

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122318\
 Data File : VW007826.D
 Acq On : 22 Dec 2018 07:31
 Operator : SY/AP
 Sample : VW1223SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

Quant Time: Dec 23 23:46:44 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	65372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37495	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.88	113	33098	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.32	98	126248	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	49475	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10848	18.666	ug/l	98
3) Chloromethane	2.21	50	9331	26.148	ug/l	97
4) Vinyl Chloride	2.37	62	11405	25.106	ug/l	91
5) Bromomethane	2.78	94	7913	25.009	ug/l	98
6) Chloroethane	2.93	64	6540	26.910	ug/l	99
7) Trichlorofluoromethane	3.26	101	8735	18.470	ug/l	94
8) Diethyl Ether	3.68	74	8040	27.755	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14561	20.905	ug/l	99
10) Methyl Iodide	4.27	142	24829	22.416	ug/l	97
11) Tert butyl alcohol	5.17	59	7266	150.329	ug/l	98
12) 1,1-Dichloroethene	4.04	96	14117	21.888	ug/l	97
13) Acrolein	3.89	56	4186	108.317	ug/l	97
14) Allyl chloride	4.67	41	21025	24.858	ug/l	92
15) Acrylonitrile	5.37	53	17102	138.403	ug/l	99
16) Acetone	4.12	43	14508	108.129	ug/l #	86
17) Carbon Disulfide	4.37	76	39246	19.663	ug/l	99
18) Methyl Acetate	4.67	43	9625	30.164	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	26093	28.180	ug/l	97
20) Methylene Chloride	4.91	84	18051	23.569	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	16035	22.605	ug/l	90
22) Diisopropyl ether	6.31	45	42561	26.874	ug/l	98
23) Vinyl Acetate	6.26	43	122331	130.010	ug/l	99
24) 1,1-Dichloroethane	6.21	63	28256	24.252	ug/l	97
25) 2-Butanone	7.17	43	20867	132.779	ug/l	95
26) 2,2-Dichloropropane	7.17	77	15983	18.747	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	18300	24.215	ug/l	99
28) Bromochloromethane	7.51	49	9296	23.402	ug/l #	94
29) Tetrahydrofuran	7.52	42	13964	148.964	ug/l	95
30) Chloroform	7.67	83	30674	23.264	ug/l	97
31) Cyclohexane	7.95	56	24062	22.559	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	26340	21.935	ug/l	98
36) 1,1-Dichloropropene	8.08	75	22995	21.669	ug/l	97
37) Ethyl Acetate	7.26	43	9522	26.000	ug/l	99
38) Carbon Tetrachloride	8.07	117	23149	18.523	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27631	20.954	ug/l	97
40) Benzene	8.32	78	64298	22.706	ug/l	99
41) Methacrylonitrile	7.49	41	6371	30.640	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	21510	22.666	ug/l	98
43) Isopropyl Acetate	8.43	43	19411	26.455	ug/l	96
44) Trichloroethene	9.09	130	18520	21.626	ug/l	96
45) 1,2-Dichloropropane	9.37	63	15234	24.245	ug/l	99
46) Dibromomethane	9.46	93	9059	23.421	ug/l	98
47) Bromodichloromethane	9.65	83	21386	21.032	ug/l	98
48) Methyl methacrylate	9.44	41	9735	26.581	ug/l	97
49) 1,4-Dioxane	9.45	88	3612	589.007	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	46460	133.984	ug/l	99
52) Toluene	10.39	92	42876	22.567	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	21846	21.599	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	24322	21.771	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12784	23.975	ug/l	95
56) Ethyl methacrylate	10.65	69	16169	25.665	ug/l	95
57) 1,3-Dichloropropane	10.93	76	20793	23.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	38688	134.500	ug/l	97
59) 2-Hexanone	10.97	43	31782	130.327	ug/l	99
60) Dibromochloromethane	11.13	129	14467	20.491	ug/l	97
61) 1,2-Dibromoethane	11.24	107	12880	23.853	ug/l	100
64) Tetrachloroethene	10.86	164	17177	24.158	ug/l	98
65) Chlorobenzene	11.66	112	48201	22.179	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	16258	20.936	ug/l	97
67) Ethyl Benzene	11.73	91	83478	22.384	ug/l	95
68) m/p-Xylenes	11.84	106	64075	44.292	ug/l	98
69) o-Xylene	12.16	106	31253	23.047	ug/l	97
70) Styrene	12.18	104	50973	22.867	ug/l	99
71) Bromoform	12.35	173	7974	19.781	ug/l #	97
73) Isopropylbenzene	12.47	105	86074	22.607	ug/l	100
74) N-amyl acetate	12.27	43	17718	26.866	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	14179	24.838	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	18692	48.014	ug/l #	100
77) Bromobenzene	12.75	156	19508	22.358	ug/l	96
78) n-propylbenzene	12.80	91	99215	22.386	ug/l	98
79) 2-Chlorotoluene	12.90	91	58743	22.752	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	74719	22.752	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	3858	20.802	ug/l	98
82) 4-Chlorotoluene	12.99	91	62156	22.610	ug/l	100
83) tert-Butylbenzene	13.21	119	65774	22.826	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	75252	22.708	ug/l	98
85) sec-Butylbenzene	13.39	105	88495	22.284	ug/l	99
86) p-Isopropyltoluene	13.50	119	80243	22.221	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	39109	22.575	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	38698	22.331	ug/l	98
89) n-Butylbenzene	13.83	91	71203	21.505	ug/l	99
90) Hexachloroethane	14.10	117	11686	18.433	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	35598	22.950	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2414	20.592	ug/l	91

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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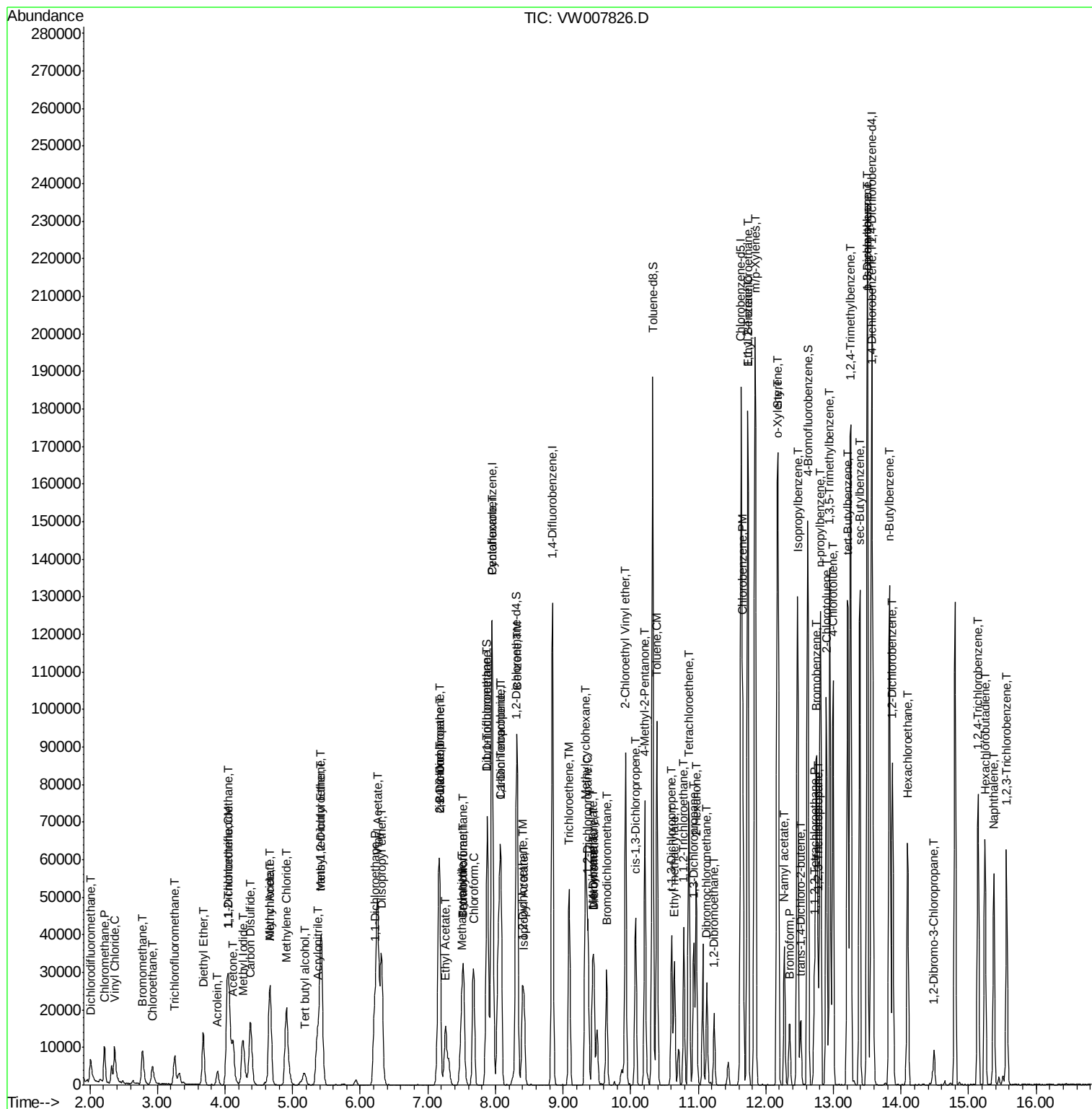
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23976	22.268	ug/l	100
94) Hexachlorobutadiene	15.24	225	12003	20.860	ug/l	97
95) Naphthalene	15.37	128	50753	25.496	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	21156	22.954	ug/l	100

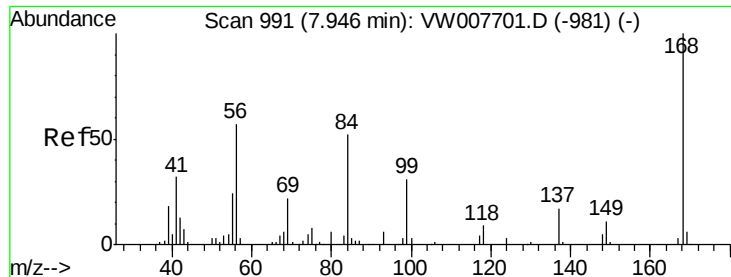
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 20 06:30:23 2018
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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: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

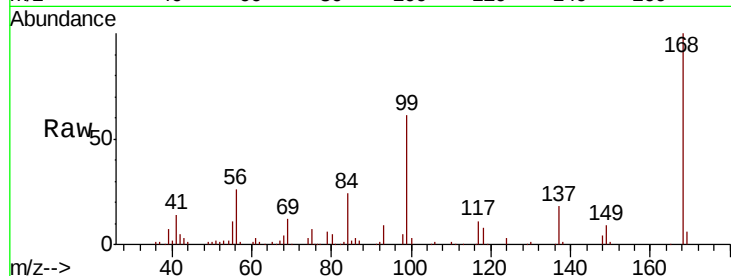
VW1223SBS02

Tgt Ion: 168 Resp: 65372

Ion Ratio Lower Upper

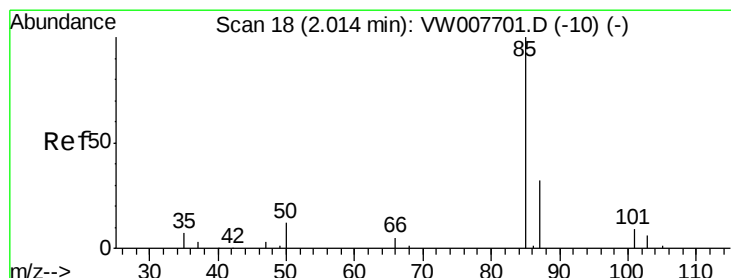
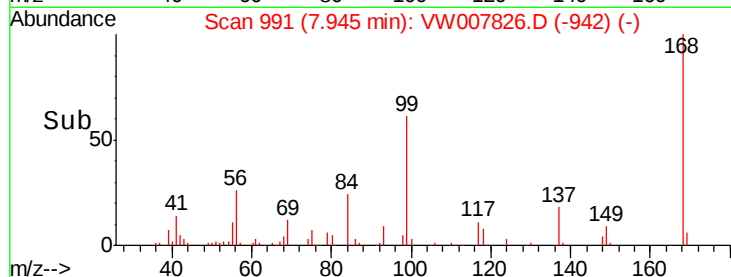
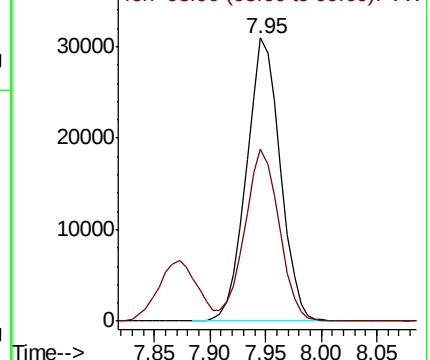
168 100

99 60.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.666 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007826.D

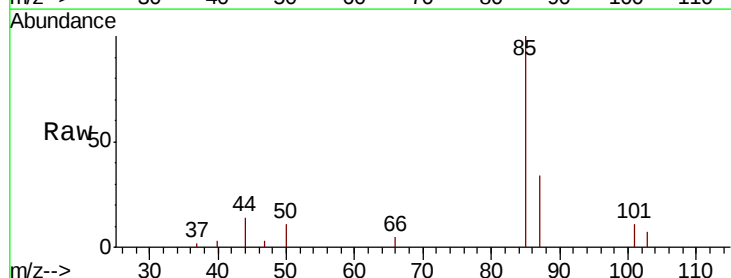
Acq: 22 Dec 2018 07:31

Tgt Ion: 85 Resp: 10848

Ion Ratio Lower Upper

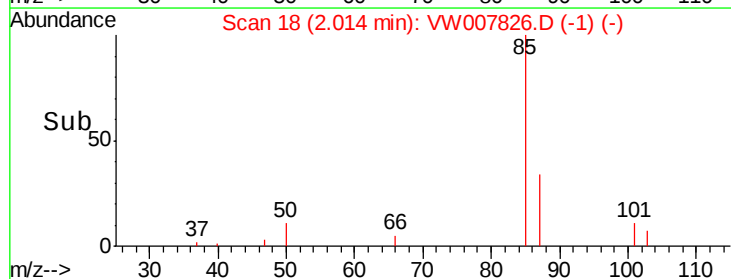
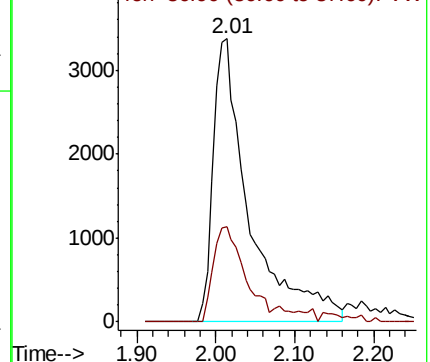
85 100

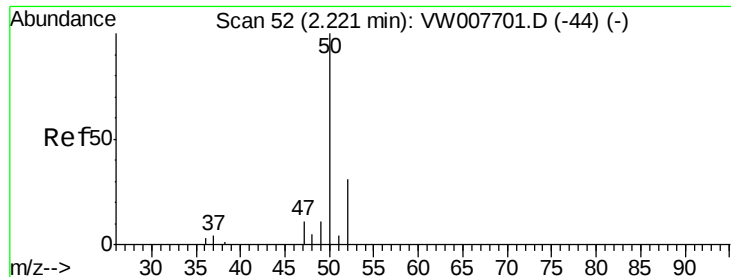
87 33.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 26.148 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

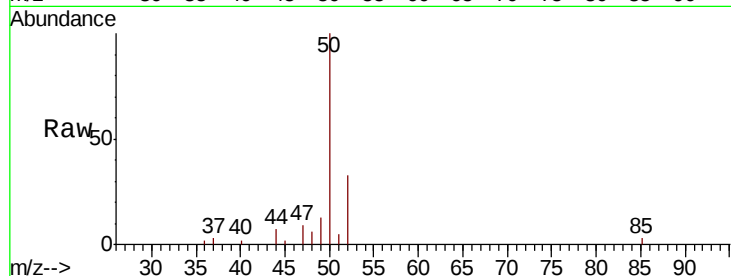
VW1223SBSD02

Tgt Ion: 50 Resp: 9331

Ion Ratio Lower Upper

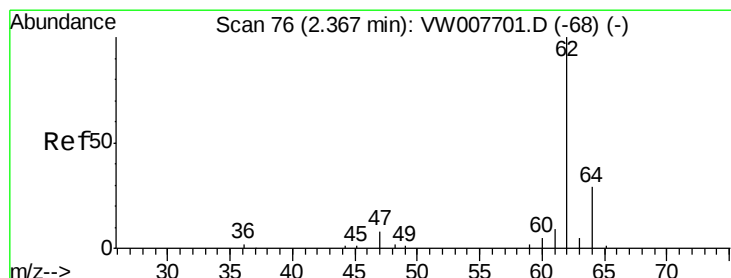
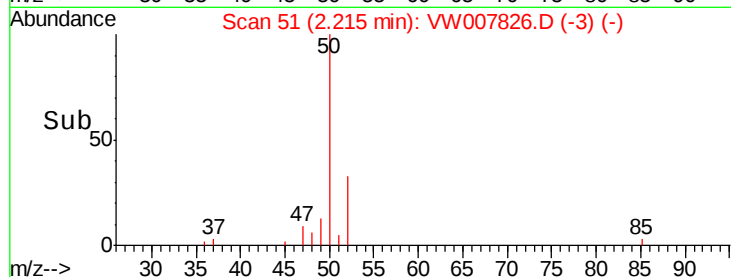
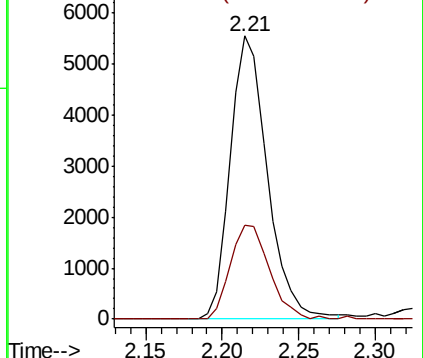
50 100

52 33.2 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 25.106 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007826.D

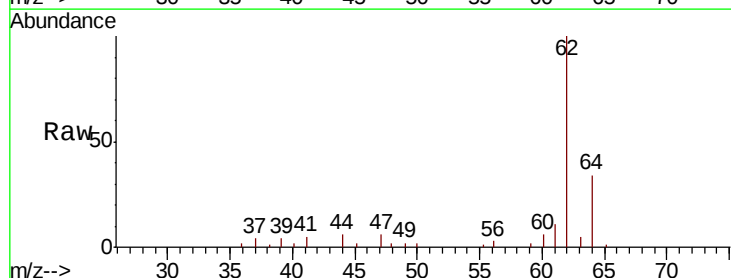
Acq: 22 Dec 2018 07:31

Tgt Ion: 62 Resp: 11405

Ion Ratio Lower Upper

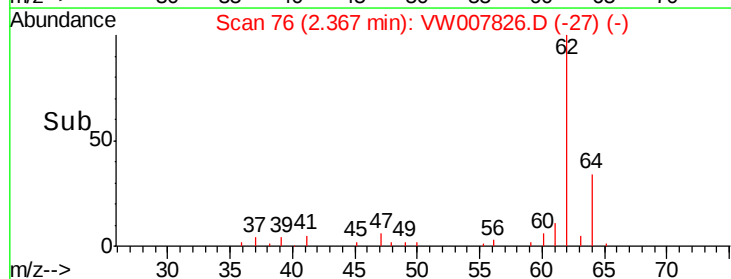
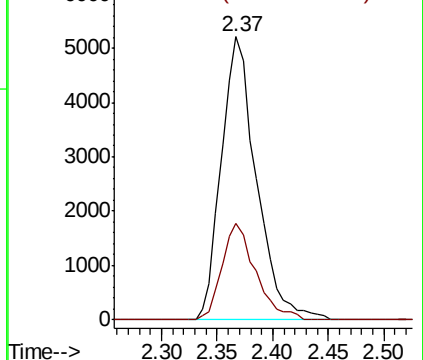
62 100

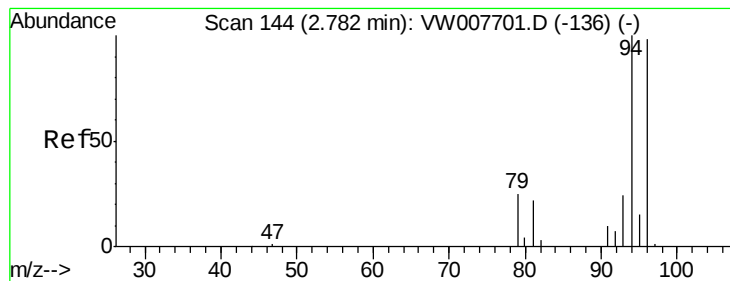
64 33.9 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 25.009 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

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ClientSampleId :

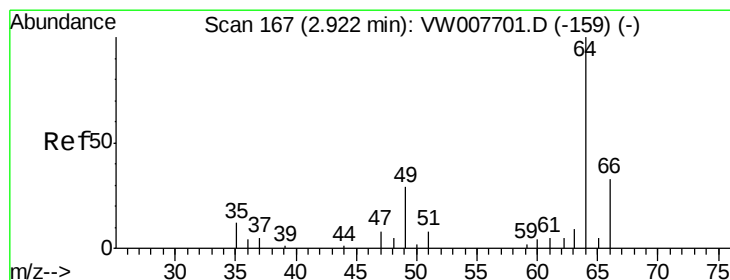
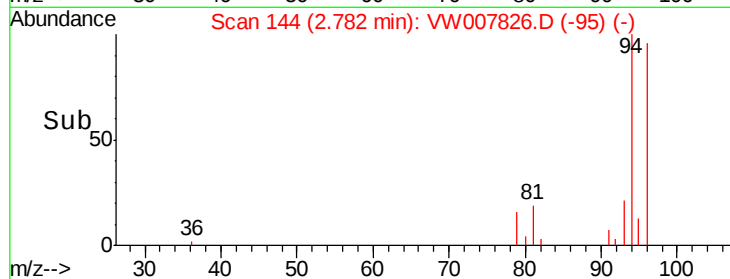
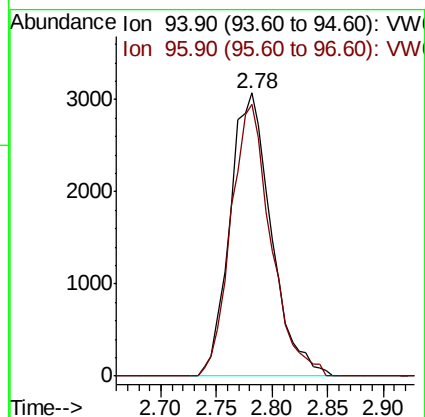
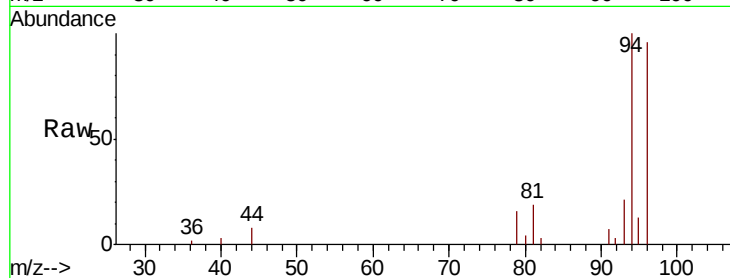
VW1223SBSD02

Tgt Ion: 94 Resp: 7913

Ion Ratio Lower Upper

94 100

96 95.9 78.2 117.2



#6

Chloroethane

Concen: 26.910 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007826.D

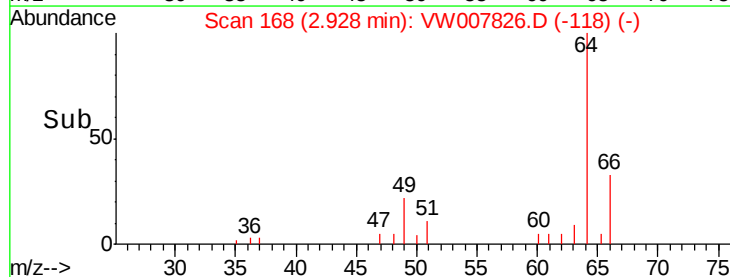
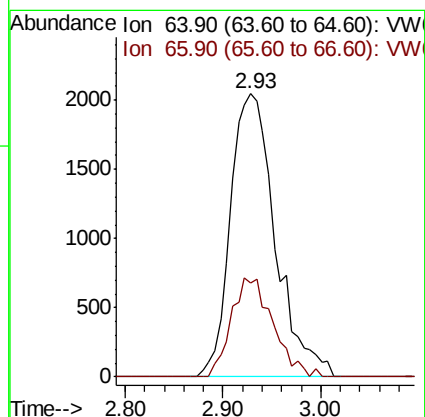
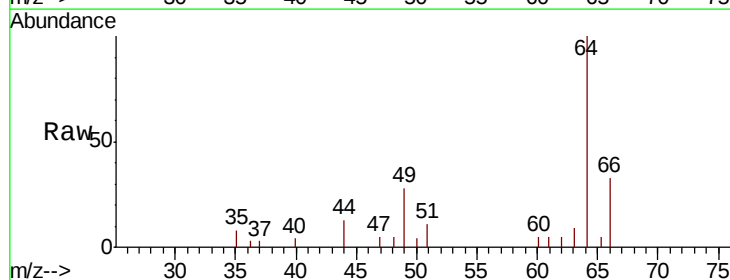
Acq: 22 Dec 2018 07:31

Tgt Ion: 64 Resp: 6540

Ion Ratio Lower Upper

64 100

66 33.2 26.2 39.4



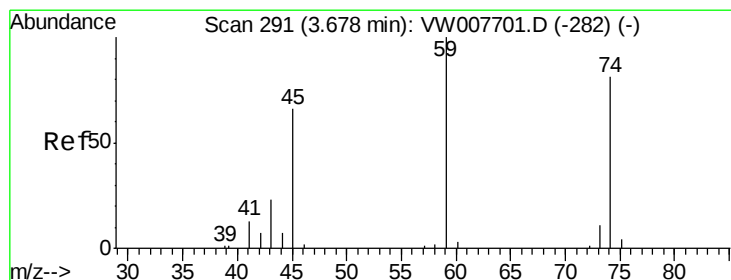
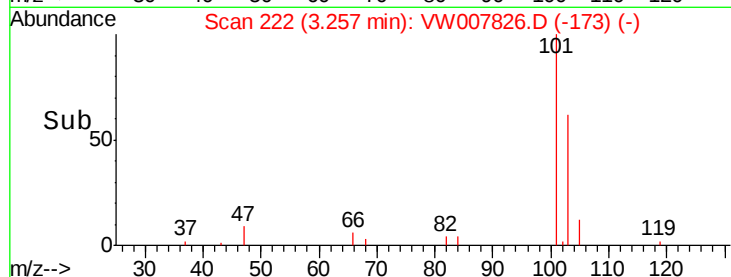
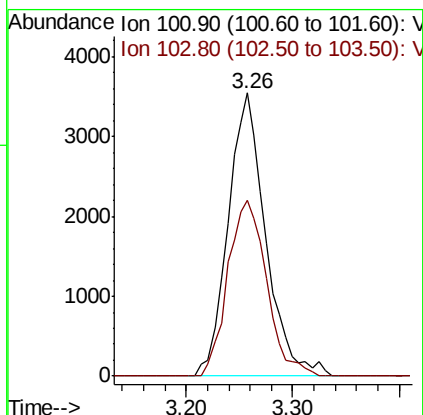
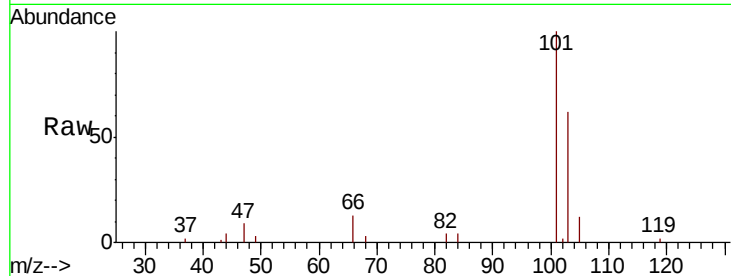


#7

Trichlorofluoromethane
 Concen: 18.470 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Instrument :
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 VW1223SBS02

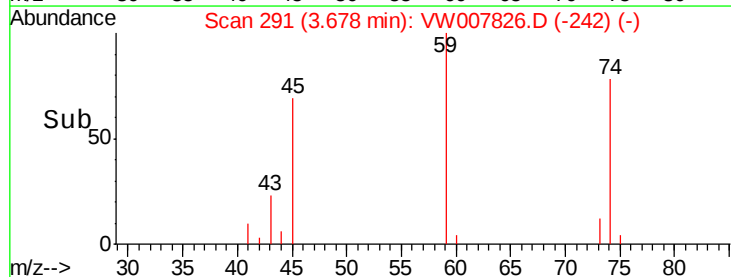
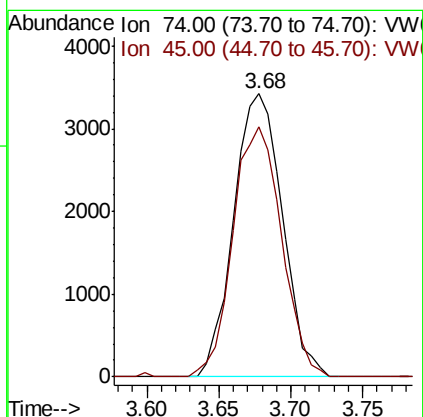
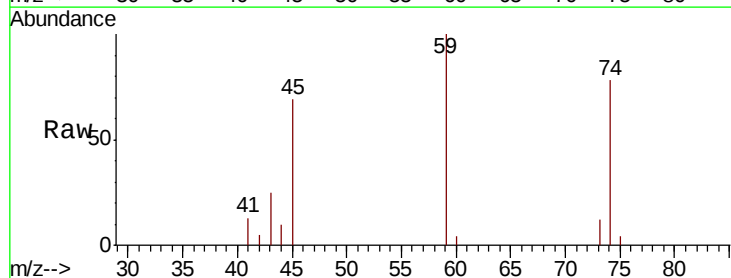
Tgt Ion: 101 Resp: 8735
 Ion Ratio Lower Upper
 101 100
 103 62.0 53.4 80.2

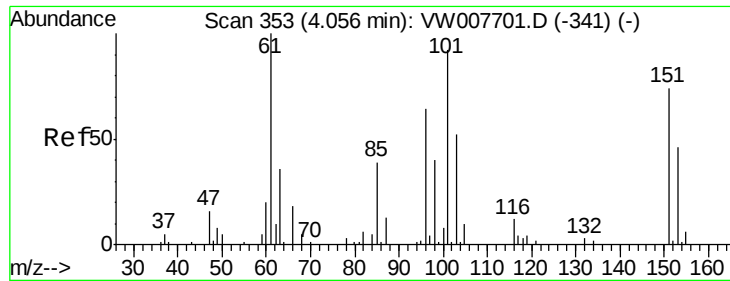


#8

Diethyl Ether
 Concen: 27.755 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 74 Resp: 8040
 Ion Ratio Lower Upper
 74 100
 45 88.3 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.905 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

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VW1223SBS02

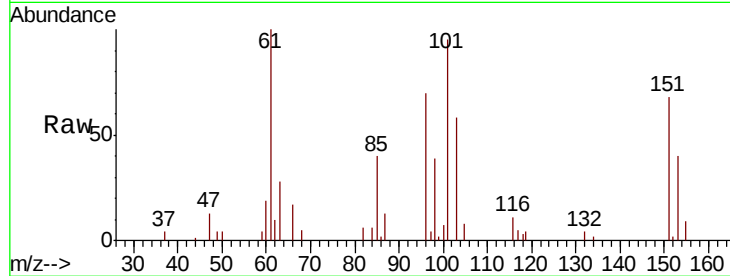
Tgt Ion:101 Resp: 14561

Ion Ratio Lower Upper

101 100

85 42.0 34.3 51.5

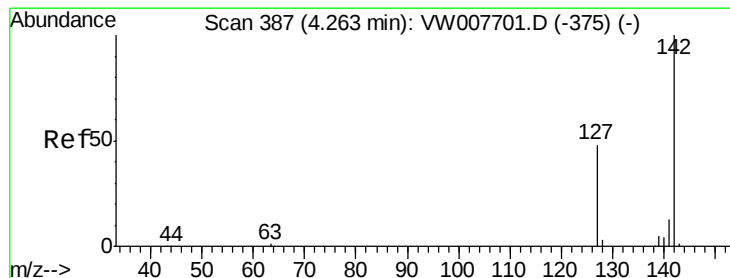
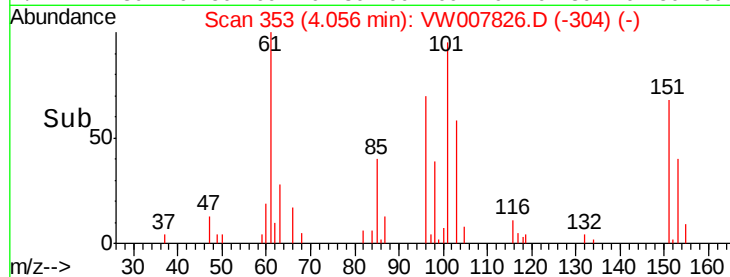
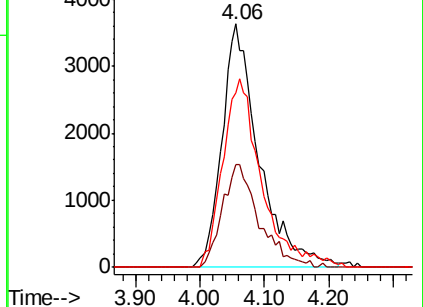
151 81.1 64.6 96.8



