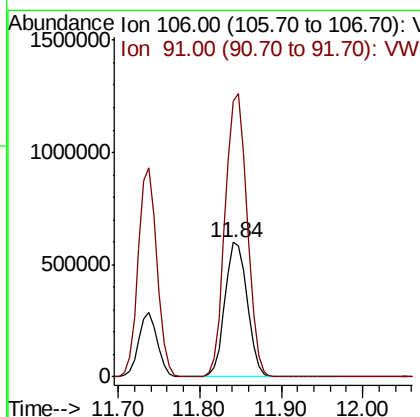
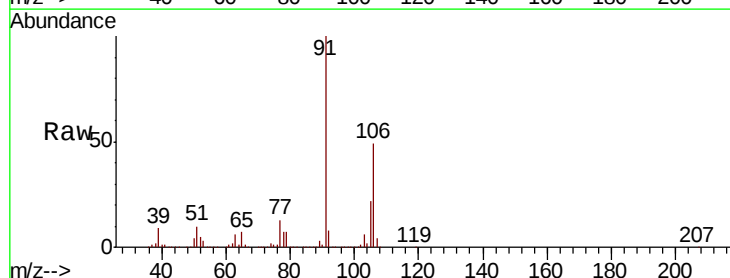
Instrument :
MSVOA_W
ClientSampled :

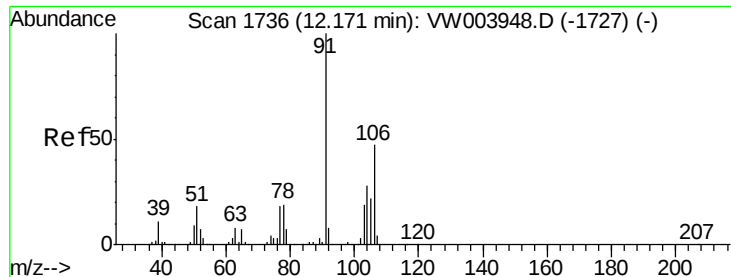
Tot Ion: 91 Resp: 1484047
Ion Ratio Lower Upper
91 100
106 31.1 26.1 39.1



#68
m/p-Xylenes
Concen: 204.138 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion: 106 Resp: 1125976
Ion Ratio Lower Upper
106 100
91 208.4 162.2 243.2

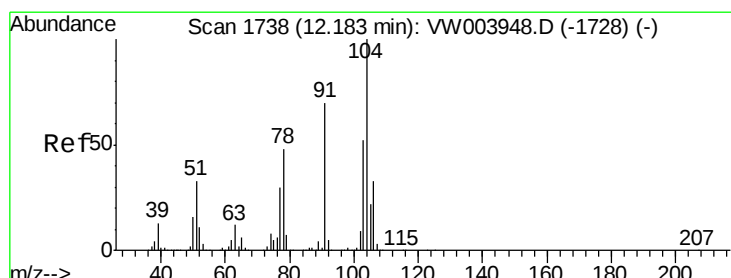
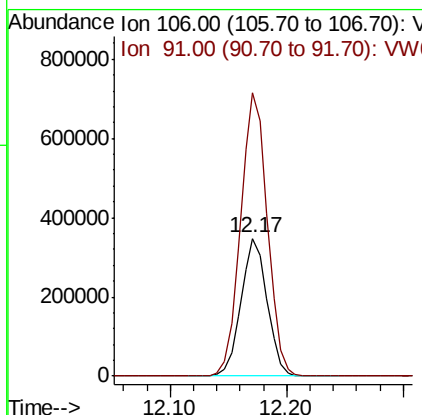
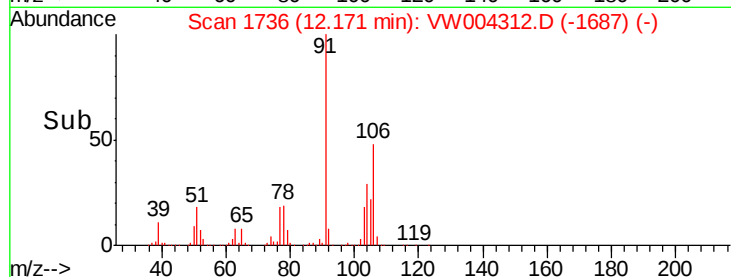
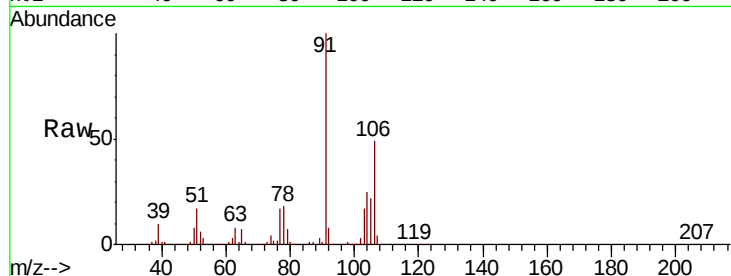




#69
o-Xylene
Concen: 106.397 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

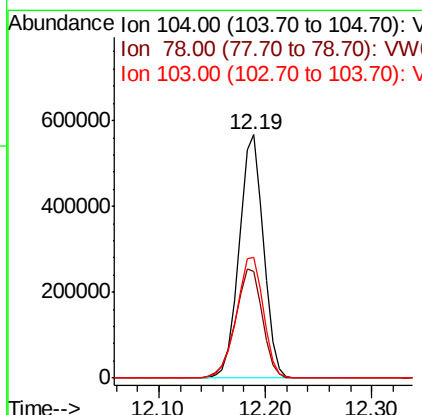
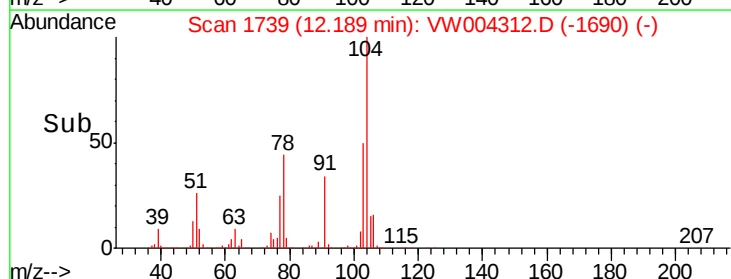
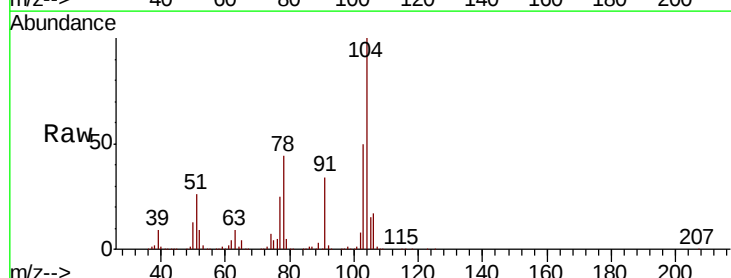
Instrument :
MSVOA_W
ClientSampled :

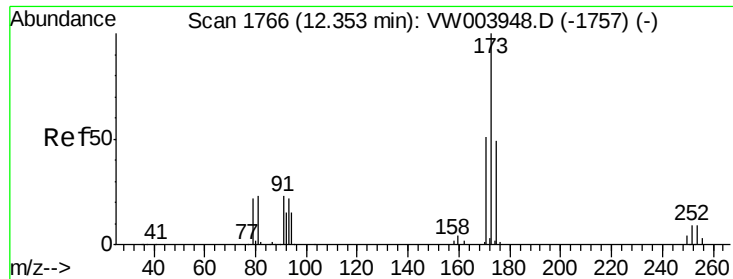
Tot Ion:106 Resp: 542238
Ion Ratio Lower Upper
106 100
91 210.7 108.7 326.1



#70
Styrene
Concen: 105.598 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion:104 Resp: 909210
Ion Ratio Lower Upper
104 100
78 49.8 40.9 61.3
103 55.0 45.0 67.6





#71

Bromoform

Concen: 101.708 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampled :

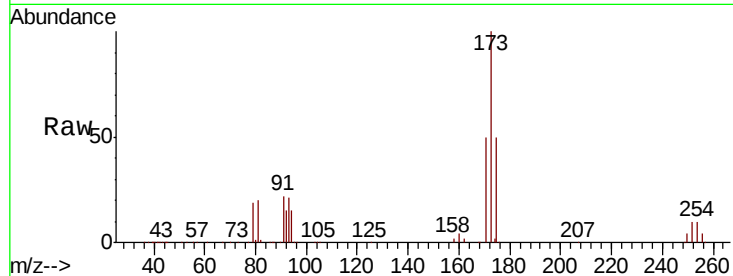
Tot Ion:173 Resp: 165316

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

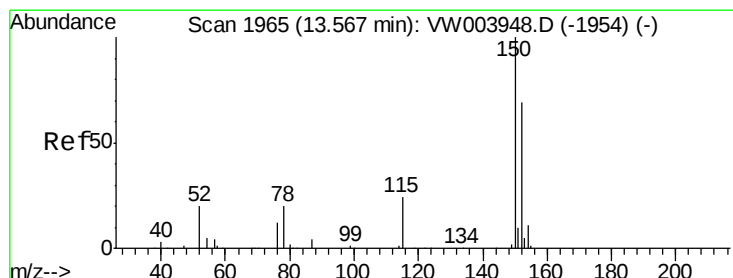
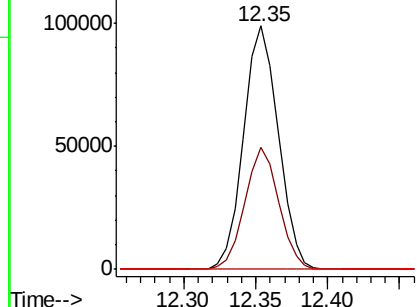
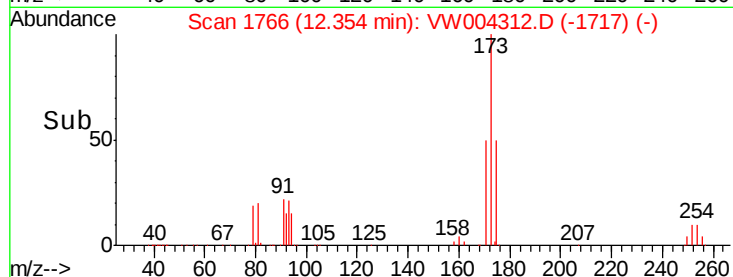
254 0.1 0.2 0.2#



