

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007821.D
 Acq On : 22 Dec 2018 03:12
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 05:41:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53809	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	43522	56.74	ug/l	0.00
Spiked Amount			Recovery	=	113.48%	
35) Dibromofluoromethane	7.88	113	38685	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	
50) Toluene-d8	10.32	98	148884	54.83	ug/l	0.00
Spiked Amount			Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.62	95	58278	55.56	ug/l	0.00
Spiked Amount			Recovery	=	111.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	25656	41.242	ug/l	98
3) Chloromethane	2.21	50	24847	65.045	ug/l	95
4) Vinyl Chloride	2.37	62	28509	58.628	ug/l	98
5) Bromomethane	2.78	94	20539	60.643	ug/l	93
6) Chloroethane	2.93	64	16471	63.314	ug/l	100
7) Trichlorofluoromethane	3.25	101	21781	43.024	ug/l	96
8) Diethyl Ether	3.68	74	20161	65.018	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.05	101	35263	47.296	ug/l	99
10) Methyl Iodide	4.26	142	60987	51.436	ug/l	97
11) Tert butyl alcohol	5.17	59	16170	312.531	ug/l	99
12) 1,1-Dichloroethene	4.03	96	34544	50.034	ug/l	99
13) Acrolein	3.89	56	8495	205.351	ug/l	99
14) Allyl chloride	4.66	41	51724	57.130	ug/l	92
15) Acrylonitrile	5.36	53	41689	315.178	ug/l	99
16) Acetone	4.12	43	34728	241.798	ug/l	99
17) Carbon Disulfide	4.37	76	99330	46.492	ug/l	99
18) Methyl Acetate	4.67	43	24734	72.413	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	63025	63.586	ug/l	94
20) Methylene Chloride	4.91	84	39253	55.321	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	40259	53.020	ug/l	91
22) Diisopropyl ether	6.31	45	103600	61.111	ug/l	99
23) Vinyl Acetate	6.25	43	300880	298.724	ug/l	96
24) 1,1-Dichloroethane	6.21	63	69612	55.817	ug/l	99
25) 2-Butanone	7.17	43	50222	298.539	ug/l	98
26) 2,2-Dichloropropane	7.17	77	41337	45.295	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	45652	56.432	ug/l	97
28) Bromochloromethane	7.51	49	25435	59.816	ug/l	96
29) Tetrahydrofuran	7.52	42	33621	335.057	ug/l	97
30) Chloroform	7.68	83	76340	54.089	ug/l	96
31) Cyclohexane	7.95	56	56483	49.471	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	63170	49.143	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55789	48.959	ug/l	99
37) Ethyl Acetate	7.25	43	23621	60.064	ug/l	98
38) Carbon Tetrachloride	8.07	117	57499	42.846	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68968	48.707	ug/l	98
40) Benzene	8.32	78	158167	52.016	ug/l	100
41) Methacrylonitrile	7.48	41	14285	63.979	ug/l	93
42) 1,2-Dichloroethane	8.40	62	52884	51.897	ug/l	99
43) Isopropyl Acetate	8.43	43	48462	61.509	ug/l	96
44) Trichloroethene	9.09	130	46327	50.379	ug/l	99
45) 1,2-Dichloropropane	9.37	63	37565	55.675	ug/l	97
46) Dibromomethane	9.46	93	22035	53.053	ug/l	99
47) Bromodichloromethane	9.64	83	54881	50.262	ug/l	98
48) Methyl methacrylate	9.43	41	24458	62.191	ug/l	98
49) 1,4-Dioxane	9.45	88	8123	1233.566	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	113595	305.076	ug/l	99
52) Toluene	10.39	92	106969	52.432	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	58075	53.473	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	62833	52.377	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31823	55.578	ug/l	97
56) Ethyl methacrylate	10.65	69	41582	61.466	ug/l	97
57) 1,3-Dichloropropane	10.93	76	53535	56.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	104931	339.722	ug/l	98
59) 2-Hexanone	10.97	43	80070	305.771	ug/l	99
60) Dibromochloromethane	11.13	129	37523	49.494	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31776	54.802	ug/l	100
64) Tetrachloroethene	10.86	164	40549	52.759	ug/l	98
65) Chlorobenzene	11.66	112	119059	50.681	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	42214	50.291	ug/l	98
67) Ethyl Benzene	11.73	91	207079	51.369	ug/l	99
68) m/p-Xylenes	11.84	106	158831	101.570	ug/l	99
69) o-Xylene	12.17	106	76875	52.445	ug/l	100
70) Styrene	12.18	104	128598	53.371	ug/l	99
71) Bromoform	12.35	173	20572	47.210	ug/l #	98
73) Isopropylbenzene	12.47	105	213939	52.599	ug/l	100
74) N-amyl acetate	12.27	43	43905	62.318	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	35512	58.232	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	47793	114.917	ug/l #	100
77) Bromobenzene	12.75	156	49567	53.176	ug/l	96
78) n-propylbenzene	12.80	91	244553	51.652	ug/l	99
79) 2-Chlorotoluene	12.90	91	145870	52.886	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	184273	52.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10295	51.960	ug/l	99
82) 4-Chlorotoluene	12.99	91	155725	53.025	ug/l	99
83) tert-Butylbenzene	13.21	119	161105	52.335	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	189269	53.463	ug/l	99
85) sec-Butylbenzene	13.39	105	220159	51.894	ug/l	99
86) p-Isopropyltoluene	13.50	119	198707	51.508	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	95794	51.760	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	97466	52.648	ug/l	100
89) n-Butylbenzene	13.83	91	180238	50.956	ug/l	99
90) Hexachloroethane	14.10	117	30964	45.719	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	88011	53.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6535	52.181	ug/l	94

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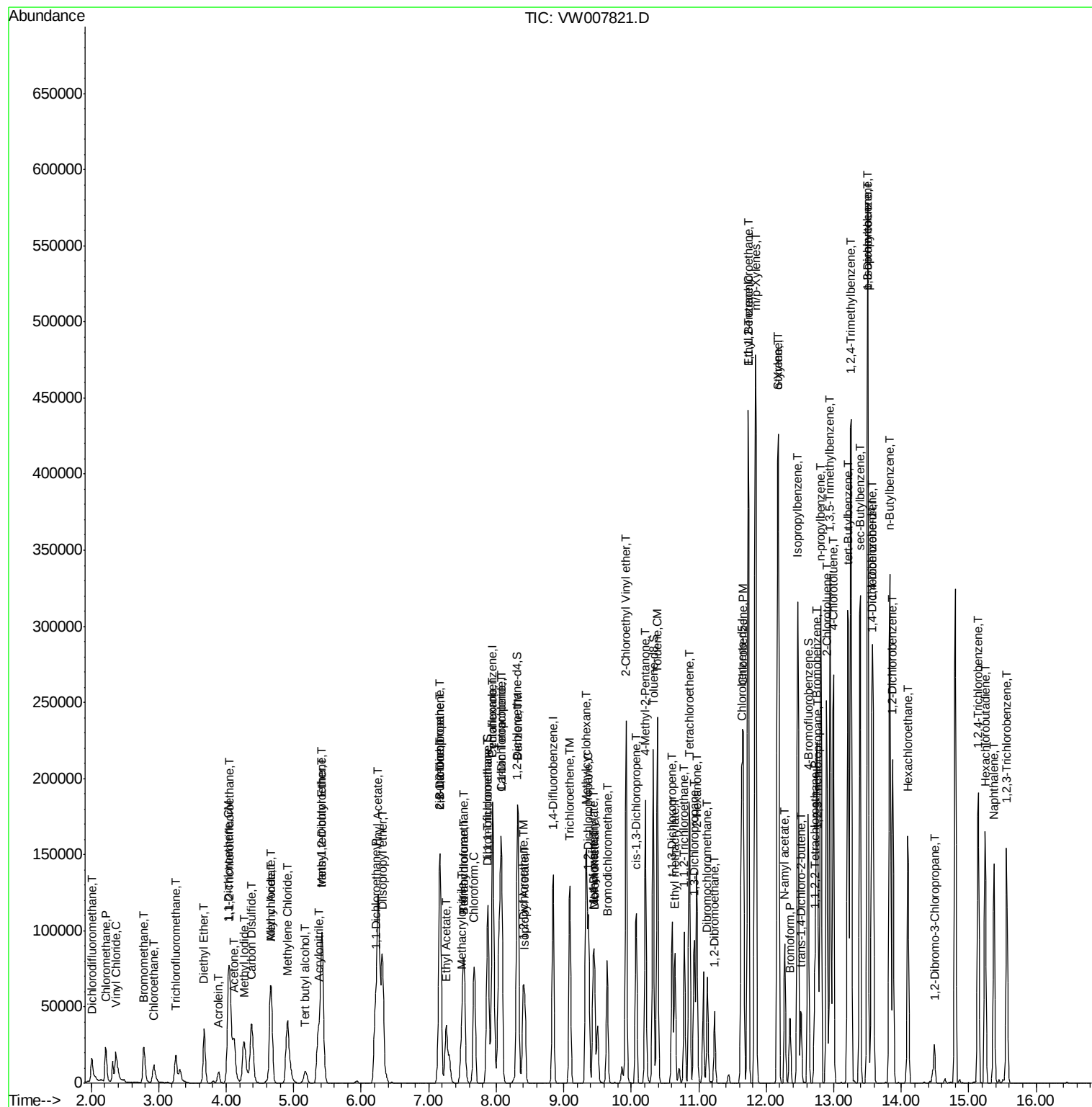
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	60441	52.547	ug/l	99
94) Hexachlorobutadiene	15.24	225	30504	49.624	ug/l	99
95) Naphthalene	15.37	128	126765	59.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	52984	53.813	ug/l	100

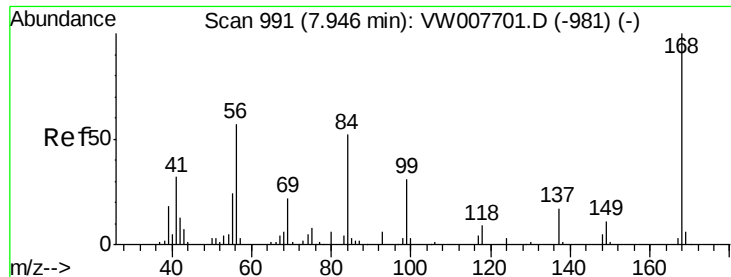
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

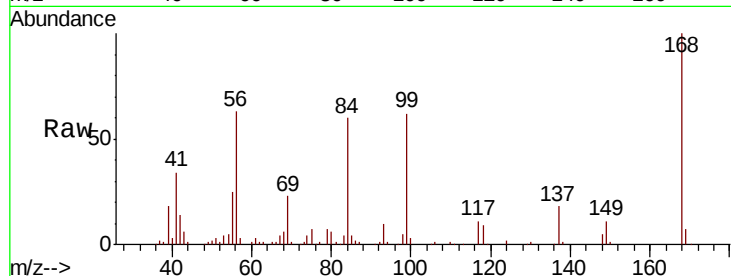
ClientSampleId :

Tot Ion:168 Resp: 69977

Ion Ratio Lower Upper

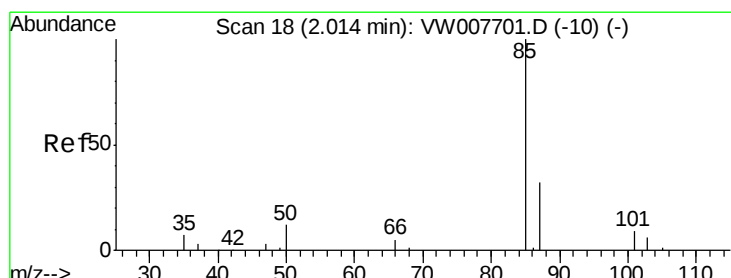
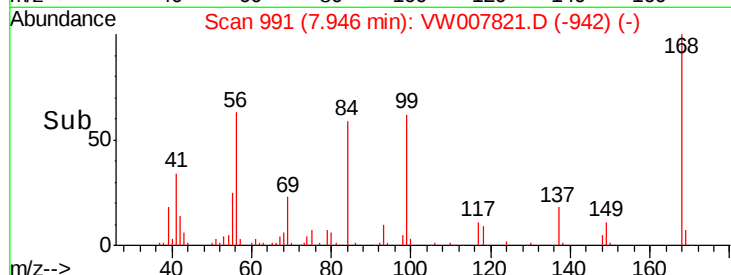
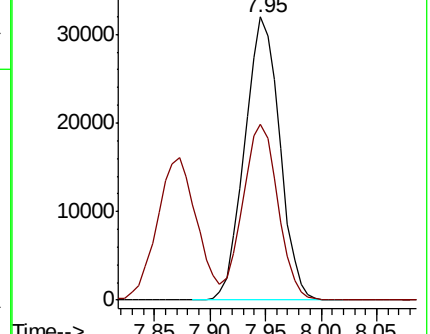
168 100

99 62.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 41.242 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007821.D

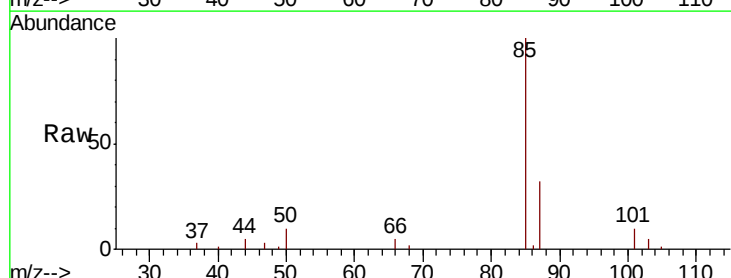
Acq: 22 Dec 2018 03:12

Tgt Ion: 85 Resp: 25656

Ion Ratio Lower Upper

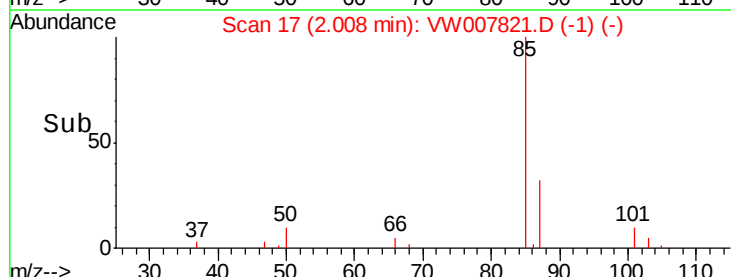
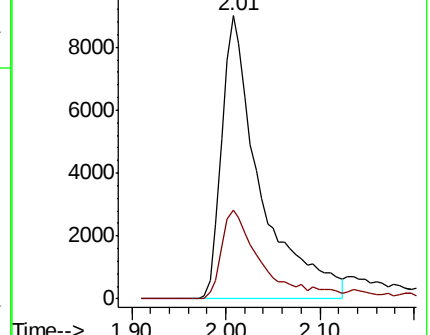
85 100

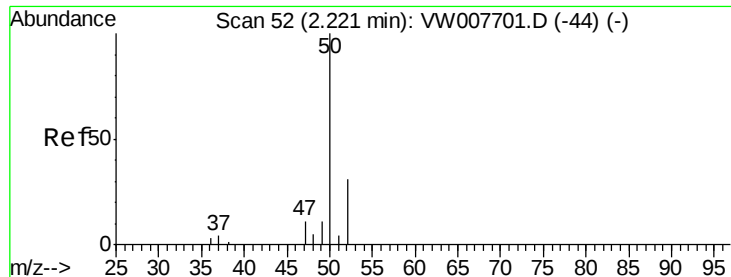
87 31.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 65.045 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

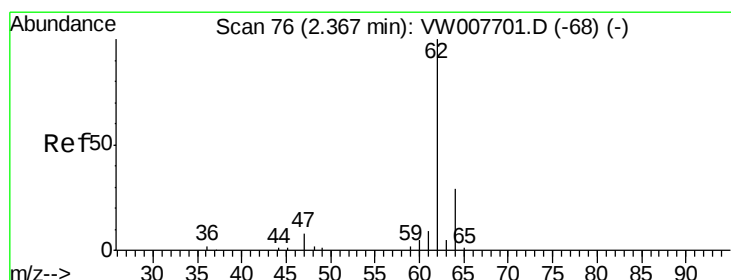
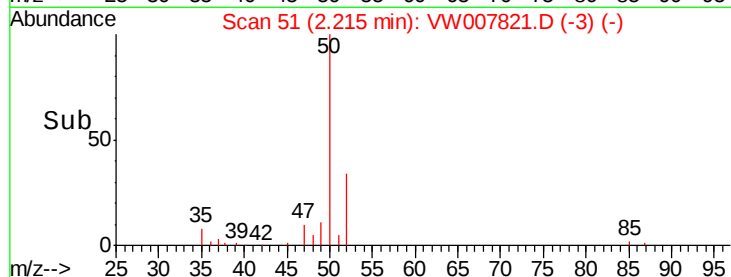
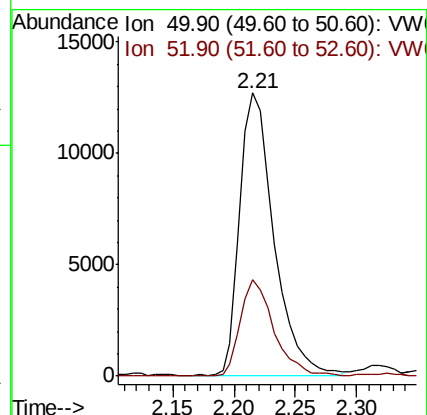
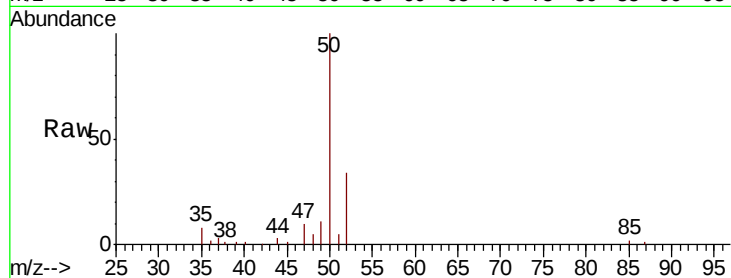
ClientSampleId :

Tot Ion: 50 Resp: 24847

Ion Ratio Lower Upper

50 100

52 34.1 25.1 37.7



#4

Vinyl Chloride

Concen: 58.628 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007821.D

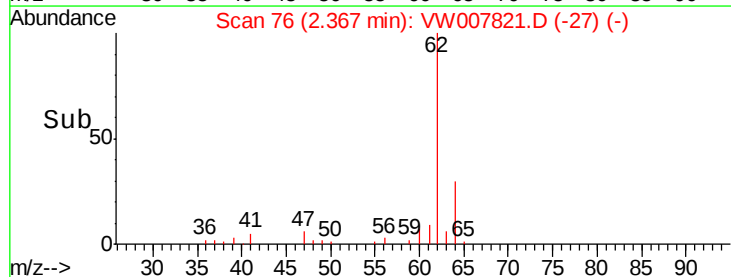
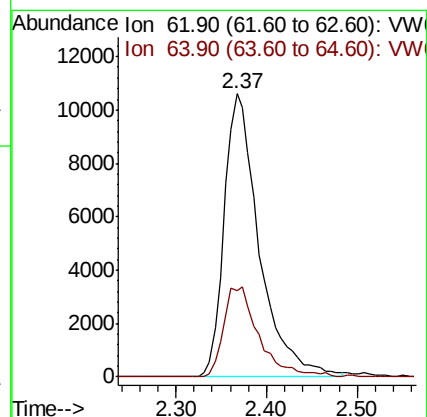
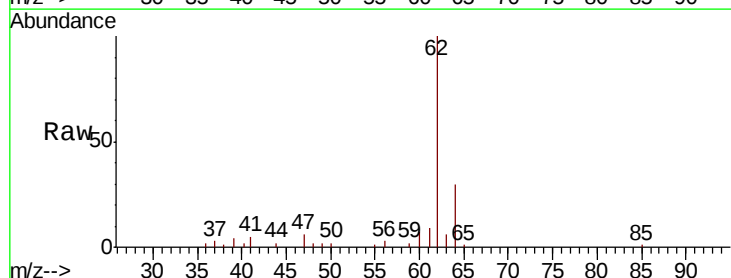
Acq: 22 Dec 2018 03:12

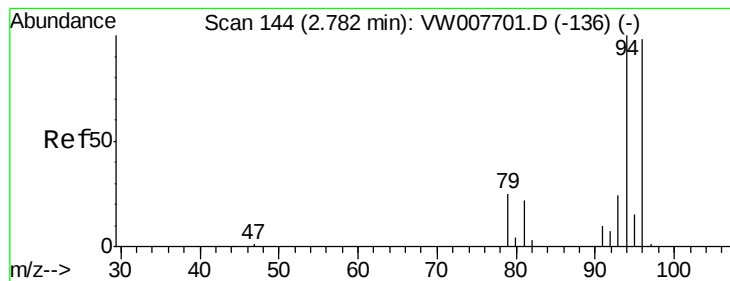
Tgt Ion: 62 Resp: 28509

Ion Ratio Lower Upper

62 100

64 30.4 23.4 35.0





#5

Bromomethane

Concen: 60.643 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

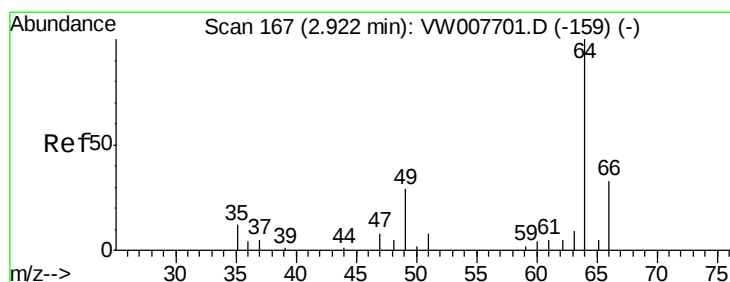
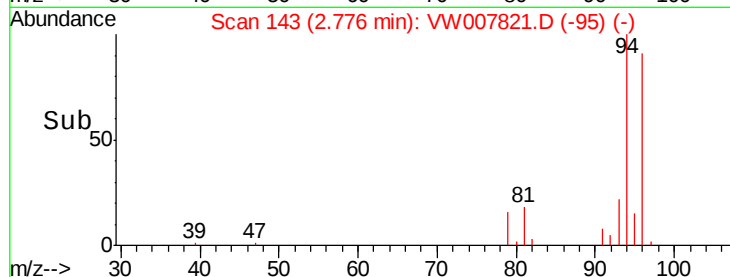
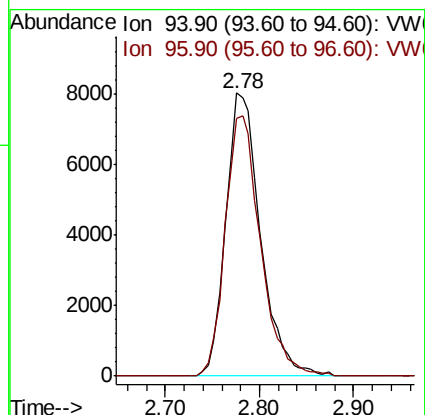
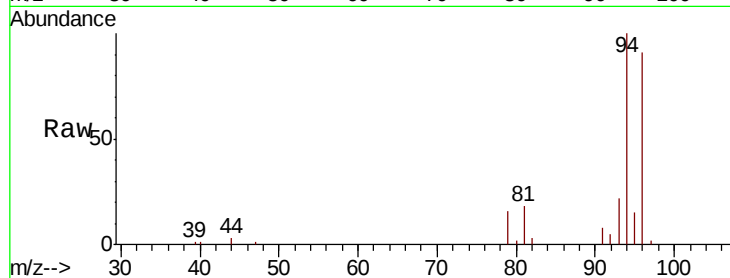
ClientSampleId :

Tot Ion: 94 Resp: 20539

Ion Ratio Lower Upper

94 100

96 91.0 78.2 117.2



#6

Chloroethane

Concen: 63.314 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007821.D

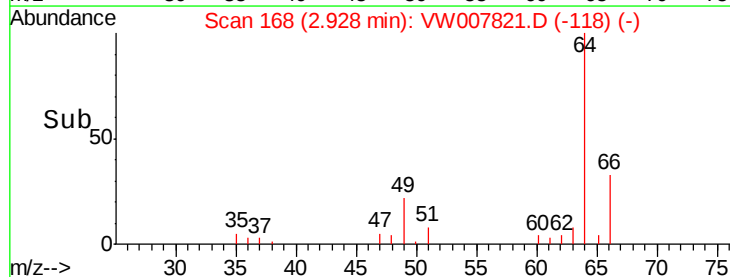
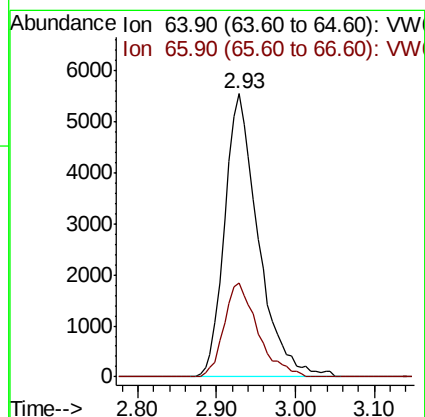
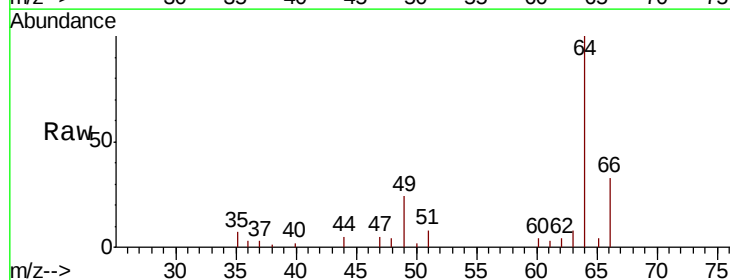
Acq: 22 Dec 2018 03:12

Tgt Ion: 64 Resp: 16471

Ion Ratio Lower Upper

64 100

66 33.0 26.2 39.4



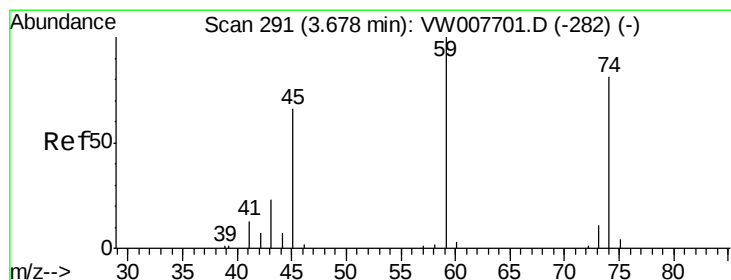
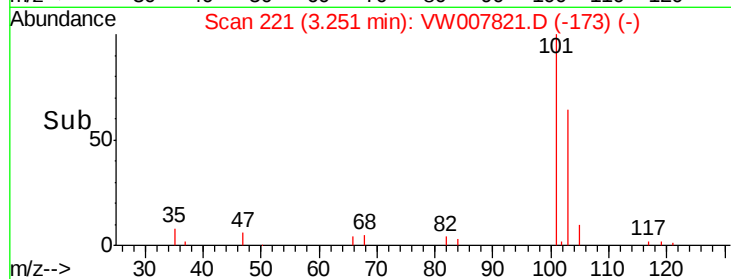
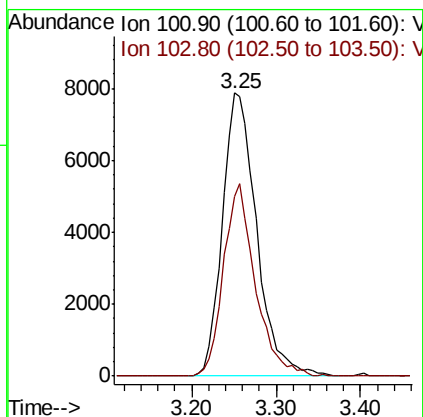
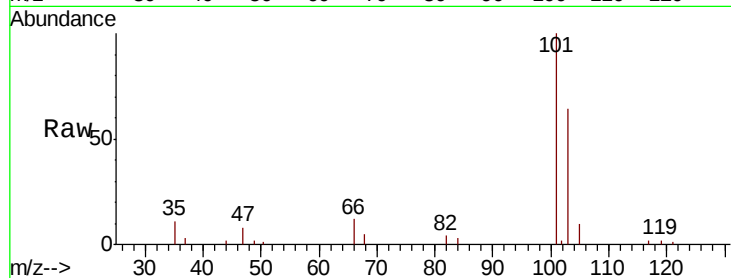


#7

Trichlorofluoromethane
 Concen: 43.024 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Instrument :
 MSVOA_W
 ClientSampleId :

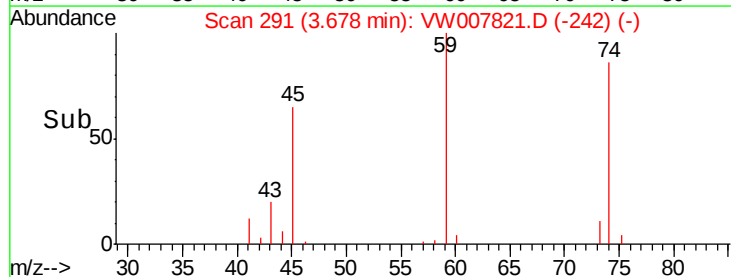
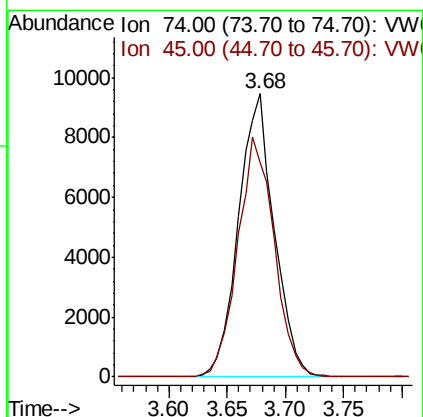
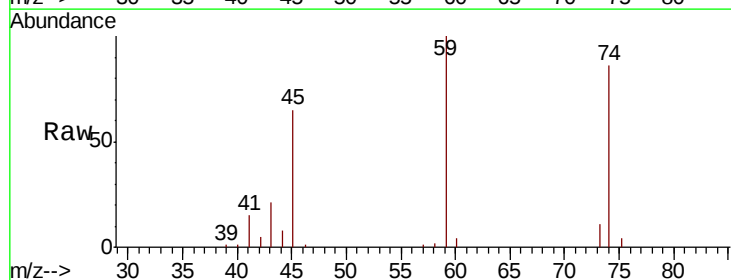
Tot Ion:101 Resp: 21781
 Ion Ratio Lower Upper
 101 100
 103 63.7 53.4 80.2

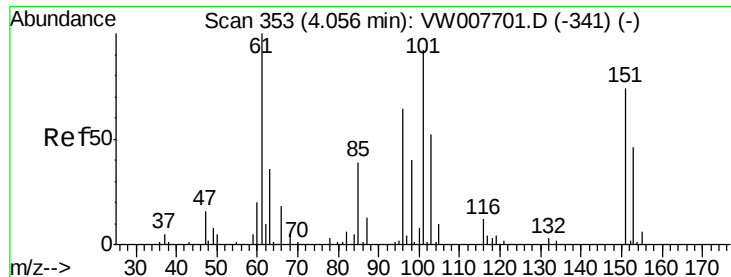


#8

Diethyl Ether
 Concen: 65.018 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion: 74 Resp: 20161
 Ion Ratio Lower Upper
 74 100
 45 86.6 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.296 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