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: 22.416 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

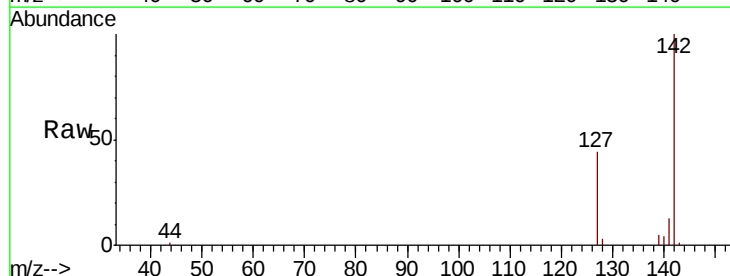
Tgt Ion:142 Resp: 24829

Ion Ratio Lower Upper

142 100

127 45.1 37.7 56.5

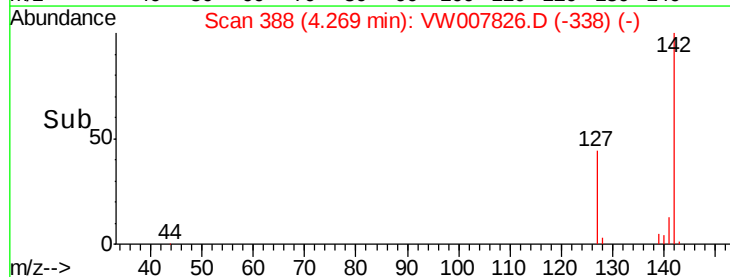
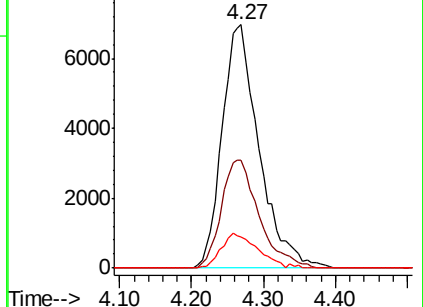
141 13.9 11.5 17.3

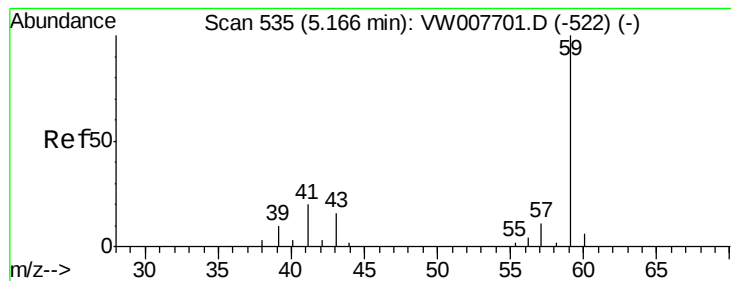


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



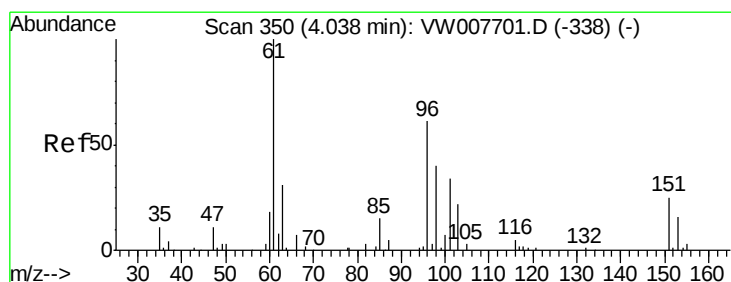
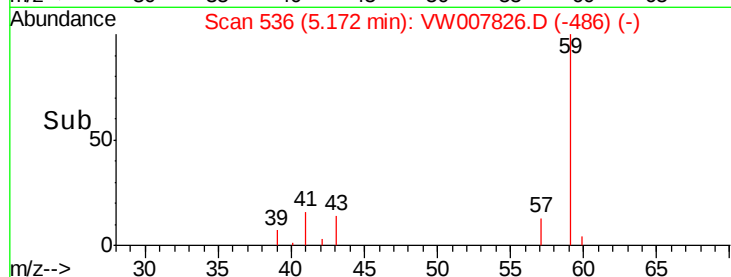
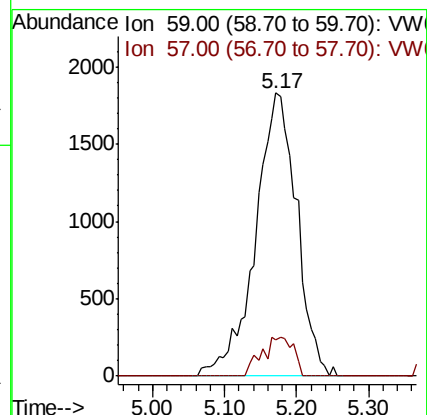
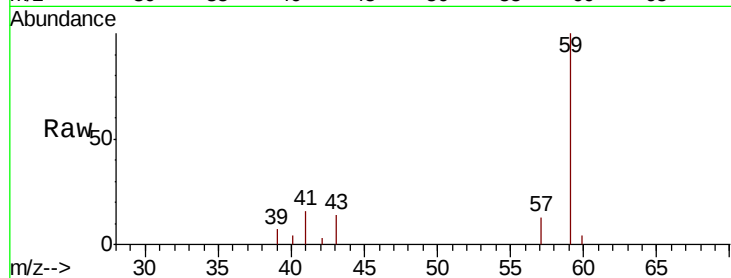


#11

Tert butyl alcohol
Concen: 150.329 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Instrument :
MSVOA_W
ClientSampleId :
VW1223SBSD02

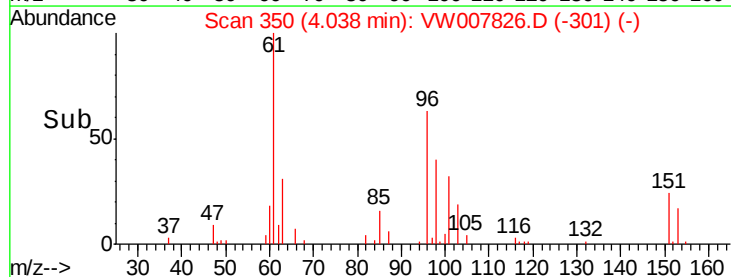
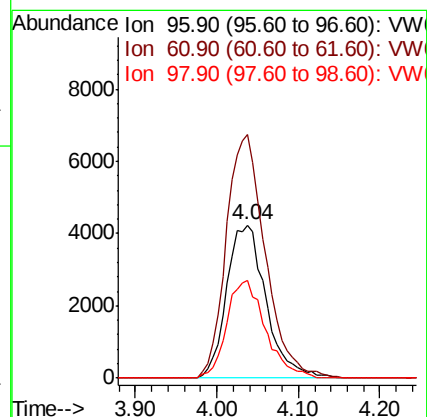
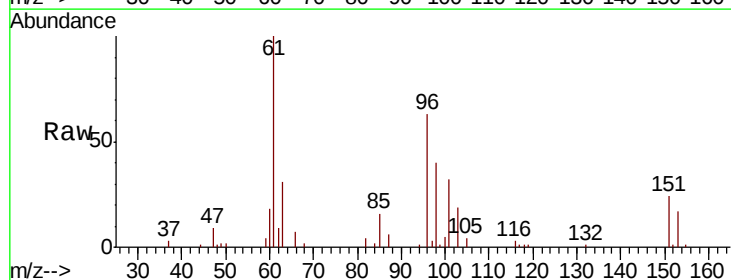
Tgt Ion: 59 Resp: 7266
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8

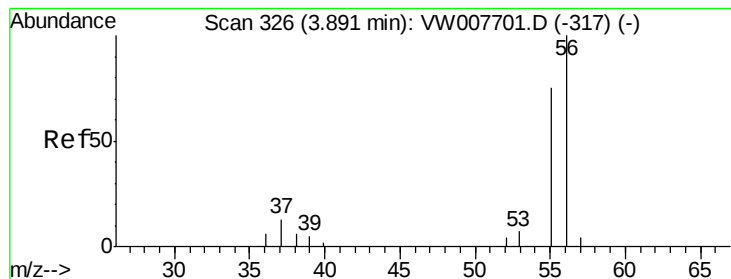


#12

1,1-Dichloroethene
Concen: 21.888 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion: 96 Resp: 14117
Ion Ratio Lower Upper
96 100
61 159.0 130.6 195.8
98 63.9 52.3 78.5





#13

Acrolein

Concen: 108.317 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

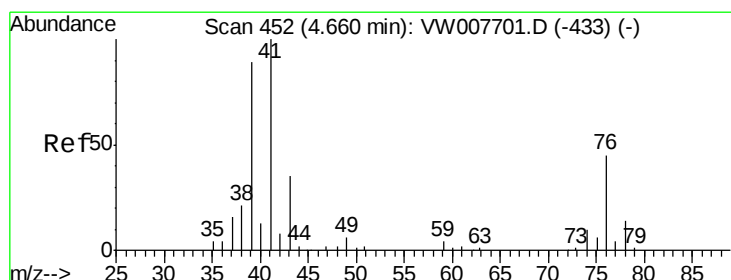
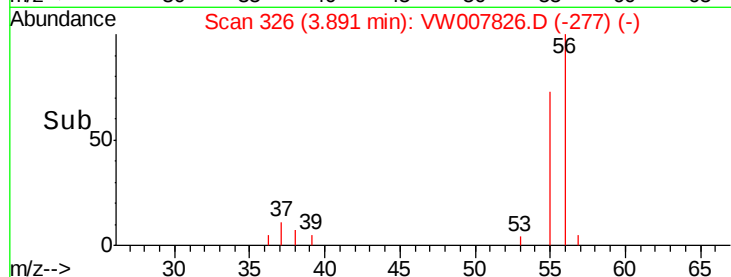
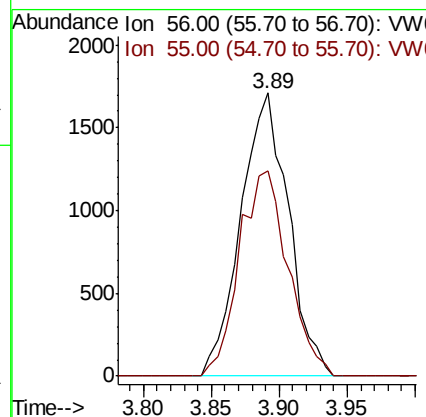
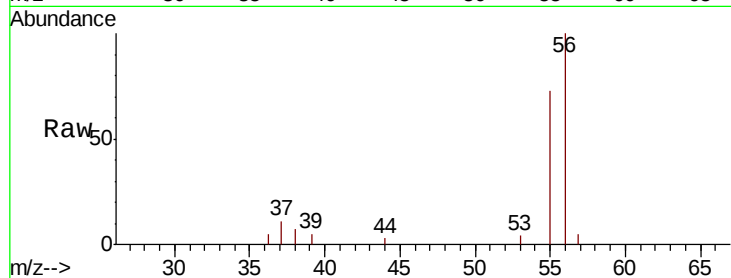
VW1223SBS02

Tgt Ion: 56 Resp: 4186

Ion Ratio Lower Upper

56 100

55 74.3 57.7 86.5



#14

Allyl chloride

Concen: 24.858 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

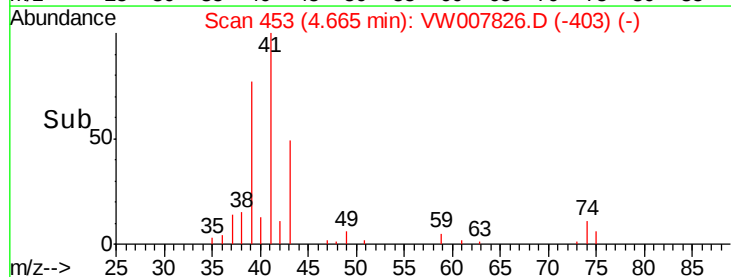
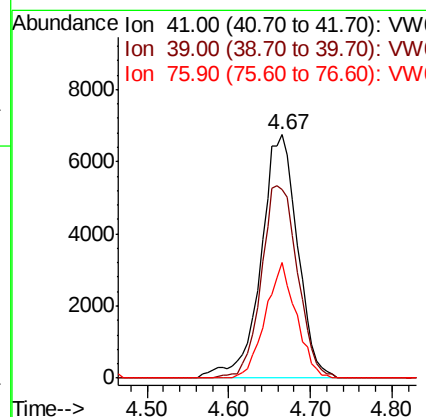
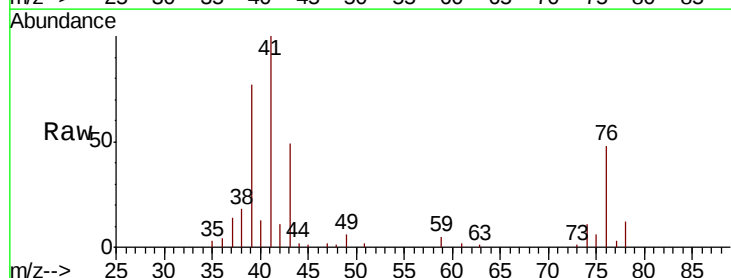
Tgt Ion: 41 Resp: 21025

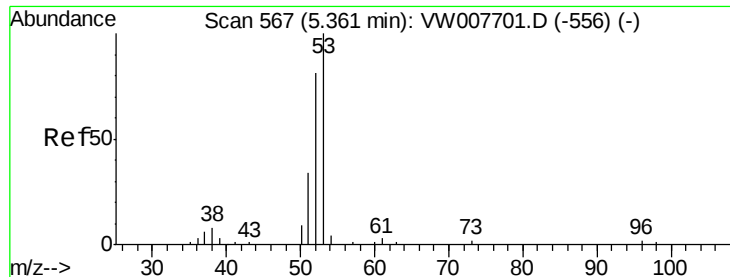
Ion Ratio Lower Upper

41 100

39 78.5 69.5 104.3

76 40.1 34.8 52.2





#15

Acrylonitrile

Concen: 138.403 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBS02

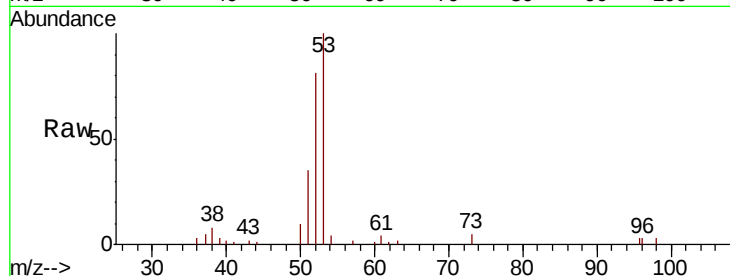
Tgt Ion: 53 Resp: 17102

Ion Ratio Lower Upper

53 100

52 84.8 67.0 100.4

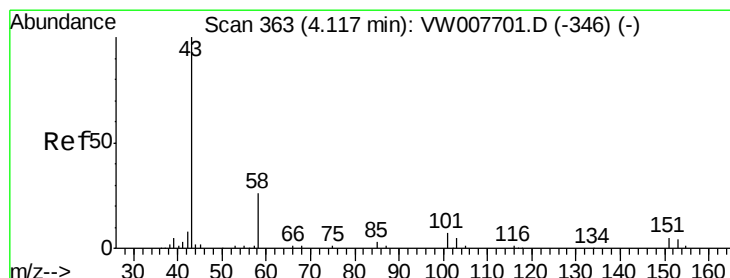
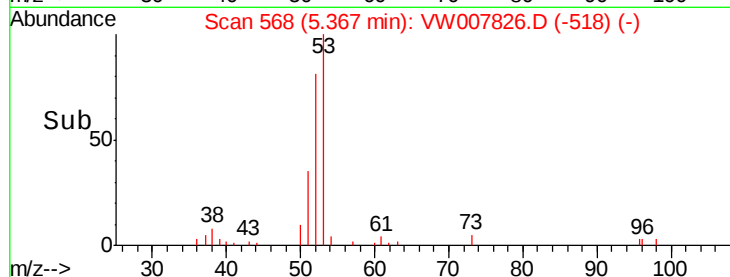
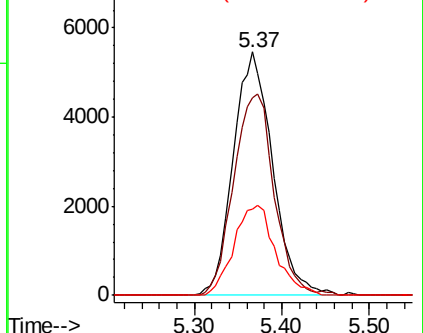
51 38.6 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 108.129 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007826.D

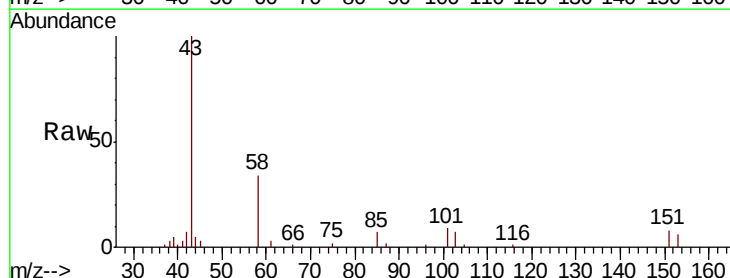
Acq: 22 Dec 2018 07:31

Tgt Ion: 43 Resp: 14508

Ion Ratio Lower Upper

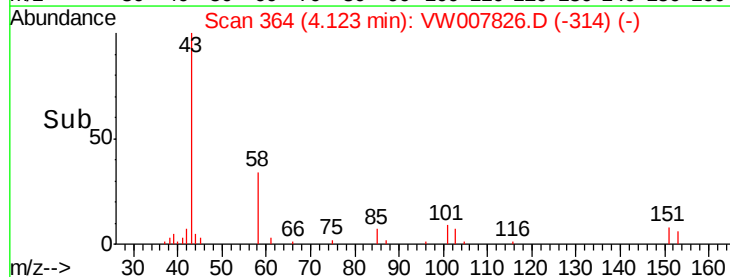
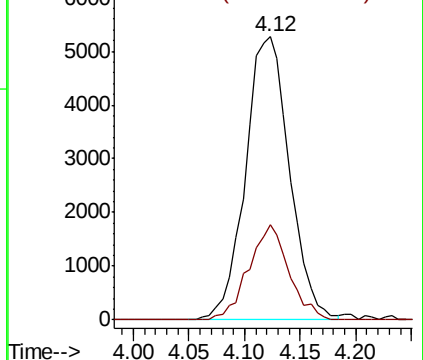
43 100

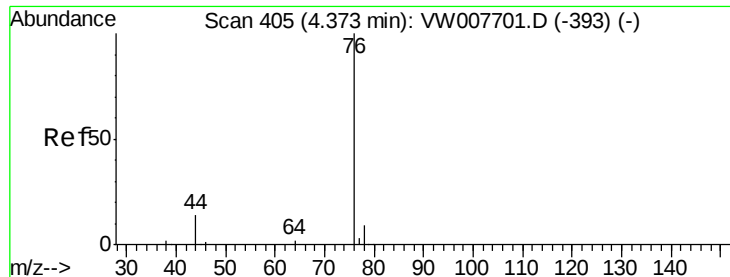
58 33.7 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

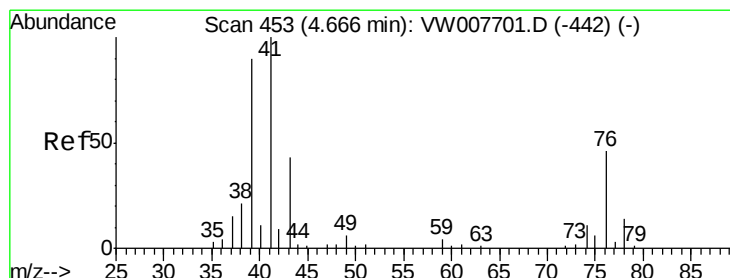
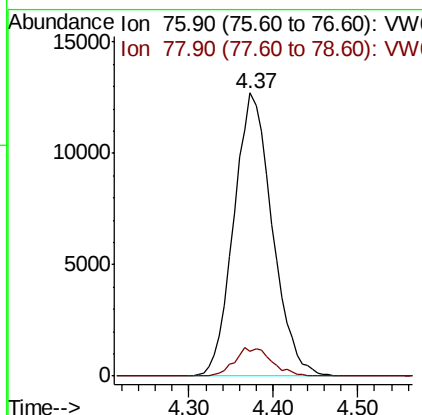
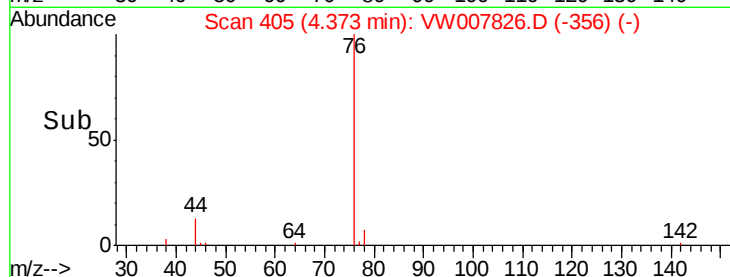
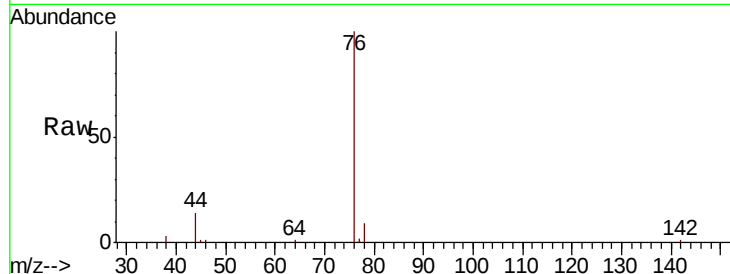




#17
Carbon Disulfide
Concen: 19.663 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

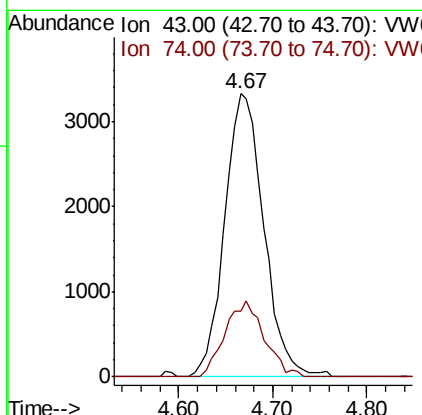
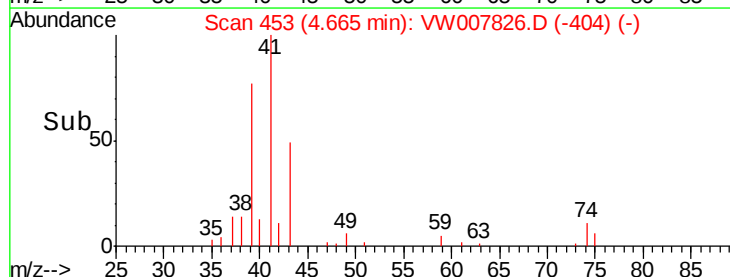
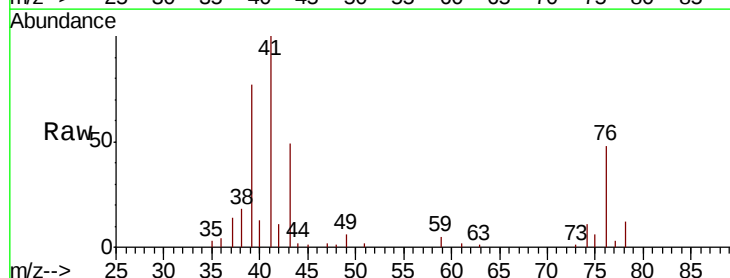
Instrument :
MSVOA_W
ClientSampleId :
VW1223SBSD02

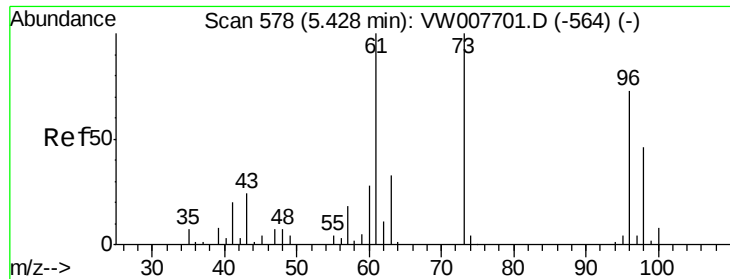
Tgt Ion: 76 Resp: 39246
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 30.164 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion: 43 Resp: 9625
Ion Ratio Lower Upper
43 100
74 26.9 22.7 34.1

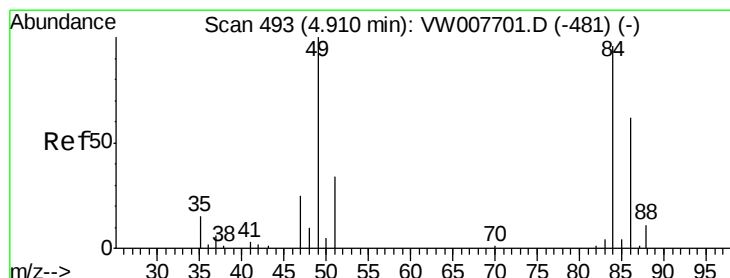
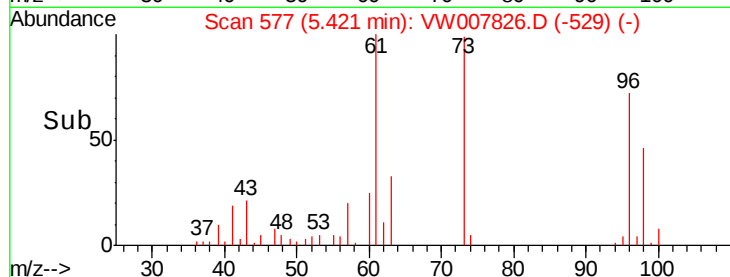
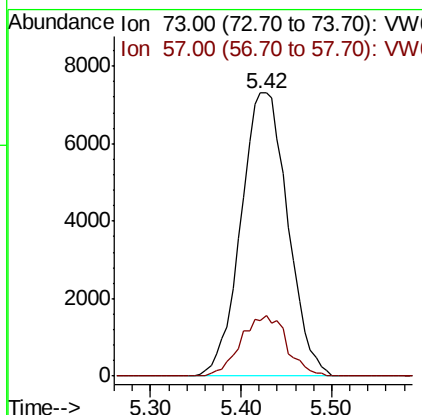
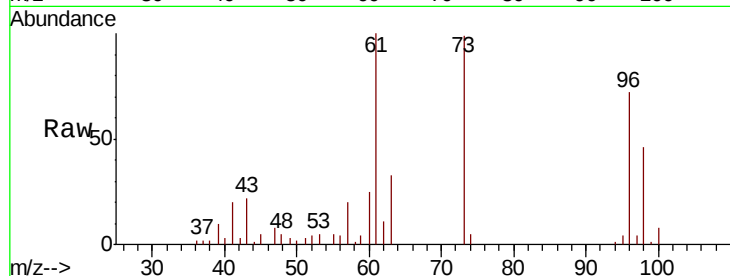




#19
Methyl tert-butyl Ether
Concen: 28.180 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

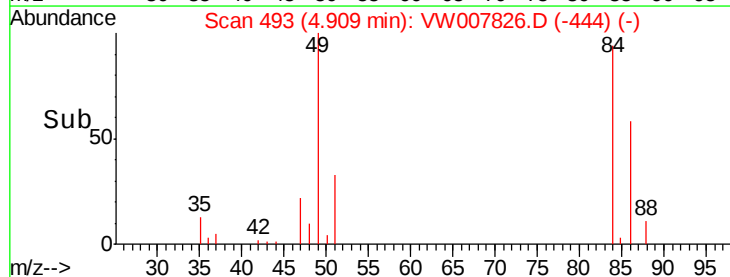
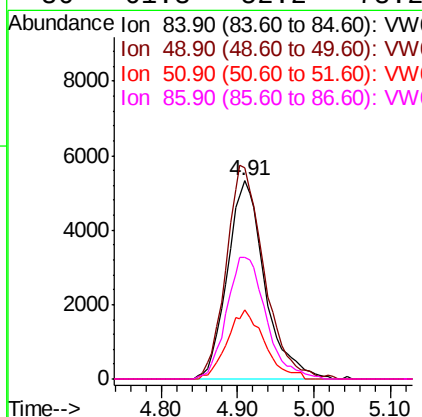
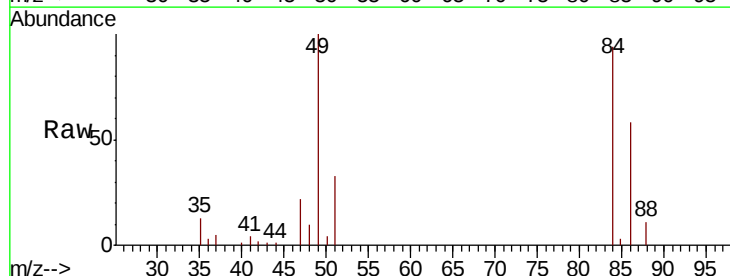
Instrument :
MSVOA_W
ClientSampleId :
VW1223SBS02

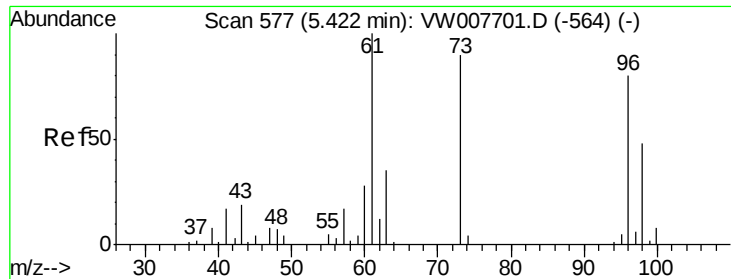
Tgt Ion: 73 Resp: 26093
Ion Ratio Lower Upper
73 100
57 19.8 14.7 22.1



#20
Methylene Chloride
Concen: 23.569 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion: 84 Resp: 18051
Ion Ratio Lower Upper
84 100
49 106.5 83.7 125.5
51 34.7 28.2 42.2
86 61.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 22.605 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBS02

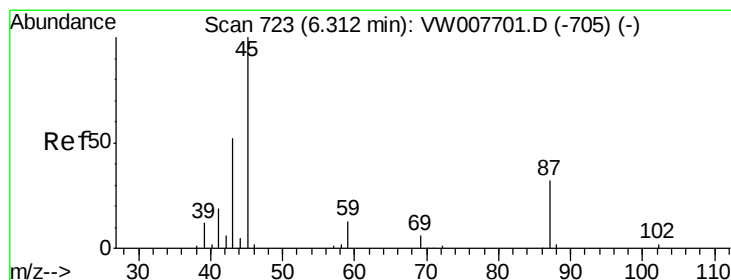
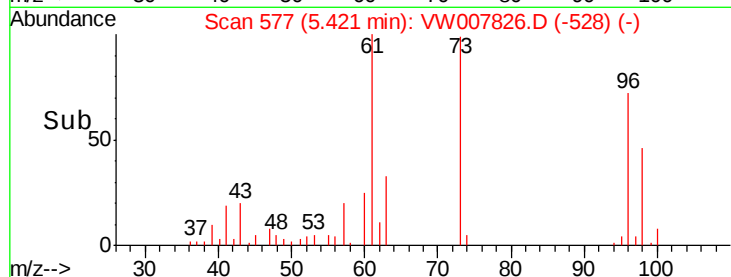
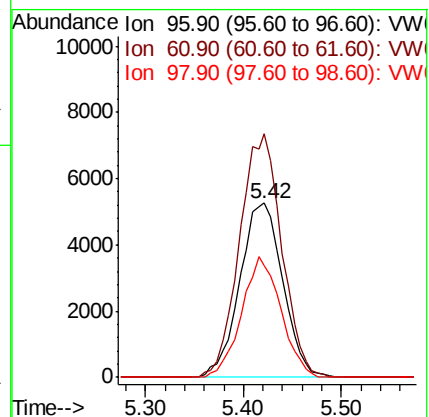
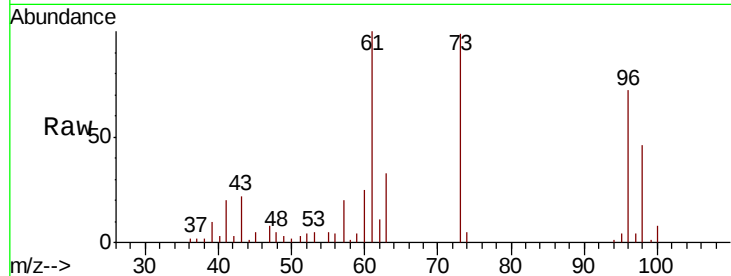
Tgt Ion: 96 Resp: 16035

