

Data File : VW007908.D
Acq On : 25 Dec 2018 00:56
Operator : SY/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Quant Time: Dec 25 03:44:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 25 03:37:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	68469	80.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.54%	
35) Dibromofluoromethane	7.88	113	59583	75.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.62%	
50) Toluene-d8	10.32	98	231213	77.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.64%	
62) 4-Bromofluorobenzene	12.62	95	88562	76.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.38%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	38809	58.362	ug/l	97
3) Chloromethane	2.22	50	37736	86.409	ug/l	96
4) Vinyl Chloride	2.37	62	45246	82.020	ug/l	99
5) Bromomethane	2.78	94	29478	77.402	ug/l	99
6) Chloroethane	2.93	64	24946	84.063	ug/l	99
7) Trichlorofluoromethane	3.26	101	35086	64.930	ug/l	98
8) Diethyl Ether	3.68	74	28658	83.423	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55446	68.626	ug/l	99
10) Methyl Iodide	4.27	142	90176	69.927	ug/l	100
11) Tert butyl alcohol	5.17	59	22351	384.595	ug/l	99
12) 1,1-Dichloroethene	4.04	96	52685	70.131	ug/l	99
13) Acrolein	3.89	56	12239	279.136	ug/l	97
14) Allyl chloride	4.67	41	82183	80.885	ug/l	99
15) Acrylonitrile	5.37	53	61044	409.455	ug/l	99
16) Acetone	4.12	43	54043	347.459	ug/l	99
17) Carbon Disulfide	4.38	76	152850	66.514	ug/l	99
18) Methyl Acetate	4.67	43	36493	92.533	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	93722	83.756	ug/l	99
20) Methylene Chloride	4.91	84	58802	60.689	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	58946	71.093	ug/l	95
22) Diisopropyl ether	6.31	45	160665	83.991	ug/l	99
23) Vinyl Acetate	6.26	43	458681	407.822	ug/l	99
24) 1,1-Dichloroethane	6.21	63	104365	75.567	ug/l	99
25) 2-Butanone	7.17	43	74465	394.447	ug/l	99
26) 2,2-Dichloropropane	7.16	77	66674	67.224	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	65510	73.591	ug/l	99
28) Bromochloromethane	7.51	49	37494	79.074	ug/l #	95
29) Tetrahydrofuran	7.52	42	48926	428.946	ug/l	100
30) Chloroform	7.68	83	113375	73.349	ug/l	99
31) Cyclohexane	7.95	56	87752	69.804	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	97899	70.132	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84559	68.334	ug/l	99
37) Ethyl Acetate	7.26	43	34357	78.239	ug/l	98
38) Carbon Tetrachloride	8.07	117	90515	63.178	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103269	67.072	ug/l	99
40) Benzene	8.32	78	236948	71.104	ug/l	99
41) Methacrylonitrile	7.48	41	22551	87.684	ug/l	97
42) 1,2-Dichloroethane	8.40	62	78387	70.438	ug/l	99
43) Isopropyl Acetate	8.43	43	70788	80.331	ug/l	99
44) Trichloroethene	9.09	130	66523	66.754	ug/l	98
45) 1,2-Dichloropropane	9.37	63	56764	76.041	ug/l	96
46) Dibromomethane	9.46	93	32718	72.268	ug/l	98
47) Bromodichloromethane	9.65	83	83542	70.269	ug/l	97
48) Methyl methacrylate	9.44	41	36129	81.877	ug/l	97
49) 1,4-Dioxane	9.44	88	11204	1545.991	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	171024	408.125	ug/l	99
52) Toluene	10.39	92	155889	69.939	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	86013	72.261	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	95652	72.751	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46481	73.708	ug/l	97
56) Ethyl methacrylate	10.65	69	59237	79.261	ug/l	99
57) 1,3-Dichloropropane	10.93	76	79600	75.689	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	134194	390.178	ug/l	99
59) 2-Hexanone	10.97	43	117985	401.973	ug/l	99
60) Dibromochloromethane	11.13	129	56380	68.668	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45972	72.136	ug/l	99
64) Tetrachloroethene	10.87	164	57789	68.856	ug/l	98
65) Chlorobenzene	11.66	112	176547	68.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	62719	68.732	ug/l	99
67) Ethyl Benzene	11.73	91	309772	70.054	ug/l	99
68) m/p-Xylenes	11.84	106	236752	138.590	ug/l	99
69) o-Xylene	12.17	106	112198	69.914	ug/l	100
70) Styrene	12.18	104	189960	71.951	ug/l	99
71) Bromoform	12.35	173	30847	66.289	ug/l #	97
73) Isopropylbenzene	12.47	105	313456	71.684	ug/l	99
74) N-amyl acetate	12.27	43	65591	83.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	50731	76.353	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	70837	155.210	ug/l	31
77) Bromobenzene	12.75	156	70287	70.284	ug/l	100
78) n-propylbenzene	12.81	91	366158	71.891	ug/l	100
79) 2-Chlorotoluene	12.90	91	216540	72.613	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	270793	71.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15904	74.910	ug/l	98
82) 4-Chlorotoluene	12.99	91	228916	72.429	ug/l	99
83) tert-Butylbenzene	13.21	119	237682	71.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	276921	72.712	ug/l	98
85) sec-Butylbenzene	13.39	105	324308	71.192	ug/l	100
86) p-Isopropyltoluene	13.51	119	292714	70.802	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	139097	69.941	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	138887	70.051	ug/l	99
89) n-Butylbenzene	13.83	91	266498	70.257	ug/l	99
90) Hexachloroethane	14.10	117	47610	66.475	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	126474	71.080	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9922	73.407	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122618\
Quantitation Report (Not Reviewed)

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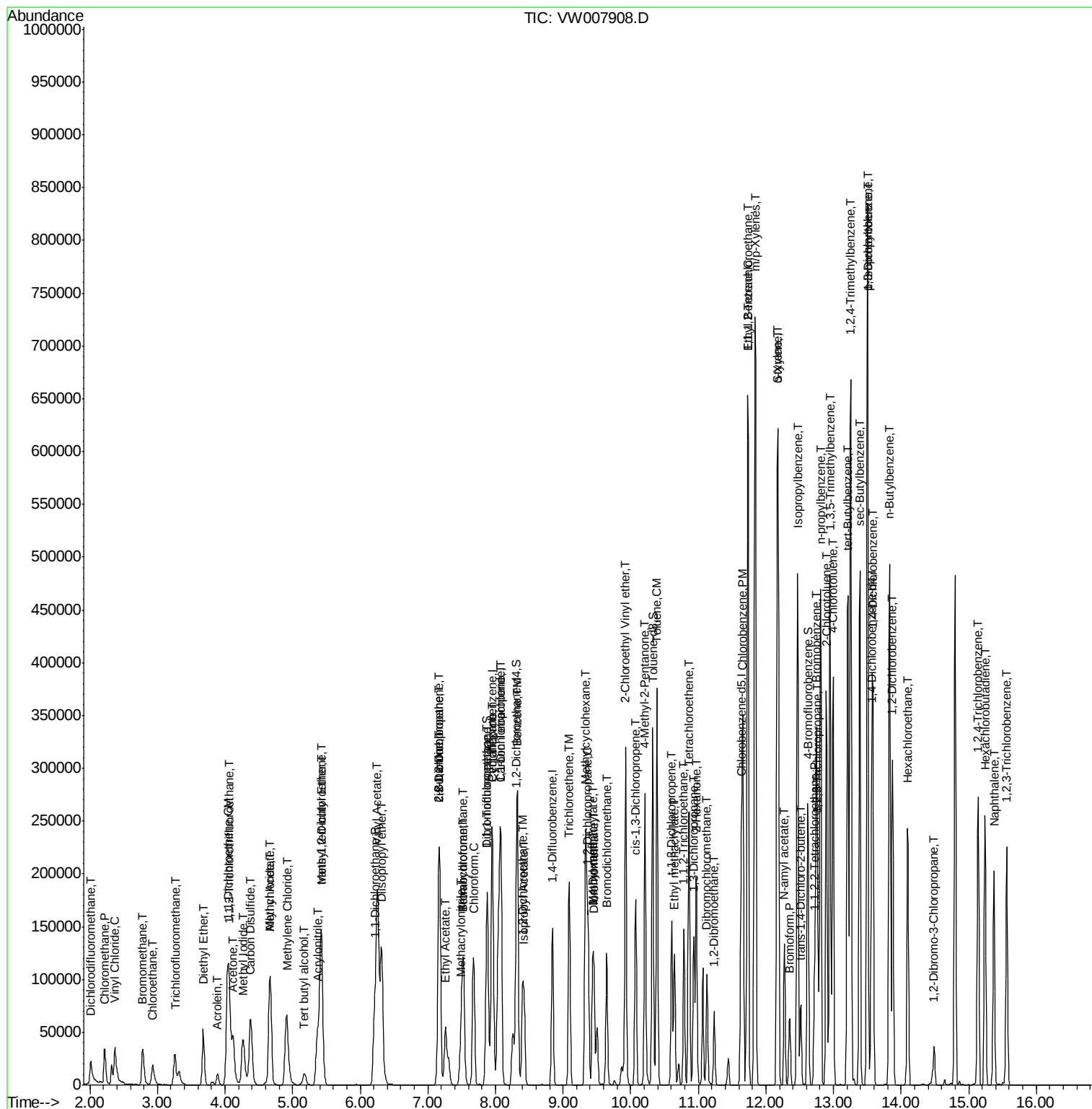
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	84866	69.049	ug/l	99
94) Hexachlorobutadiene	15.24	225	44087	67.252	ug/l	98
95) Naphthalene	15.38	128	180557	78.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75864	71.766	ug/l	99

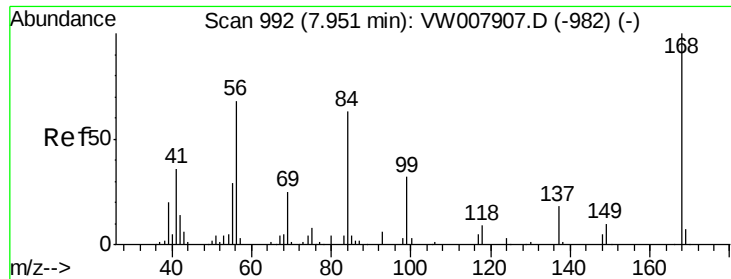
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

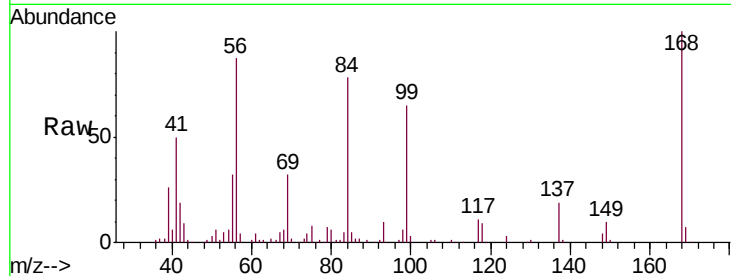
VSTDIC075

Tgt Ion:168 Resp: 75639

Ion Ratio Lower Upper

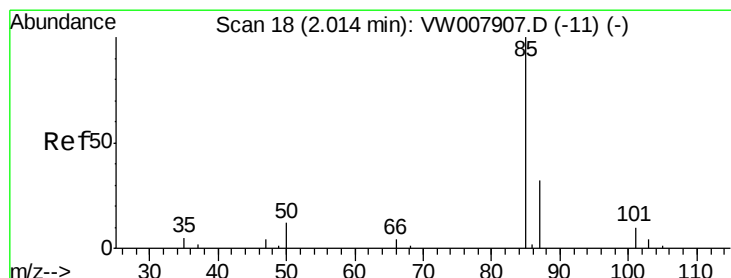
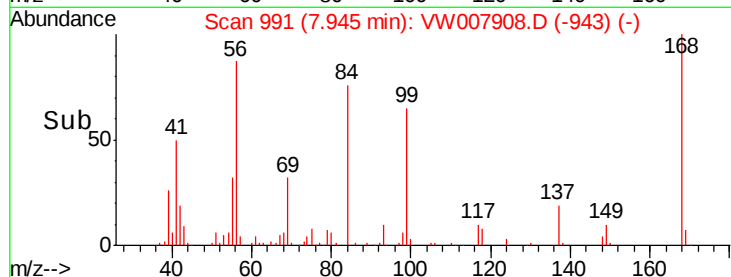
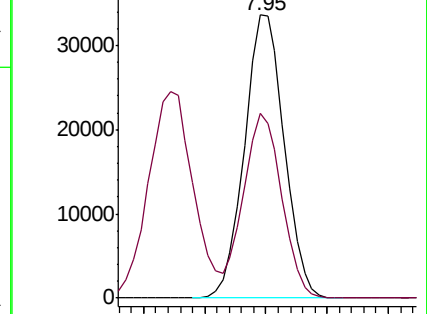
168 100

99 65.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 58.362 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007908.D

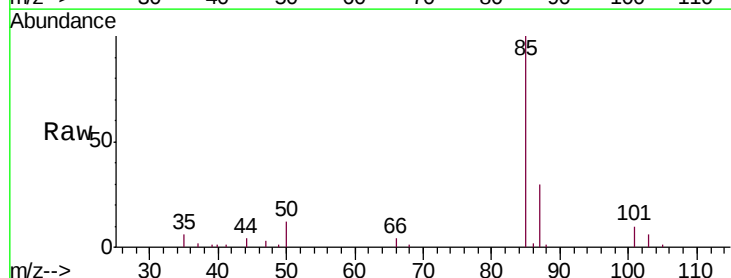
Acq: 25 Dec 2018 00:56

Tgt Ion: 85 Resp: 38809

Ion Ratio Lower Upper

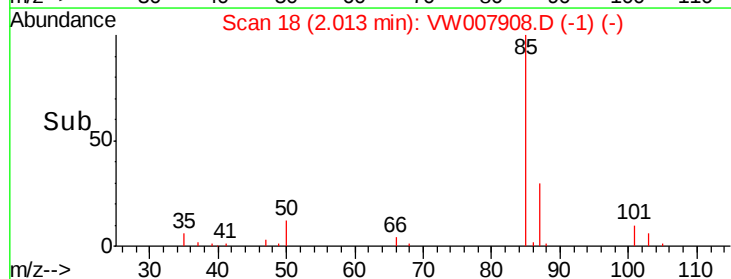
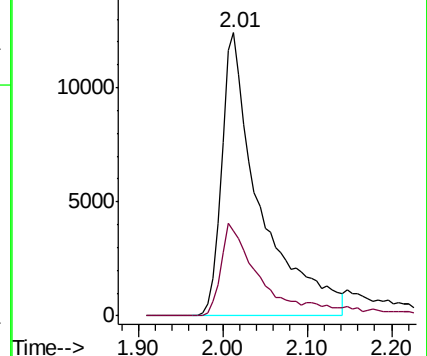
85 100

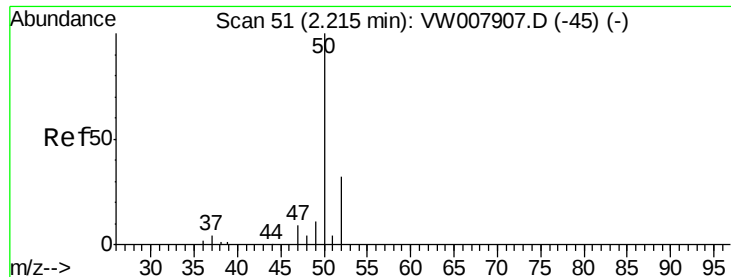
87 30.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 86.409 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

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MSVOA_W

ClientSampleId :

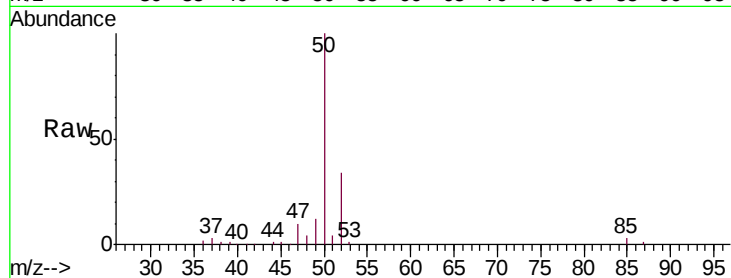
VSTDIC075

Tgt Ion: 50 Resp: 37736

Ion Ratio Lower Upper

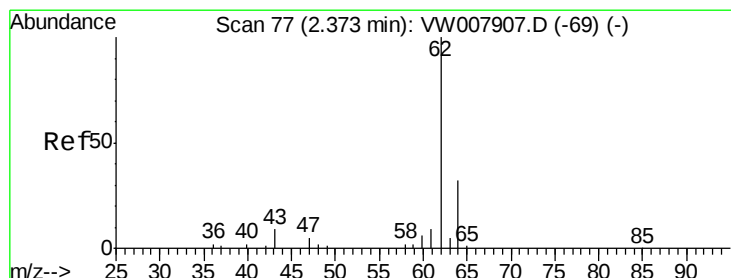
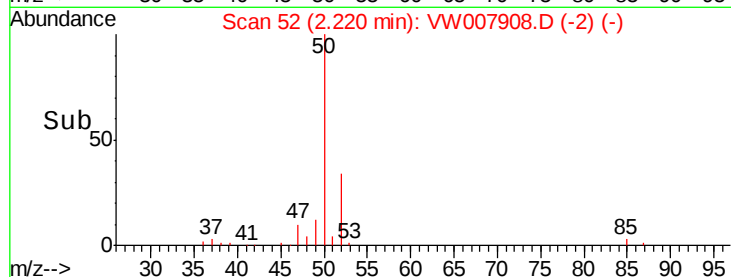
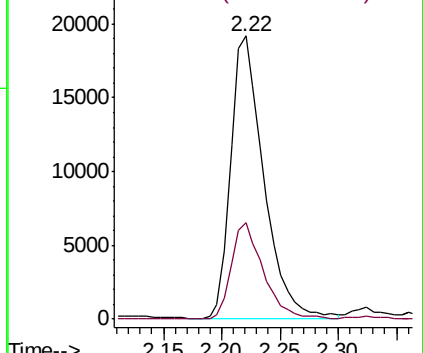
50 100

52 34.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 82.020 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW007908.D

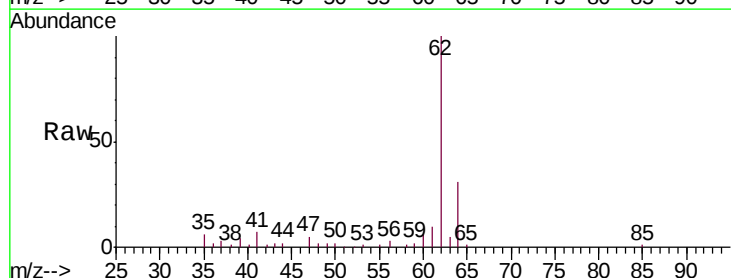
Acq: 25 Dec 2018 00:56

Tgt Ion: 62 Resp: 45246

Ion Ratio Lower Upper

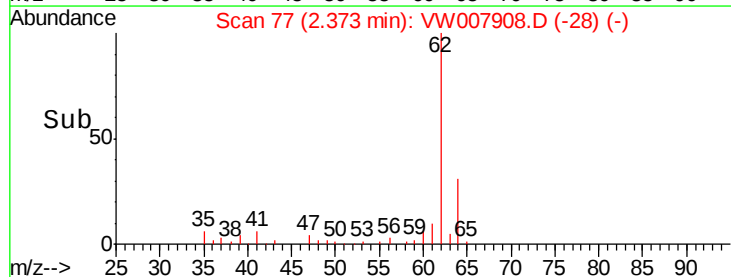
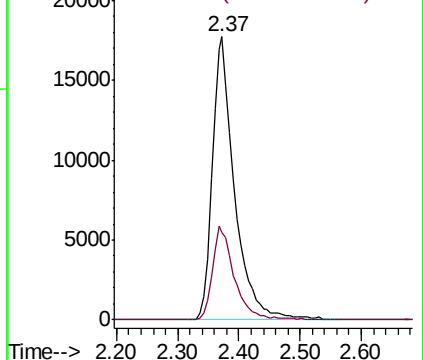
62 100

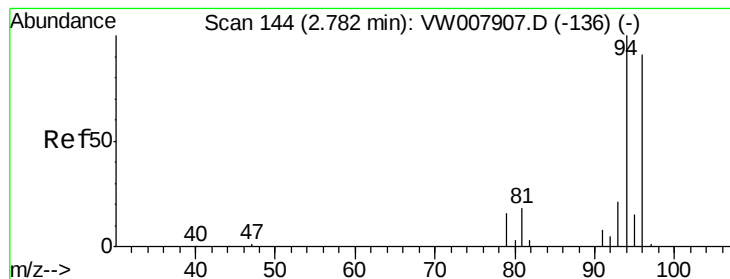
64 31.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 77.402 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

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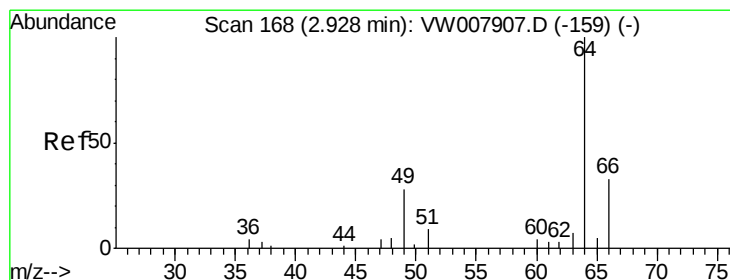
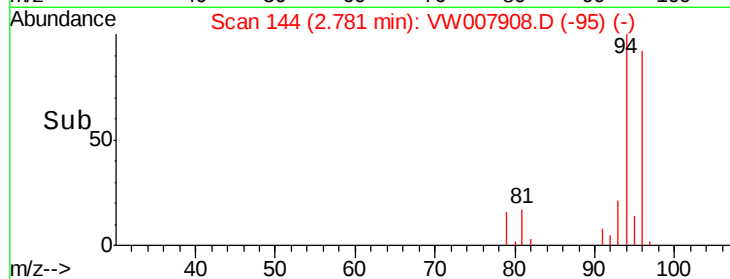
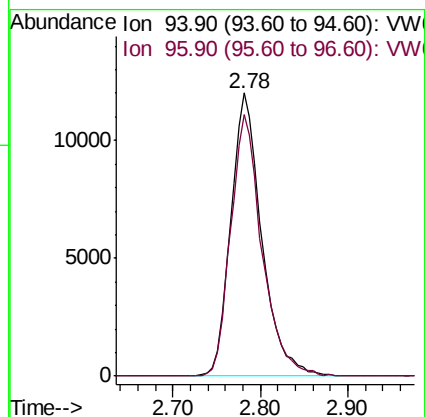
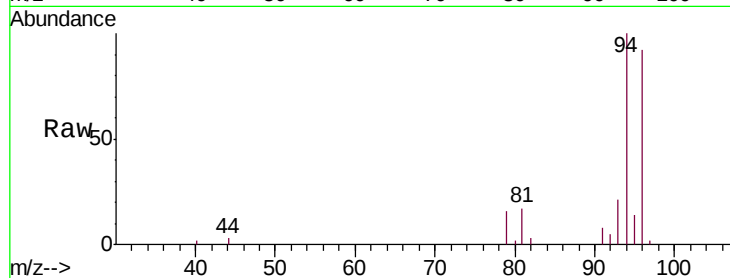
VSTDIC075

Tgt Ion: 94 Resp: 29478

Ion Ratio Lower Upper

94 100

96 92.2 72.7 109.1



#6

Chloroethane

Concen: 84.063 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007908.D

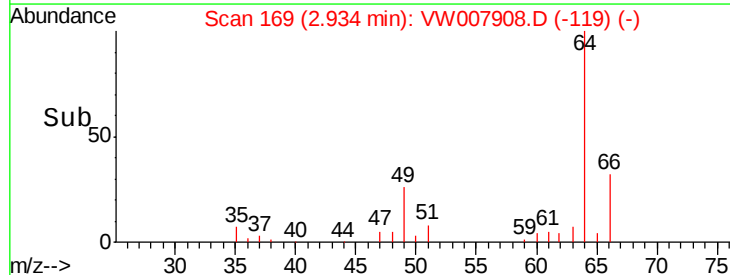
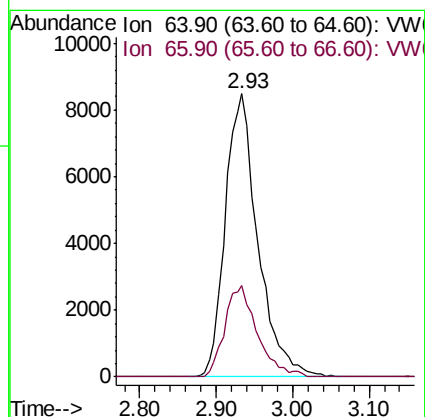
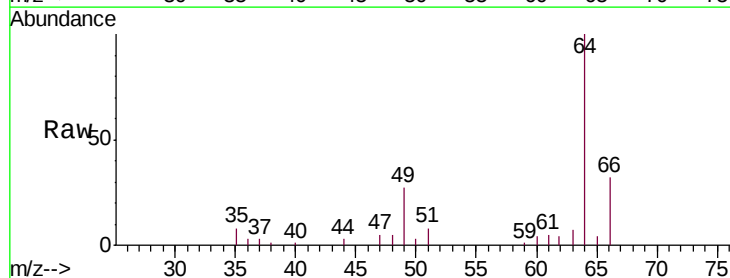
Acq: 25 Dec 2018 00:56

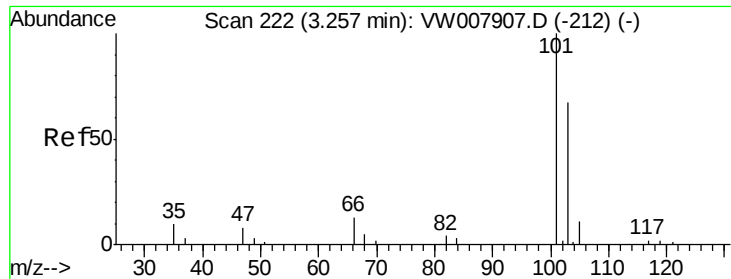
Tgt Ion: 64 Resp: 24946

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.2



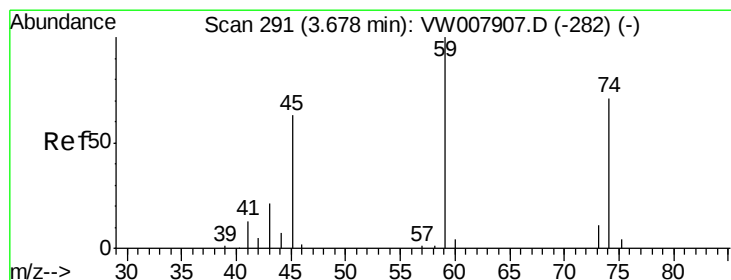
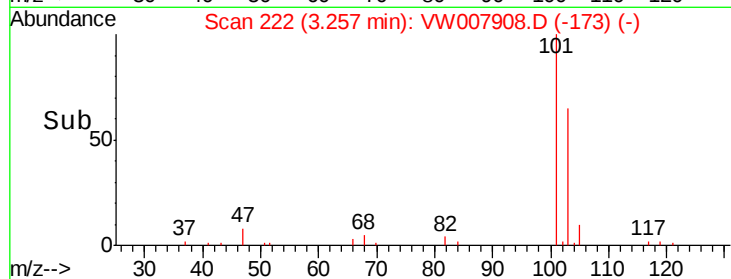
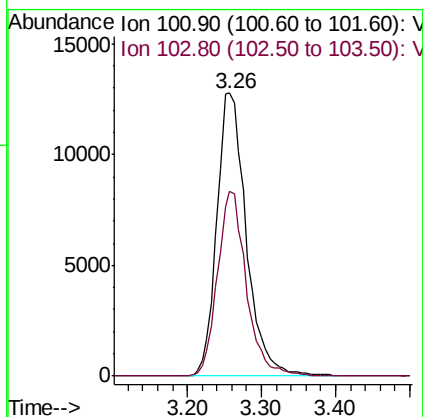
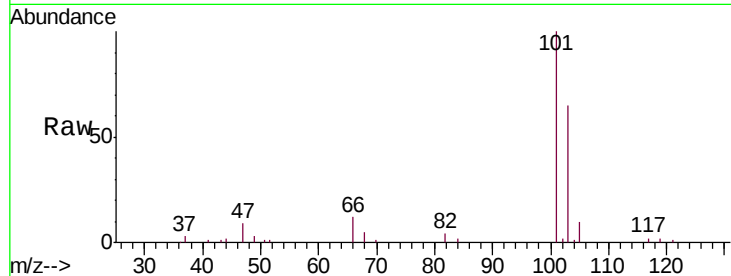


#7

Trichlorofluoromethane
 Concen: 64.930 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
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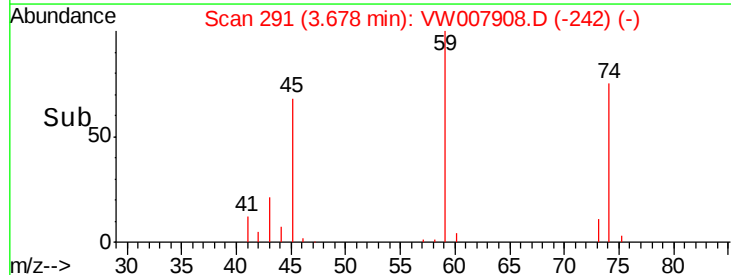
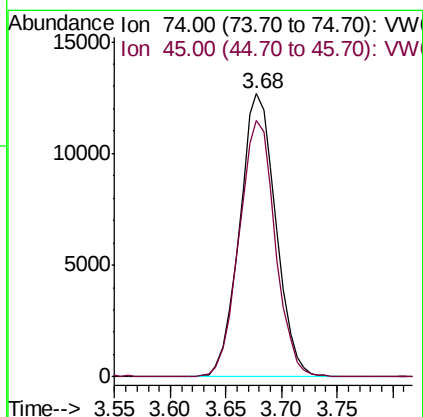
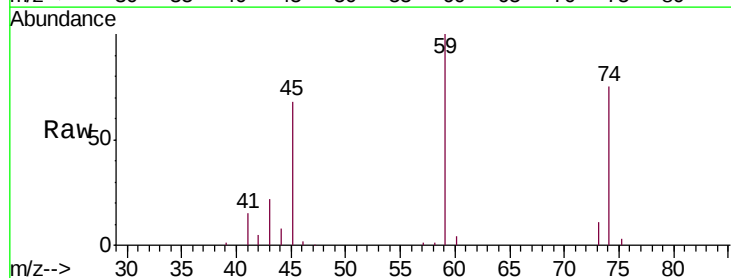
Tgt Ion: 101 Resp: 35086
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.8 80.8

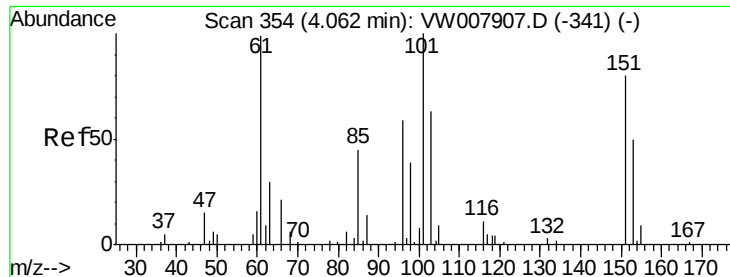


#8

Diethyl Ether
 Concen: 83.423 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 74 Resp: 28658
 Ion Ratio Lower Upper
 74 100
 45 90.0 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.626 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

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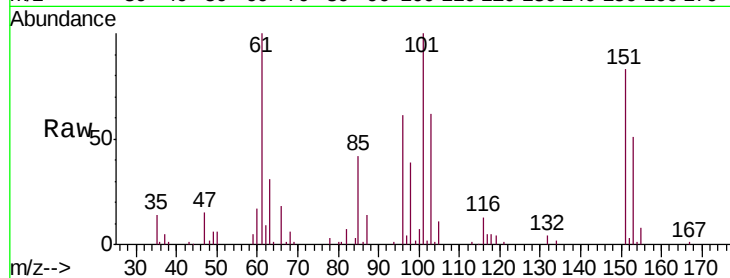
Tgt Ion:101 Resp: 55446