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: VW004312.D

Acq: 29 Jul 2018 13:55

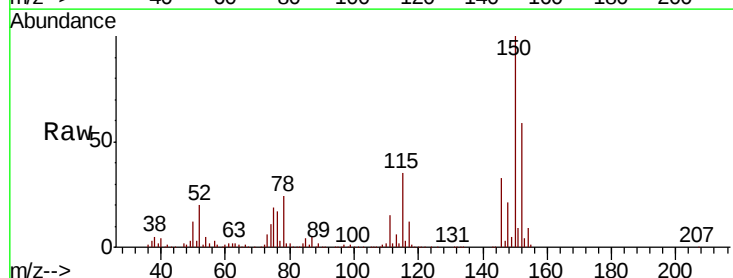
Tgt Ion:152 Resp: 203169

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.4

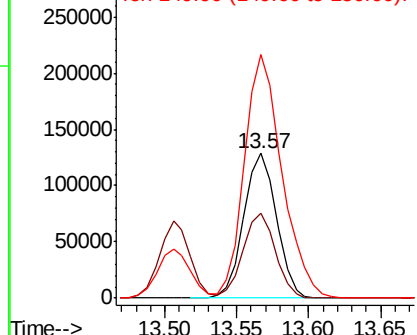
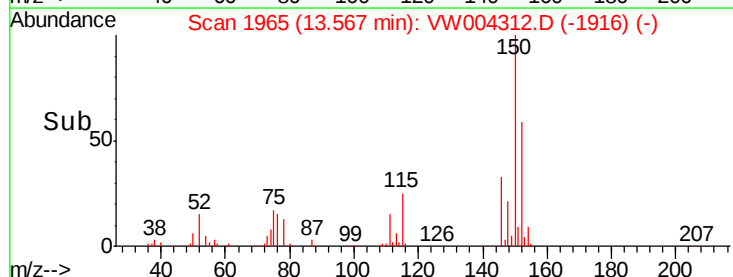
150 192.9 0.0 346.4

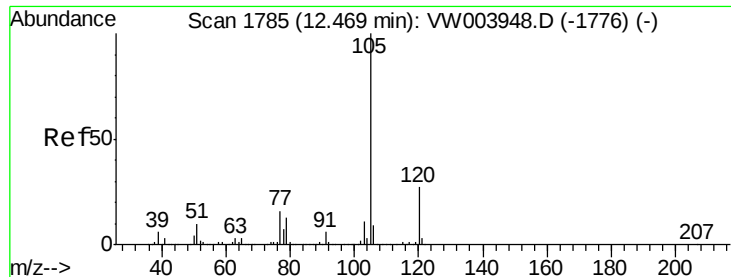


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 108.117 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

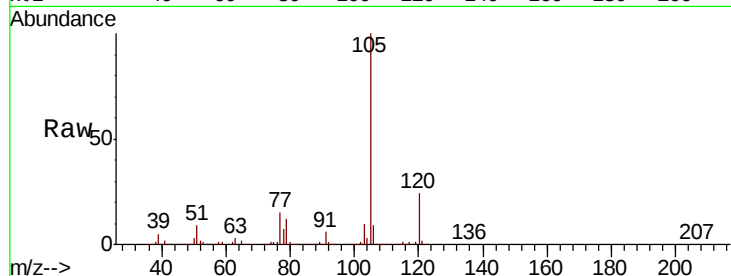
ClientSampled :

Tot Ion:105 Resp: 1523108

Ion Ratio Lower Upper

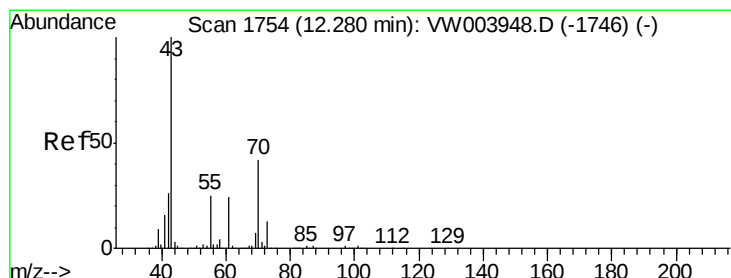
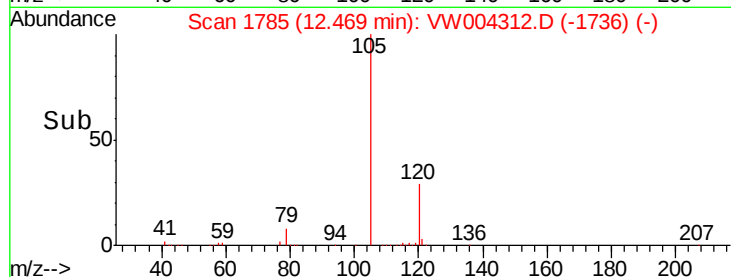
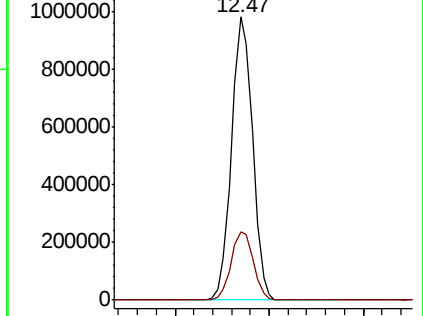
105 100

120 25.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 119.828 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Tgt Ion: 43 Resp: 365791

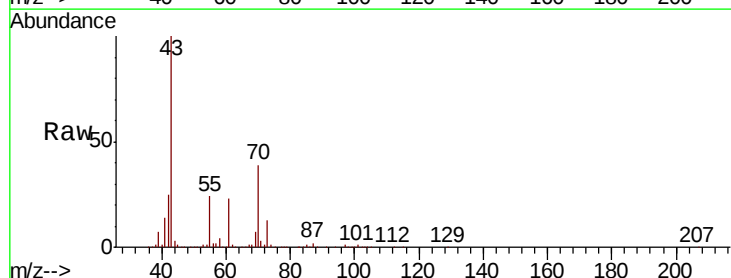
Ion Ratio Lower Upper

43 100

70 40.9 34.2 51.4

55 25.1 21.8 32.8

61 24.0 18.9 28.3

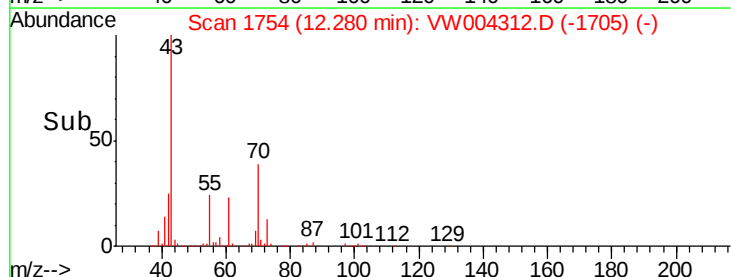
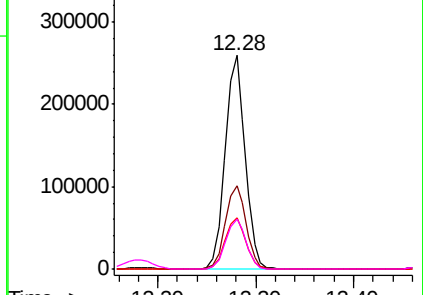


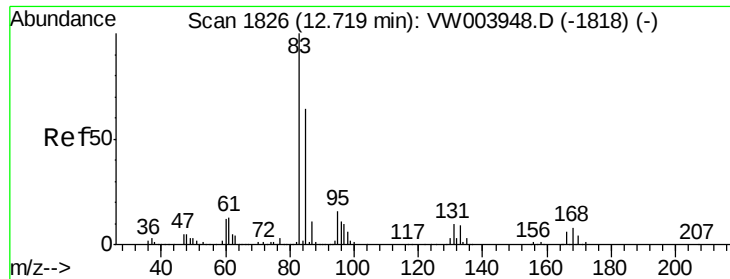
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 107.579 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampleId :

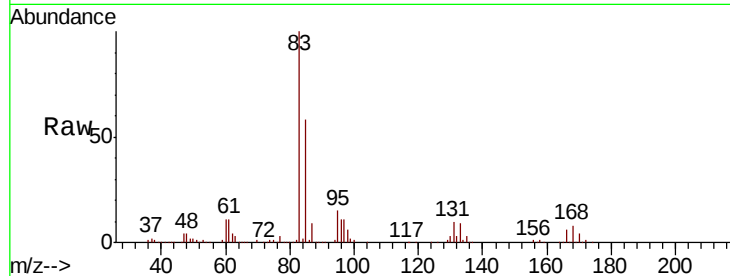
Tot Ion: 83 Resp: 265480

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

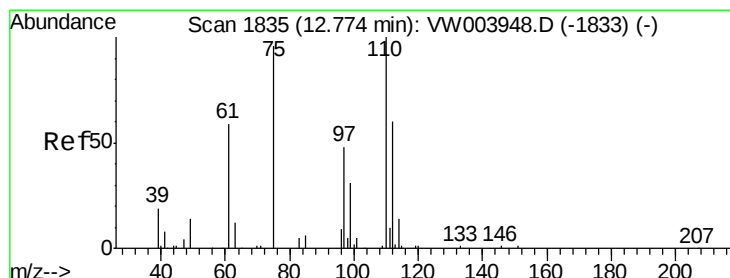
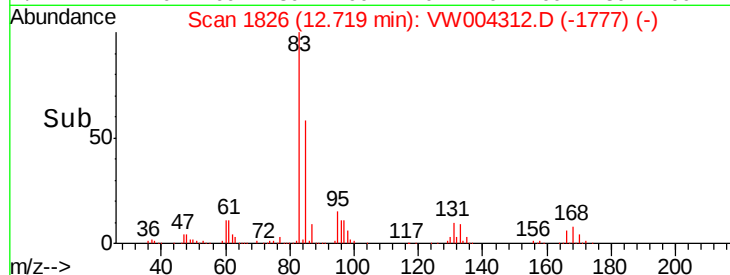
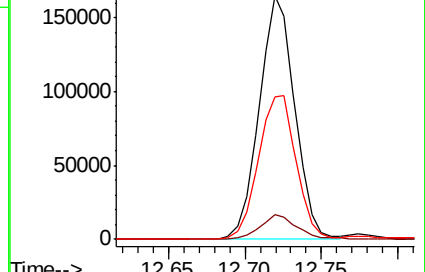
85 62.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 115.507 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004312.D

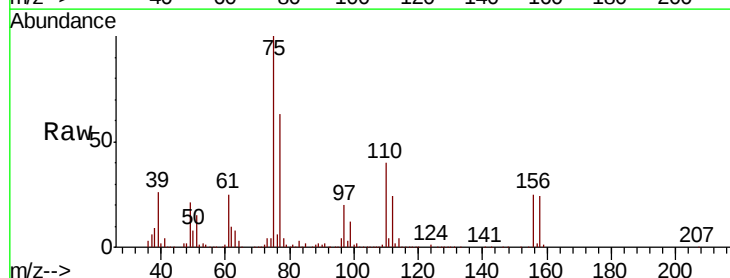
Acq: 29 Jul 2018 13:55

Tgt Ion: 75 Resp: 357657

Ion Ratio Lower Upper

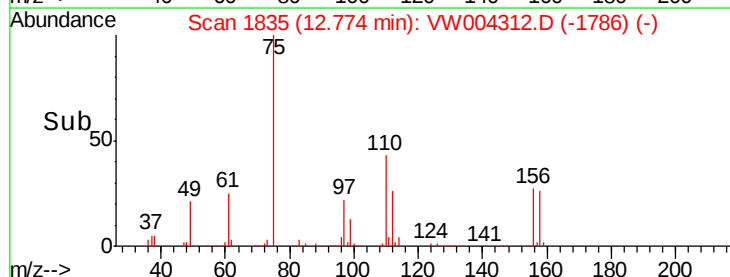
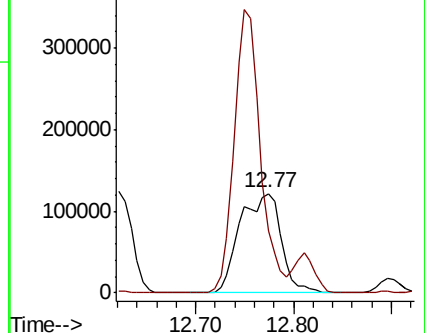
75 100

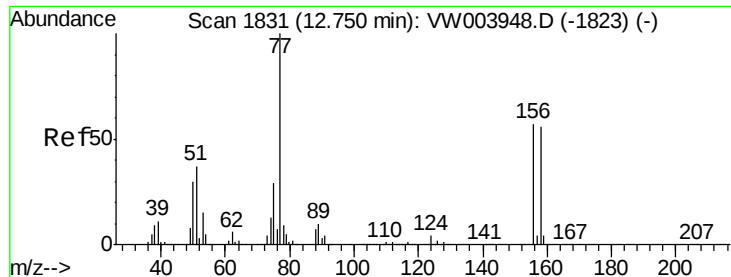
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 100.667 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampleId :

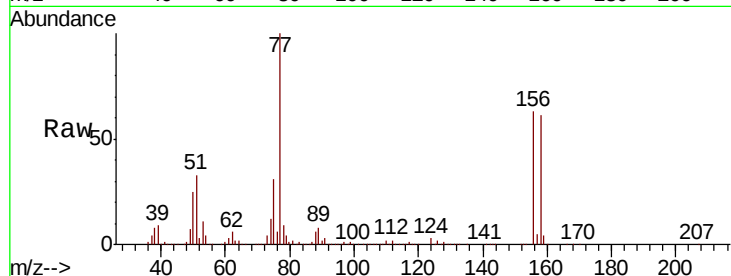
Tot Ion:156 Resp: 342655

Ion Ratio Lower Upper

156 100

77 188.3 92.9 278.7

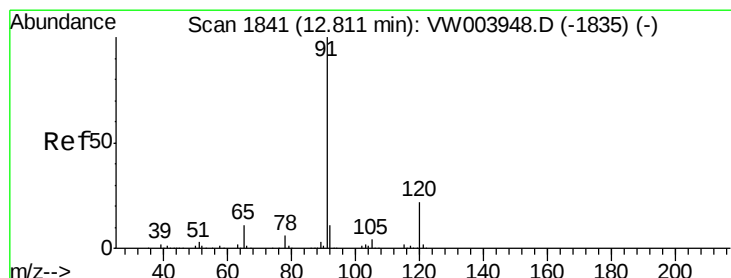
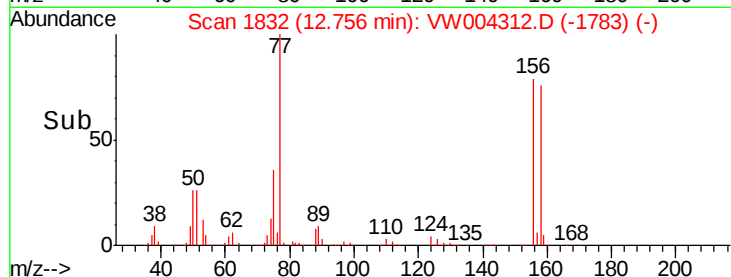
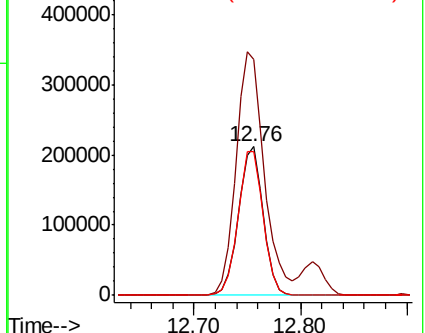
158 98.9 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 106.373 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004312.D

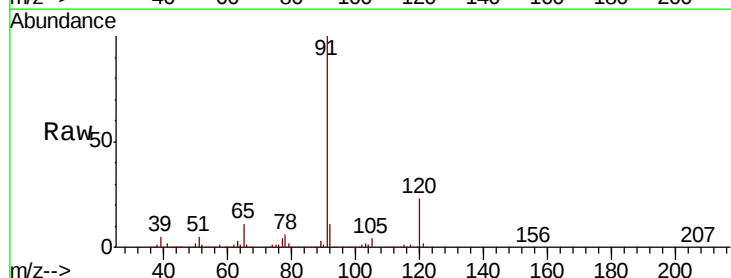
Acq: 29 Jul 2018 13:55

Tgt Ion: 91 Resp: 1825570

Ion Ratio Lower Upper

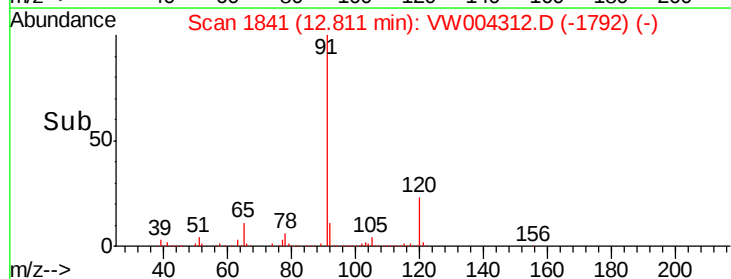
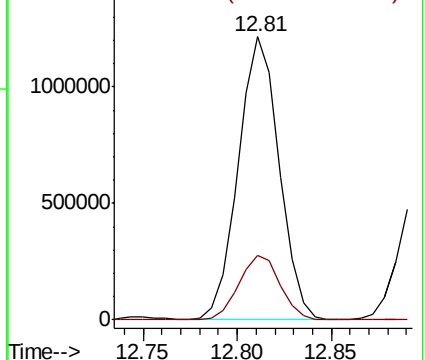
91 100