Ion Ratio Lower Upper

96 100

61 139.8 100.1 150.1

98 64.4 48.5 72.7



#22

Diisopropyl ether

Concen: 26.874 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Tgt Ion: 45 Resp: 42561

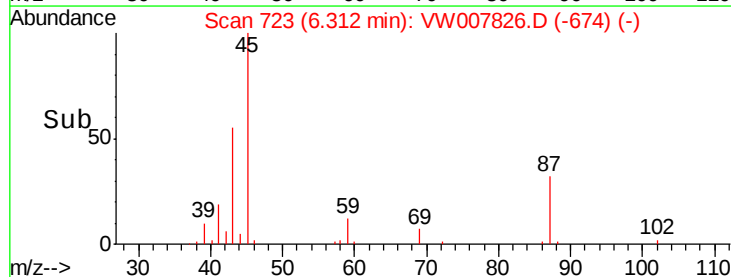
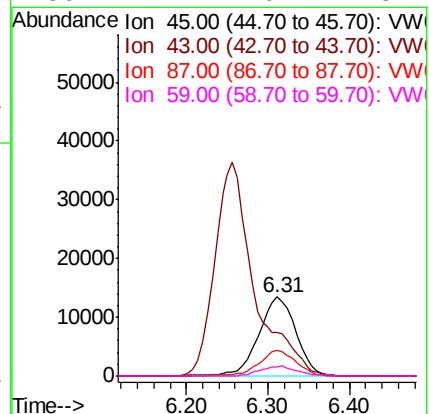
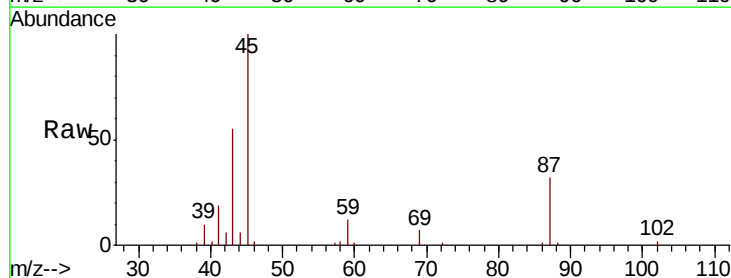
Ion Ratio Lower Upper

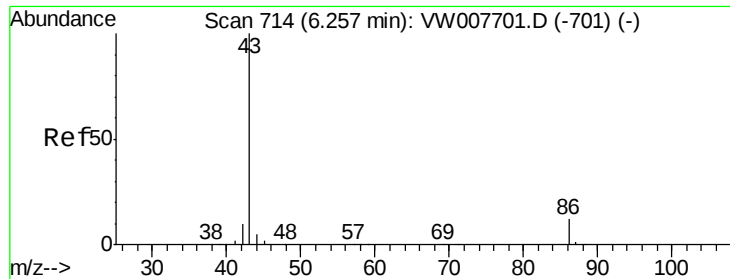
45 100

43 54.3 43.7 65.5

87 31.8 26.6 40.0

59 11.1 10.2 15.2





#23

Vinyl Acetate

Concen: 130.010 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

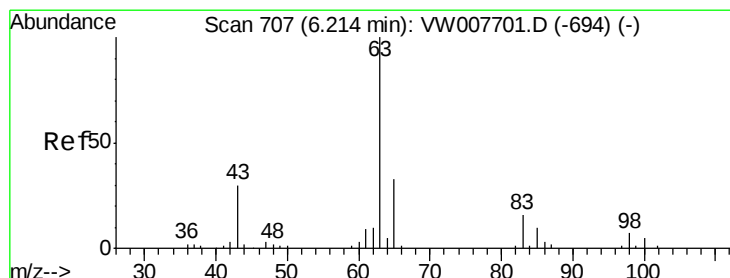
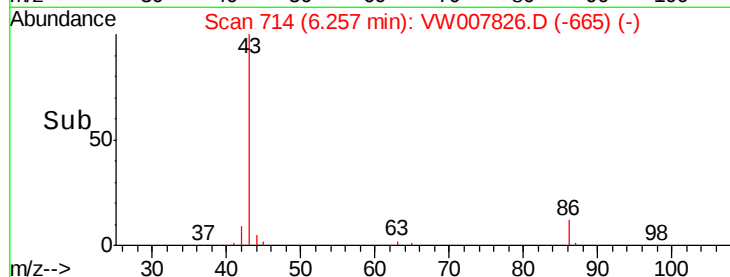
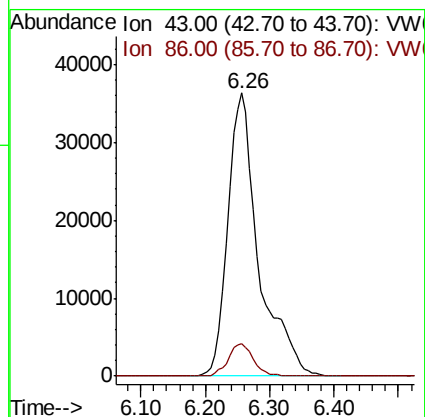
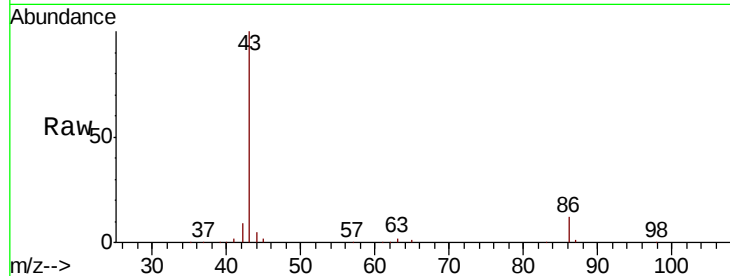
VW1223SBS02

Tgt Ion: 43 Resp: 122331

Ion Ratio Lower Upper

43 100

86 11.7 9.6 14.4



#24

1,1-Dichloroethane

Concen: 24.252 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

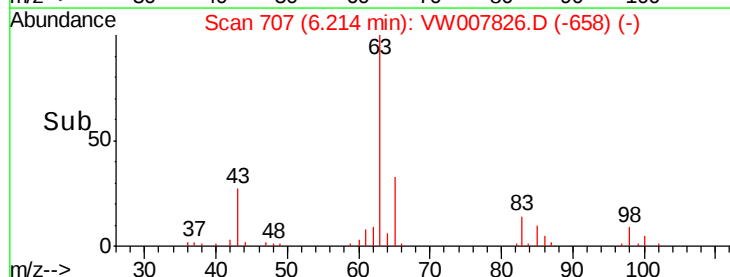
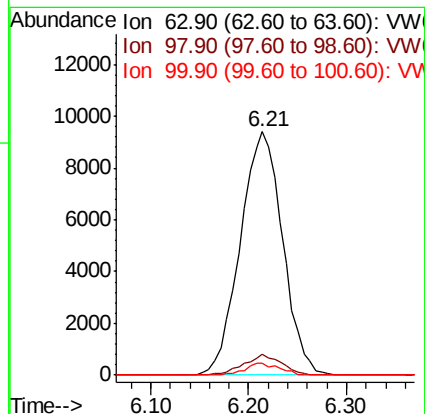
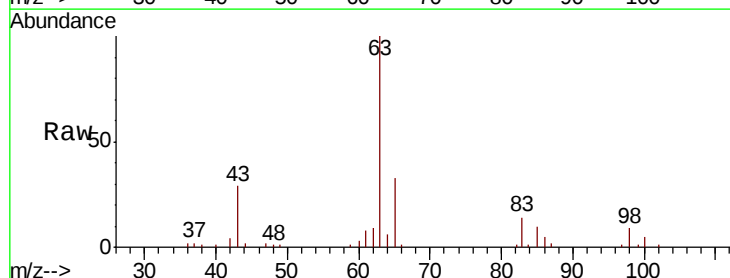
Tgt Ion: 63 Resp: 28256

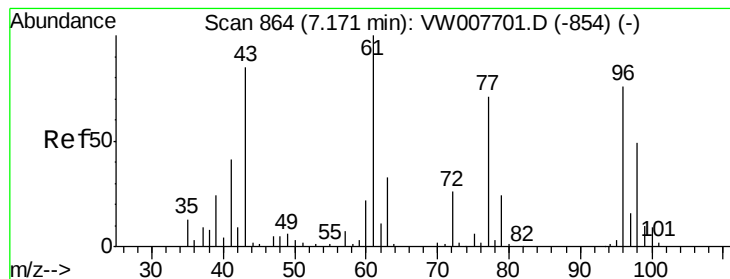
Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.9

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 132.779 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

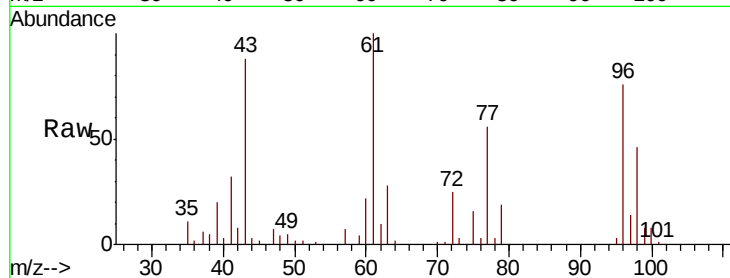
VW1223SBS02

Tgt Ion: 43 Resp: 20867

Ion Ratio Lower Upper

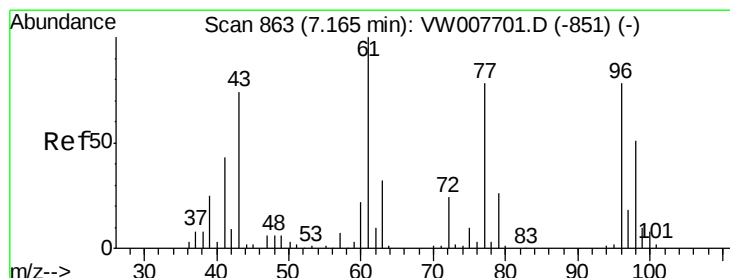
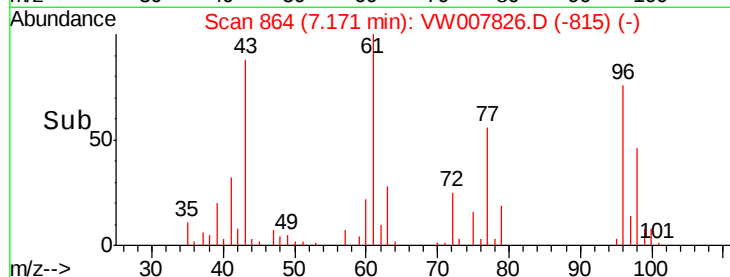
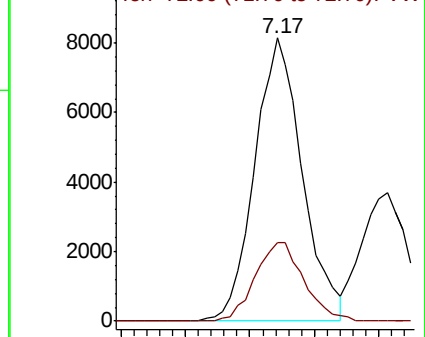
43 100

72 27.9 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 18.747 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007826.D

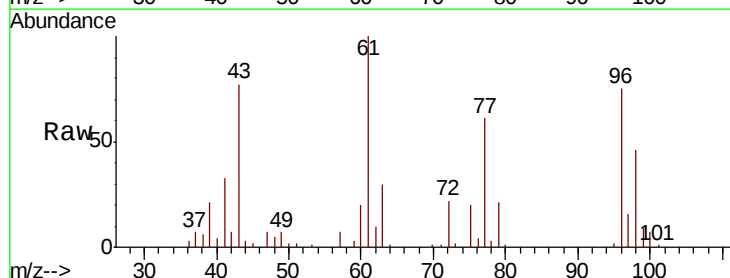
Acq: 22 Dec 2018 07:31

Tgt Ion: 77 Resp: 15983

Ion Ratio Lower Upper

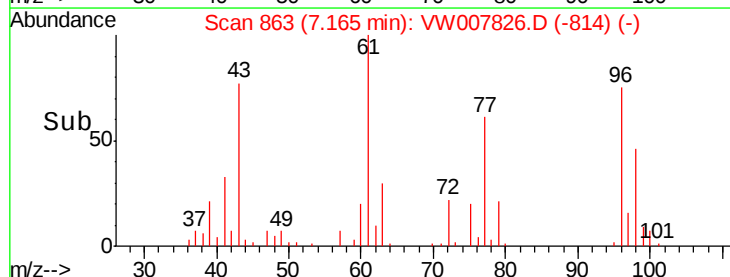
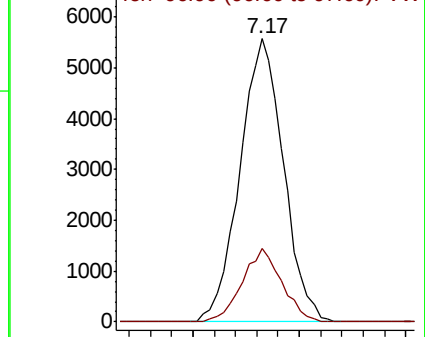
77 100

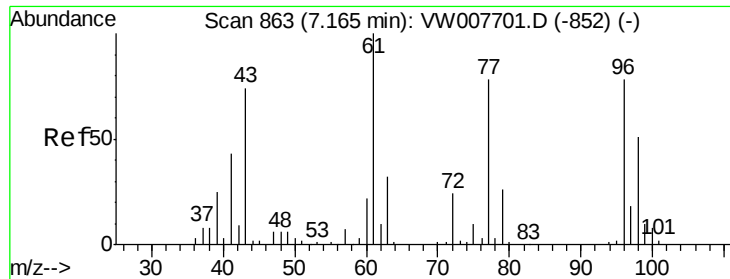
97 23.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



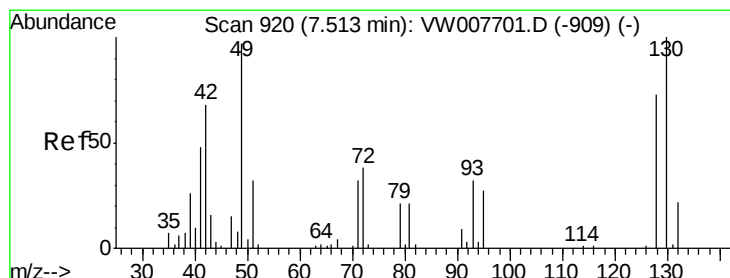
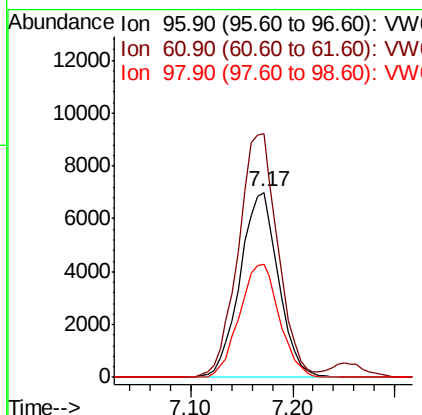
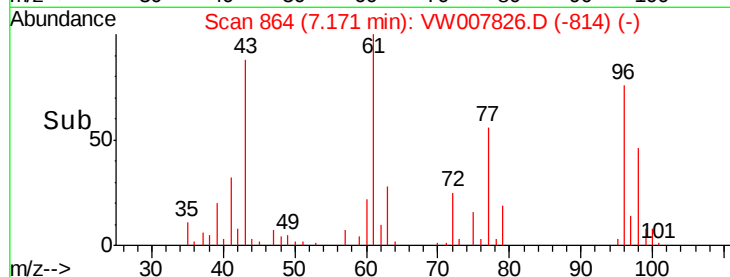
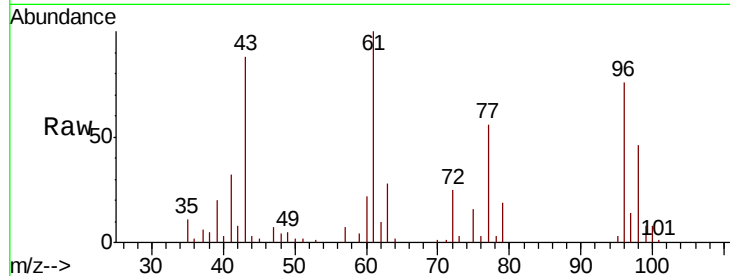


#27

cis-1,2-Dichloroethene
 Concen: 24.215 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

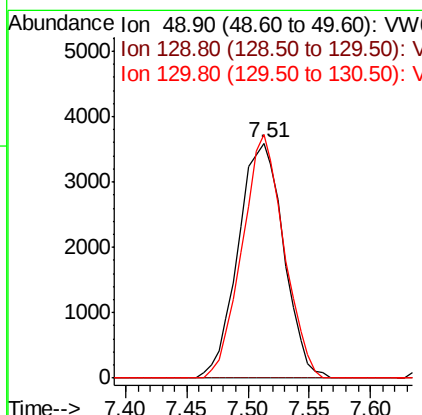
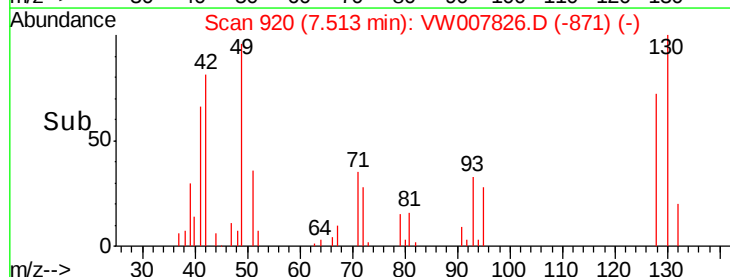
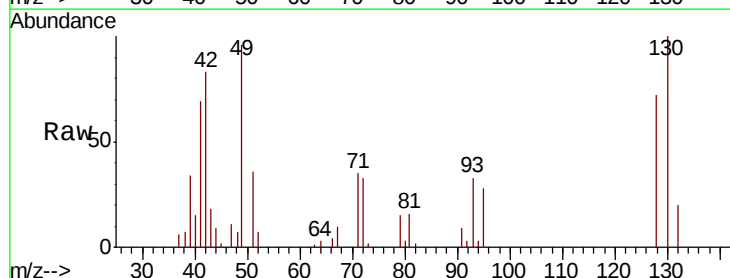
Tgt Ion: 96 Resp: 18300
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 271.6
 98 63.2 0.0 131.2

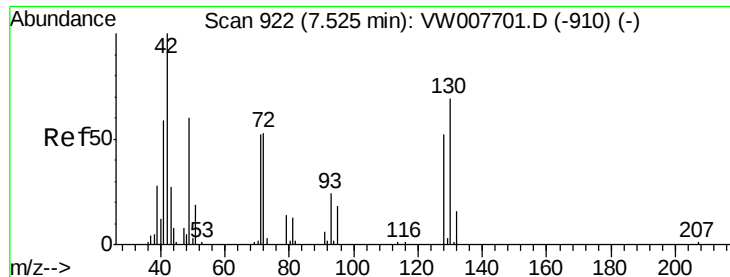


#28

Bromochloromethane
 Concen: 23.402 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 49 Resp: 9296
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.2
 130 95.4 81.5 122.3

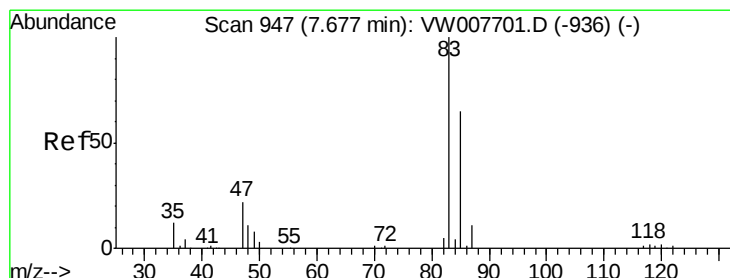
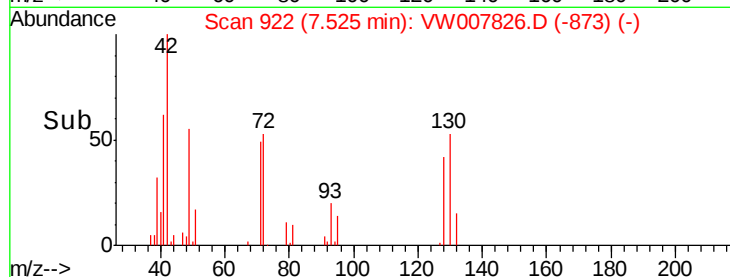
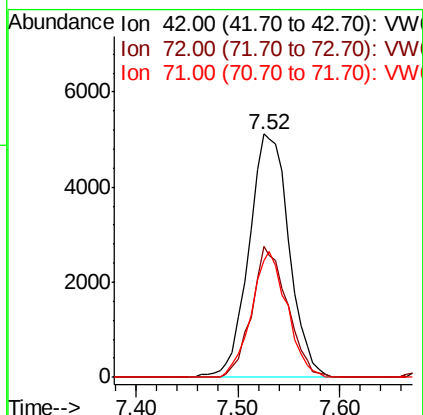
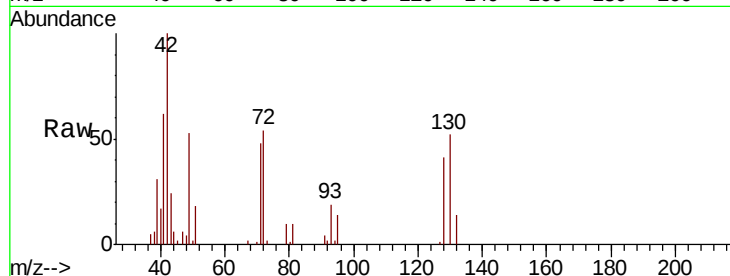




#29
Tetrahydrofuran
Concen: 148.964 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

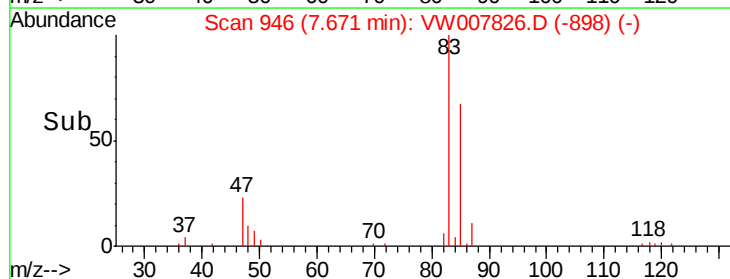
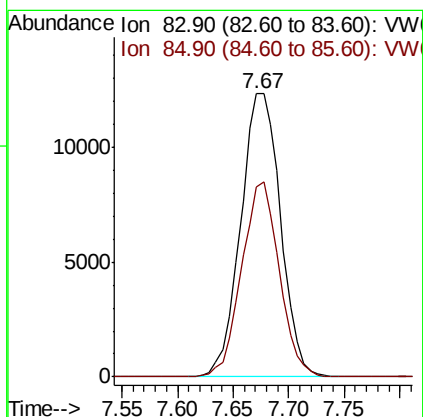
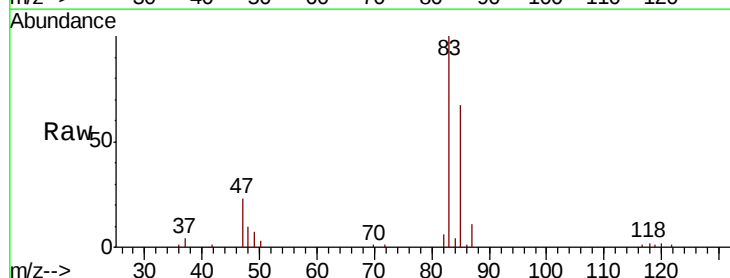
Instrument :
MSVOA_W
ClientSampleId :
VW1223SBS02

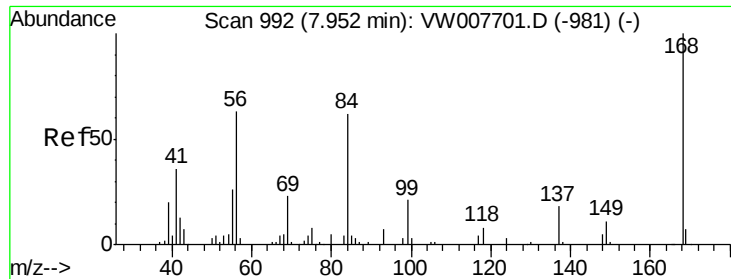
Tgt Ion: 42 Resp: 13964
Ion Ratio Lower Upper
42 100
72 47.9 41.7 62.5
71 45.9 39.0 58.6



#30
Chloroform
Concen: 23.264 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion: 83 Resp: 30674
Ion Ratio Lower Upper
83 100
85 67.3 52.2 78.2

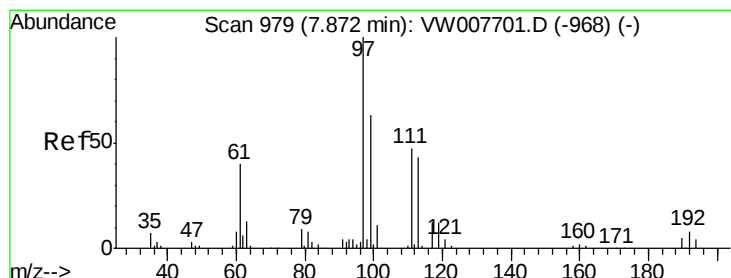
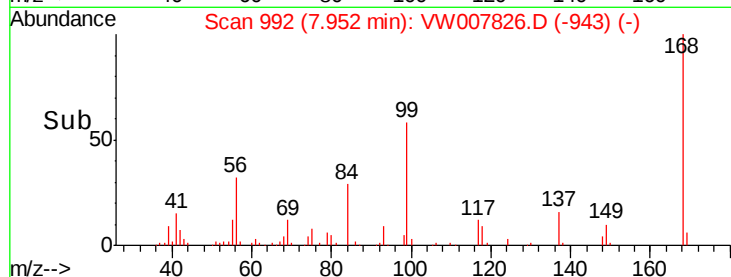
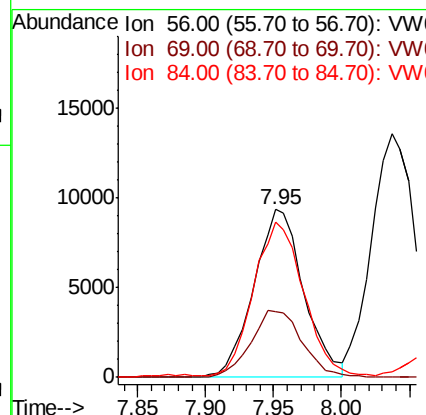
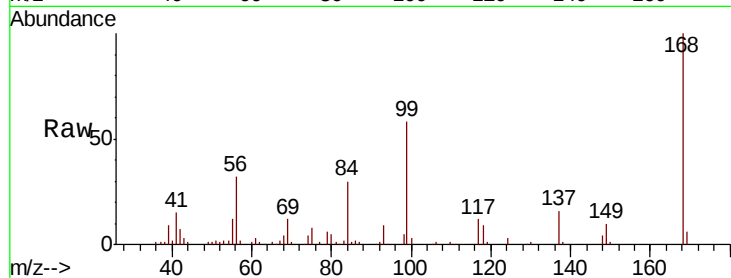




#31
Cyclohexane
Concen: 22.559 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

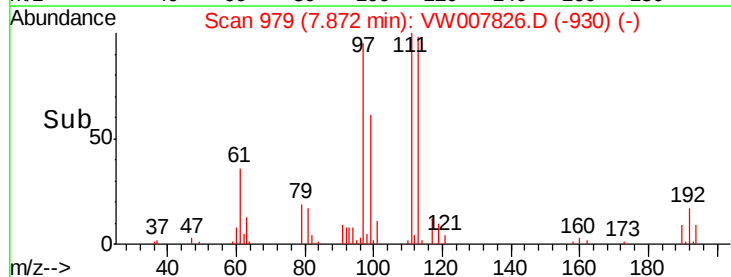
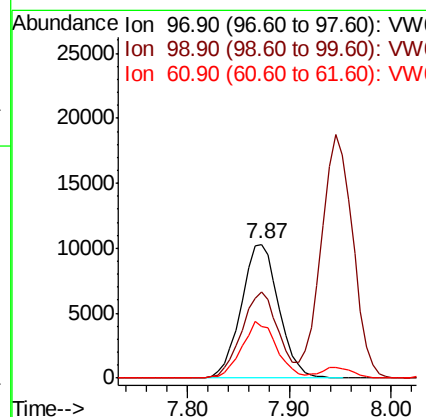
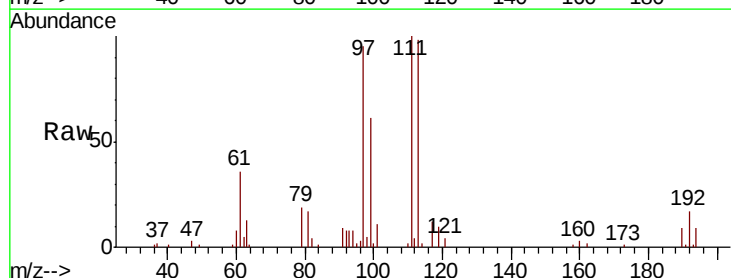
Instrument :
MSVOA_W
ClientSampleId :
VW1223SBS02

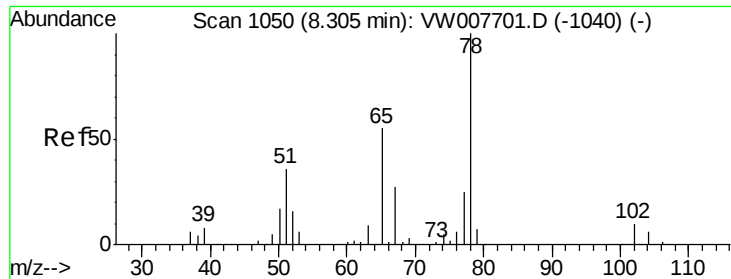
Tgt Ion: 56 Resp: 24062
Ion Ratio Lower Upper
56 100
69 38.9 29.7 44.5
84 91.9 78.9 118.3



#32
1,1,1-Trichloroethane
Concen: 21.935 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion: 97 Resp: 26340
Ion Ratio Lower Upper
97 100
99 61.6 50.6 76.0
61 39.5 32.3 48.5

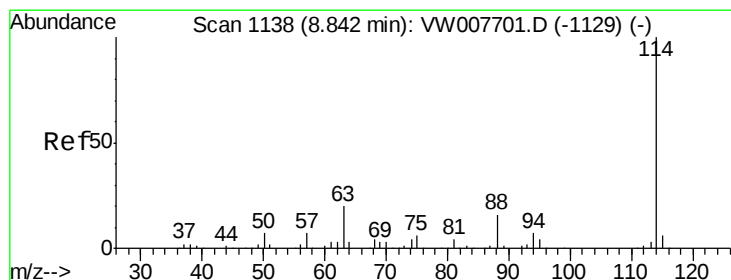
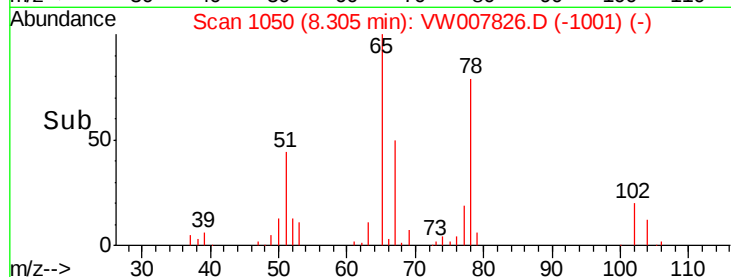
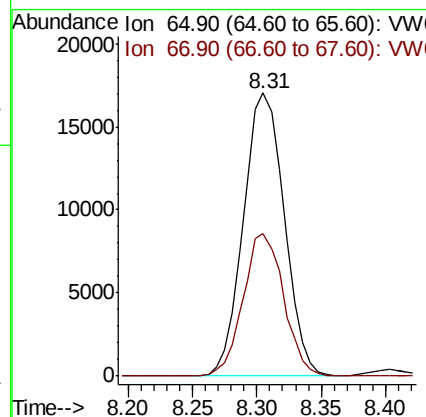
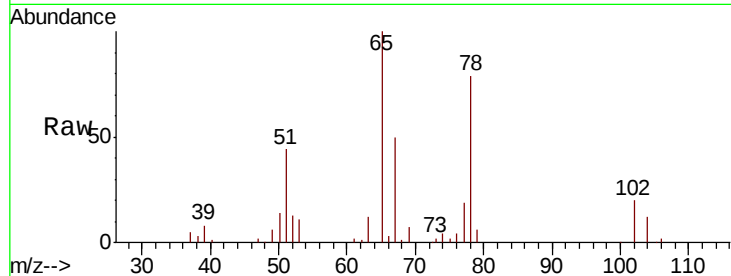