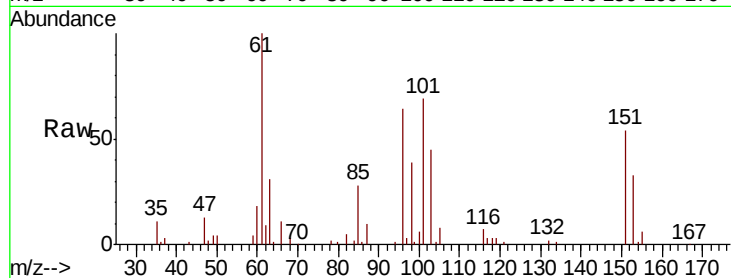
Tot Ion:101 Resp: 35263

Ion Ratio Lower Upper

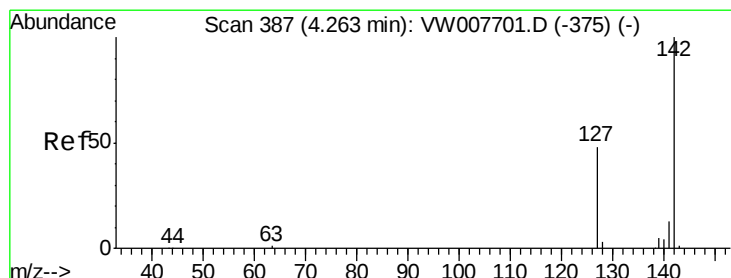
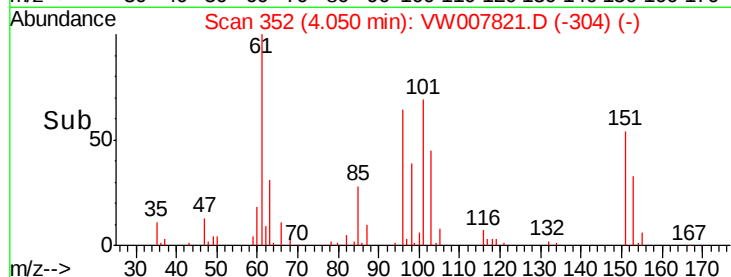
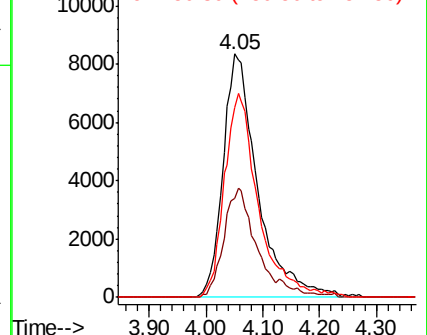
101 100

85 44.0 34.3 51.5

151 81.7 64.6 96.8



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: 51.436 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

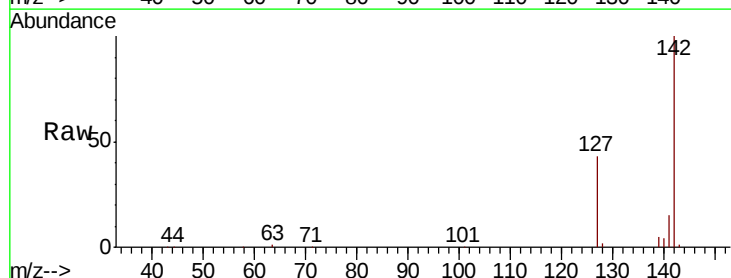
Tgt Ion:142 Resp: 60987

Ion Ratio Lower Upper

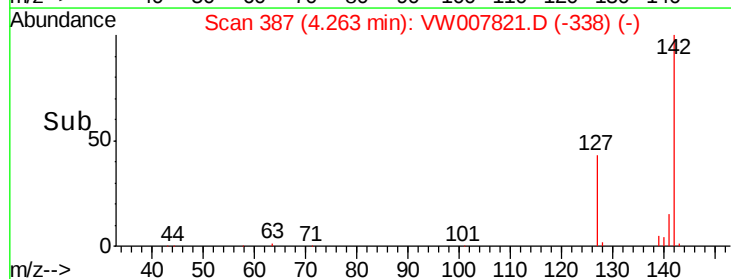
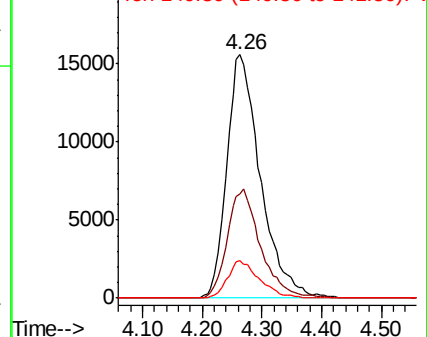
142 100

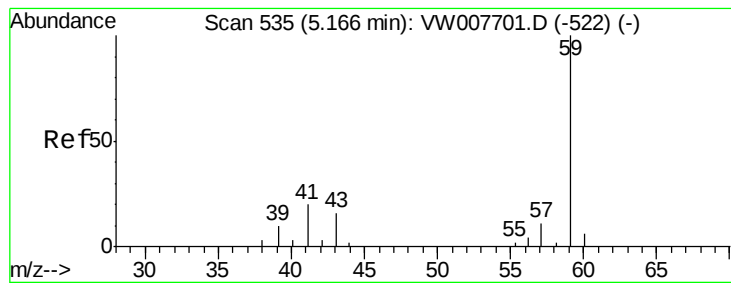
127 44.2 37.7 56.5

141 14.7 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



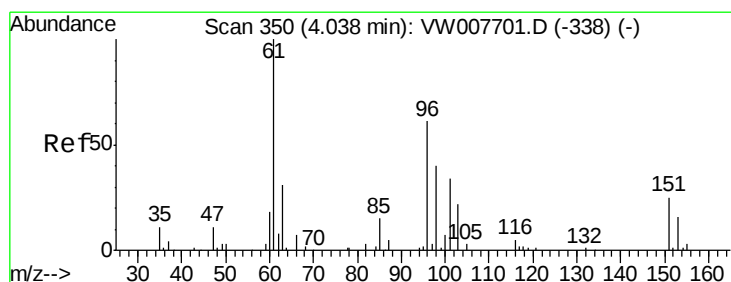
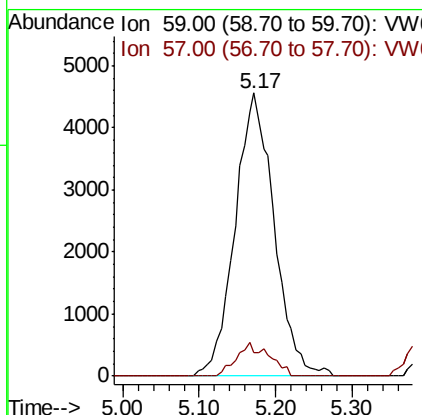
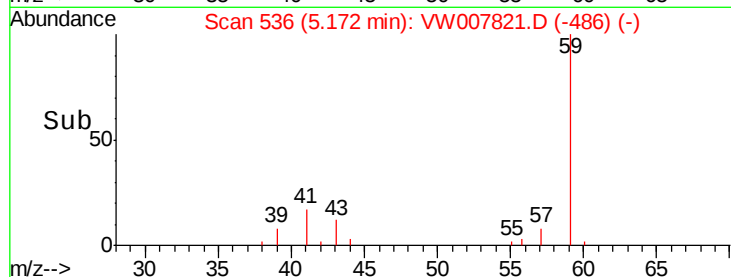
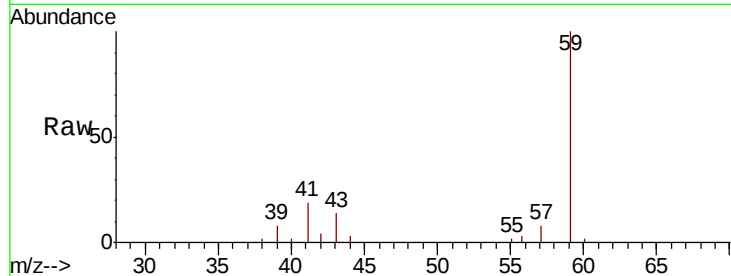


#11

Tert butyl alcohol
 Concen: 312.531 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Instrument :
 MSVOA_W
 ClientSampleId :

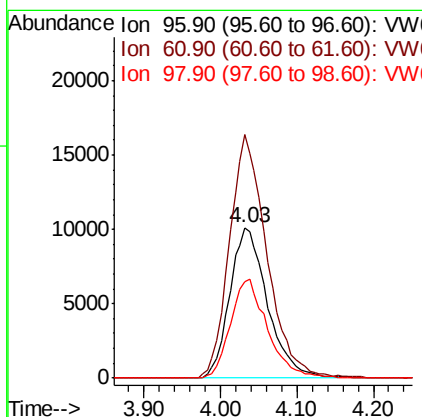
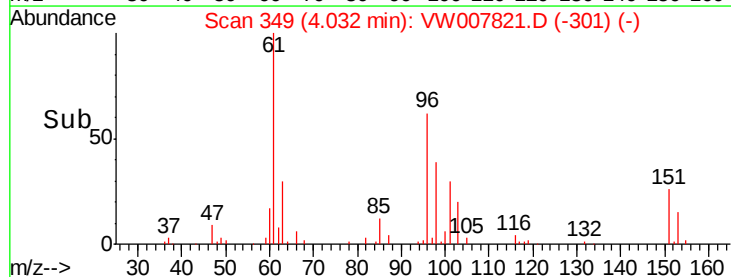
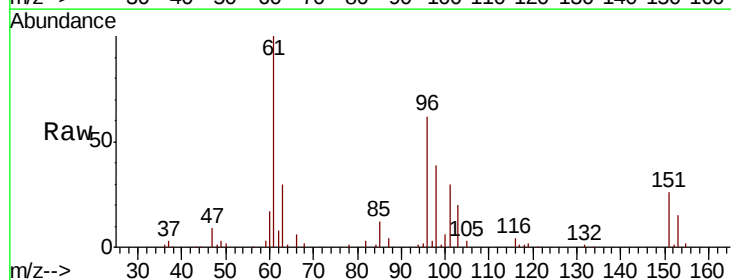
Tot Ion: 59 Resp: 16170
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8

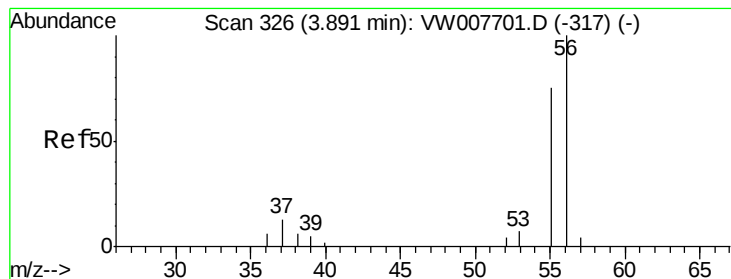


#12

1,1-Dichloroethene
 Concen: 50.034 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion: 96 Resp: 34544
 Ion Ratio Lower Upper
 96 100
 61 161.8 130.6 195.8
 98 63.9 52.3 78.5





#13

Acrolein

Concen: 205.351 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

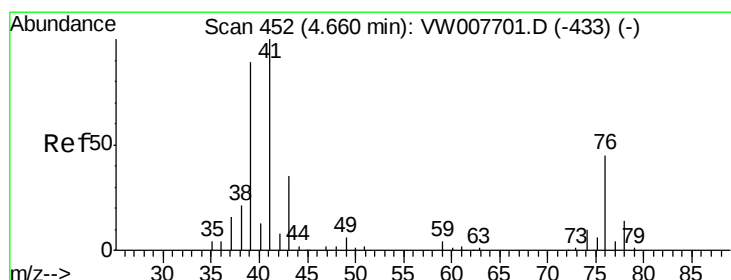
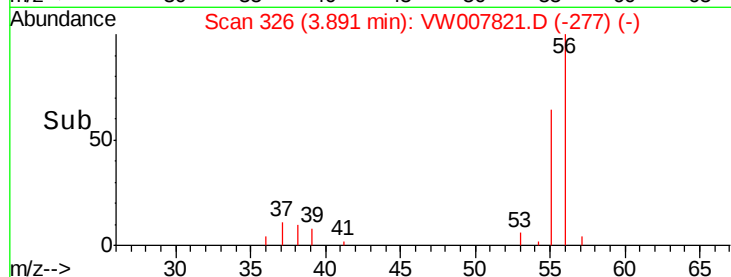
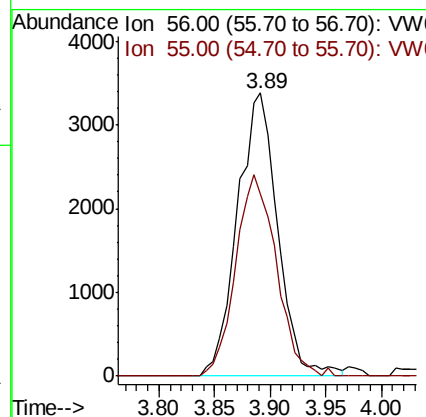
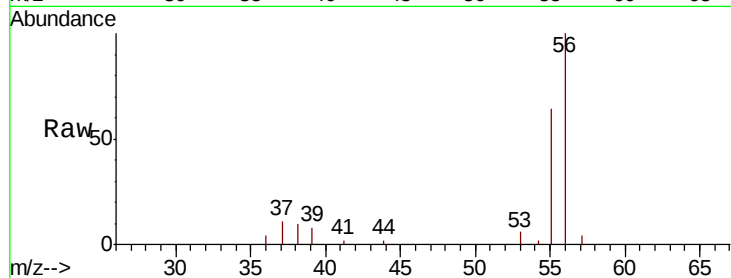
ClientSampleId :

Tot Ion: 56 Resp: 8495

Ion Ratio Lower Upper

56 100

55 71.5 57.7 86.5



#14

Allyl chloride

Concen: 57.130 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

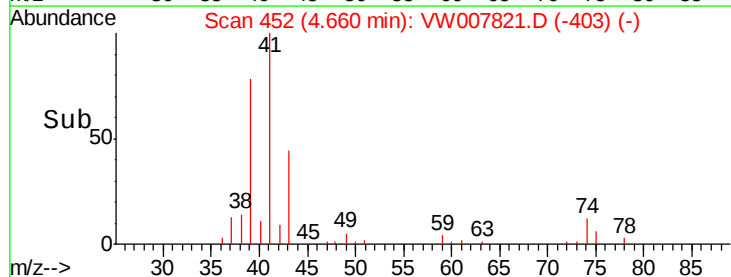
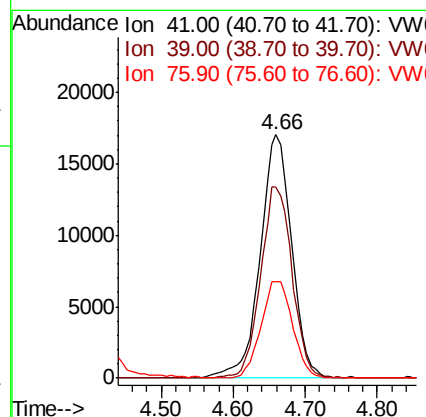
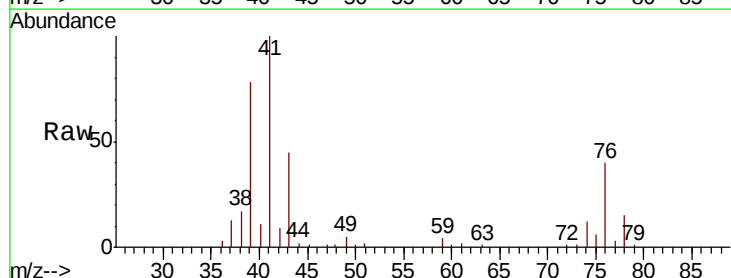
Tgt Ion: 41 Resp: 51724

Ion Ratio Lower Upper

41 100

39 78.6 69.5 104.3

76 39.9 34.8 52.2





#15

Acrylonitrile

Concen: 315.178 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

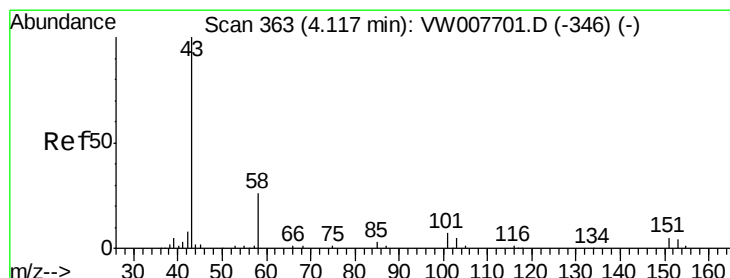
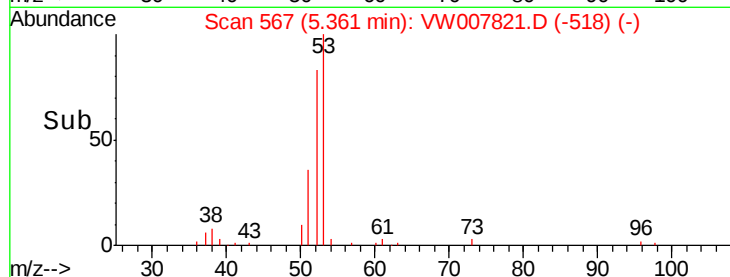
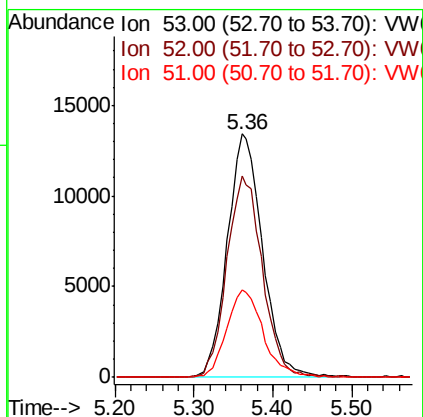
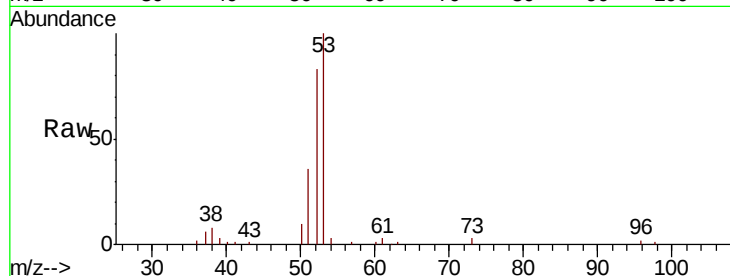
Tot Ion: 53 Resp: 41689

Ion Ratio Lower Upper

53 100

52 82.9 67.0 100.4

51 37.1 30.2 45.2



#16

Acetone

Concen: 241.798 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007821.D

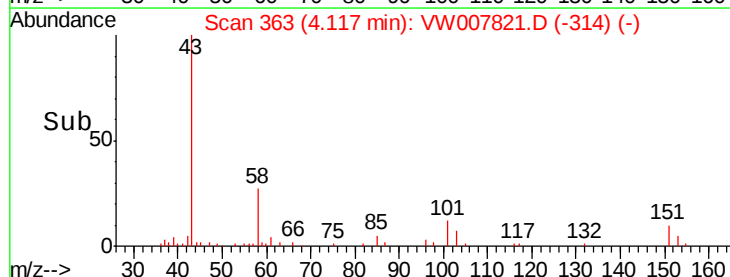
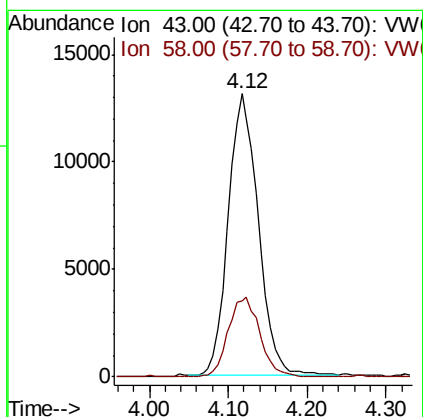
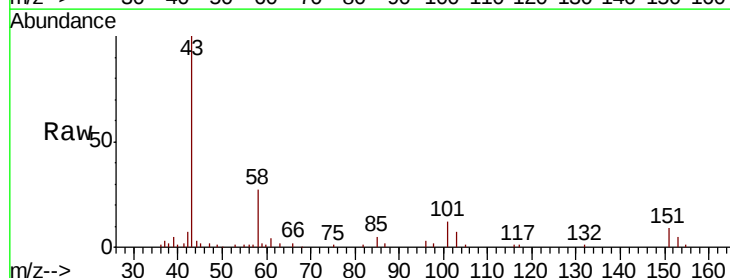
Acq: 22 Dec 2018 03:12

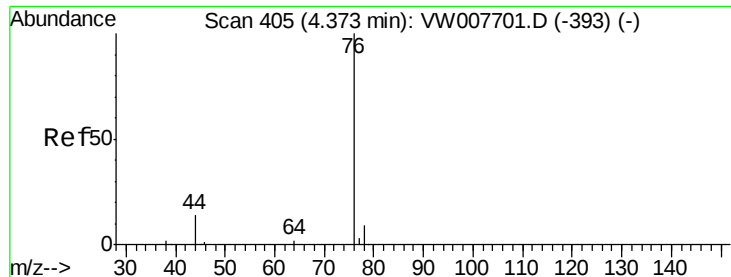
Tgt Ion: 43 Resp: 34728

Ion Ratio Lower Upper

43 100

58 27.2 21.2 31.8

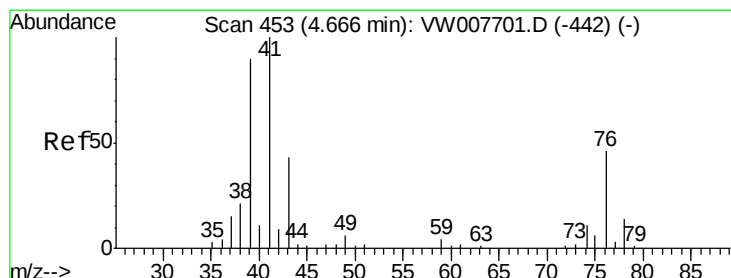
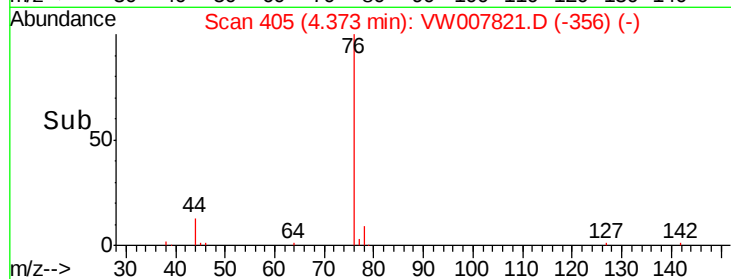
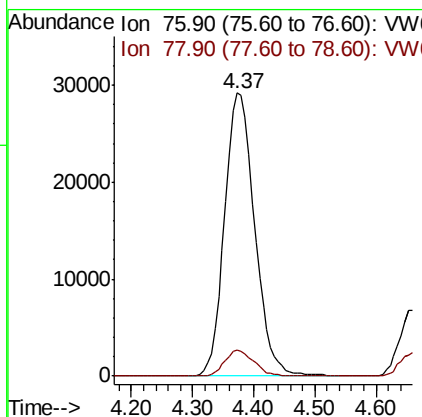
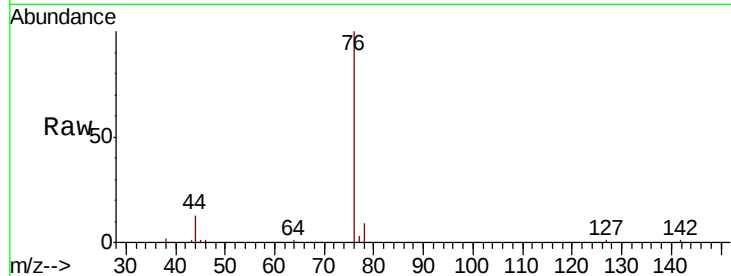




#17
Carbon Disulfide
Concen: 46.492 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

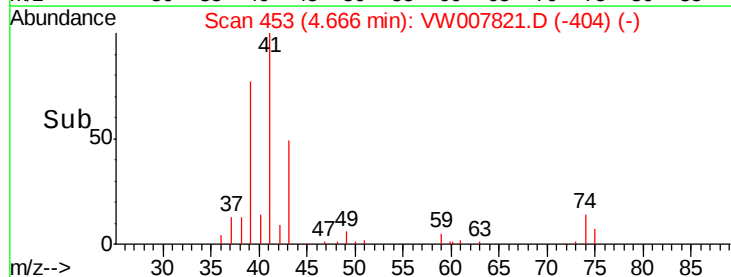
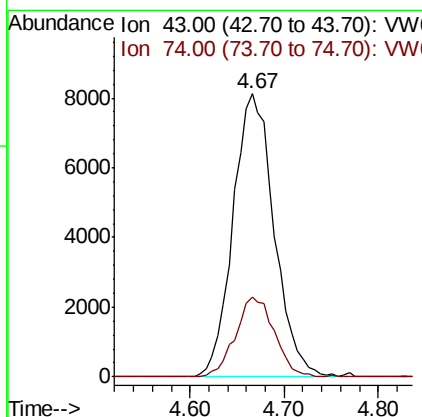
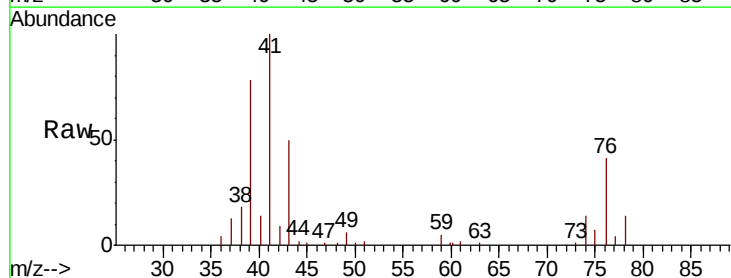
Instrument :
MSVOA_W
ClientSampleId :

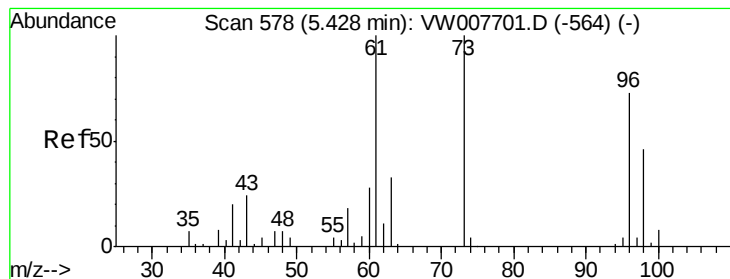
Tot Ion: 76 Resp: 99330
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 72.413 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 43 Resp: 24734
Ion Ratio Lower Upper
43 100
74 26.6 22.7 34.1



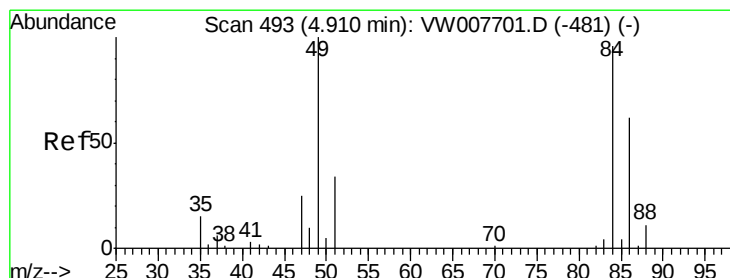
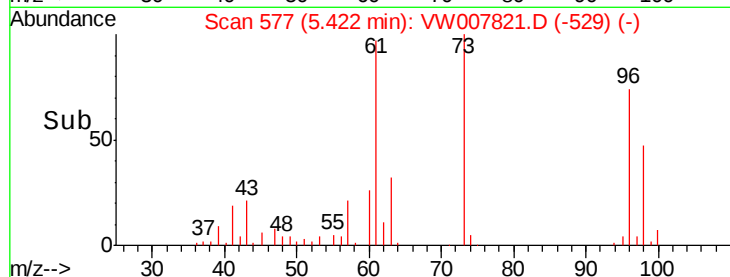
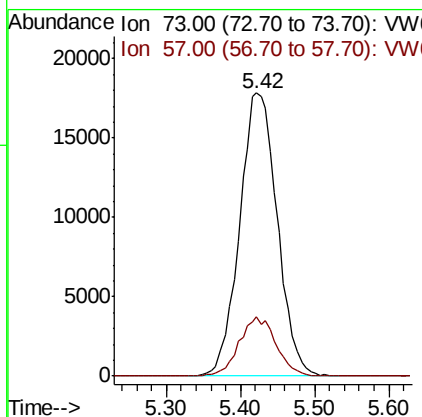
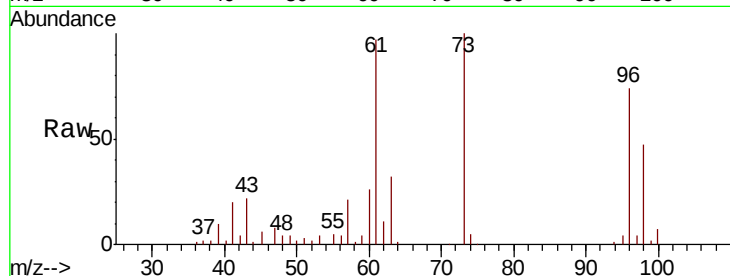


#19

Methvl tert-butvl Ether
 Concen: 63.586 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Instrument :
 MSVOA_W
 ClientSampleId :

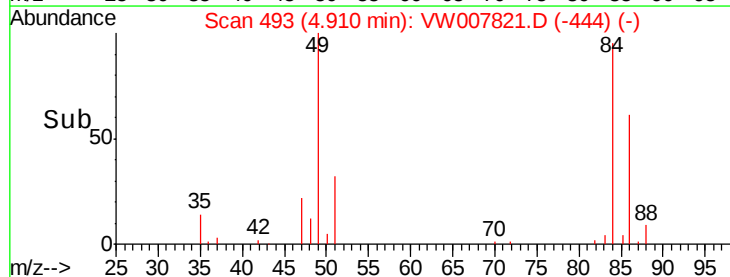
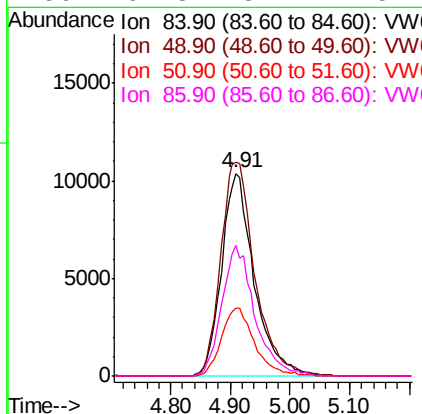
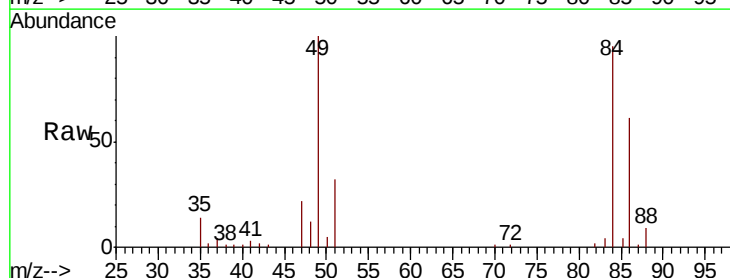
Tot Ion: 73 Resp: 63025
 Ion Ratio Lower Upper
 73 100
 57 21.1 14.7 22.1

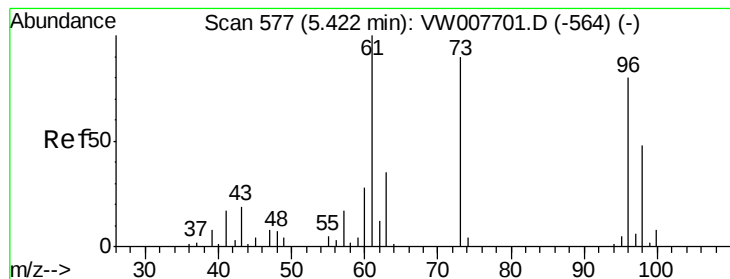


#20

Methylene Chloride
 Concen: 55.321 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion: 84 Resp: 39253
 Ion Ratio Lower Upper
 84 100
 49 105.6 83.7 125.5
 51 33.8 28.2 42.2
 86 64.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 53.020 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

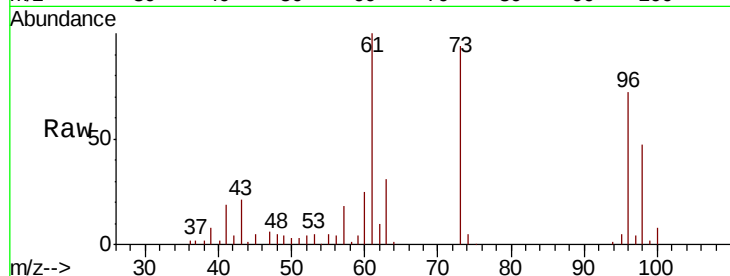
Tot Ion: 96 Resp: 40259

Ion Ratio Lower Upper

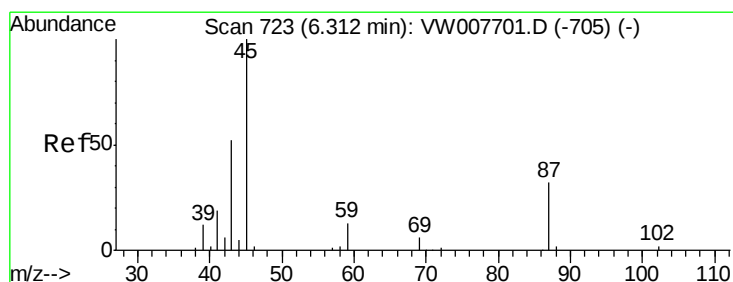
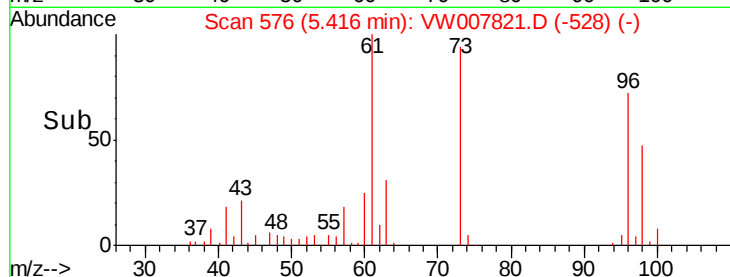
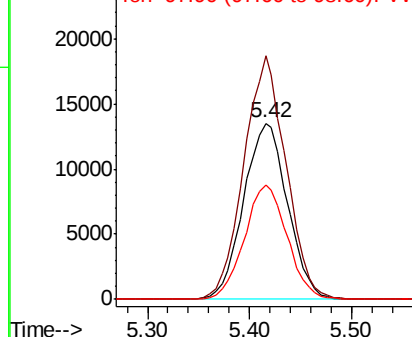
96 100