Ion Ratio Lower Upper

101 100

85 42.5 35.8 53.6

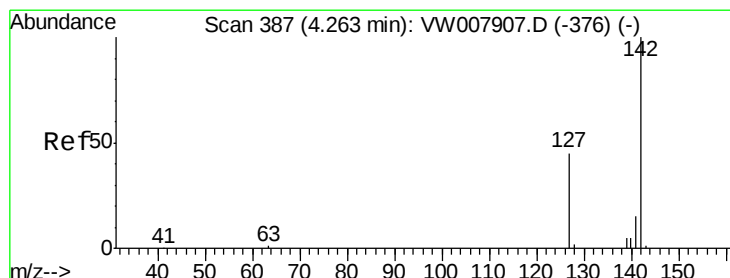
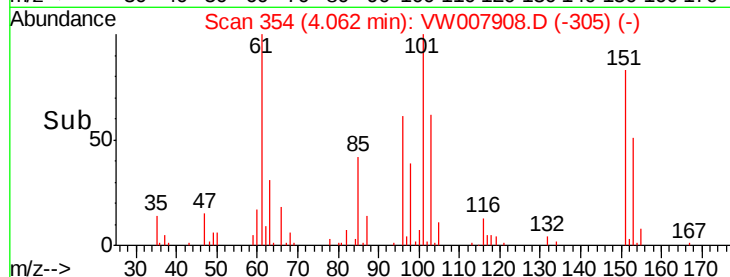
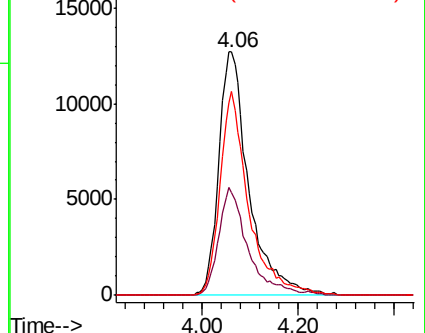
151 79.4 63.2 94.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 69.927 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

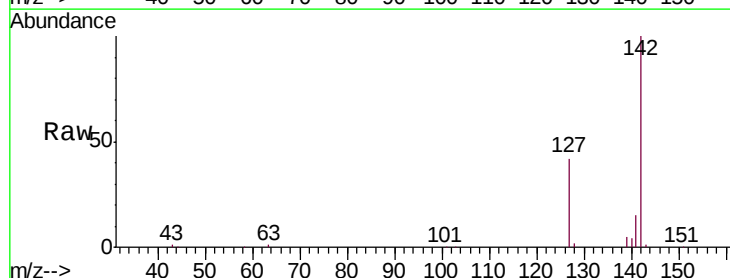
Tgt Ion:142 Resp: 90176

Ion Ratio Lower Upper

142 100

127 45.0 36.2 54.4

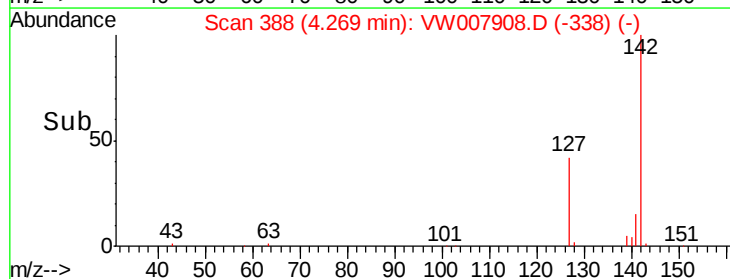
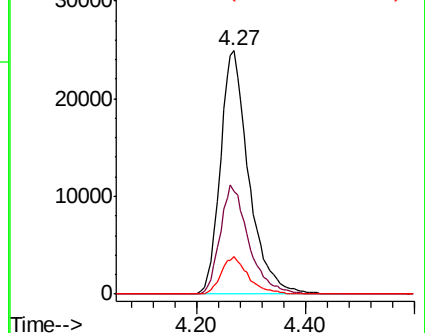
141 14.7 11.6 17.4

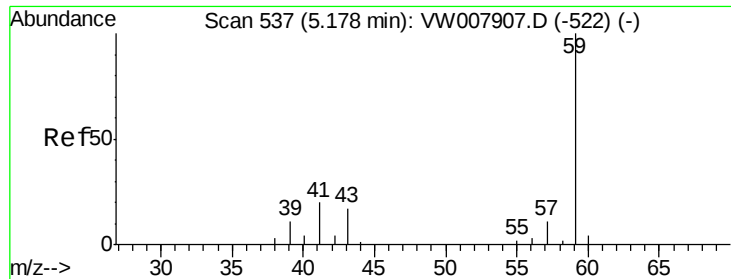


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

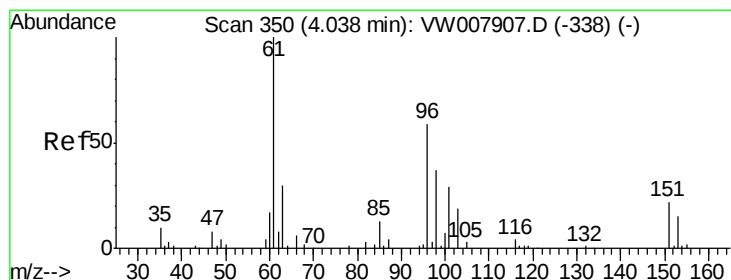
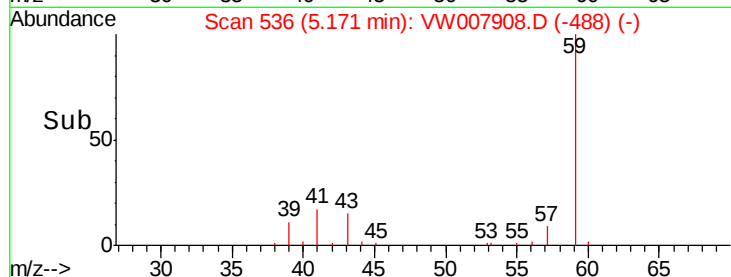
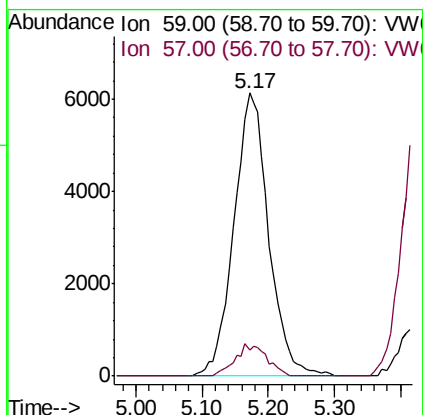
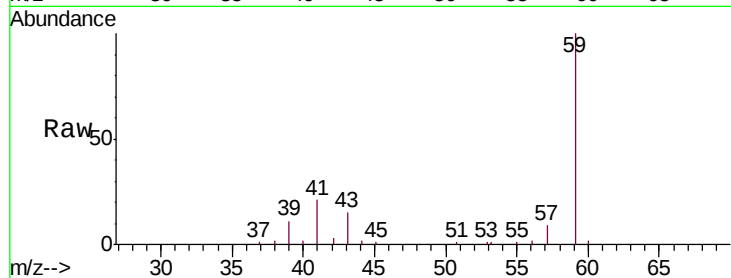




#11
Tert butyl alcohol
Concen: 384.595 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

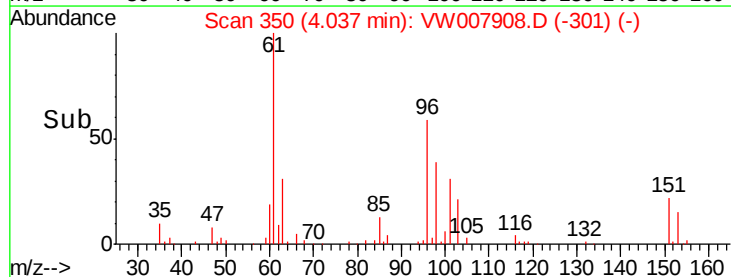
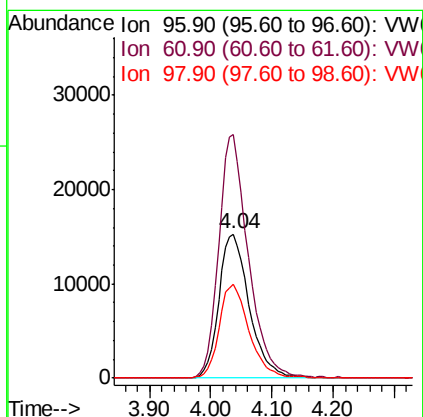
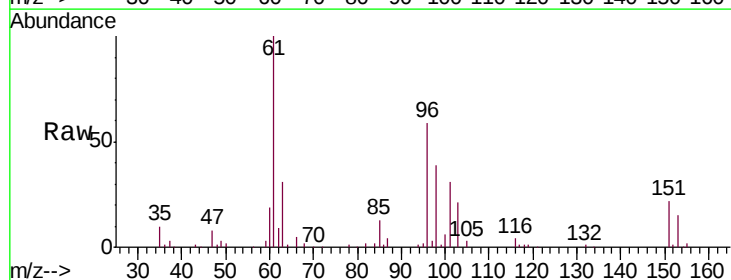
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

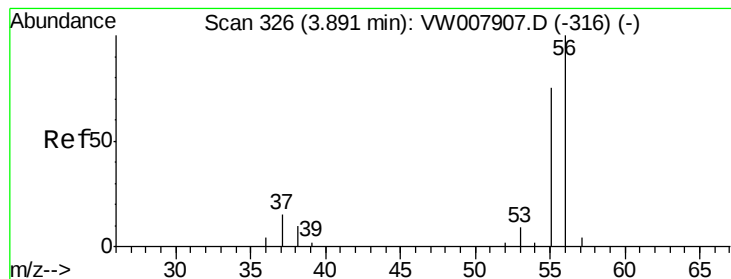
Tgt Ion: 59 Resp: 22351
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6



#12
1,1-Dichloroethene
Concen: 70.131 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 96 Resp: 52685
Ion Ratio Lower Upper
96 100
61 168.7 134.5 201.7
98 65.0 50.2 75.2





#13

Acrolein

Concen: 279.136 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

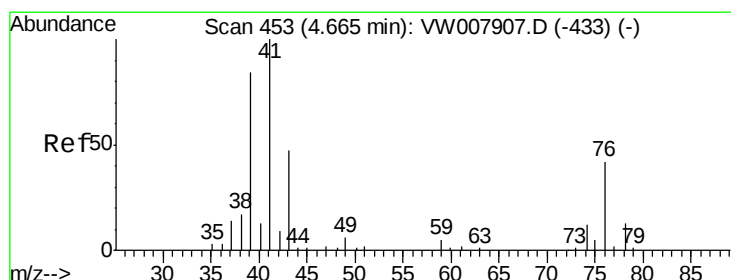
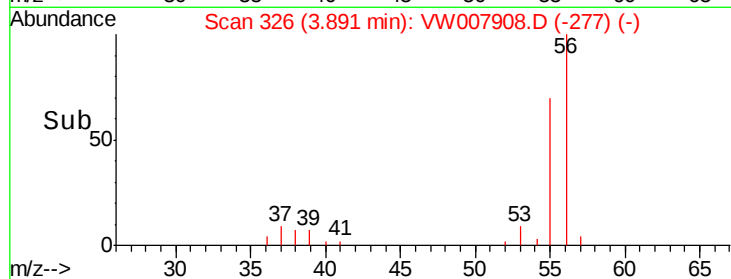
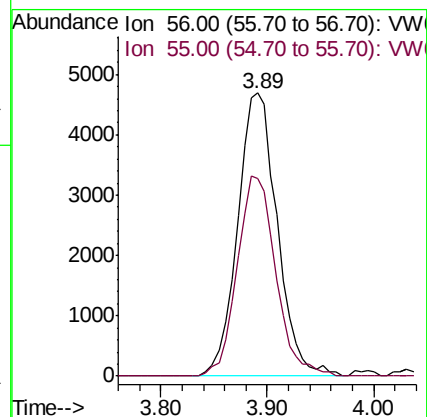
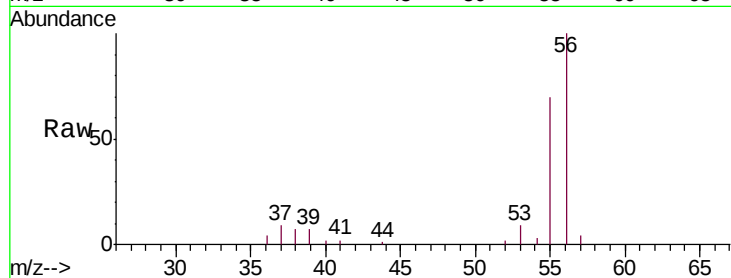
VSTDIC075

Tgt Ion: 56 Resp: 12239

Ion Ratio Lower Upper

56 100

55 68.8 57.0 85.6



#14

Allyl chloride

Concen: 80.885 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

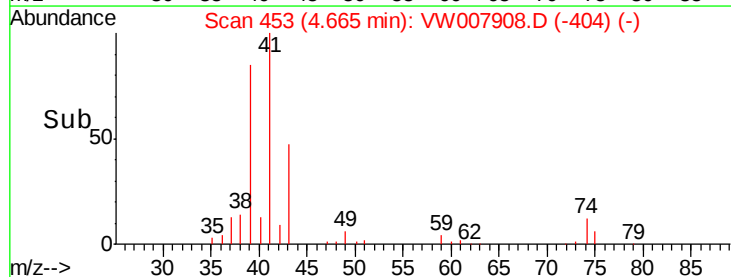
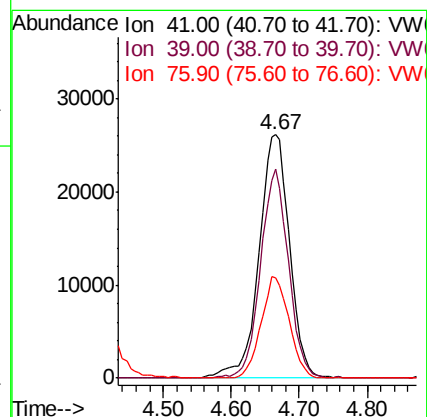
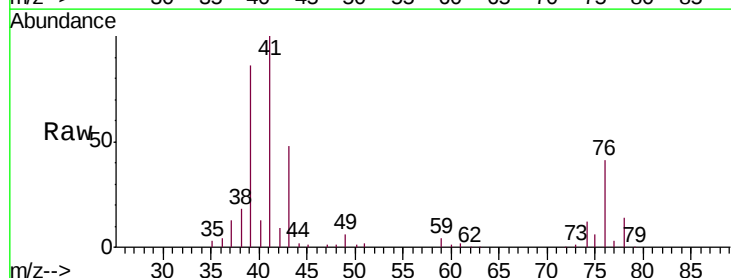
Tgt Ion: 41 Resp: 82183

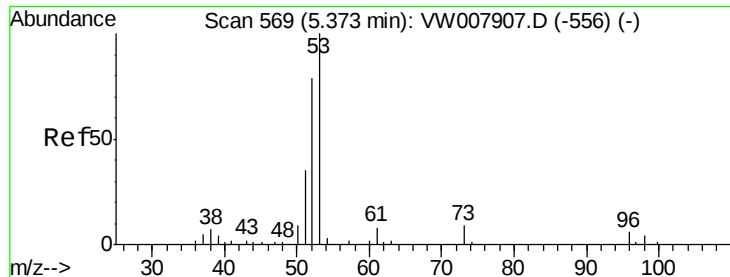
Ion Ratio Lower Upper

41 100

39 78.7 62.6 93.8

76 38.3 31.1 46.7





#15

Acrylonitrile

Concen: 409.455 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

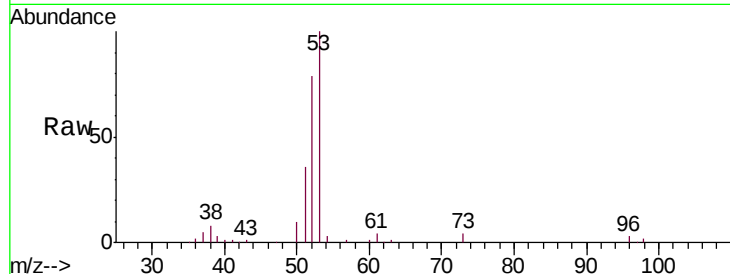
Tgt Ion: 53 Resp: 61044

Ion Ratio Lower Upper

53 100

52 82.9 65.2 97.8

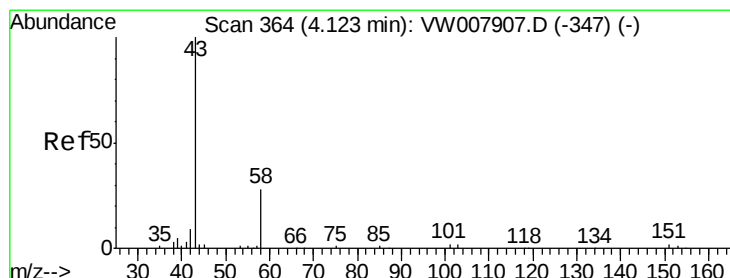
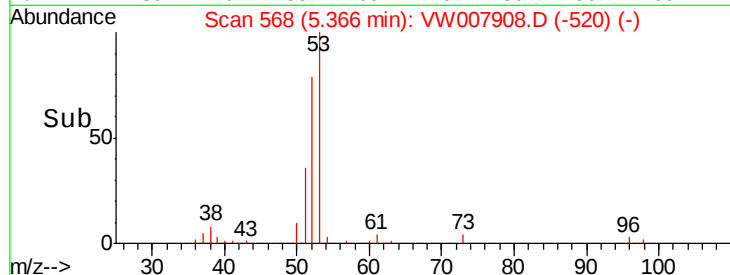
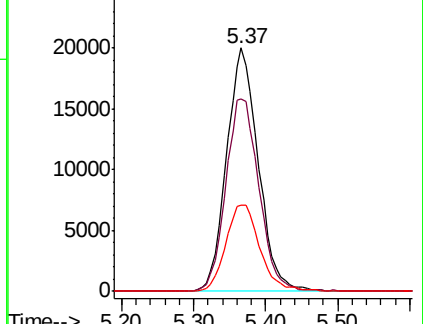
51 38.3 30.6 45.8



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: 347.459 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007908.D

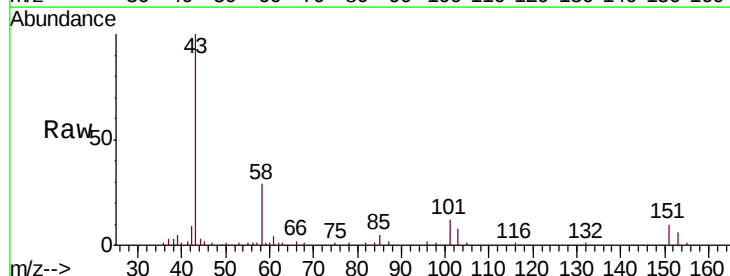
Acq: 25 Dec 2018 00:56

Tgt Ion: 43 Resp: 54043

Ion Ratio Lower Upper

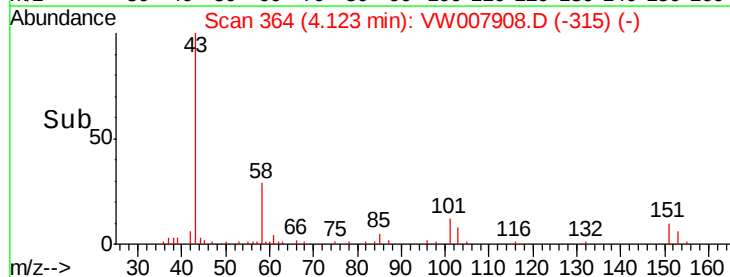
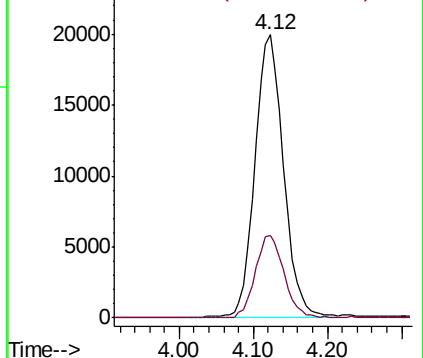
43 100

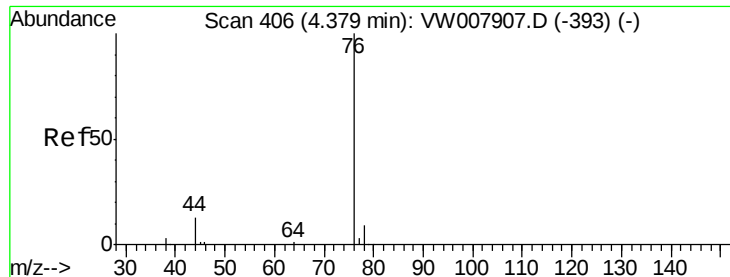
58 29.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

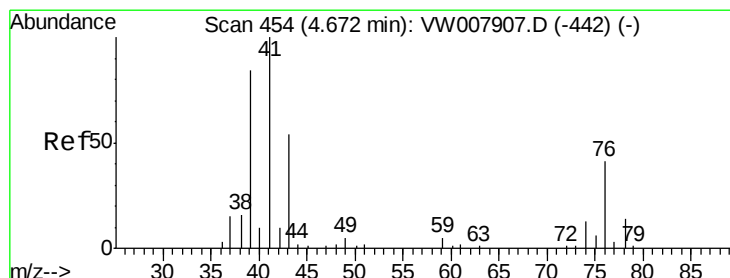
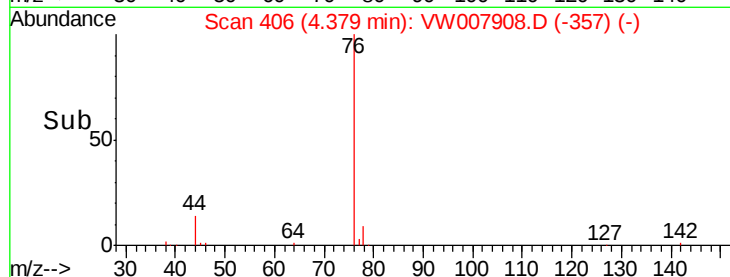
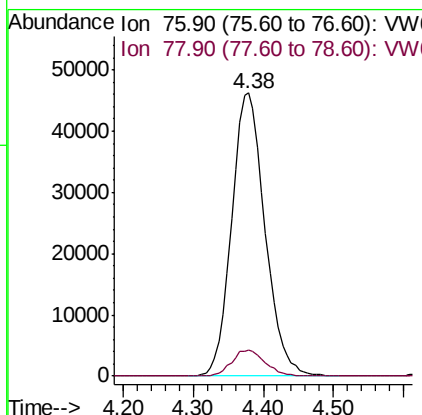
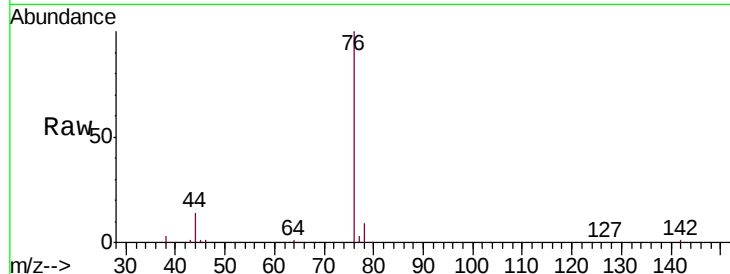




#17
Carbon Disulfide
Concen: 66.514 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

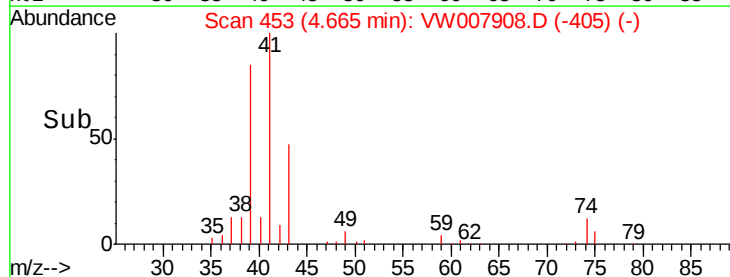
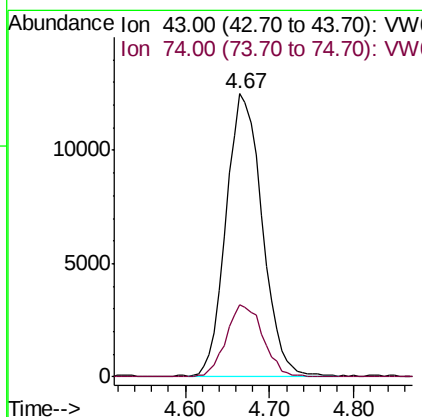
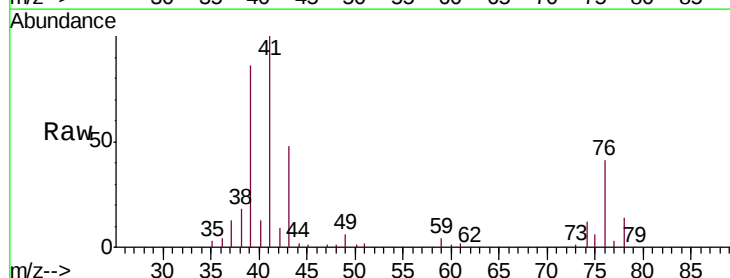
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

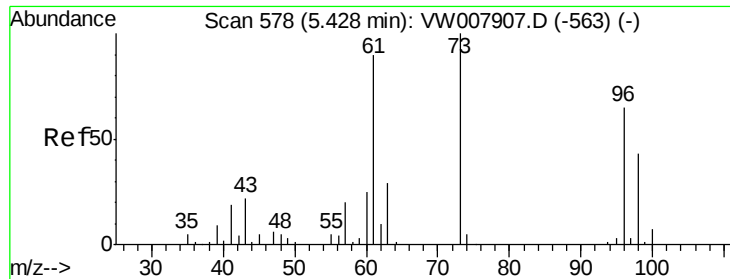
Tgt Ion: 76 Resp: 152850
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 92.533 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 43 Resp: 36493
Ion Ratio Lower Upper
43 100
74 25.7 20.4 30.6

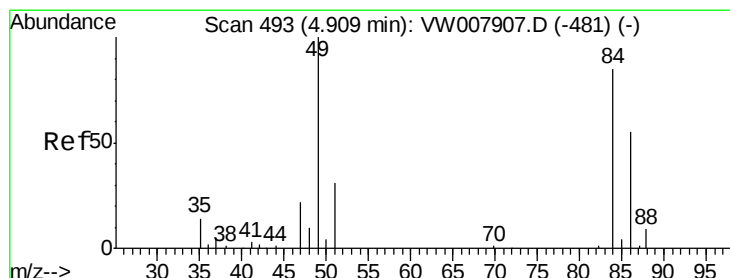
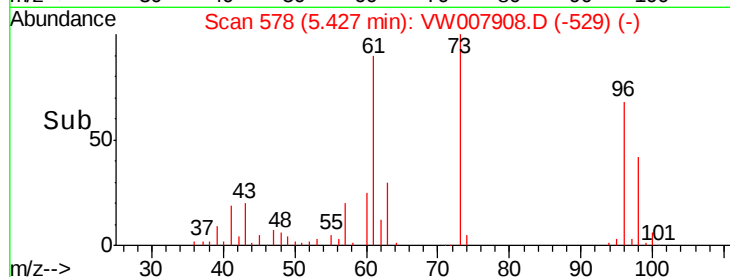
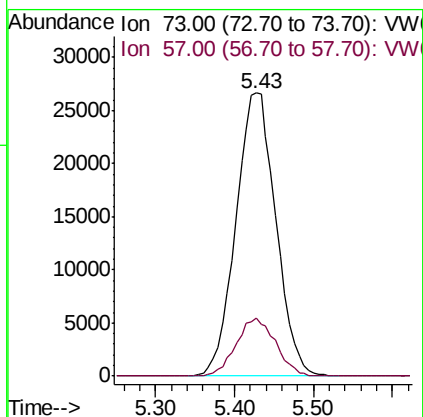
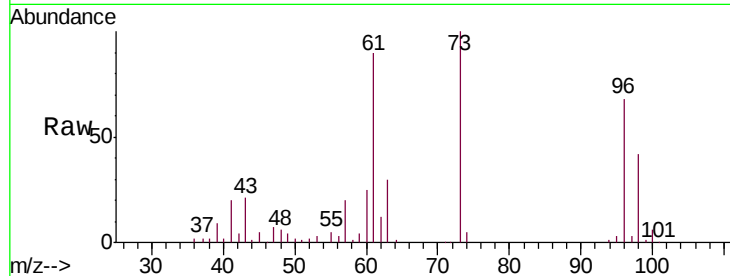




#19
Methyl tert-butyl Ether
Concen: 83.756 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

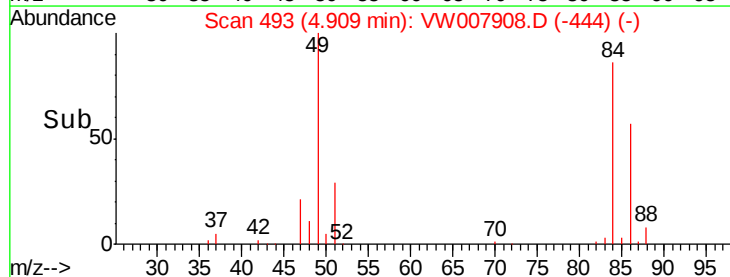
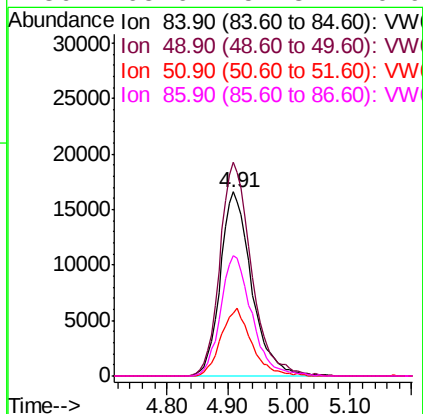
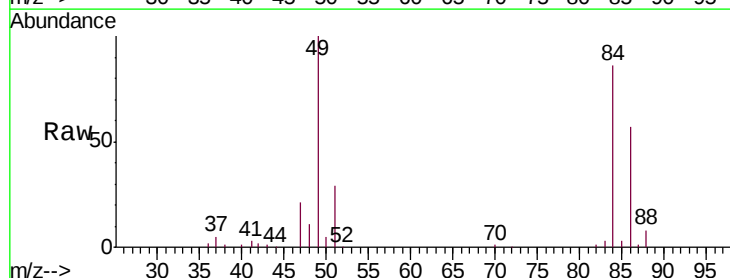
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

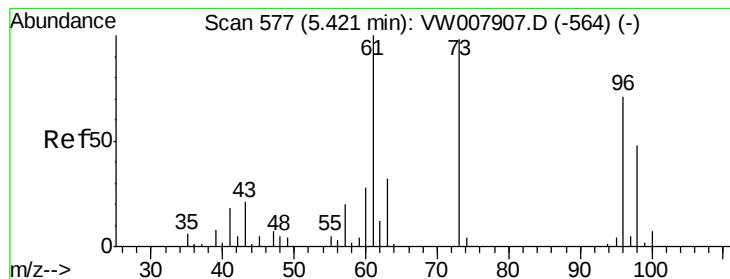
Tgt Ion: 73 Resp: 93722
Ion Ratio Lower Upper
73 100
57 20.5 15.8 23.8



#20
Methylene Chloride
Concen: 60.689 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 84 Resp: 58802
Ion Ratio Lower Upper
84 100
49 116.1 94.0 141.0
51 34.1 28.7 43.1
86 65.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 71.093 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

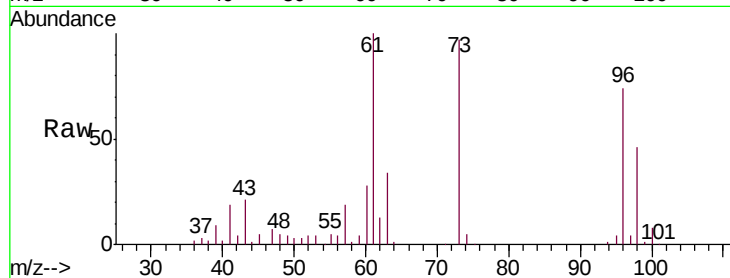
Tgt Ion: 96 Resp: 58946

Ion Ratio Lower Upper

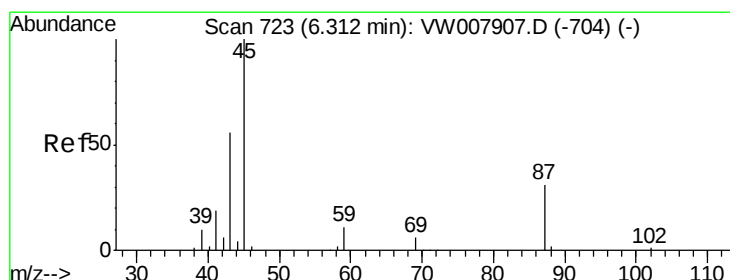
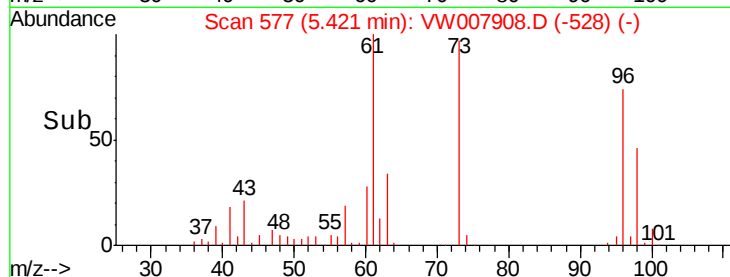
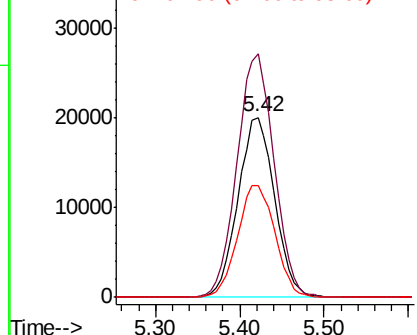
96 100