#33
 1,2-Dichloroethane-d4
 Concen: 52.330 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

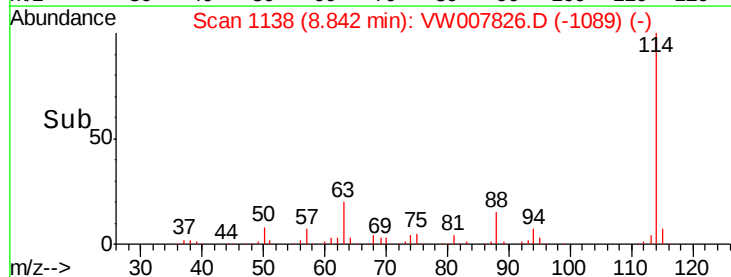
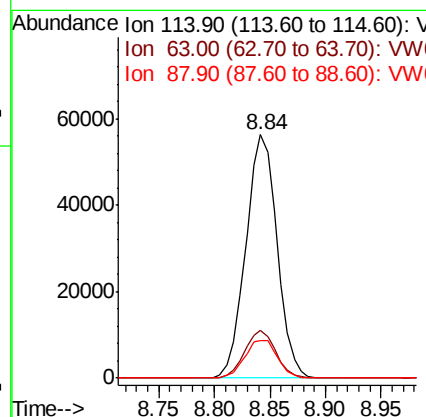
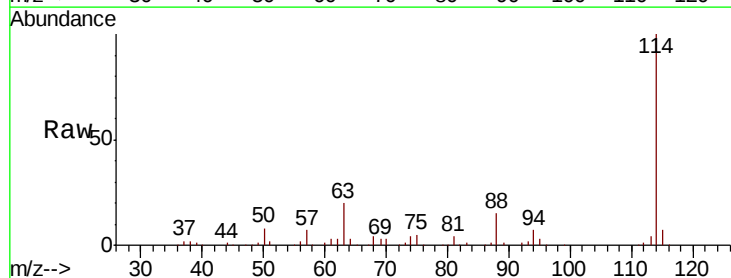
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBSD02

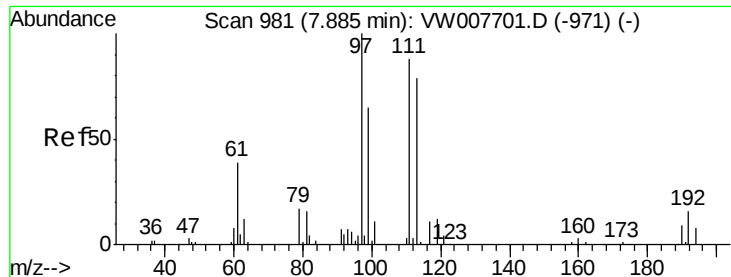
Tgt Ion: 65 Resp: 37495
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 114 Resp: 109947
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.346 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBS02

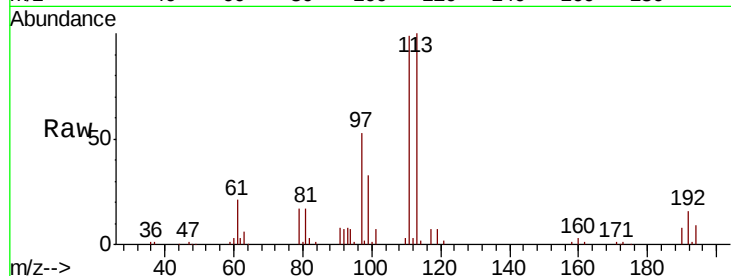
Tgt Ion:113 Resp: 33098

Ion Ratio Lower Upper

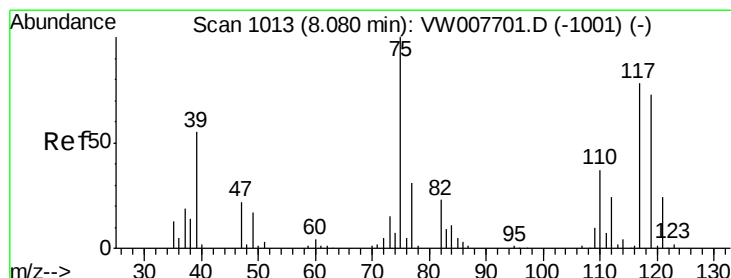
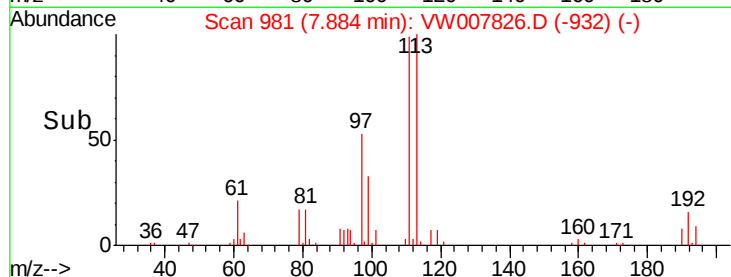
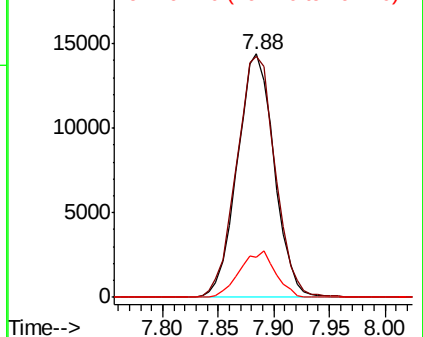
113 100

111 103.6 82.6 124.0

192 18.2 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: 21.669 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

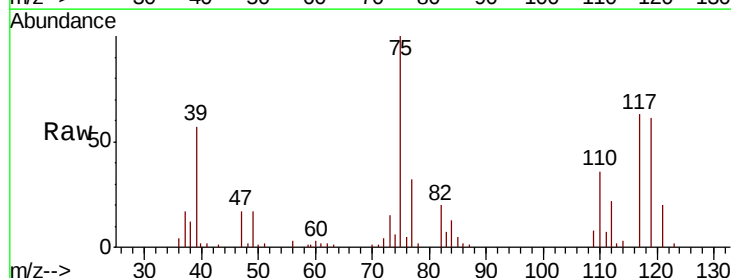
Tgt Ion: 75 Resp: 22995

Ion Ratio Lower Upper

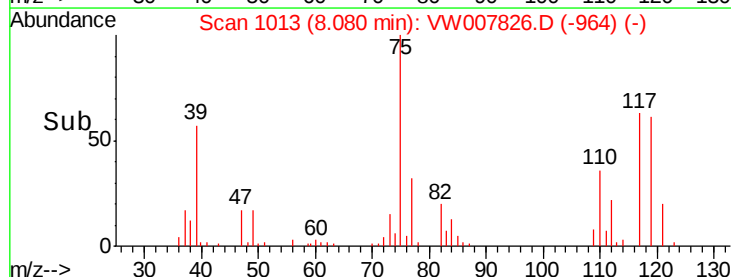
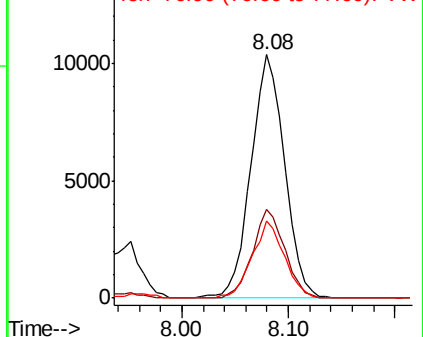
75 100

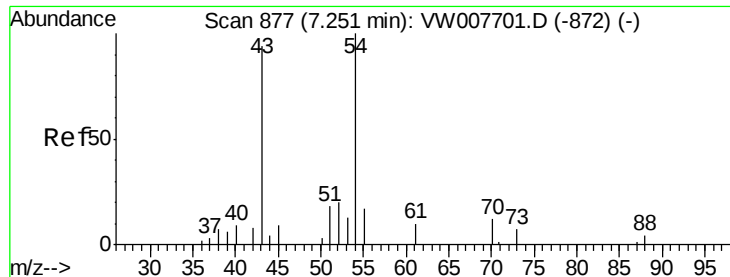
110 34.5 18.6 55.8

77 30.4 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

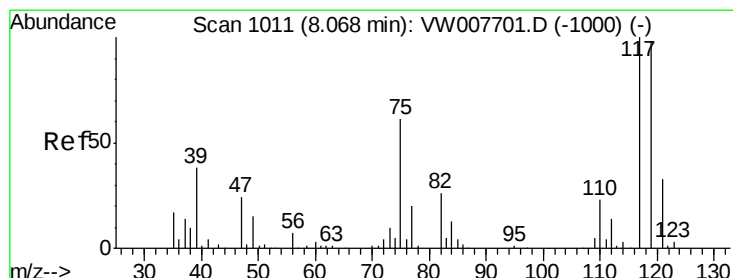
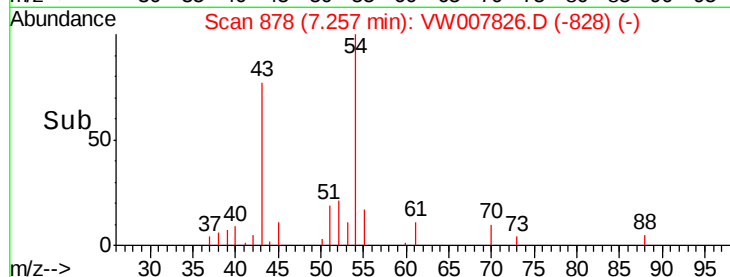
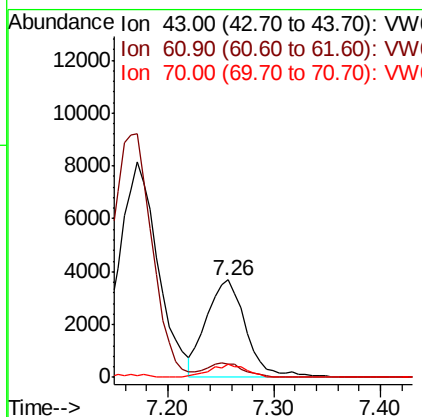
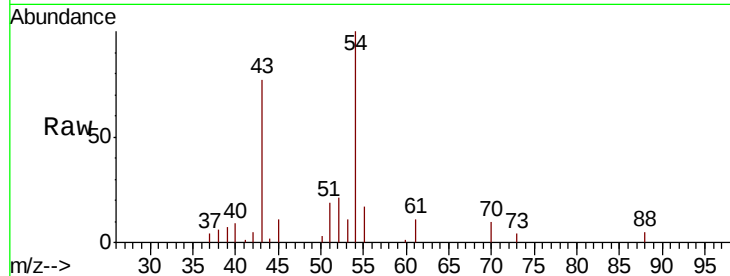




#37
Ethyl Acetate
Concen: 26.000 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

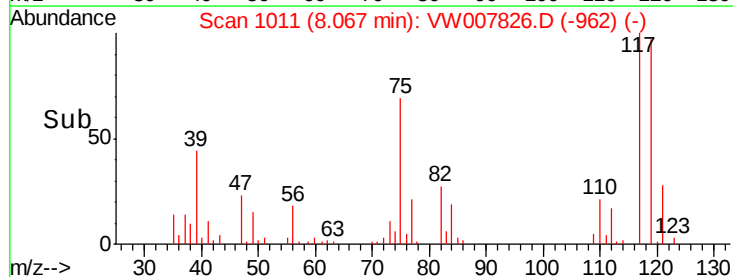
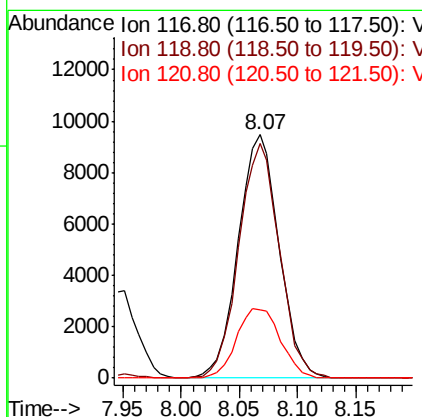
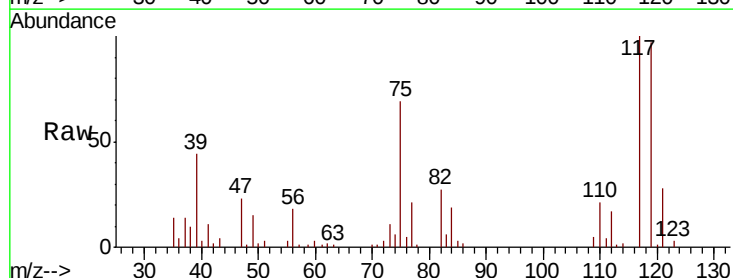
Instrument :
MSVOA_W
ClientSampleId :
VW1223SBSD02

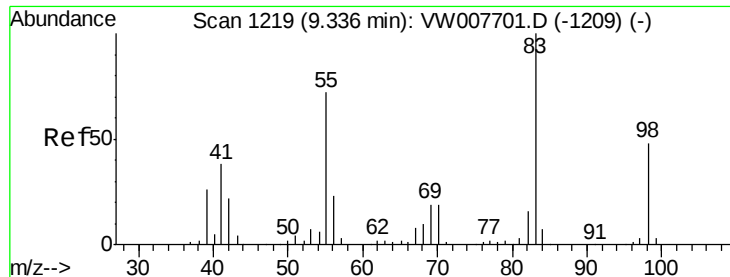
Tgt Ion: 43 Resp: 9522
Ion Ratio Lower Upper
43 100
61 13.9 11.2 16.8
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.523 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion: 117 Resp: 23149
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.2
121 28.1 26.1 39.1

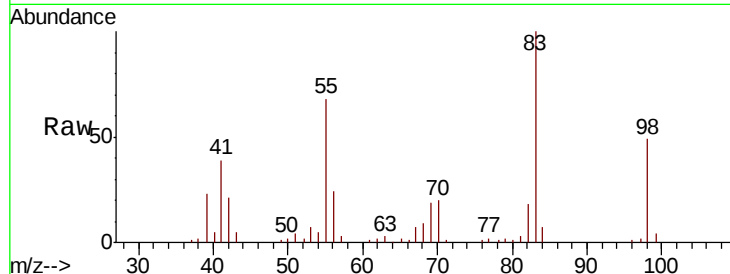




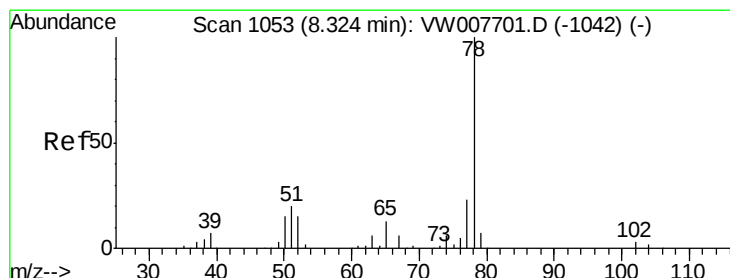
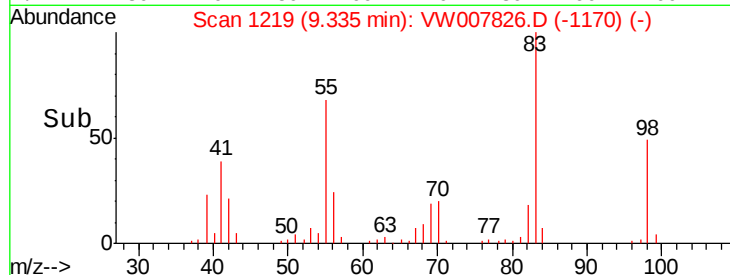
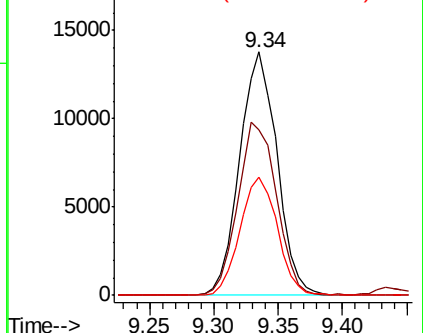
#39
Methylcyclohexane
Concen: 20.954 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Instrument :
MSVOA_W
ClientSampleId :
VW1223SBSD02

Tgt Ion: 83 Resp: 27631
Ion Ratio Lower Upper
83 100
55 68.0 57.2 85.8
98 48.6 38.6 58.0

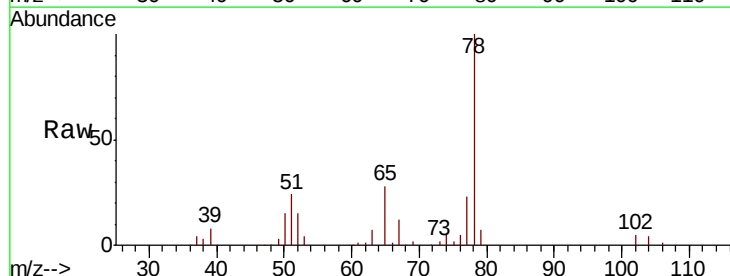


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

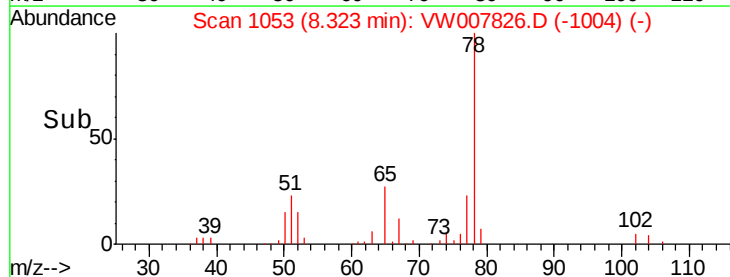
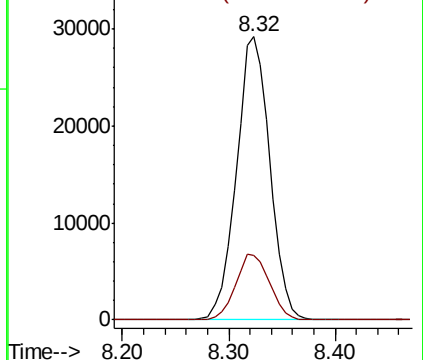


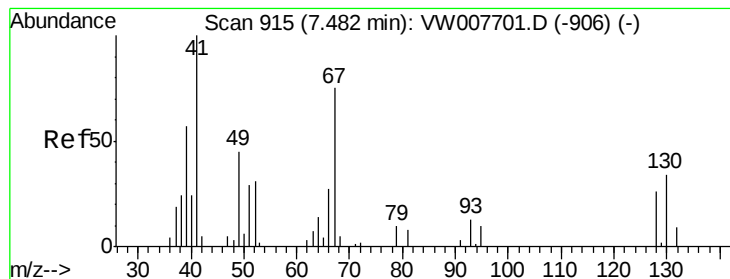
#40
Benzene
Concen: 22.706 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion: 78 Resp: 64298
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 30.640 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBS02

Tgt Ion: 41 Resp: 6371

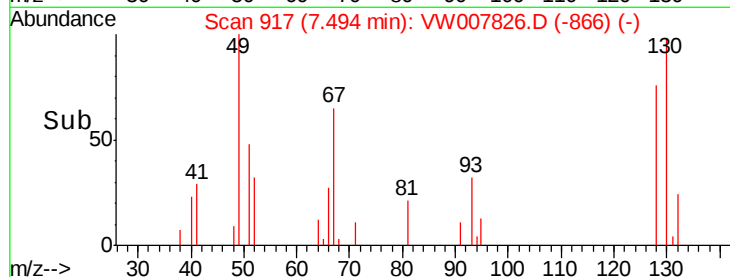
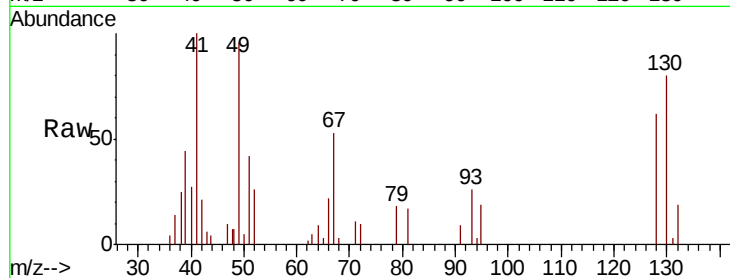
Ion Ratio Lower Upper

41 100

39 49.9 54.2 81.4#

67 68.9 65.7 98.5

52 31.3 26.2 39.4

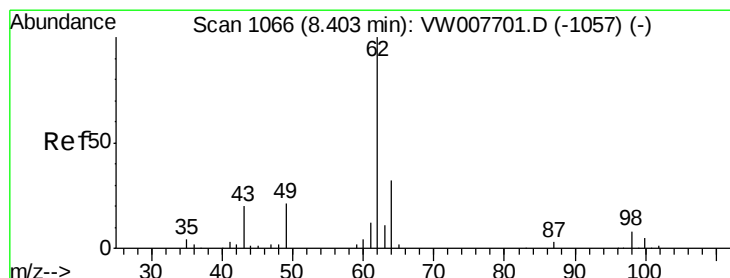
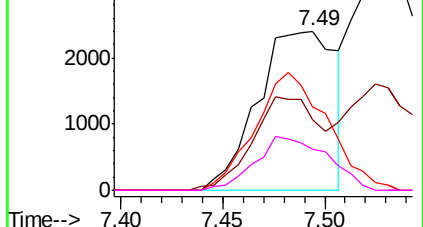


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 22.666 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007826.D

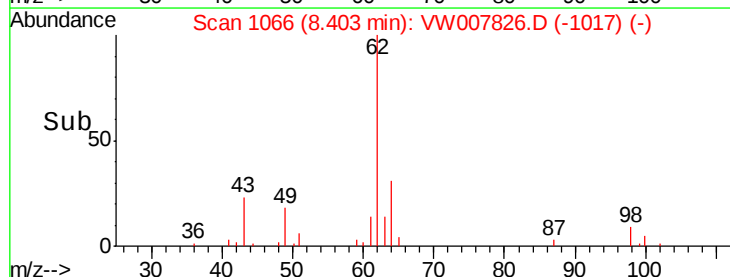
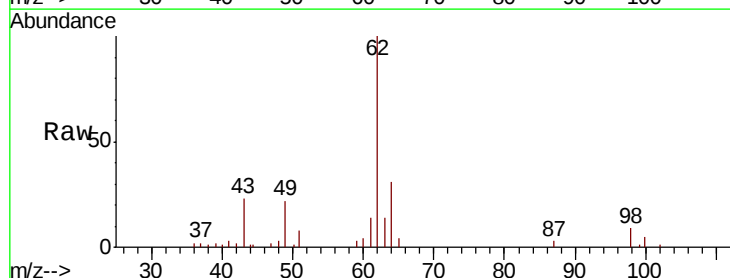
Acq: 22 Dec 2018 07:31

Tgt Ion: 62 Resp: 21510

Ion Ratio Lower Upper

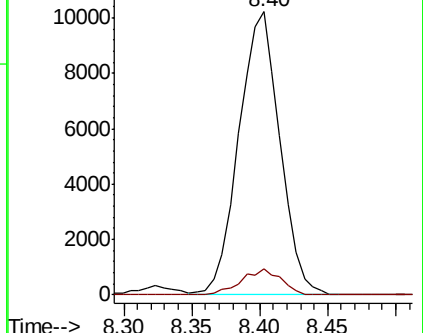
62 100

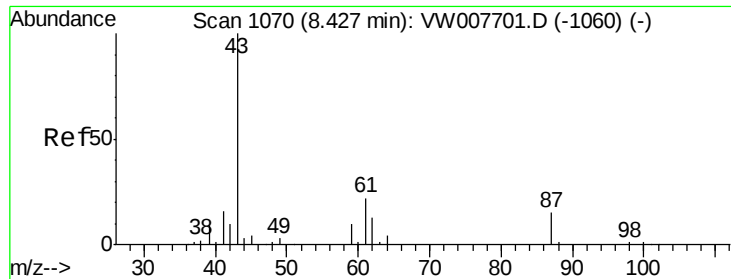
98 8.9 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 26.455 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBS02

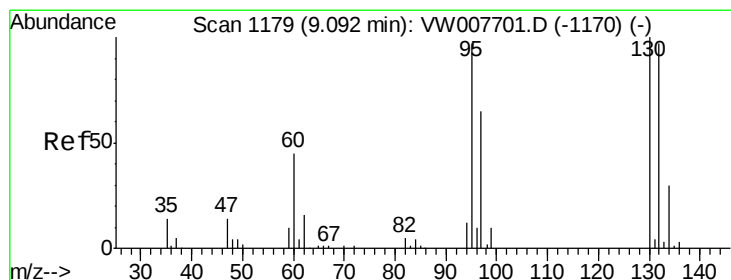
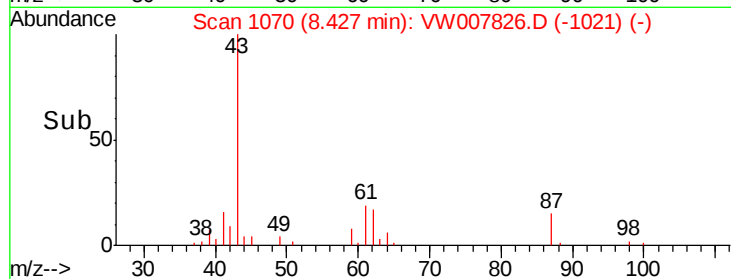
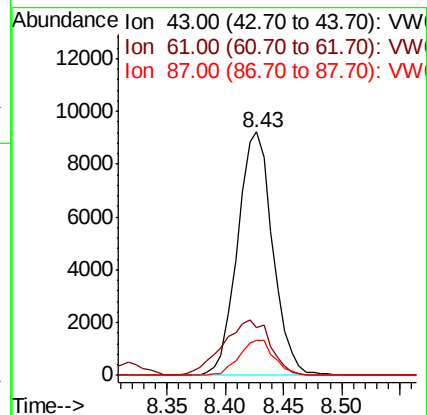
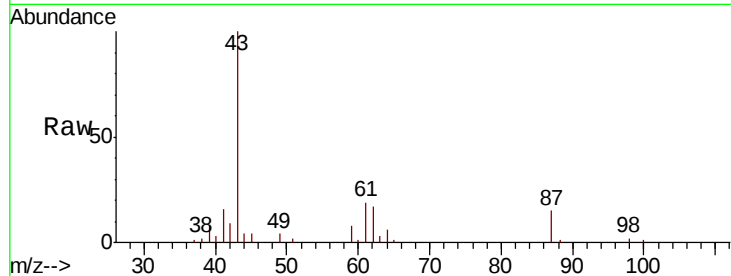
Tgt Ion: 43 Resp: 19411

Ion Ratio Lower Upper

43 100

61 30.2 26.3 39.5

87 14.4 12.0 18.0



#44

Trichloroethene

Concen: 21.626 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007826.D

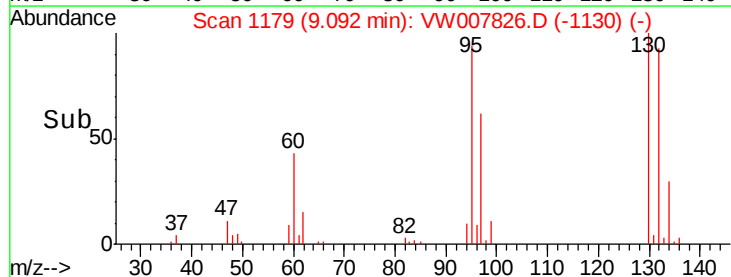
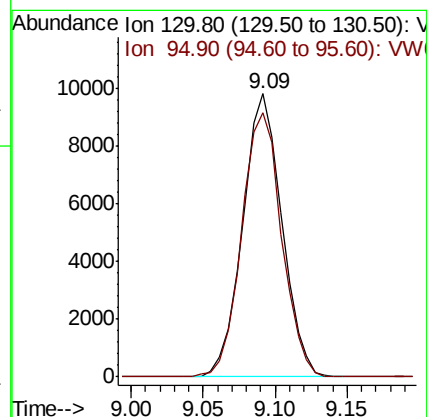
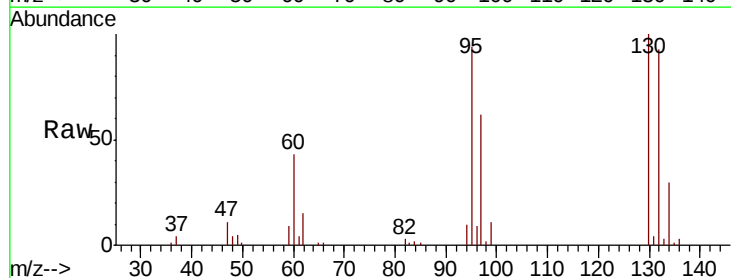
Acq: 22 Dec 2018 07:31

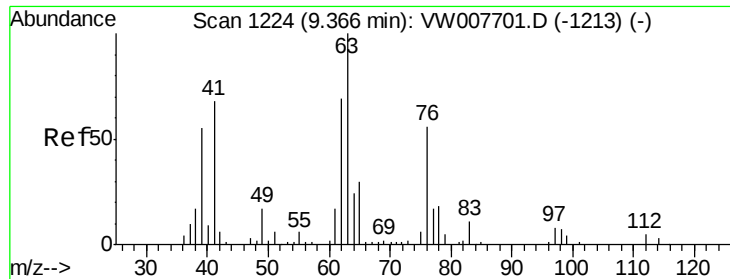
Tgt Ion: 130 Resp: 18520

Ion Ratio Lower Upper

130 100

95 93.5 0.0 194.8

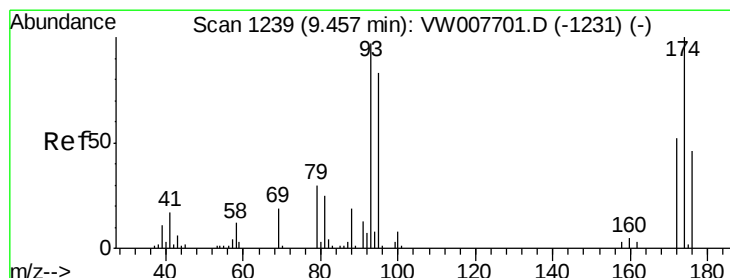
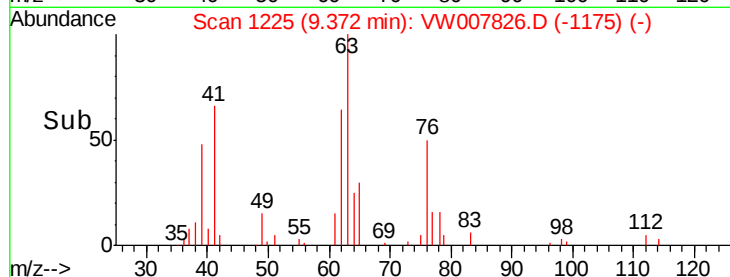
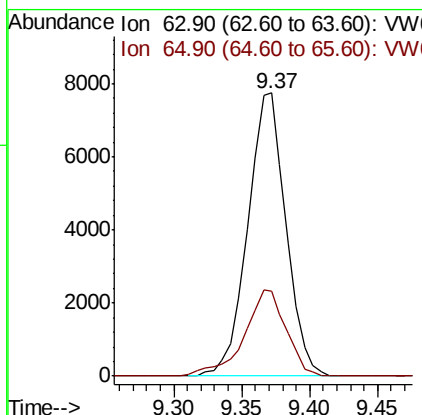
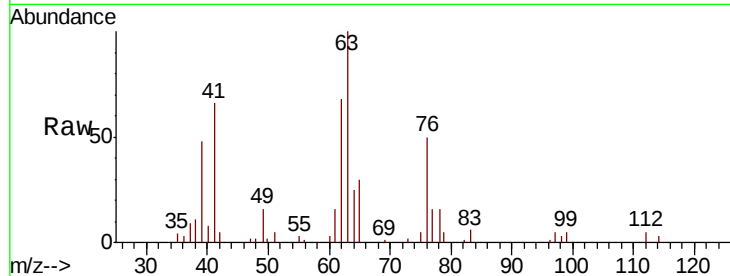




#45
 1,2-Dichloropropane
 Concen: 24.245 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