61 138.1 100.1 150.1

98 64.7 48.5 72.7



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: 61.111 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Tgt Ion: 45 Resp: 103600

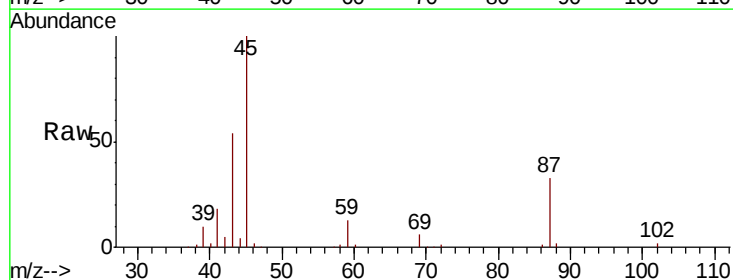
Ion Ratio Lower Upper

45 100

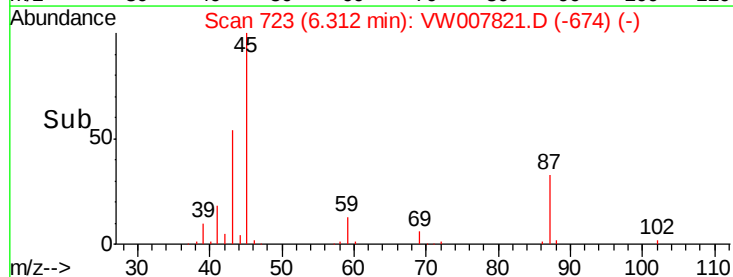
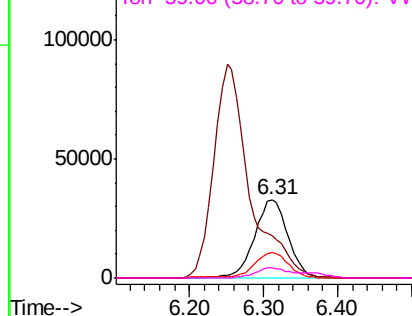
43 53.5 43.7 65.5

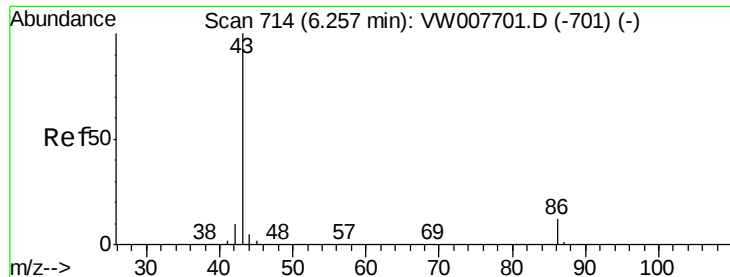
87 32.8 26.6 40.0

59 12.8 10.2 15.2



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: 298.724 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

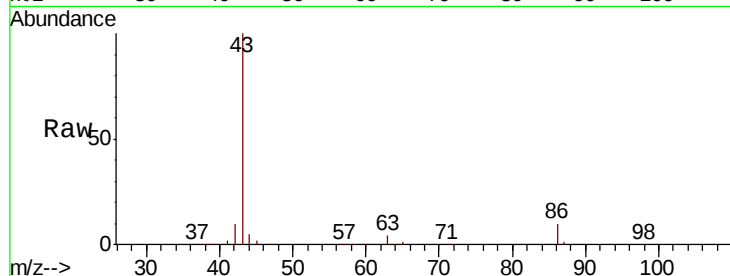
ClientSampled :

Tot Ion: 43 Resp: 300880

Ion Ratio Lower Upper

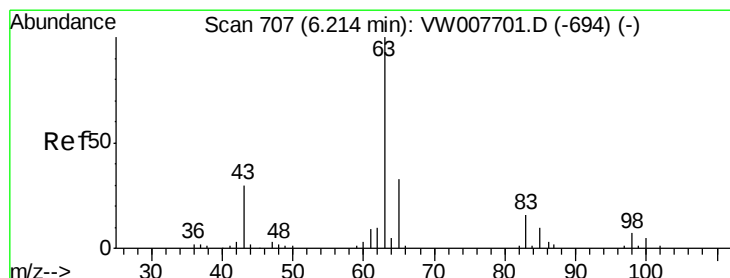
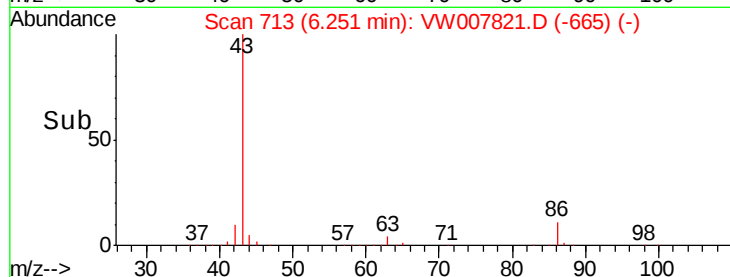
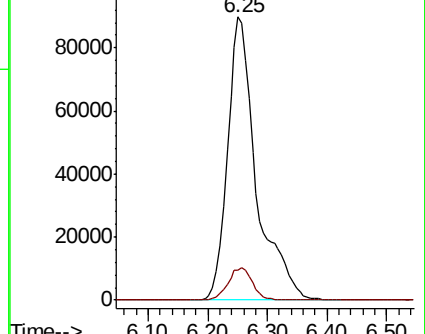
43 100

86 10.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 55.817 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

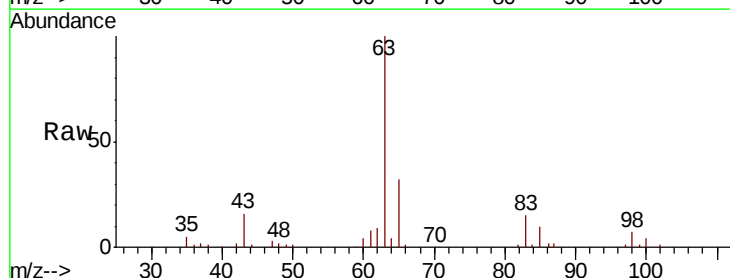
Tgt Ion: 63 Resp: 69612

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

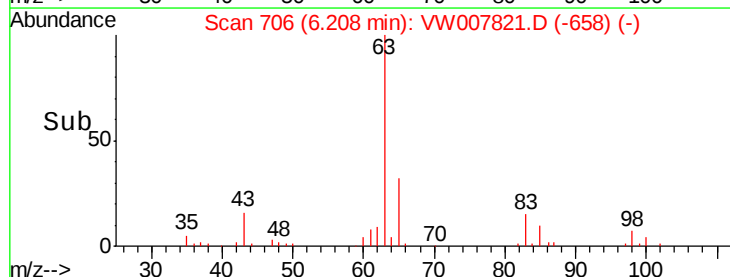
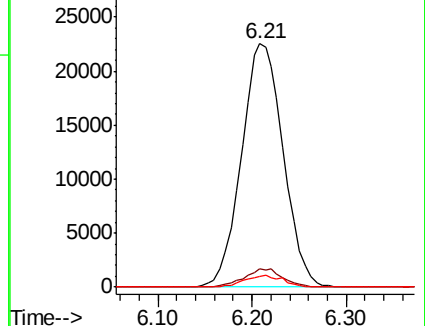
100 4.3 2.5 7.5

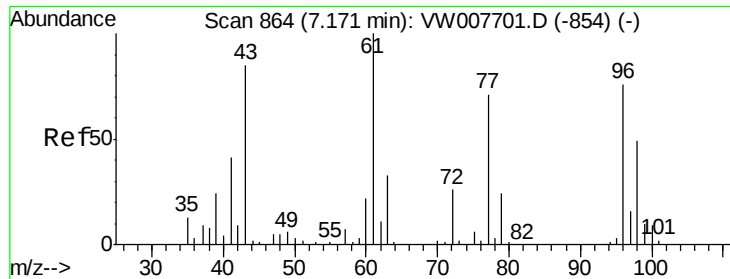


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

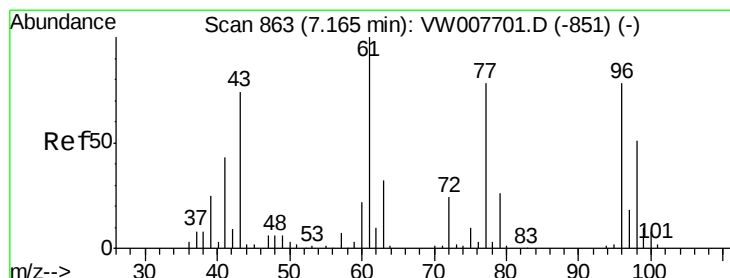
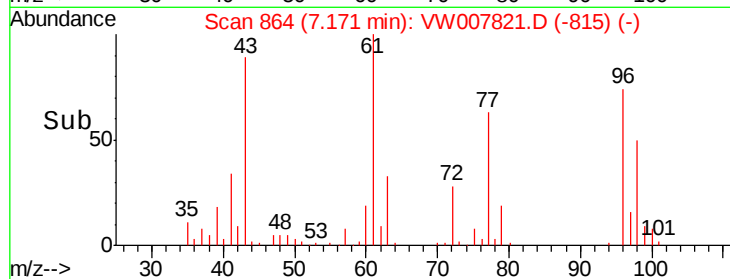
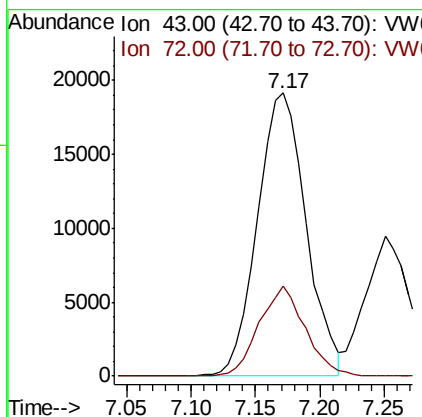
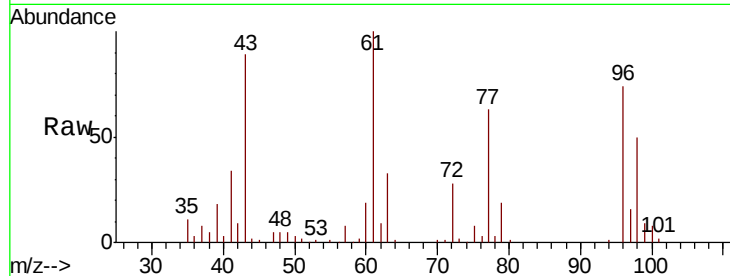




#25
2-Butanone
Concen: 298.539 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

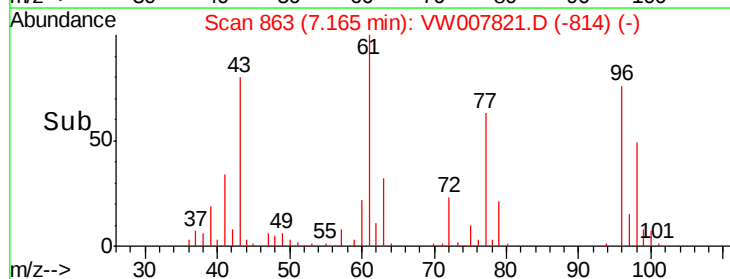
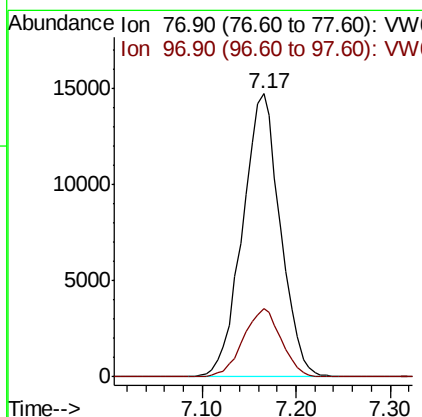
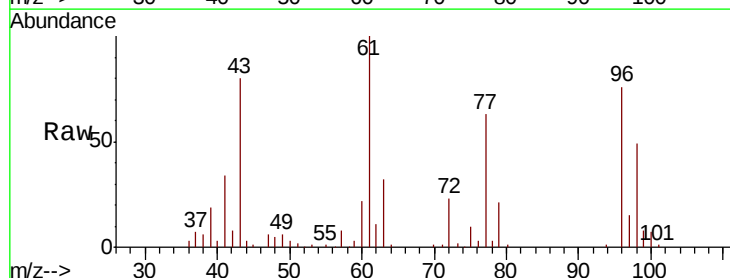
Instrument :
MSVOA_W
ClientSampled :

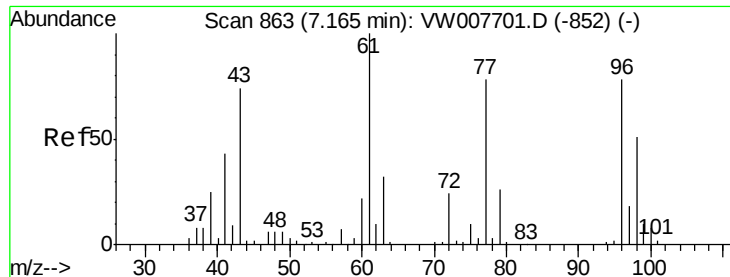
Tot Ion: 43 Resp: 50222
Ion Ratio Lower Upper
43 100
72 31.6 24.5 36.7



#26
2,2-Dichloropropane
Concen: 45.295 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 77 Resp: 41337
Ion Ratio Lower Upper
77 100
97 24.1 11.3 33.9



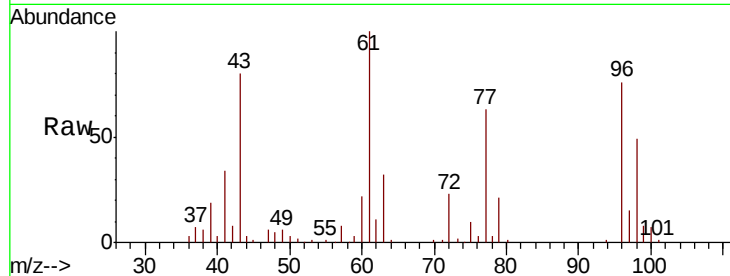


#27

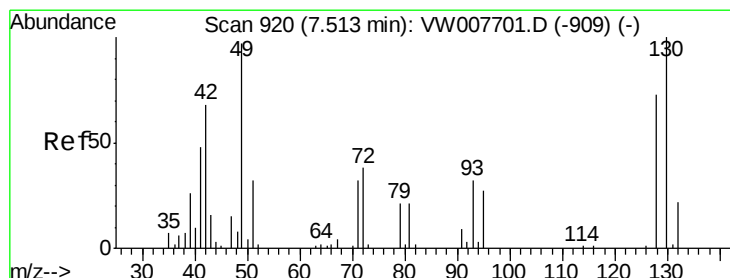
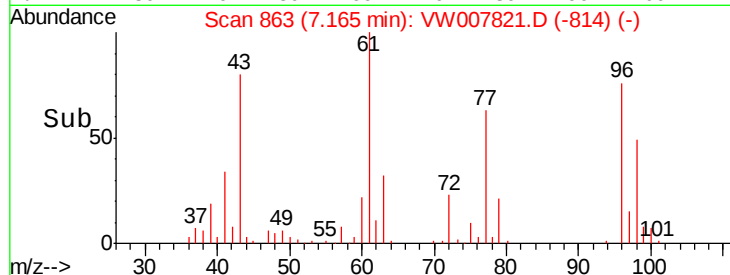
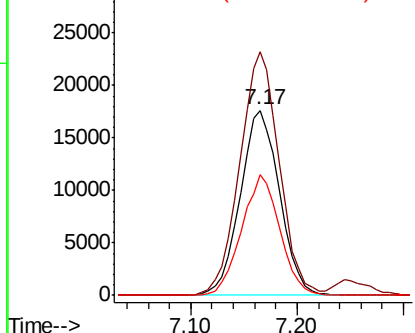
cis-1,2-Dichloroethene
Concen: 56.432 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 45652
Ion Ratio Lower Upper
96 100
61 131.6 0.0 271.6
98 63.3 0.0 131.2



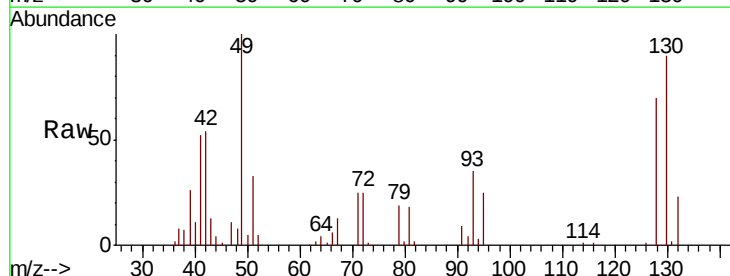
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



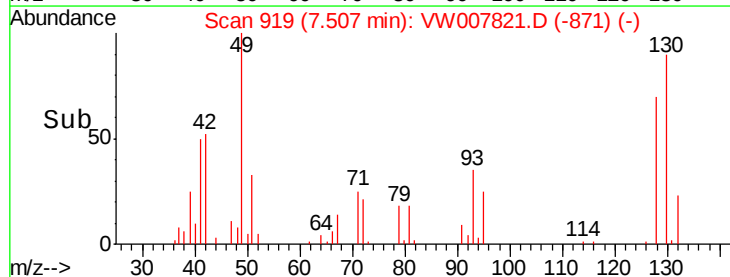
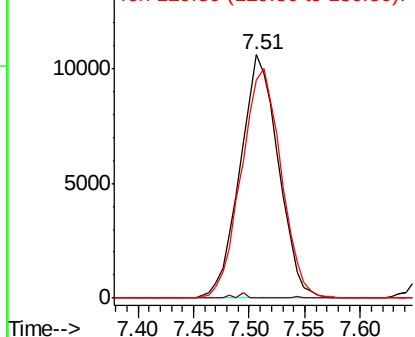
#28

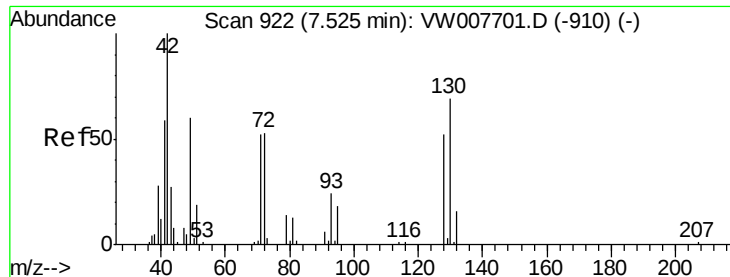
Bromochloromethane
Concen: 59.816 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 49 Resp: 25435
Ion Ratio Lower Upper
49 100
129 0.5 0.0 2.2
130 97.8 81.5 122.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

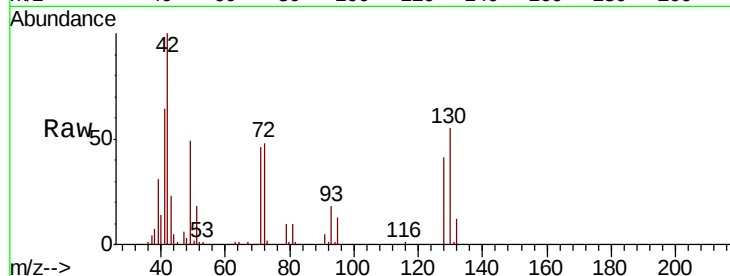




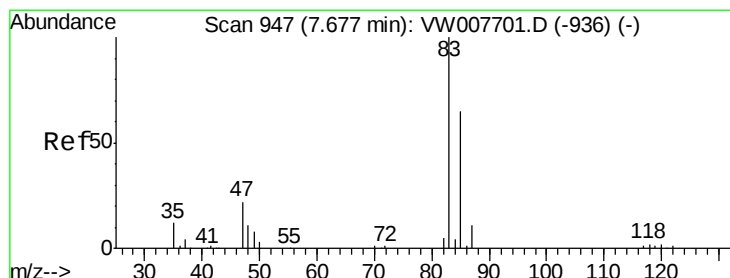
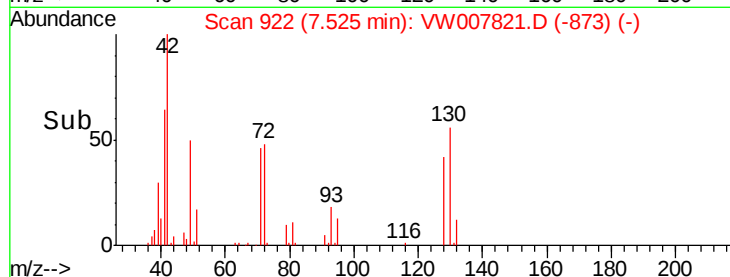
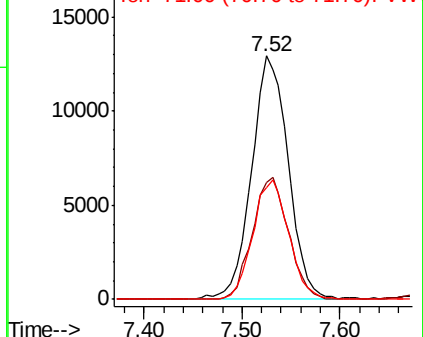
#29
Tetrahydrofuran
Concen: 335.057 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 33621
Ion Ratio Lower Upper
42 100
72 49.2 41.7 62.5
71 48.0 39.0 58.6

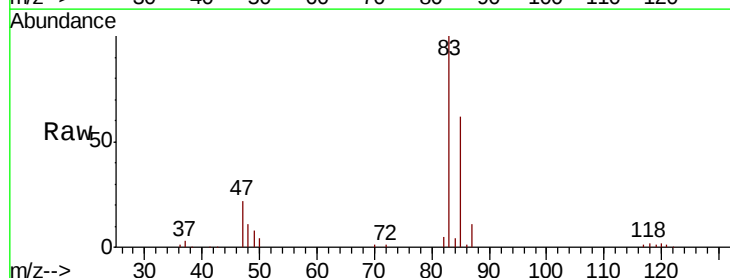


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

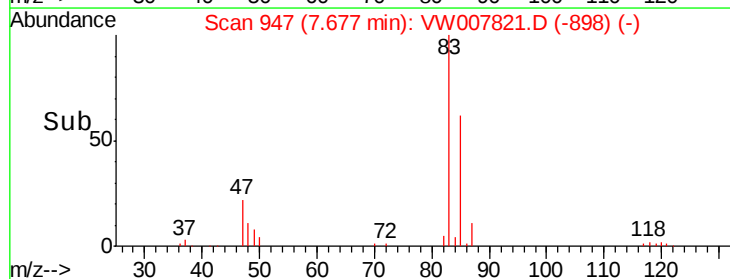
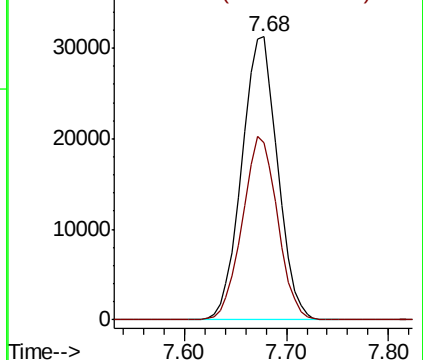


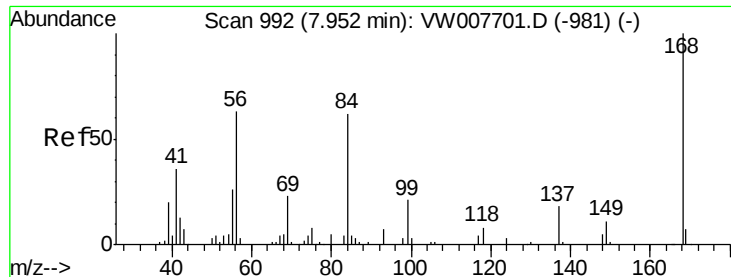
#30
Chloroform
Concen: 54.089 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 83 Resp: 76340
Ion Ratio Lower Upper
83 100
85 62.4 52.2 78.2



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

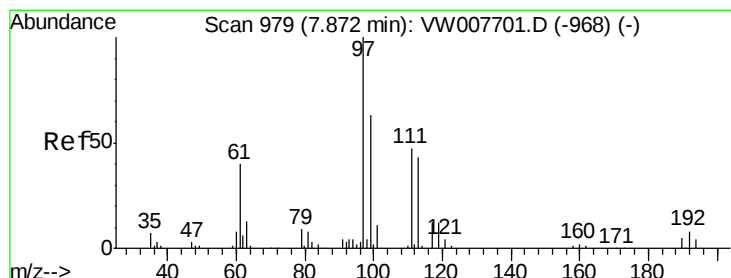
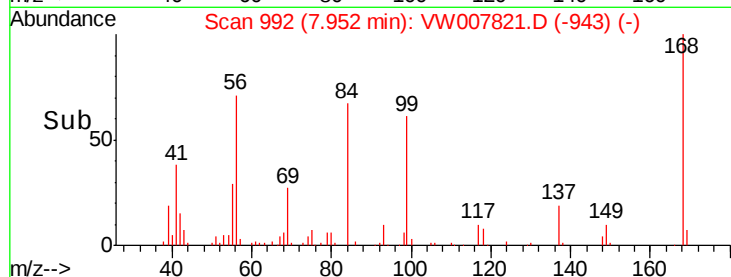
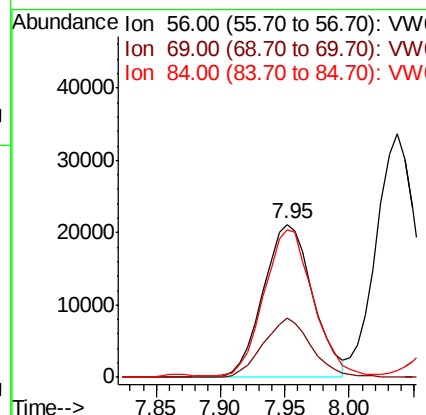
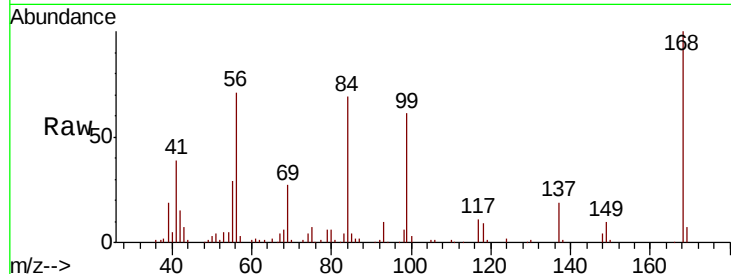




#31
Cyclohexane
Concen: 49.471 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

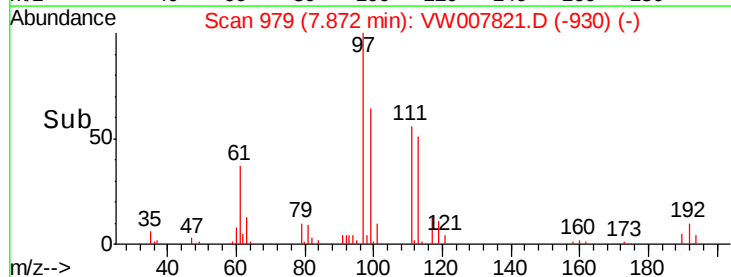
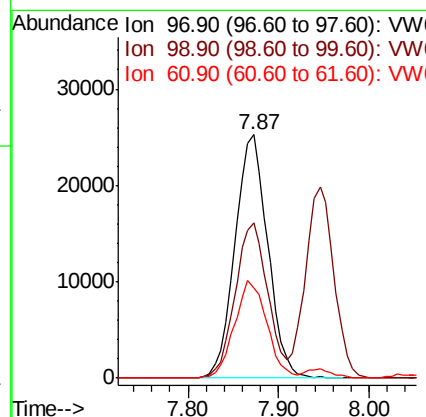
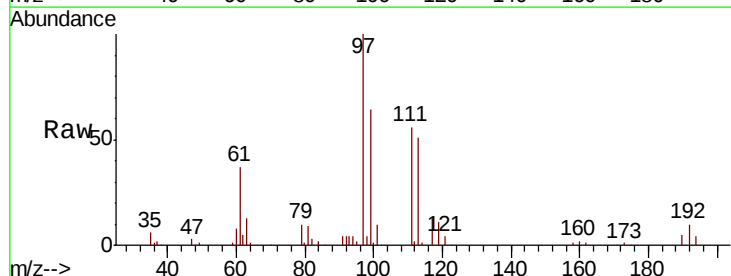
Instrument :
MSVOA_W
ClientSampled :

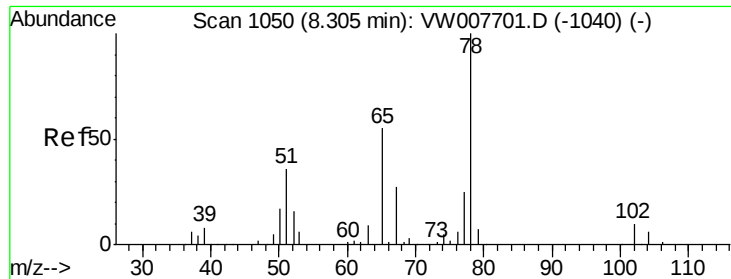
Tot Ion: 56 Resp: 56483
Ion Ratio Lower Upper
56 100
69 38.3 29.7 44.5
84 95.0 78.9 118.3



#32
1,1,1-Trichloroethane
Concen: 49.143 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 97 Resp: 63170
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 39.7 32.3 48.5

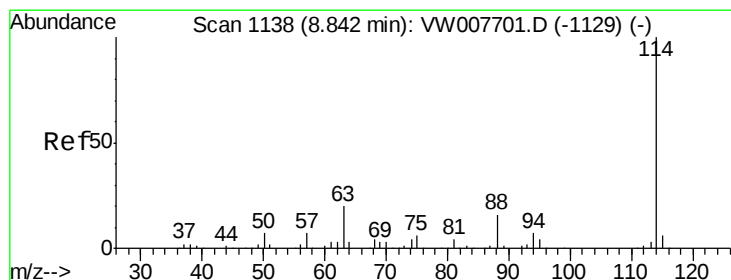
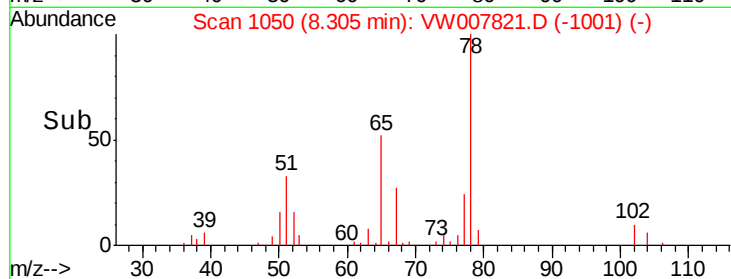
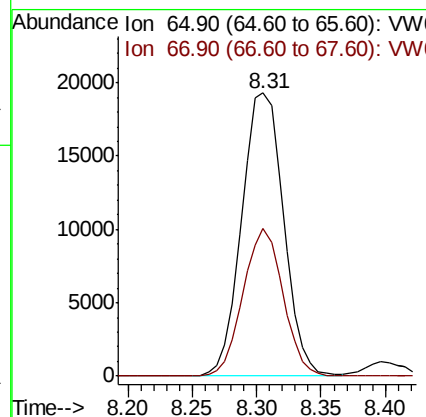
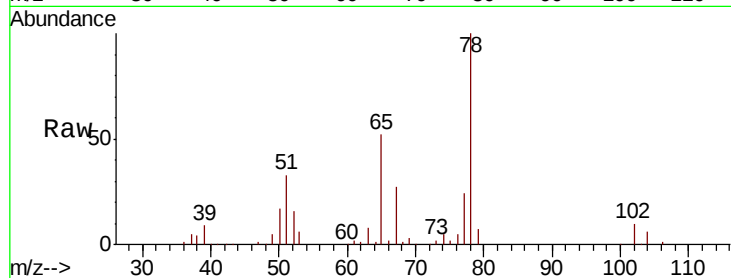