61 135.1 112.0 168.0

98 61.9 53.2 79.8



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



#22

Diisopropyl ether

Concen: 83.991 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Tgt Ion: 45 Resp: 160665

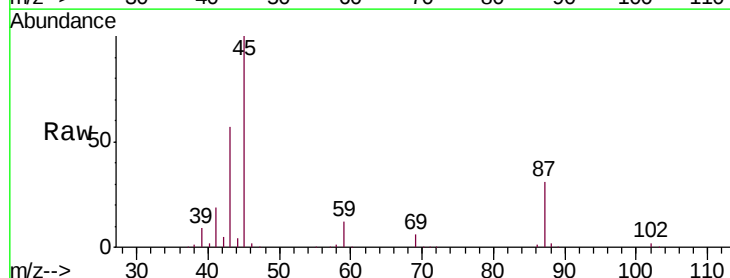
Ion Ratio Lower Upper

45 100

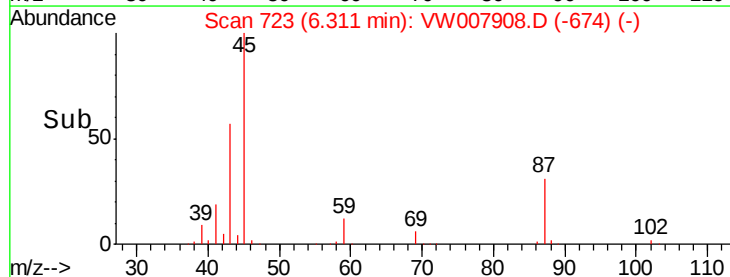
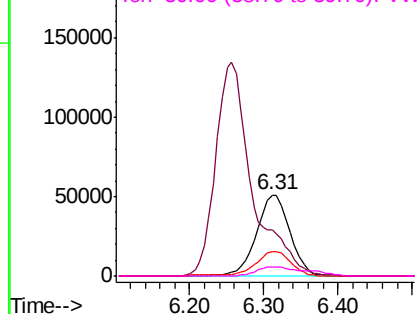
43 56.1 45.0 67.4

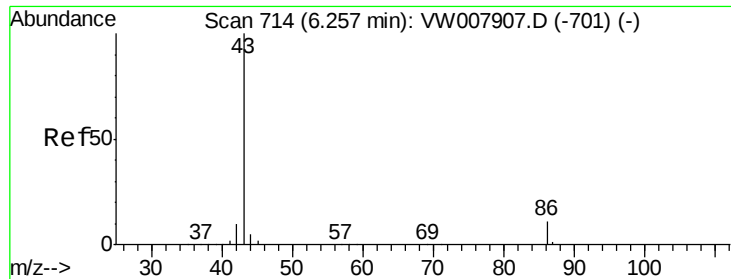
87 30.6 25.5 38.3

59 11.4 9.0 13.4



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





#23

Vinyl Acetate

Concen: 407.822 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

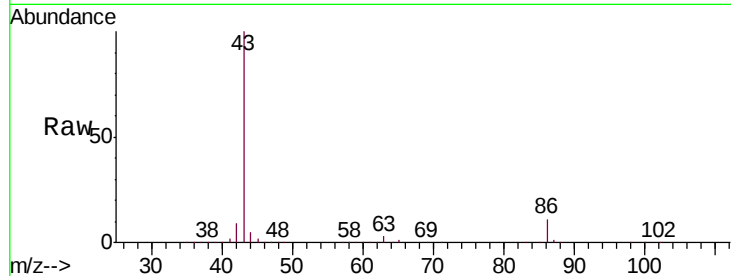
VSTDIC075

Tgt Ion: 43 Resp: 458681

Ion Ratio Lower Upper

43 100

86 11.0 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

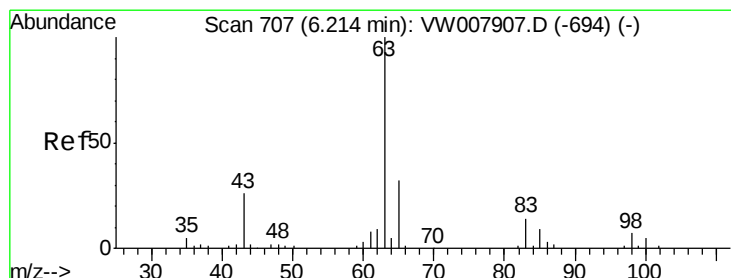
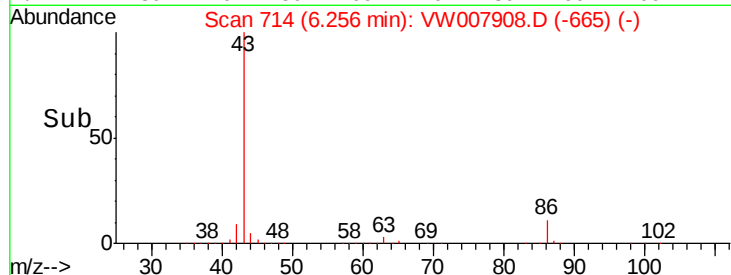
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 75.567 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

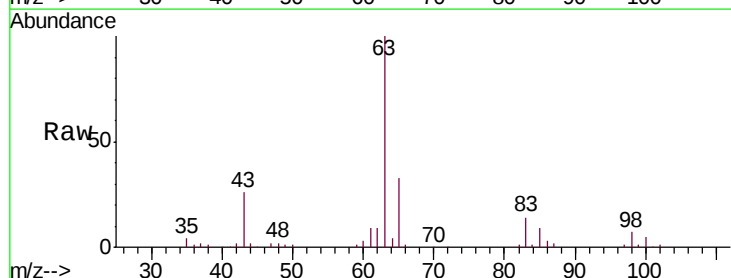
Tgt Ion: 63 Resp: 104365

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

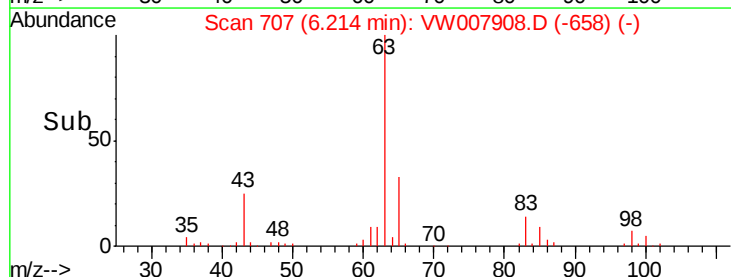
30000

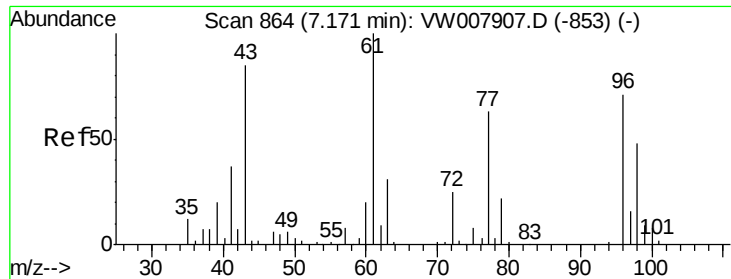
20000

10000

0

Time-->

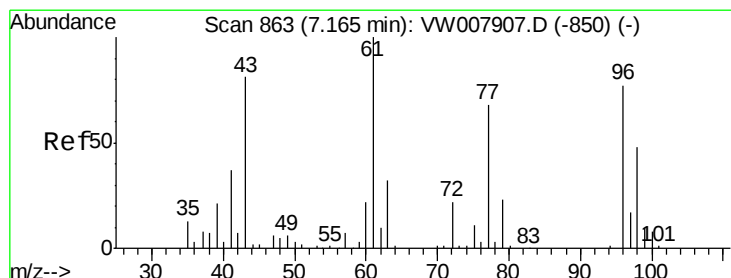
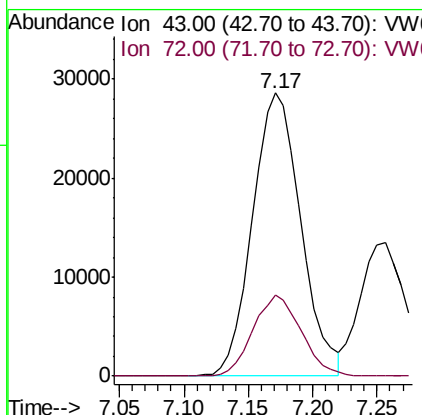
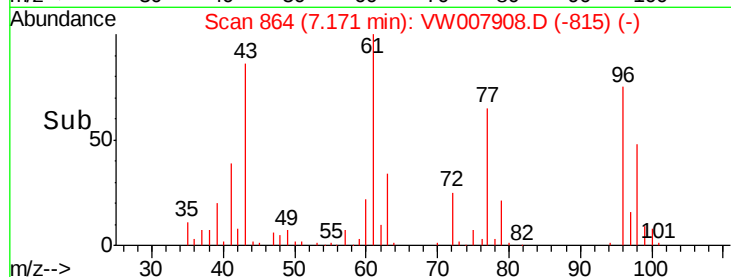
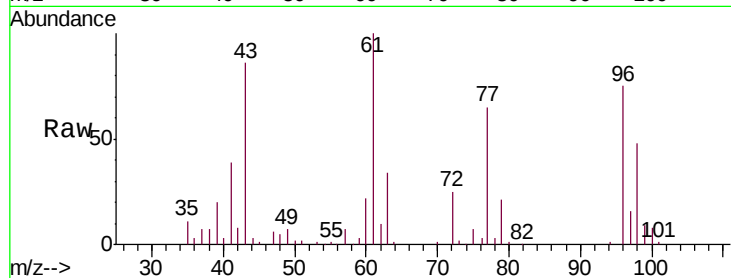




#25
2-Butanone
Concen: 394.447 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

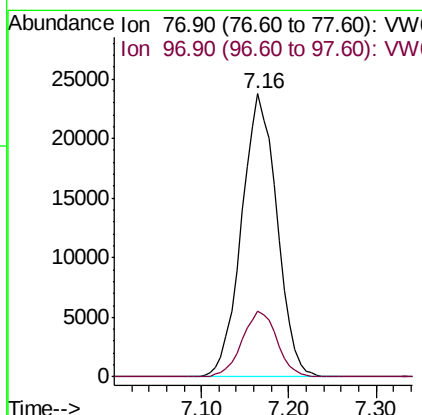
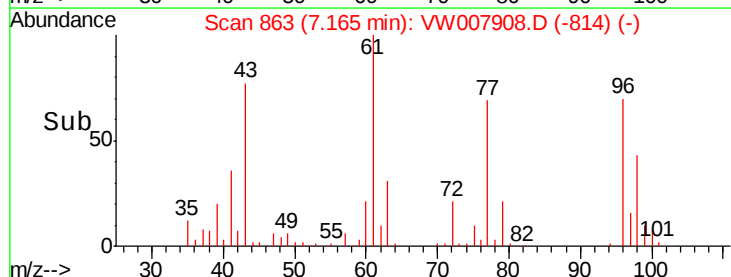
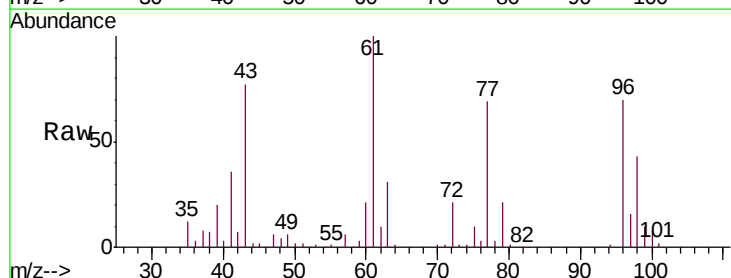
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

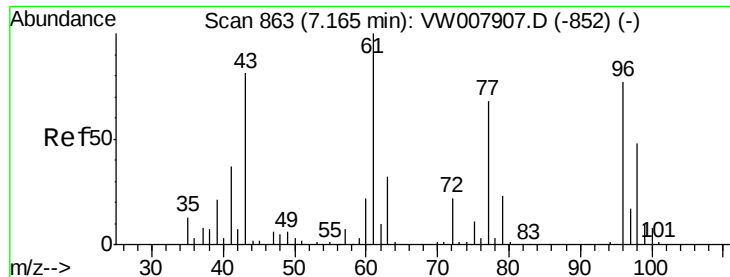
Tgt Ion: 43 Resp: 74465
Ion Ratio Lower Upper
43 100
72 28.7 23.2 34.8



#26
2,2-Dichloropropane
Concen: 67.224 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 77 Resp: 66674
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.4



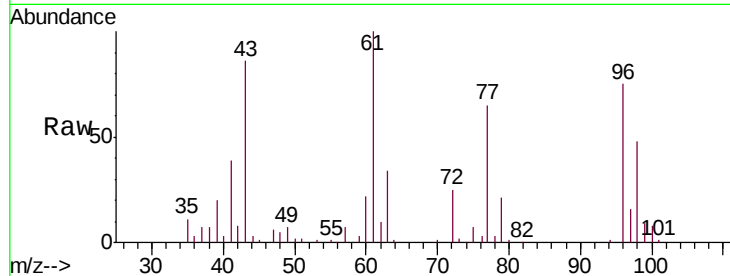


#27

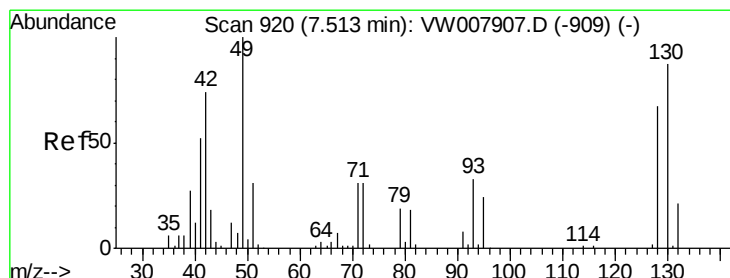
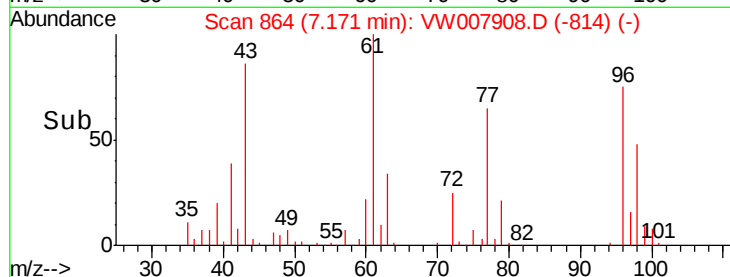
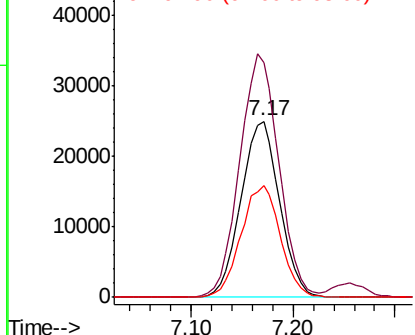
cis-1,2-Dichloroethene
Concen: 73.591 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 96 Resp: 65510
Ion Ratio Lower Upper
96 100
61 140.3 0.0 279.4
98 64.7 0.0 126.8



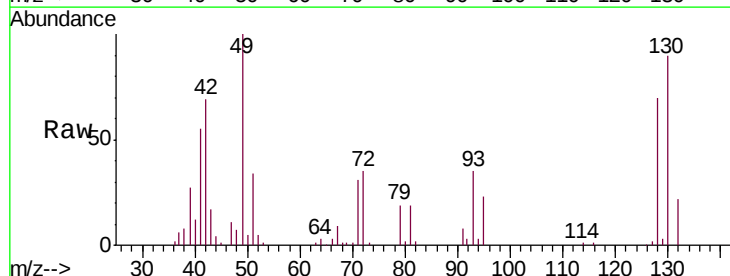
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



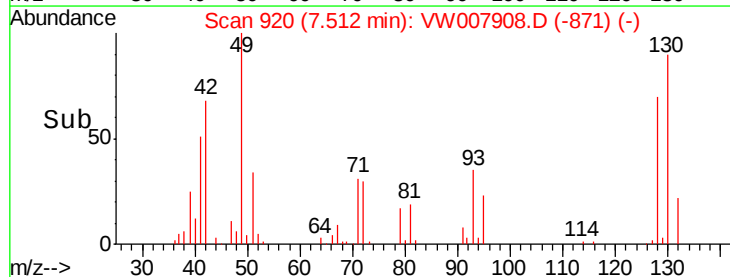
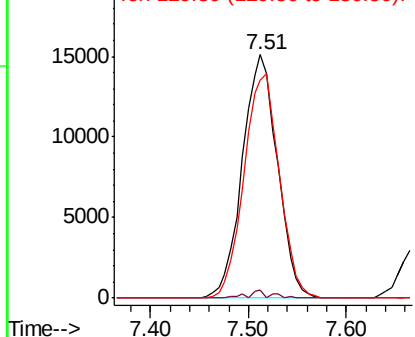
#28

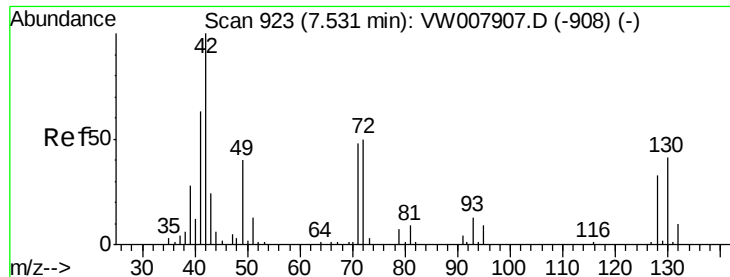
Bromochloromethane
Concen: 79.074 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 49 Resp: 37494
Ion Ratio Lower Upper
49 100
129 2.0 0.0 1.4#
130 92.8 70.7 106.1



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

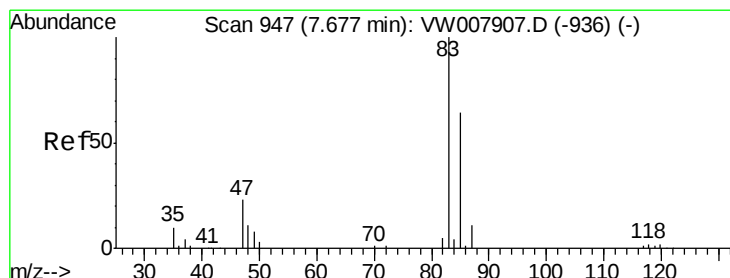
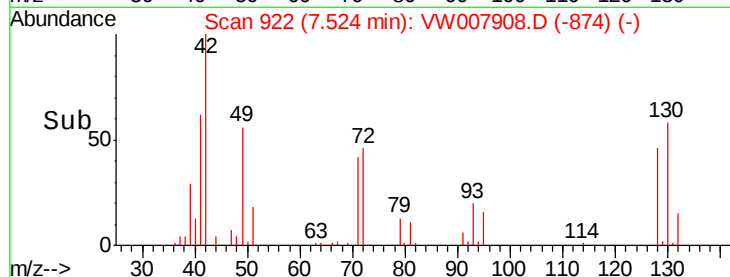
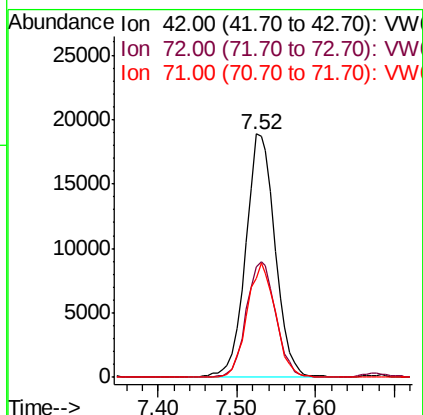
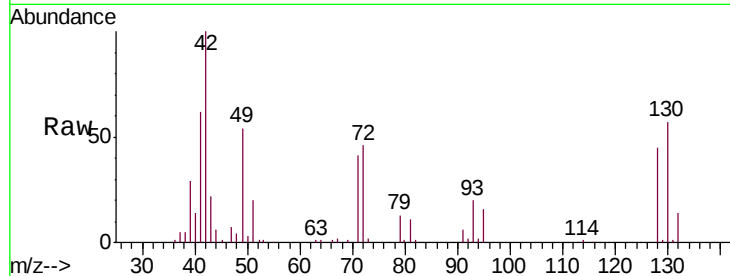




#29
Tetrahydrofuran
Concen: 428.946 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

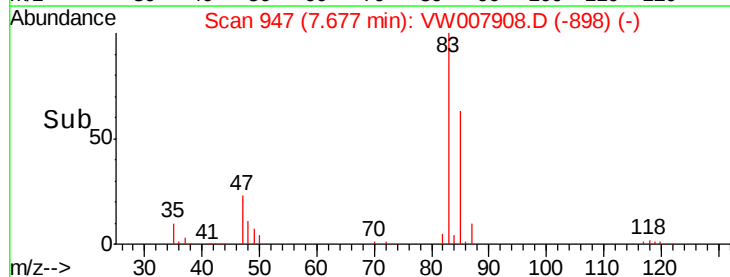
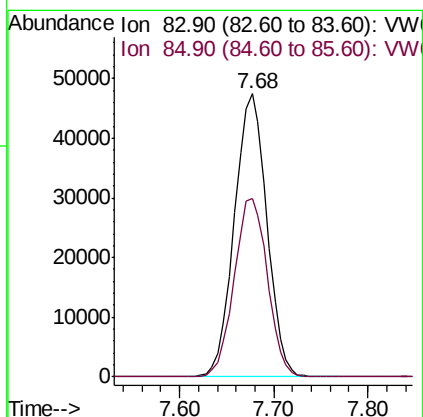
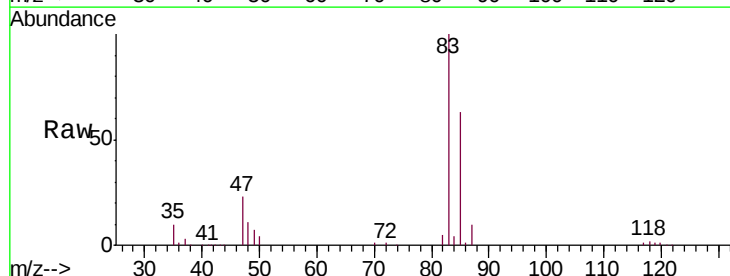
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

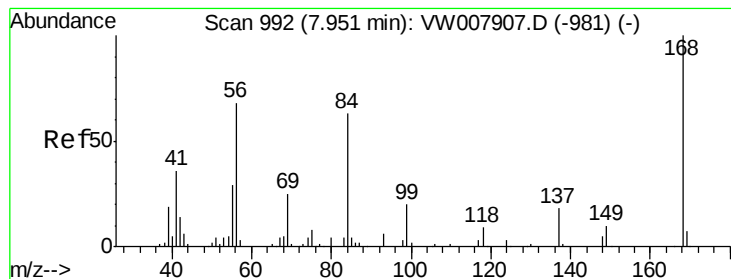
Tgt Ion: 42 Resp: 48926
Ion Ratio Lower Upper
42 100
72 47.2 37.8 56.8
71 45.0 35.8 53.6



#30
Chloroform
Concen: 73.349 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 83 Resp: 113375
Ion Ratio Lower Upper
83 100
85 63.1 51.3 76.9

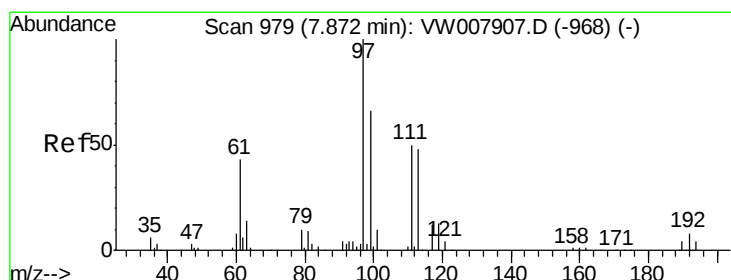
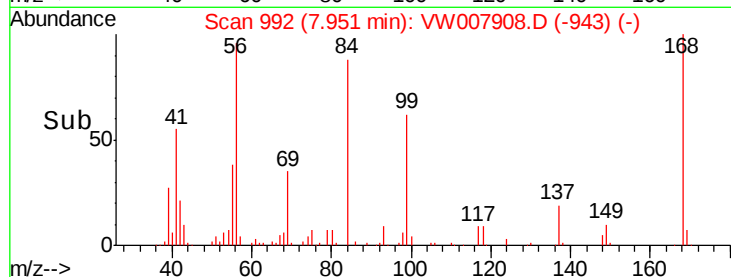
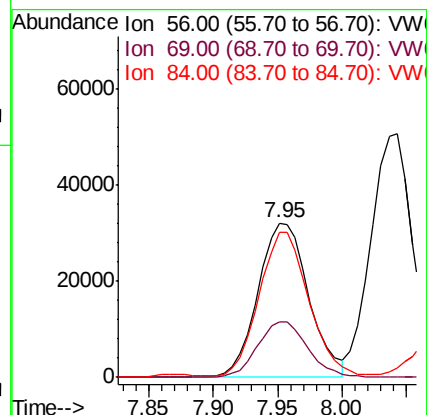
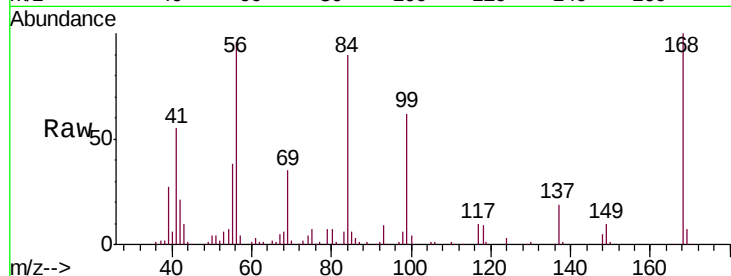




#31
Cyclohexane
Concen: 69.804 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

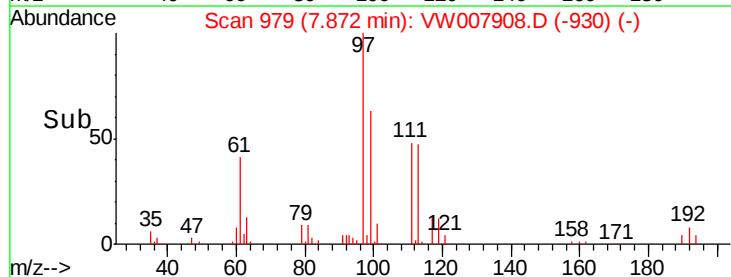
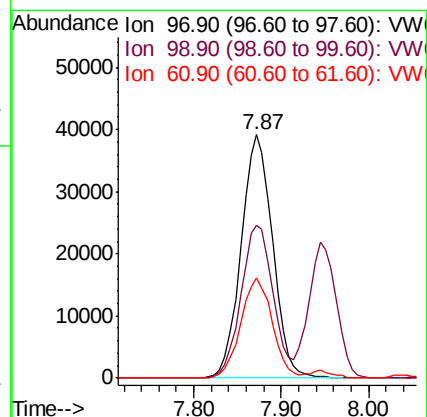
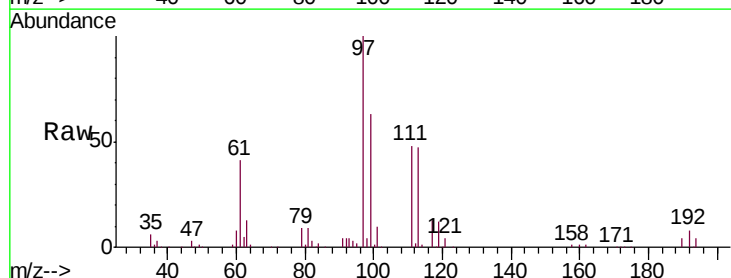
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

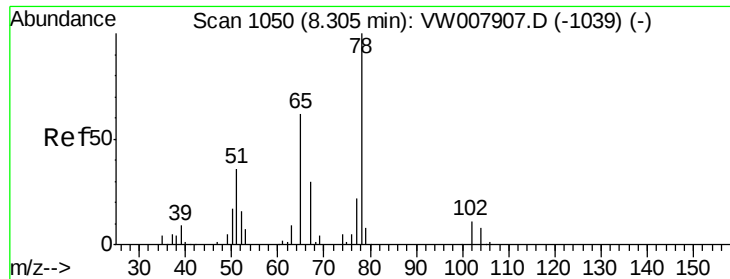
Tgt Ion: 56 Resp: 87752
Ion Ratio Lower Upper
56 100
69 35.9 29.9 44.9
84 92.4 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 70.132 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 97 Resp: 97899
Ion Ratio Lower Upper
97 100
99 64.4 52.7 79.1
61 41.2 33.3 49.9

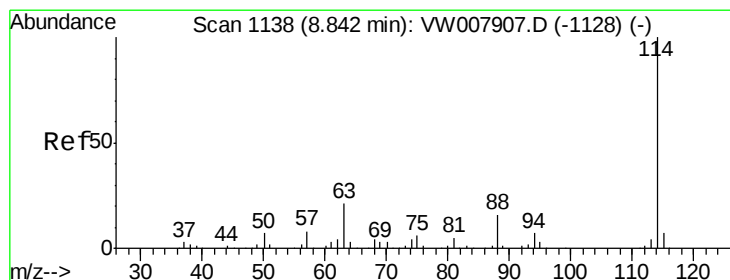
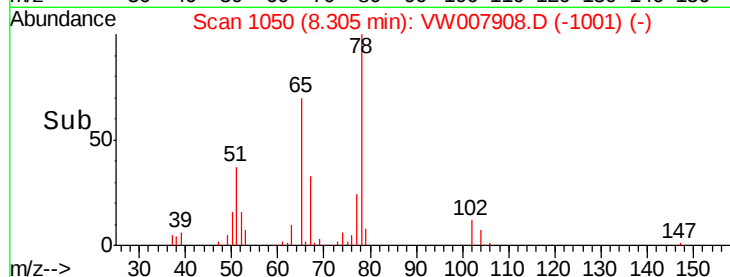
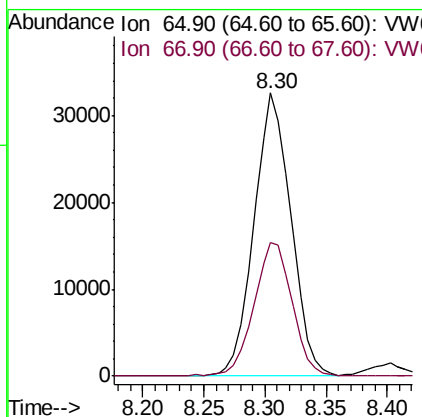
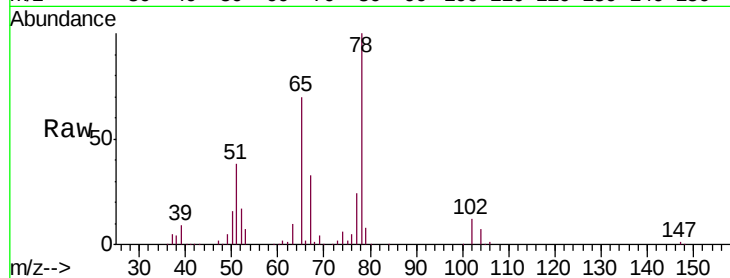




#33
 1,2-Dichloroethane-d4
 Concen: 80.267 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

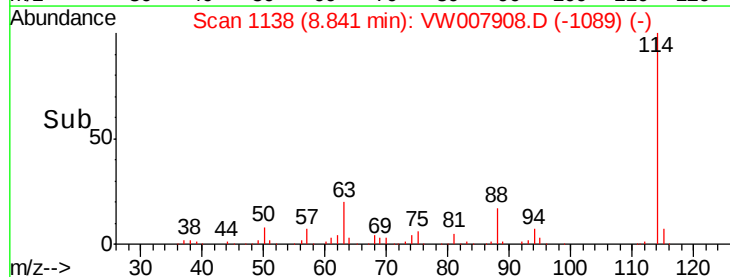
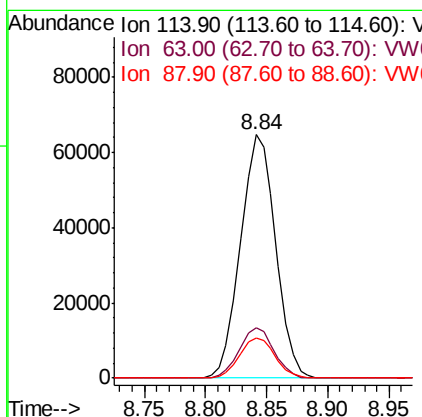
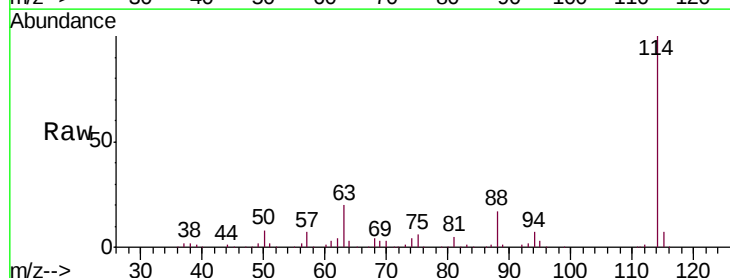
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