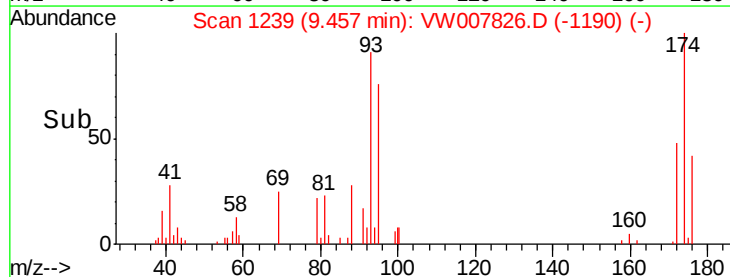
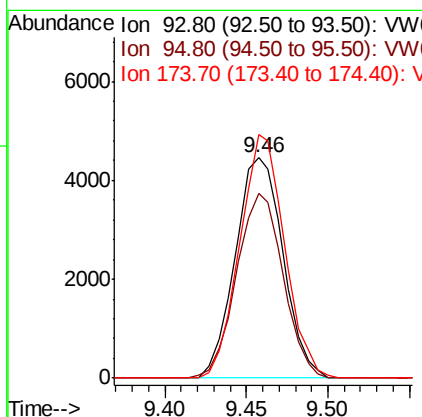
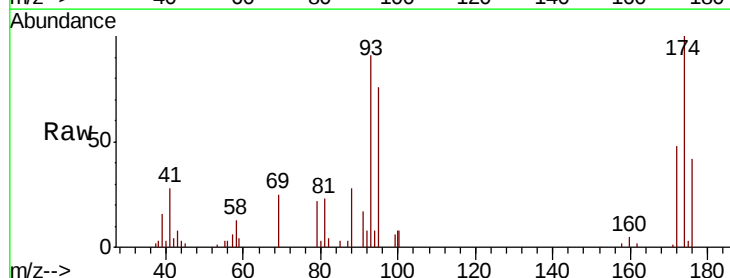
Instrument :
 MSVOA_W
 ClientSampleID :
 VW1223SBS02

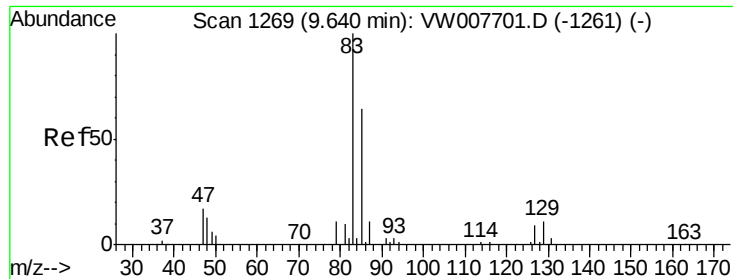
Tgt Ion: 63 Resp: 15234
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.8



#46
 Dibromomethane
 Concen: 23.421 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 93 Resp: 9059
 Ion Ratio Lower Upper
 93 100
 95 81.6 67.5 101.3
 174 103.4 83.9 125.9





#47

Bromodichloromethane

Concen: 21.032 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBS02

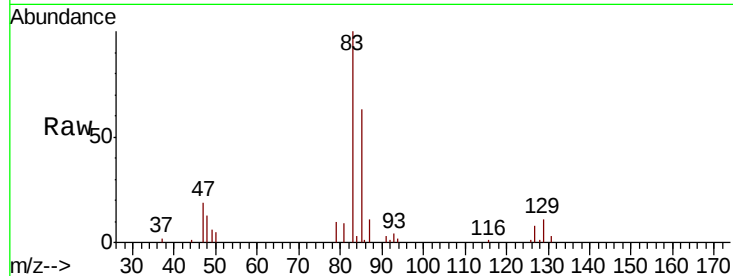
Tgt Ion: 83 Resp: 21386

Ion Ratio Lower Upper

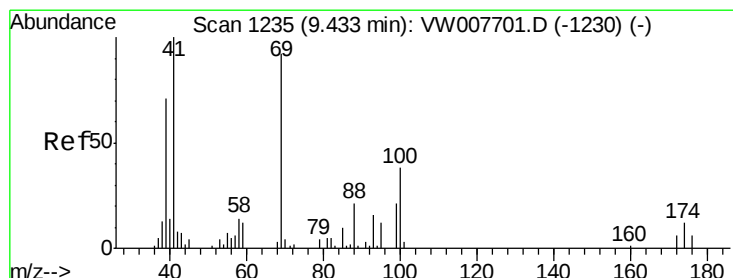
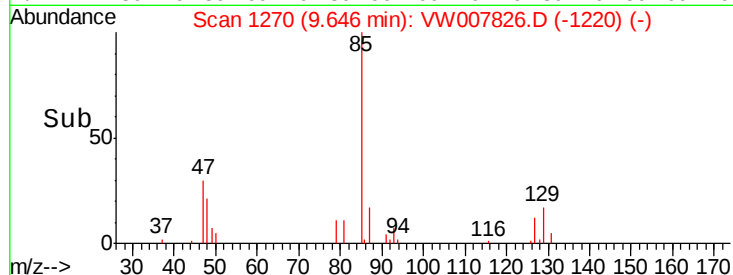
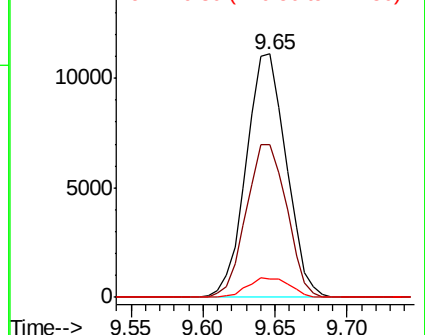
83 100

85 62.7 51.4 77.0

127 7.7 7.5 11.3



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



#48

Methyl methacrylate

Concen: 26.581 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

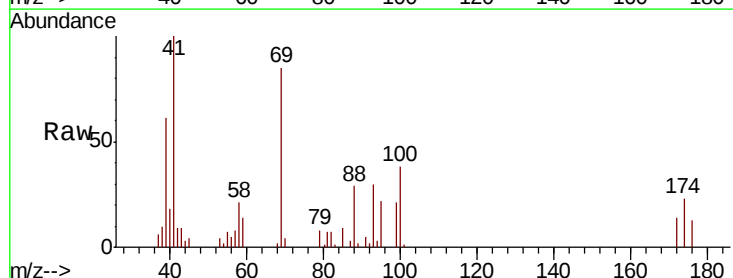
Tgt Ion: 41 Resp: 9735

Ion Ratio Lower Upper

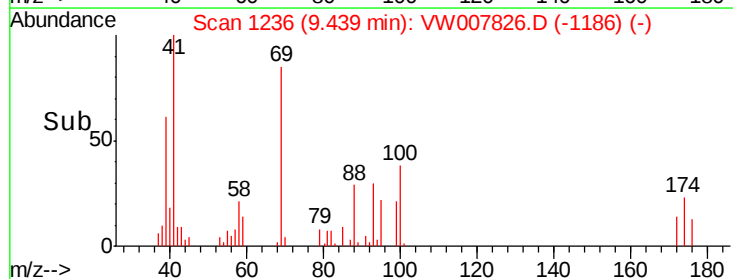
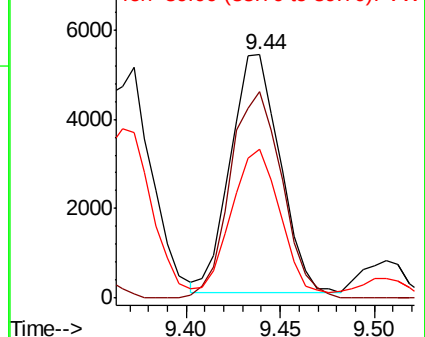
41 100

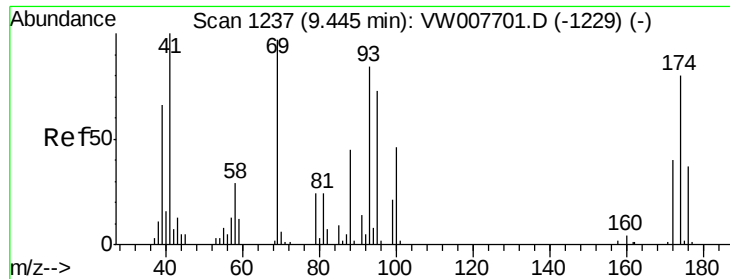
69 90.4 74.2 111.2

39 63.4 53.9 80.9



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

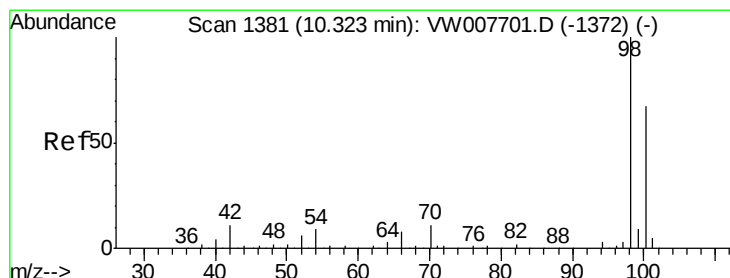
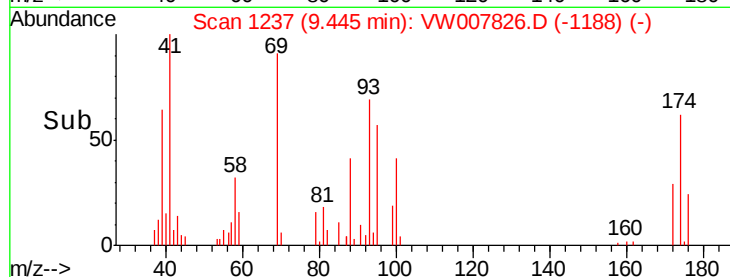
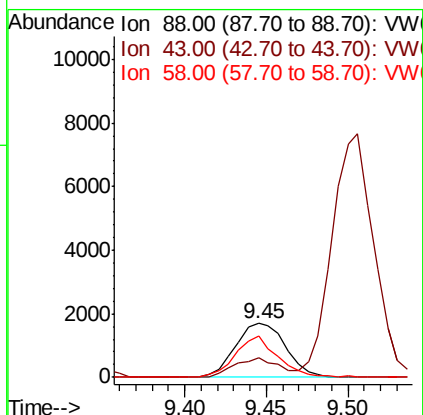
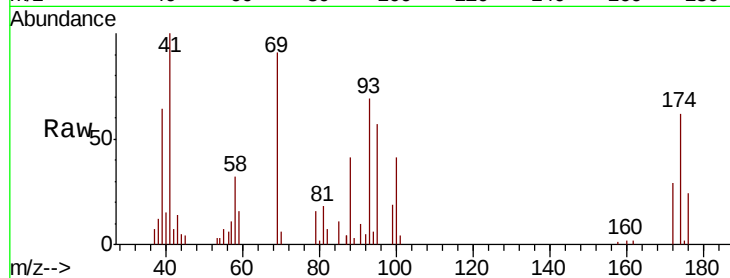




#49
 1,4-Dioxane
 Concen: 589.007 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

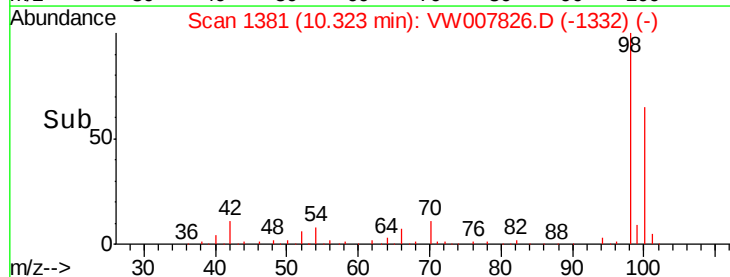
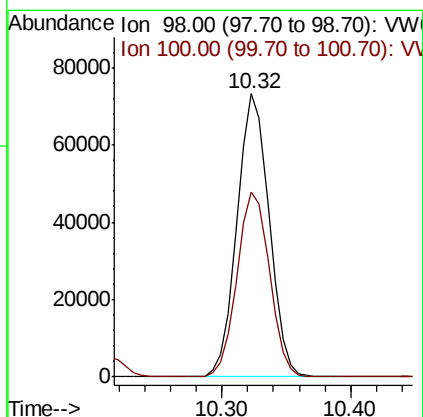
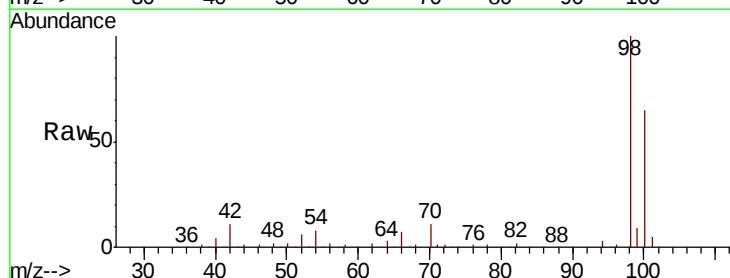
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

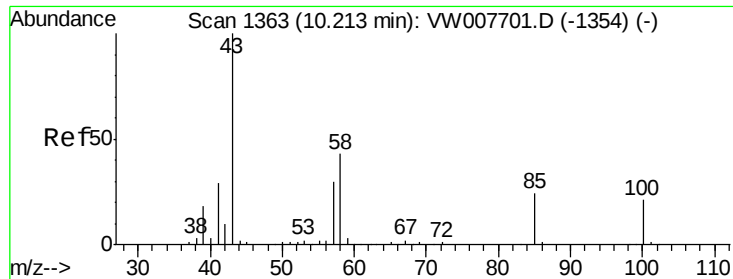
Tgt Ion: 88 Resp: 3612
 Ion Ratio Lower Upper
 88 100
 43 32.9 25.6 38.4
 58 65.3 52.3 78.5



#50
 Toluene-d8
 Concen: 49.929 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 98 Resp: 126248
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.2 78.2

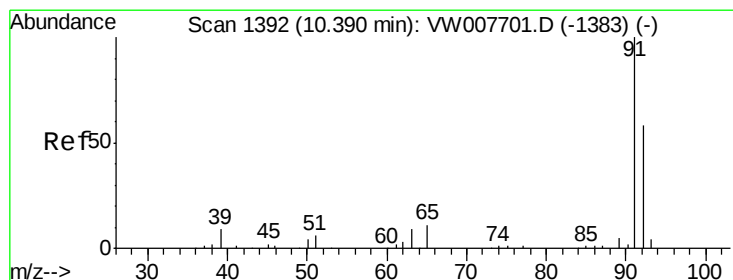
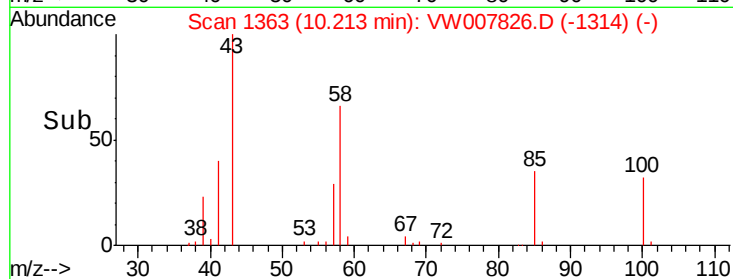
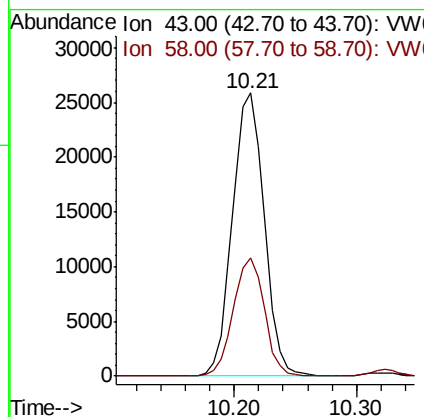
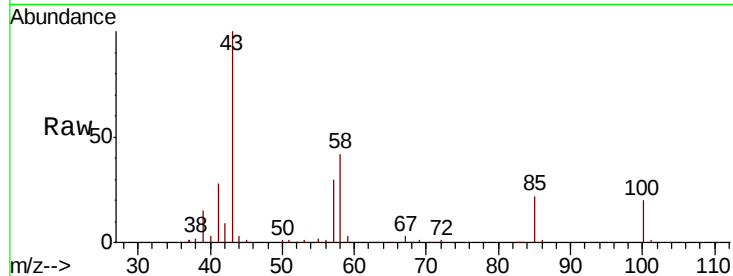




#51
 4-Methyl-2-Pentanone
 Concen: 133.984 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

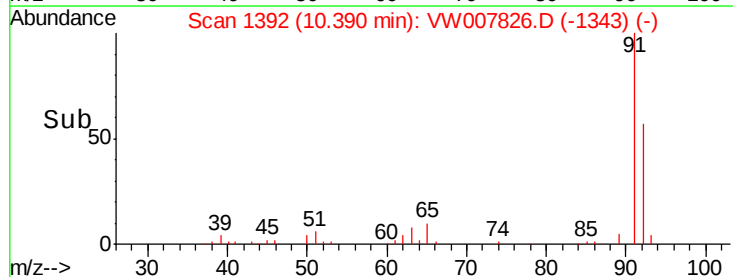
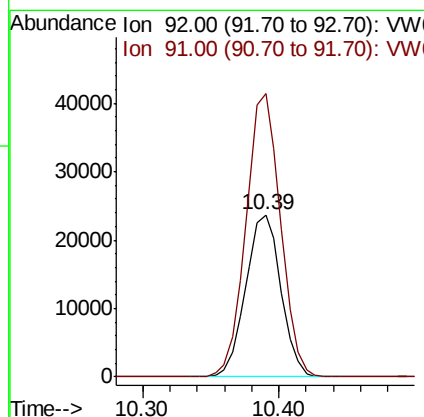
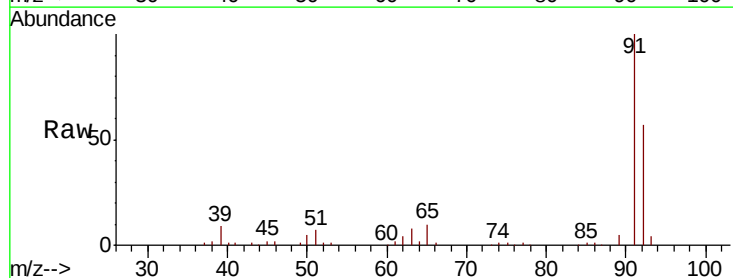
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

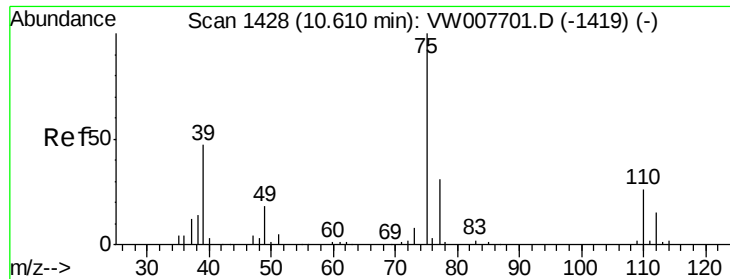
Tgt Ion: 43 Resp: 46460
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.2 49.8



#52
 Toluene
 Concen: 22.567 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 92 Resp: 42876
 Ion Ratio Lower Upper
 92 100
 91 171.6 137.0 205.4

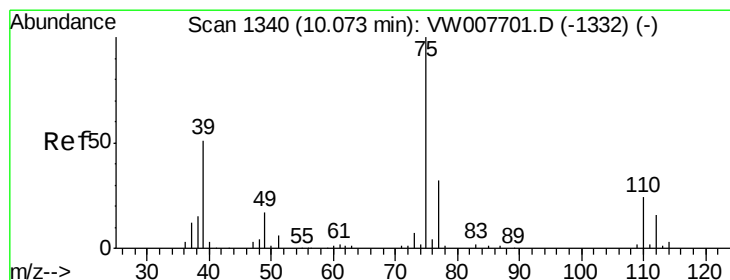
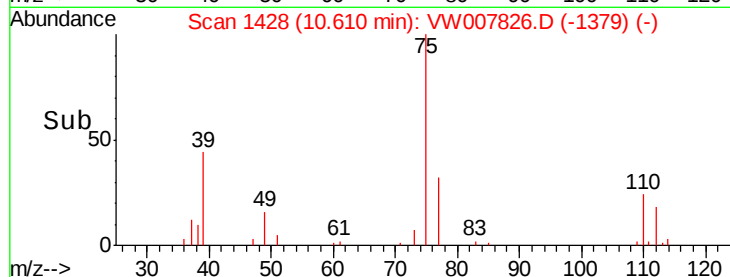
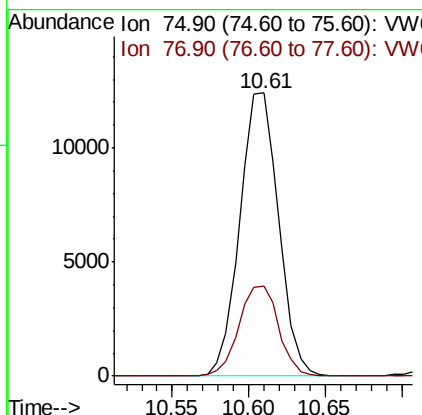
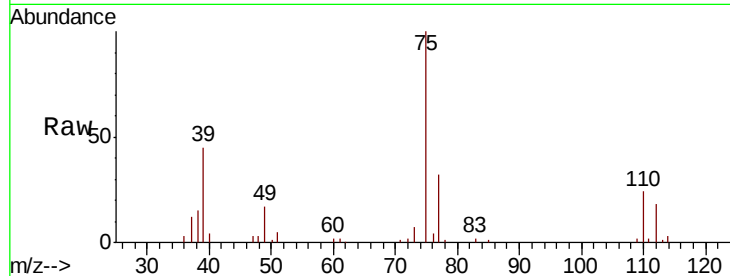




#53
 t-1,3-Dichloropropene
 Concen: 21.599 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

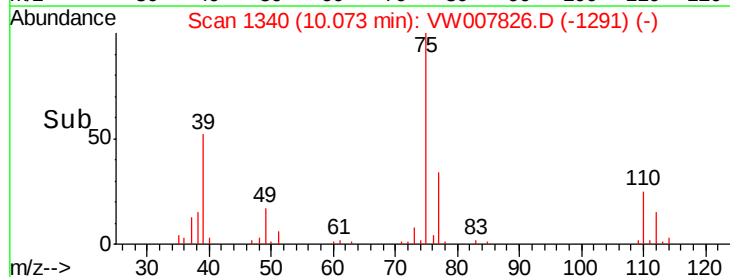
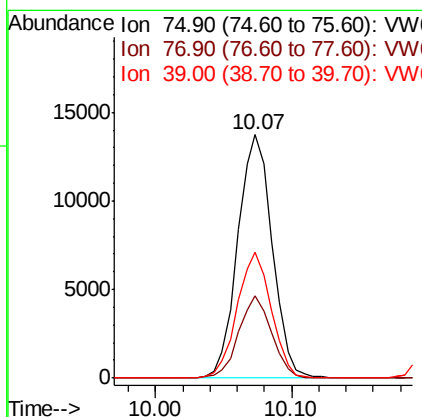
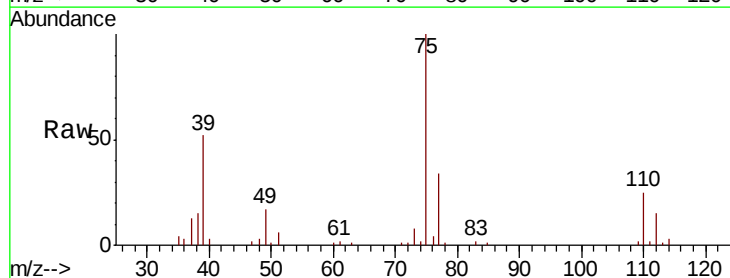
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

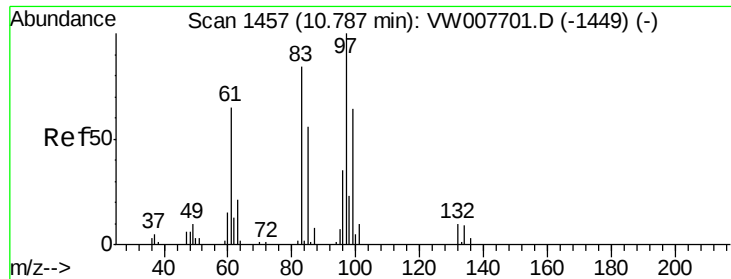
Tgt Ion: 75 Resp: 21846
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.771 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 75 Resp: 24322
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.5 38.3
 39 51.9 41.2 61.8

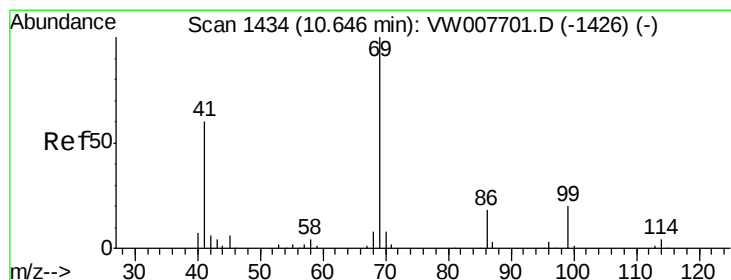
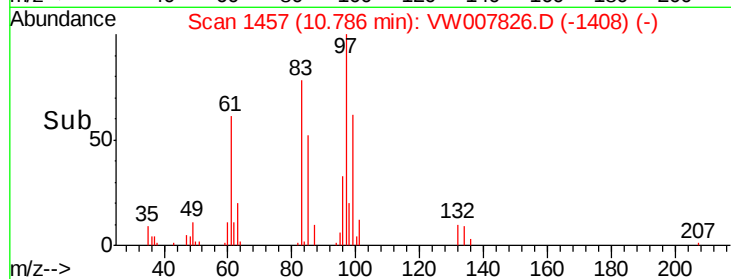
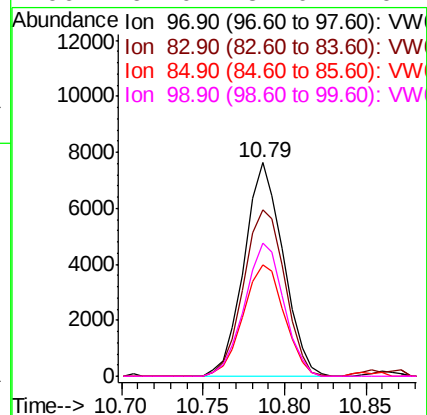
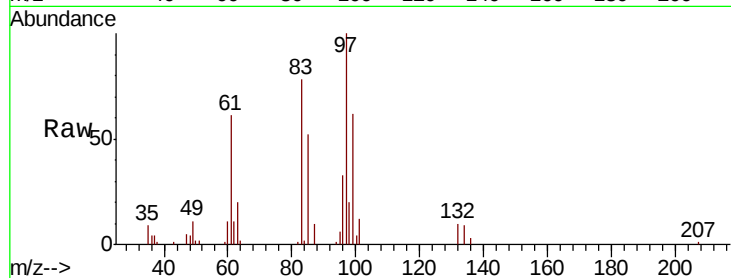




#55
 1,1,2-Trichloroethane
 Concen: 23.975 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

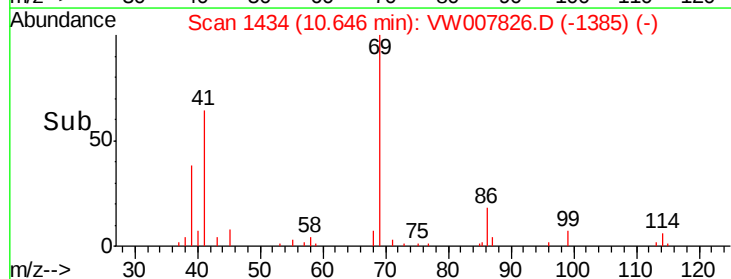
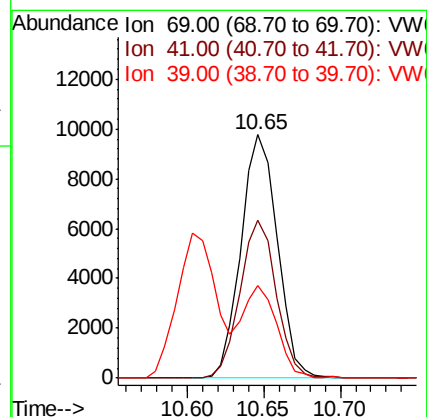
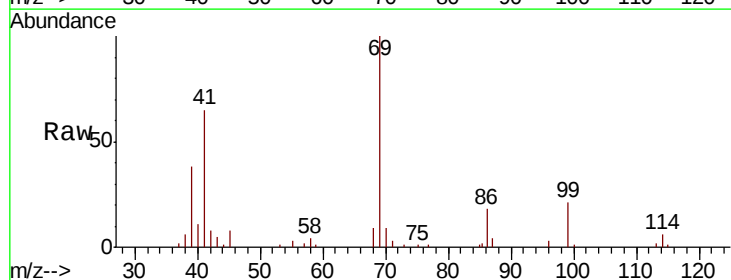
Instrument :
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 ClientSampleId :
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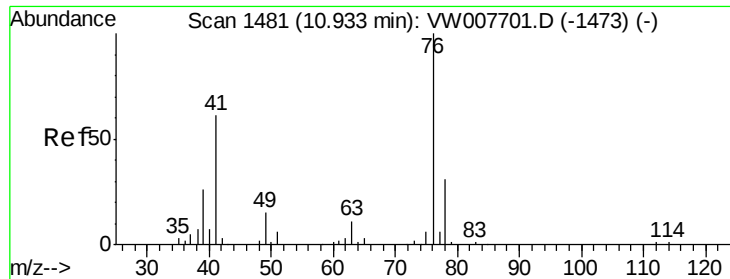
Tgt Ion: 97 Resp: 12784
 Ion Ratio Lower Upper
 97 100
 83 77.8 67.5 101.3
 85 51.9 44.8 67.2
 99 62.0 51.0 76.4



#56
 Ethyl methacrylate
 Concen: 25.665 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 69 Resp: 16169
 Ion Ratio Lower Upper
 69 100
 41 64.6 48.9 73.3
 39 36.0 31.3 46.9

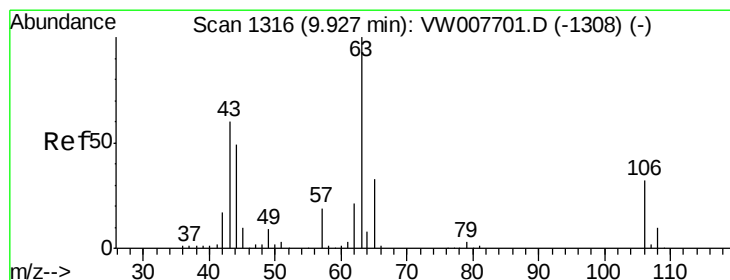
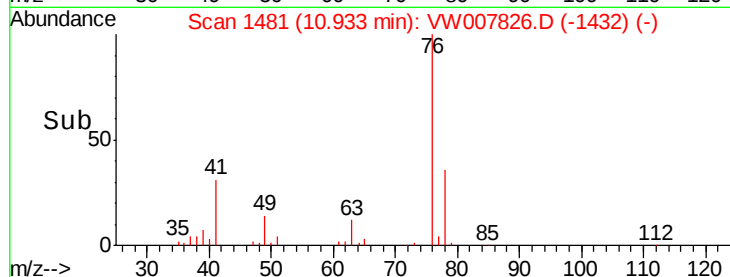
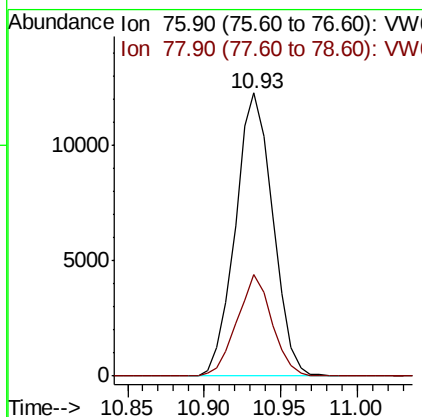
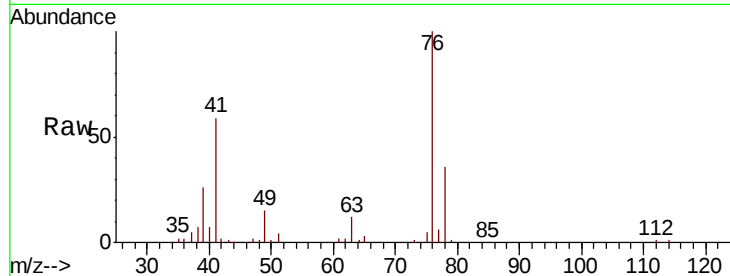




#57
 1,3-Dichloropropane
 Concen: 23.483 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