#33
 1,2-Dichloroethane-d4
 Concen: 56.745 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

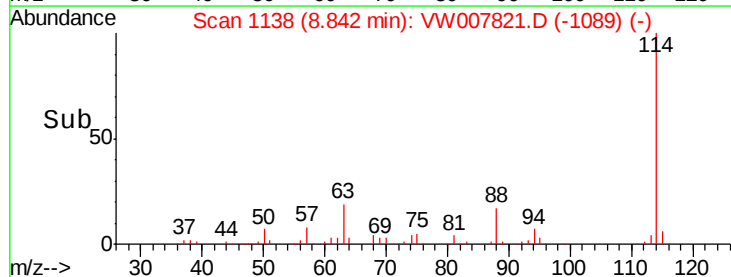
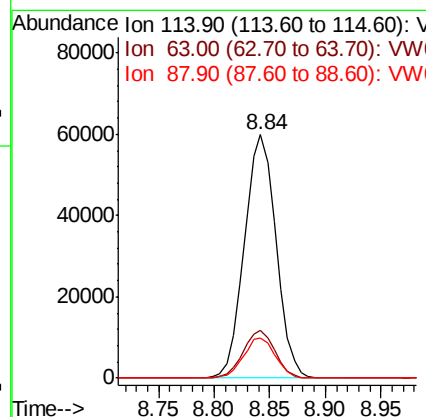
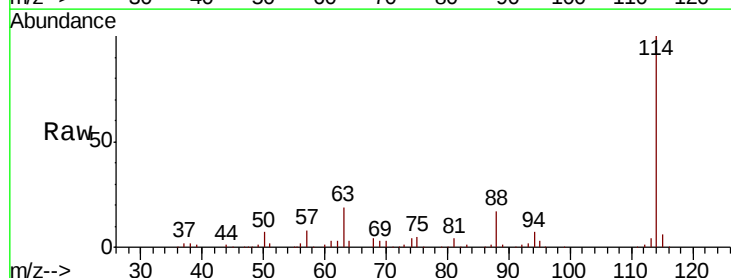
Instrument :
 MSVOA_W
 ClientSampled :

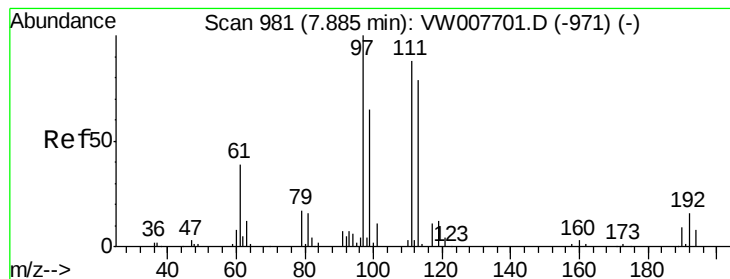
Tot Ion: 65 Resp: 43522
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion: 114 Resp: 118062
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.711 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

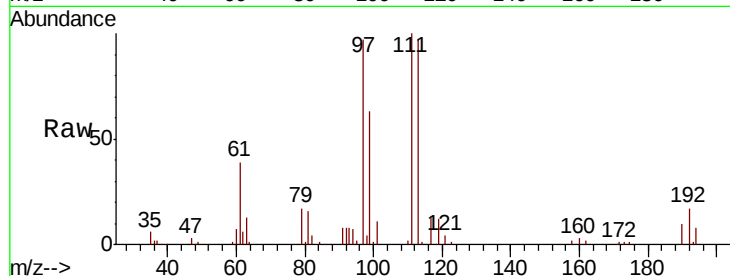
Tot Ion:113 Resp: 38685

Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

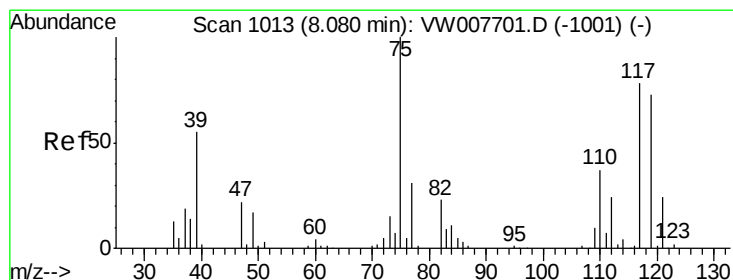
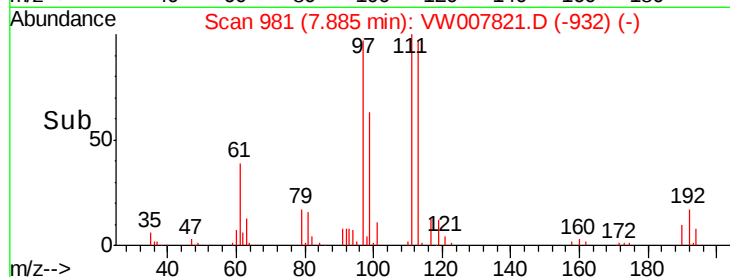
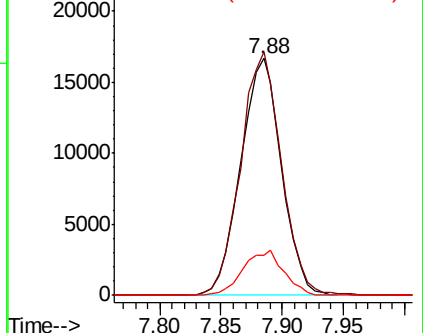
192 19.0 15.5 23.3



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: 48.959 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

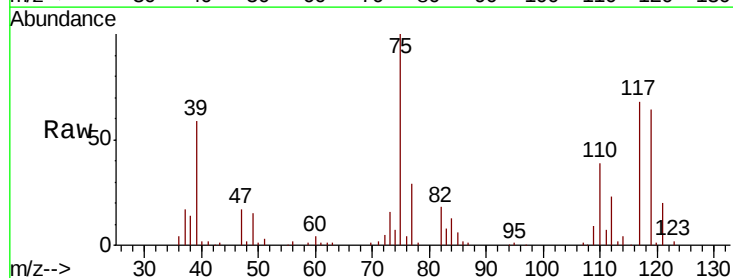
Tgt Ion: 75 Resp: 55789

Ion Ratio Lower Upper

75 100

110 37.3 18.6 55.8

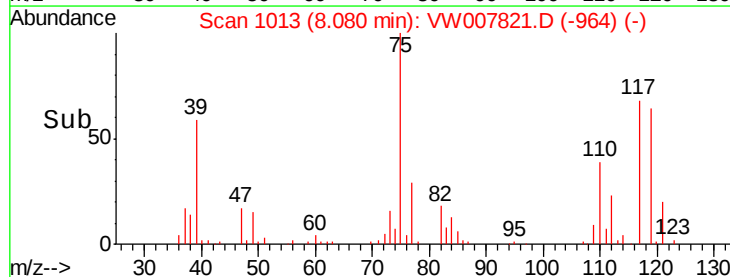
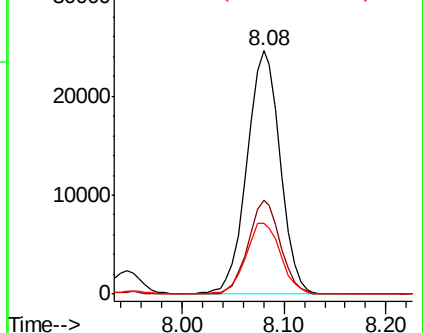
77 30.5 25.0 37.4

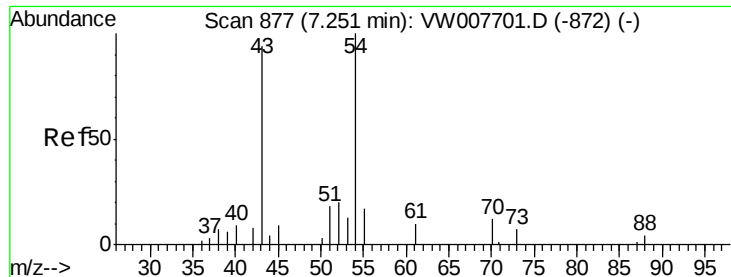


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

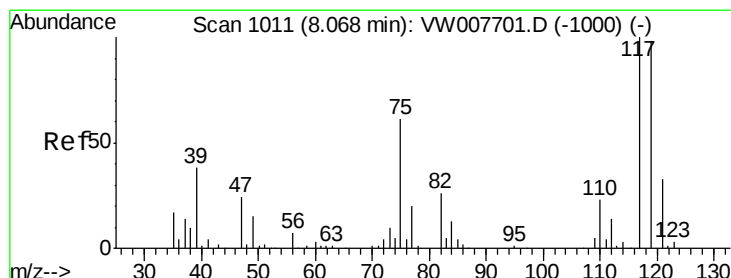
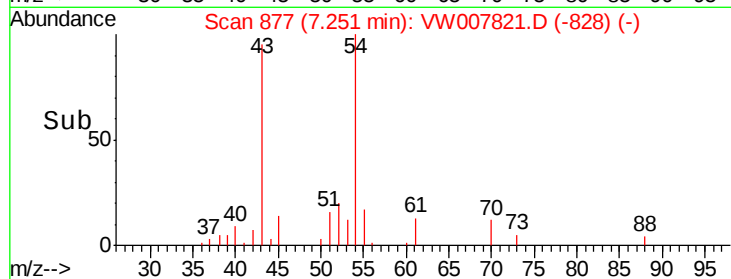
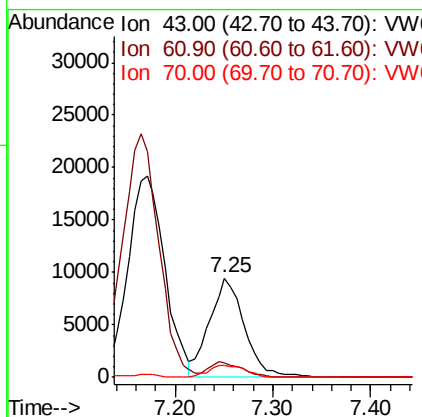
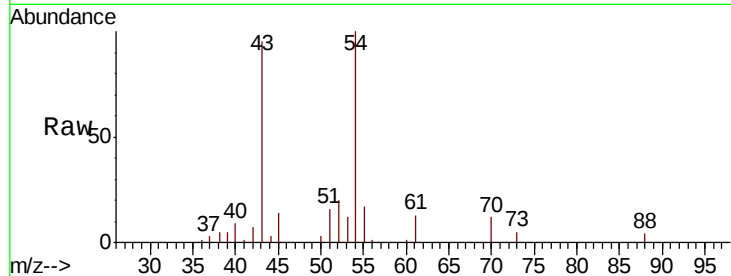




#37
Ethyl Acetate
Concen: 60.064 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

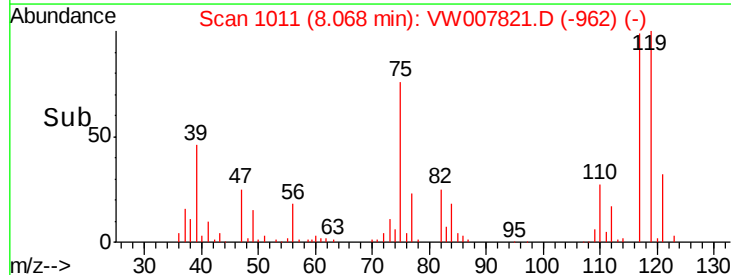
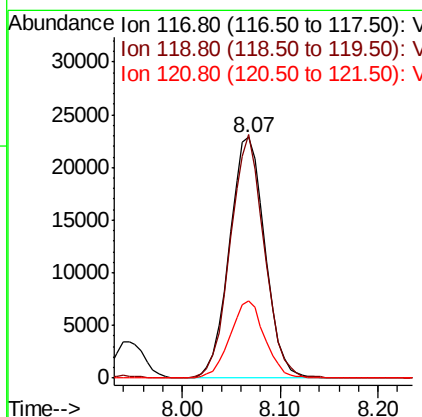
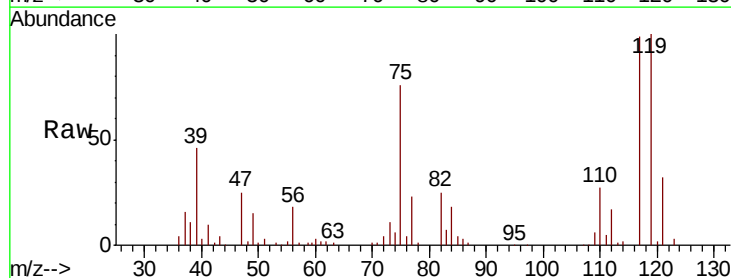
Instrument :
MSVOA_W
ClientSampleId :

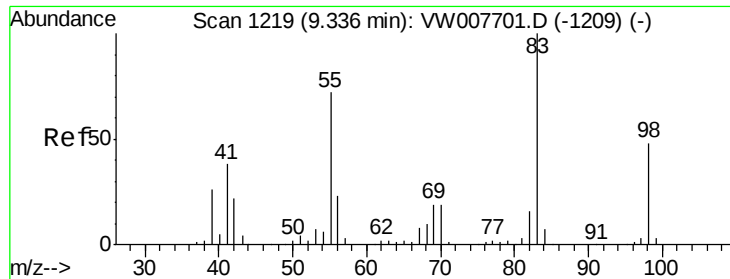
Tot Ion: 43 Resp: 23621
Ion Ratio Lower Upper
43 100
61 14.8 11.2 16.8
70 12.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 42.846 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 117 Resp: 57499
Ion Ratio Lower Upper
117 100
119 101.3 78.2 117.2
121 32.0 26.1 39.1

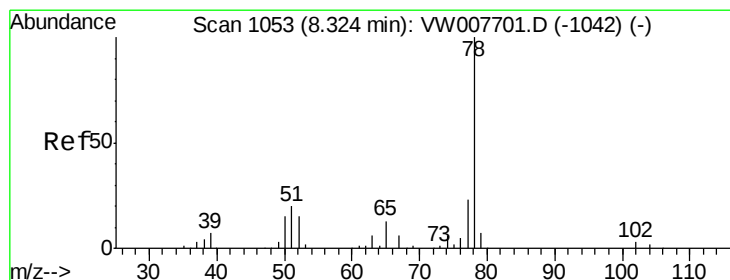
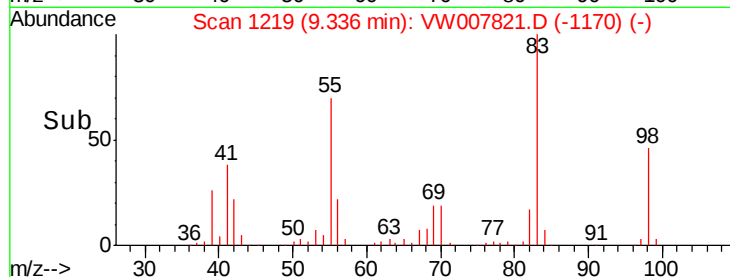
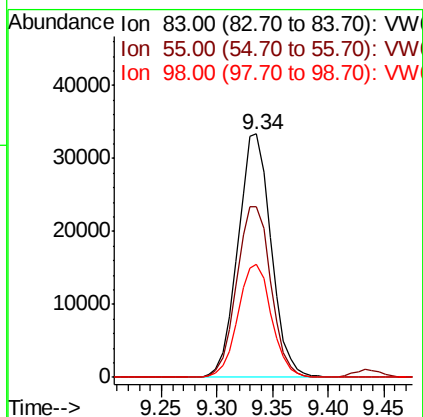
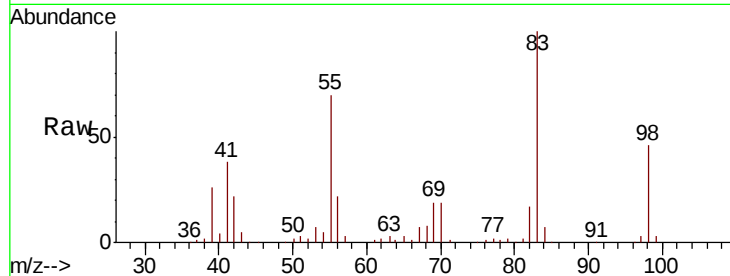




#39
Methvlcvclohexane
Concen: 48.707 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

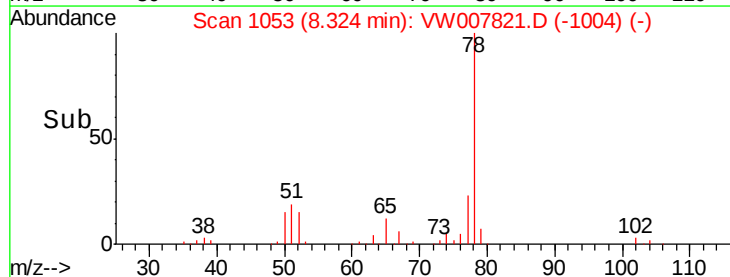
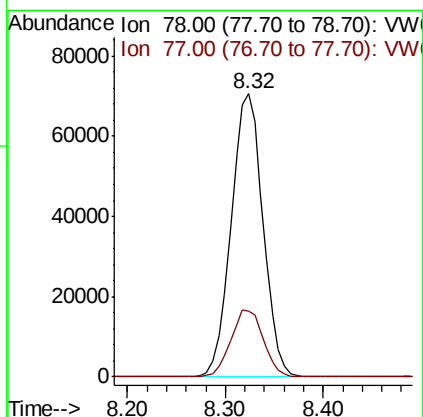
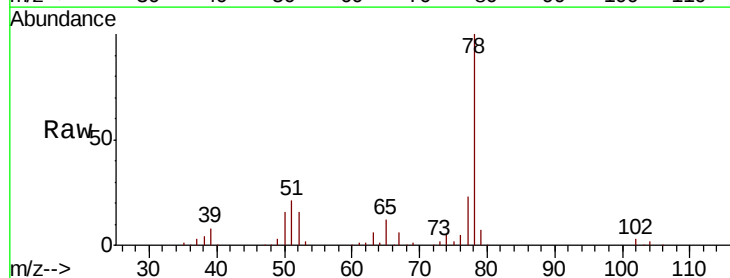
Instrument :
MSVOA_W
ClientSampled :

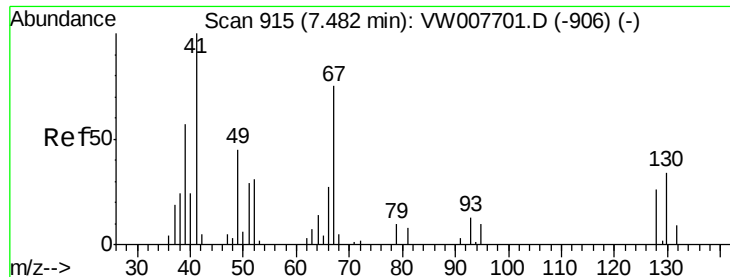
Tot Ion: 83 Resp: 68968
Ion Ratio Lower Upper
83 100
55 70.3 57.2 85.8
98 46.2 38.6 58.0



#40
Benzene
Concen: 52.016 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 78 Resp: 158167
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

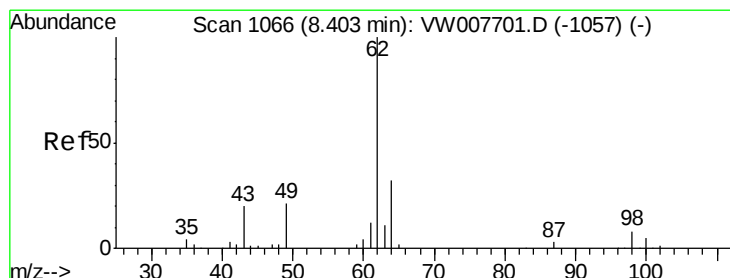
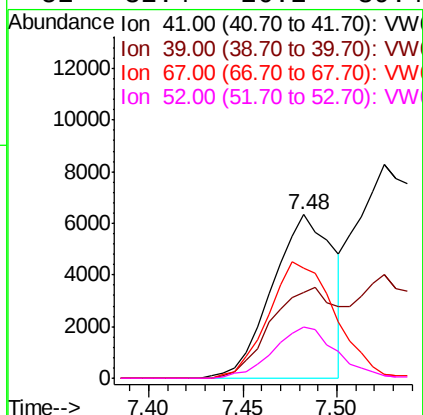
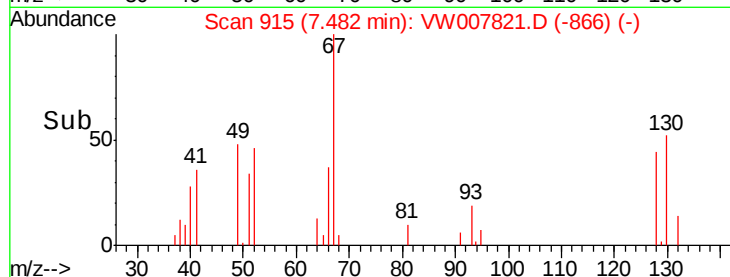
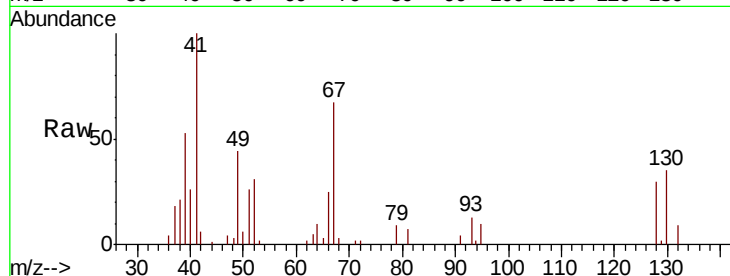




#41
Methacrylonitrile
Concen: 63.979 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

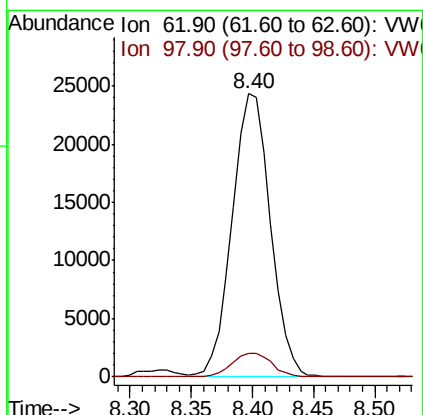
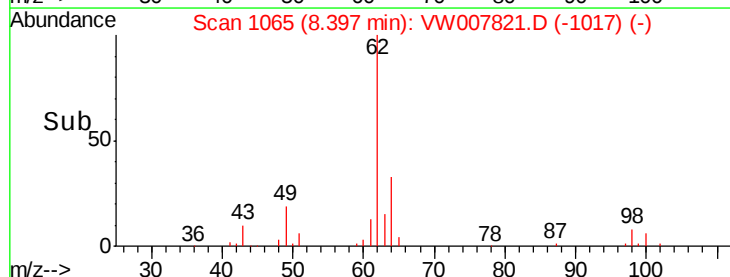
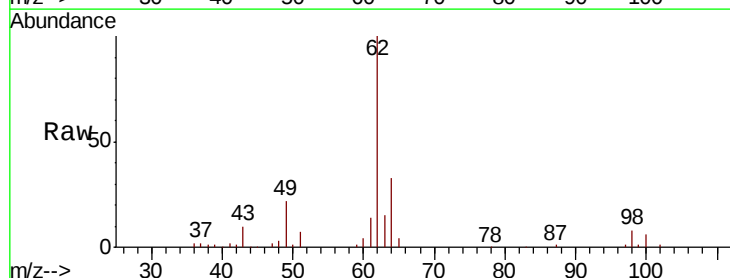
Instrument :
MSVOA_W
ClientSampleId :

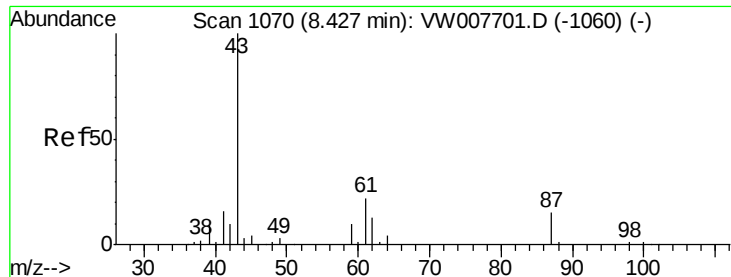
Tot Ion:	41	Resp:	14285
Ion	Ratio	Lower	Upper
41	100		
39	58.3	54.2	81.4
67	77.6	65.7	98.5
52	32.4	26.2	39.4



#42
1,2-Dichloroethane
Concen: 51.897 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion:	62	Resp:	52884
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 61.509 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

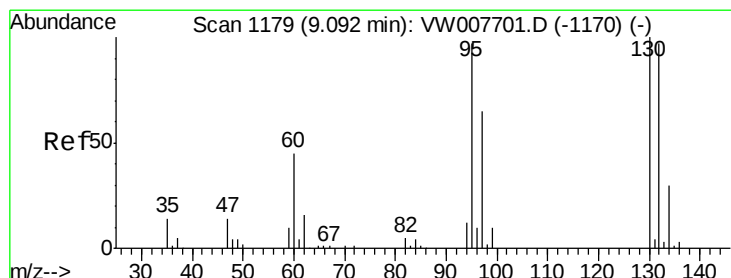
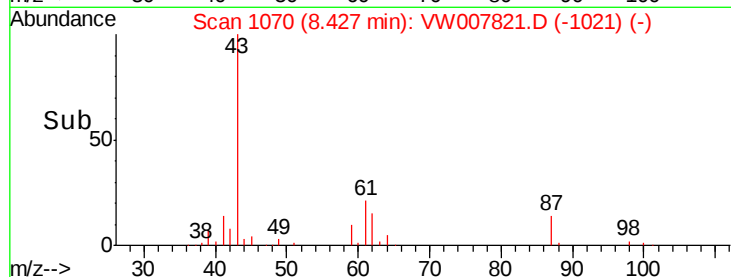
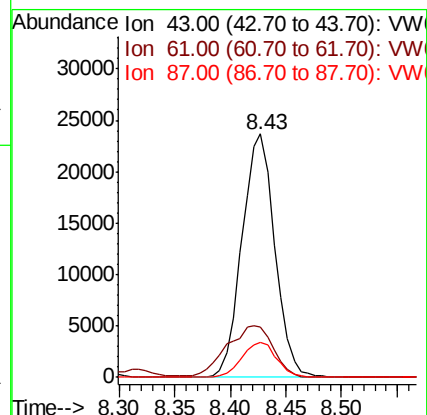
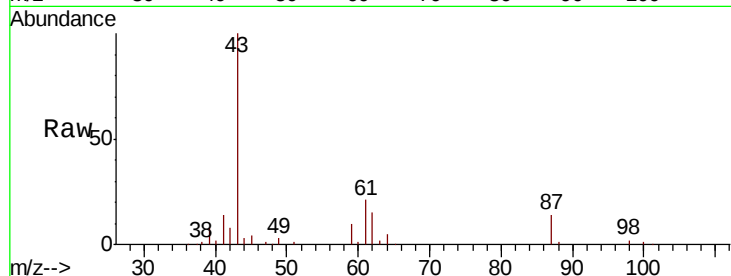
Tot Ion: 43 Resp: 48462

Ion Ratio Lower Upper

43 100

61 30.0 26.3 39.5

87 15.0 12.0 18.0



#44

Trichloroethene

Concen: 50.379 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007821.D

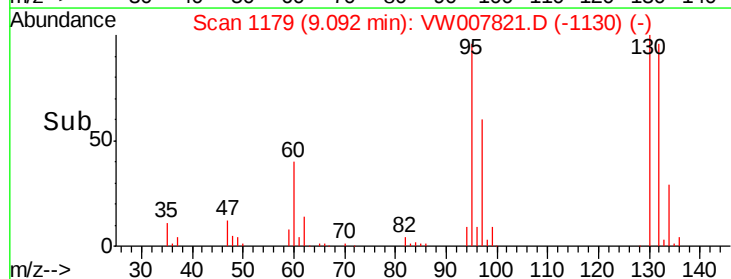
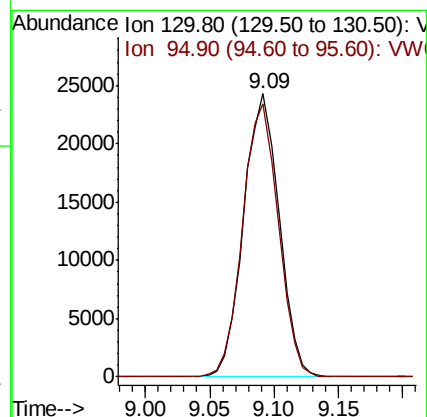
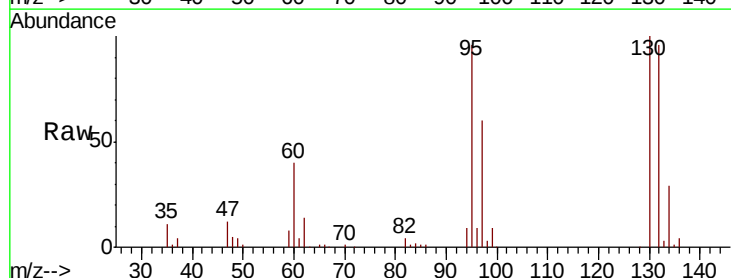
Acq: 22 Dec 2018 03:12

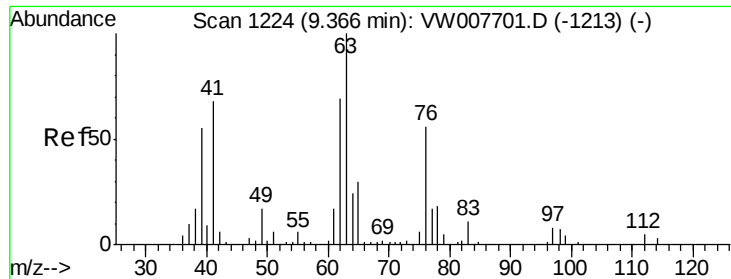
Tgt Ion: 130 Resp: 46327

Ion Ratio Lower Upper

130 100

95 96.5 0.0 194.8

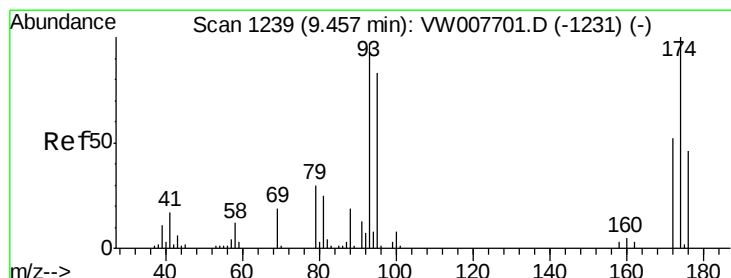
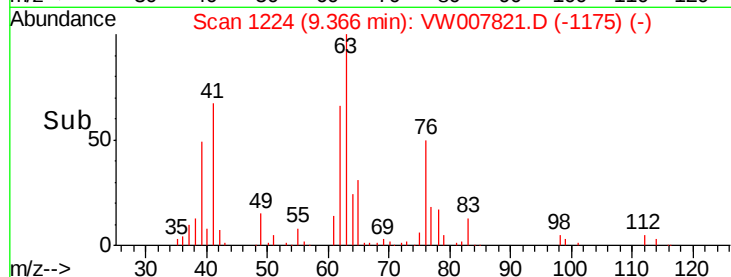
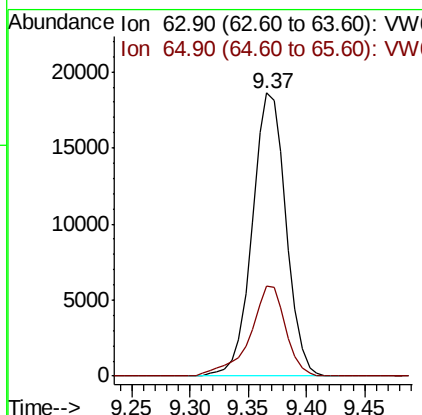
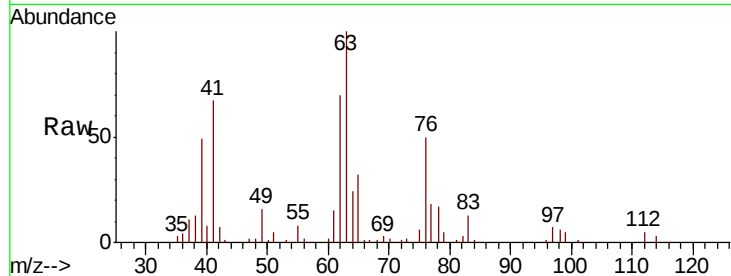