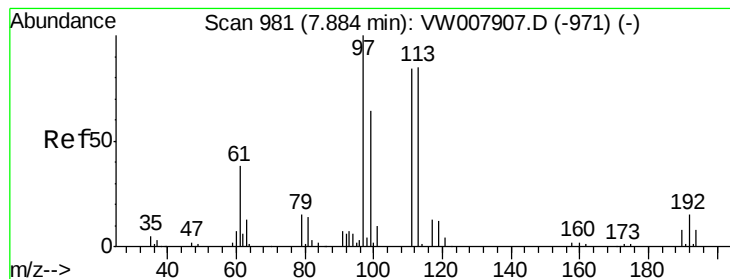
Tgt Ion: 65 Resp: 68469
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 114 Resp: 128608
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 75.306 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

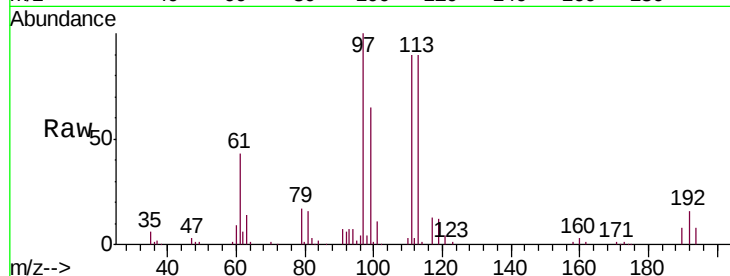
Tgt Ion:113 Resp: 59583

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

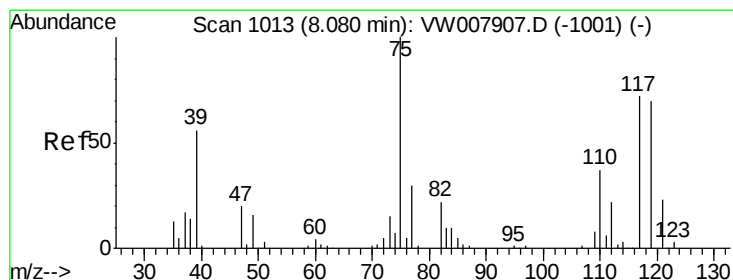
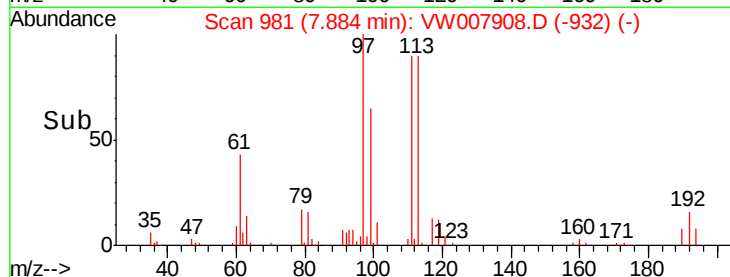
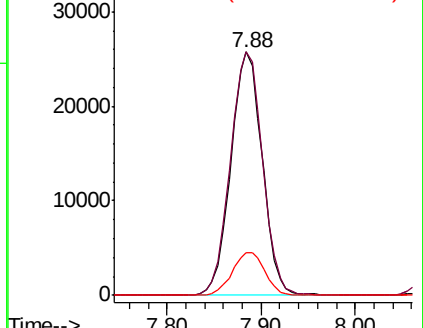
192 18.3 14.9 22.3



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: 68.334 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

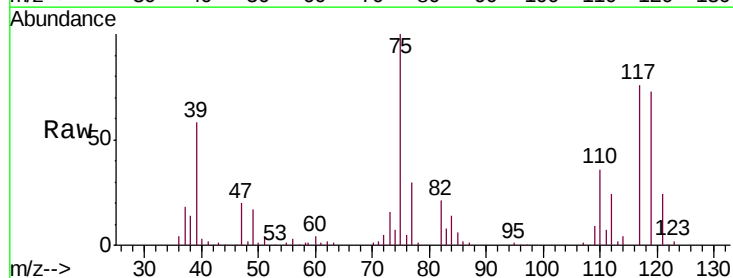
Tgt Ion: 75 Resp: 84559

Ion Ratio Lower Upper

75 100

110 35.9 18.2 54.6

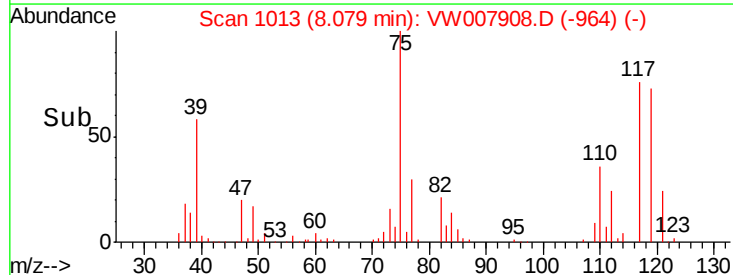
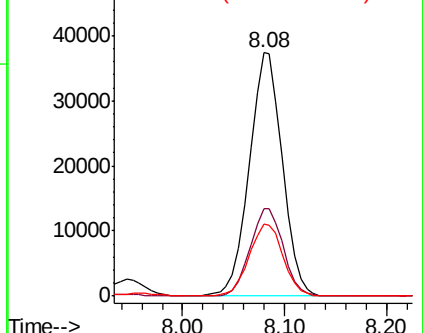
77 30.4 25.0 37.4

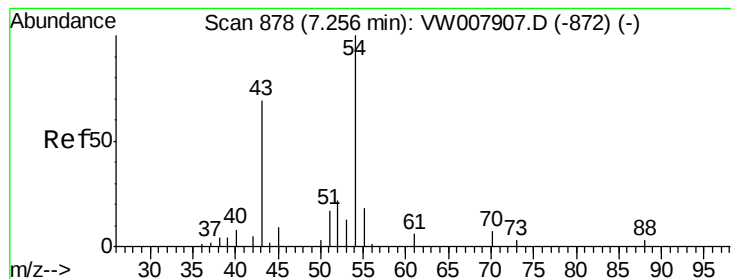


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 78.239 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

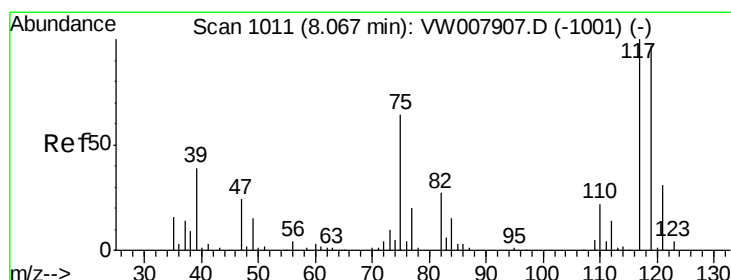
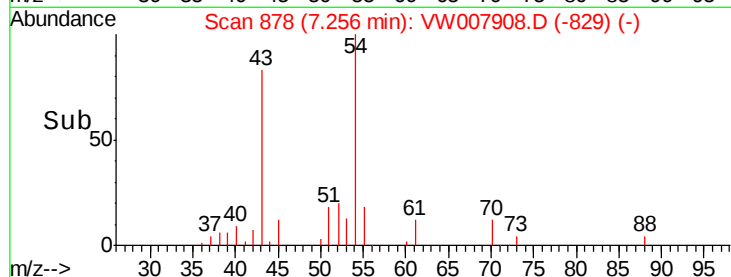
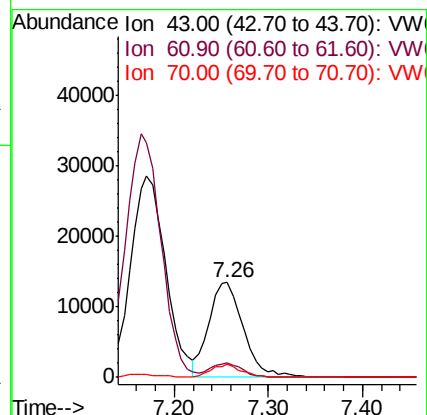
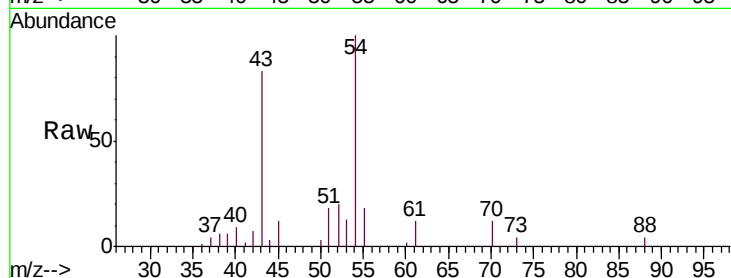
Tgt Ion: 43 Resp: 34357

Ion Ratio Lower Upper

43 100

61 13.9 10.6 16.0

70 12.1 9.0 13.4



#38

Carbon Tetrachloride

Concen: 63.178 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

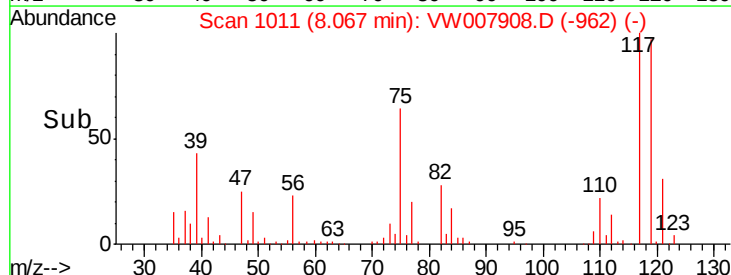
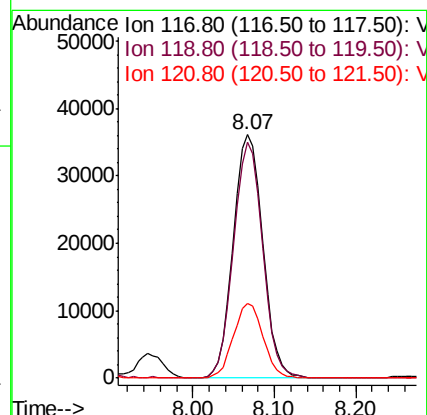
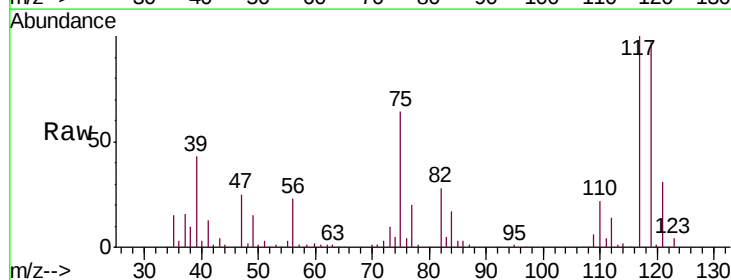
Tgt Ion: 117 Resp: 90515

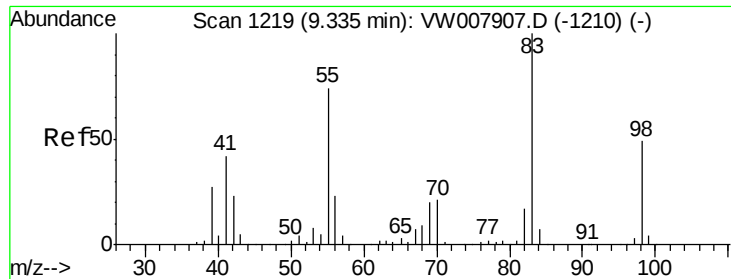
Ion Ratio Lower Upper

117 100

119 96.7 77.3 115.9

121 30.9 24.5 36.7

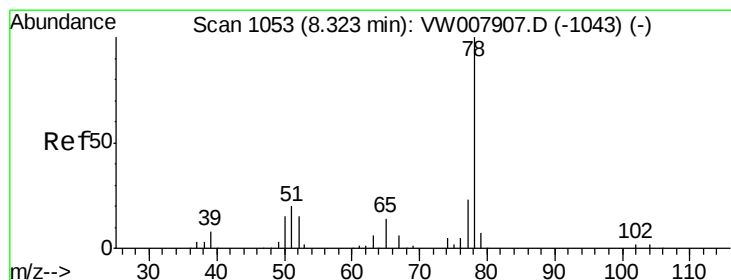
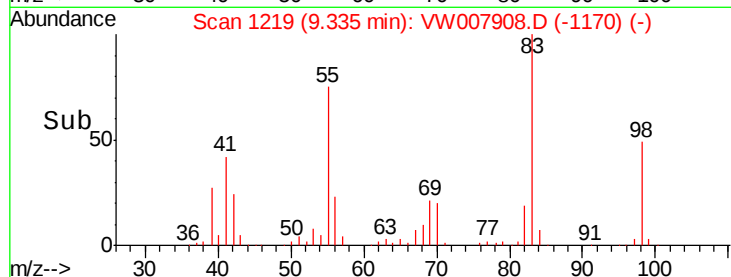
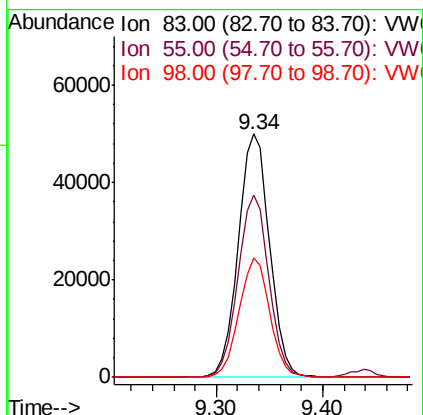
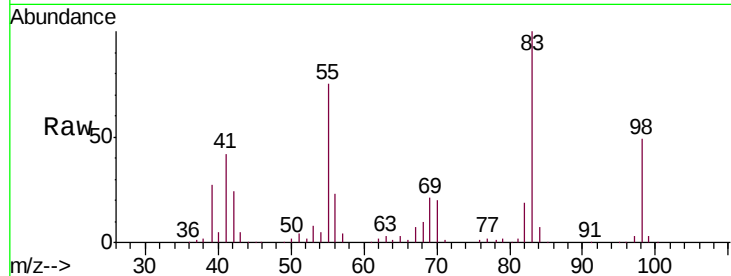




#39
Methylcyclohexane
Concen: 67.072 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

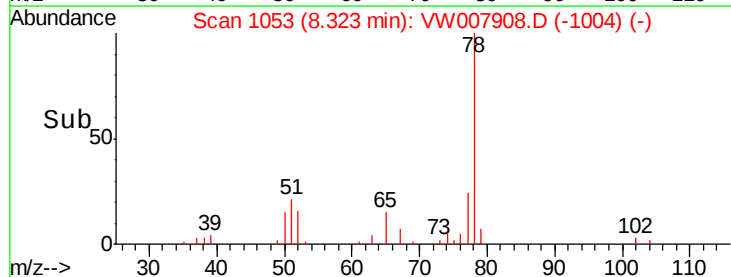
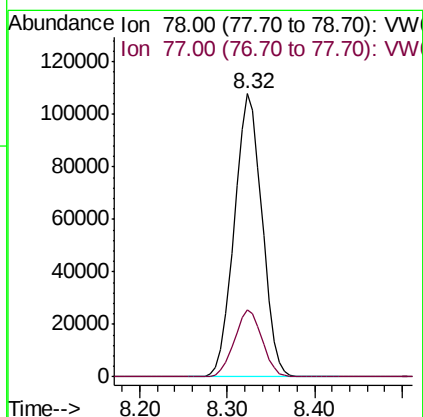
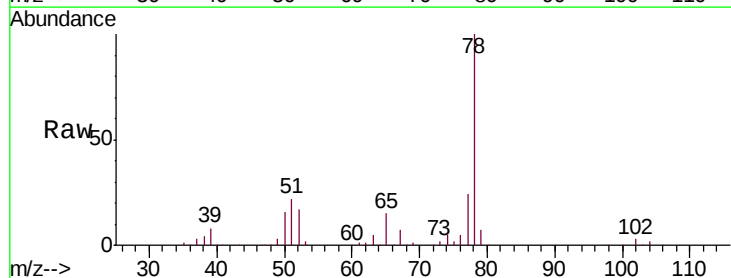
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

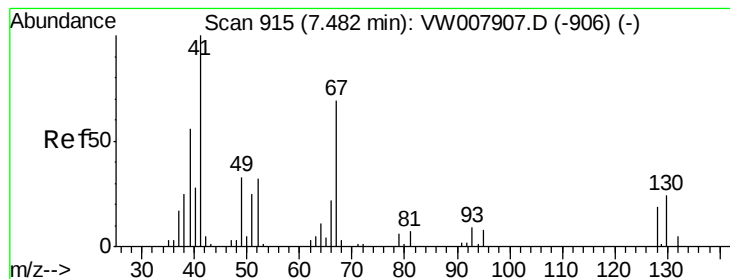
Tgt Ion: 83 Resp: 103269
Ion Ratio Lower Upper
83 100
55 74.6 59.1 88.7
98 49.1 39.2 58.8



#40
Benzene
Concen: 71.104 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 78 Resp: 236948
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0





#41

Methacrylonitrile

Concen: 87.684 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 41 Resp: 22551

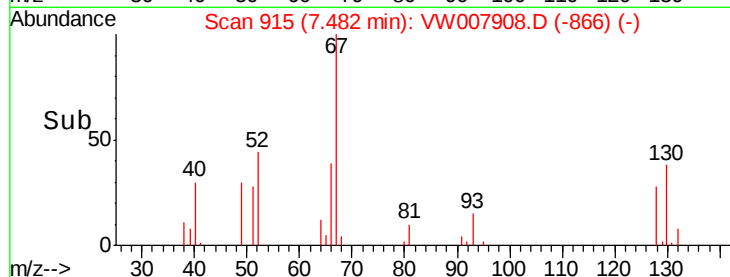
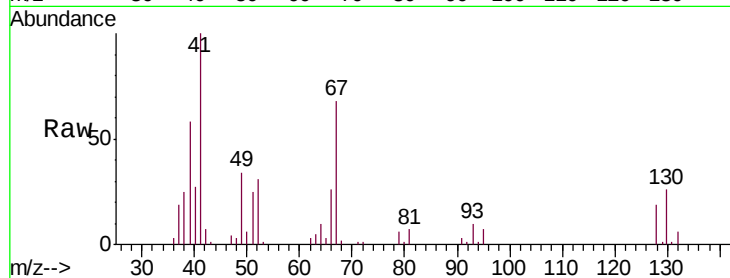
Ion Ratio Lower Upper

41 100

39 60.3 45.0 67.4

67 69.0 53.9 80.9

52 30.4 23.2 34.8

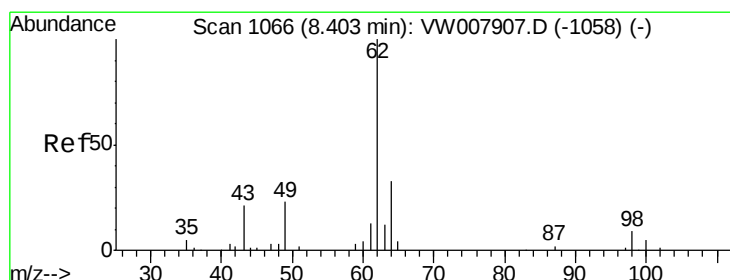
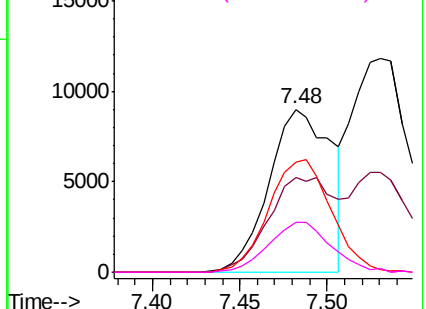


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 70.438 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007908.D

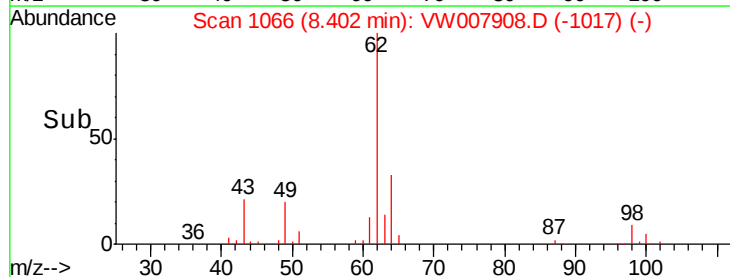
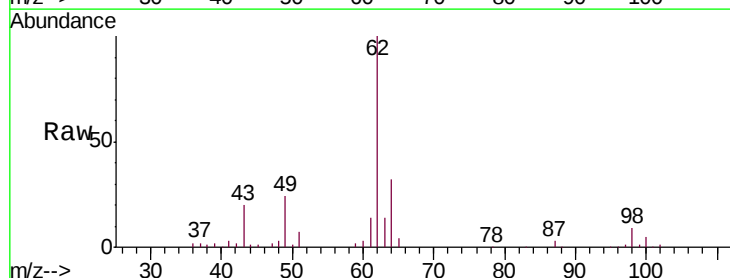
Acq: 25 Dec 2018 00:56

Tgt Ion: 62 Resp: 78387

Ion Ratio Lower Upper

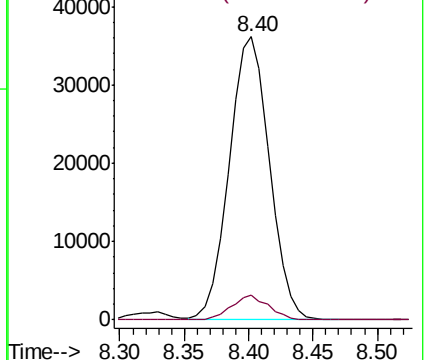
62 100

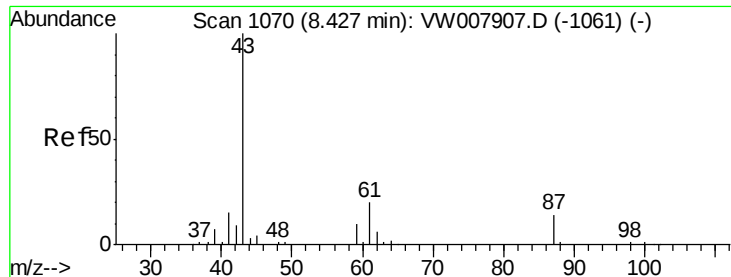
98 8.1 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 80.331 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

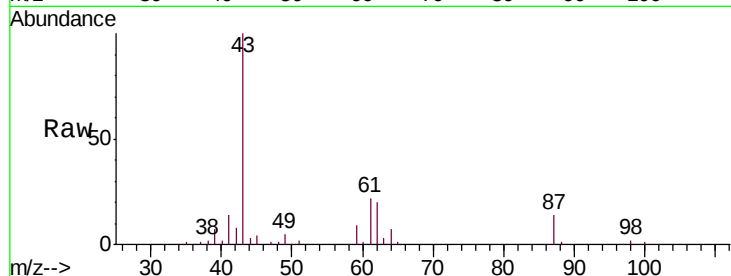
Tgt Ion: 43 Resp: 70788

Ion Ratio Lower Upper

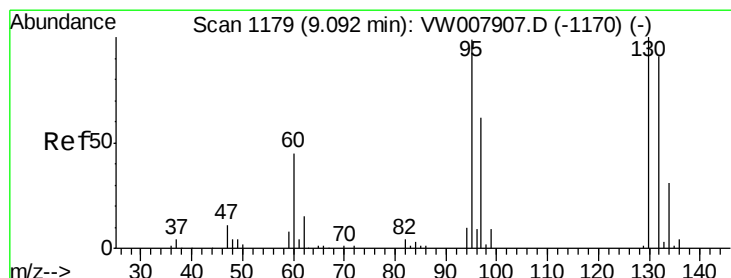
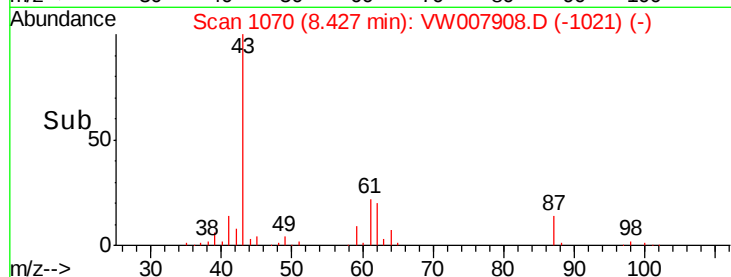
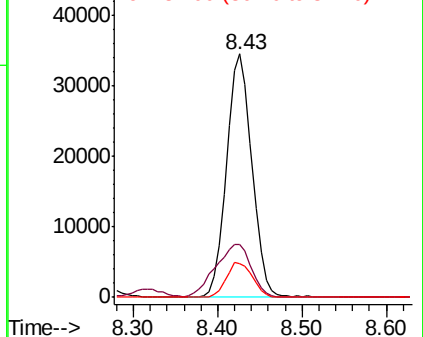
43 100

61 30.8 24.2 36.2

87 14.8 11.2 16.8



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



#44

Trichloroethene

Concen: 66.754 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007908.D

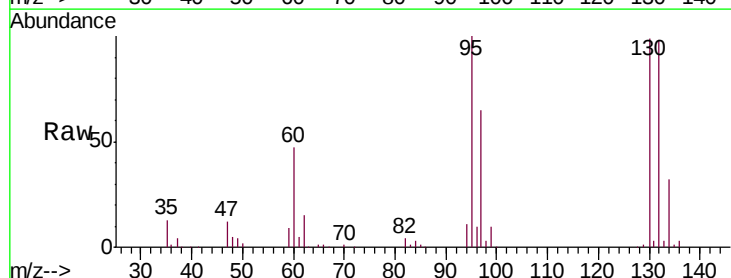
Acq: 25 Dec 2018 00:56

Tgt Ion: 130 Resp: 66523

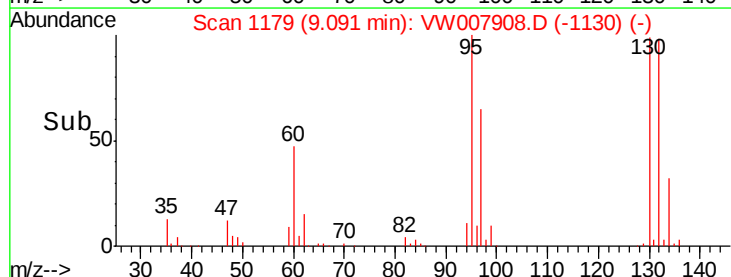
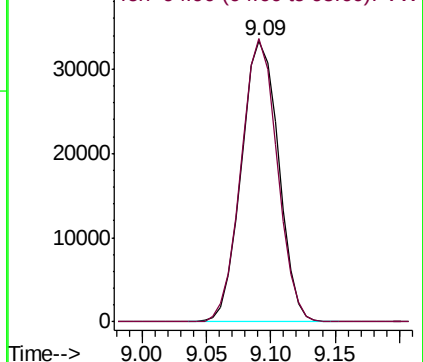
Ion Ratio Lower Upper

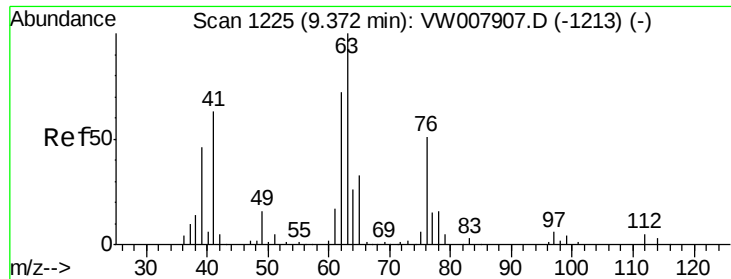
130 100

95 100.6 0.0 197.4



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

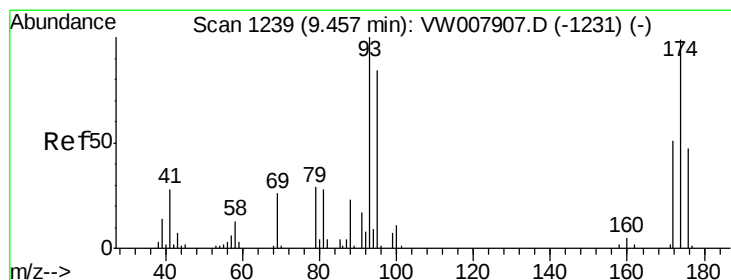
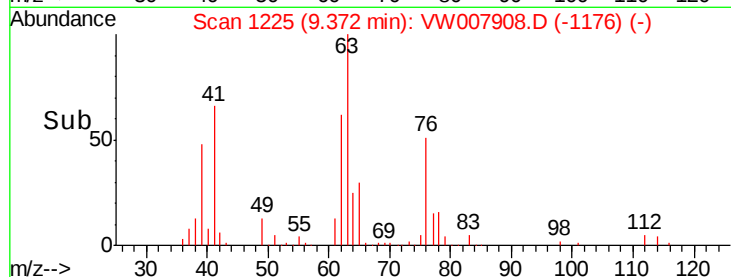
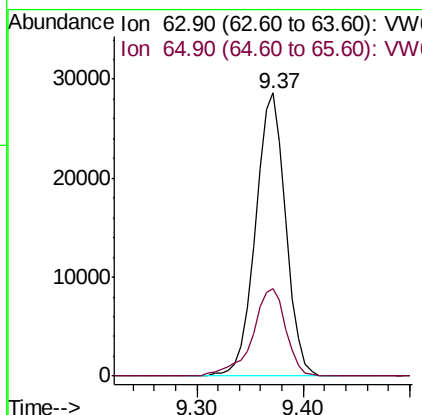
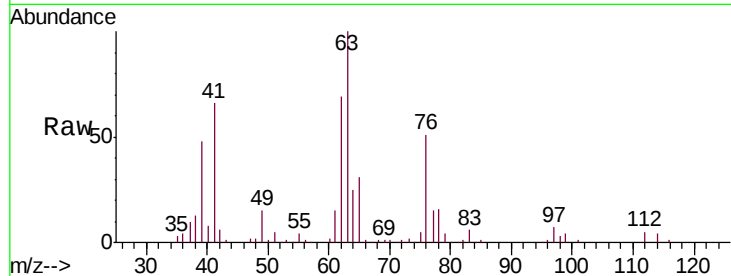




#45
 1,2-Dichloropropane
 Concen: 76.041 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

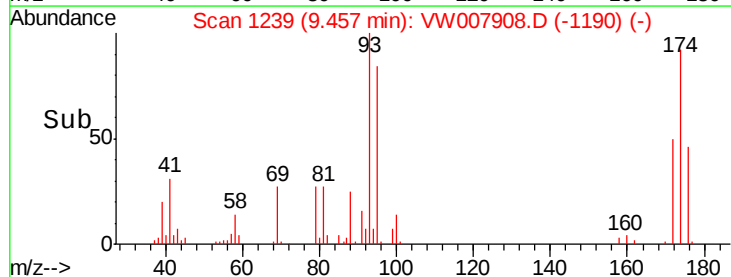
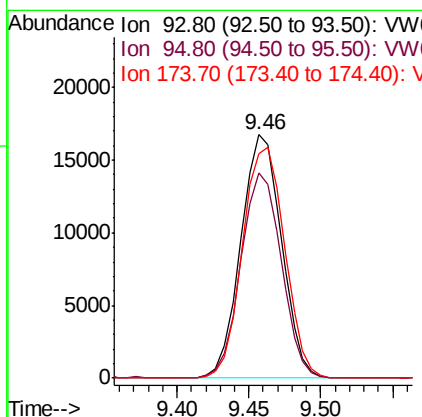
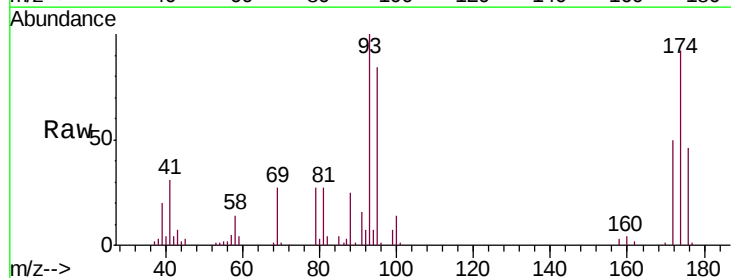
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