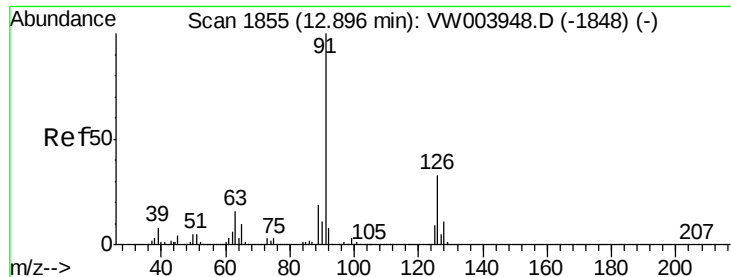
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 104.888 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

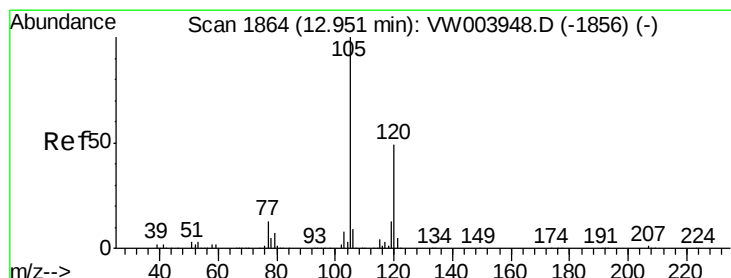
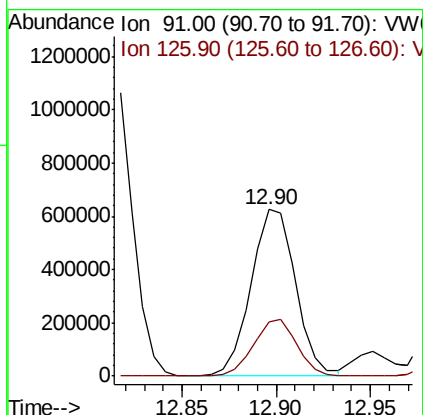
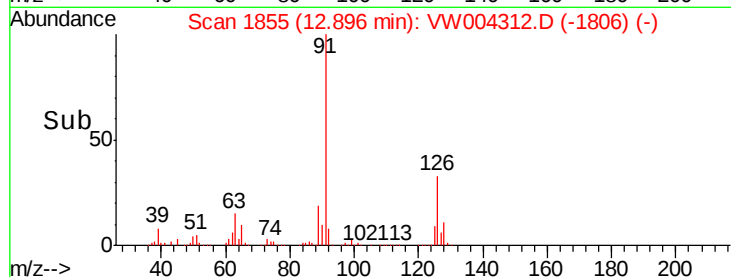
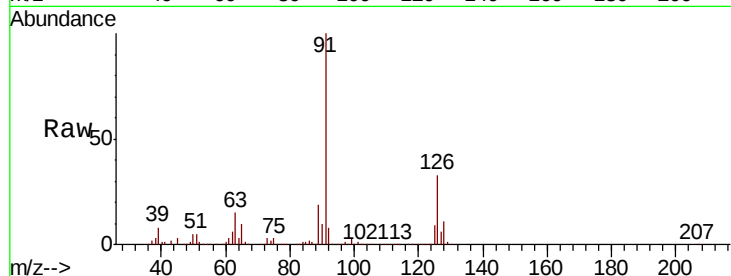
ClientSampleId :

Tot Ion: 91 Resp: 1029595

Ion Ratio Lower Upper

91 100

126 33.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 103.742 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004312.D

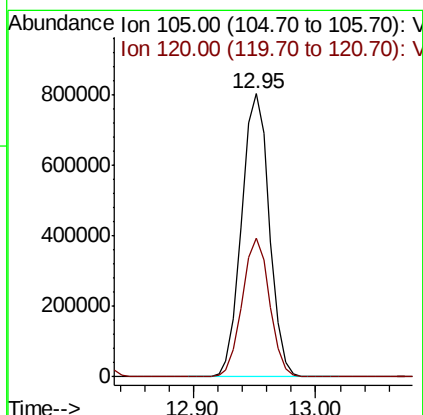
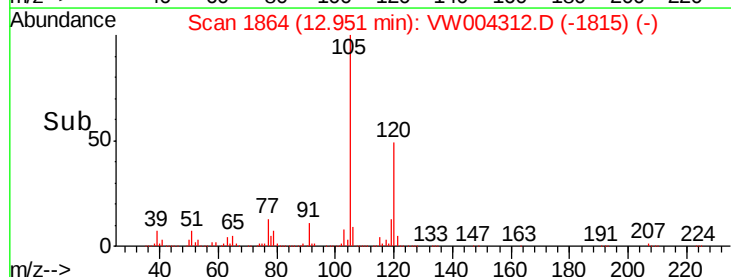
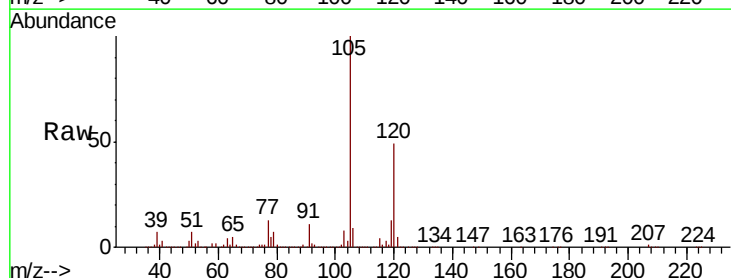
Acq: 29 Jul 2018 13:55

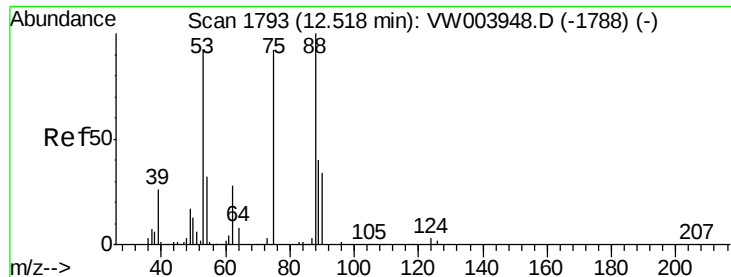
Tgt Ion:105 Resp: 1259022

Ion Ratio Lower Upper

105 100

120 48.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 113.714 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampleId :

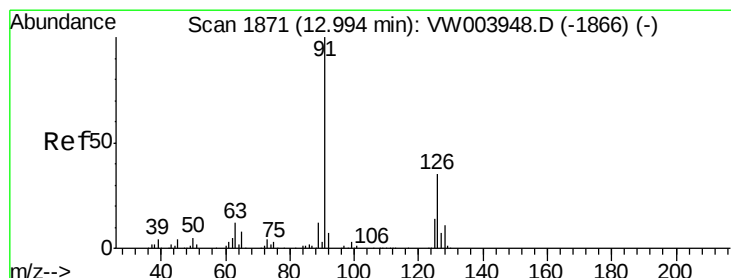
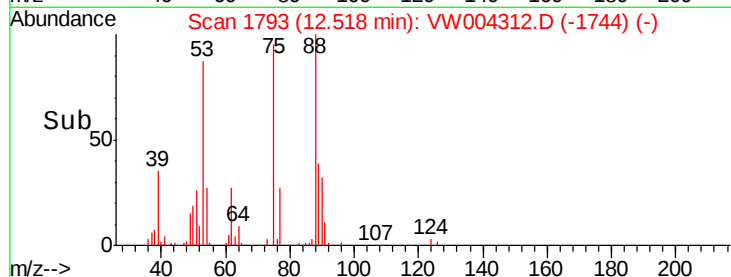
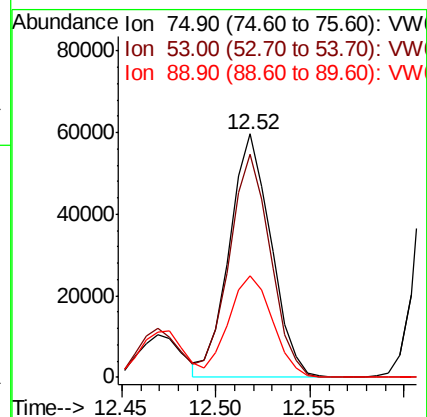
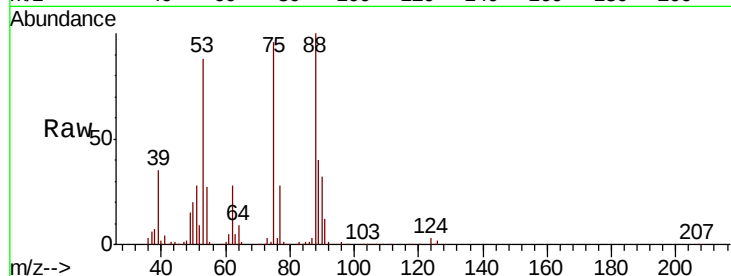
Tot Ion: 75 Resp: 90616