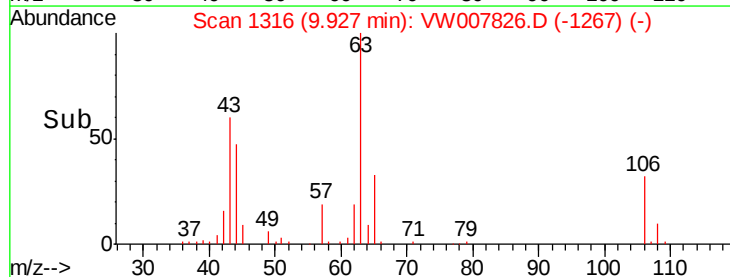
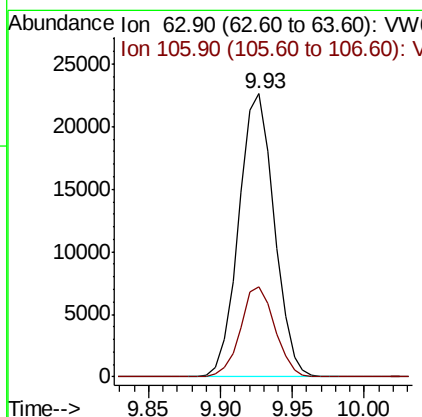
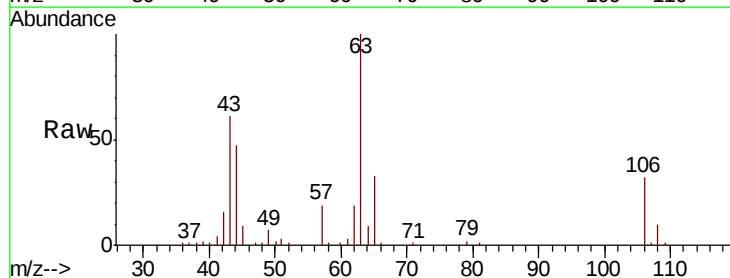
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBSD02

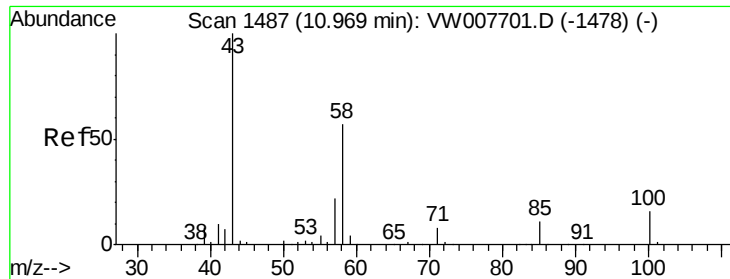
Tgt Ion: 76 Resp: 20793
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 134.500 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 63 Resp: 38688
 Ion Ratio Lower Upper
 63 100
 106 30.7 25.9 38.9





#59

2-Hexanone

Concen: 130.327 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

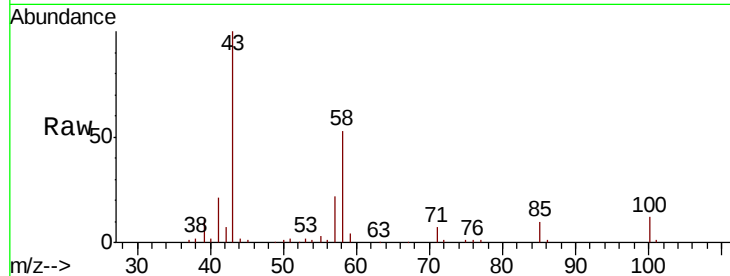
VW1223SBS02

Tgt Ion: 43 Resp: 31782

Ion Ratio Lower Upper

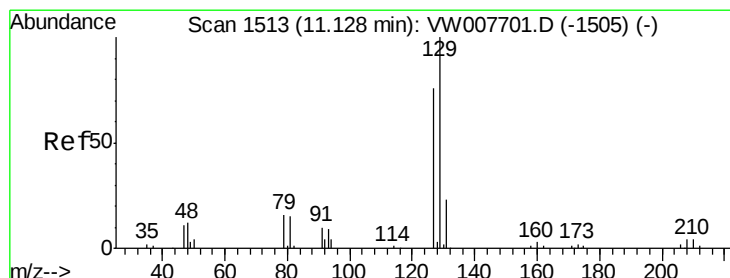
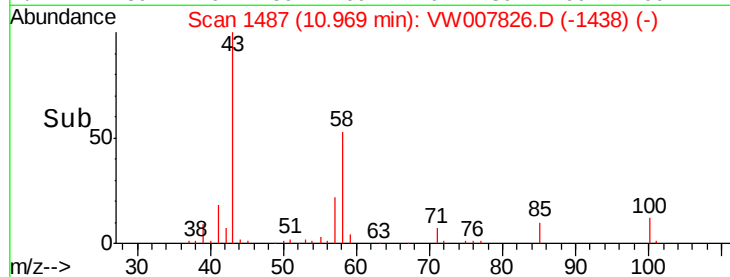
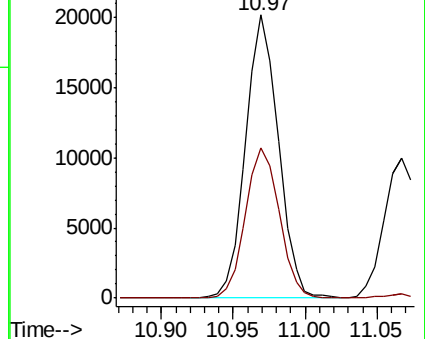
43 100

58 54.8 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 20.491 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007826.D

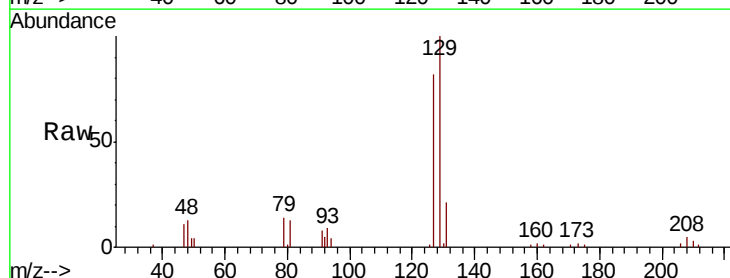
Acq: 22 Dec 2018 07:31

Tgt Ion: 129 Resp: 14467

Ion Ratio Lower Upper

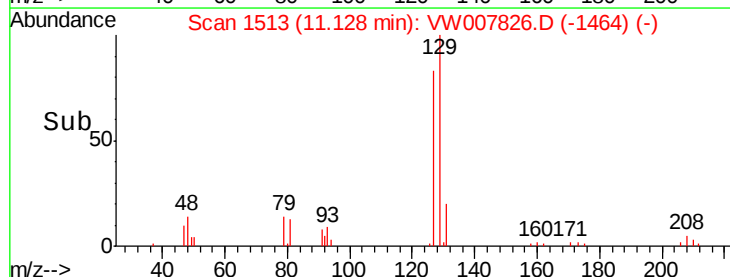
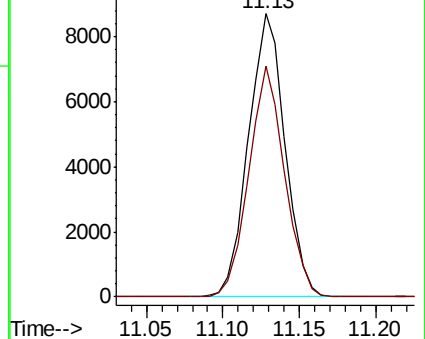
129 100

127 79.5 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

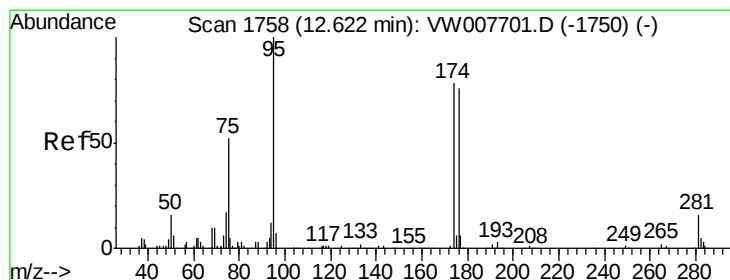
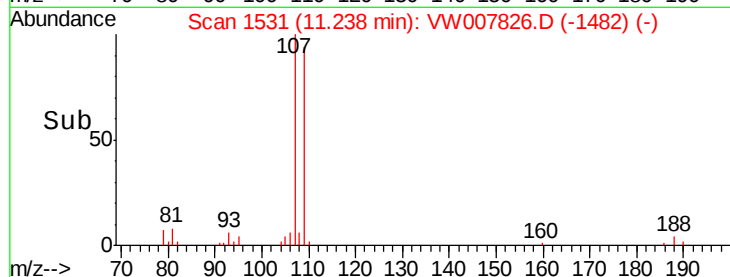
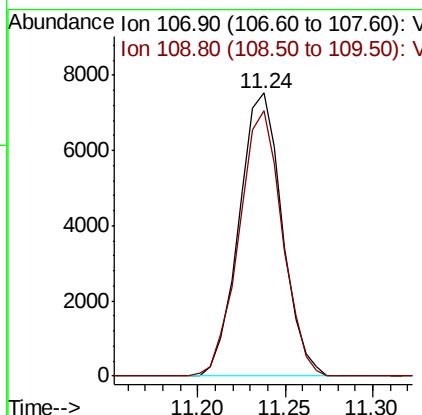
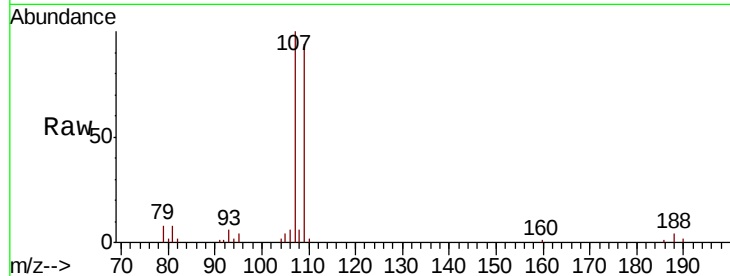




#61
 1,2-Dibromoethane
 Concen: 23.853 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

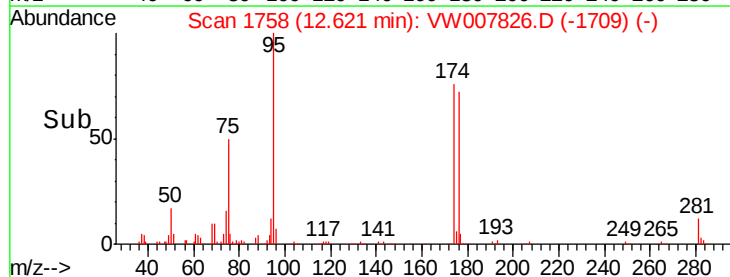
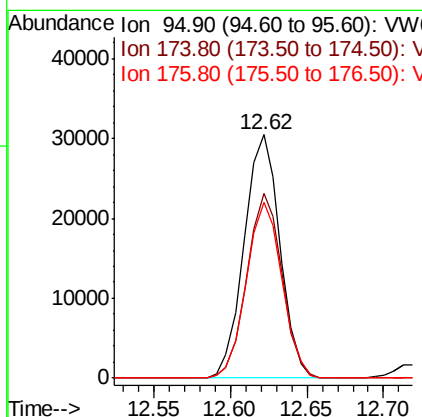
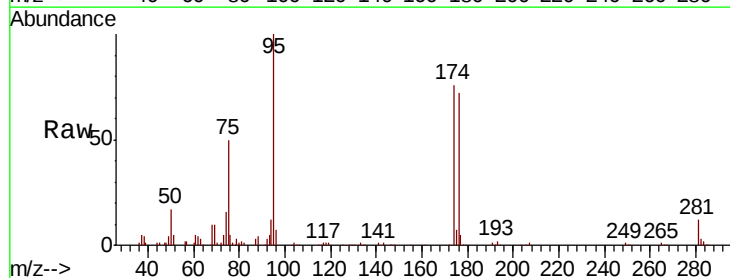
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

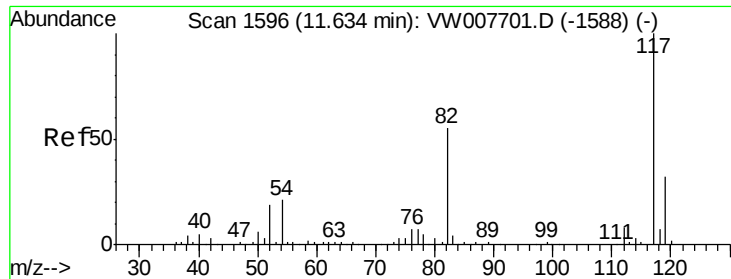
Tgt Ion: 107 Resp: 12880
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.648 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 95 Resp: 49475
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 152.2
 176 71.9 0.0 146.8

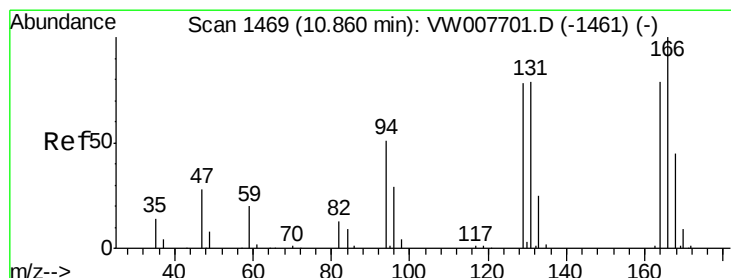
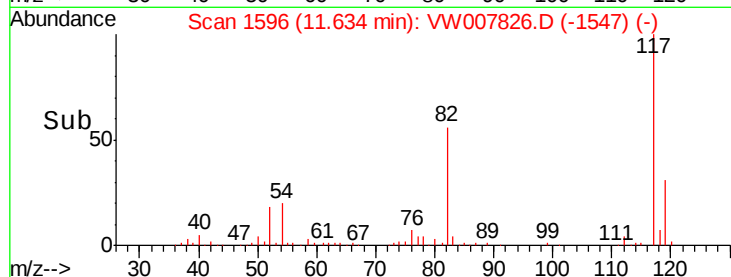
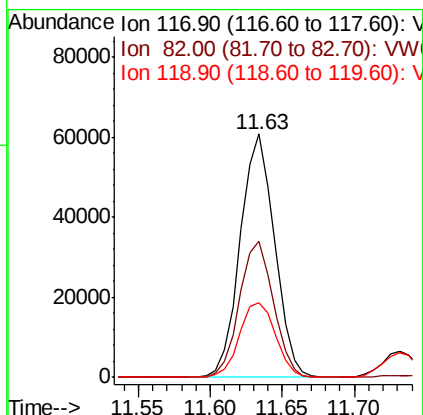
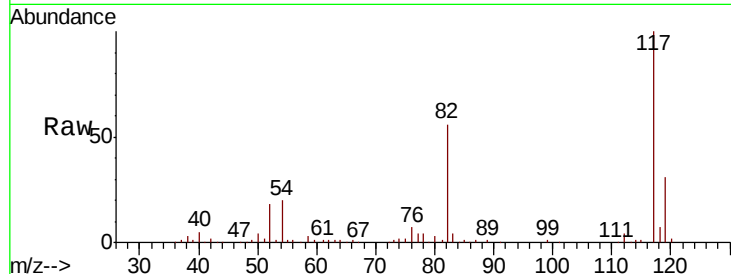




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

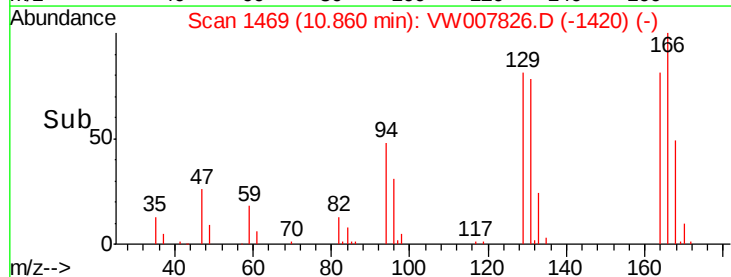
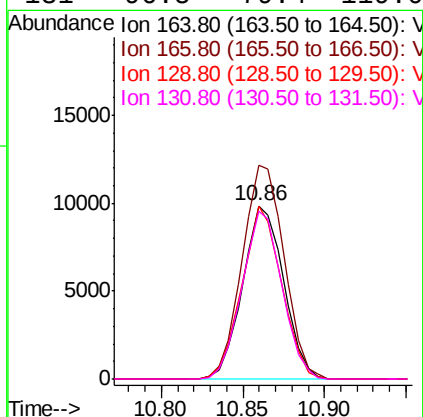
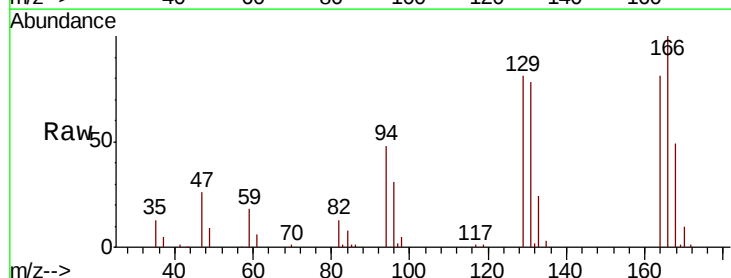
Instrument :
MSVOA_W
ClientSampleId :
VW1223SBS02

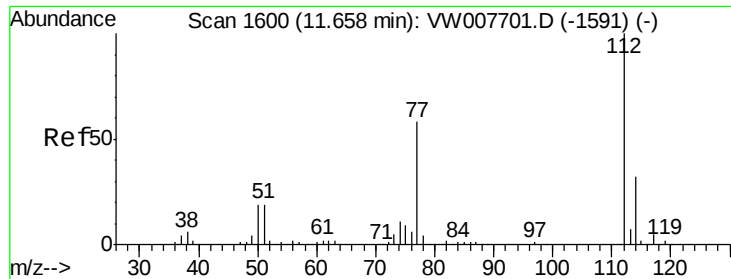
Tgt Ion:117 Resp: 100408
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 30.8 25.7 38.5



#64
Tetrachloroethene
Concen: 24.158 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion:164 Resp: 17177
Ion Ratio Lower Upper
164 100
166 123.2 101.0 151.6
129 99.5 78.7 118.1
131 96.5 79.4 119.0

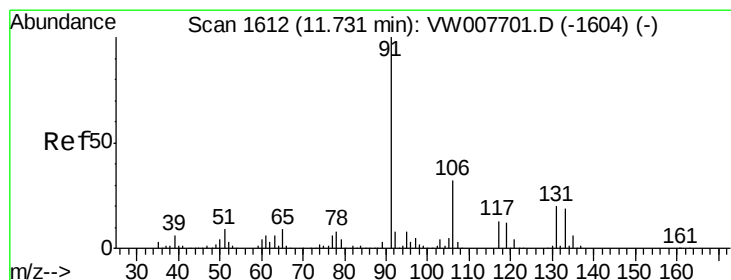
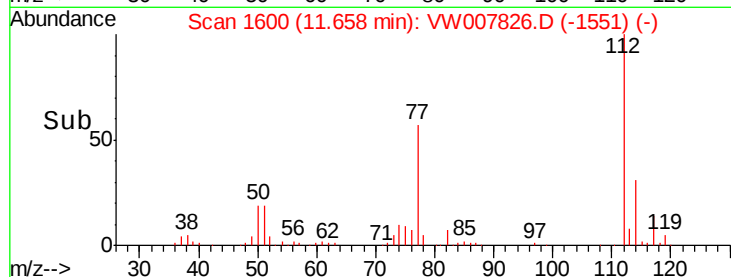
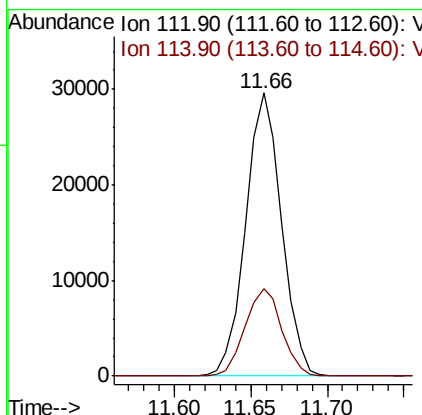
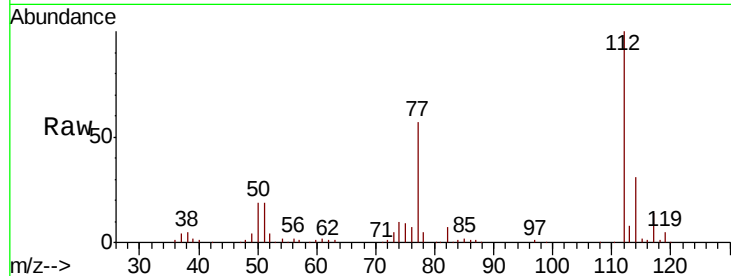




#65
Chlorobenzene
Concen: 22.179 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

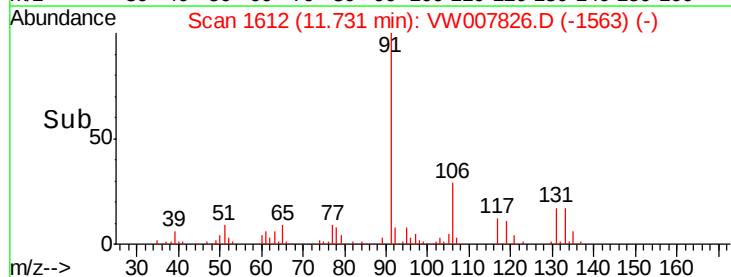
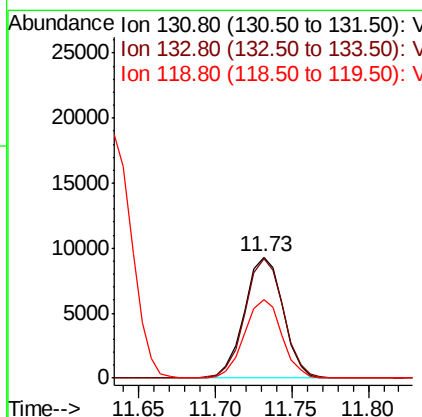
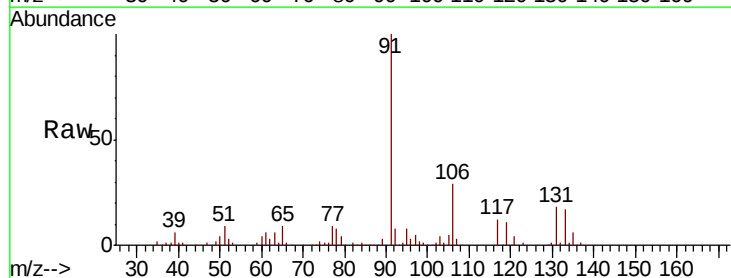
Instrument :
MSVOA_W
ClientSampleId :
VW1223SBSD02

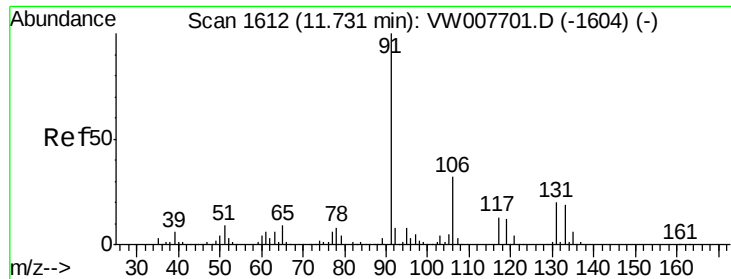
Tgt Ion:112 Resp: 48201
Ion Ratio Lower Upper
112 100
114 31.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.936 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion:131 Resp: 16258
Ion Ratio Lower Upper
131 100
133 98.2 47.5 142.5
119 63.2 30.2 90.6

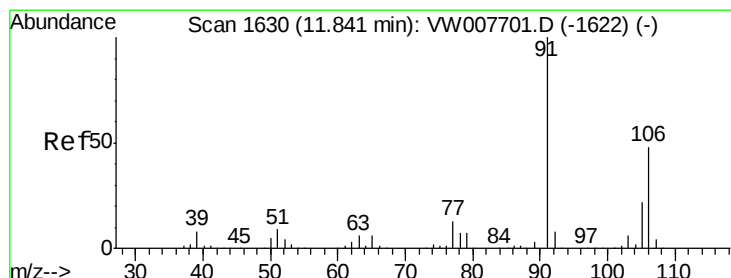
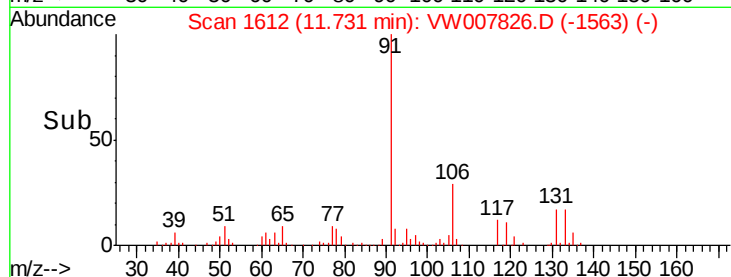
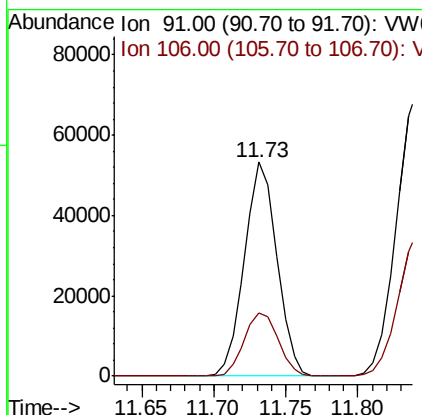
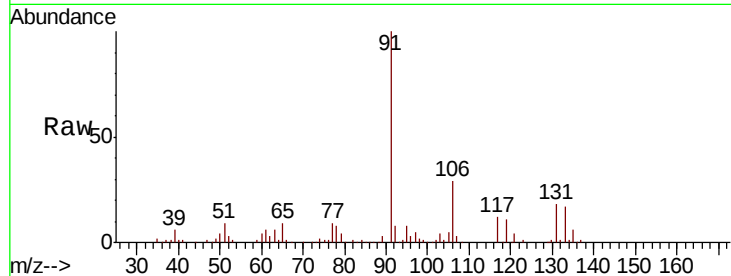




#67
Ethyl Benzene
Concen: 22.384 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

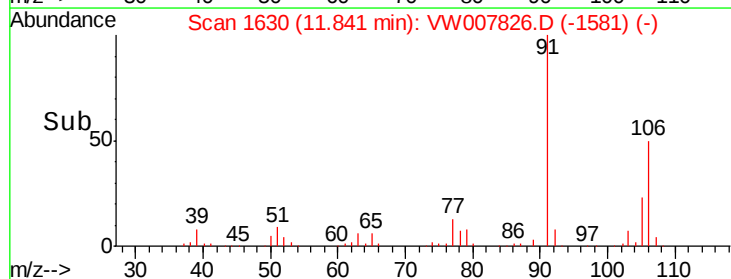
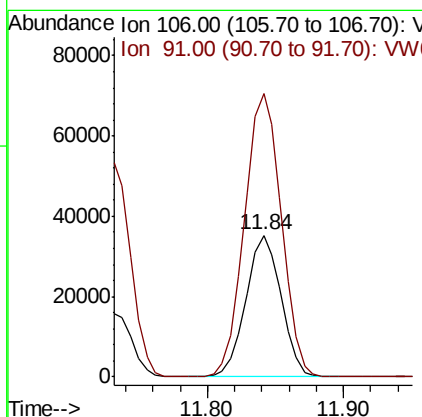
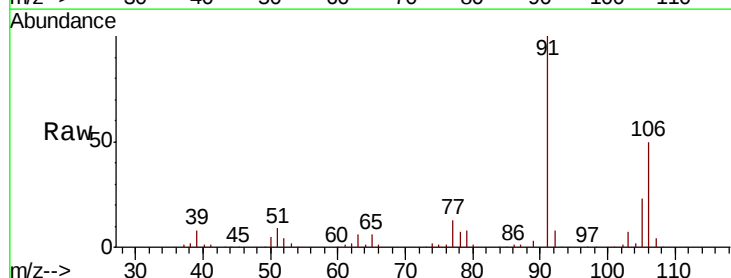
Instrument :
MSVOA_W
ClientSampleId :
VW1223SBSD02

Tgt Ion: 91 Resp: 83478
Ion Ratio Lower Upper
91 100
106 29.3 25.8 38.8



#68
m/p-Xylenes
Concen: 44.292 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion: 106 Resp: 64075
Ion Ratio Lower Upper
106 100
91 209.2 165.2 247.8

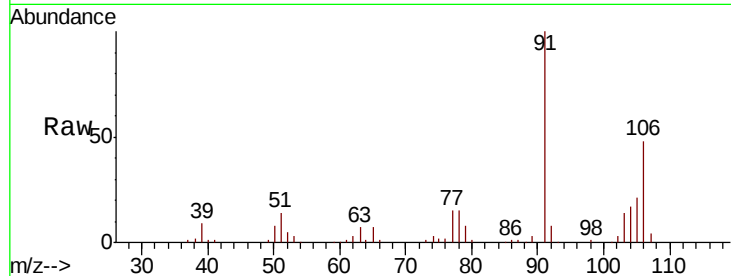




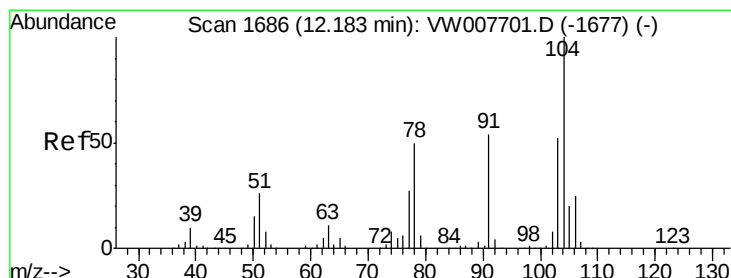
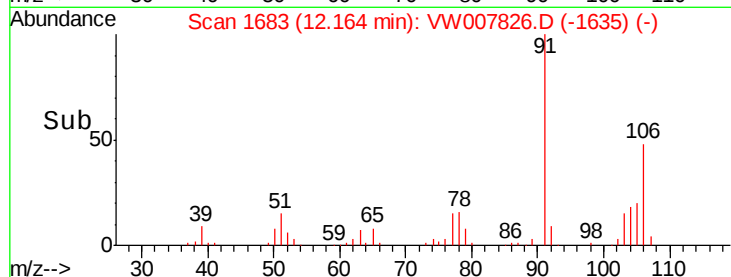
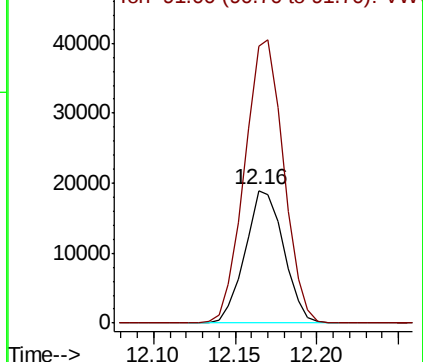
#69
o-Xylene
Concen: 23.047 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Instrument :
MSVOA_W
ClientSampleId :
VW1223SBSD02

Tgt Ion:106 Resp: 31253
Ion Ratio Lower Upper
106 100
91 216.1 110.5 331.4

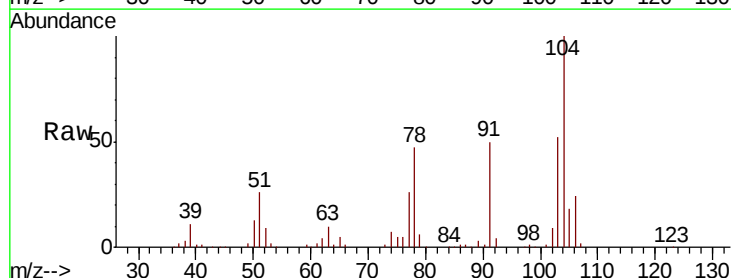


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

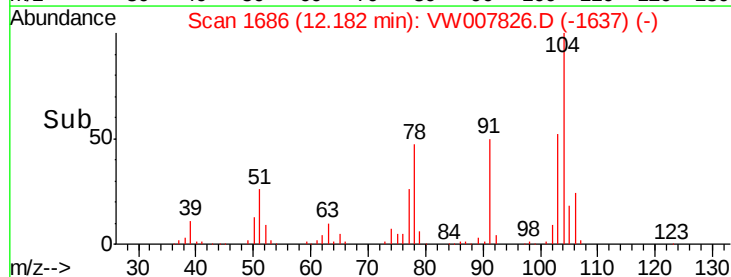
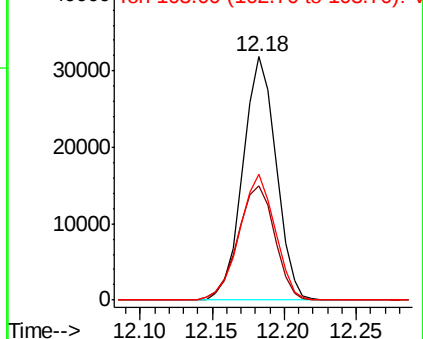