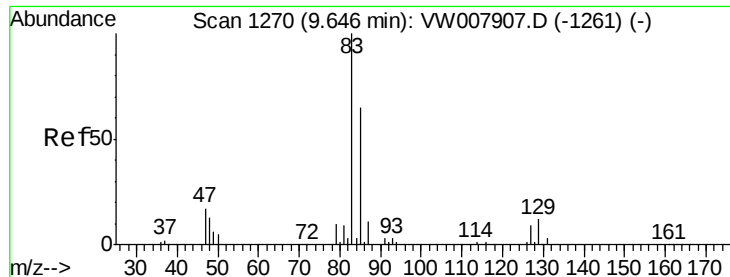
Tgt Ion: 63 Resp: 56764
 Ion Ratio Lower Upper
 63 100
 65 30.8 26.4 39.6



#46
 Dibromomethane
 Concen: 72.268 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 93 Resp: 32718
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 100.0
 174 98.6 81.0 121.4

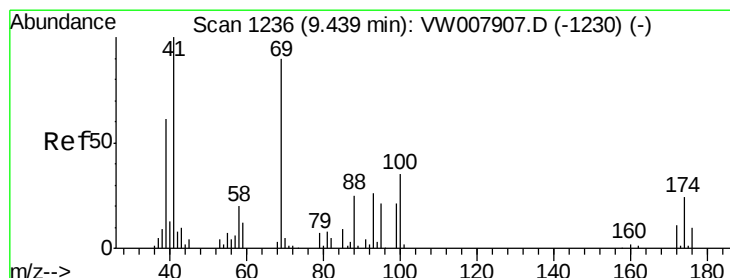
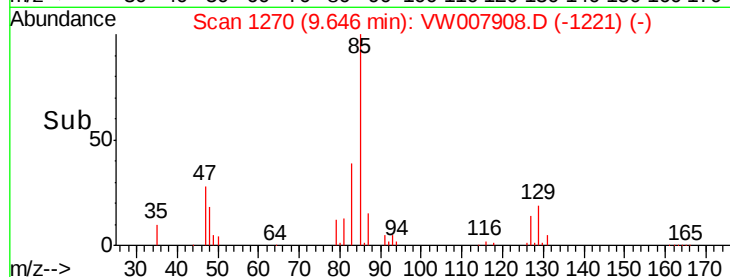
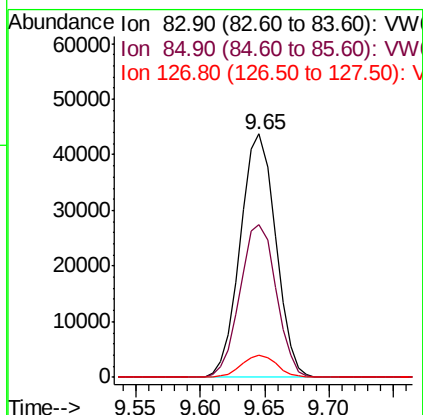
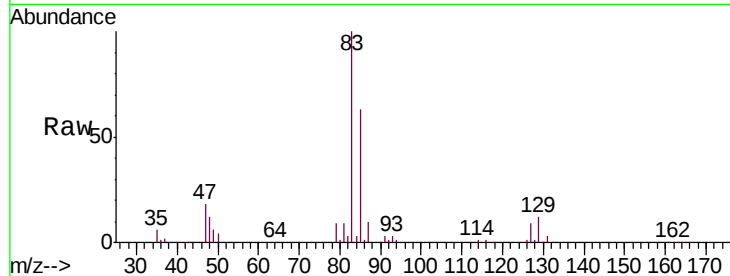




#47
Bromodichloromethane
Concen: 70.269 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

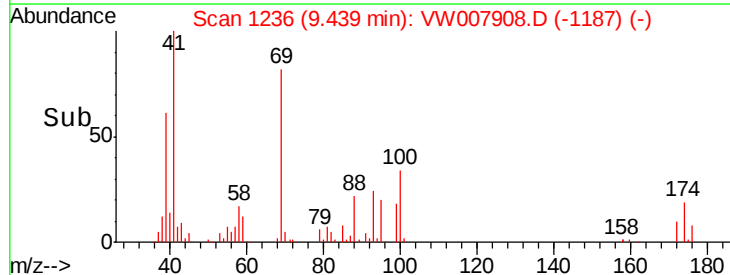
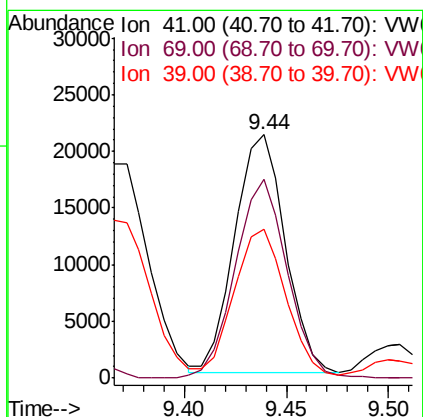
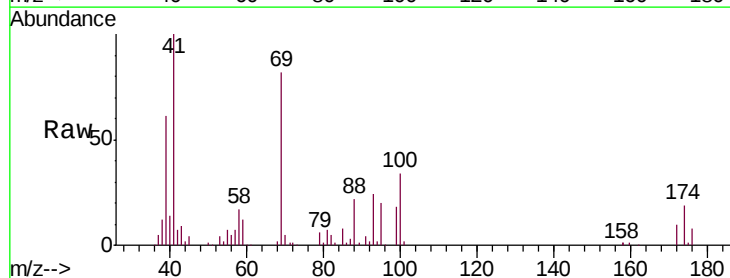
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

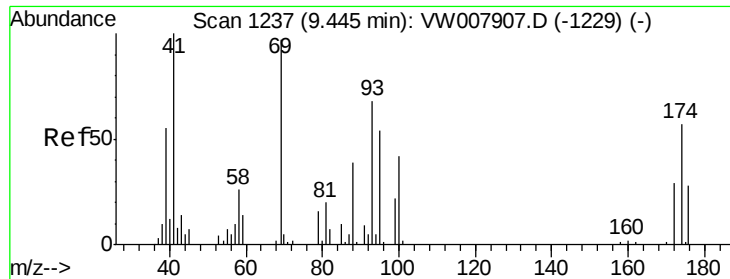
Tgt Ion: 83 Resp: 83542
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 81.877 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 41 Resp: 36129
Ion Ratio Lower Upper
41 100
69 86.1 70.4 105.6
39 61.9 51.7 77.5

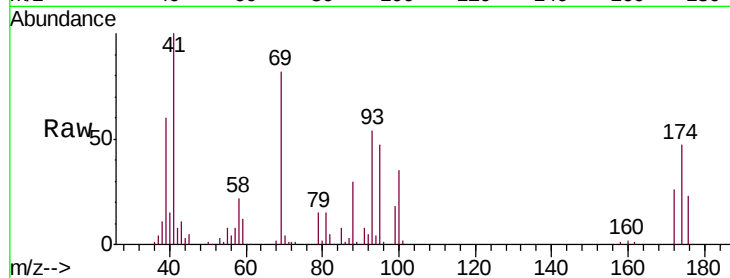




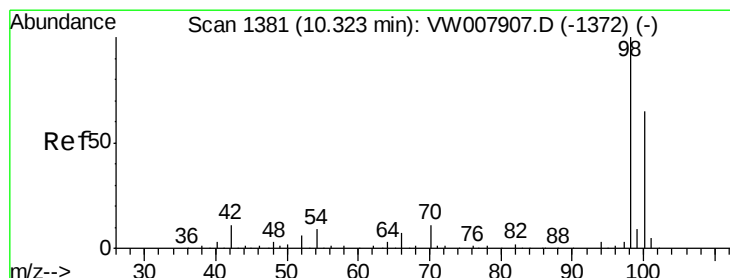
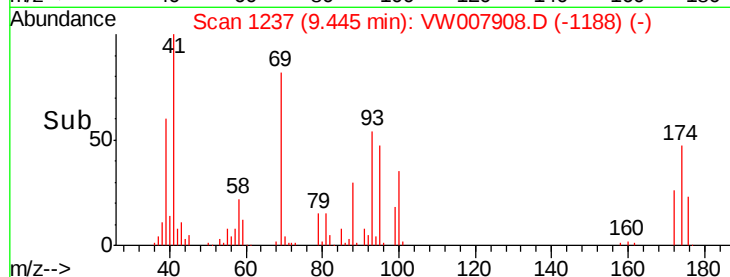
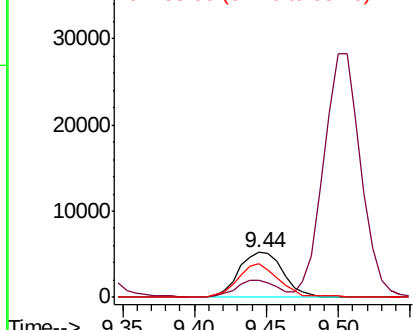
#49
1,4-Dioxane
Concen: 1545.991 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 88 Resp: 11204
Ion Ratio Lower Upper
88 100
43 34.0 30.9 46.3
58 67.3 55.4 83.0

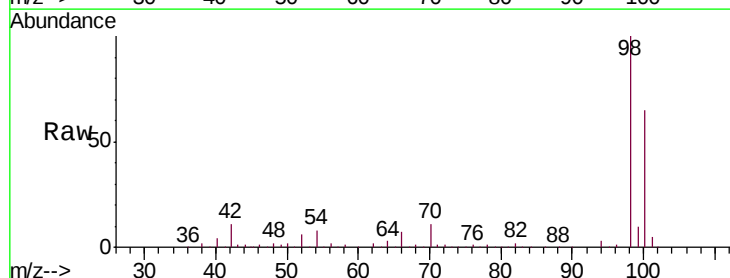


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

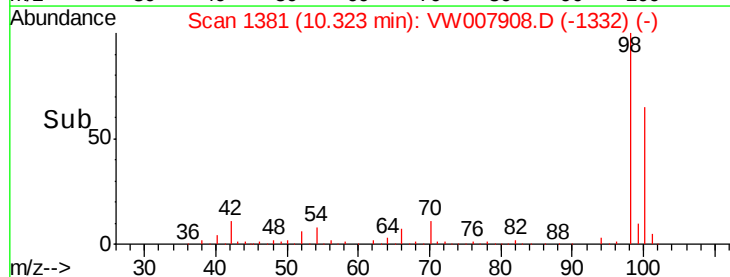
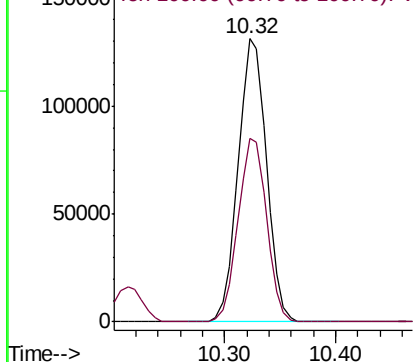


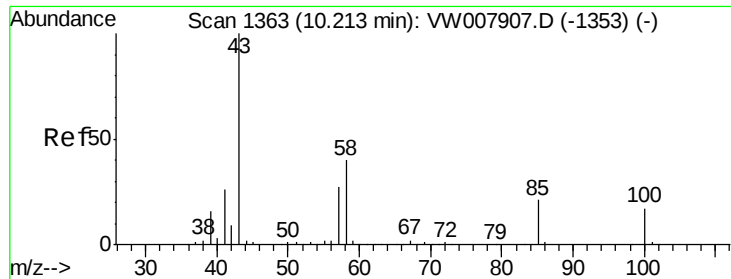
#50
Toluene-d8
Concen: 77.323 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 98 Resp: 231213
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

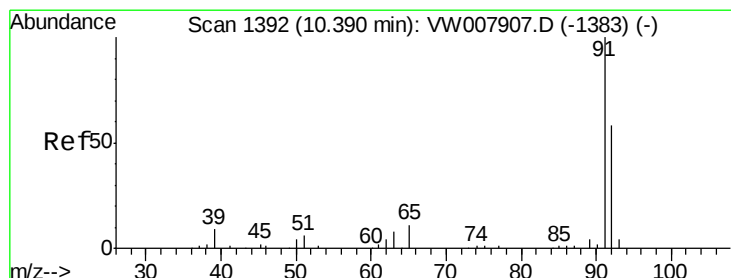
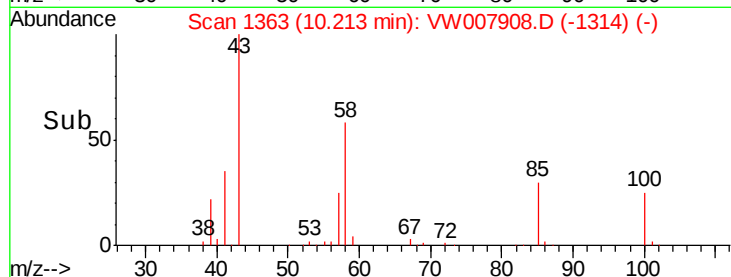
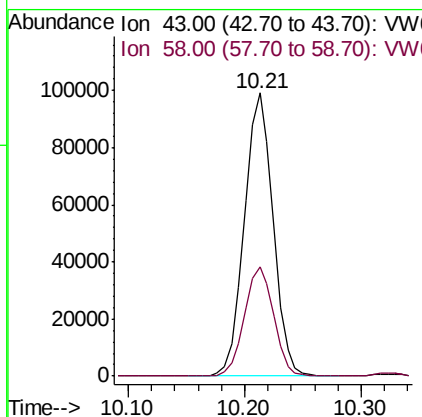
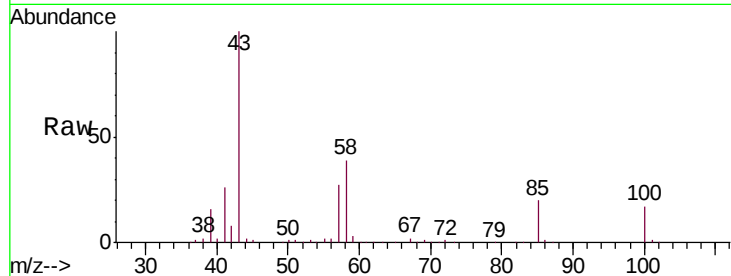




#51
4-Methyl-2-Pentanone
Concen: 408.125 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

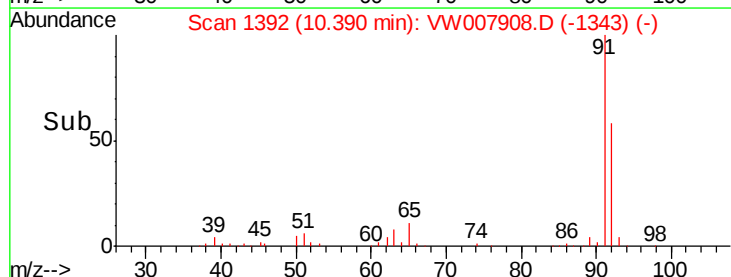
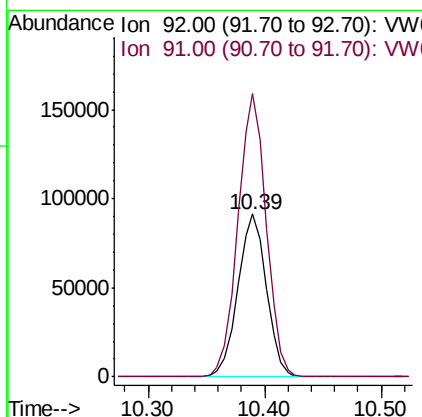
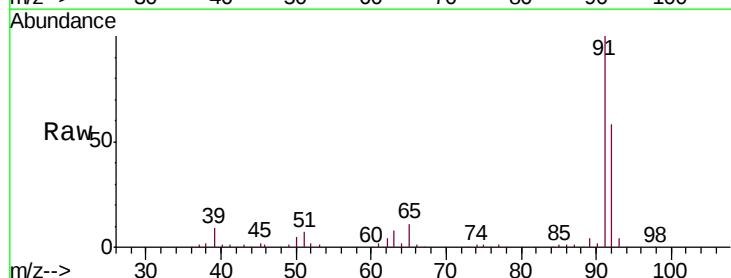
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

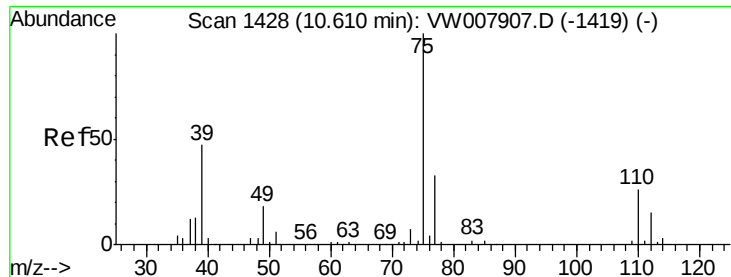
Tgt Ion: 43 Resp: 171024
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4



#52
Toluene
Concen: 69.939 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 92 Resp: 155889
Ion Ratio Lower Upper
92 100
91 172.0 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 72.261 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampled :

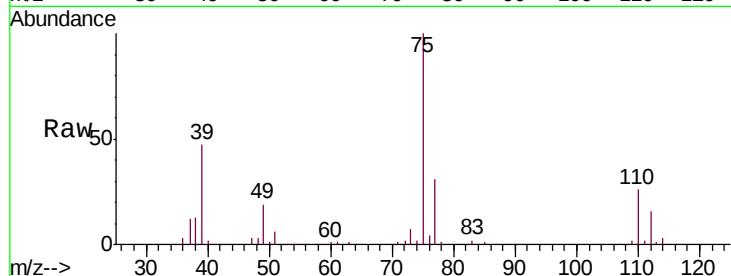
VSTDIC075

Tgt Ion: 75 Resp: 86013

Ion Ratio Lower Upper

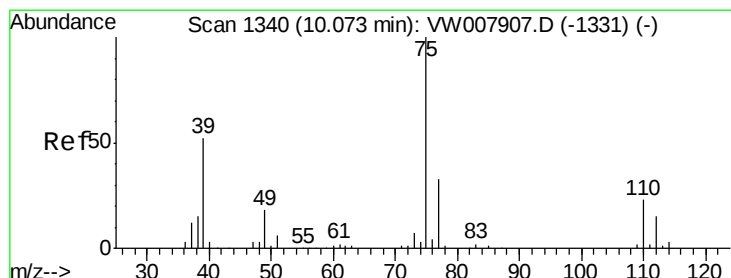
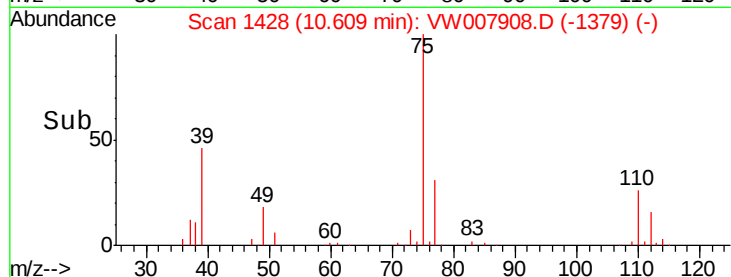
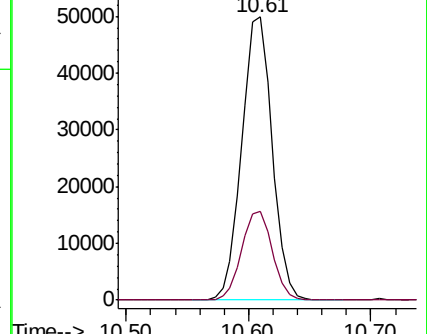
75 100

77 31.5 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 72.751 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

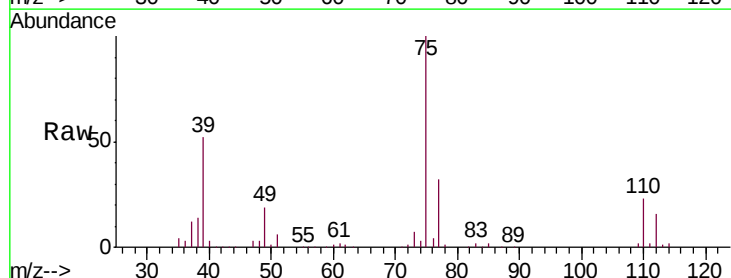
Tgt Ion: 75 Resp: 95652

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

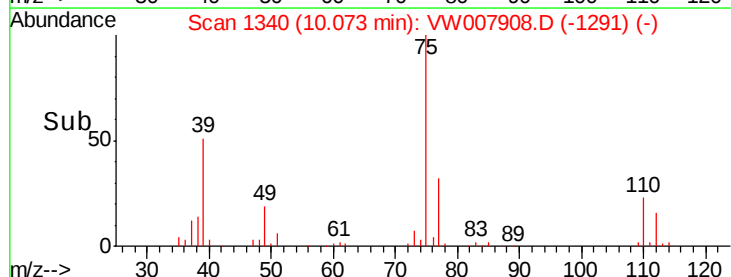
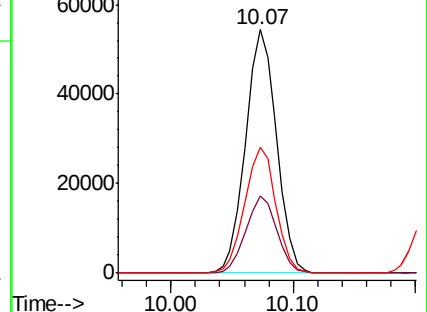
39 51.7 41.8 62.6

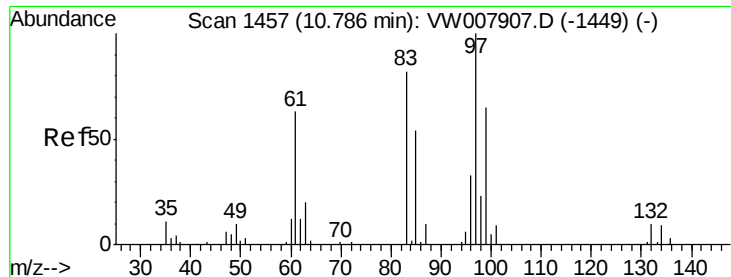


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

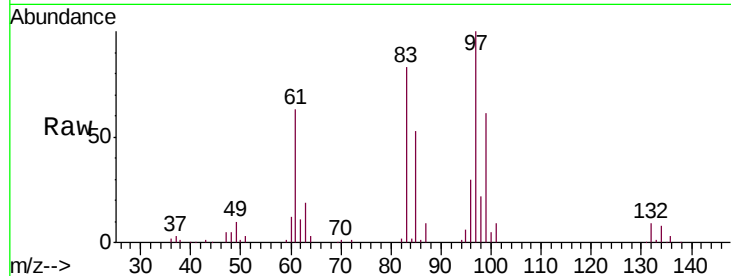




#55
 1,1,2-Trichloroethane
 Concen: 73.708 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:	97	Resp:	46481
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.8	98.6
85	52.6	43.5	65.3
99	60.6	51.8	77.6



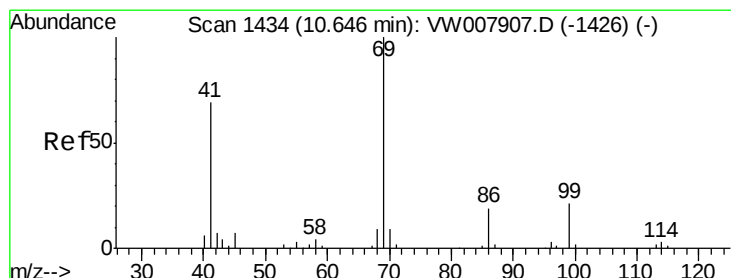
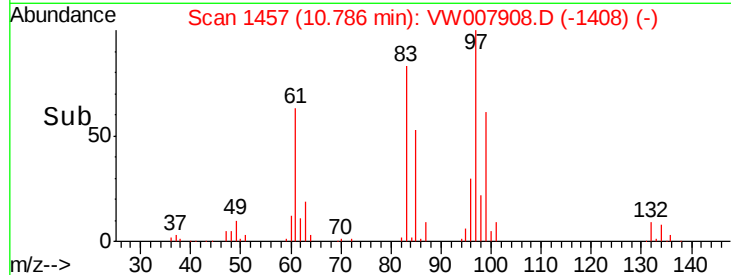
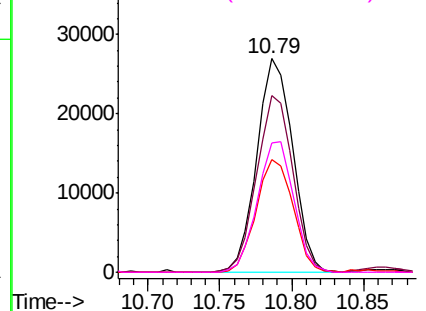
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

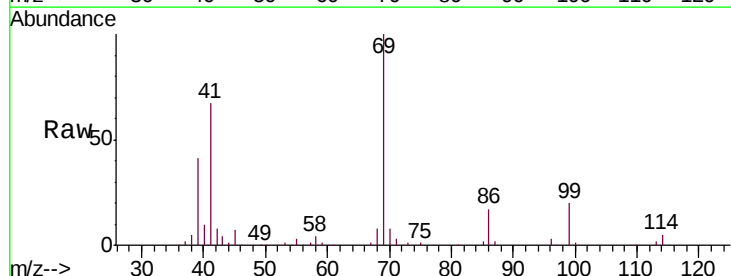
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 79.261 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion:	69	Resp:	59237
Ion	Ratio	Lower	Upper
69	100		
41	66.5	54.0	81.0
39	39.2	31.1	46.7

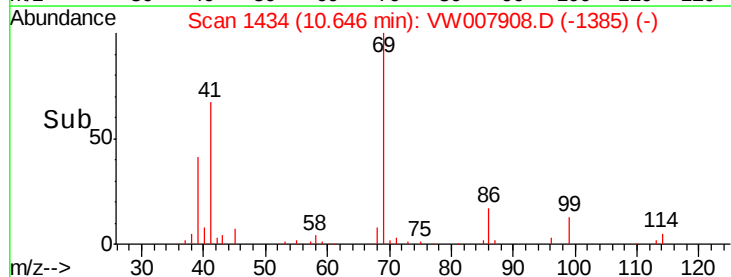
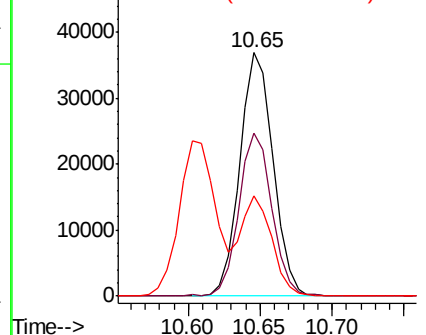


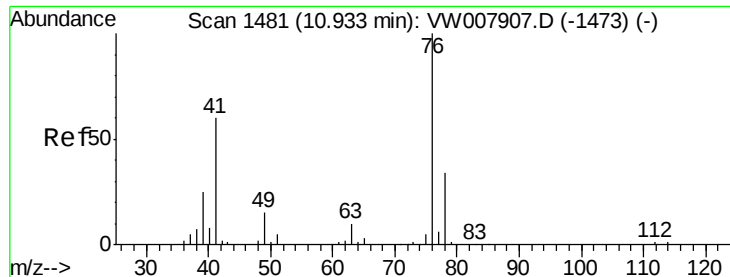
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

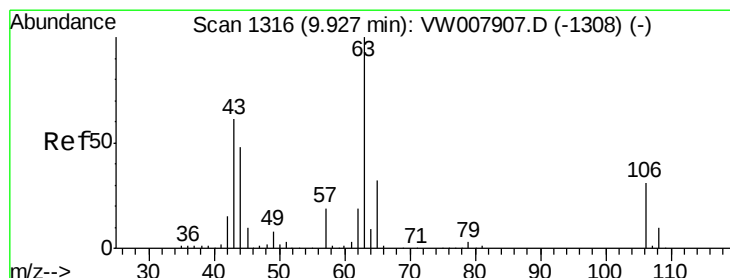
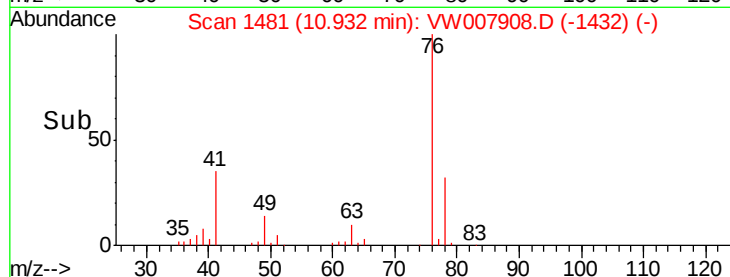
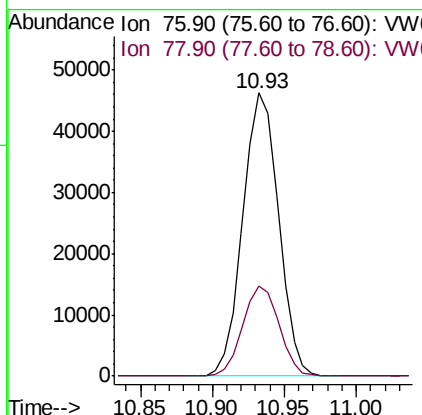
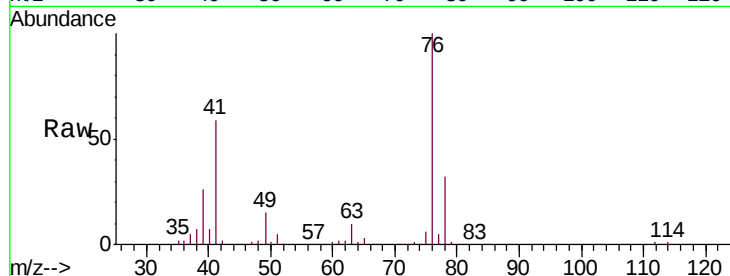




#57
 1,3-Dichloropropane
 Concen: 75.689 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

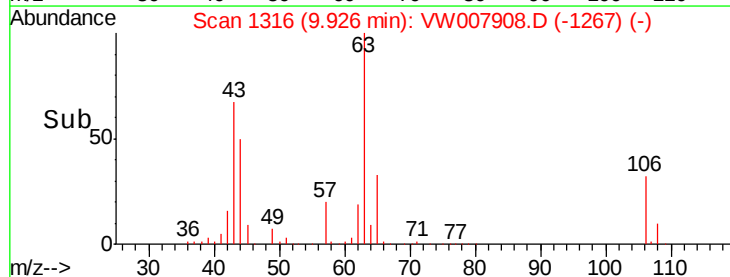
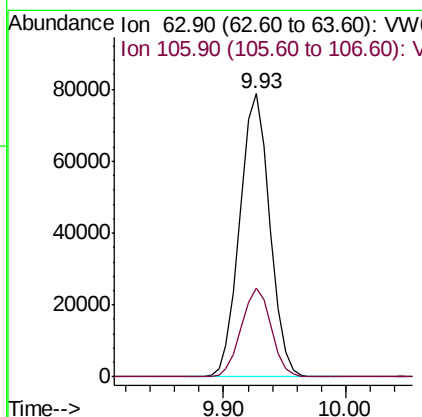
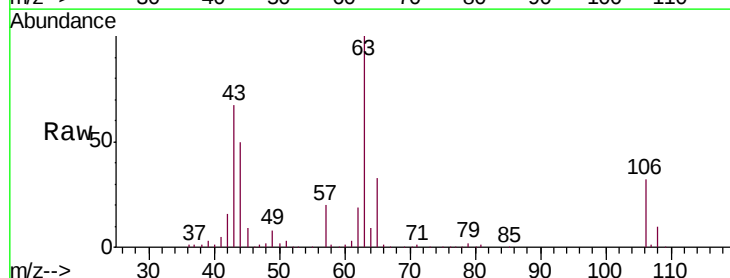
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

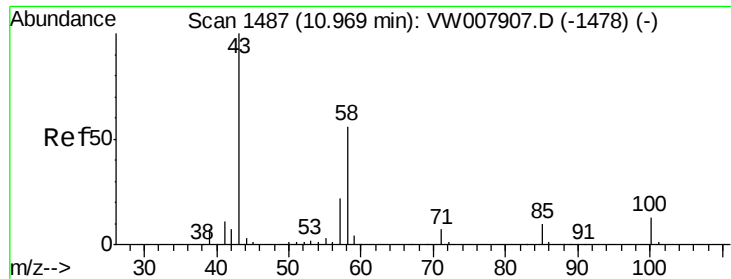
Tgt Ion: 76 Resp: 79600
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 390.178 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 63 Resp: 134194
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.8 37.2