#45
 1,2-Dichloropropane
 Concen: 55.675 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

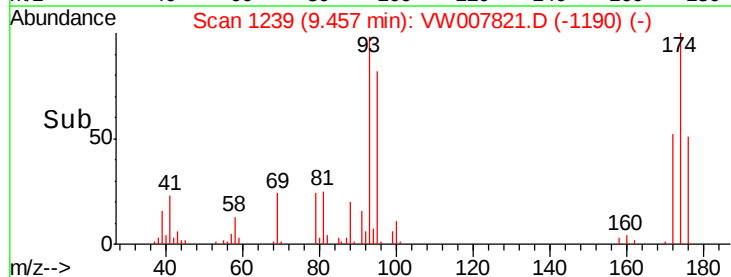
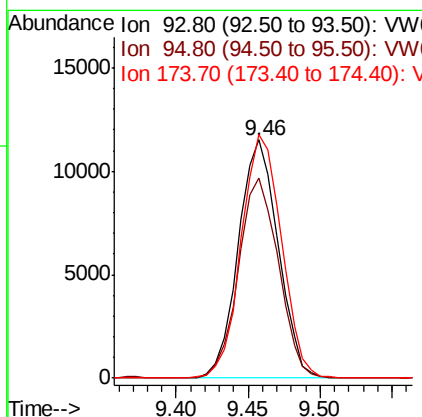
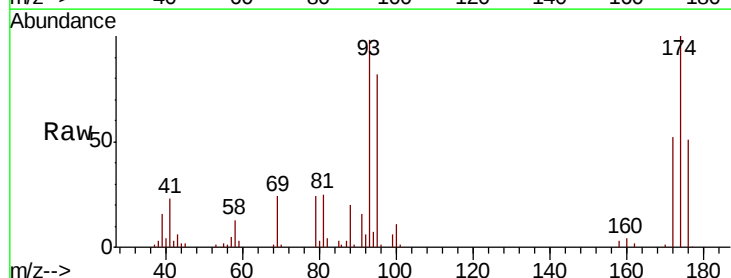
Instrument :
 MSVOA_W
 ClientSampleId :

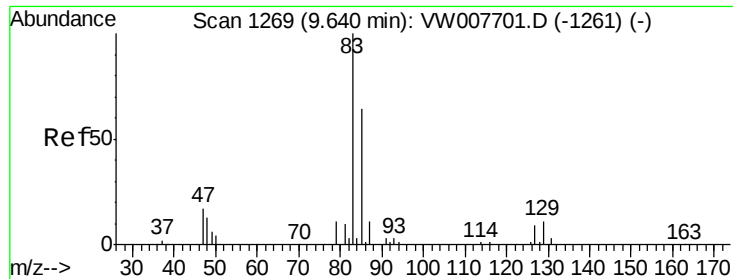
Tot Ion: 63 Resp: 37565
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.8 35.8



#46
 Dibromomethane
 Concen: 53.053 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion: 93 Resp: 22035
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.5 101.3
 174 103.3 83.9 125.9

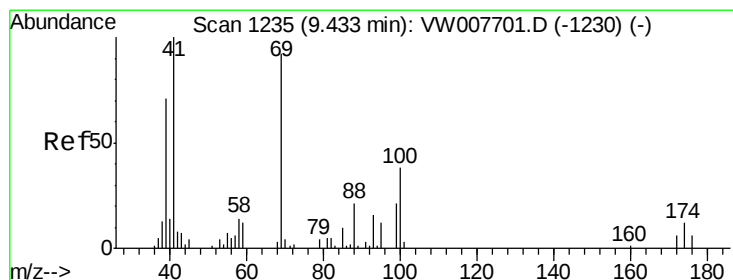
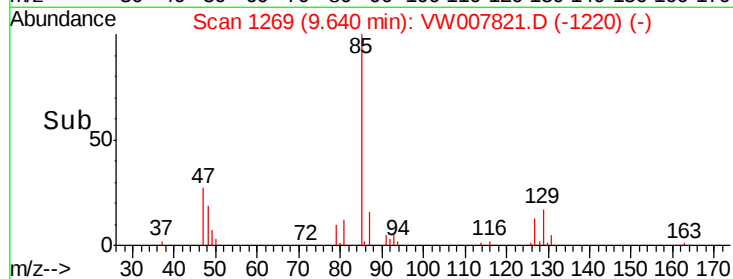
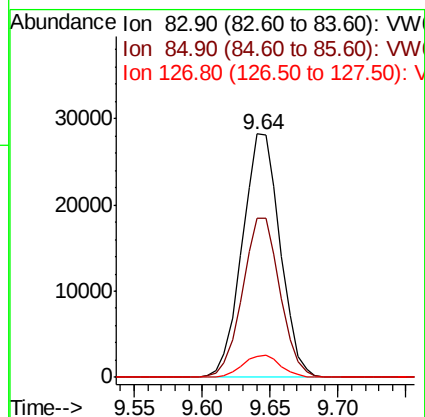
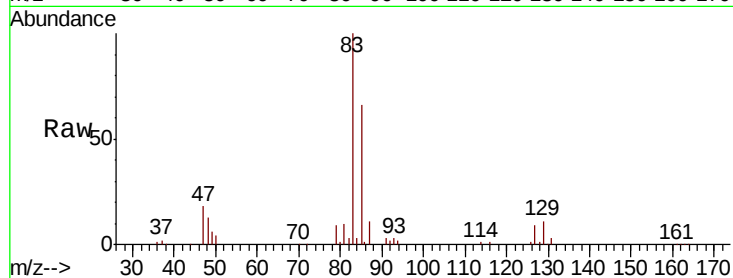




#47
Bromodichloromethane
Concen: 50.262 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

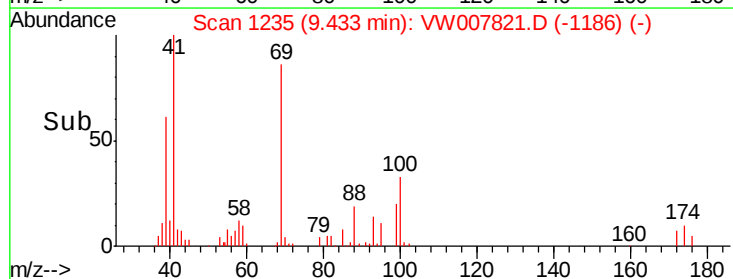
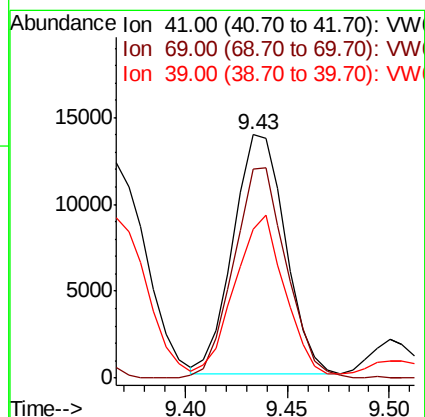
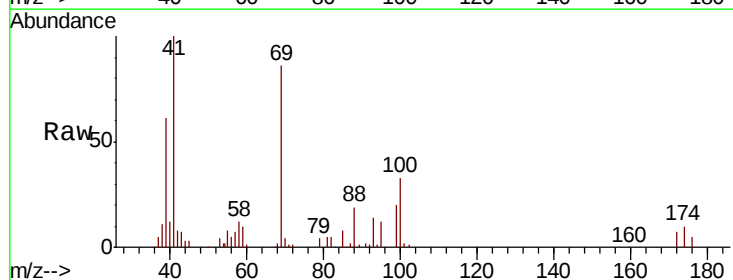
Instrument :
MSVOA_W
ClientSampleId :

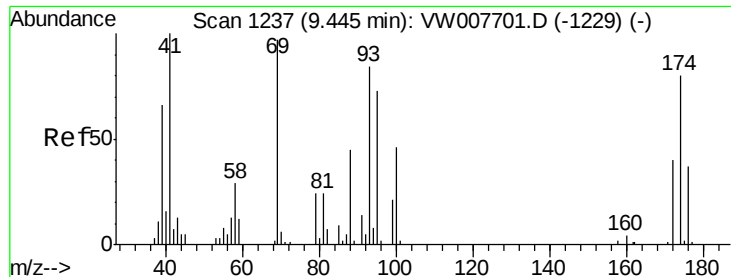
Tot Ion: 83 Resp: 54881
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.0
127 8.5 7.5 11.3



#48
Methyl methacrylate
Concen: 62.191 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 41 Resp: 24458
Ion Ratio Lower Upper
41 100
69 89.1 74.2 111.2
39 66.8 53.9 80.9





#49

1,4-Dioxane

Concen: 1233.566 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :
MSVOA_W
ClientSampleId :

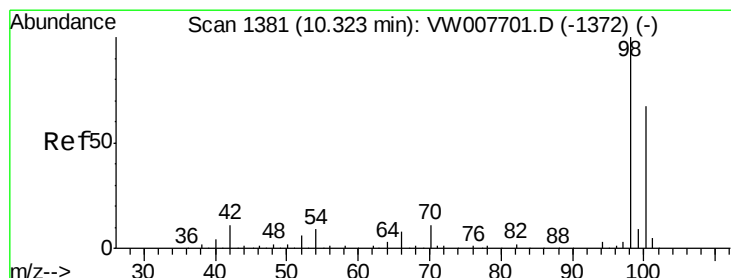
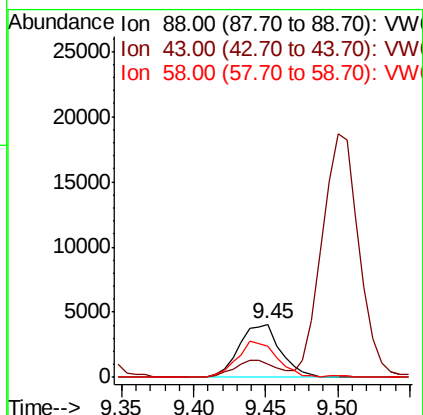
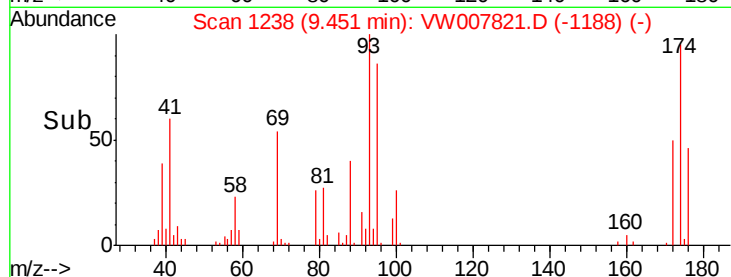
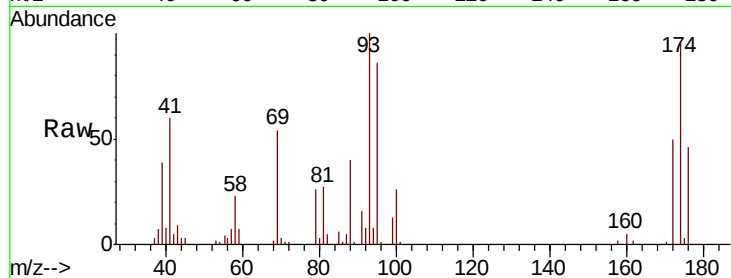
Tot Ion: 88 Resp: 8123

Ion Ratio Lower Upper

88 100

43 32.0 25.6 38.4

58 65.9 52.3 78.5



#50

Toluene-d8

Concen: 54.834 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007821.D

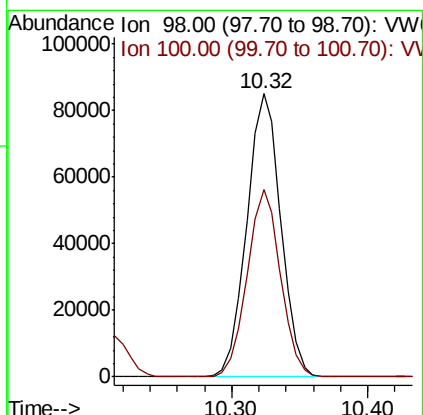
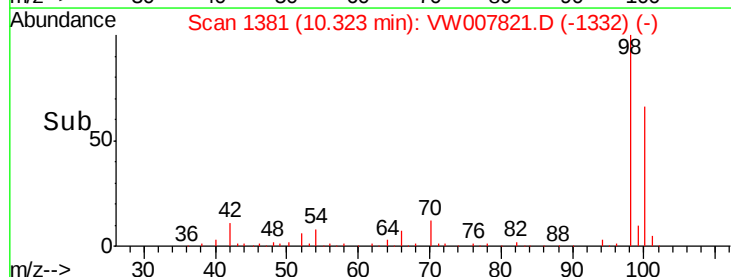
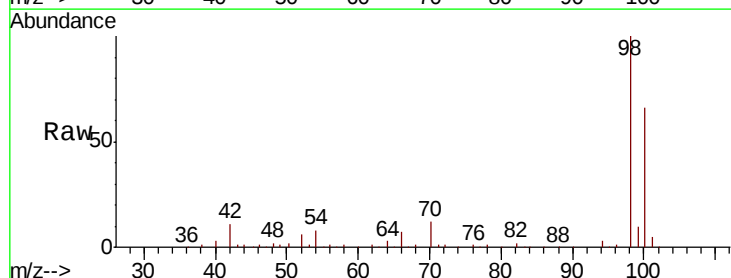
Acq: 22 Dec 2018 03:12

Tgt Ion: 98 Resp: 148884

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 305.076 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

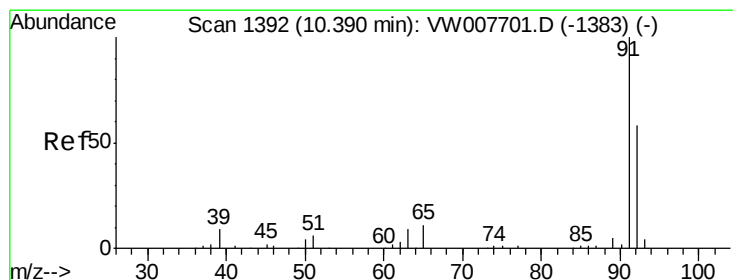
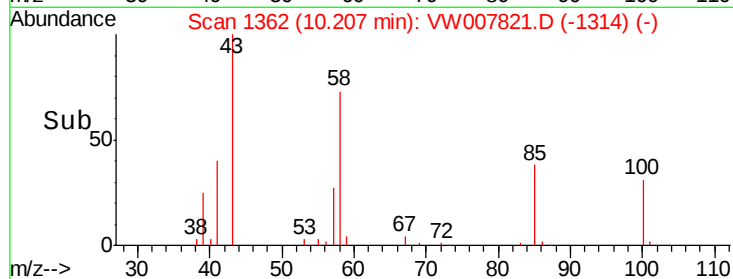
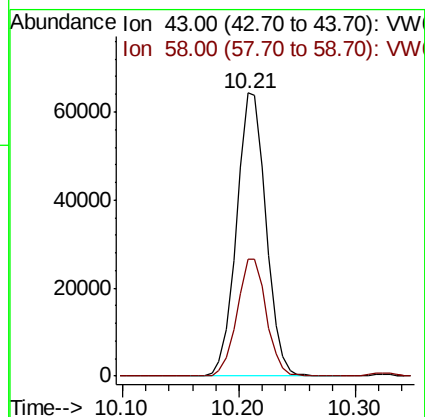
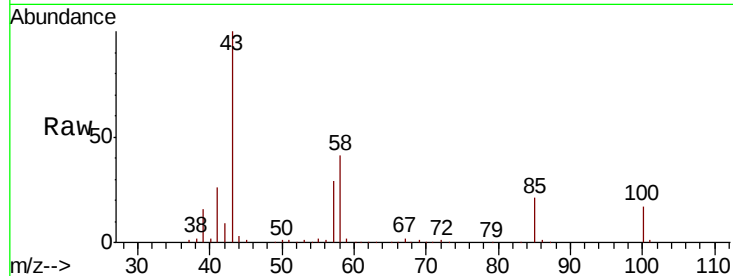
ClientSampleId :

Tot Ion: 43 Resp: 113595

Ion Ratio Lower Upper

43 100

58 41.1 33.2 49.8



#52

Toluene

Concen: 52.432 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007821.D

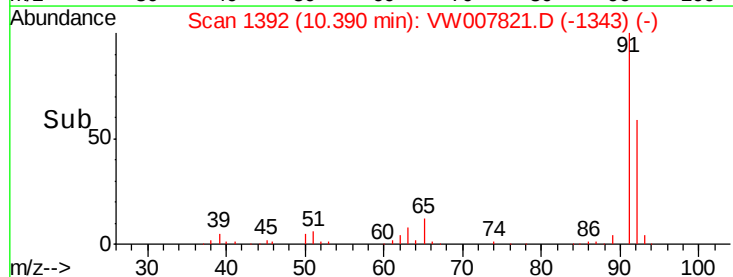
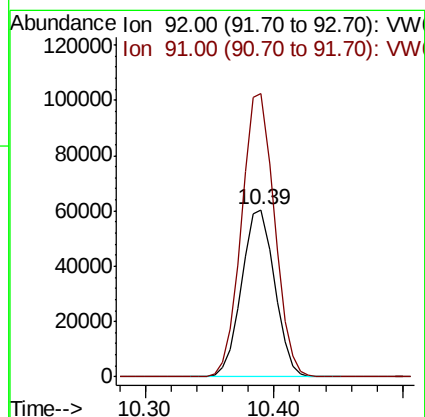
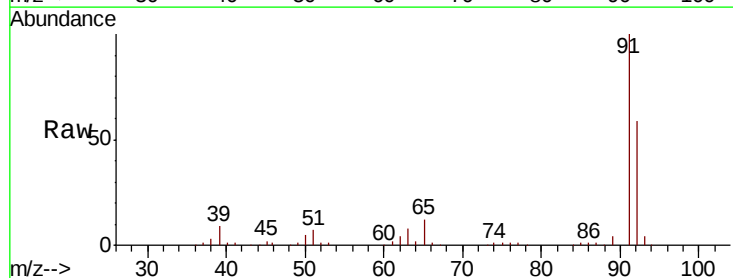
Acq: 22 Dec 2018 03:12

Tgt Ion: 92 Resp: 106969

Ion Ratio Lower Upper

92 100

91 169.6 137.0 205.4

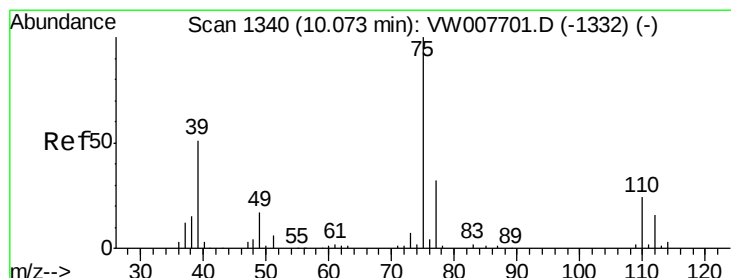
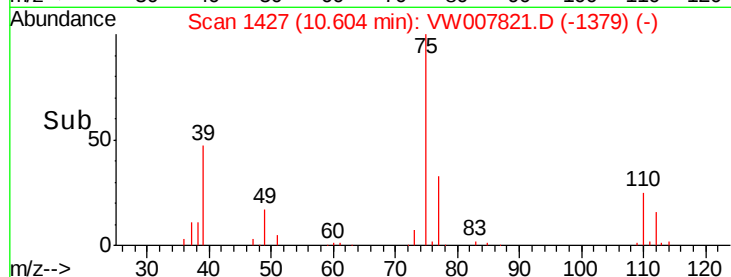
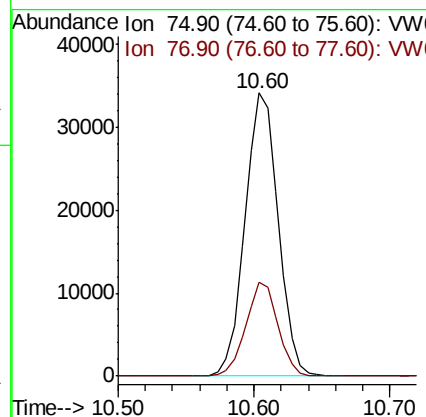
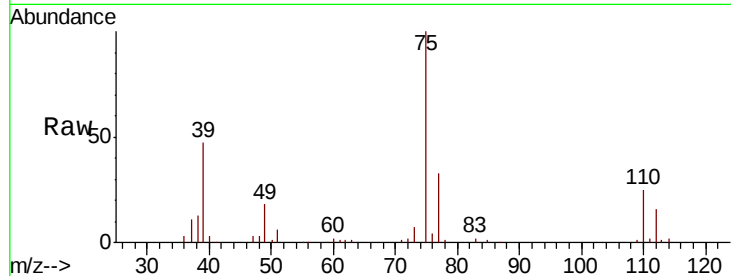




#53
 t-1,3-Dichloropropene
 Concen: 53.473 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

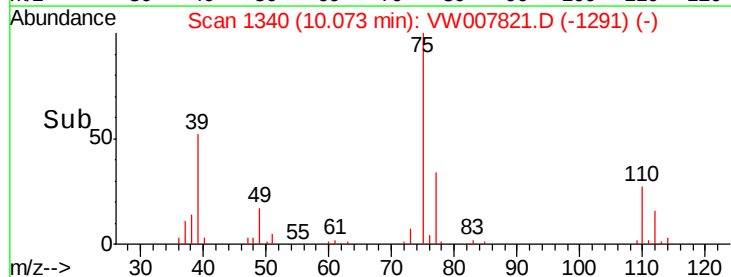
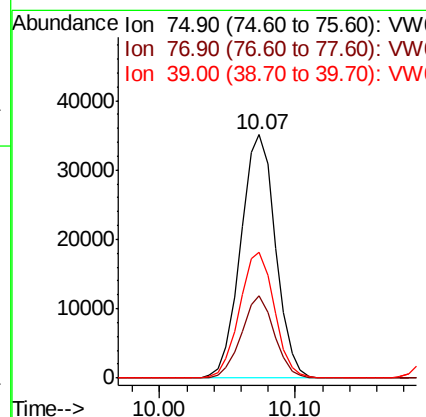
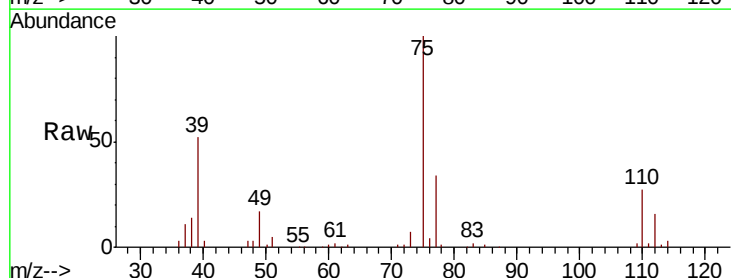
Instrument :
 MSVOA_W
 ClientSampleId :

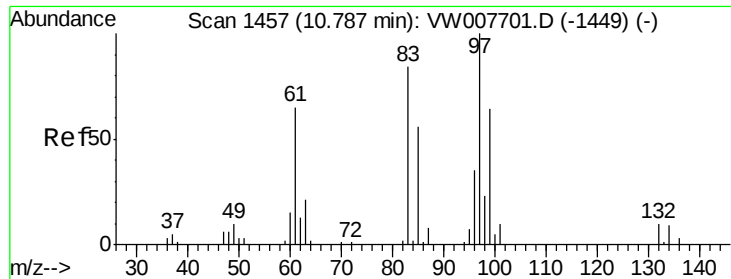
Tot Ion: 75 Resp: 58075
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.377 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion: 75 Resp: 62833
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.5 38.3
 39 51.8 41.2 61.8

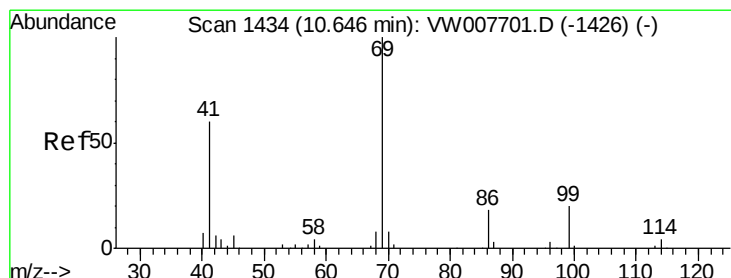
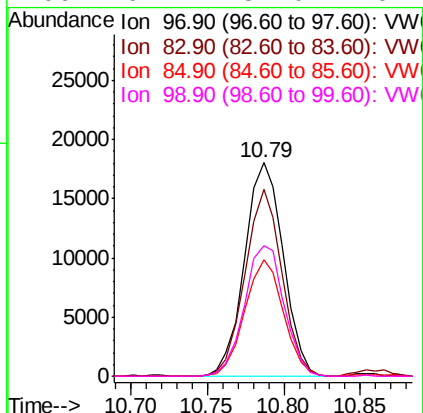
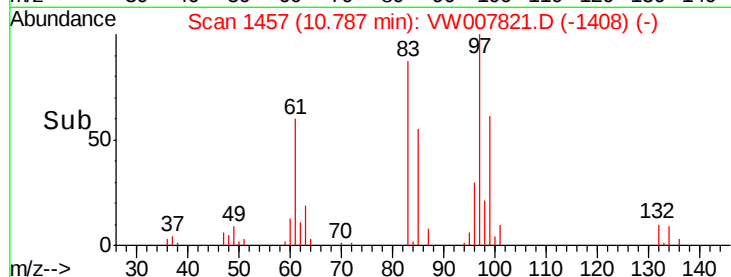
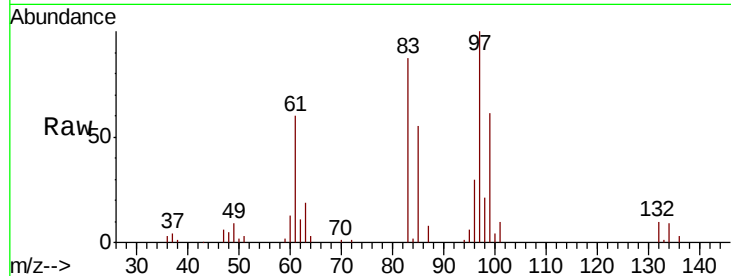




#55
1,1,2-Trichloroethane
Concen: 55.578 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

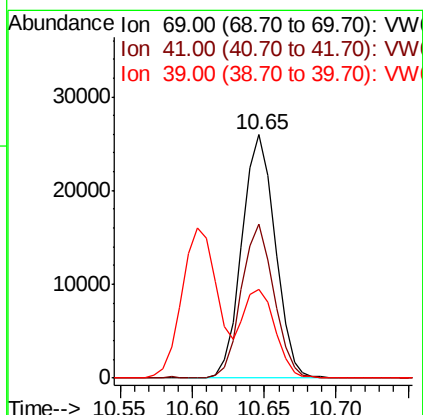
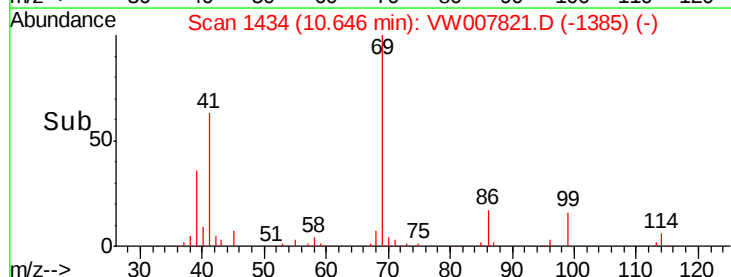
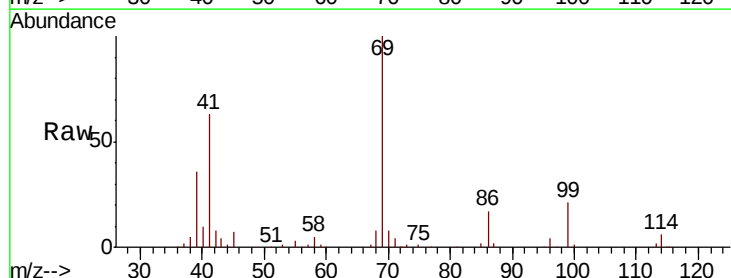
Instrument :
MSVOA_W
ClientSampled :

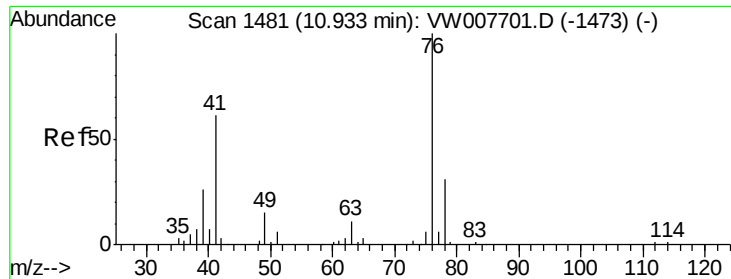
Tot Ion:	97	Resp:	31823
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.5	101.3
85	54.8	44.8	67.2
99	61.2	51.0	76.4



#56
Ethyl methacrylate
Concen: 61.466 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion:	69	Resp:	41582
Ion	Ratio	Lower	Upper
69	100		
41	62.1	48.9	73.3
39	35.4	31.3	46.9

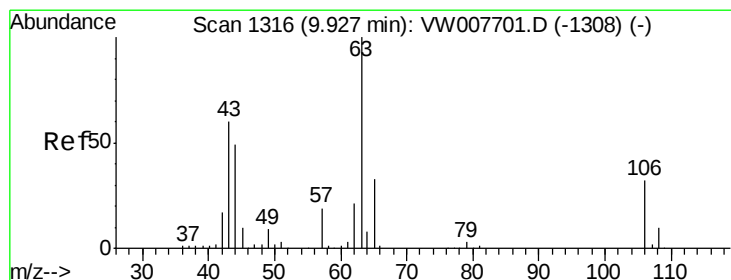
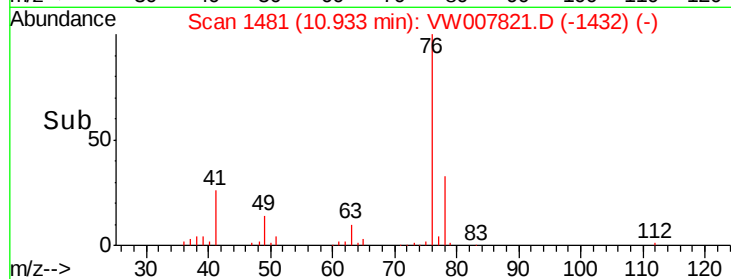
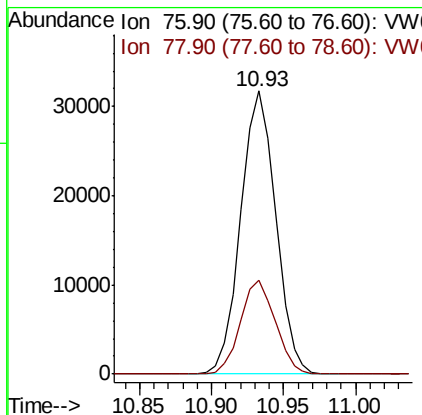
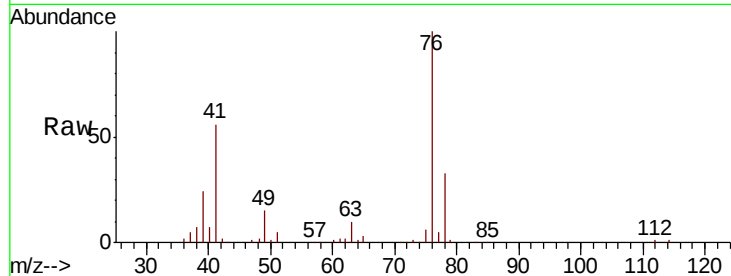




#57
 1,3-Dichloropropane
 Concen: 56.306 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