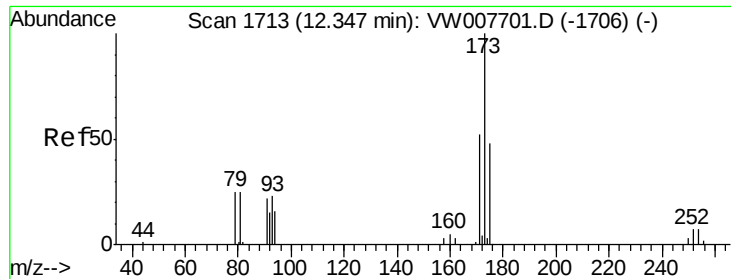
#70
Styrene
Concen: 22.867 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion:104 Resp: 50973
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.0
103 55.2 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.781 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBSD02

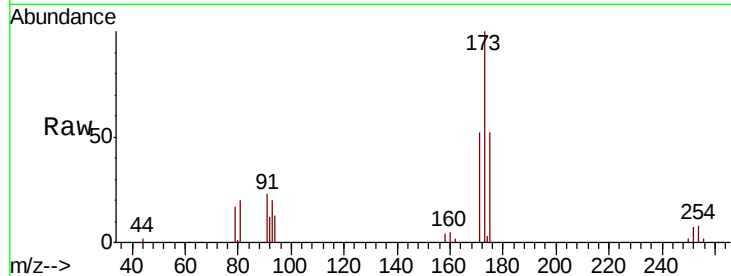
Tgt Ion:173 Resp: 7974

Ion Ratio Lower Upper

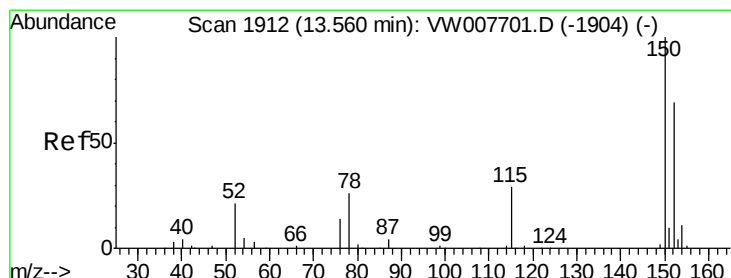
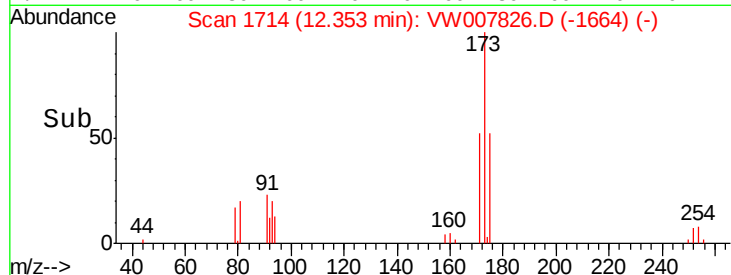
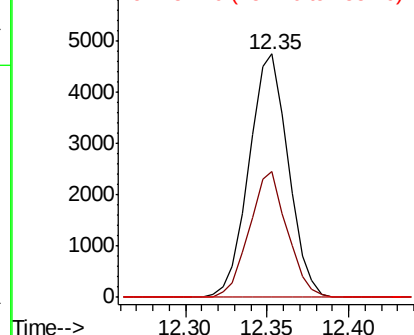
173 100

175 49.8 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: VW007826.D

Acq: 22 Dec 2018 07:31

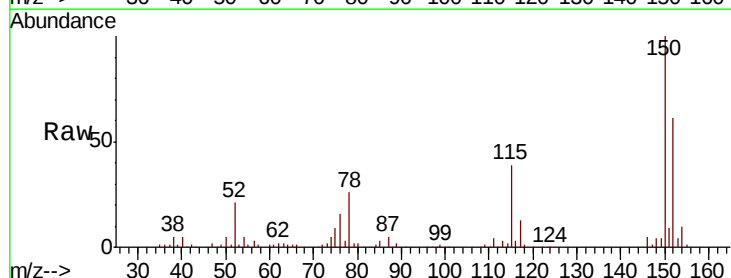
Tgt Ion:152 Resp: 50369

Ion Ratio Lower Upper

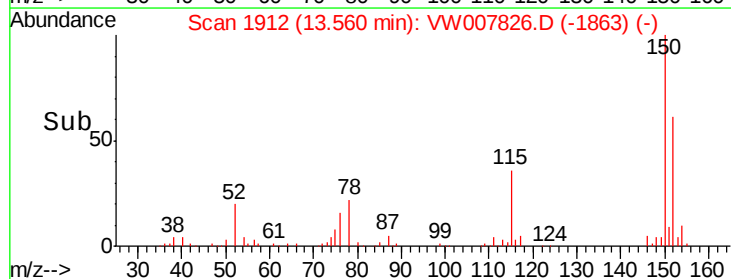
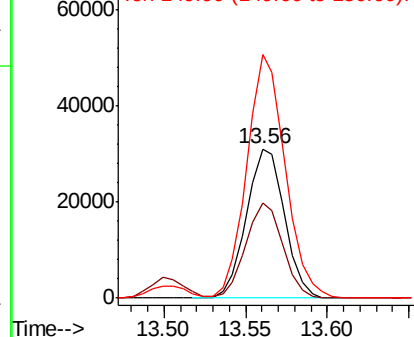
152 100

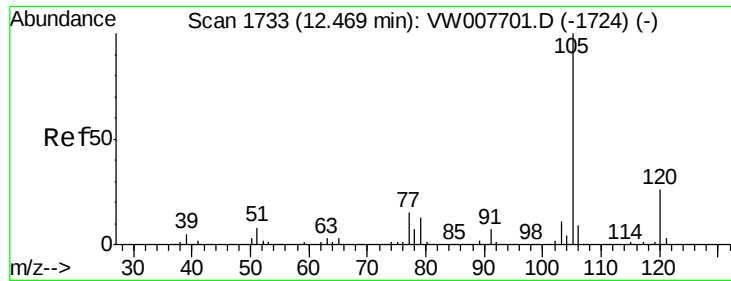
115 62.1 31.8 95.4

150 164.8 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: 22.607 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

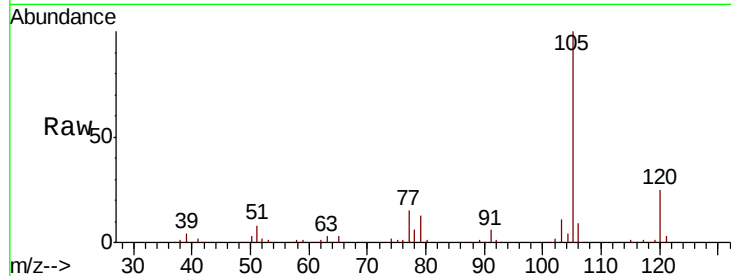
VW1223SBSD02

Tgt Ion:105 Resp: 86074

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

60000

50000

40000

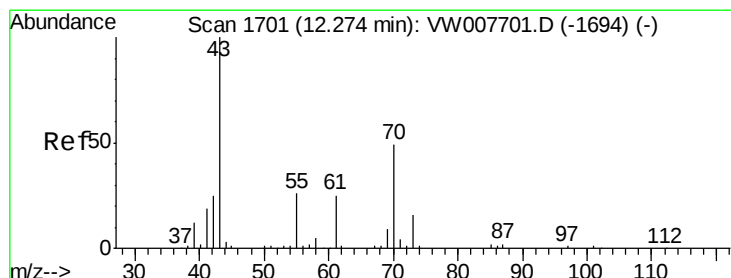
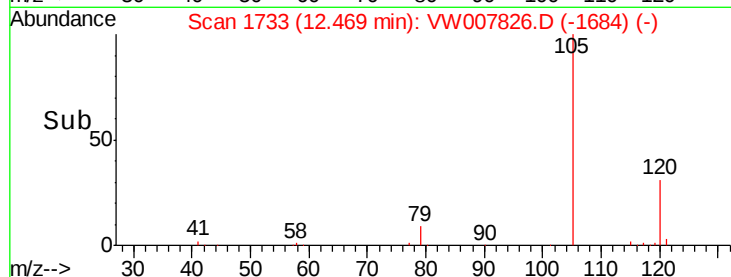
30000

20000

10000

0

Time-->



#74

N-ethyl acetate

Concen: 26.866 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Tgt Ion: 43 Resp: 17718

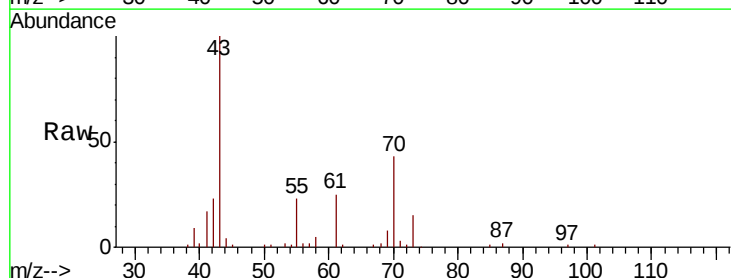
Ion Ratio Lower Upper

43 100

70 44.5 37.6 56.4

55 24.1 21.7 32.5

61 25.2 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

12.27

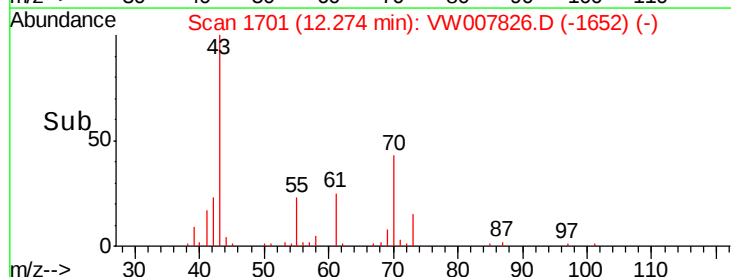
15000

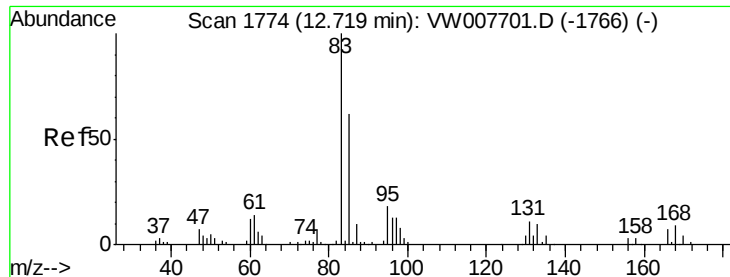
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 24.838 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBSD02

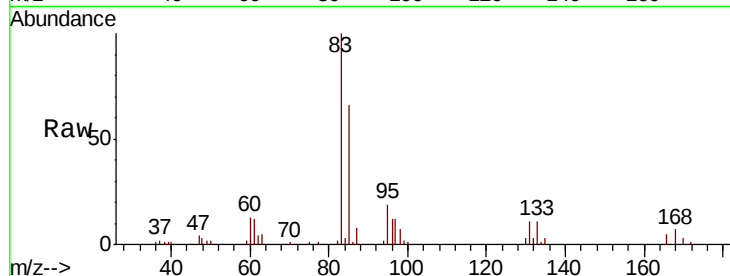
Tgt Ion: 83 Resp: 14179

Ion Ratio Lower Upper

83 100

131 12.0 6.3 18.8

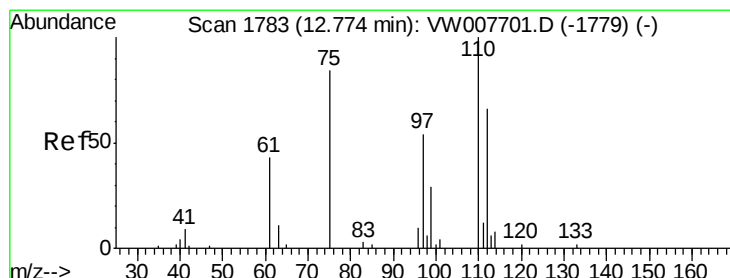
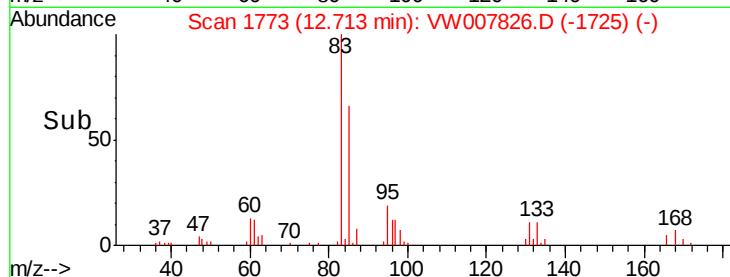
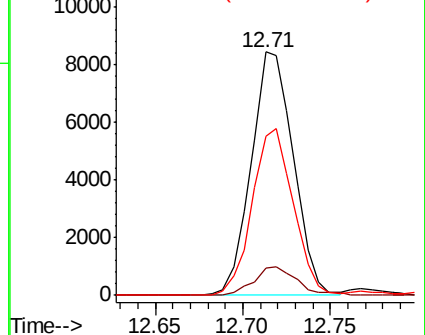
85 66.4 32.3 96.8



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: 48.014 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007826.D

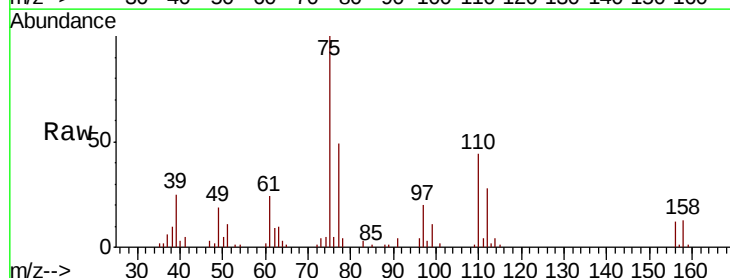
Acq: 22 Dec 2018 07:31

Tgt Ion: 75 Resp: 18692

Ion Ratio Lower Upper

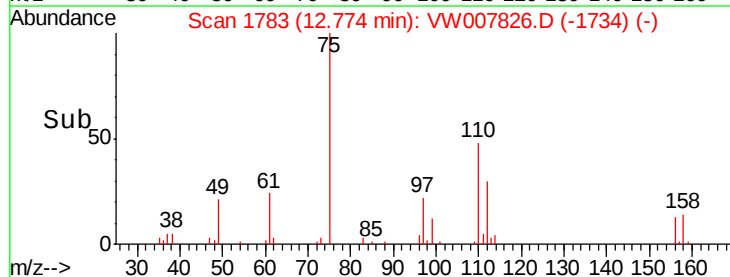
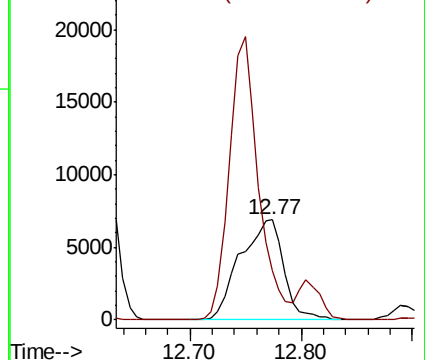
75 100

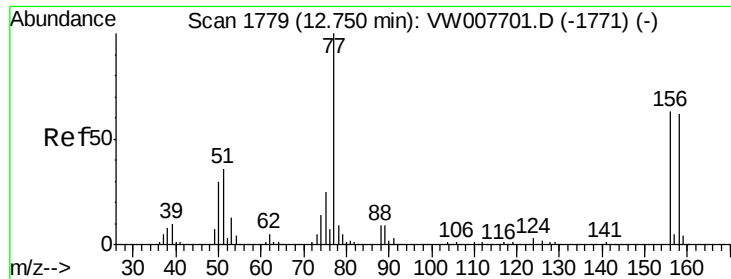
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.358 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBSD02

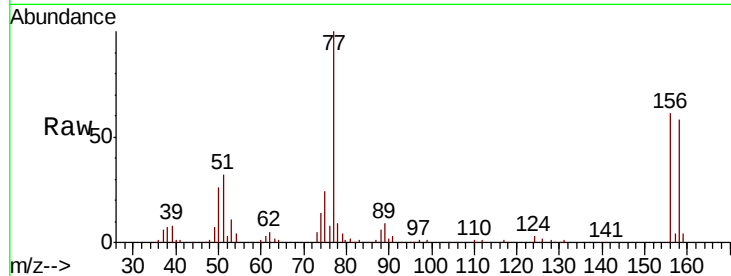
Tgt Ion: 156 Resp: 19508

Ion Ratio Lower Upper

156 100

77 182.5 87.4 262.1

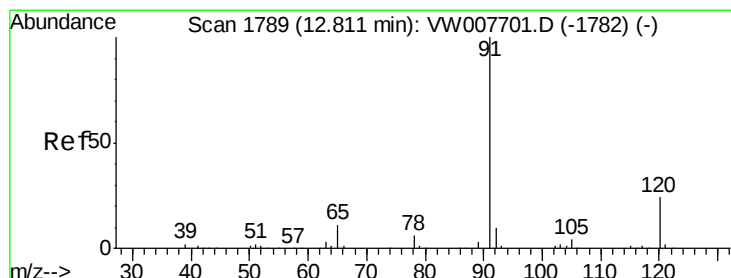
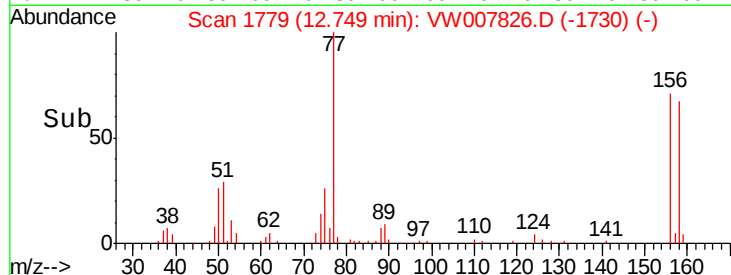
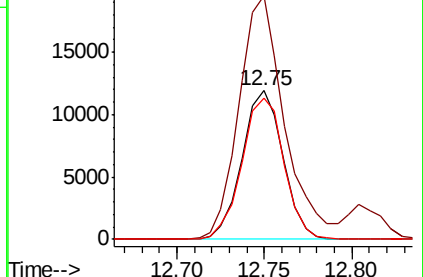
158 97.3 48.4 145.0



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: 22.386 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007826.D

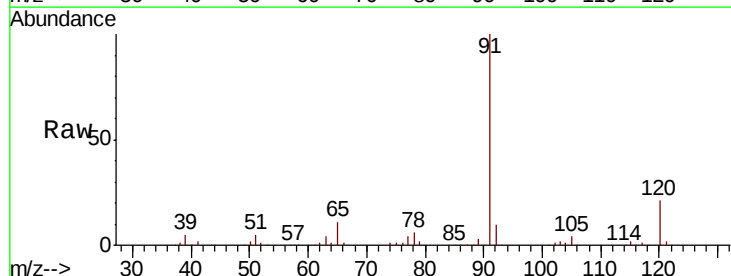
Acq: 22 Dec 2018 07:31

Tgt Ion: 91 Resp: 99215

Ion Ratio Lower Upper

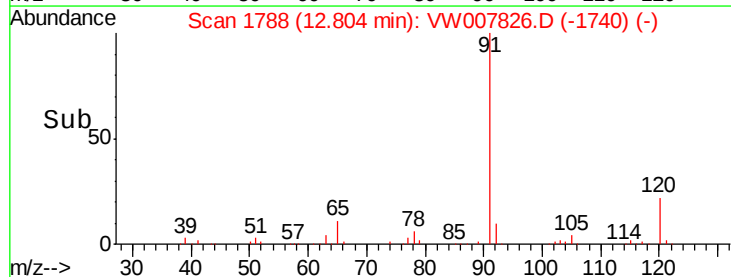
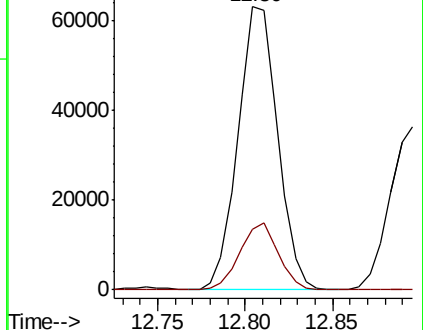
91 100

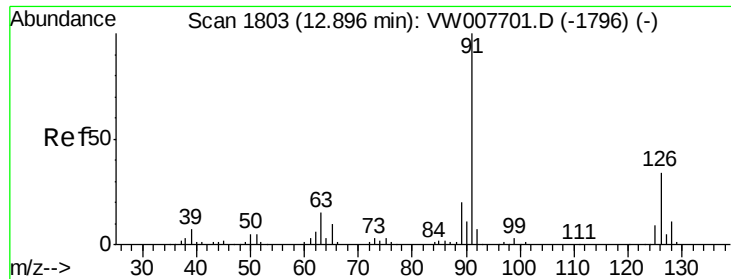
120 22.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

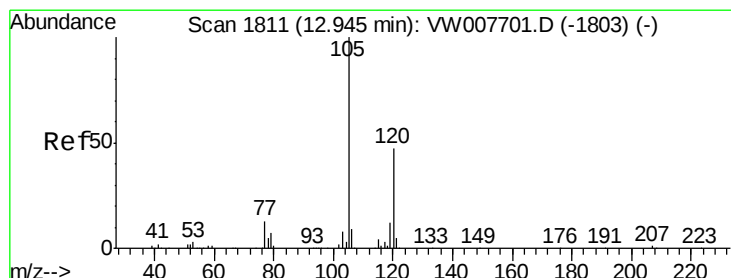
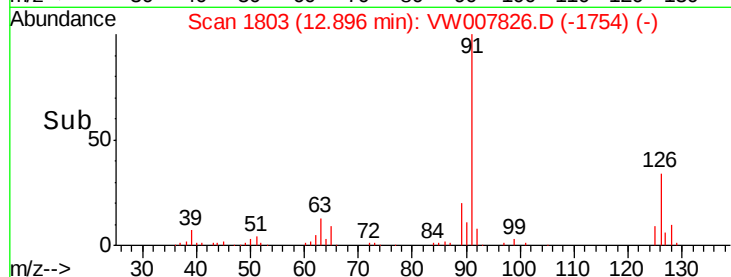
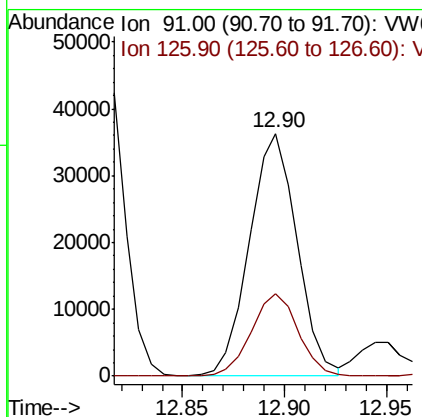
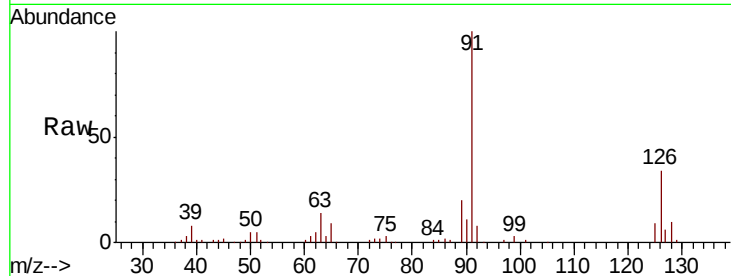




#79
 2-Chlorotoluene
 Concen: 22.752 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

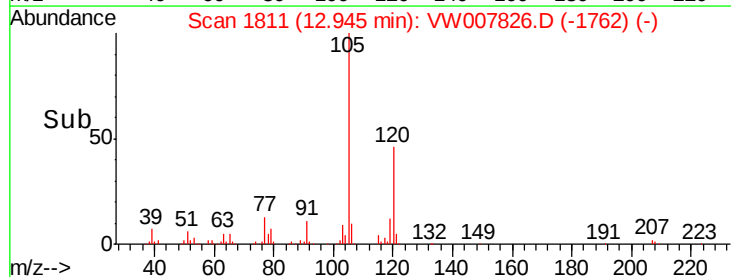
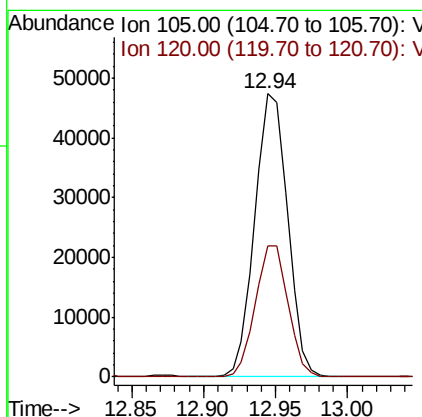
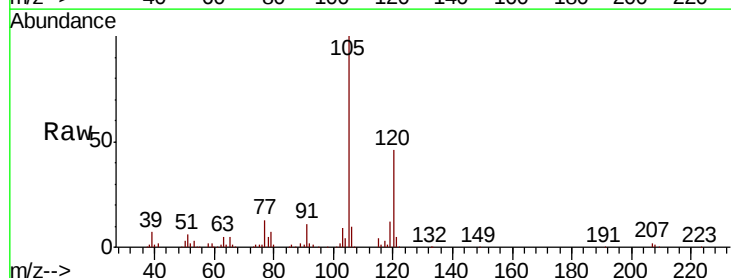
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

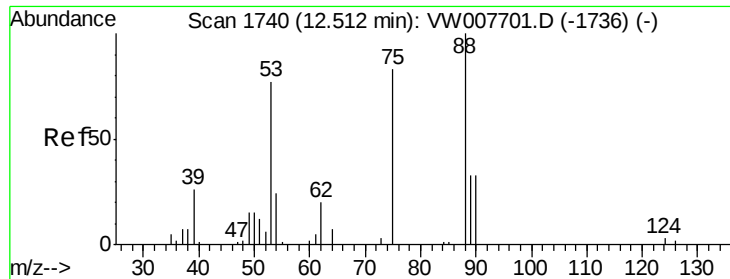
Tgt Ion: 91 Resp: 58743
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.752 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion: 105 Resp: 74719
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.6 70.8

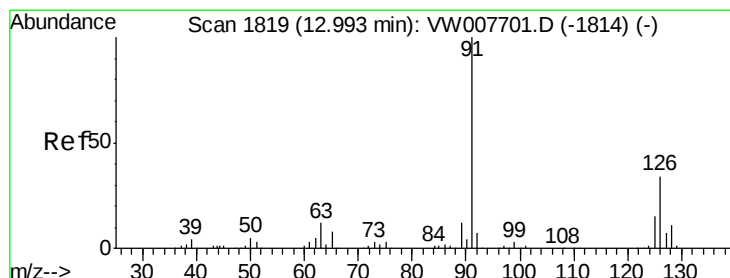
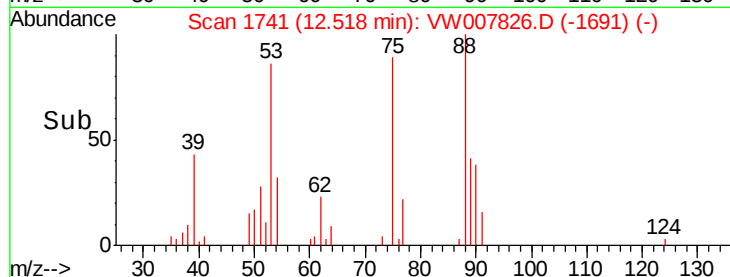
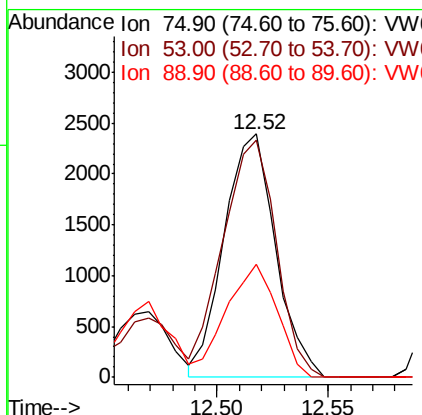
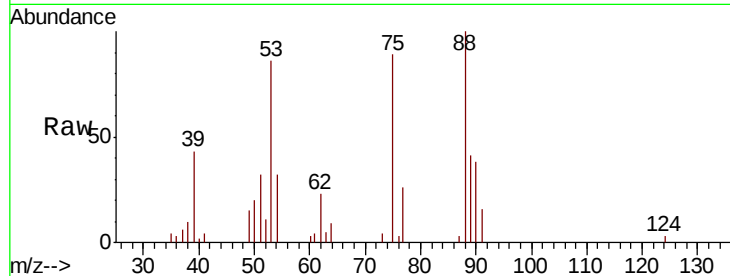




#81
trans-1,4-Dichloro-2-butene
Concen: 20.802 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

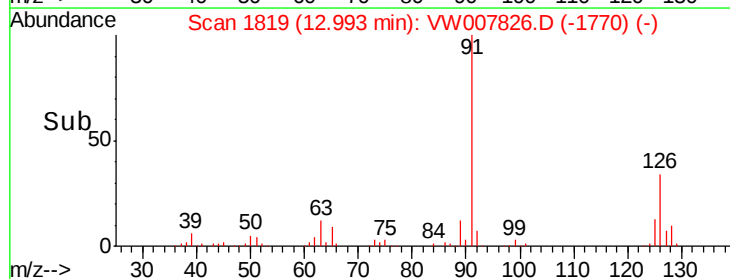
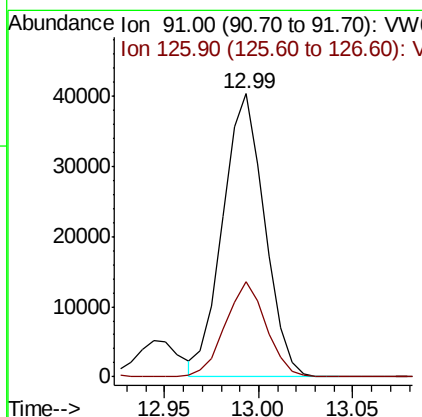
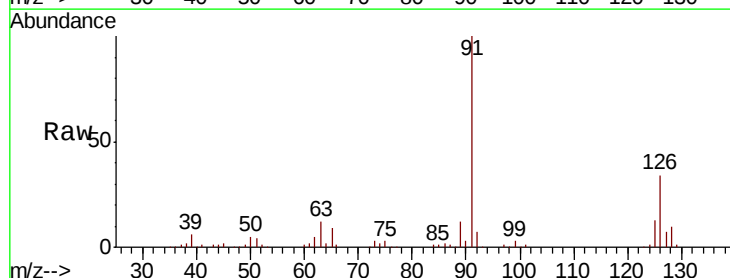
Instrument :
MSVOA_W
ClientSampleId :
VW1223SBSD02

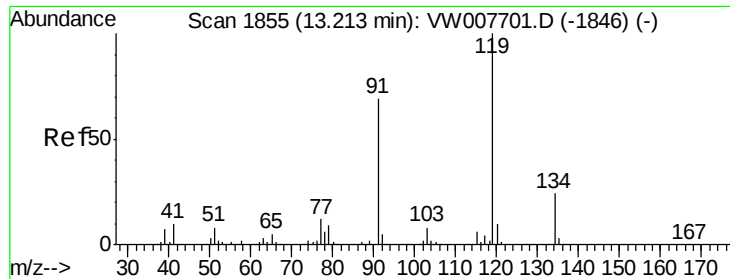
Tgt Ion: 75 Resp: 3858
Ion Ratio Lower Upper
75 100
53 100.9 80.2 120.2
89 46.0 39.2 58.8



#82
4-Chlorotoluene
Concen: 22.610 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion: 91 Resp: 62156
Ion Ratio Lower Upper
91 100
126 32.8 16.5 49.5





#83

tert-Butylbenzene

Concen: 22.826 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

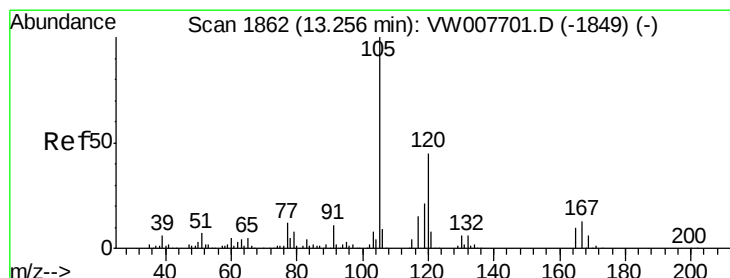
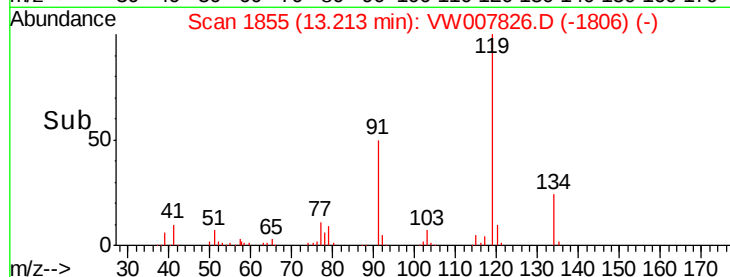
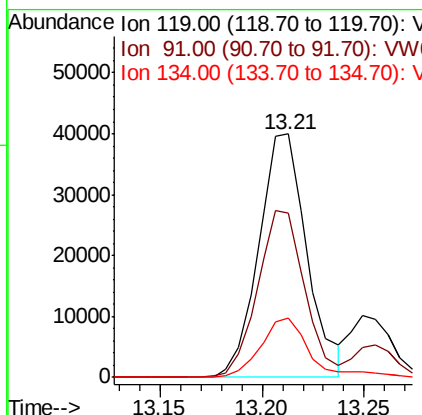
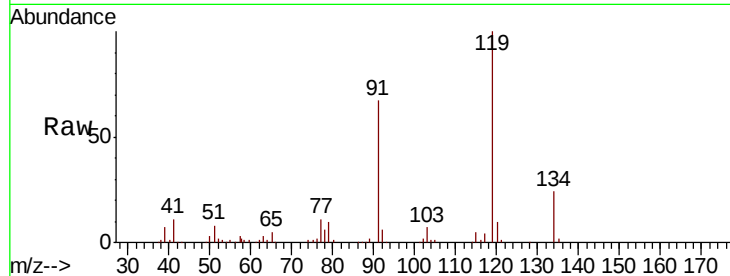
Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :
MSVOA_W
ClientSampleId :
VW1223SBSD02