#59

2-Hexanone

Concen: 401.973 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

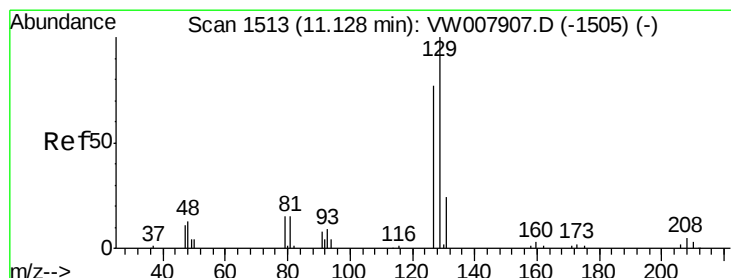
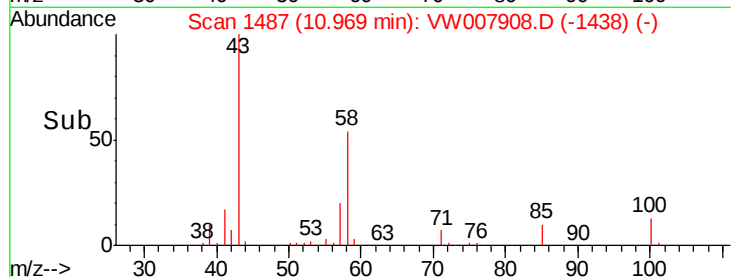
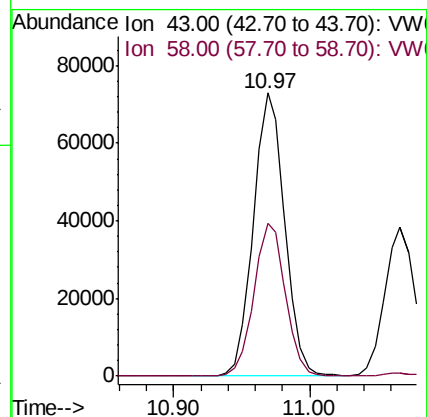
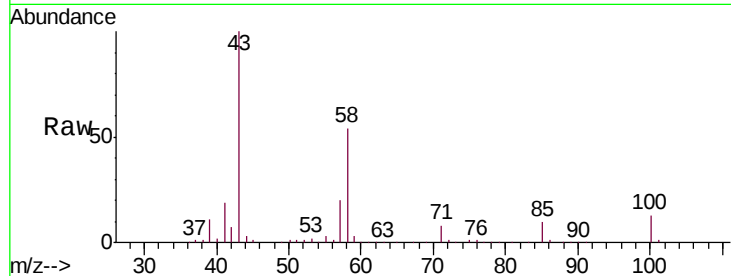
VSTDIC075

Tgt Ion: 43 Resp: 117985

Ion Ratio Lower Upper

43 100

58 54.2 27.4 82.0



#60

Dibromochloromethane

Concen: 68.668 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007908.D

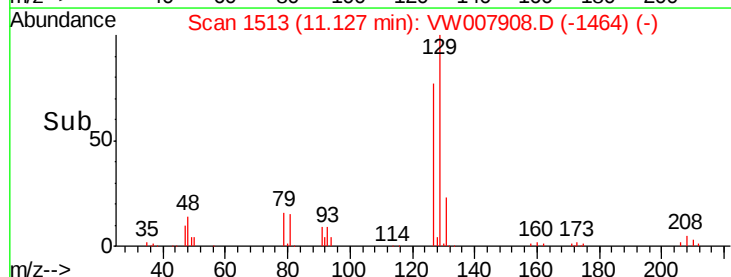
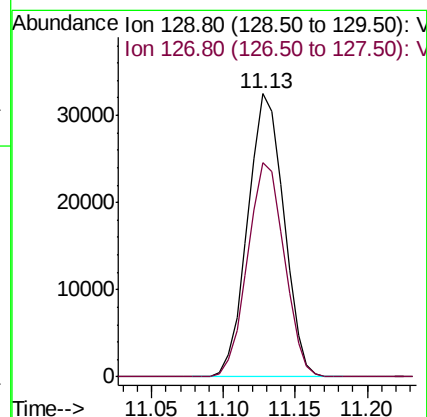
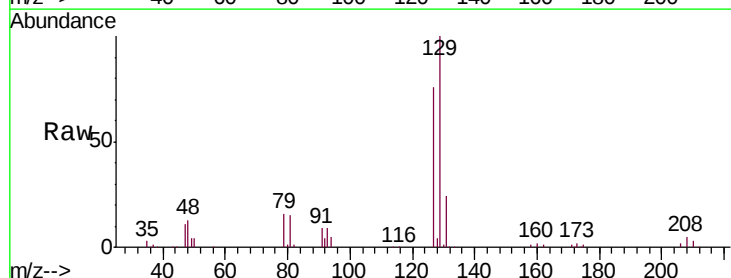
Acq: 25 Dec 2018 00:56

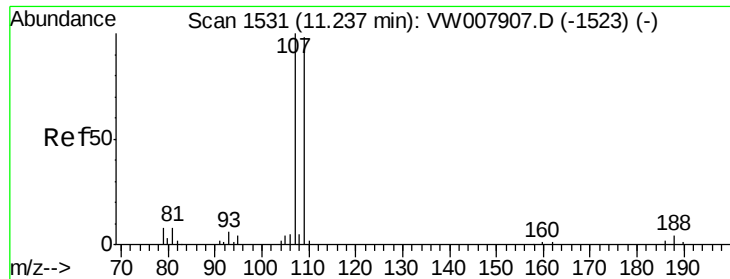
Tgt Ion: 129 Resp: 56380

Ion Ratio Lower Upper

129 100

127 76.9 38.0 113.9

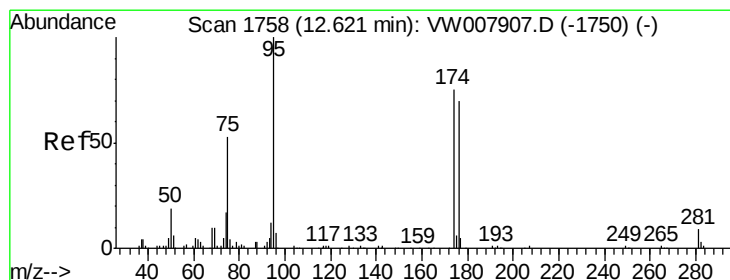
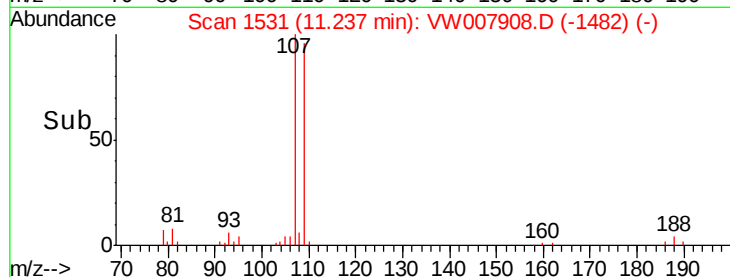
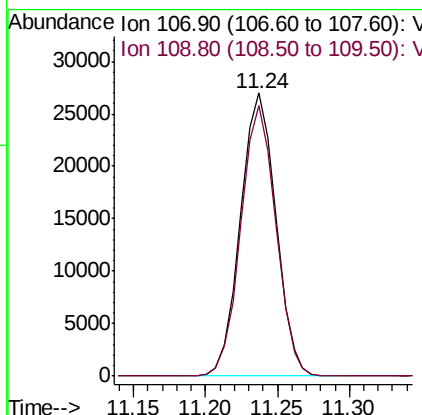
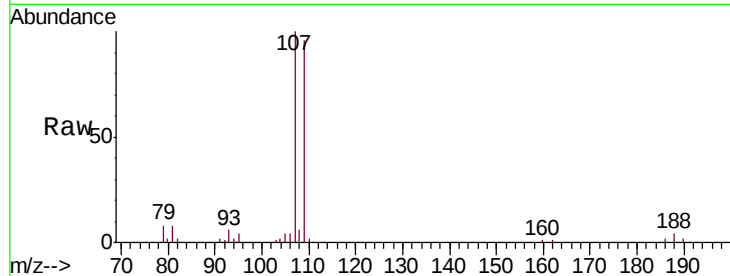




#61
 1,2-Dibromoethane
 Concen: 72.136 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

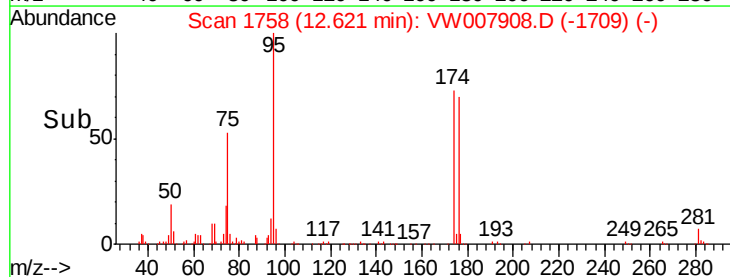
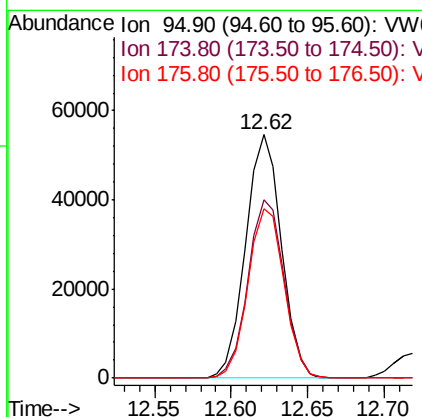
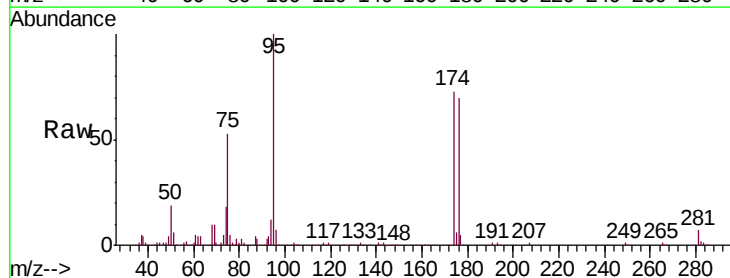
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

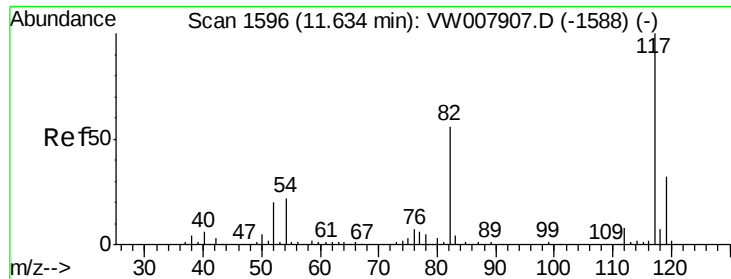
Tgt Ion: 107 Resp: 45972
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 76.689 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 95 Resp: 88562
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 145.4
 176 70.7 0.0 140.2

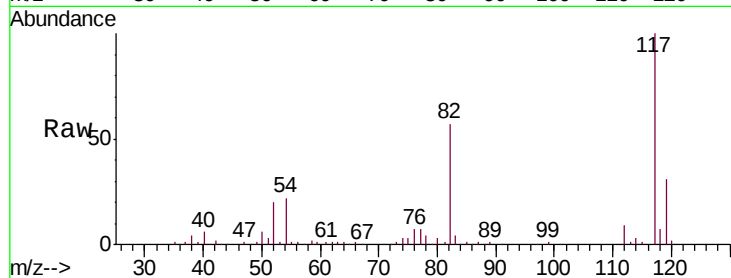




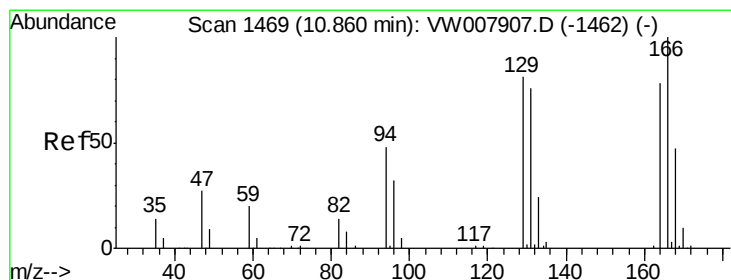
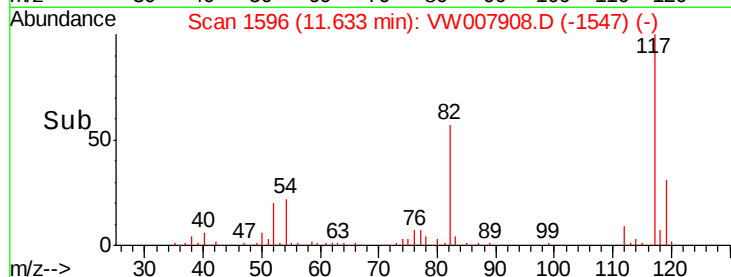
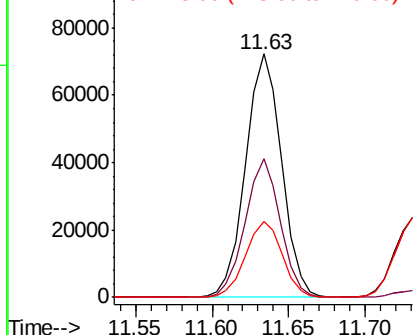
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:117 Resp: 118328
Ion Ratio Lower Upper
117 100
82 56.8 45.1 67.7
119 31.1 25.8 38.8

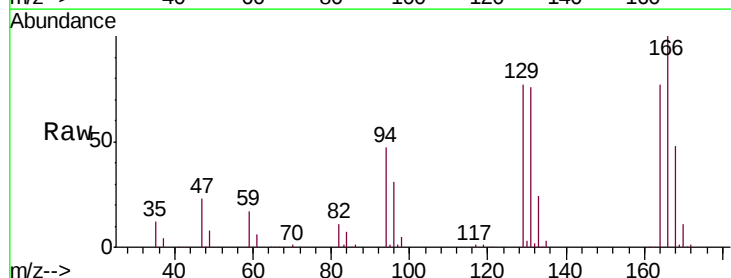


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

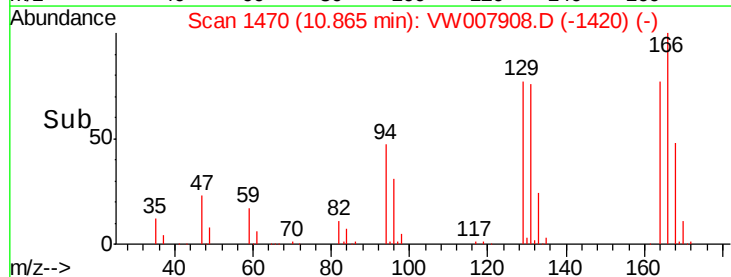
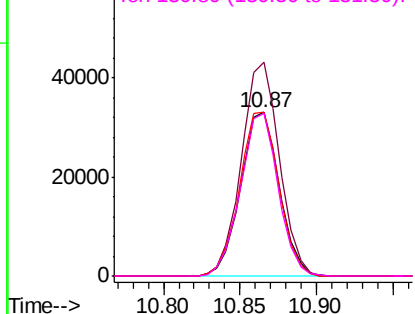


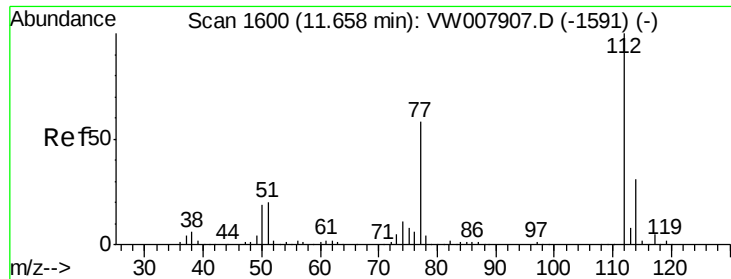
#64
Tetrachloroethene
Concen: 68.856 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion:164 Resp: 57789
Ion Ratio Lower Upper
164 100
166 130.4 102.1 153.1
129 100.2 82.3 123.5
131 99.2 77.6 116.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 68.708 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

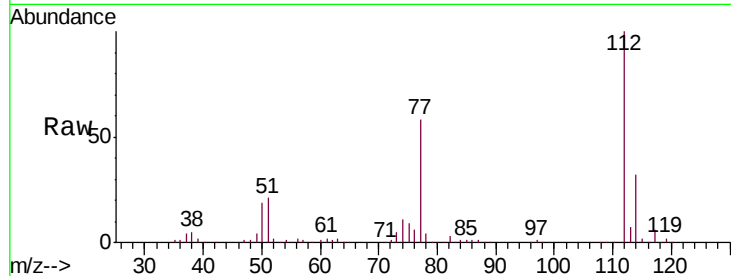
VSTDIC075

Tgt Ion:112 Resp: 176547

Ion Ratio Lower Upper

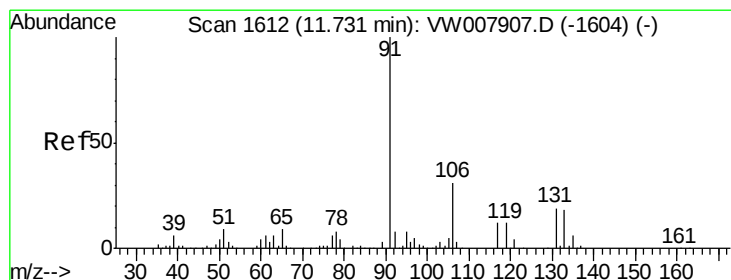
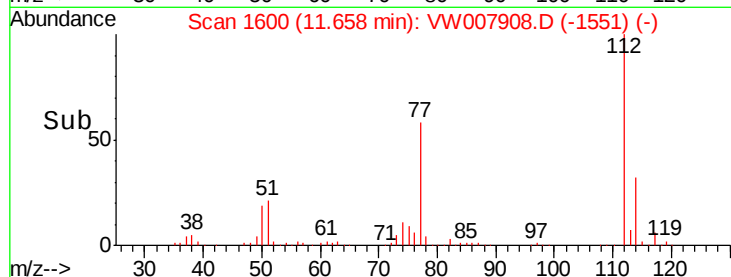
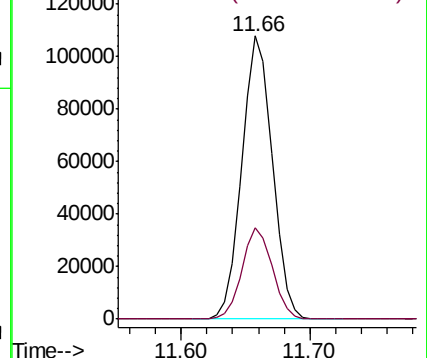
112 100

114 32.3 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 68.732 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

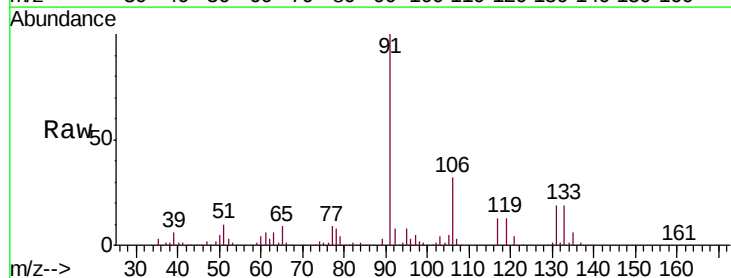
Tgt Ion:131 Resp: 62719

Ion Ratio Lower Upper

131 100

133 95.4 48.4 145.3

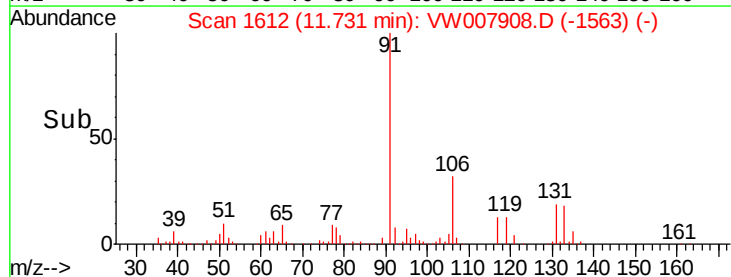
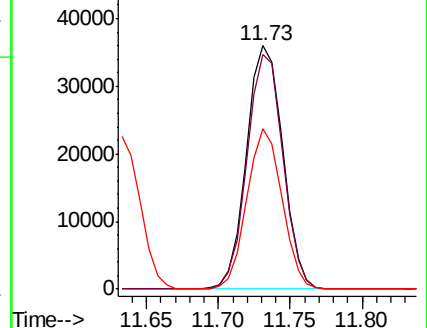
119 63.9 31.6 95.0

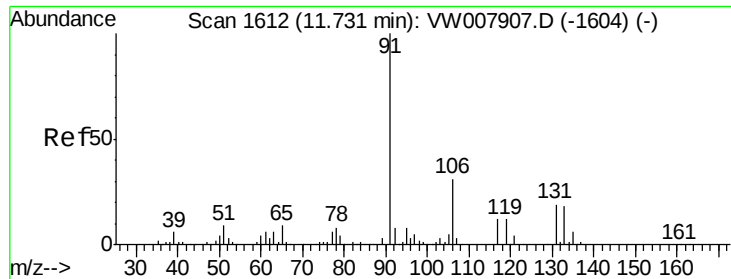


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

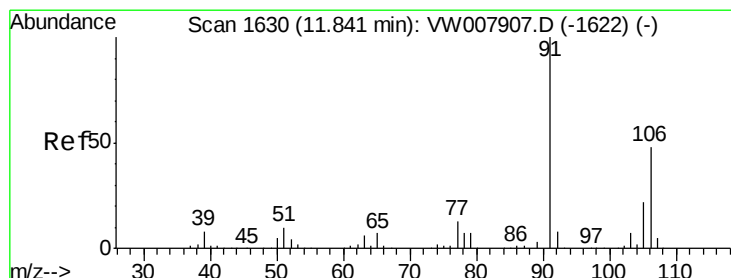
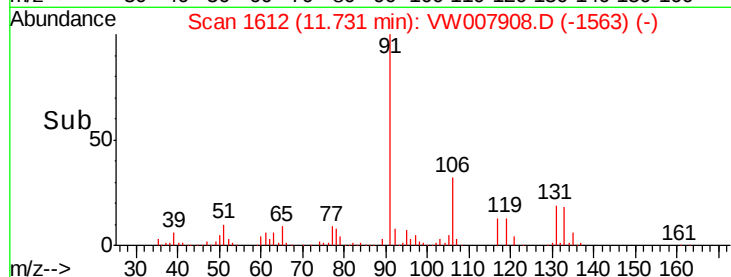
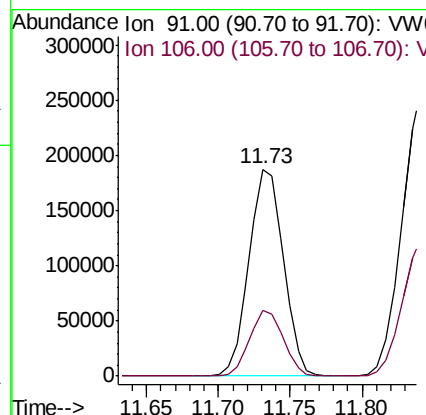
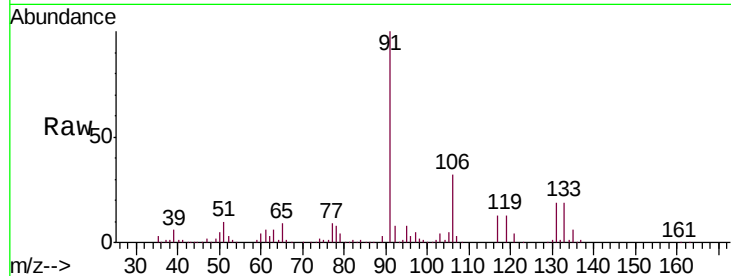




#67
Ethyl Benzene
Concen: 70.054 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

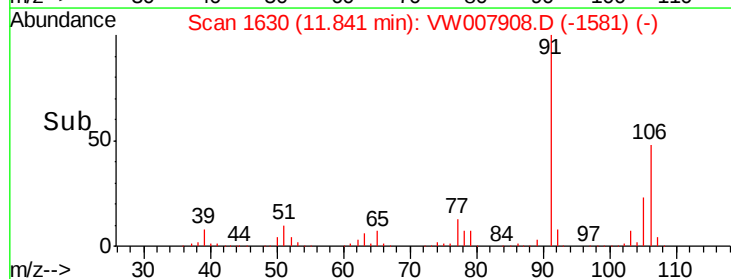
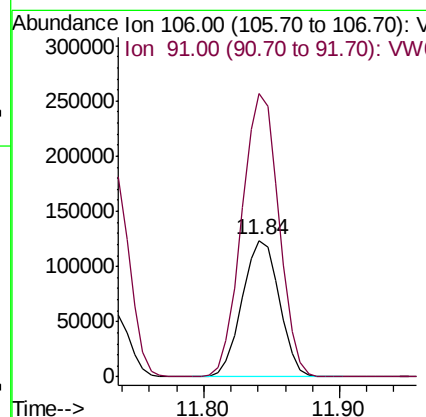
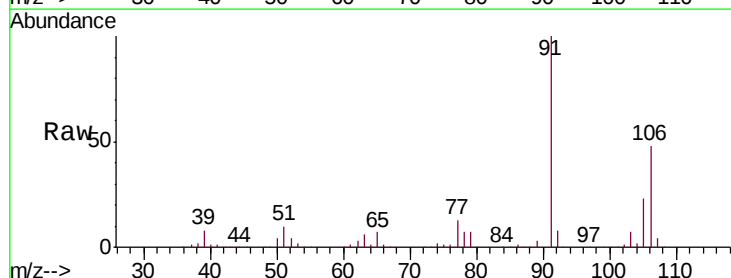
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

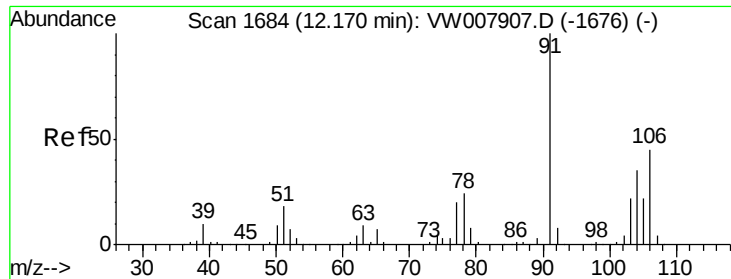
Tgt Ion: 91 Resp: 309772
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0



#68
m/p-Xylenes
Concen: 138.590 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 106 Resp: 236752
Ion Ratio Lower Upper
106 100
91 206.8 166.6 249.8

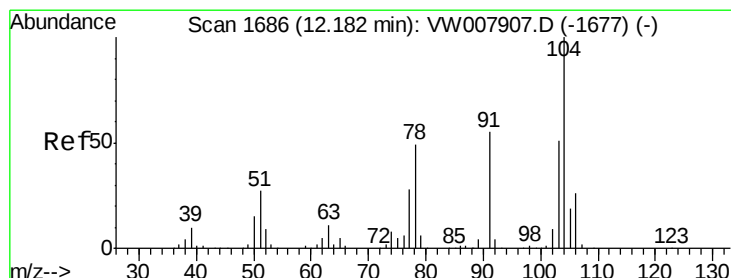
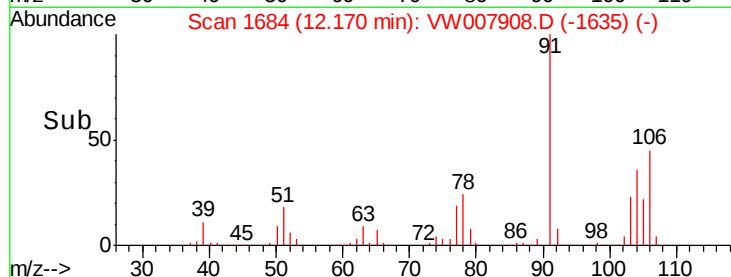
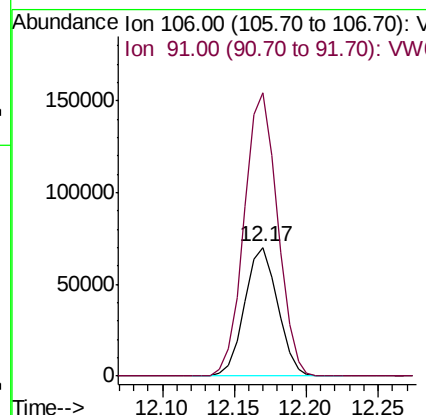
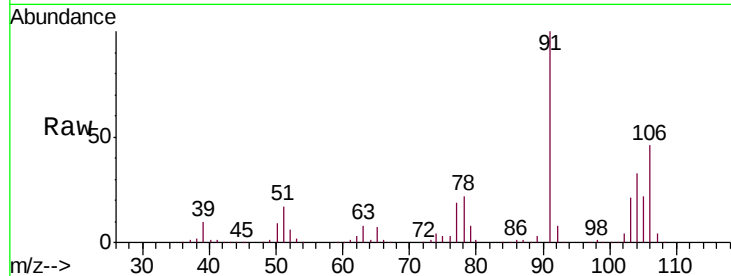




#69
o-Xylene
Concen: 69.914 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

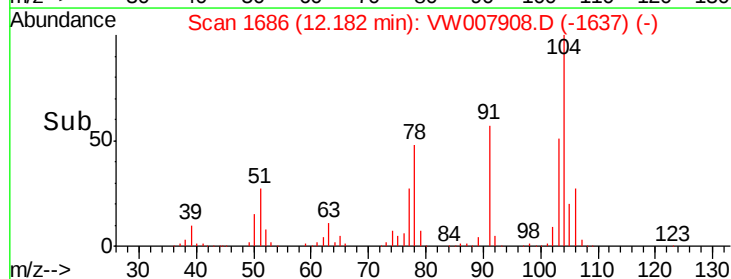
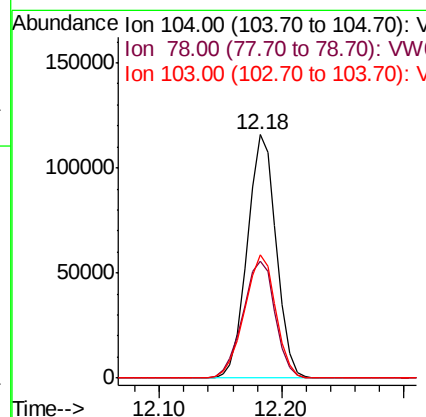
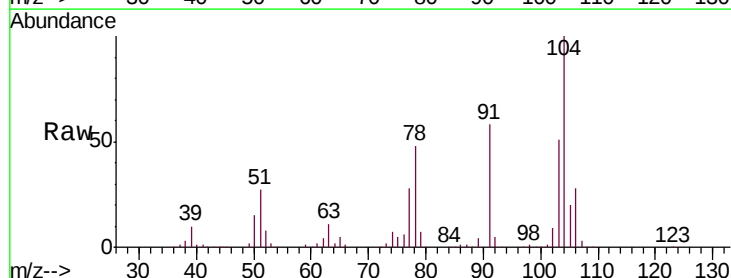
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

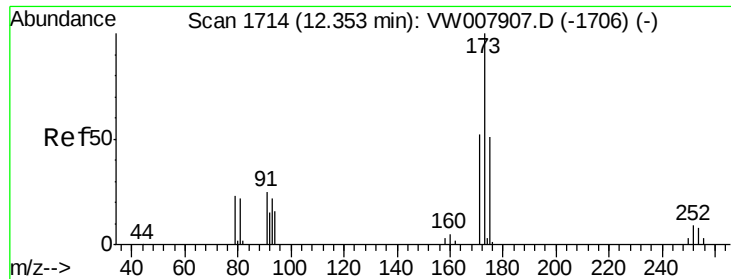
Tgt Ion:106 Resp: 112198
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0



#70
Styrene
Concen: 71.951 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion:104 Resp: 189960
Ion Ratio Lower Upper
104 100
78 53.5 43.1 64.7
103 54.7 44.1 66.1