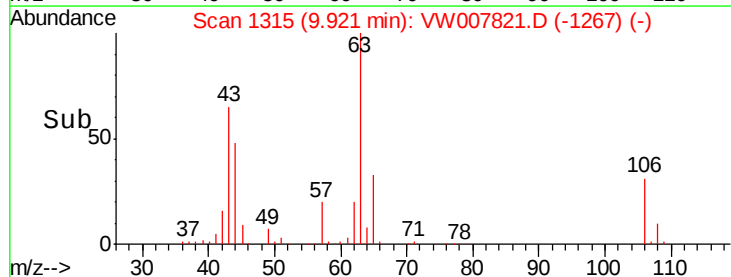
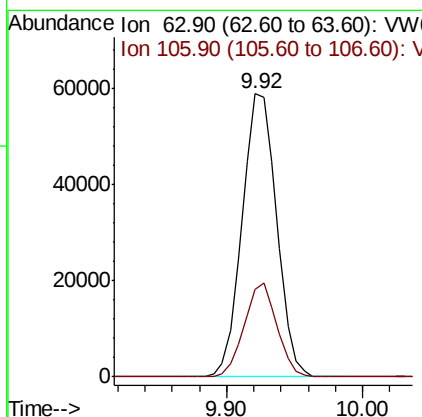
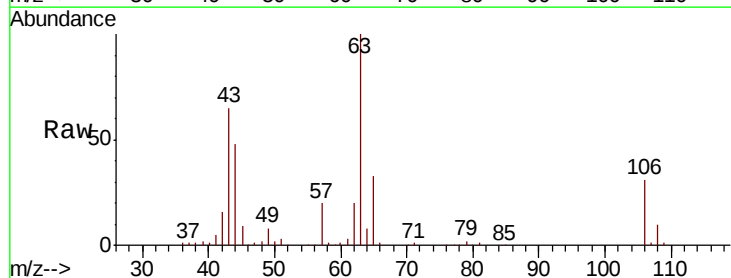
Instrument :
 MSVOA_W
 ClientSampleId :

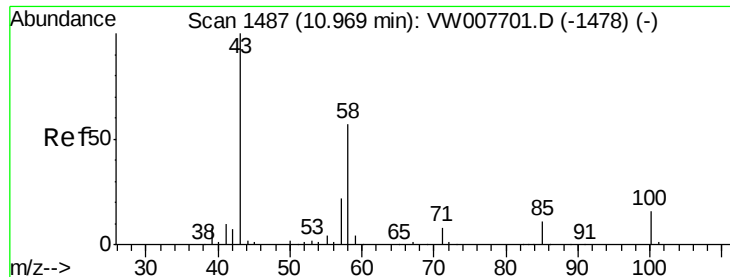
Tot Ion: 76 Resp: 53535
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 339.722 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion: 63 Resp: 104931
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.9 38.9





#59

2-Hexanone

Concen: 305.771 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

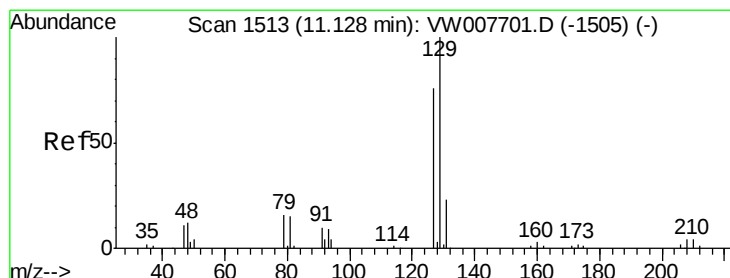
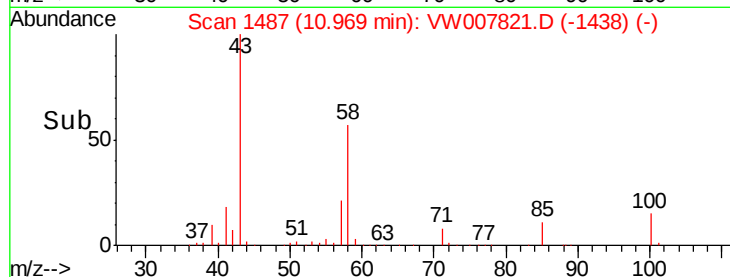
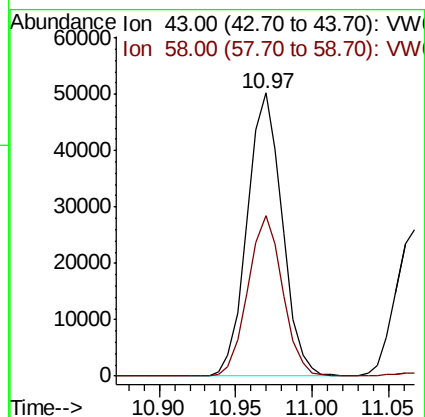
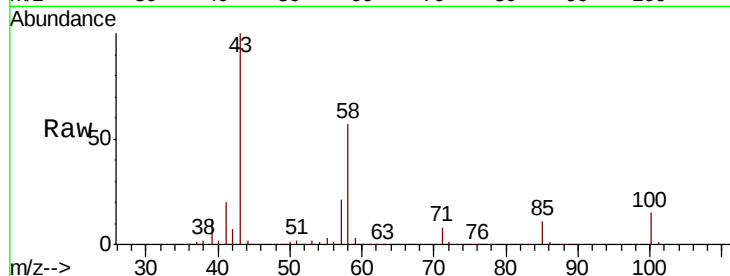
ClientSampled :

Tot Ion: 43 Resp: 80070

Ion Ratio Lower Upper

43 100

58 55.9 27.7 83.1



#60

Dibromochloromethane

Concen: 49.494 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW007821.D

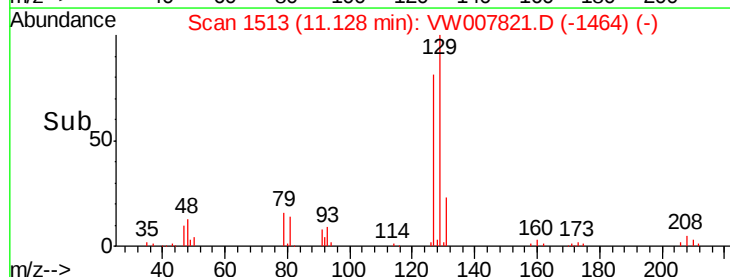
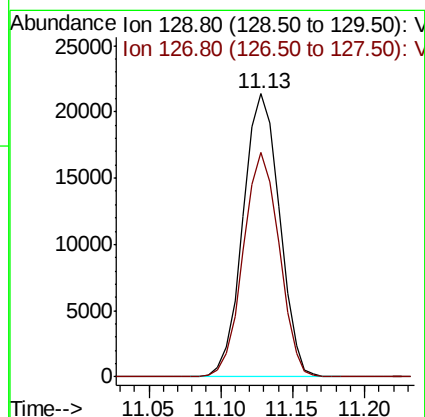
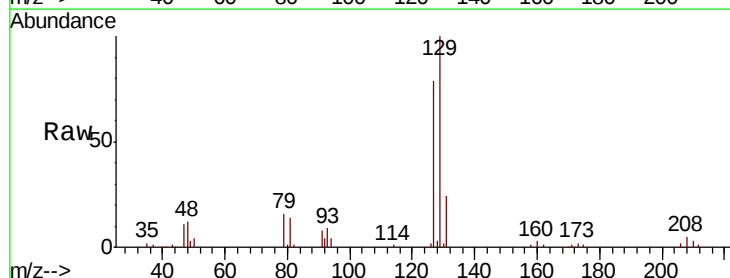
Acq: 22 Dec 2018 03:12

Tgt Ion: 129 Resp: 37523

Ion Ratio Lower Upper

129 100

127 78.0 38.3 114.9





#61

1,2-Dibromoethane

Concen: 54.802 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

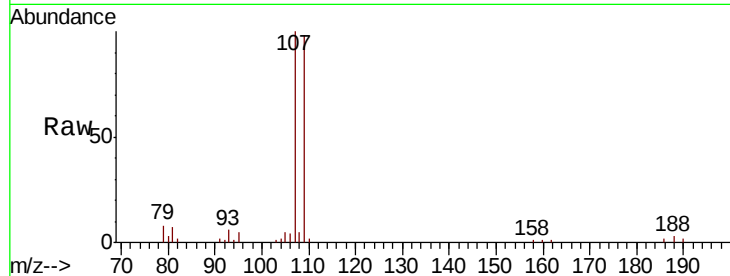
ClientSampleId :

Tot Ion:107 Resp: 31776

Ion Ratio Lower Upper

107 100

109 93.8 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

20000

15000

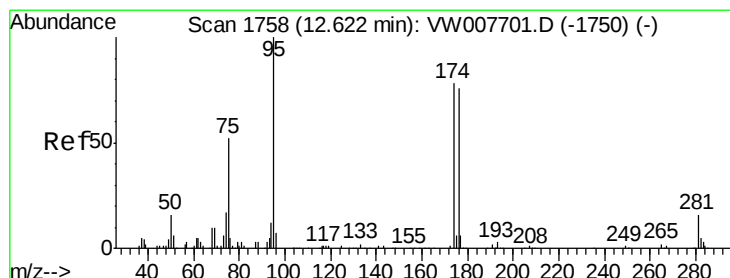
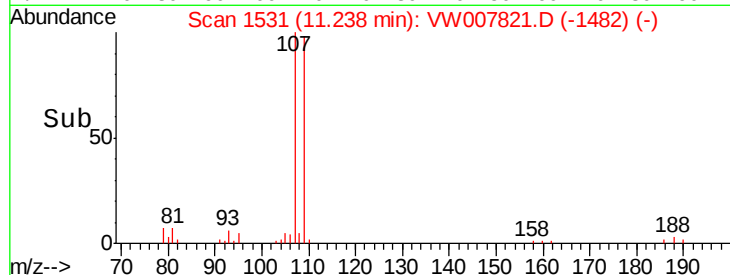
10000

5000

0

Time-->

11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 55.559 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

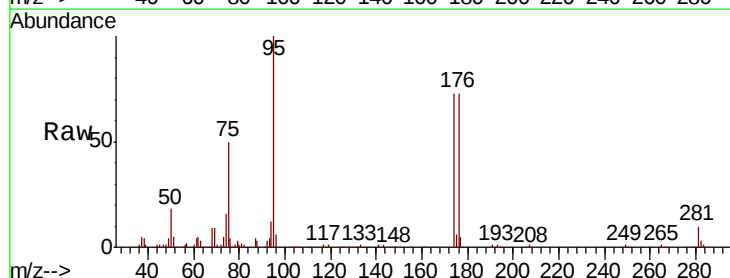
Tgt Ion: 95 Resp: 58278

Ion Ratio Lower Upper

95 100

174 74.5 0.0 152.2

176 72.3 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

50000

40000

30000

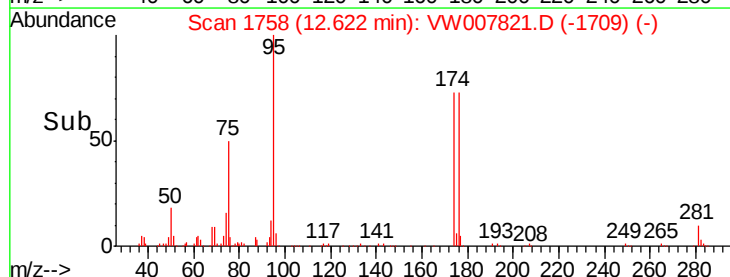
20000

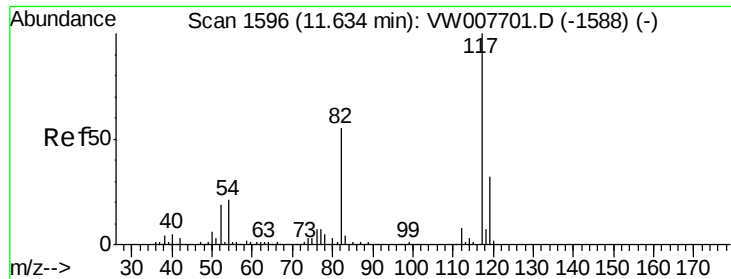
10000

0

Time-->

12.55 12.60 12.65 12.70

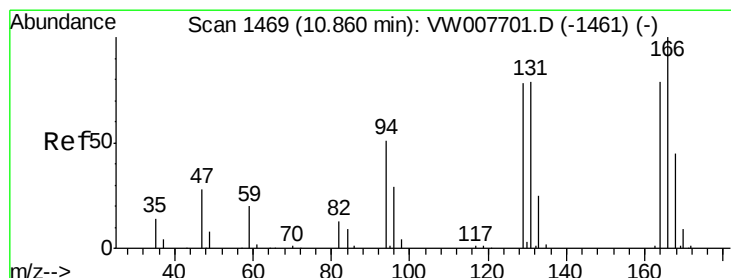
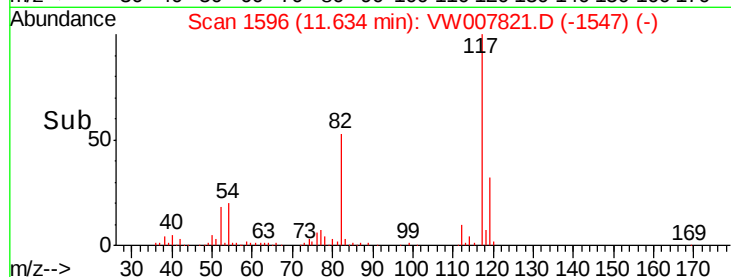
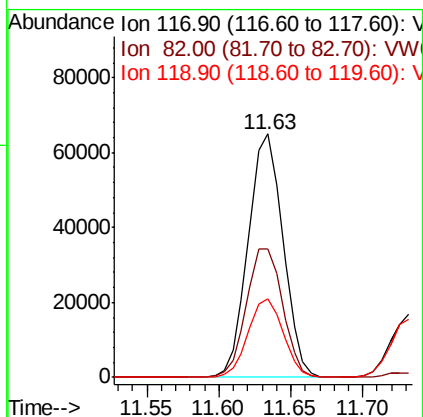
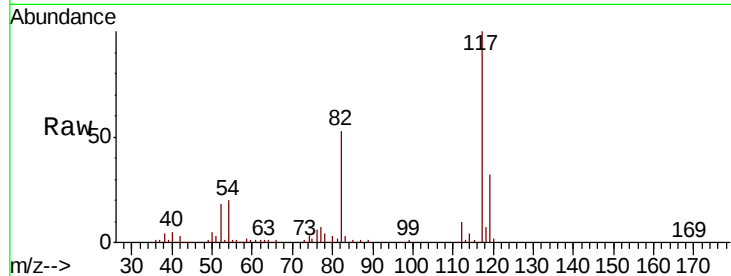




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

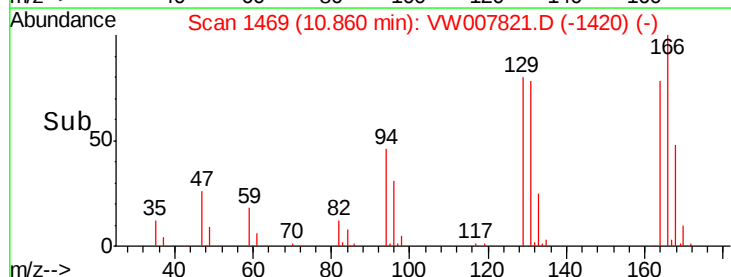
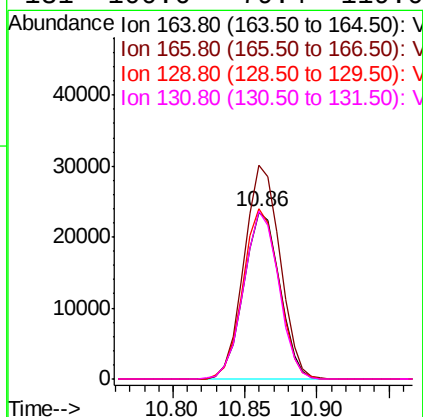
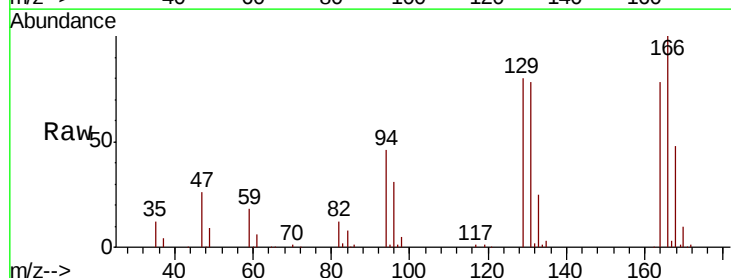
Instrument :
MSVOA_W
ClientSampled :

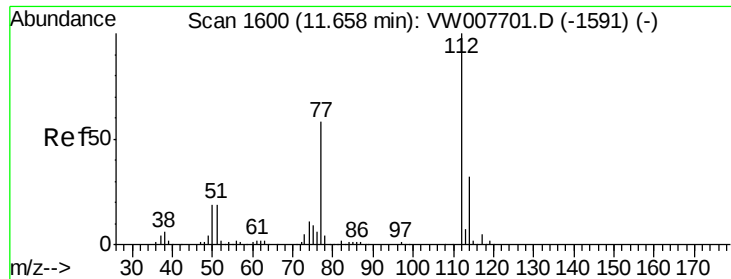
Tot Ion:117 Resp: 108536
Ion Ratio Lower Upper
117 100
82 52.6 44.3 66.5
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 52.759 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion:164 Resp: 40549
Ion Ratio Lower Upper
164 100
166 128.3 101.0 151.6
129 102.0 78.7 118.1
131 100.6 79.4 119.0





#65

Chlorobenzene

Concen: 50.681 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

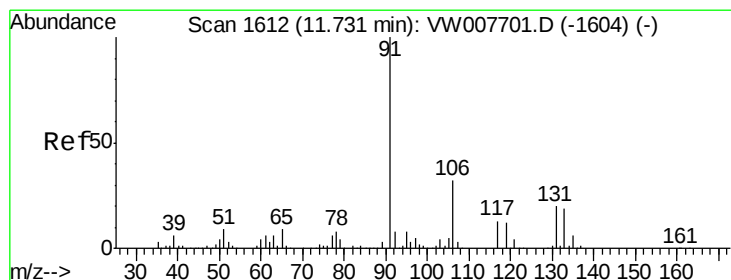
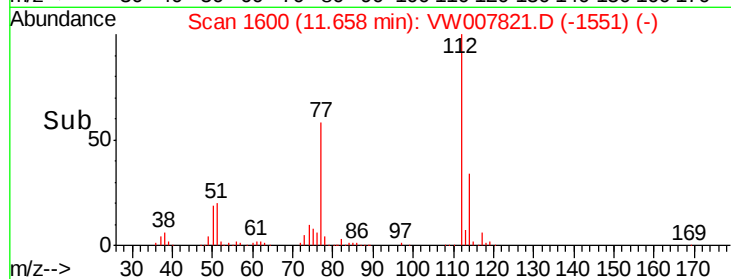
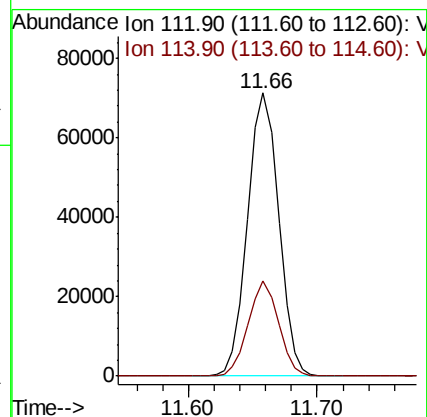
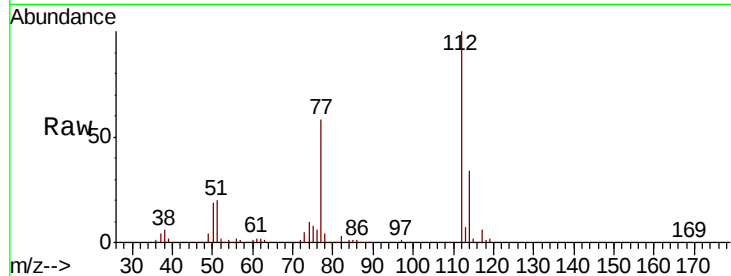
ClientSampleId :

Tot Ion:112 Resp: 119059

Ion Ratio Lower Upper

112 100

114 33.7 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 50.291 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

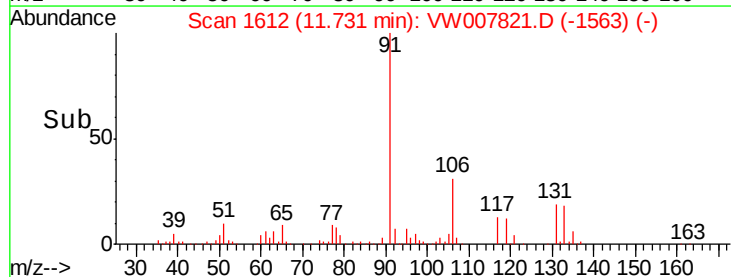
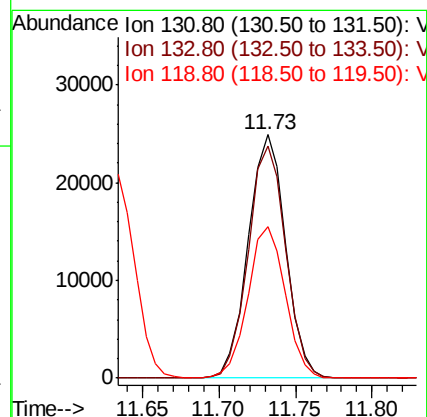
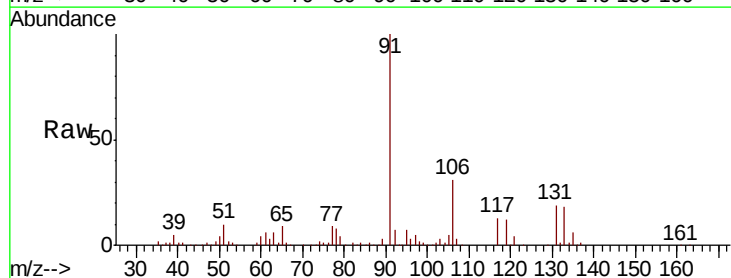
Tgt Ion:131 Resp: 42214

Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.5

119 62.5 30.2 90.6

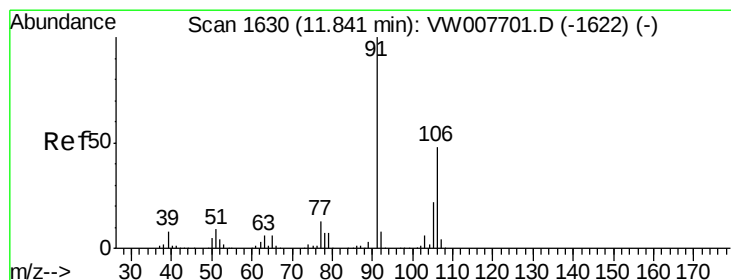
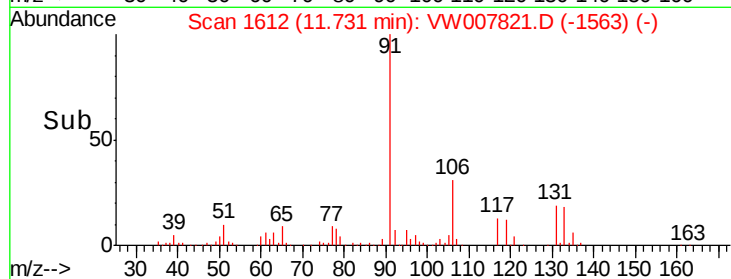
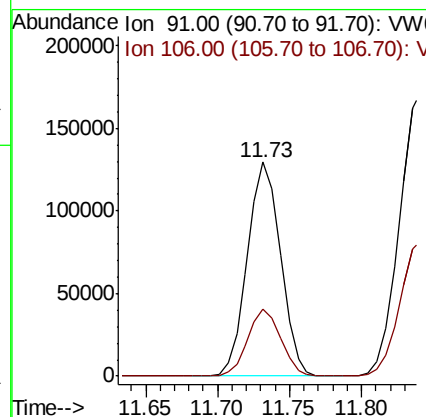
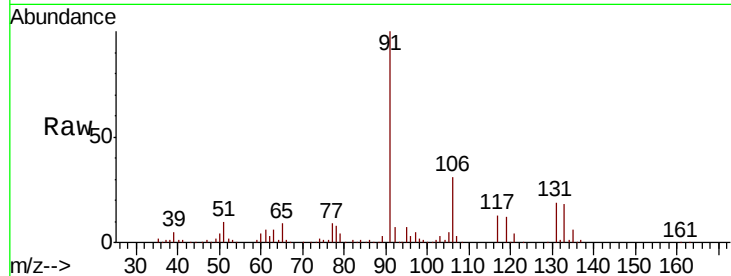




#67
Ethyl Benzene
Concen: 51.369 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

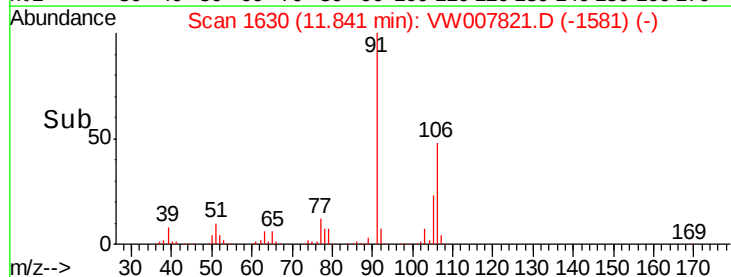
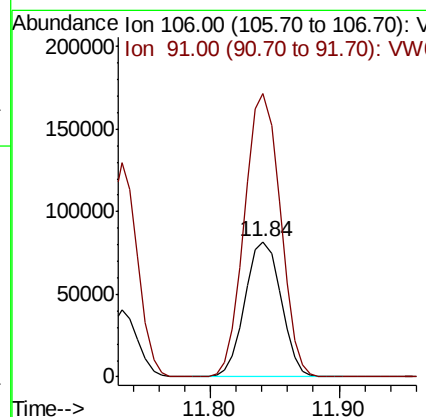
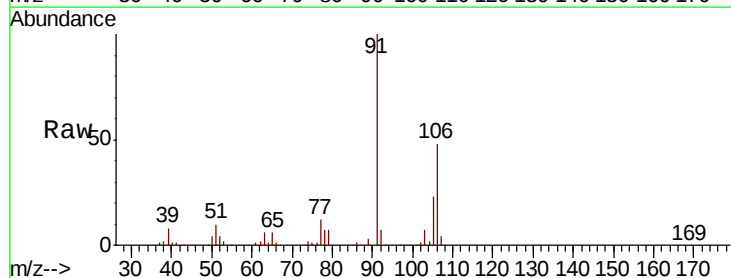
Instrument :
MSVOA_W
ClientSampleId :

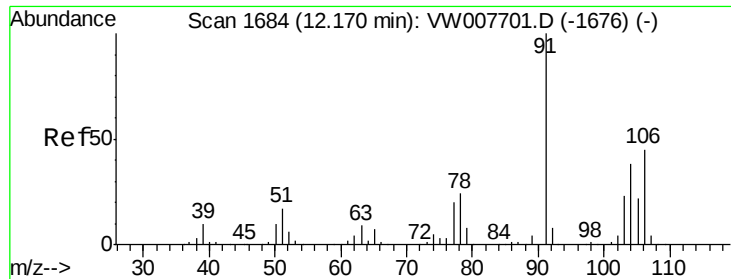
Tot Ion: 91 Resp: 207079
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8



#68
m/p-Xylenes
Concen: 101.570 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 106 Resp: 158831
Ion Ratio Lower Upper
106 100
91 208.6 165.2 247.8

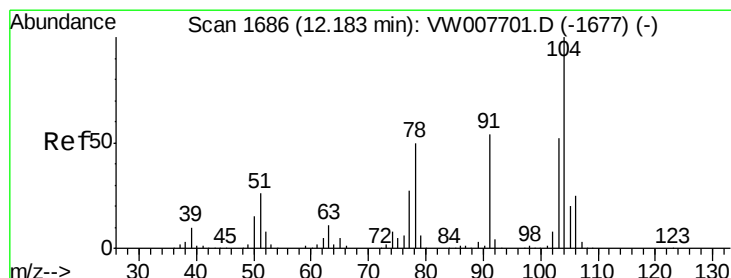
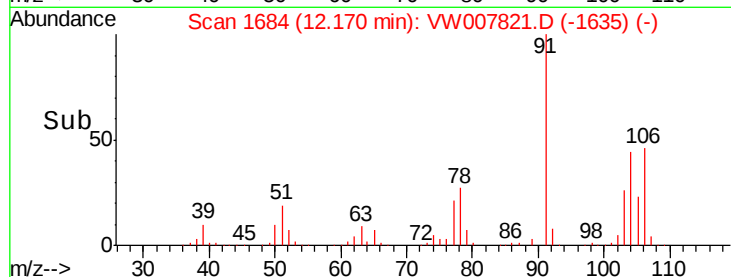
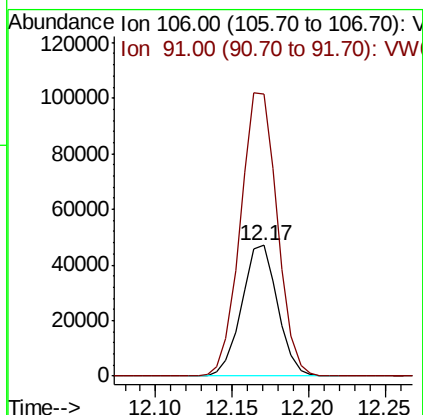
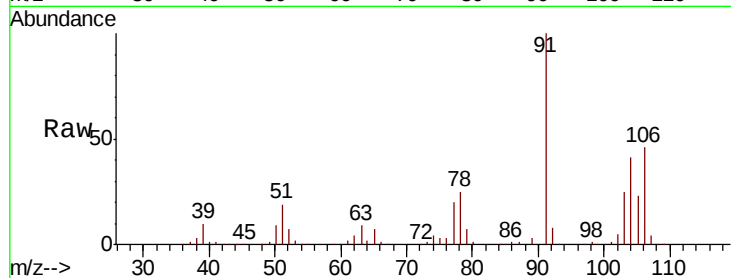




#69
o-Xylene
Concen: 52.445 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

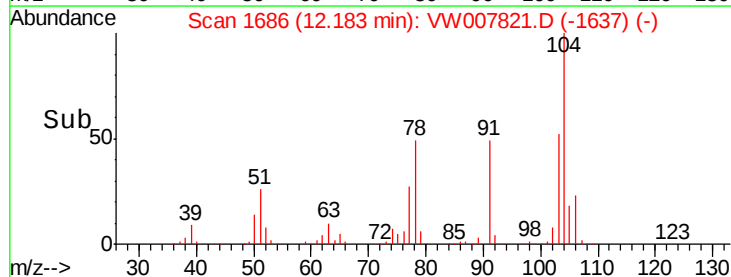
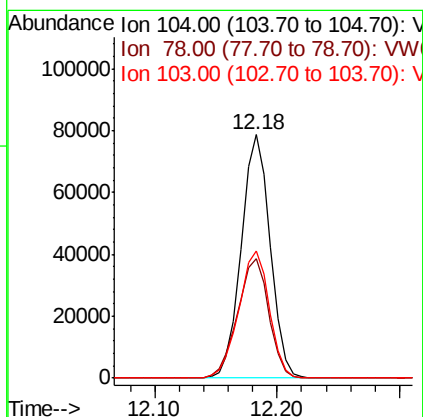
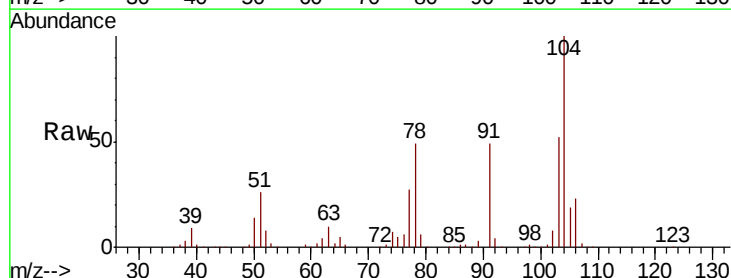
Instrument :
MSVOA_W
ClientSampled :

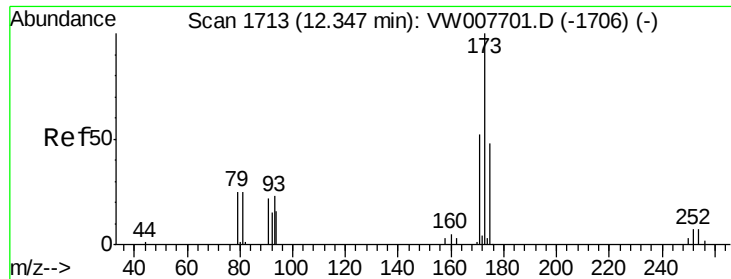
Tot Ion:106 Resp: 76875
Ion Ratio Lower Upper
106 100
91 221.6 110.5 331.4