Ion Ratio Lower Upper

75 100

53 92.3 77.6 116.4

89 43.9 36.0 54.0



#82

4-Chlorotoluene

Concen: 103.892 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004312.D

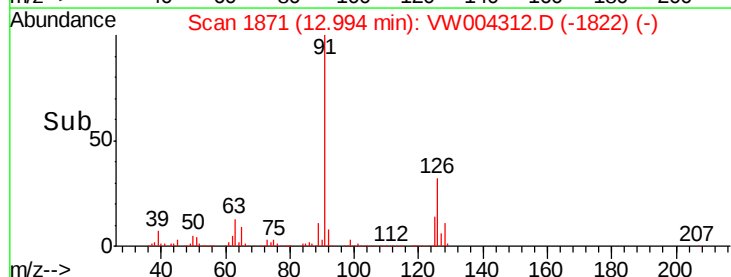
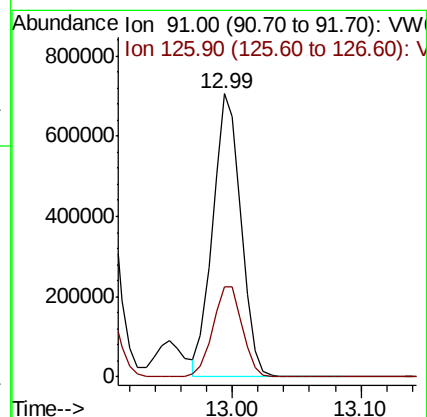
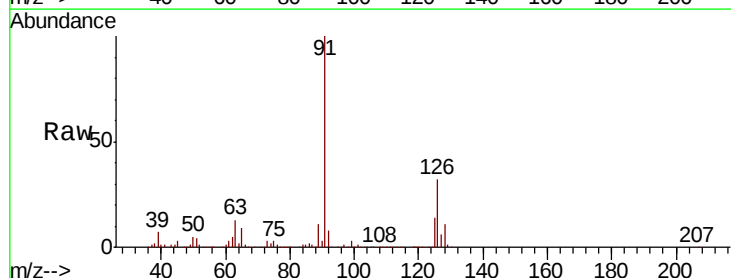
Acq: 29 Jul 2018 13:55

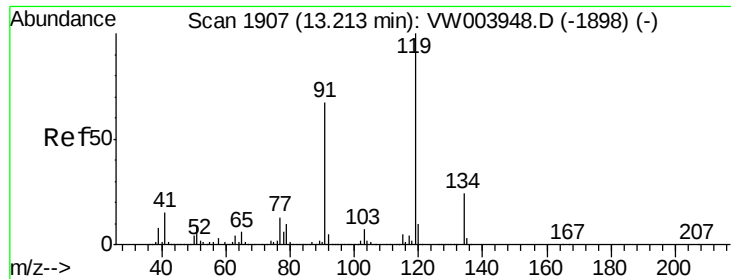
Tgt Ion: 91 Resp: 1079132

Ion Ratio Lower Upper

91 100

126 33.5 17.4 52.3

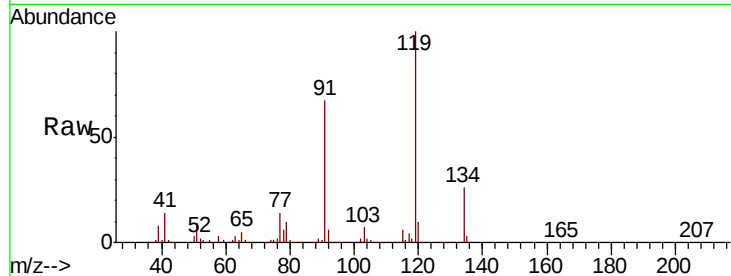




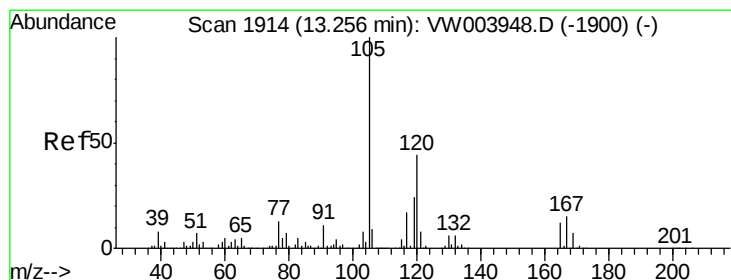
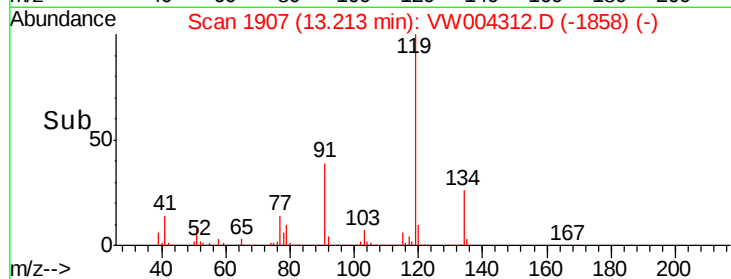
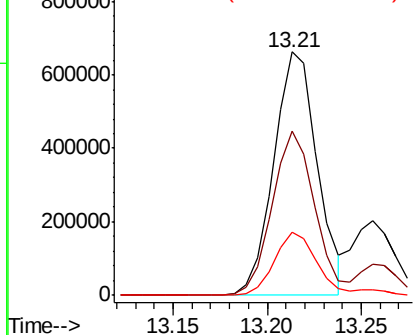
#83
tert-Butylbenzene
Concen: 104.764 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 1059212
Ion Ratio Lower Upper
119 100
91 66.6 32.8 98.3
134 26.8 12.2 36.6

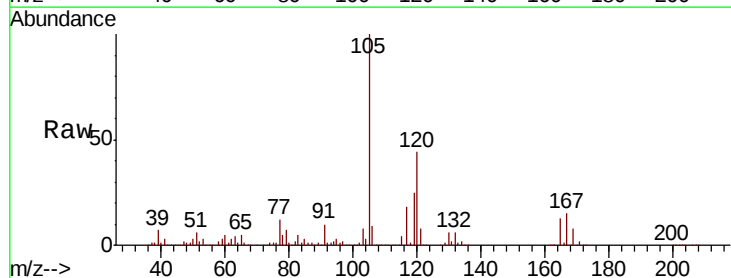


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

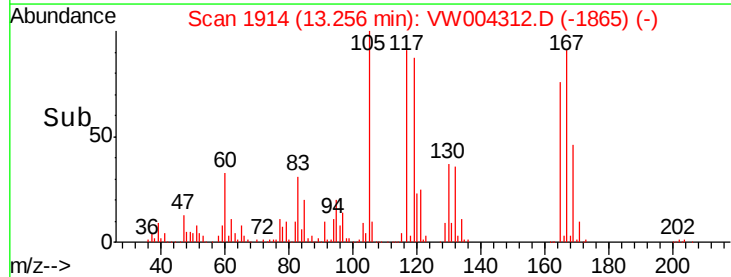
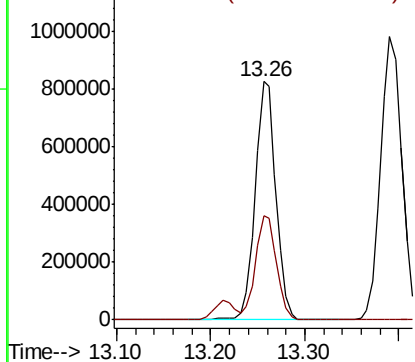


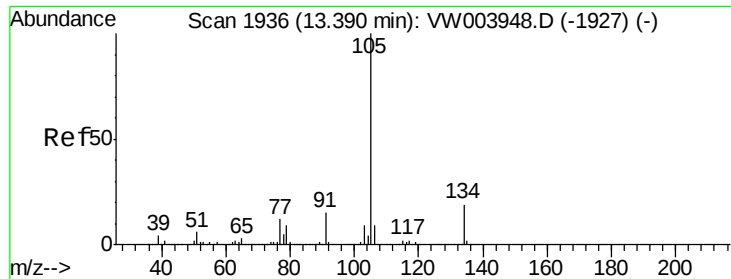
#84
1,2,4-Trimethylbenzene
Concen: 103.671 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion:105 Resp: 1283169
Ion Ratio Lower Upper
105 100
120 44.2 22.7 68.0



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

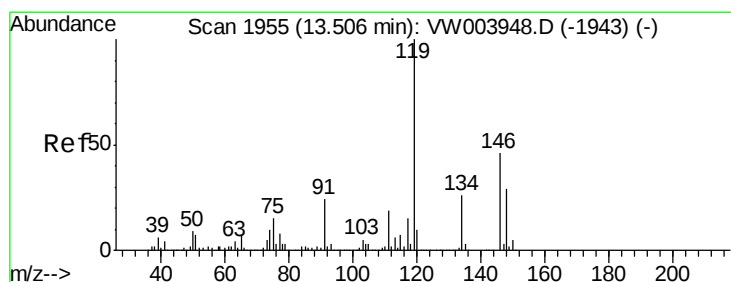
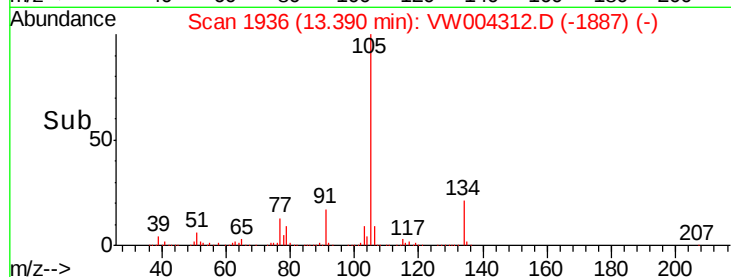
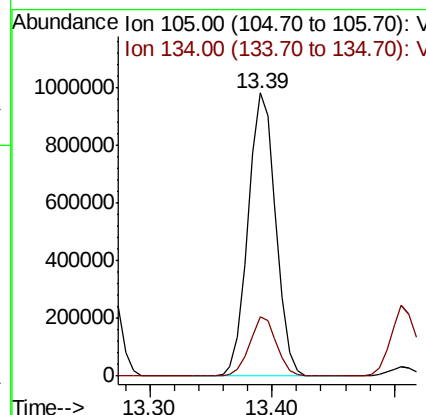
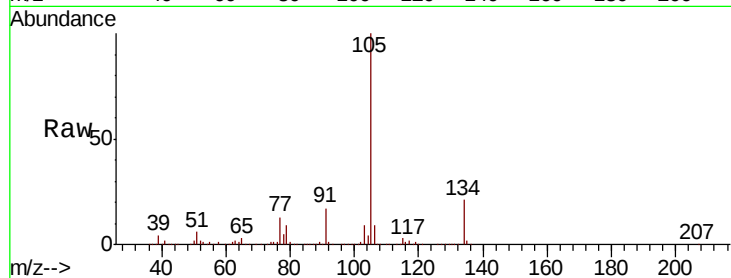