#71

Bromoform

Concen: 66.289 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

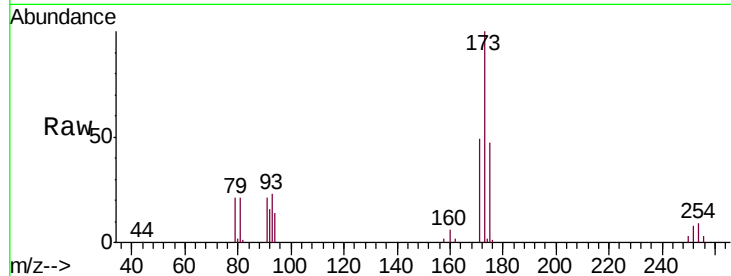
Tgt Ion:173 Resp: 30847

Ion Ratio Lower Upper

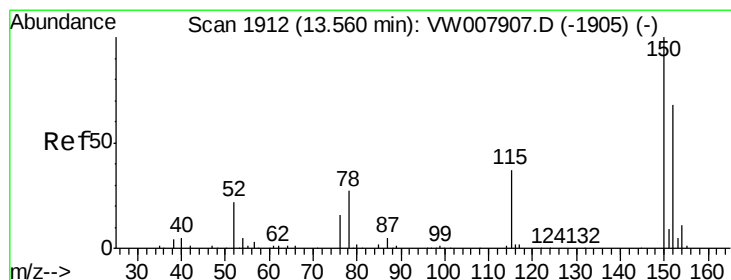
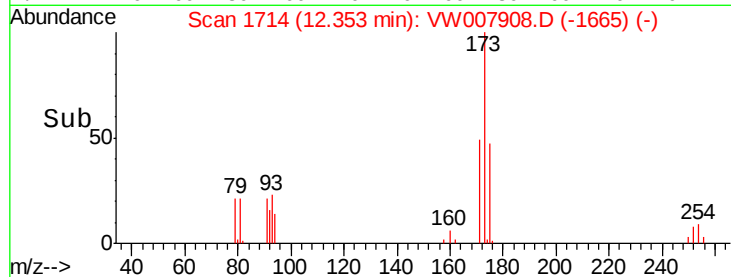
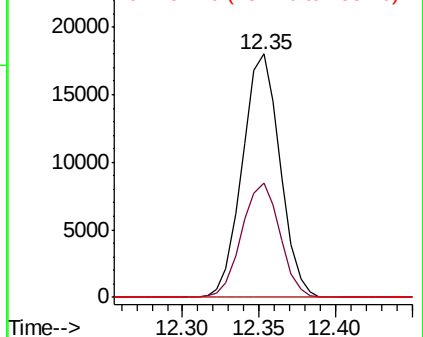
173 100

175 47.5 24.9 74.7

254 0.1 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: VW007908.D

Acq: 25 Dec 2018 00:56

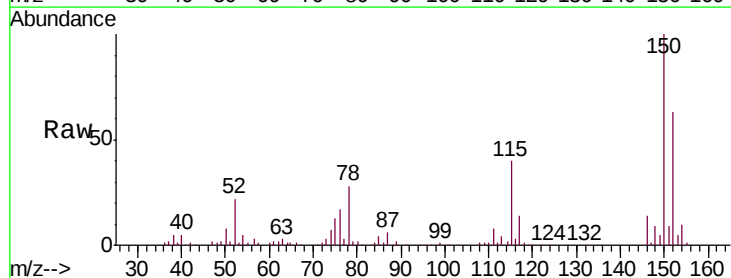
Tgt Ion:152 Resp: 57420

Ion Ratio Lower Upper

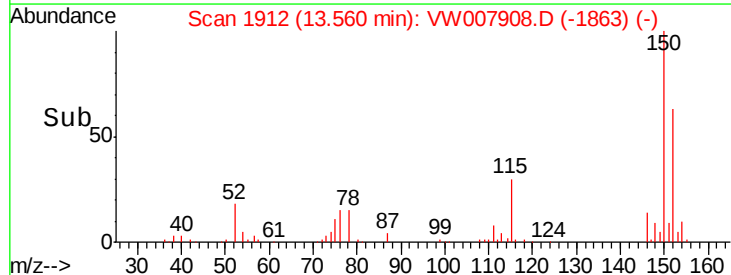
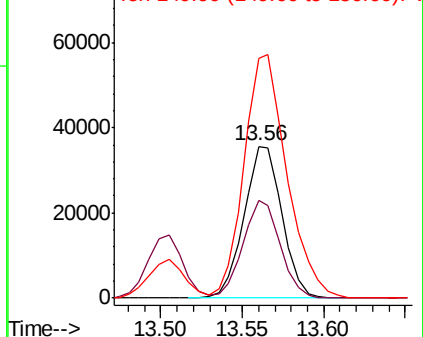
152 100

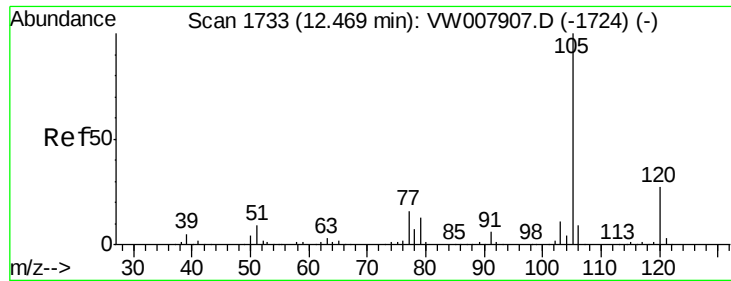
115 63.4 31.9 95.9

150 181.7 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 71.684 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

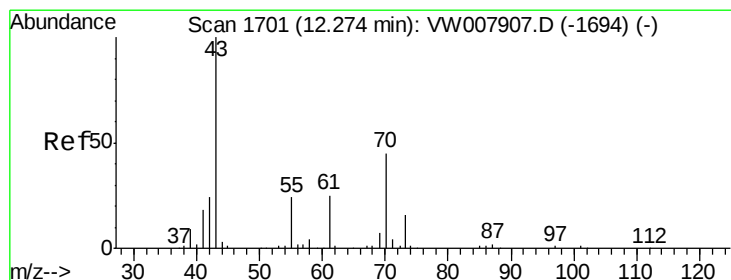
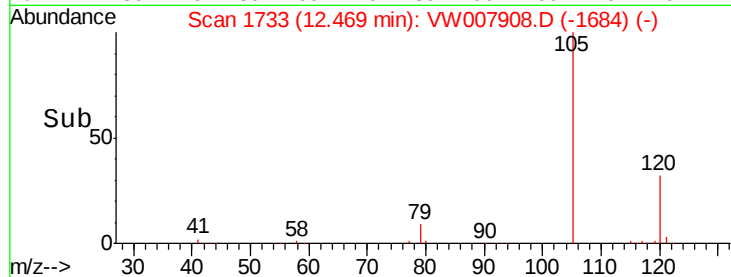
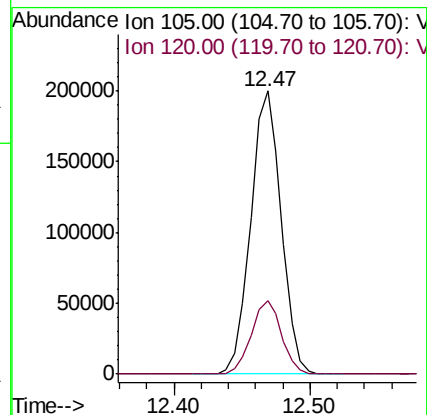
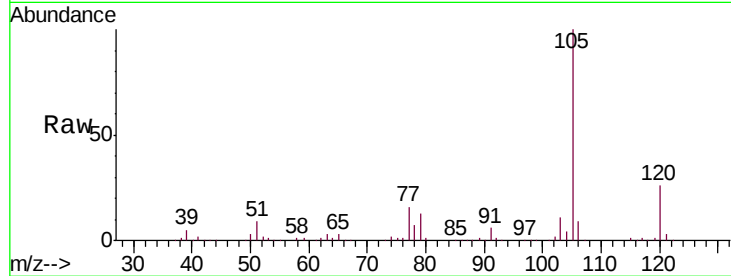
VSTDIC075

Tgt Ion: 105 Resp: 313456

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.3



#74

N-ethyl acetate

Concen: 83.909 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Tgt Ion: 43 Resp: 65591

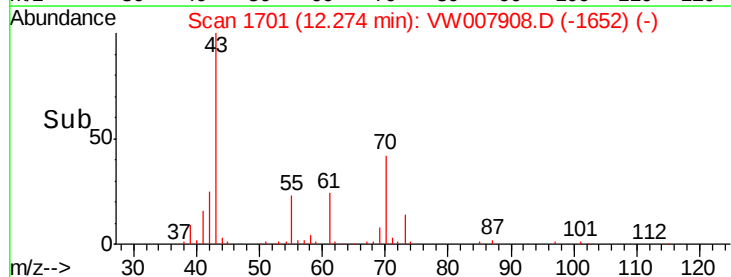
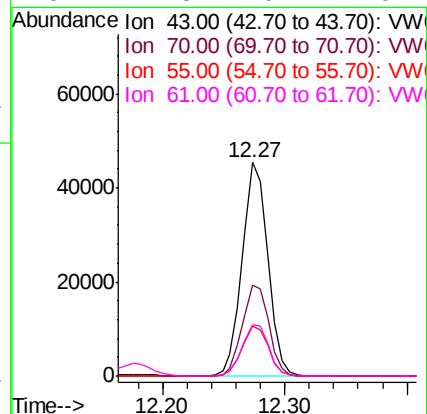
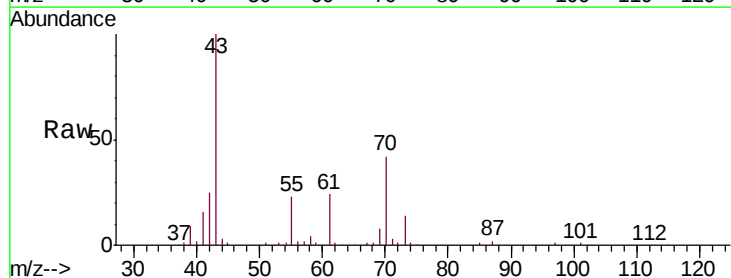
Ion Ratio Lower Upper

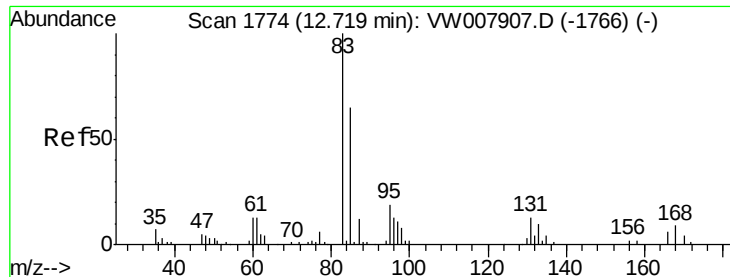
43 100

70 43.9 35.4 53.0

55 24.2 19.3 28.9

61 24.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 76.353 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

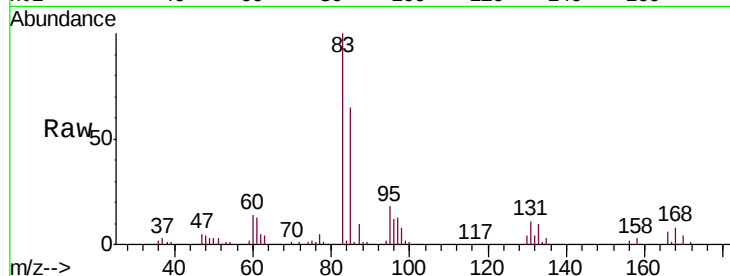
Tgt Ion: 83 Resp: 50731

Ion Ratio Lower Upper

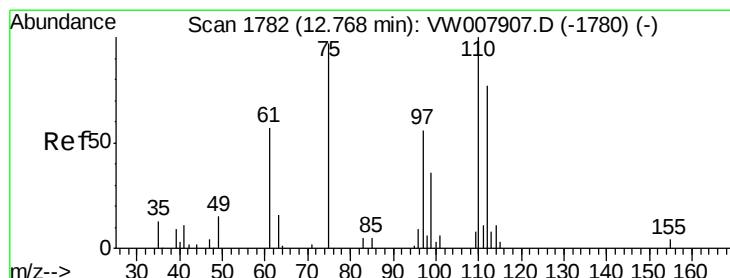
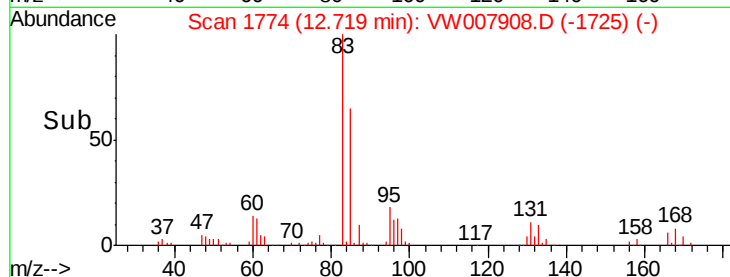
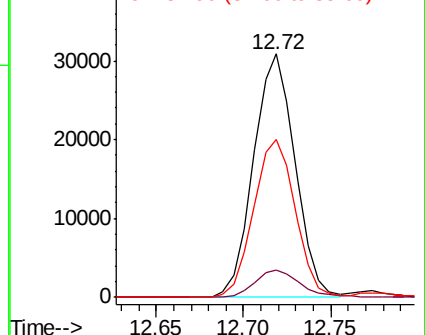
83 100

131 12.3 6.2 18.4

85 65.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 155.210 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007908.D

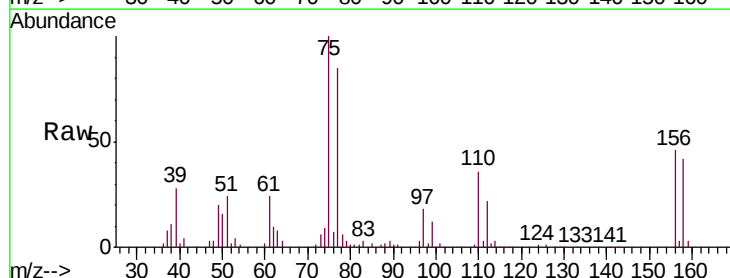
Acq: 25 Dec 2018 00:56

Tgt Ion: 75 Resp: 70837

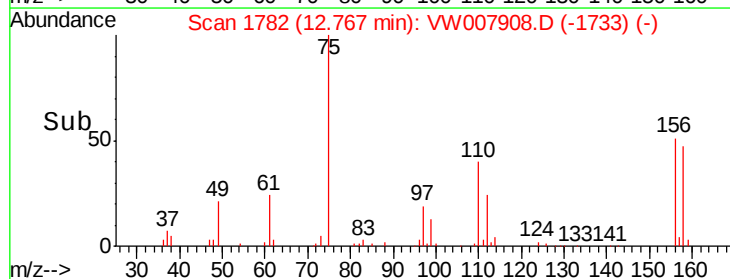
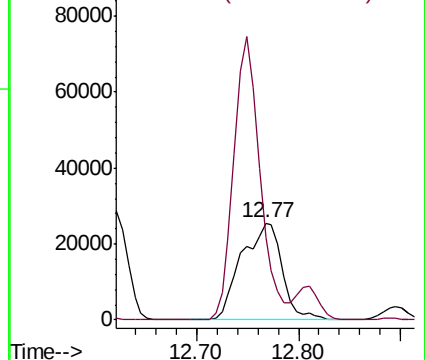
Ion Ratio Lower Upper

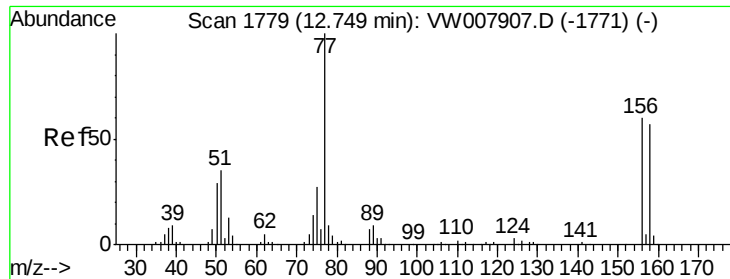
75 100

77 186.8 165.9 497.7



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

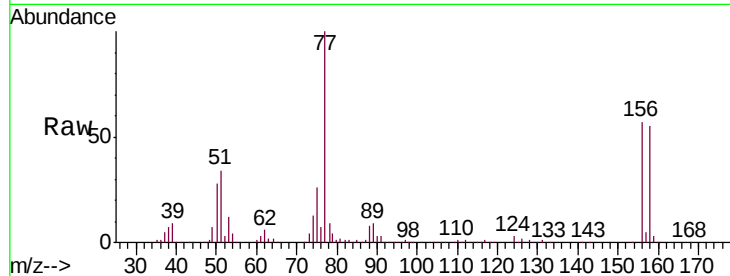




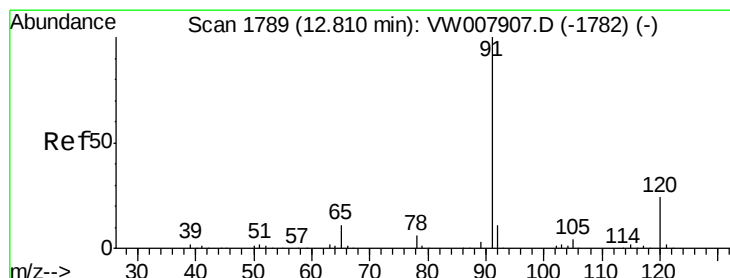
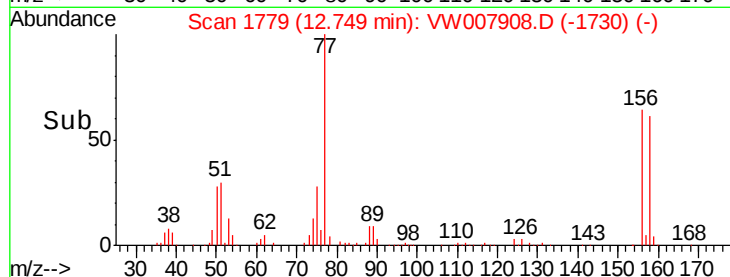
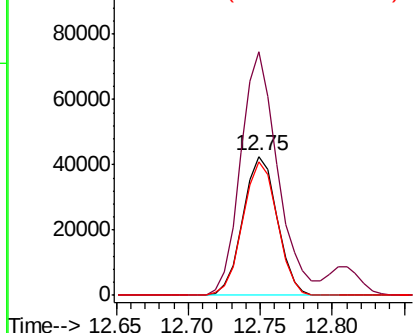
#77
Bromobenzene
Concen: 70.284 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 156 Resp: 70287
Ion Ratio Lower Upper
156 100
77 188.2 94.0 282.0
158 96.3 48.6 145.8

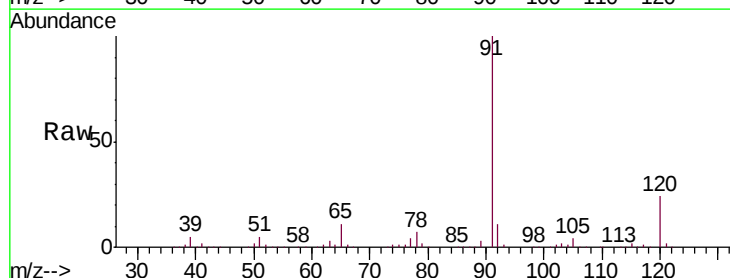


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

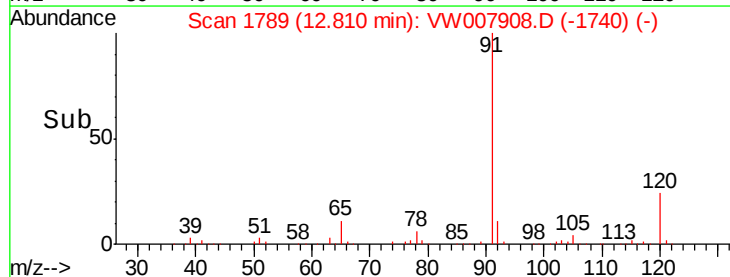
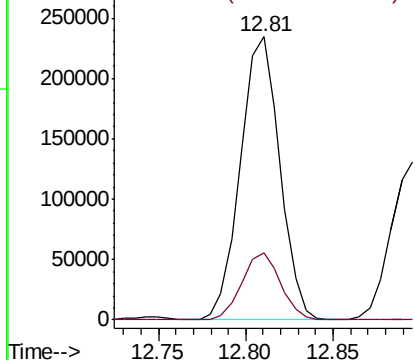


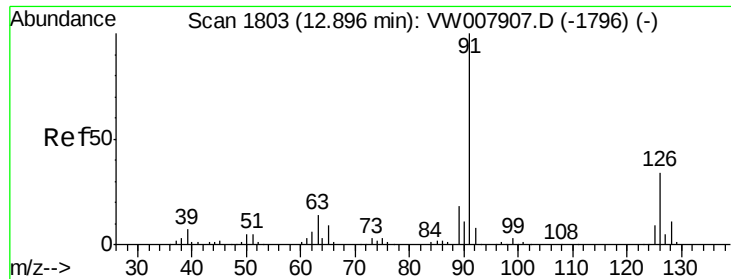
#78
n-propylbenzene
Concen: 71.891 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 91 Resp: 366158
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

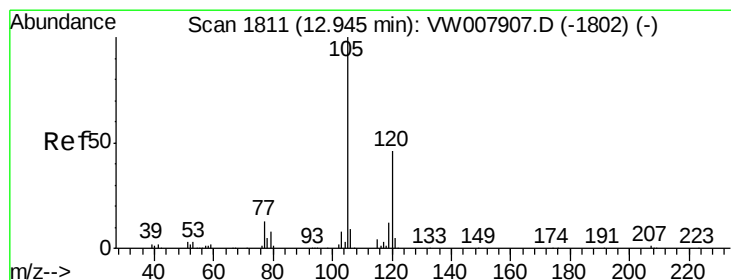
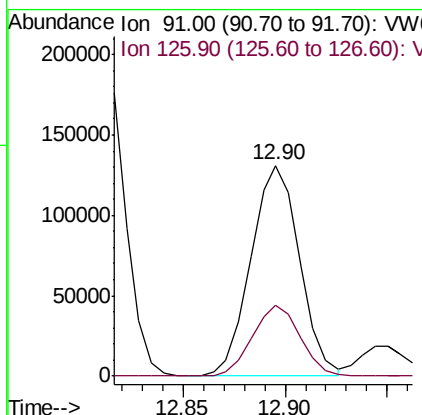
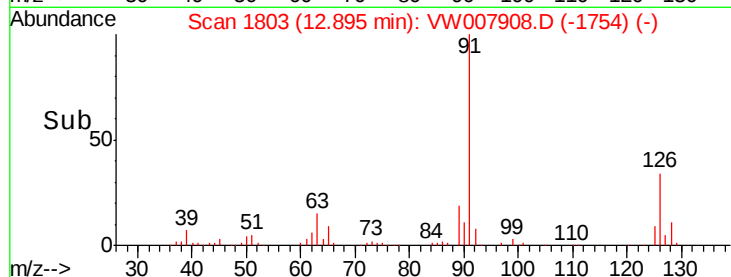
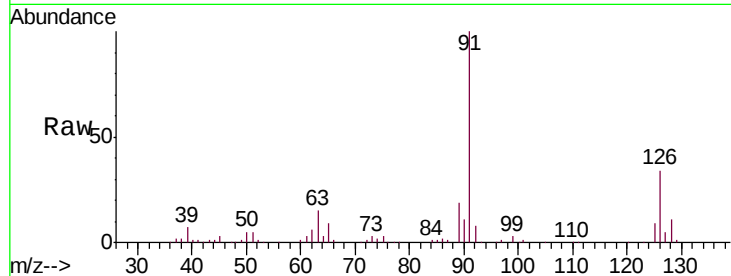




#79
 2-Chlorotoluene
 Concen: 72.613 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

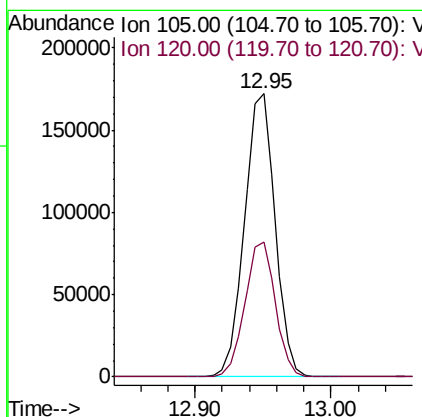
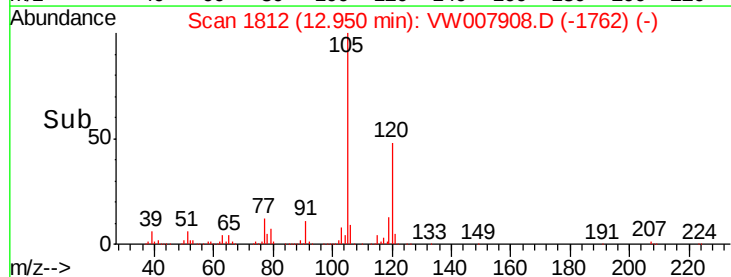
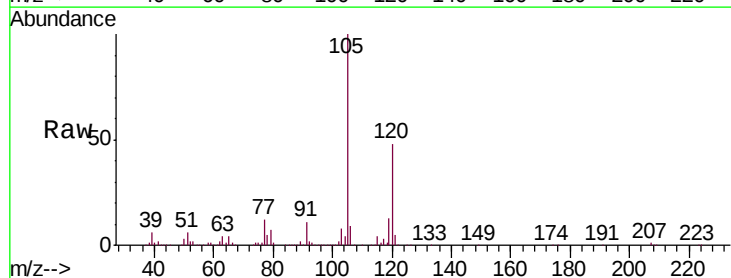
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

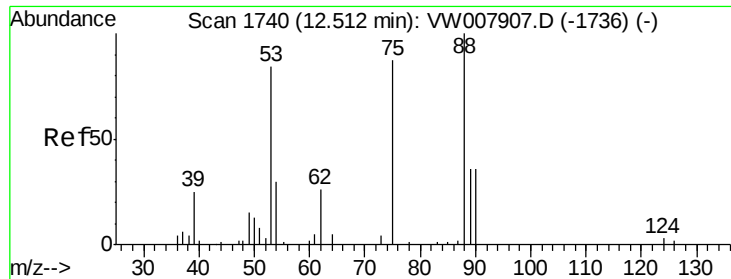
Tgt Ion: 91 Resp: 216540
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 71.787 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 105 Resp: 270793
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.0

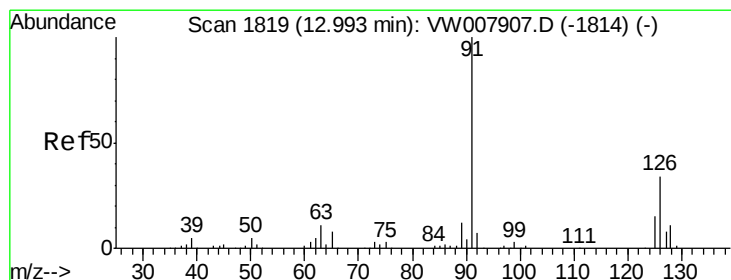
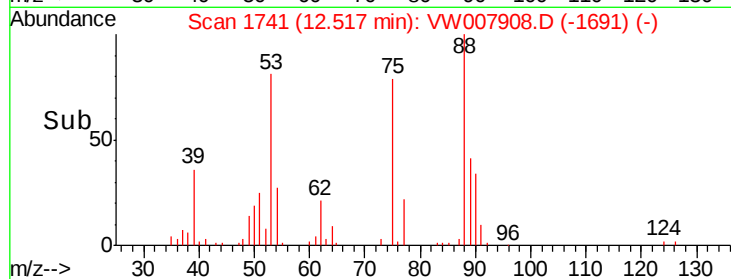
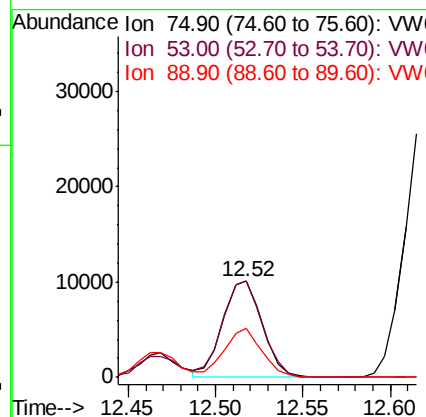
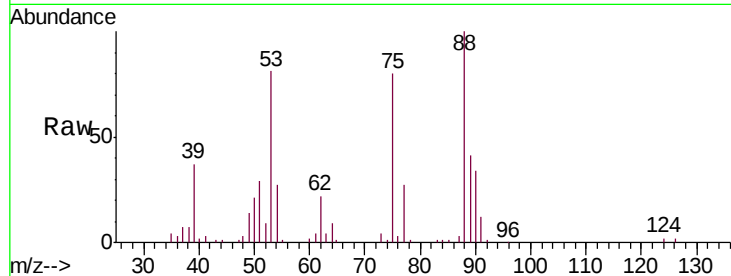




#81
trans-1,4-Dichloro-2-butene
Concen: 74.910 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

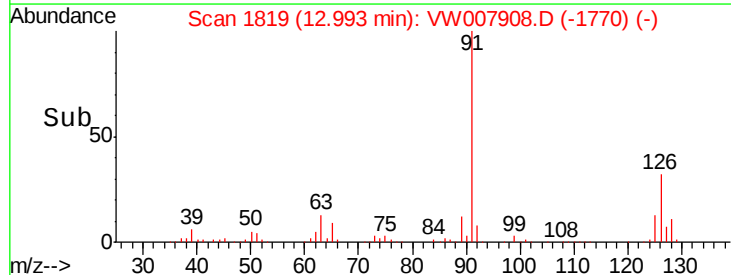
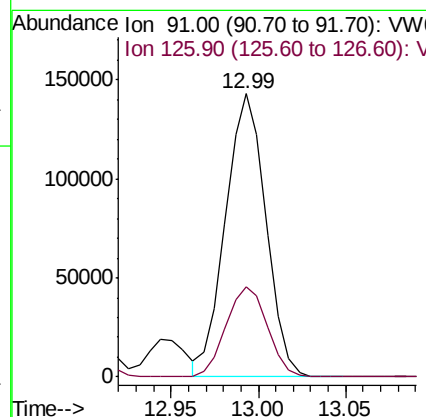
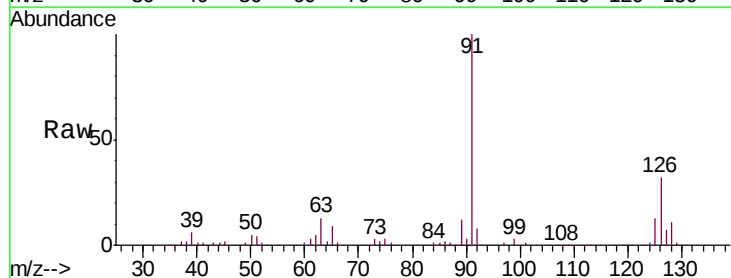
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

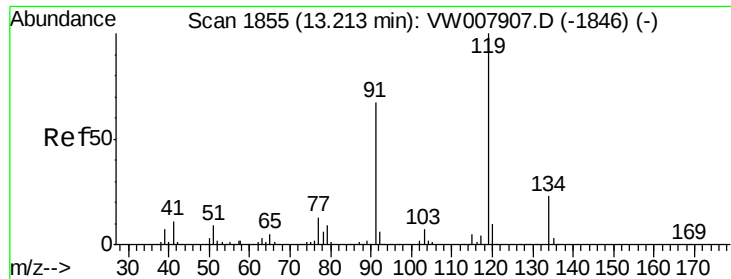
Tgt Ion: 75 Resp: 15904
Ion Ratio Lower Upper
75 100
53 100.5 79.8 119.8
89 48.6 37.1 55.7



#82
4-Chlorotoluene
Concen: 72.429 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 91 Resp: 228916
Ion Ratio Lower Upper
91 100
126 32.6 16.5 49.5

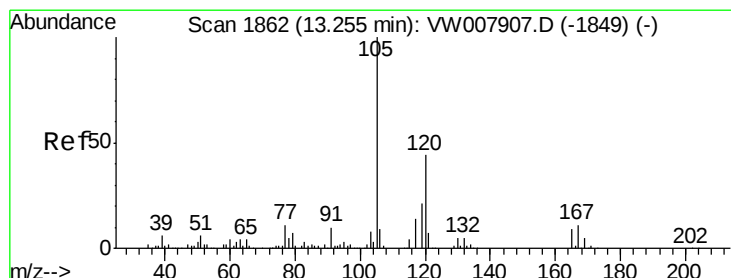
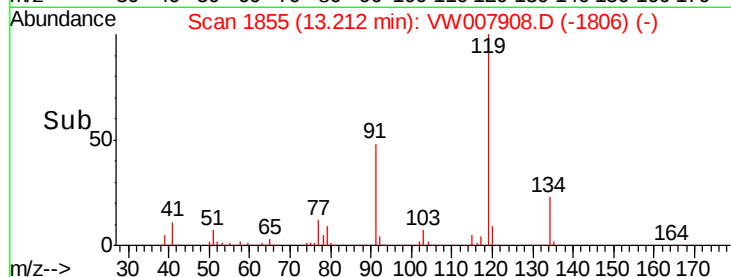
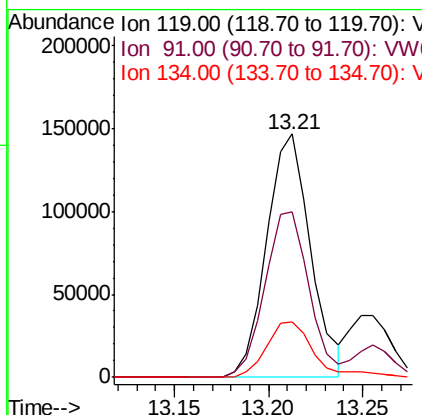
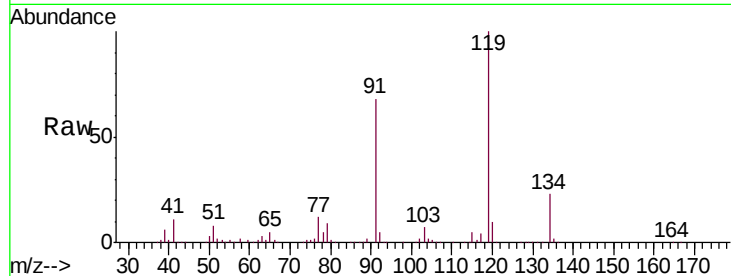