#70
Styrene
Concen: 53.371 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion:104 Resp: 128598
Ion Ratio Lower Upper
104 100
78 53.3 43.4 65.0
103 55.7 44.5 66.7

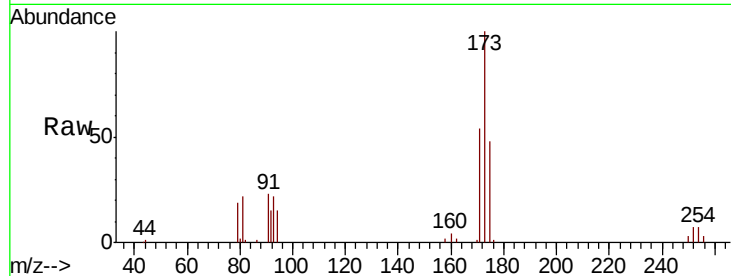




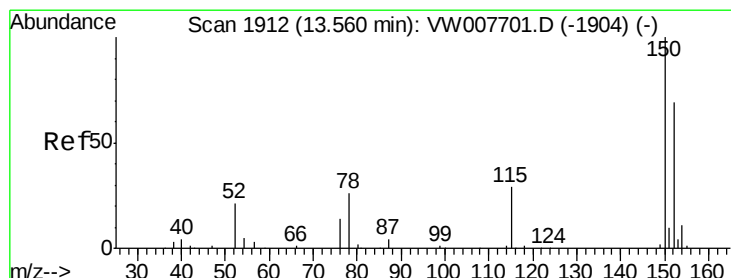
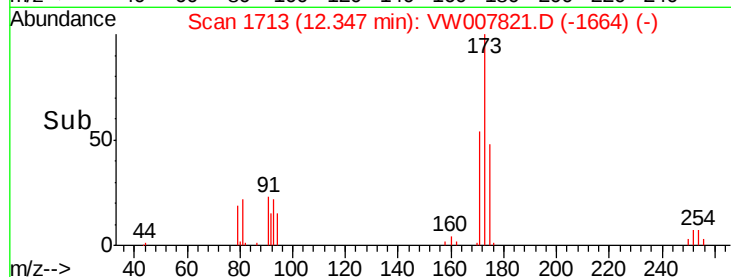
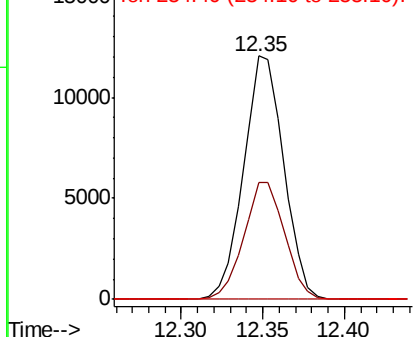
#71
Bromoform
Concen: 47.210 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 20572
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.7
254 0.0 0.0 0.0

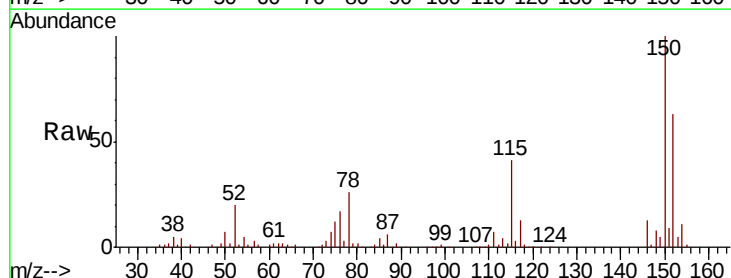


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

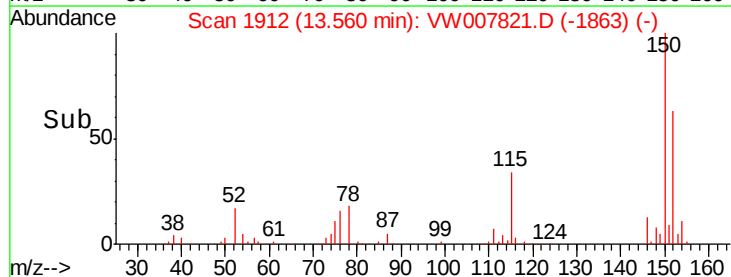
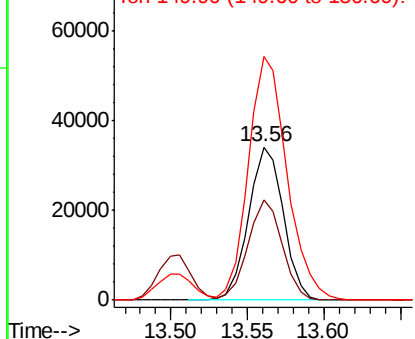


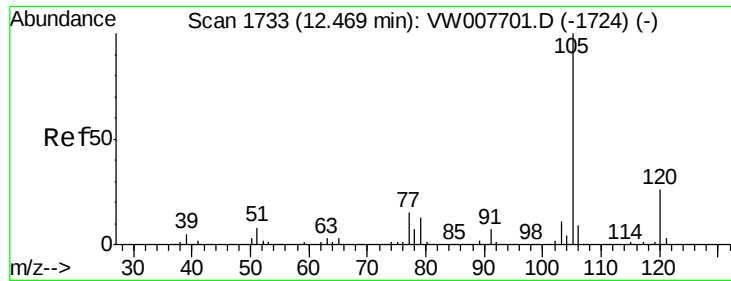
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion:152 Resp: 53809
Ion Ratio Lower Upper
152 100
115 64.3 31.8 95.4
150 176.7 0.0 350.8



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: 52.599 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

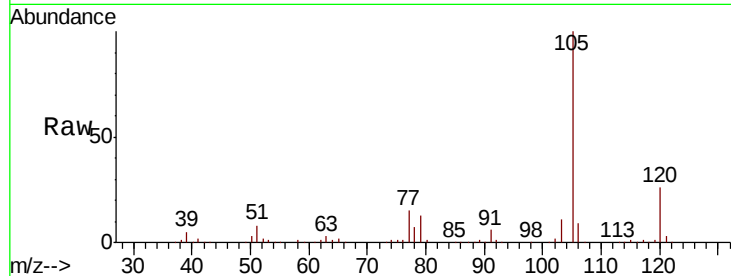
ClientSampleId :

Tot Ion:105 Resp: 213939

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

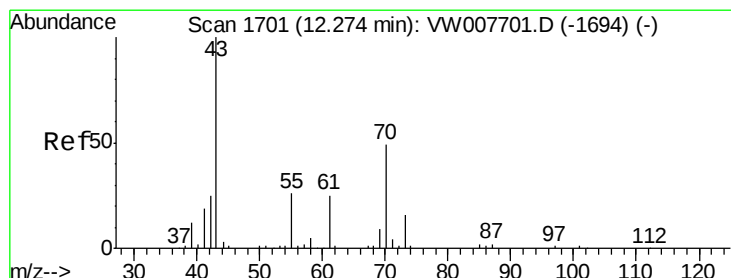
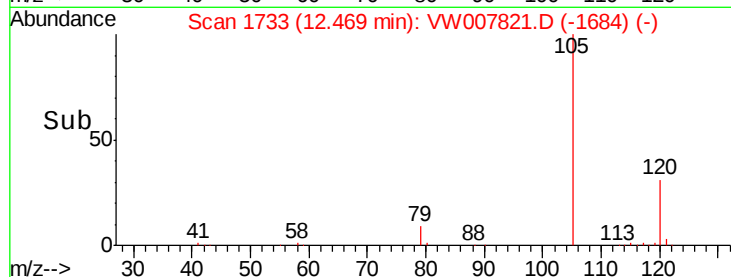
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 62.318 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Tgt Ion: 43 Resp: 43905

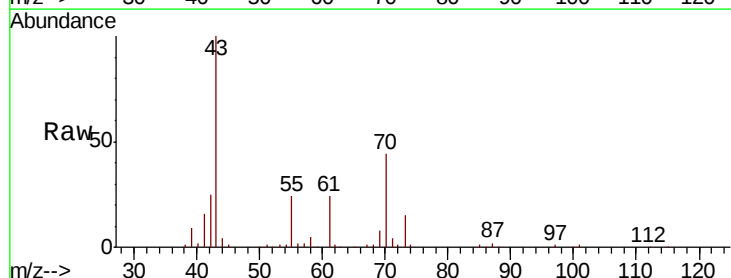
Ion Ratio Lower Upper

43 100

70 45.0 37.6 56.4

55 24.7 21.7 32.5

61 25.6 20.1 30.1



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

40000

30000

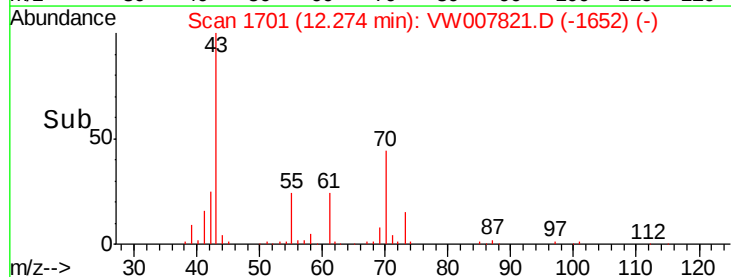
20000

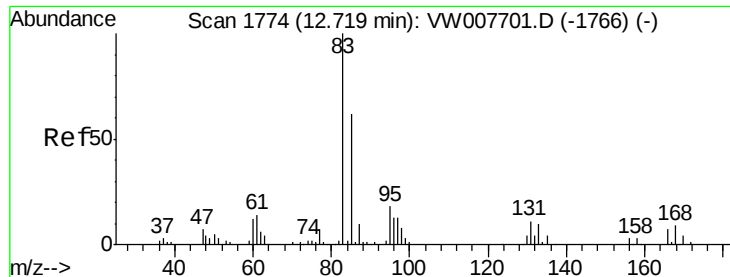
10000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 58.232 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

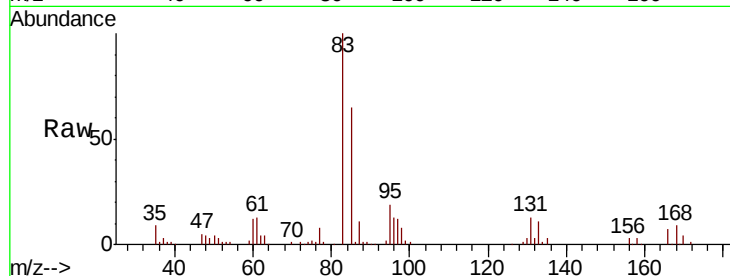
Tot Ion: 83 Resp: 35512

Ion Ratio Lower Upper

83 100

131 12.2 6.3 18.8

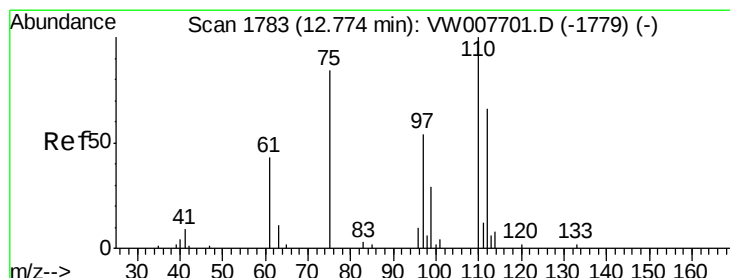
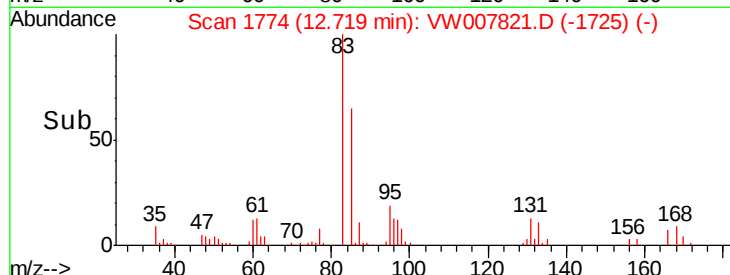
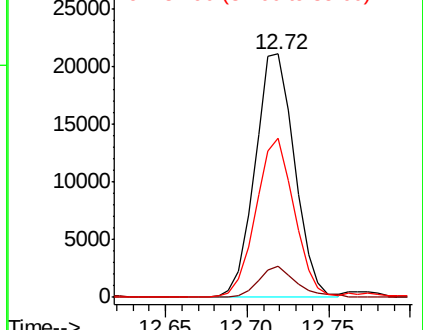
85 63.0 32.3 96.8



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: 114.917 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007821.D

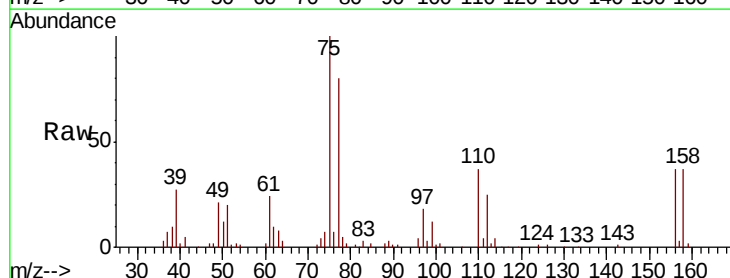
Acq: 22 Dec 2018 03:12

Tgt Ion: 75 Resp: 47793

Ion Ratio Lower Upper

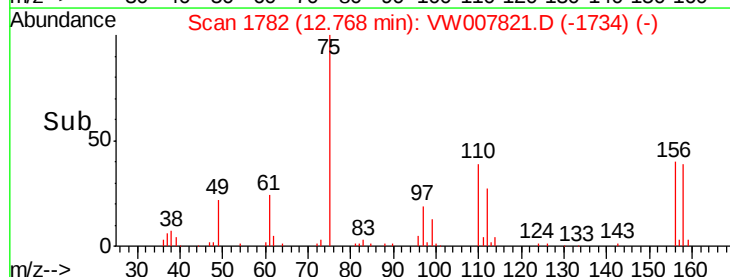
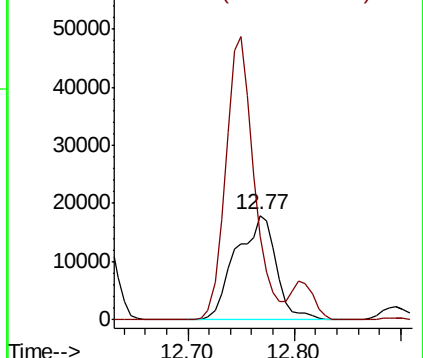
75 100

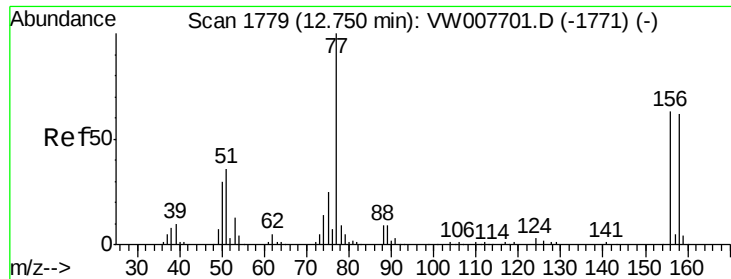
77 188.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.176 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

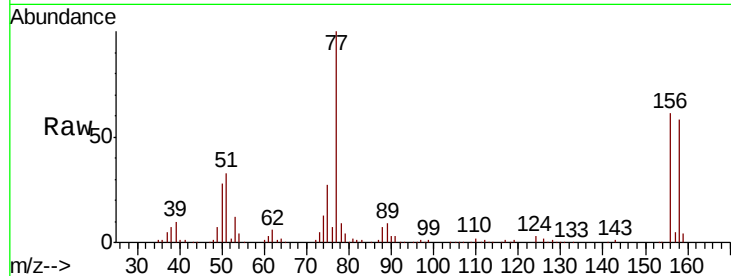
Tot Ion:156 Resp: 49567

Ion Ratio Lower Upper

156 100

77 181.8 87.4 262.1

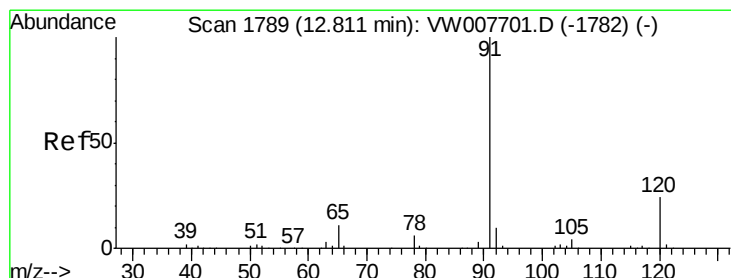
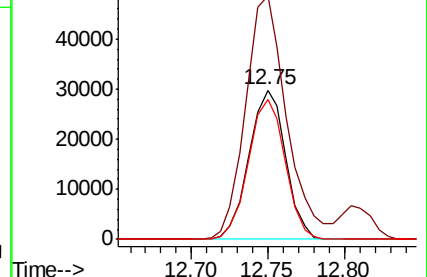
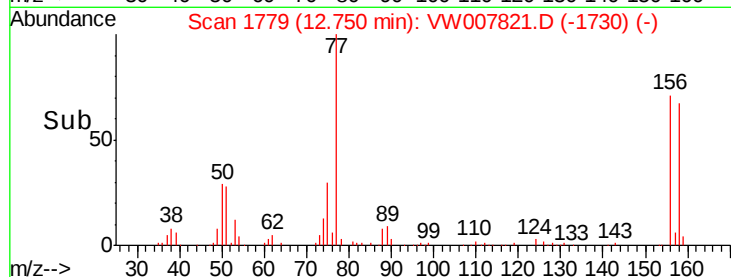
158 94.1 48.4 145.0



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: 51.652 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007821.D

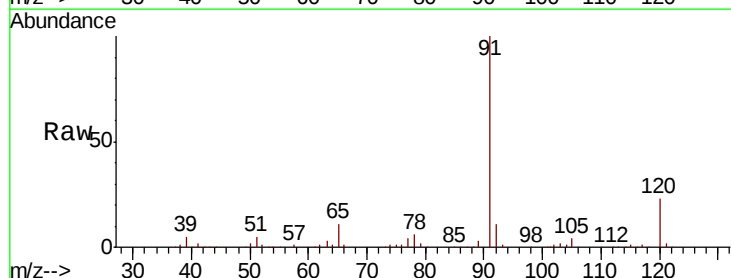
Acq: 22 Dec 2018 03:12

Tgt Ion: 91 Resp: 244553

Ion Ratio Lower Upper

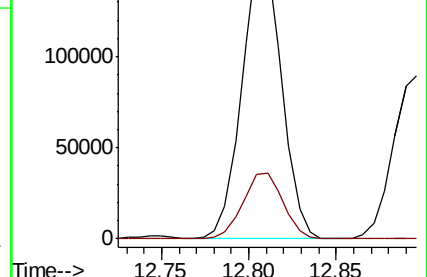
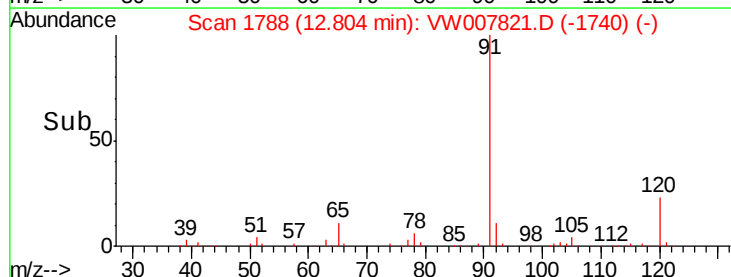
91 100

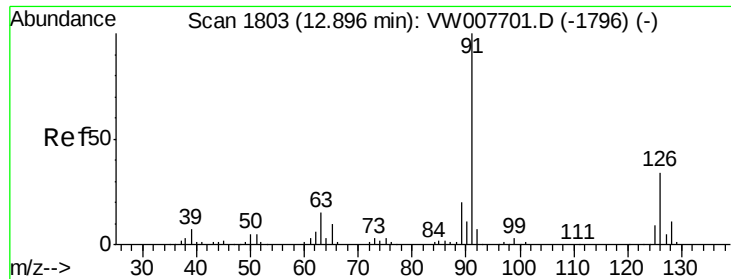
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

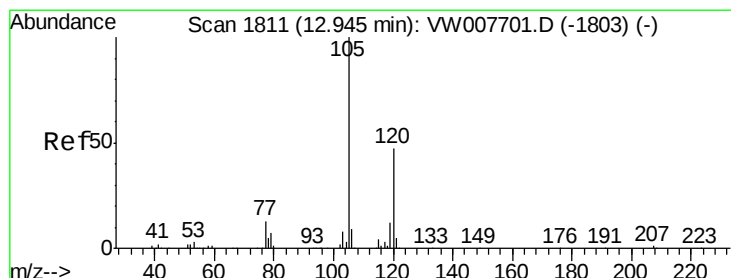
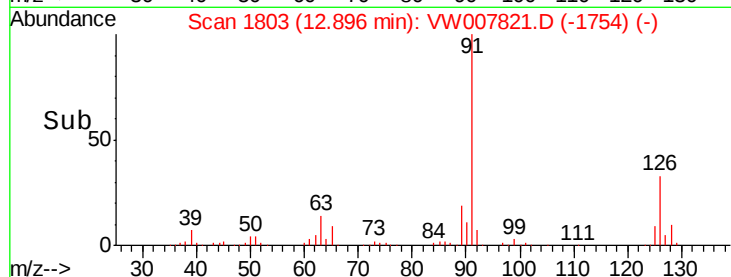
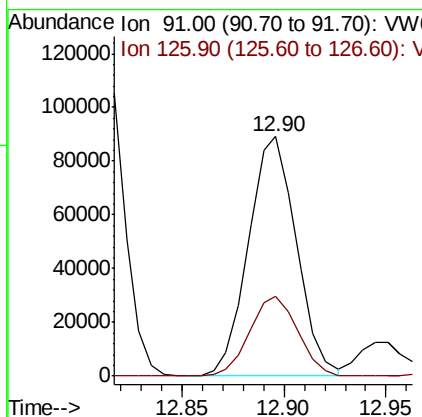
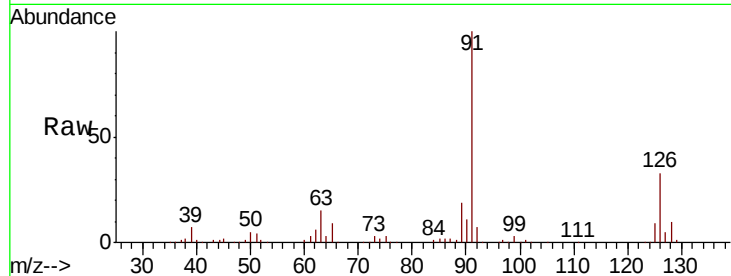




#79
 2-Chlorotoluene
 Concen: 52.886 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

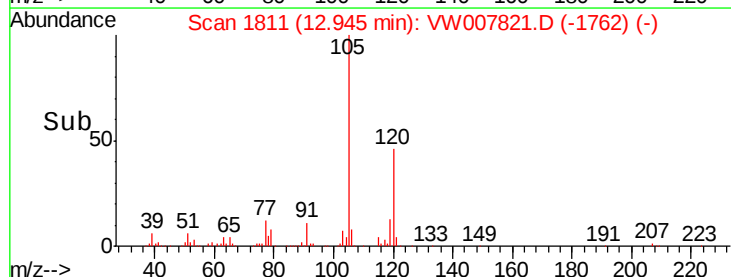
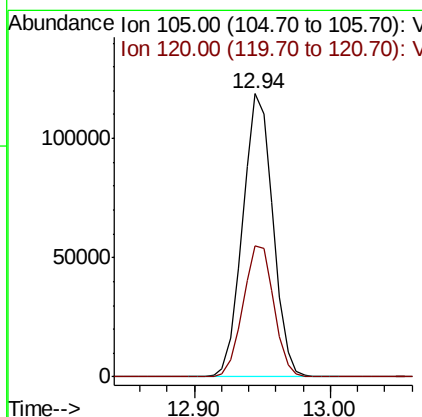
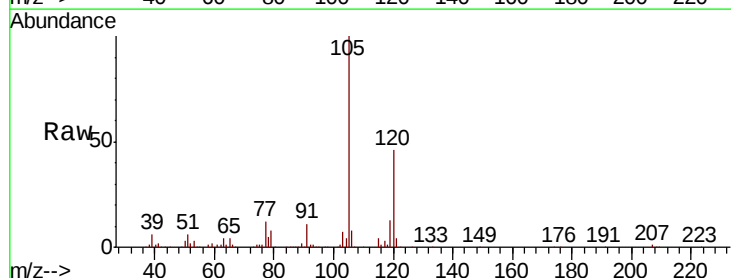
Instrument :
 MSVOA_W
 ClientSampleId :

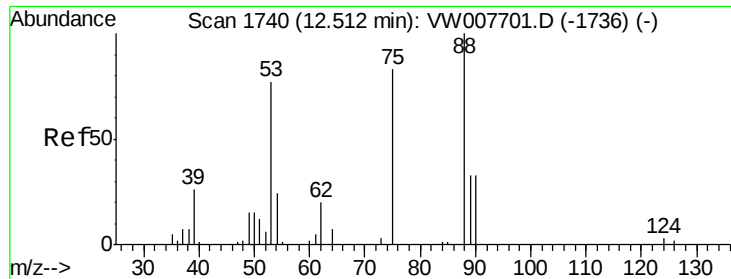
Tot Ion: 91 Resp: 145870
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.524 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion: 105 Resp: 184273
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.6 70.8

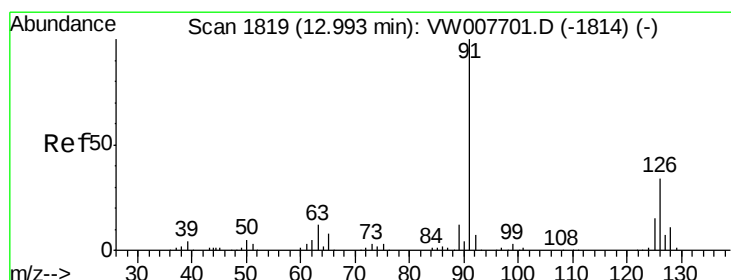
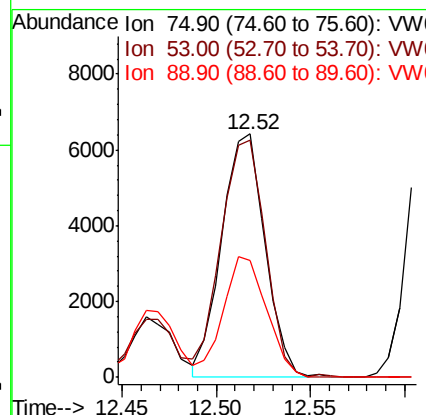
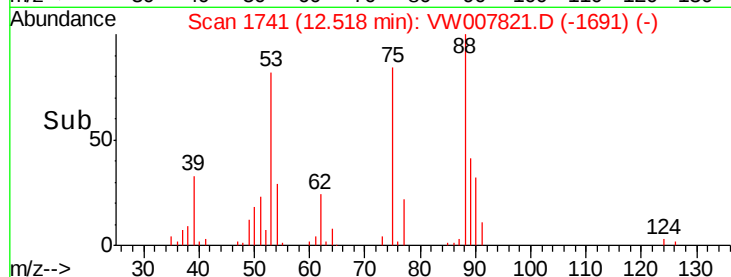
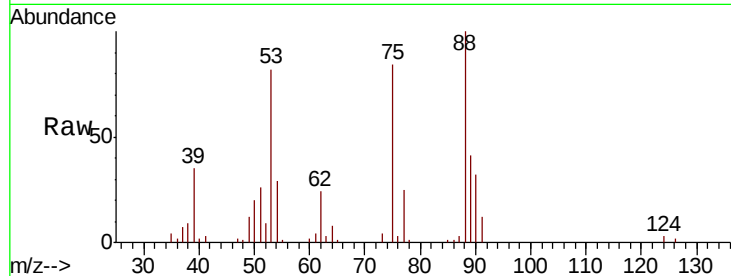




#81
trans-1,4-Dichloro-2-butene
Concen: 51.960 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

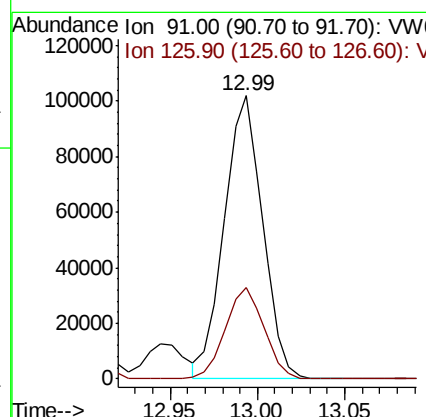
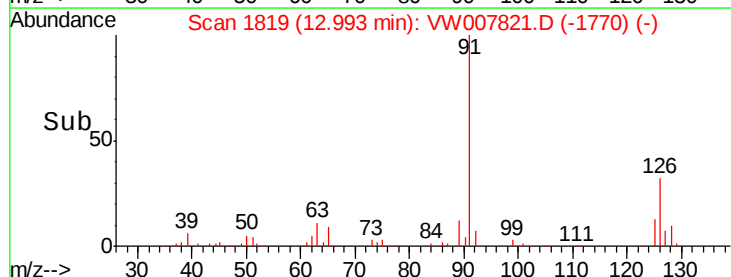
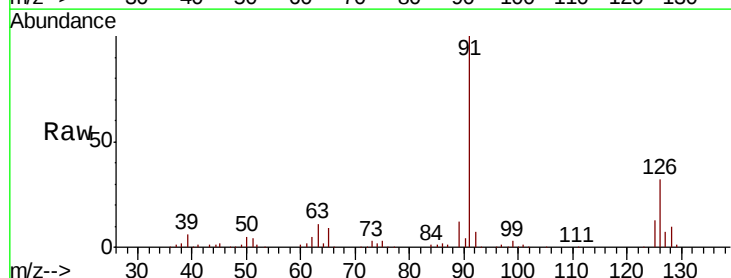
Instrument :
MSVOA_W
ClientSampled :

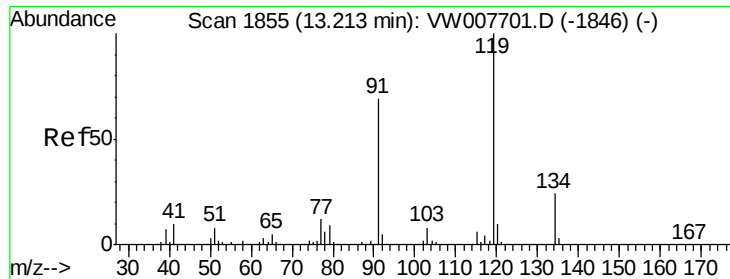
Tot Ion: 75 Resp: 10295
Ion Ratio Lower Upper
75 100
53 99.6 80.2 120.2
89 49.6 39.2 58.8



#82
4-Chlorotoluene
Concen: 53.025 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion: 91 Resp: 155725
Ion Ratio Lower Upper
91 100
126 32.5 16.5 49.5

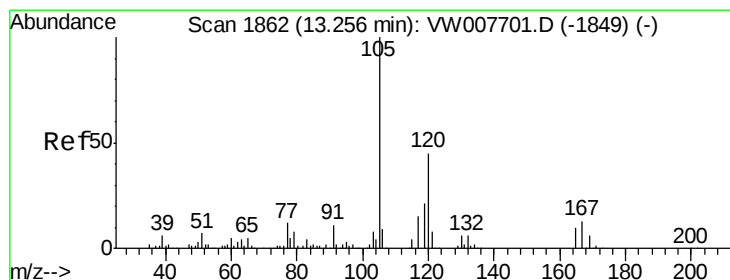
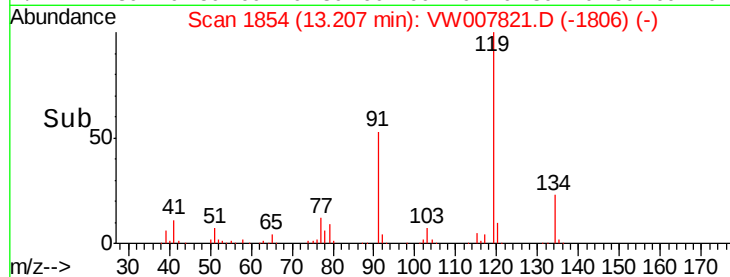
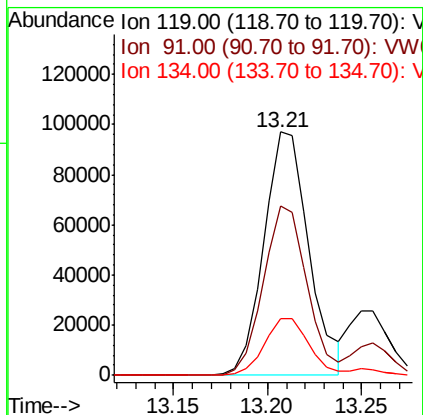
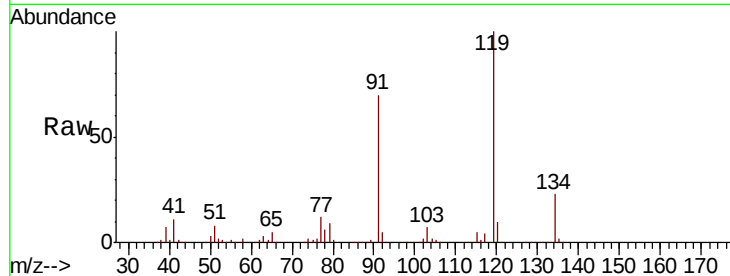