#85
 sec-Butylbenzene
 Concen: 103.945 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

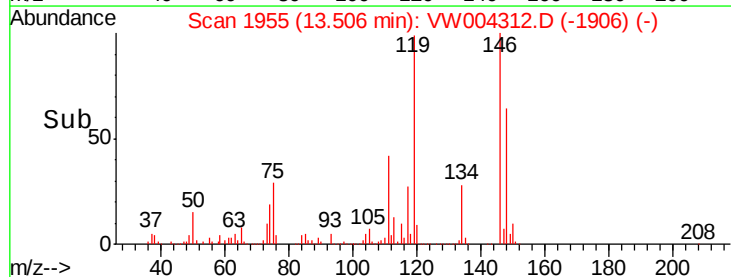
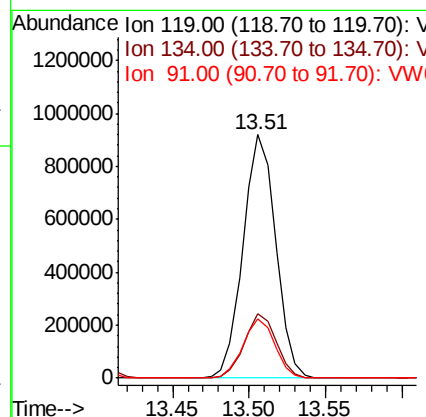
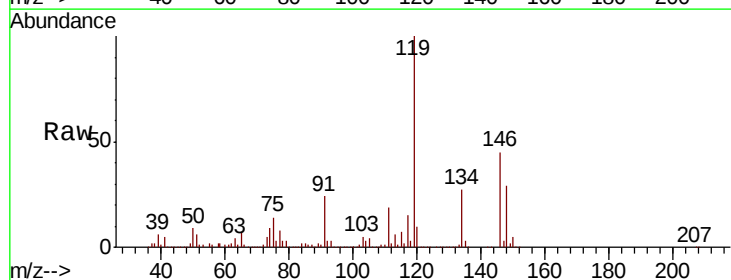
Instrument :
 MSVOA_W
 ClientSampled :

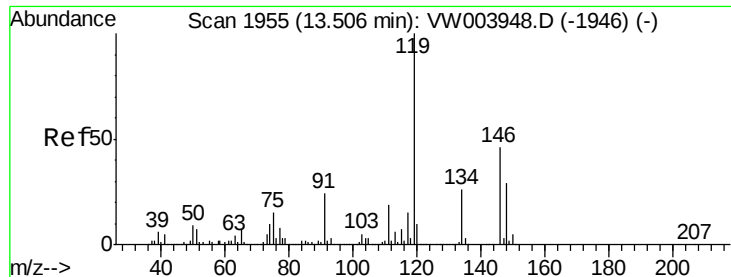
Tot Ion:105 Resp: 1535092
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 102.808 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Tgt Ion:119 Resp: 1363643
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 23.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 97.801 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampleId :

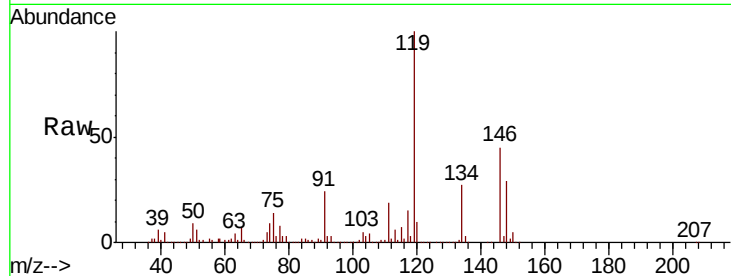
Tot Ion:146 Resp: 666337

Ion Ratio Lower Upper

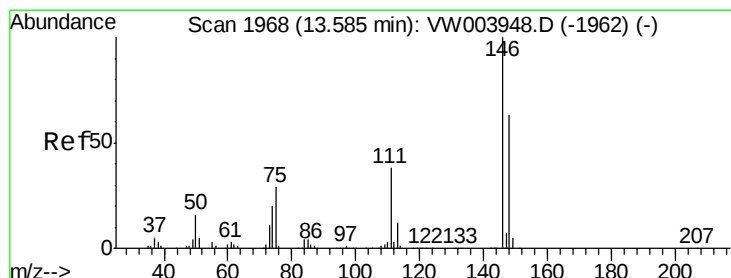
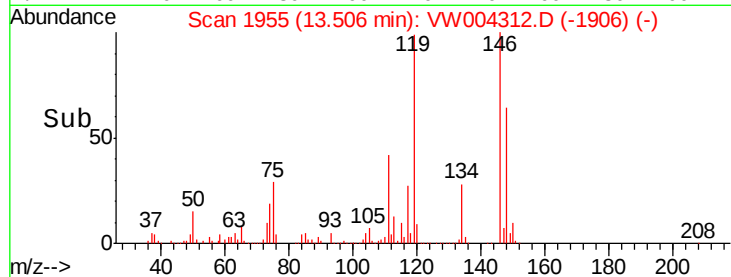
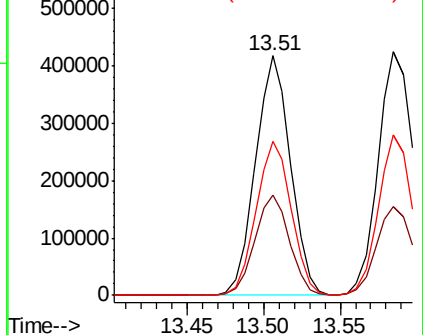
146 100

111 41.2 19.9 59.6

148 64.6 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: 99.341 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

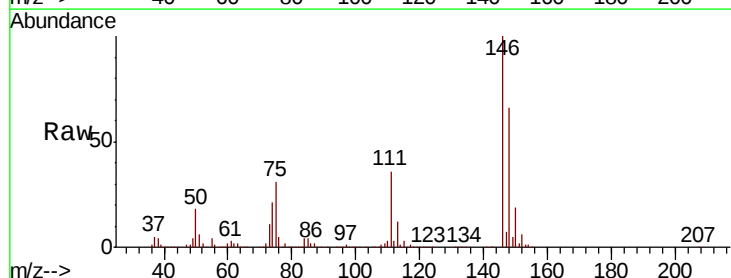
Tgt Ion:146 Resp: 675265

Ion Ratio Lower Upper

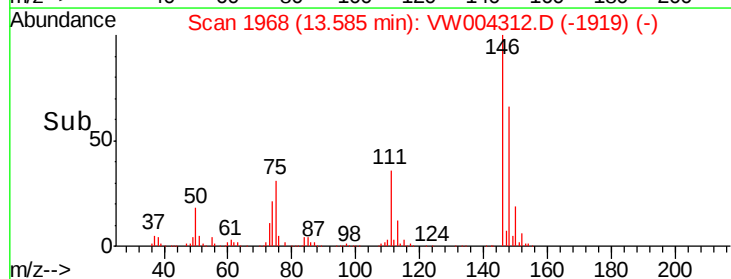
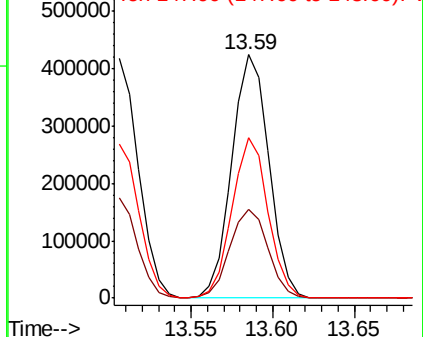
146 100

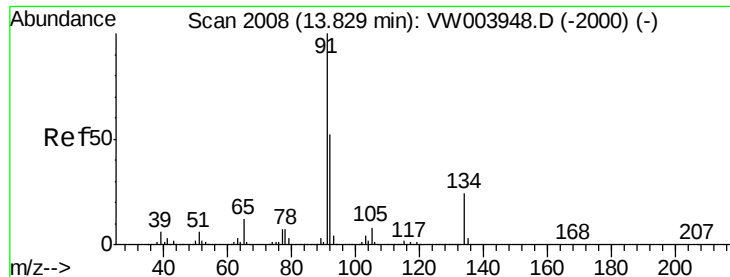
111 37.5 19.4 58.1

148 63.6 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 103.845 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampled :

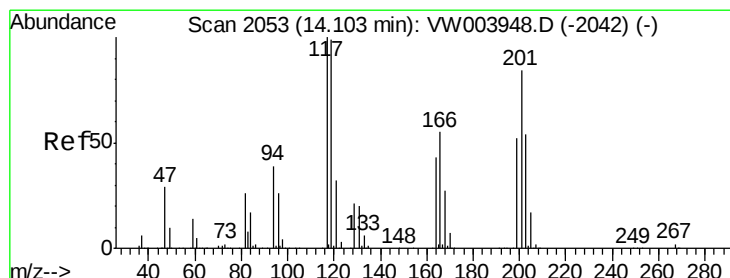
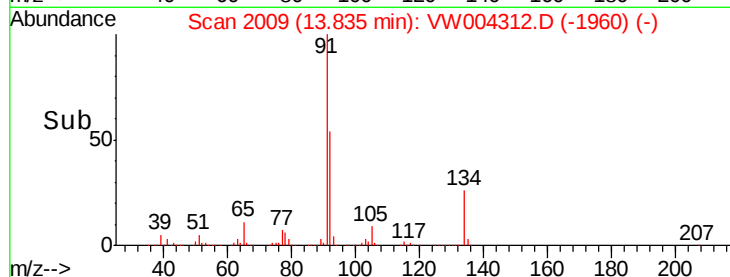
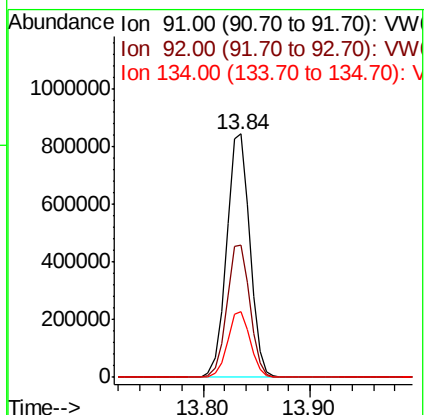
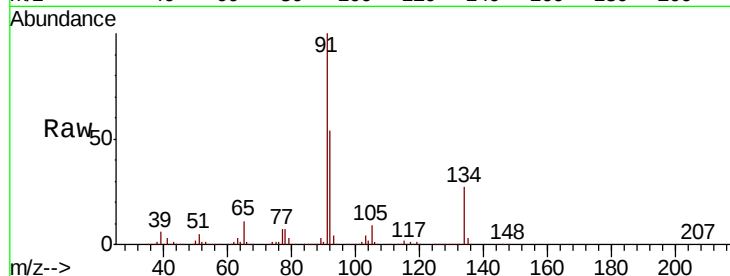
Tot Ion: 91 Resp: 1286212

Ion Ratio Lower Upper

91 100

92 54.0 26.4 79.2

134 26.3 12.9 38.6



#90

Hexachloroethane

Concen: 102.164 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW004312.D

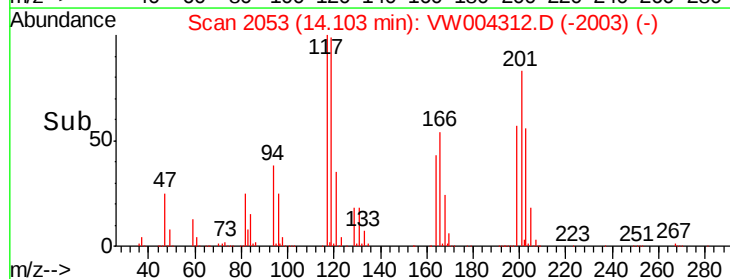
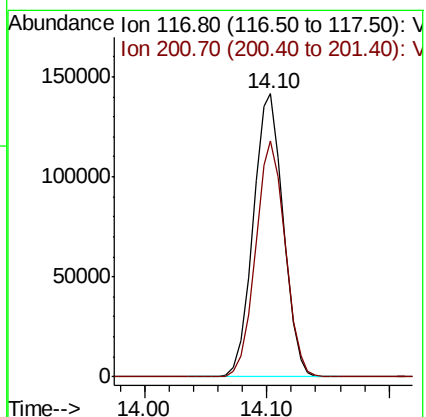
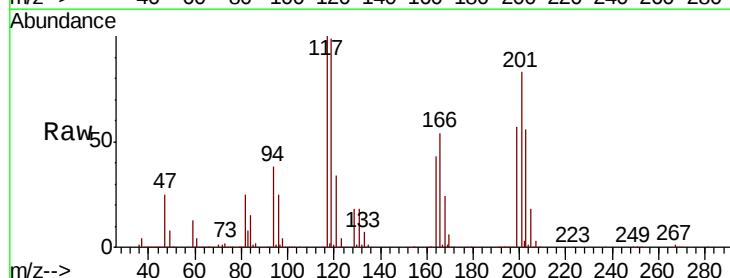
Acq: 29 Jul 2018 13:55

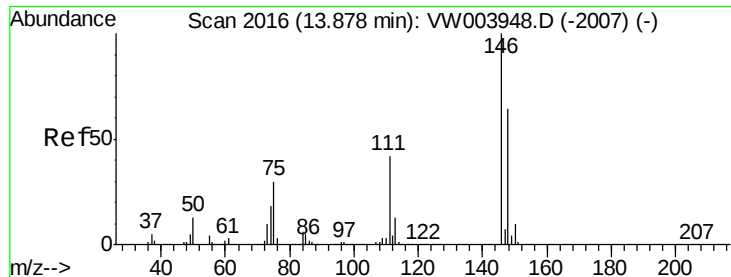
Tgt Ion: 117 Resp: 241689

Ion Ratio Lower Upper

117 100

201 82.0 41.5 124.5





#91

1,2-Dichlorobenzene

Concen: 99.129 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

Instrument :

MSVOA_W

ClientSampleId :

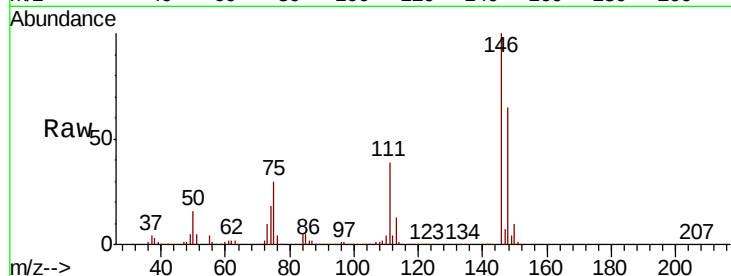
Tot Ion:146 Resp: 604538

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.1

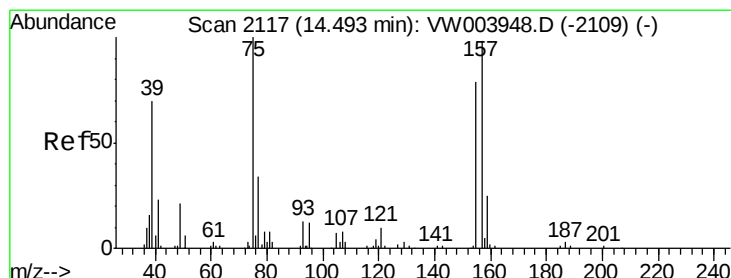
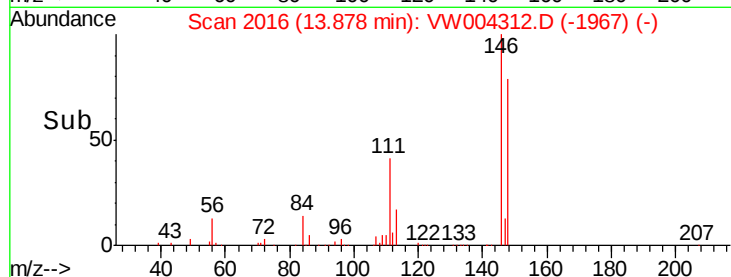
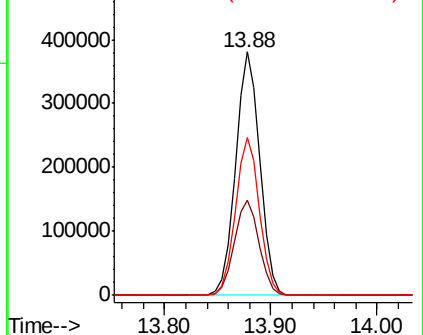
148 64.2 32.0 96.0



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: 105.427 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004312.D

Acq: 29 Jul 2018 13:55

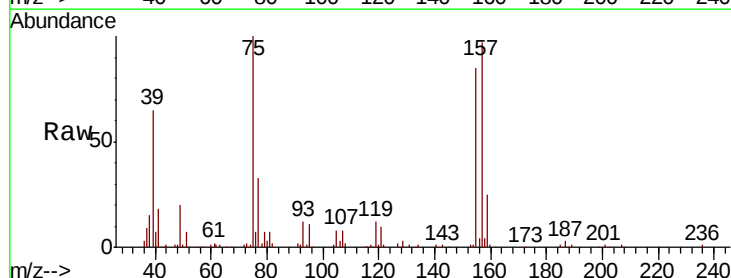
Tgt Ion: 75 Resp: 45416

Ion Ratio Lower Upper

75 100

155 83.9 41.4 124.4

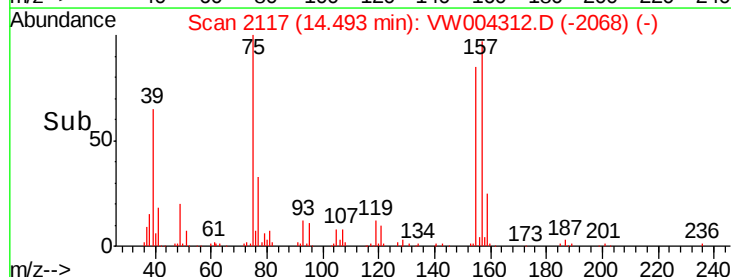
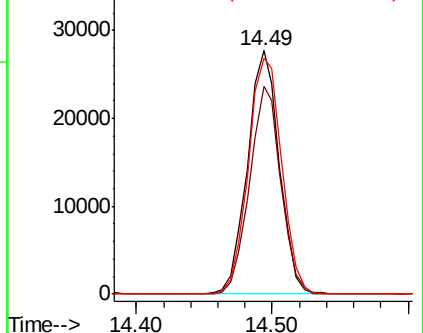
157 101.8 55.2 165.6