#83
 tert-Butylbenzene
 Concen: 71.824 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

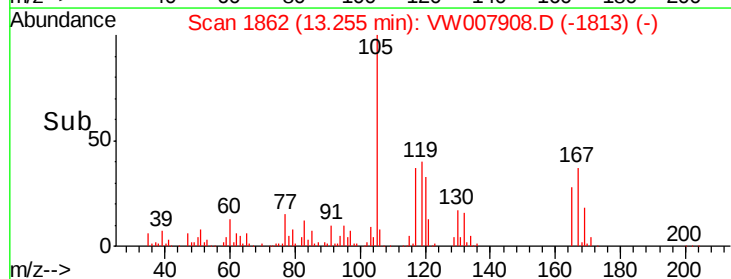
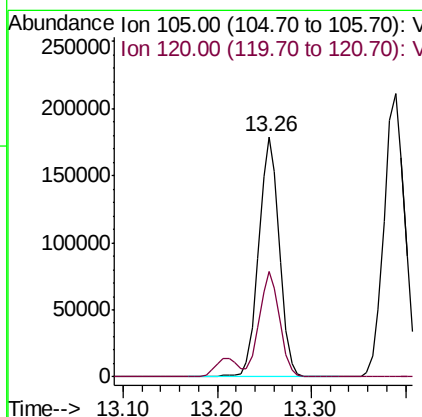
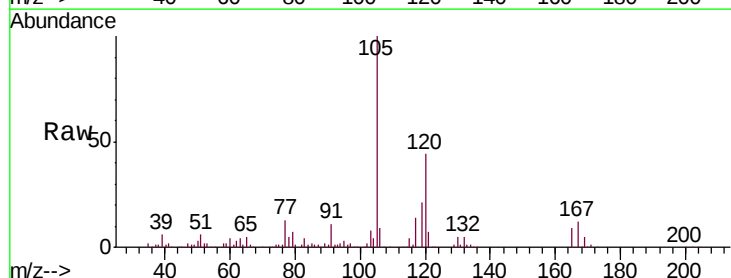
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

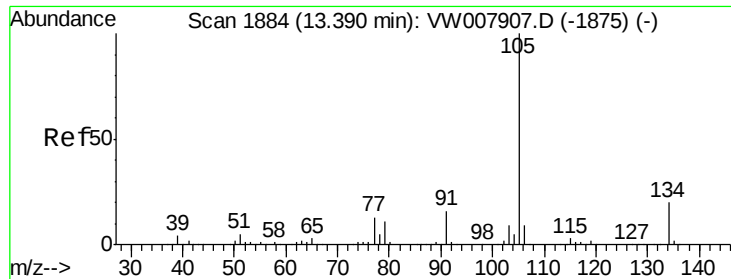
Tgt Ion:119 Resp: 237682
 Ion Ratio Lower Upper
 119 100
 91 68.3 33.8 101.3
 134 25.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 72.712 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion:105 Resp: 276921
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.1 66.5

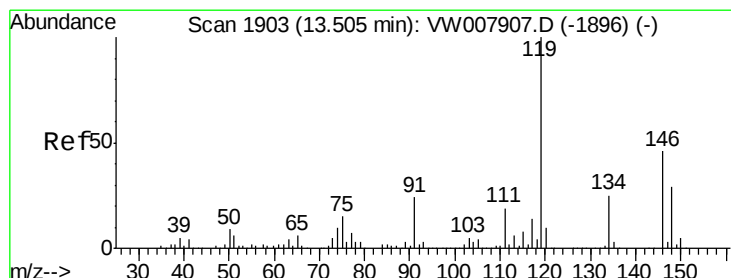
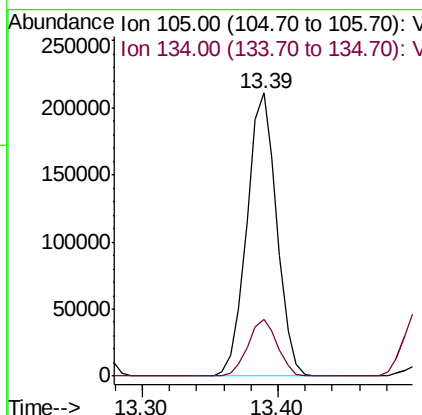
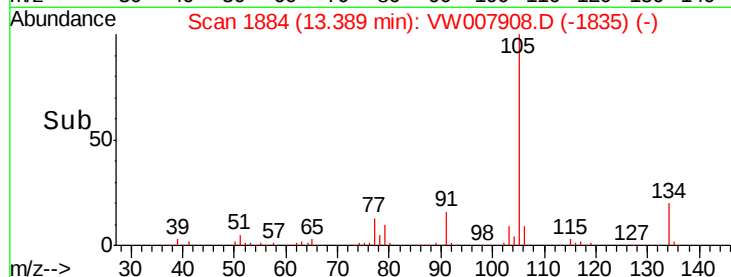
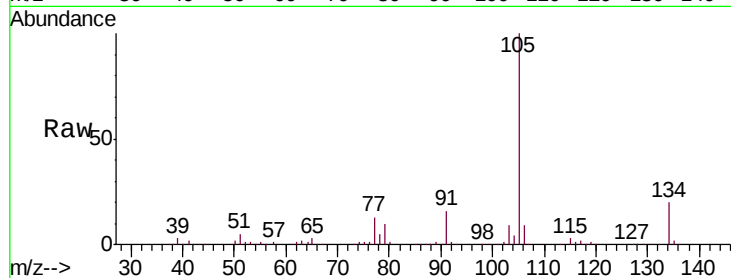




#85
 sec-Butylbenzene
 Concen: 71.192 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

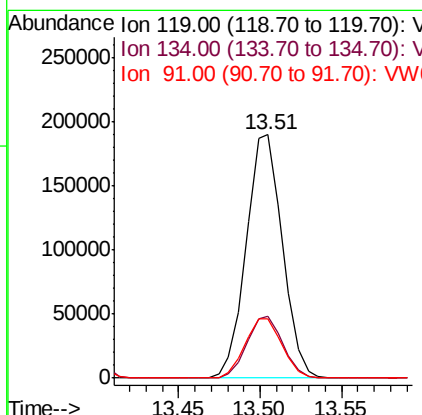
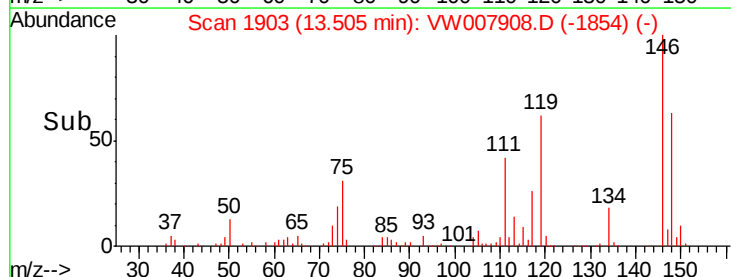
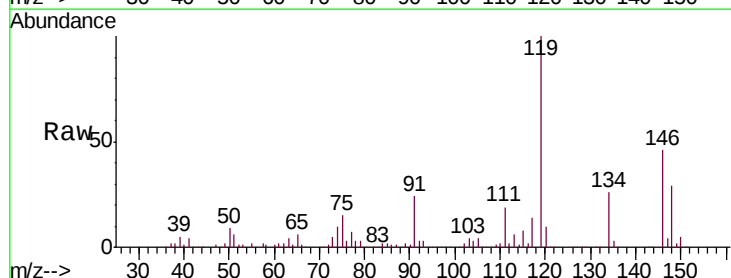
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

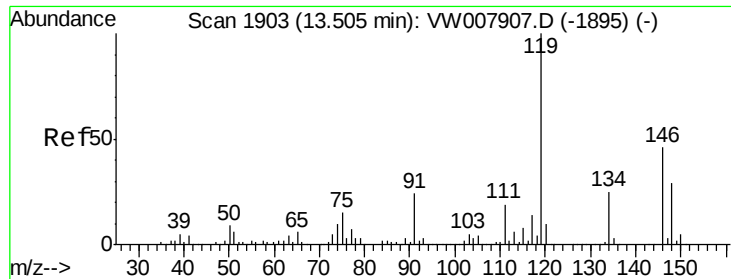
Tgt Ion:105 Resp: 324308
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 70.802 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion:119 Resp: 292714
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.1 12.7 38.1

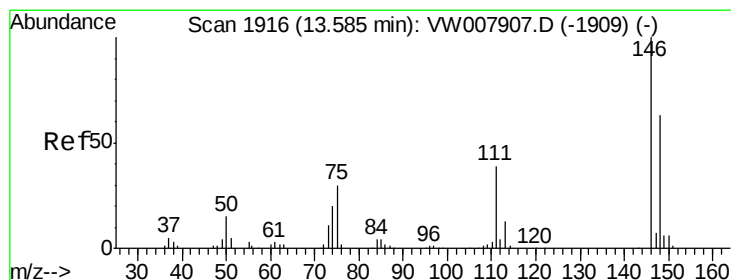
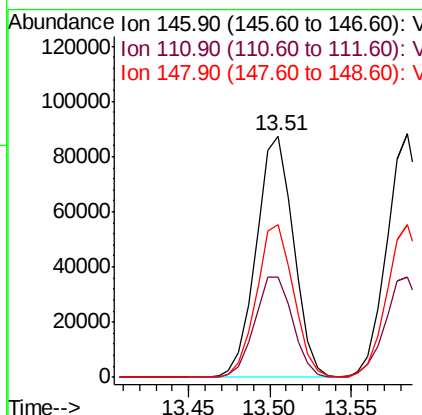
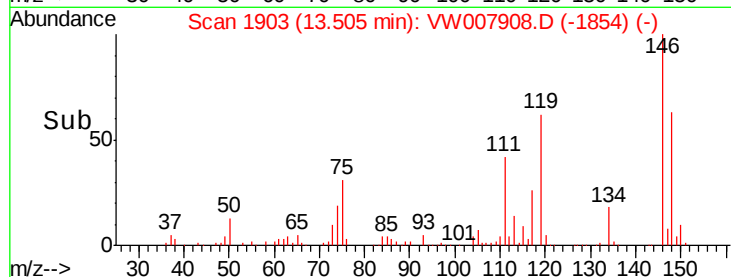
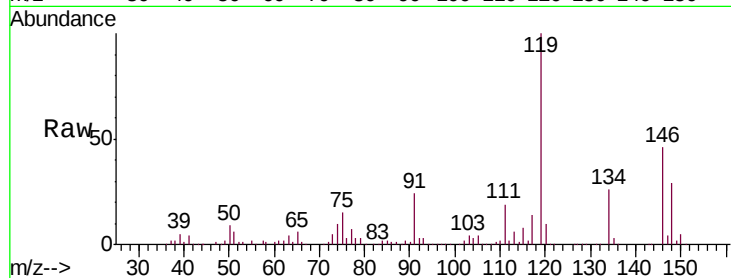




#87
 1,3-Dichlorobenzene
 Concen: 69.941 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

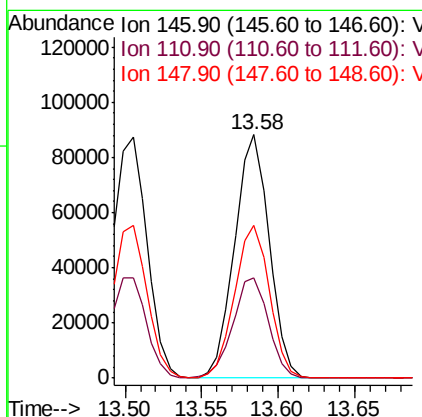
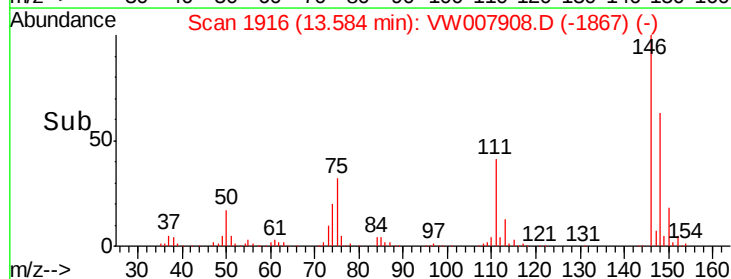
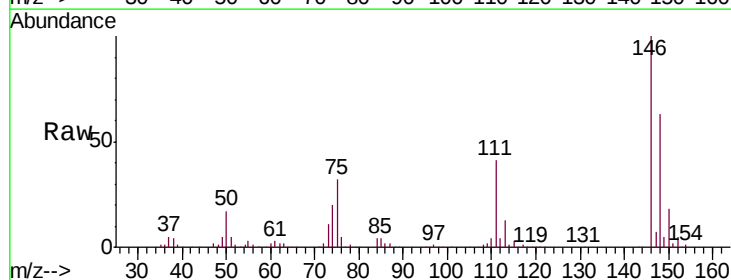
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

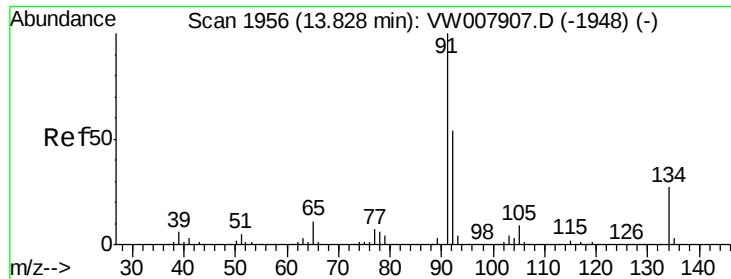
Tgt Ion:146 Resp: 139097
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.4 64.2
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 70.051 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion:146 Resp: 138887
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.5
 148 63.2 31.9 95.5





#89

n-Butylbenzene

Concen: 70.257 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

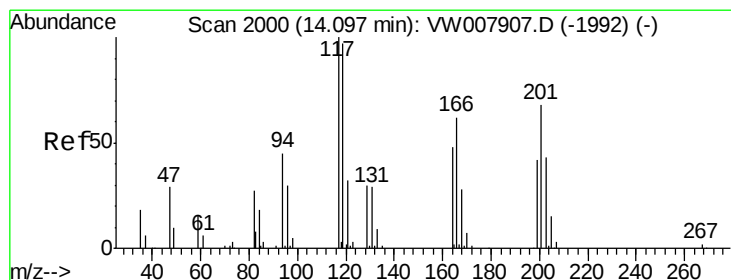
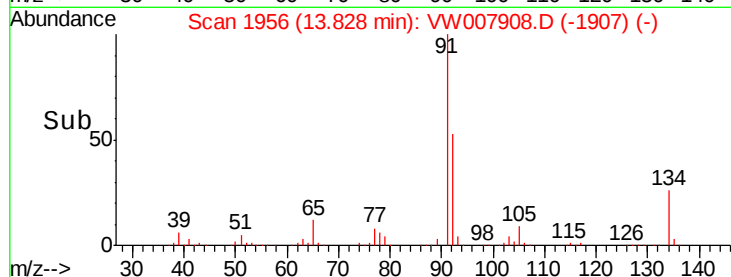
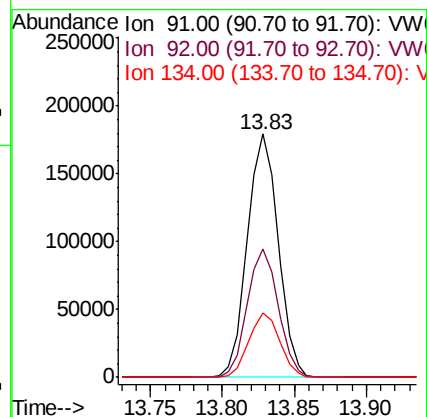
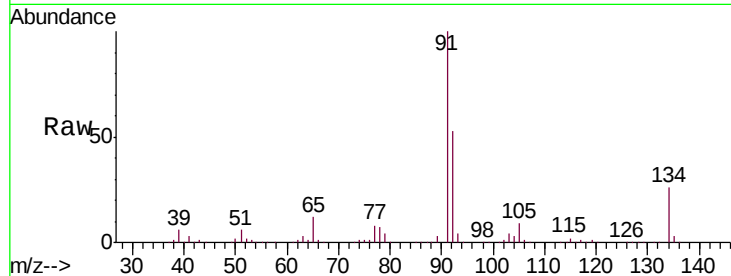
Tgt Ion: 91 Resp: 266498

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 26.4 13.2 39.5



#90

Hexachloroethane

Concen: 66.475 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007908.D

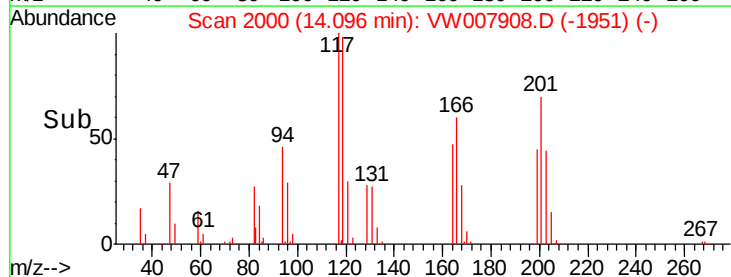
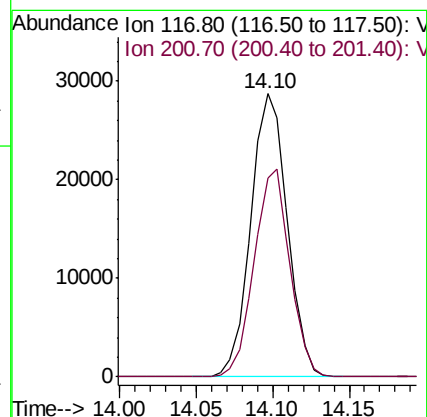
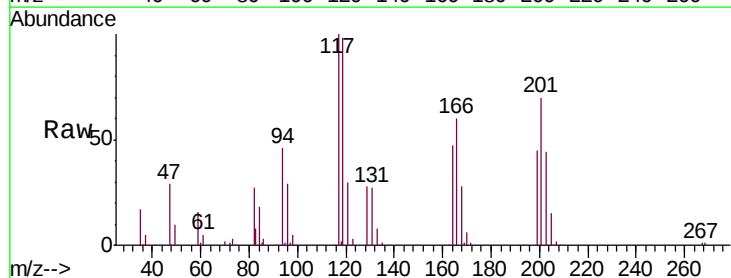
Acq: 25 Dec 2018 00:56

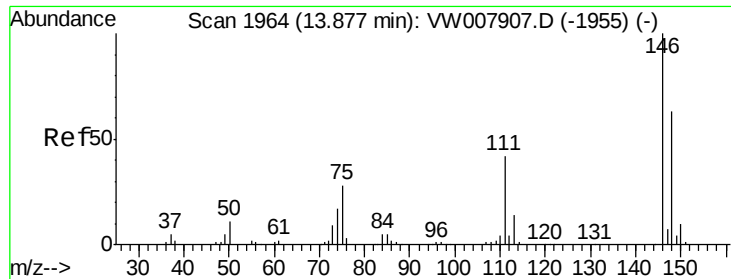
Tgt Ion: 117 Resp: 47610

Ion Ratio Lower Upper

117 100

201 71.9 35.0 105.0





#91

1,2-Dichlorobenzene

Concen: 71.080 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

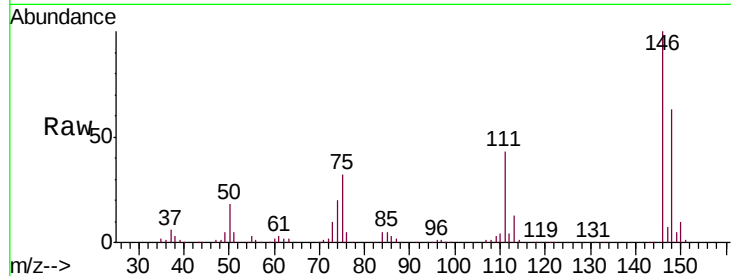
Tgt Ion:146 Resp: 126474

Ion Ratio Lower Upper

146 100

111 44.0 22.0 66.0

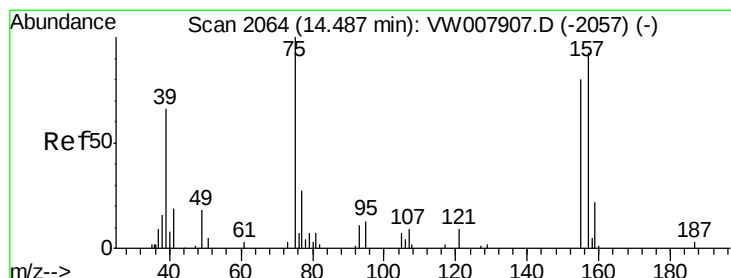
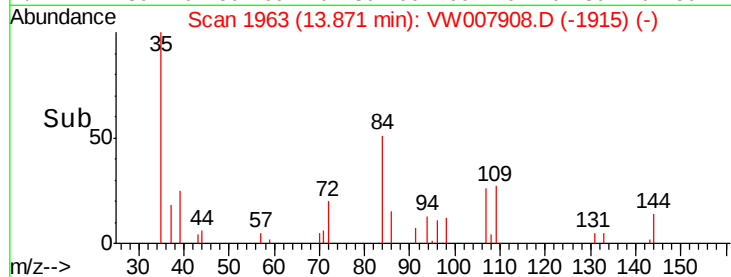
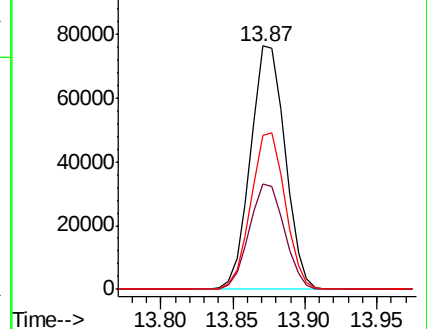
148 63.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 73.407 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

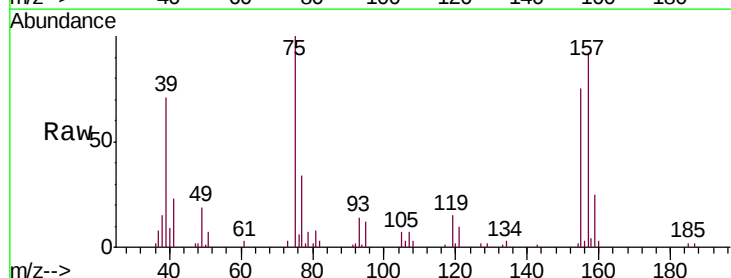
Tgt Ion: 75 Resp: 9922

Ion Ratio Lower Upper

75 100

155 77.8 38.8 116.3

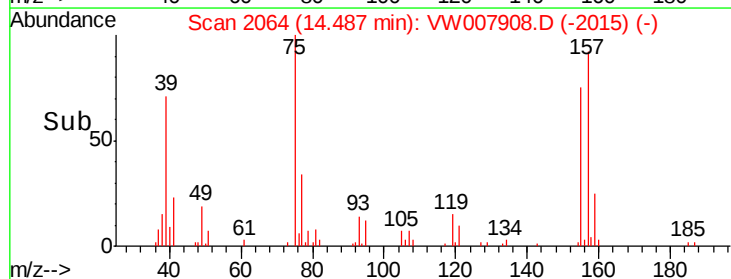
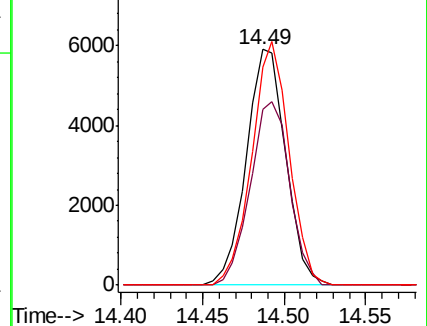
157 97.8 48.1 144.3

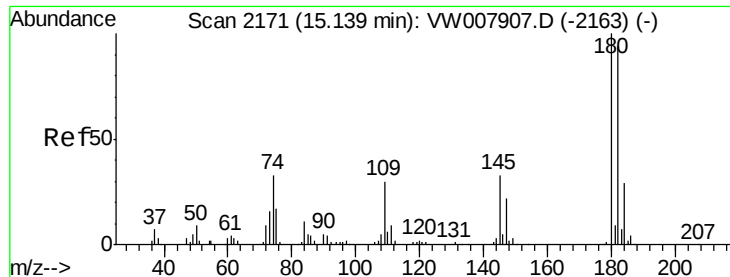


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

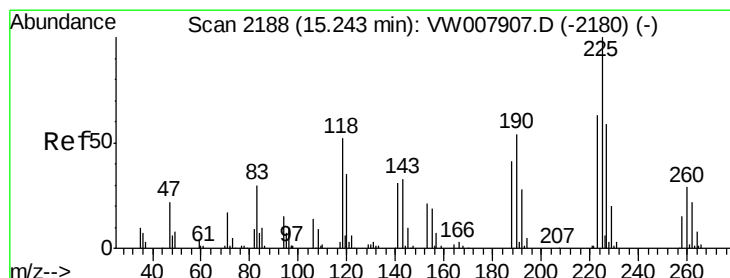
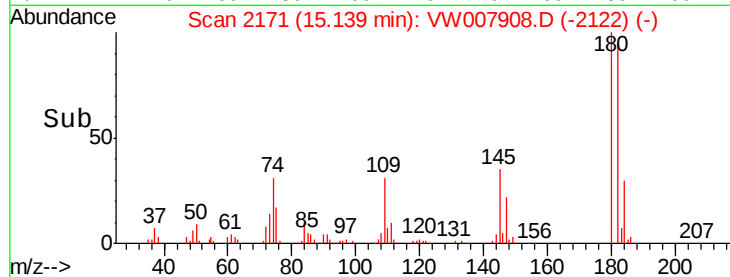
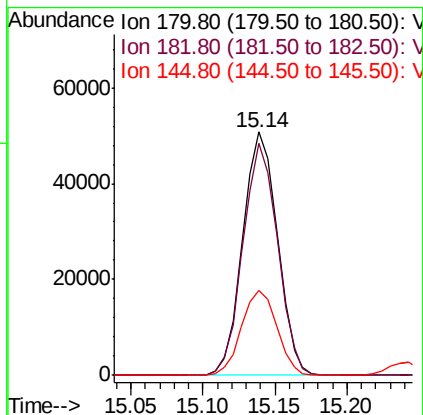
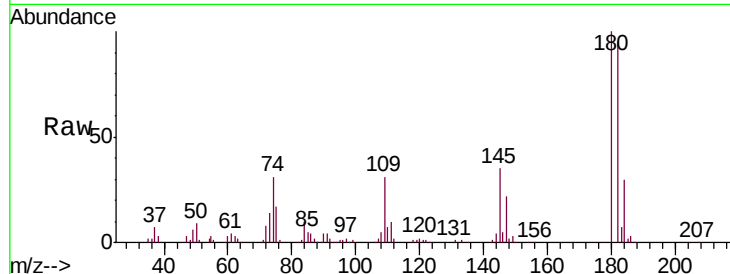




#93
 1,2,4-Trichlorobenzene
 Concen: 69.049 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

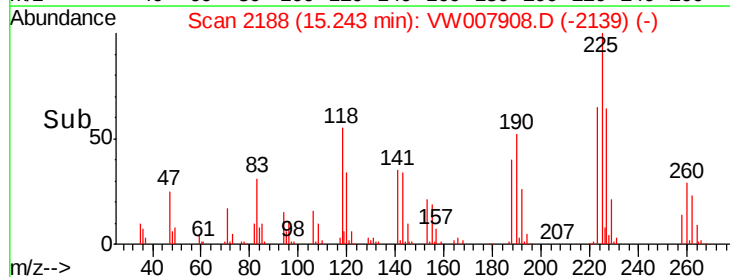
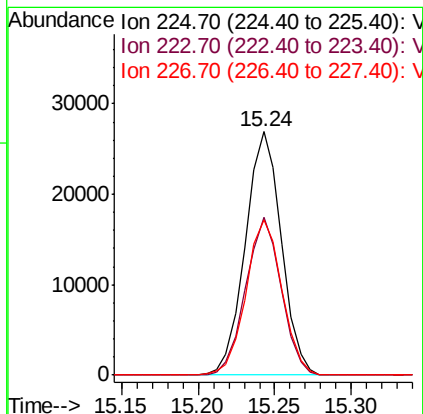
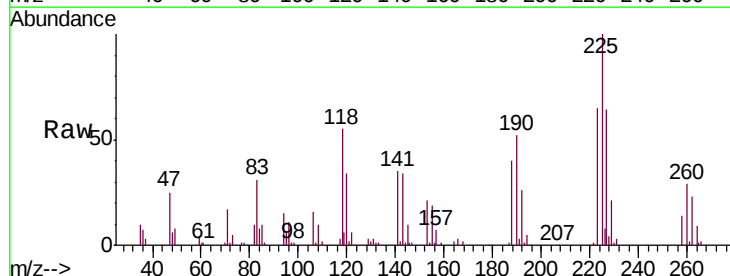
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

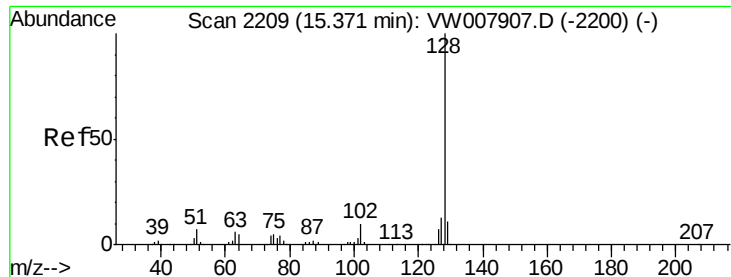
Tgt Ion:180 Resp: 84866
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.9
 145 35.4 17.2 51.6



#94
 Hexachlorobutadiene
 Concen: 67.252 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion:225 Resp: 44087
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.4 94.0
 227 63.5 30.6 91.6

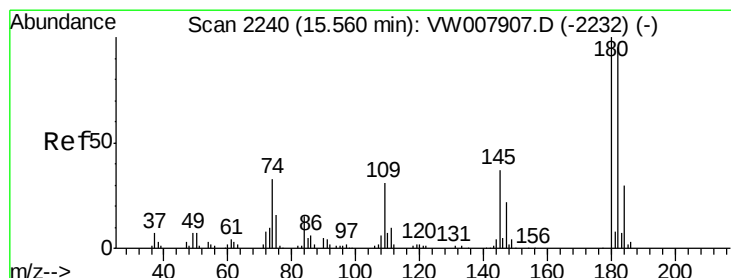
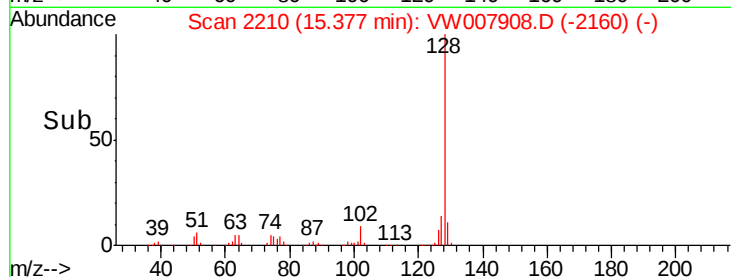
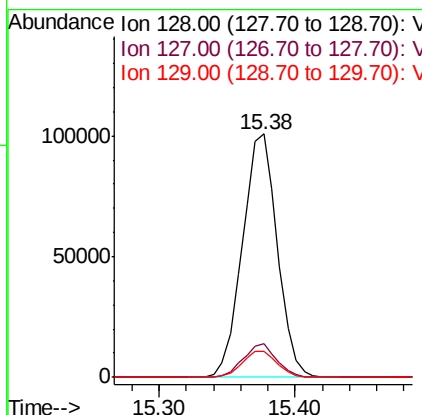
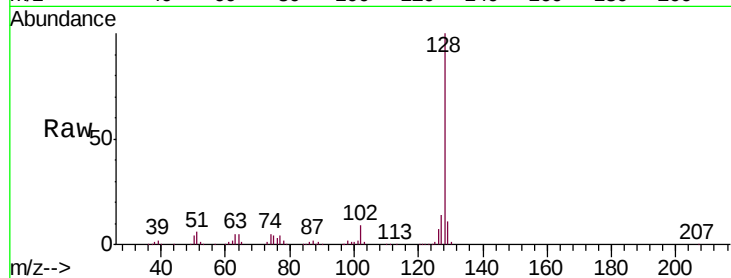




#95
Naphthalene
Concen: 78.386 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 180557
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 71.766 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion:180 Resp: 75864
Ion Ratio Lower Upper
180 100
182 94.4 46.6 139.8
145 36.3 18.1 54.1