Tgt Ion:119 Resp: 65774

Ion	Ratio	Lower	Upper
119	100		
91	66.9	34.2	102.5
134	24.8	12.8	38.4



#84

1,2,4-Trimethylbenzene

Concen: 22.708 ug/l

RT: 13.26 min Scan# 1862

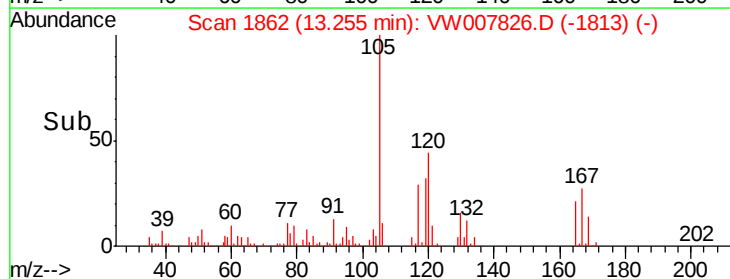
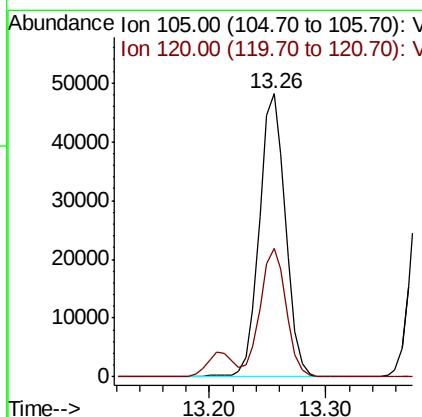
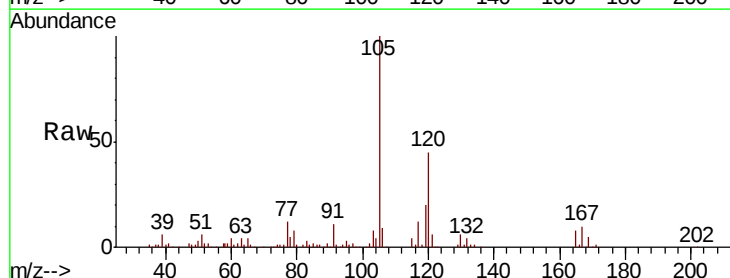
Delta R.T. -0.00 min

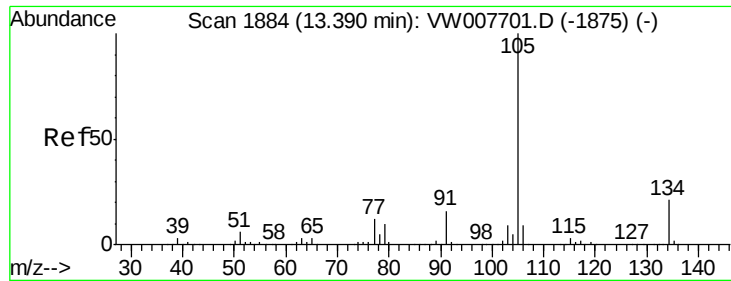
Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Tgt Ion:105 Resp: 75252

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.0	66.0

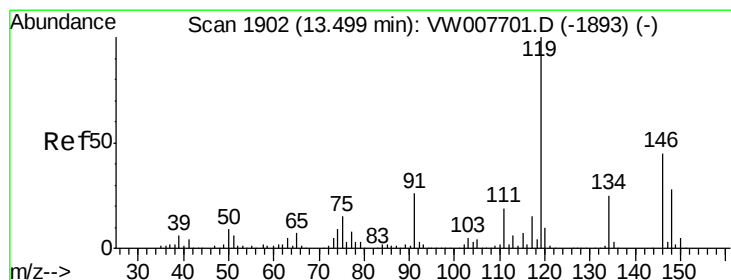
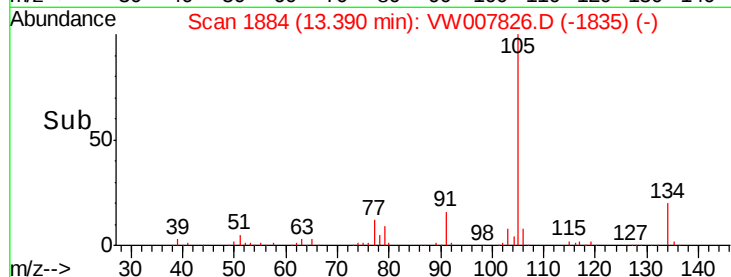
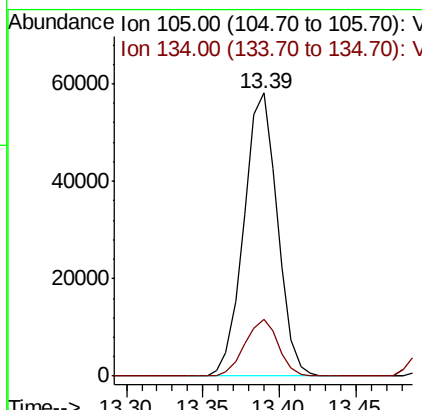
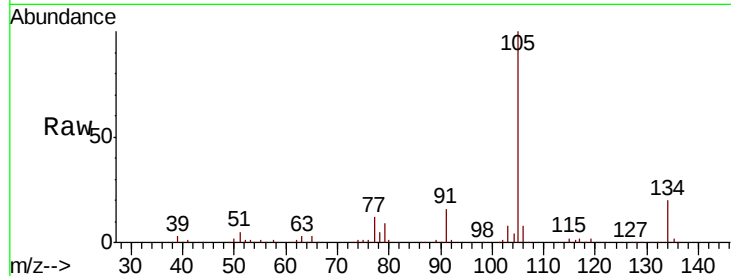




#85
 sec-Butylbenzene
 Concen: 22.284 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

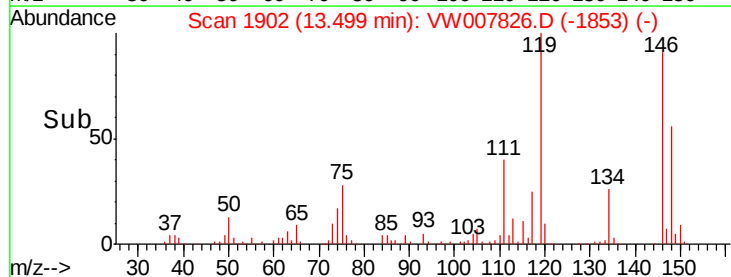
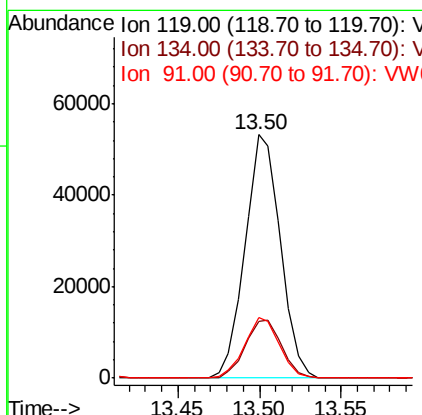
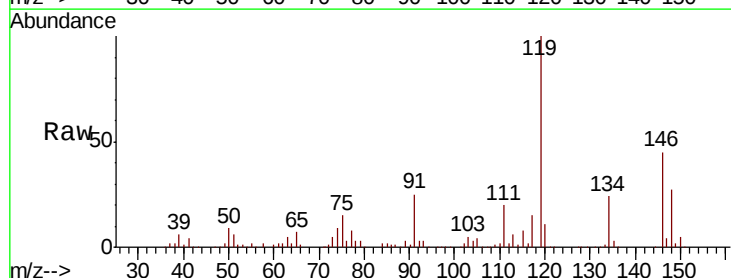
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBSD02

Tgt Ion:105 Resp: 88495
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 22.221 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion:119 Resp: 80243
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.0 39.0
 91 24.6 12.8 38.4

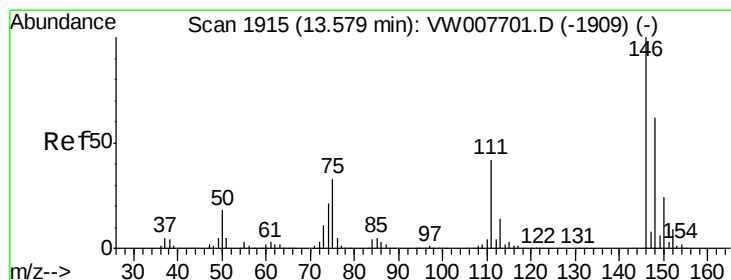
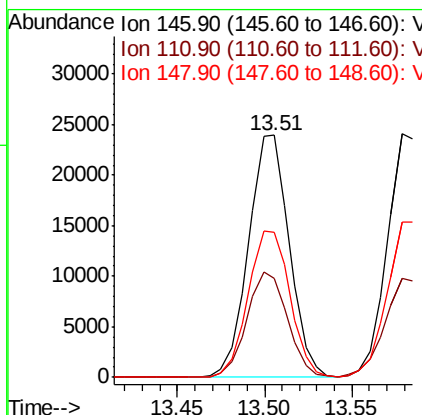
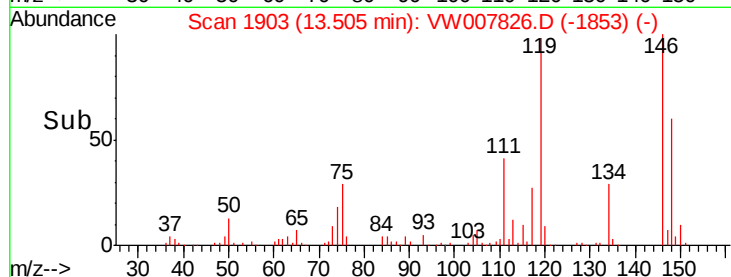
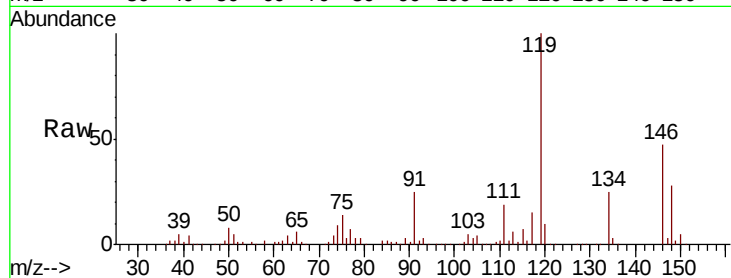




#87
 1,3-Dichlorobenzene
 Concen: 22.575 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

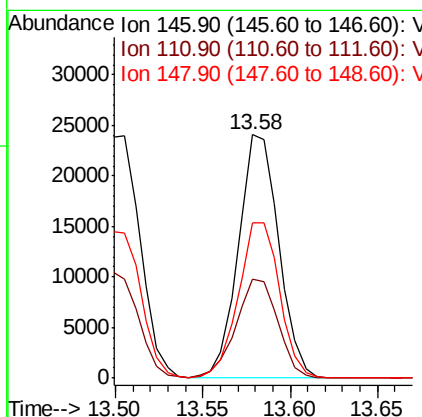
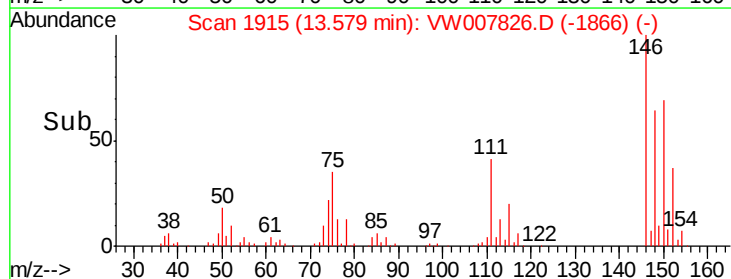
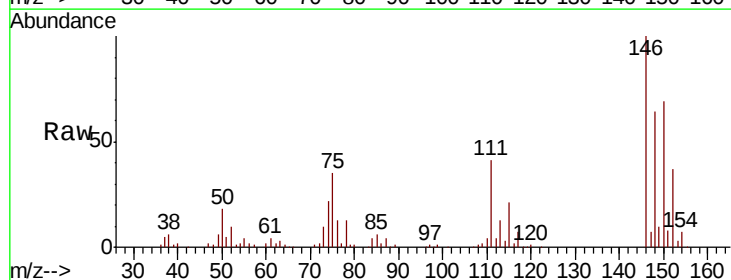
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

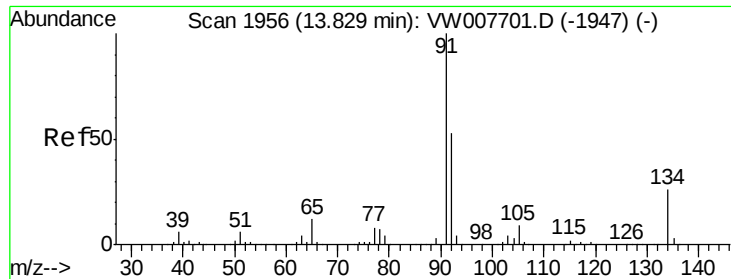
Tgt Ion:146 Resp: 39109
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.4
 148 62.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 22.331 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion:146 Resp: 38698
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.0 63.0
 148 65.5 31.8 95.4





#89

n-Butylbenzene

Concen: 21.505 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007826.D

Acq: 22 Dec 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBS02

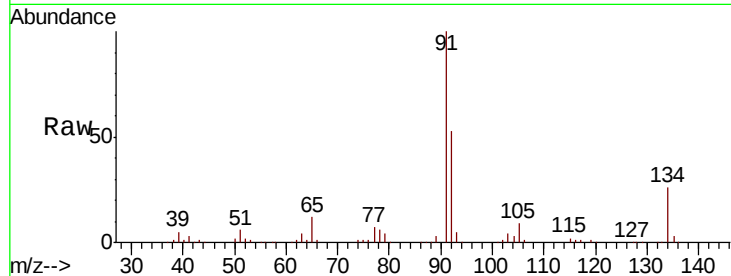
Tgt Ion: 91 Resp: 71203

Ion Ratio Lower Upper

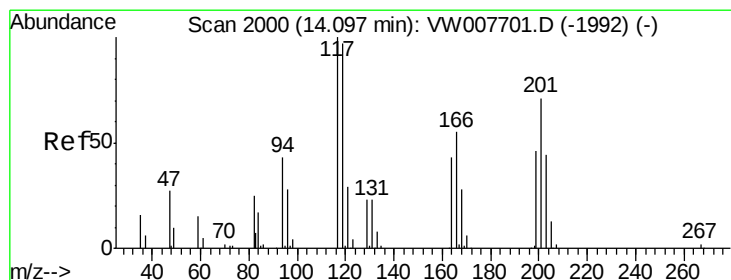
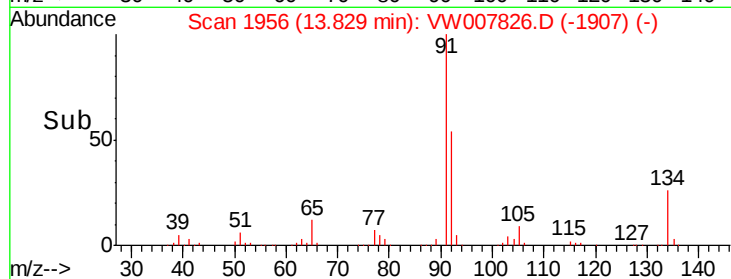
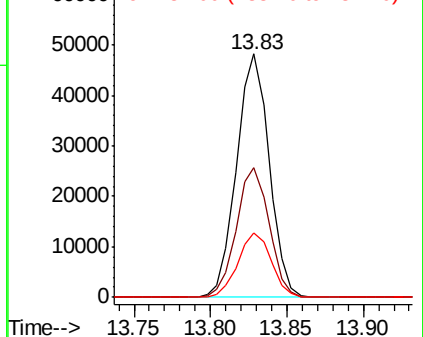
91 100

92 53.6 26.4 79.2

134 27.0 13.7 41.0



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



#90

Hexachloroethane

Concen: 18.433 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007826.D

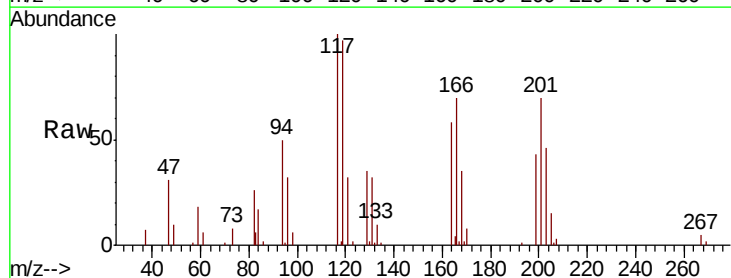
Acq: 22 Dec 2018 07:31

Tgt Ion: 117 Resp: 11686

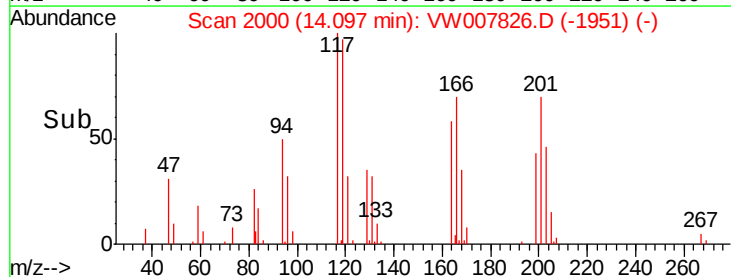
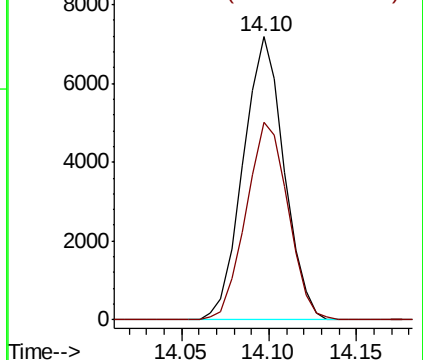
Ion Ratio Lower Upper

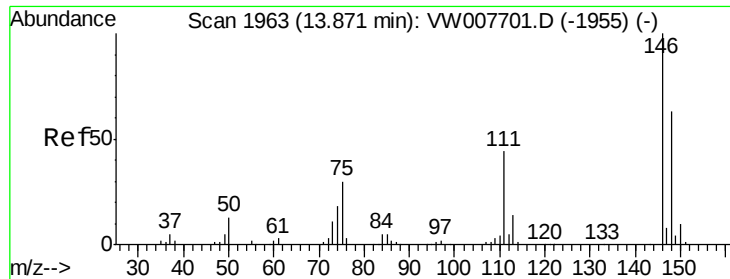
117 100

201 71.8 36.2 108.6



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

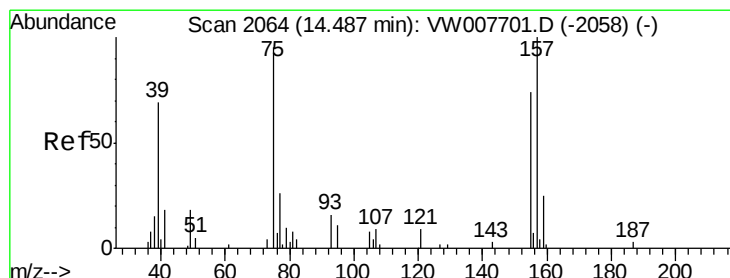
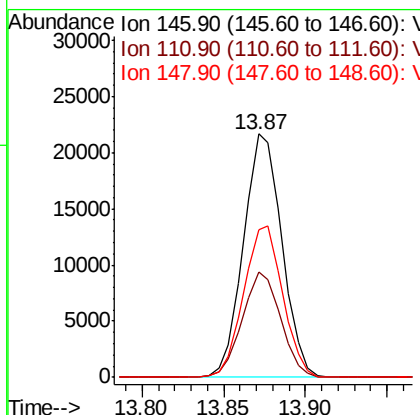
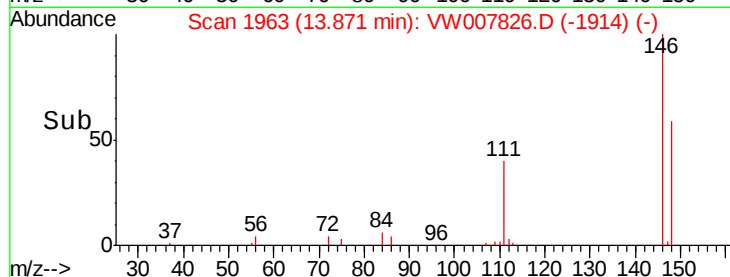
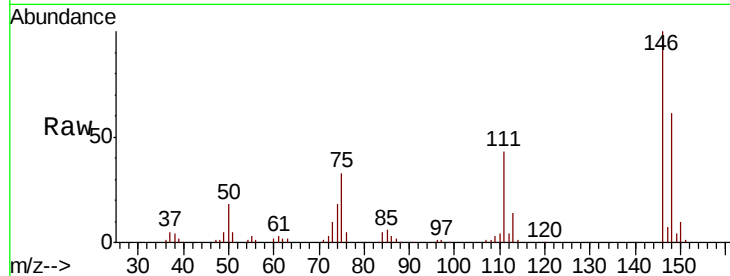




#91
 1,2-Dichlorobenzene
 Concen: 22.950 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

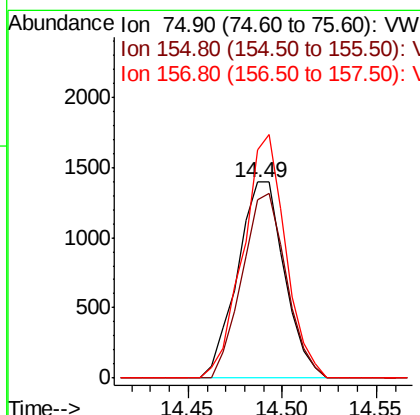
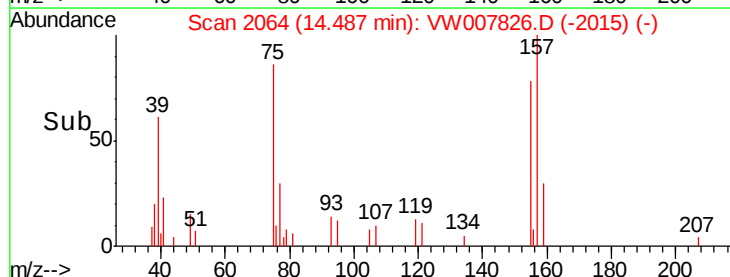
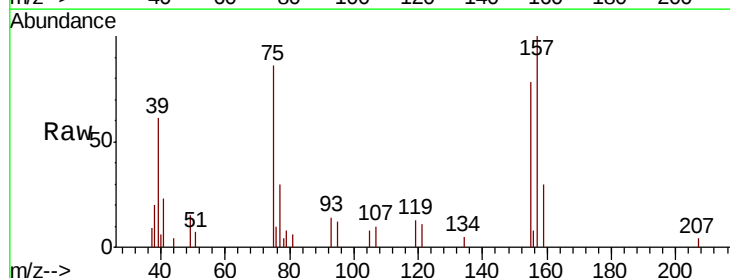
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

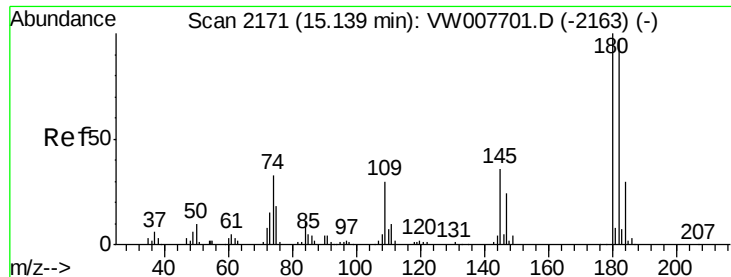
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.7	65.1
148	63.0	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.592 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	39.4	118.1
157	112.1	52.0	156.0

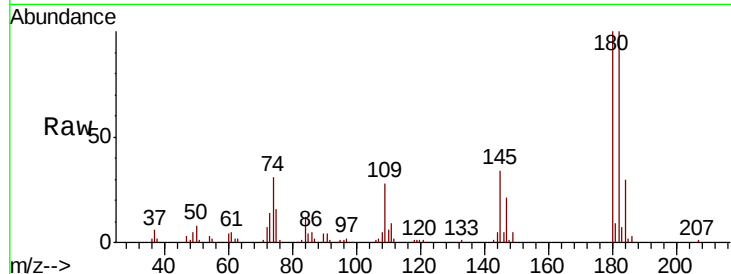




#93
 1,2,4-Trichlorobenzene
 Concen: 22.268 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	34.6	17.5	52.5

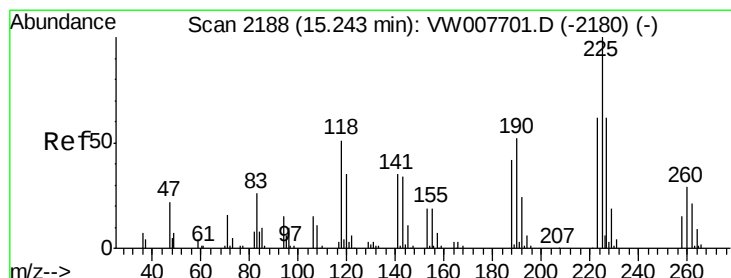
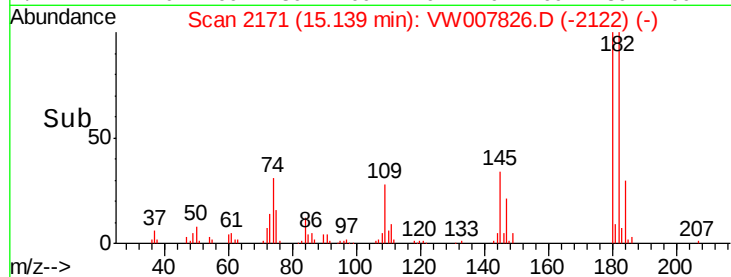
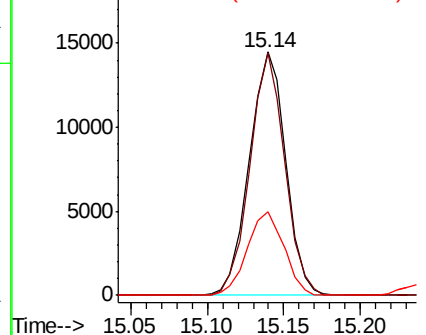


Abundance

Ion 179.80 (179.50 to 180.50): V

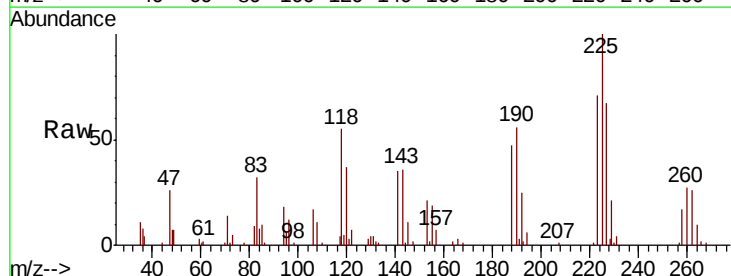
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.860 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007826.D
 Acq: 22 Dec 2018 07:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	31.6	94.8
227	66.0	32.1	96.3

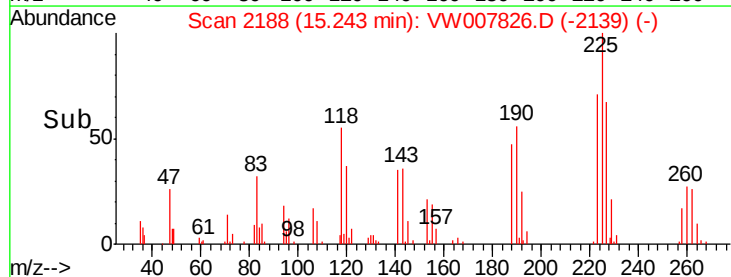
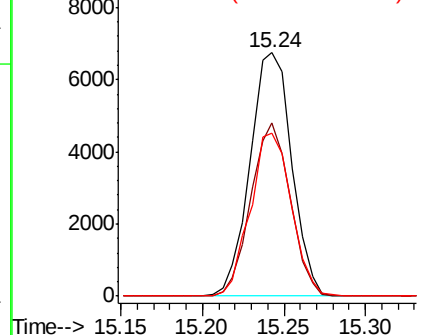


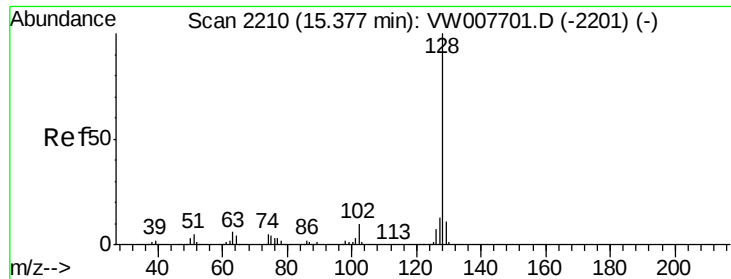
Abundance

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

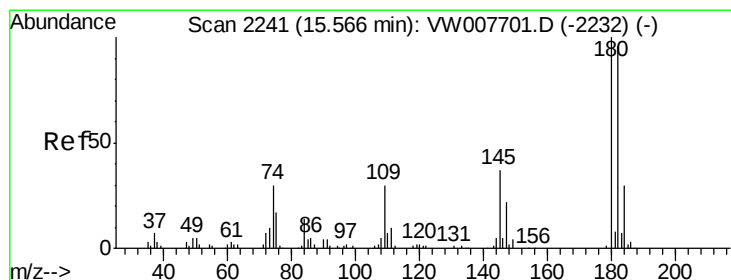
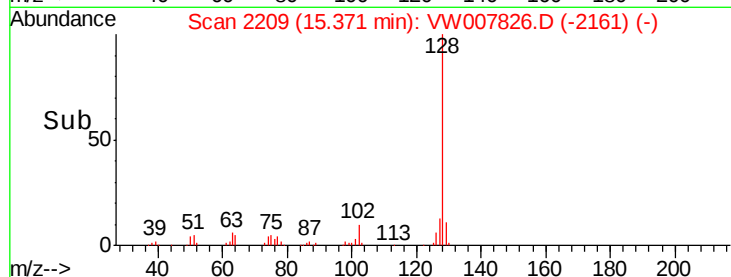
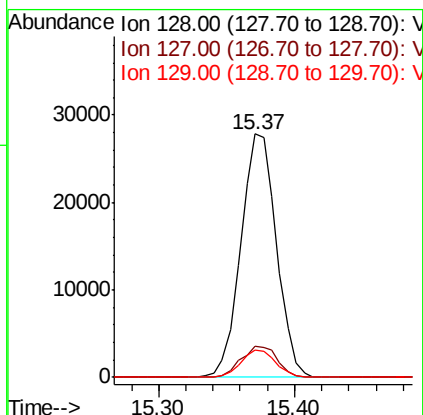
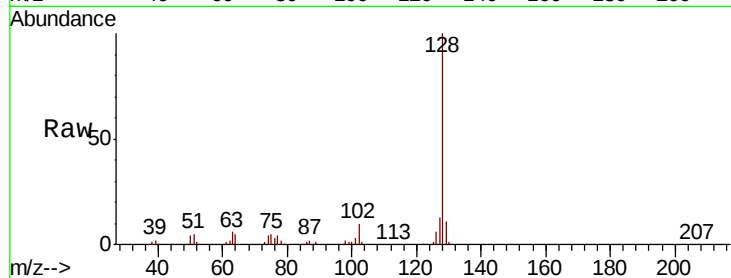




#95
Naphthalene
Concen: 25.496 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Instrument :
MSVOA_W
ClientSampleId :
VW1223SBS02

Tgt Ion:128 Resp: 50753
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 22.954 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007826.D
Acq: 22 Dec 2018 07:31

Tgt Ion:180 Resp: 21156
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 37.0 18.4 55.0