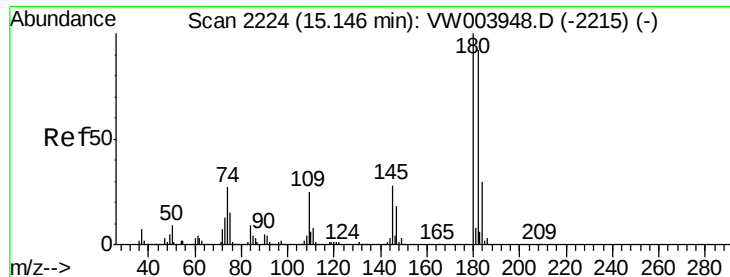


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

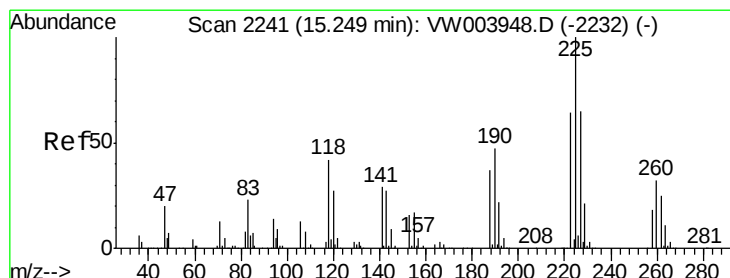
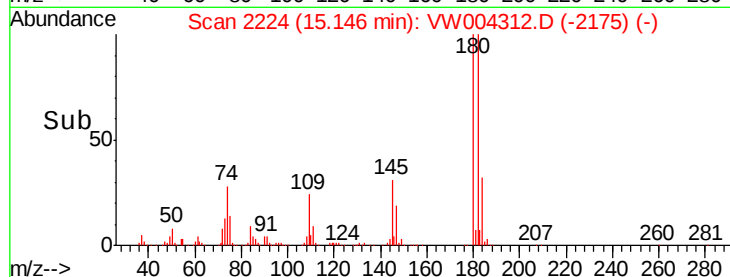
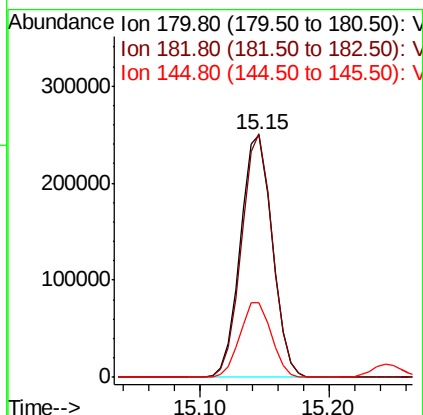
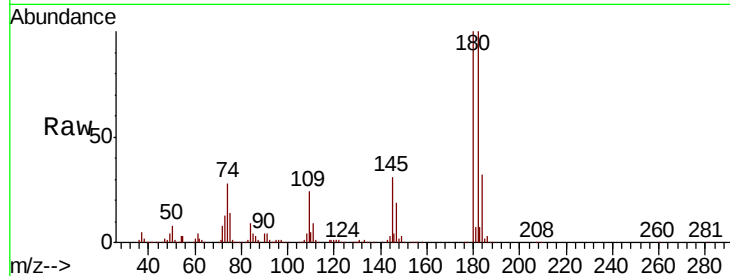




#93
 1,2,4-Trichlorobenzene
 Concen: 99.381 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

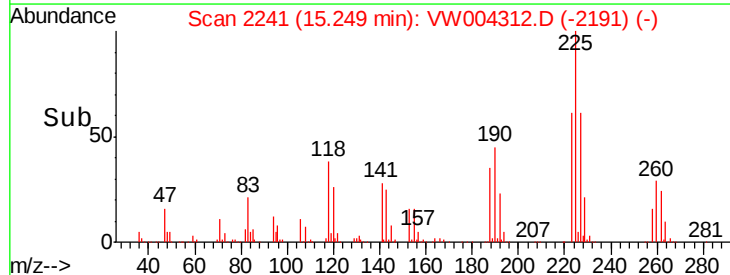
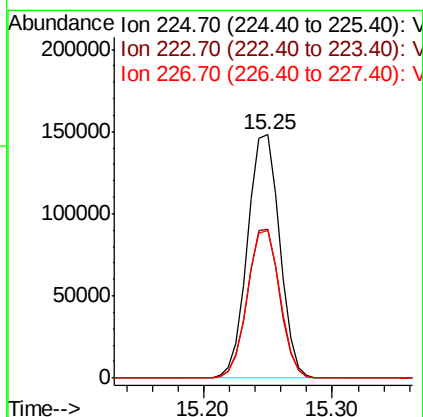
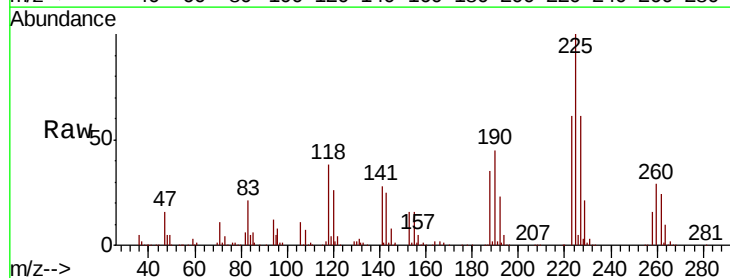
Instrument :
 MSVOA_W
 ClientSampleId :

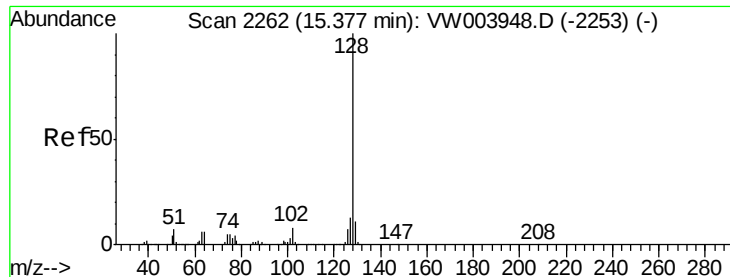
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.3	141.8
145	30.7	14.8	44.4



#94
 Hexachlorobutadiene
 Concen: 97.130 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004312.D
 Acq: 29 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.0	93.0
227	62.0	32.6	97.7

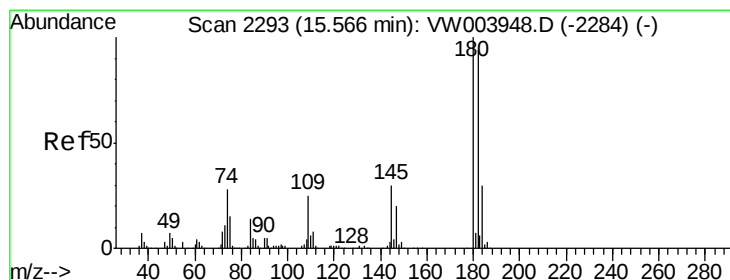
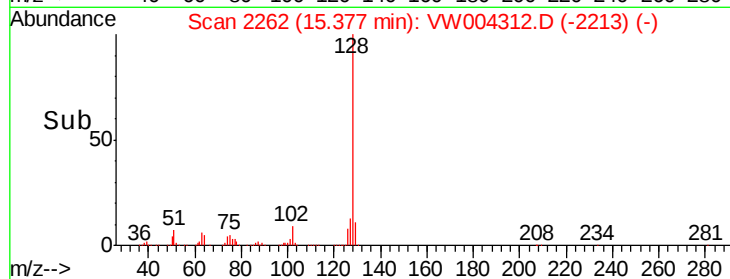
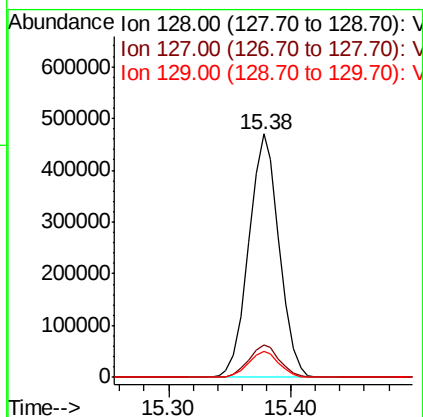
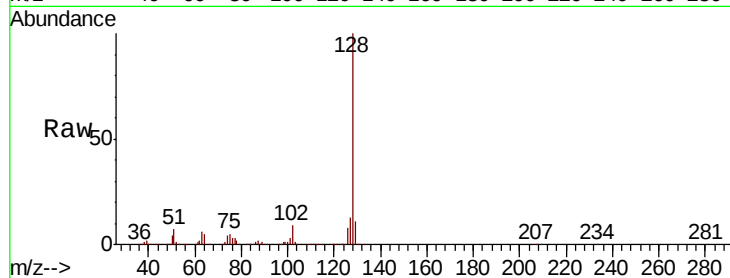




#95
Naphthalene
Concen: 110.146 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 811446
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 100.510 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004312.D
Acq: 29 Jul 2018 13:55

Tgt Ion:180 Resp: 376612
Ion Ratio Lower Upper
180 100
182 95.7 48.0 144.0
145 32.2 16.2 48.5