#83
 tert-Butylbenzene
 Concen: 52.335 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

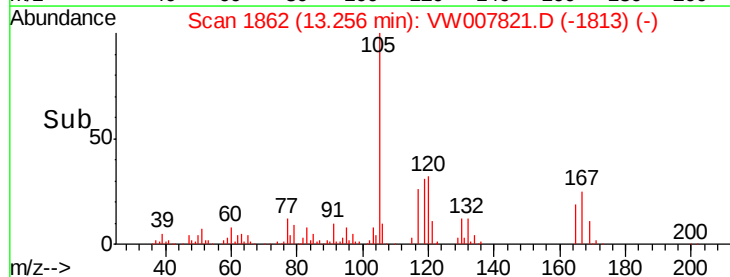
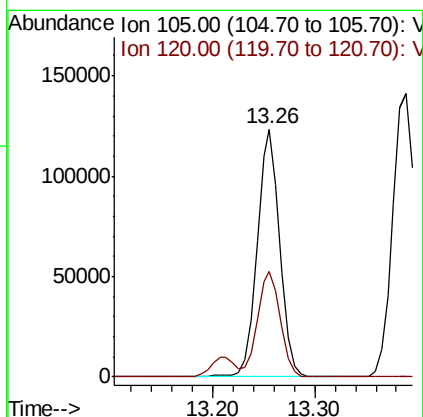
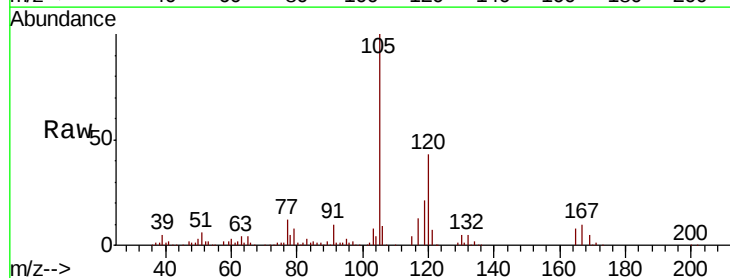
Instrument :
 MSVOA_W
 ClientSampleId :

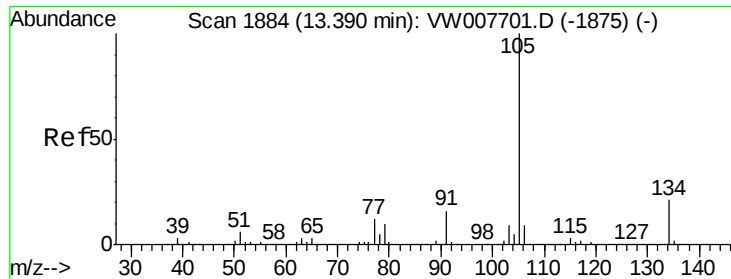
Tot Ion:119 Resp: 161105
 Ion Ratio Lower Upper
 119 100
 91 67.3 34.2 102.5
 134 23.3 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.463 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion:105 Resp: 189269
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.0 66.0

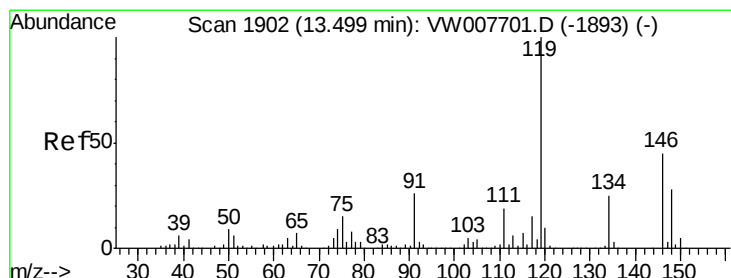
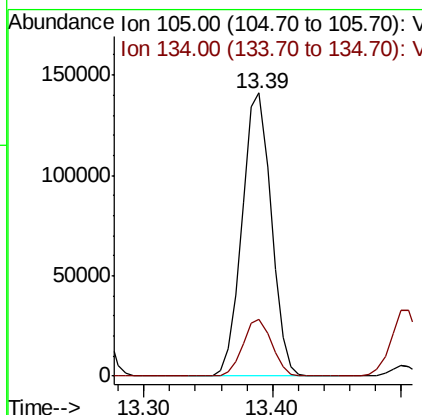
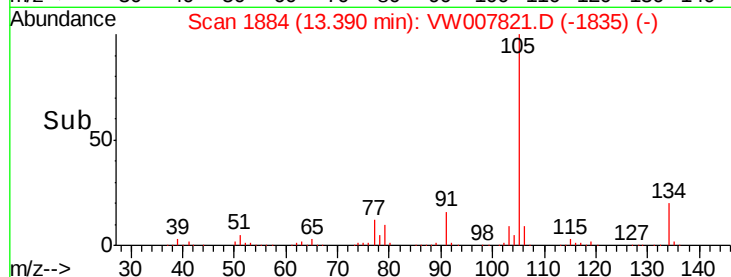
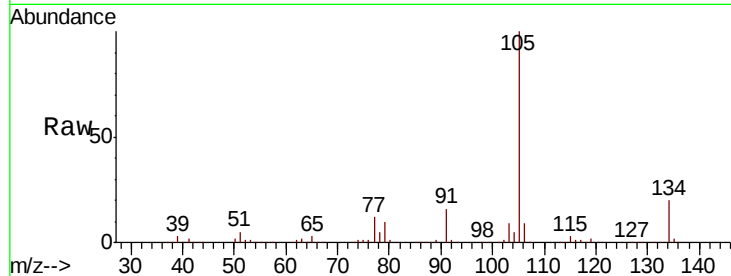




#85
 sec-Butylbenzene
 Concen: 51.894 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

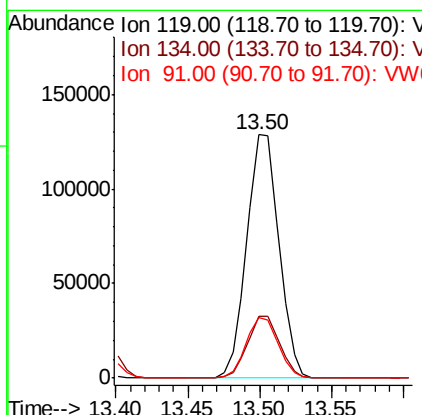
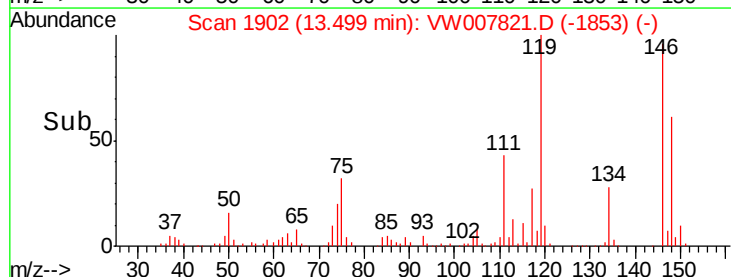
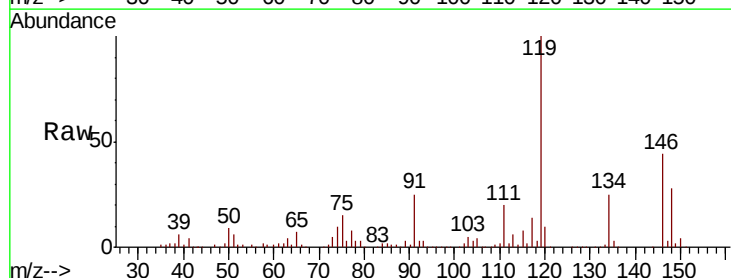
Instrument :
 MSVOA_W
 ClientSampled :

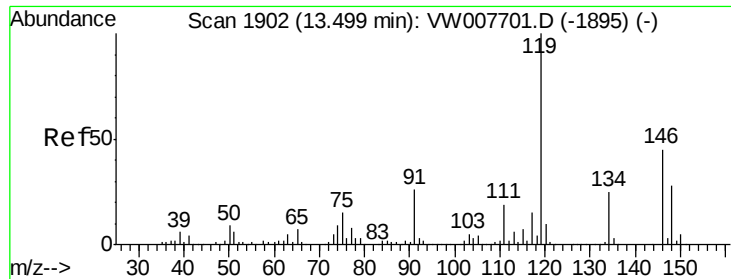
Tot Ion:105 Resp: 220159
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 51.508 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion:119 Resp: 198707
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.8 12.8 38.4

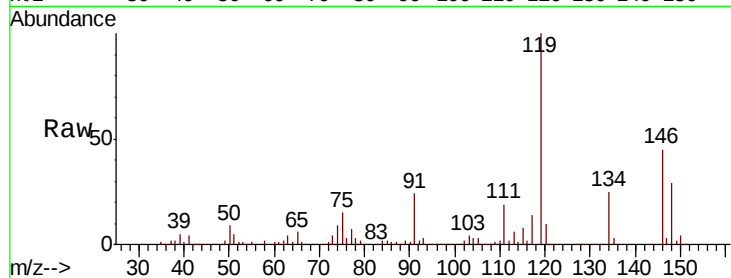




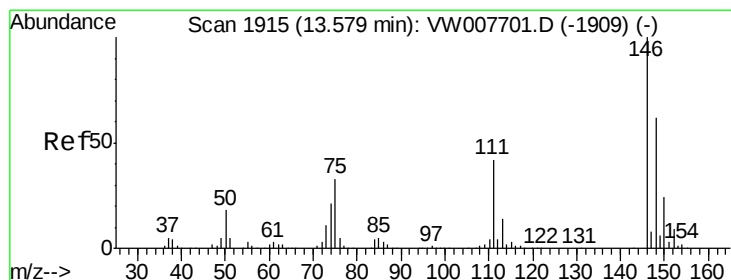
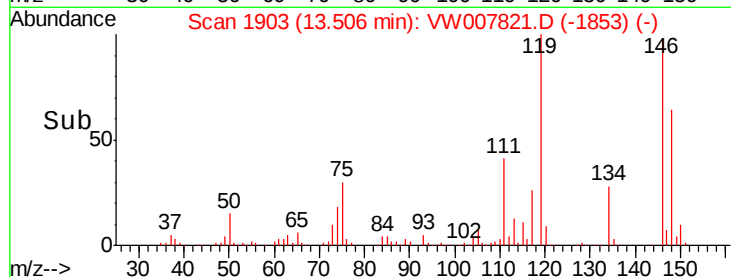
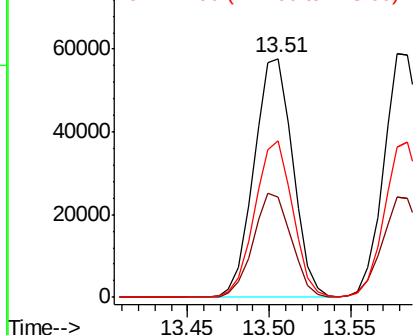
#87
 1,3-Dichlorobenzene
 Concen: 51.760 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:146 Resp: 95794
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.1 63.4
 148 64.0 32.1 96.5

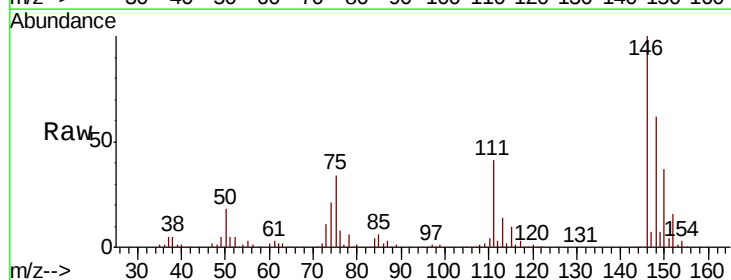


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

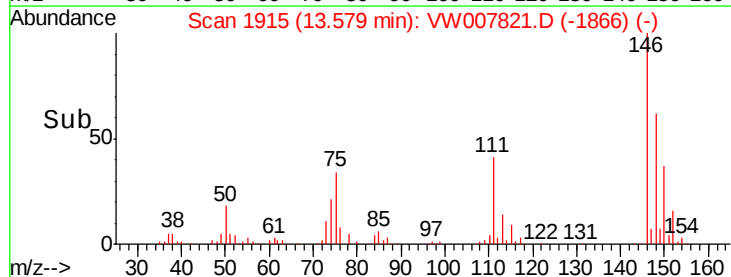
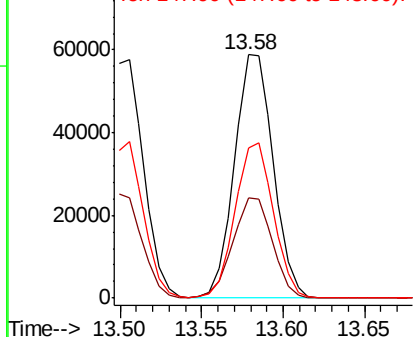


#88
 1,4-Dichlorobenzene
 Concen: 52.648 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion:146 Resp: 97466
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.0 63.0
 148 63.2 31.8 95.4



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: 50.956 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

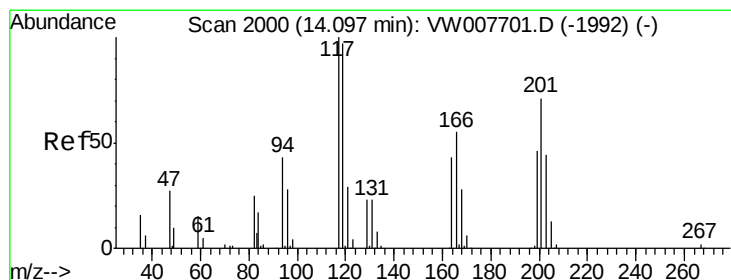
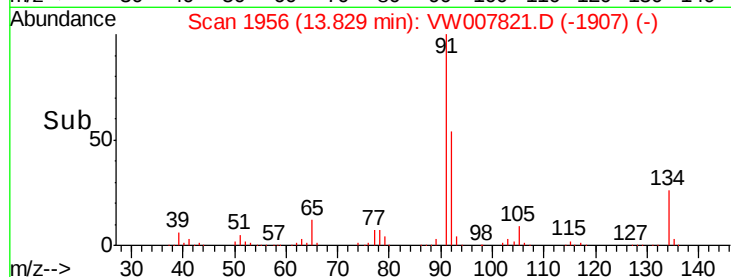
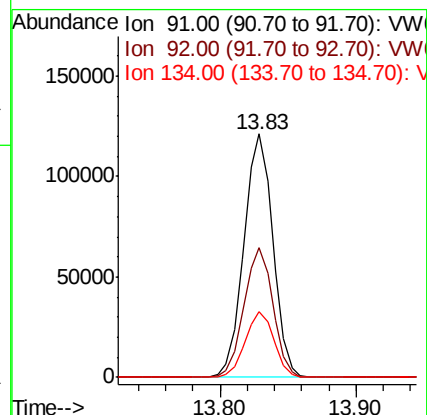
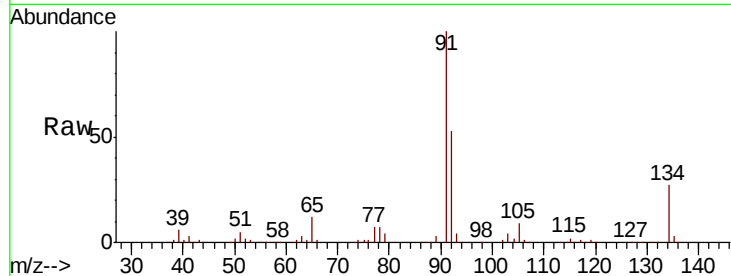
Tot Ion: 91 Resp: 180238

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 26.8 13.7 41.0



#90

Hexachloroethane

Concen: 45.719 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007821.D

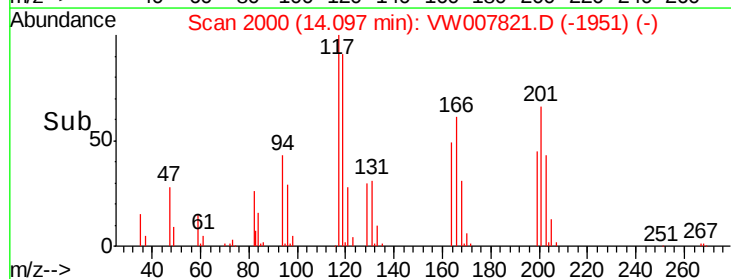
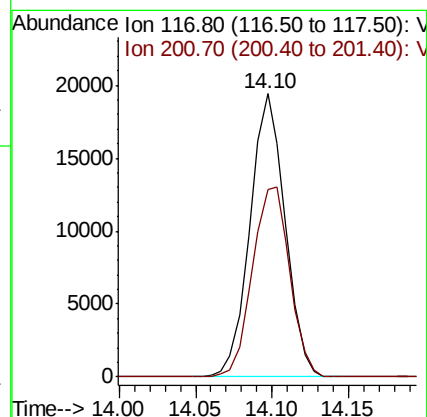
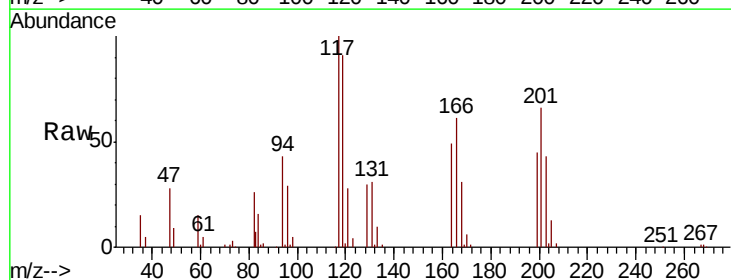
Acq: 22 Dec 2018 03:12

Tgt Ion: 117 Resp: 30964

Ion Ratio Lower Upper

117 100

201 71.6 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 53.113 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

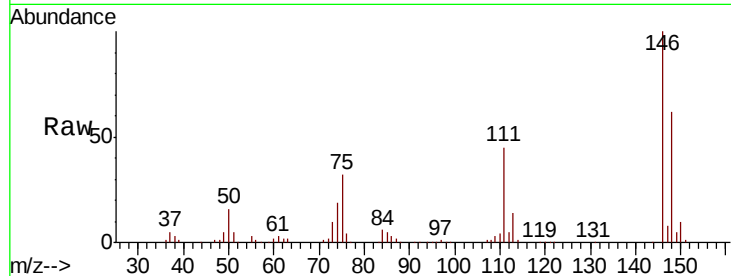
Tot Ion:146 Resp: 88011

Ion Ratio Lower Upper

146 100

111 43.8 21.7 65.1

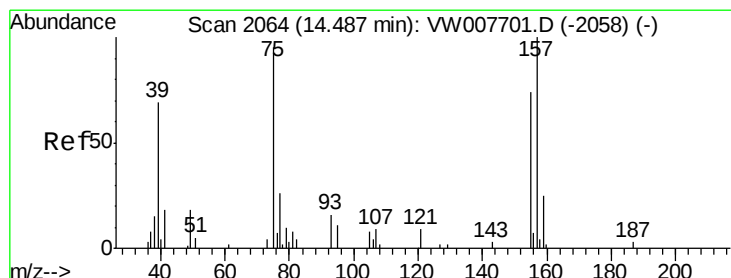
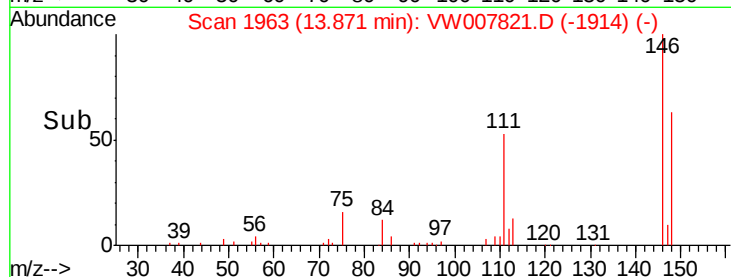
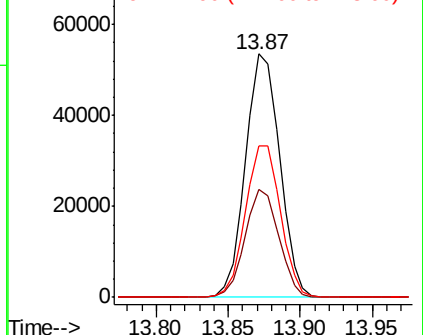
148 63.8 32.1 96.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.181 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW007821.D

Acq: 22 Dec 2018 03:12

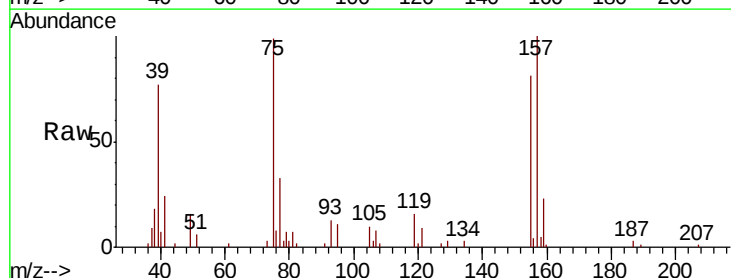
Tgt Ion: 75 Resp: 6535

Ion Ratio Lower Upper

75 100

155 86.3 39.4 118.1

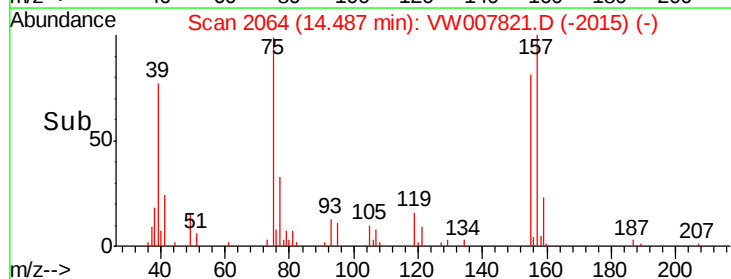
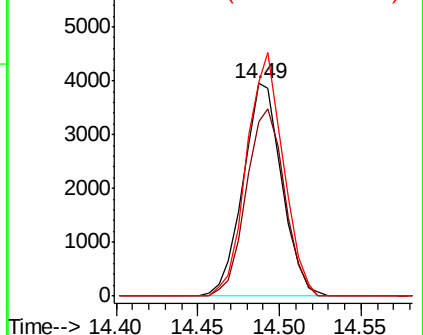
157 107.8 52.0 156.0

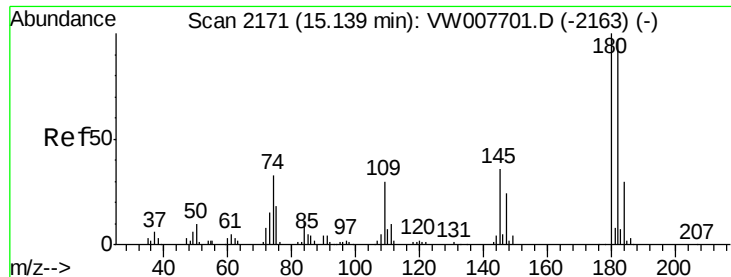


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

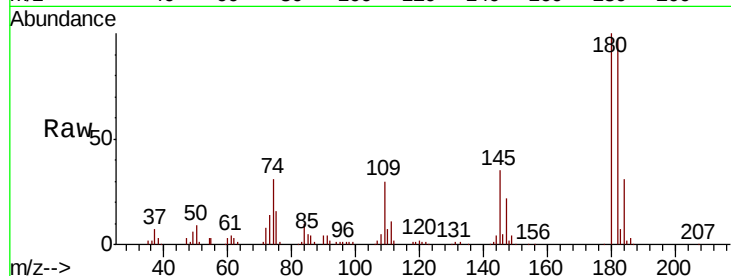




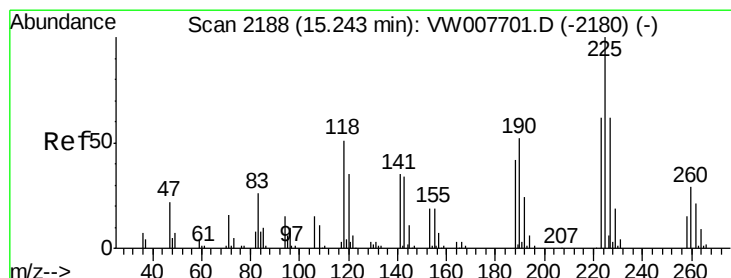
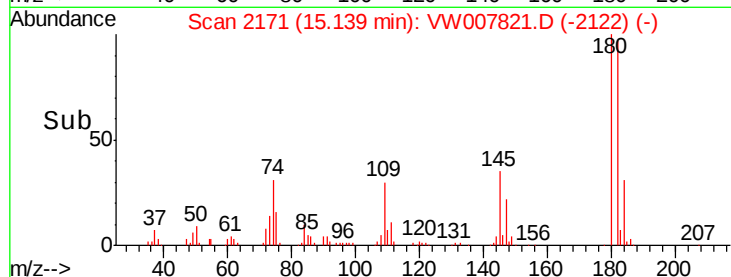
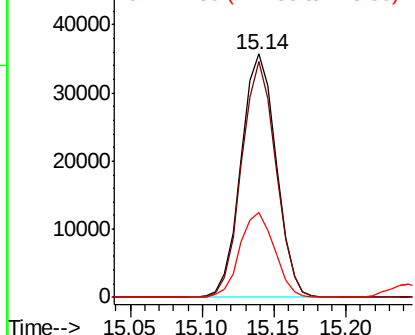
#93
 1,2,4-Trichlorobenzene
 Concen: 52.547 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 60441
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.5 142.6
 145 34.4 17.5 52.5

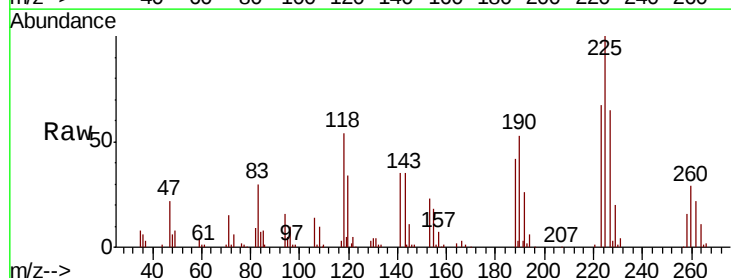


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

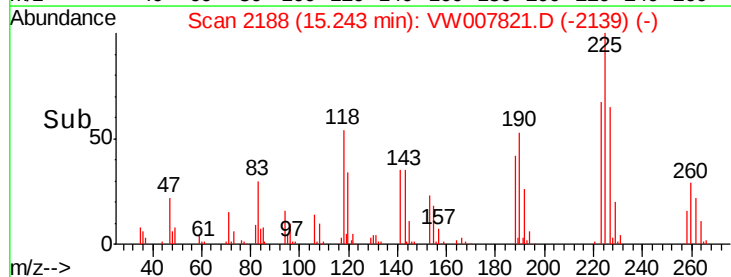
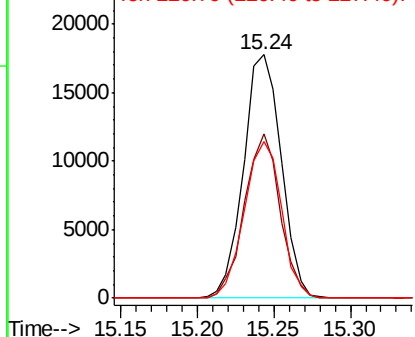


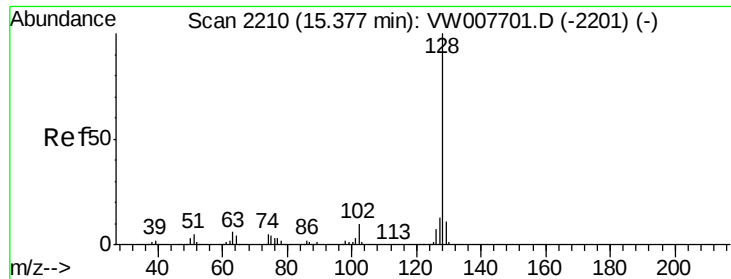
#94
 Hexachlorobutadiene
 Concen: 49.624 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007821.D
 Acq: 22 Dec 2018 03:12

Tgt Ion:225 Resp: 30504
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 94.8
 227 63.5 32.1 96.3



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

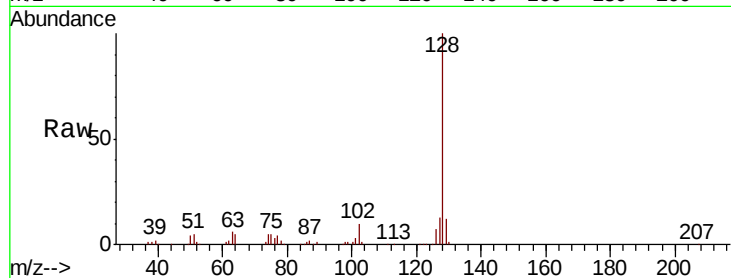




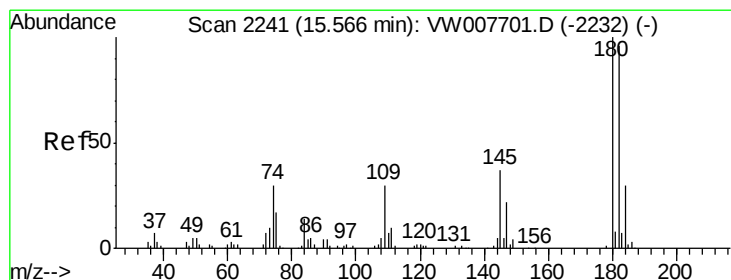
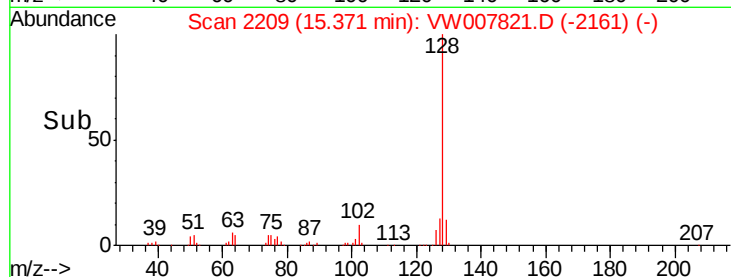
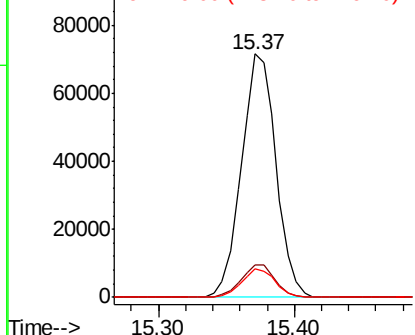
#95
Naphthalene
Concen: 59.609 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 126765
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.8 13.2

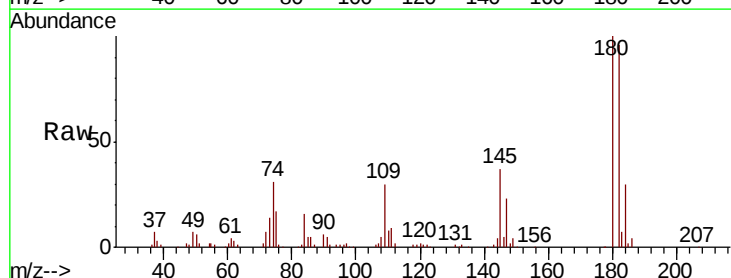


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.813 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007821.D
Acq: 22 Dec 2018 03:12

Tgt Ion:180 Resp: 52984
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 36.6 18.4 55.0



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

