

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007871.D
 Acq On : 23 Dec 2018 05:16
 Operator : SY/AP
 Sample : VW1222SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Quant Time: Dec 23 23:59:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41883	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.88	113	37941	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.32	98	149423	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.62	95	56777	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	10715	17.179 ug/l	87
3) Chloromethane	2.21	50	11962	31.232 ug/l	94
4) Vinyl Chloride	2.37	62	14029	28.775 ug/l	95
5) Bromomethane	2.78	94	8744	25.750 ug/l	89
6) Chloroethane	2.92	64	7339	28.137 ug/l	97
7) Trichlorofluoromethane	3.26	101	8666	17.073 ug/l	96
8) Diethyl Ether	3.67	74	8204	26.388 ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15800	21.136 ug/l	98
10) Methyl Iodide	4.27	142	26153	21.999 ug/l	96
11) Tert butyl alcohol	5.17	59	6198	119.480 ug/l	100
12) 1,1-Dichloroethene	4.03	96	15516	22.415 ug/l	90
13) Acrolein	3.90	56	3839	92.557 ug/l	99
14) Allyl chloride	4.66	41	22467	24.750 ug/l	91
15) Acrylonitrile	5.37	53	16244	122.486 ug/l	98
16) Acetone	4.12	43	13472	93.554 ug/l	# 89
17) Carbon Disulfide	4.38	76	42877	20.016 ug/l	99
18) Methyl Acetate	4.67	43	9033	26.376 ug/l	95
19) Methyl tert-butyl Ether	5.43	73	26325	26.490 ug/l	95
20) Methylene Chloride	4.92	84	18159	21.639 ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	16666	21.891 ug/l	92
22) Diisopropyl ether	6.31	45	44676	26.284 ug/l	96
23) Vinyl Acetate	6.26	43	121605	120.417 ug/l	98
24) 1,1-Dichloroethane	6.21	63	29627	23.693 ug/l	99
25) 2-Butanone	7.18	43	20031	118.760 ug/l	99
26) 2,2-Dichloropropane	7.17	77	17894	19.556 ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	18723	23.083 ug/l	97
28) Bromochloromethane	7.51	49	9241	21.675 ug/l	92
29) Tetrahydrofuran	7.52	42	13371	132.902 ug/l	94
30) Chloroform	7.68	83	31373	22.170 ug/l	98
31) Cyclohexane	7.95	56	26299	22.974 ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	27239	21.135 ug/l	98
36) 1,1-Dichloropropene	8.08	75	24516	20.782 ug/l	99
37) Ethyl Acetate	7.25	43	9597	23.572 ug/l	99
38) Carbon Tetrachloride	8.06	117	24527	17.654 ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007871.D
 Acq On : 23 Dec 2018 05:16
 Operator : SY/AP
 Sample : VW1222SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Quant Time: Dec 23 23:59:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	30043	20.495	ug/l	98
40) Benzene	8.32	78	67943	21.583	ug/l	98
41) Methacrylonitrile	7.49	41	6113	26.446	ug/l	90
42) 1,2-Dichloroethane	8.40	62	21408	20.293	ug/l	100
43) Isopropyl Acetate	8.43	43	18557	22.751	ug/l	99
44) Trichloroethene	9.09	130	19219	20.188	ug/l	91
45) 1,2-Dichloropropane	9.37	63	15897	22.759	ug/l	99
46) Dibromomethane	9.46	93	8907	20.715	ug/l	94
47) Bromodichloromethane	9.65	83	21476	18.999	ug/l	97
48) Methyl methacrylate	9.44	41	9287	22.810	ug/l	96
49) 1,4-Dioxane	9.45	88	3109	456.054	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	45346	117.635	ug/l	97
52) Toluene	10.39	92	46009	21.784	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21941	19.514	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	25583	20.599	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12498	21.084	ug/l	95
56) Ethyl methacrylate	10.65	69	15362	21.934	ug/l	95
57) 1,3-Dichloropropane	10.93	76	21614	21.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	37803	118.221	ug/l	99
59) 2-Hexanone	10.97	43	30433	112.259	ug/l	99
60) Dibromochloromethane	11.13	129	13283	16.924	ug/l	96
61) 1,2-Dibromoethane	11.24	107	12450	20.740	ug/l	98
64) Tetrachloroethene	10.86	164	16608	21.447	ug/l	97
65) Chlorobenzene	11.66	112	48866	20.645	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	16935	20.024	ug/l	98
67) Ethyl Benzene	11.73	91	88156	21.704	ug/l	97
68) m/p-Xylenes	11.84	106	68378	43.398	ug/l	99
69) o-Xylene	12.17	106	32283	21.858	ug/l	99
70) Styrene	12.18	104	51995	21.417	ug/l	99
71) Bromoform	12.35	173	7161	16.310	ug/l #	98
73) Isopropylbenzene	12.47	105	90004	22.385	ug/l	98
74) N-amyl acetate	12.27	43	17508	25.139	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	13551	22.479	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18076	43.967	ug/l #	100
77) Bromobenzene	12.75	156	19666	21.342	ug/l	97
78) n-propylbenzene	12.81	91	103231	22.056	ug/l	98
79) 2-Chlorotoluene	12.90	91	60391	22.149	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	76789	22.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3704	18.911	ug/l	97
82) 4-Chlorotoluene	12.99	91	63958	22.031	ug/l	100
83) tert-Butylbenzene	13.21	119	66983	22.012	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78026	22.296	ug/l	99
85) sec-Butylbenzene	13.39	105	91711	21.868	ug/l	100
86) p-Isopropyltoluene	13.51	119	82295	21.580	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	39337	21.501	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	38711	21.153	ug/l	97
89) n-Butylbenzene	13.83	91	73976	21.157	ug/l	99
90) Hexachloroethane	14.10	117	12130	18.118	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	35081	21.416	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2231	18.021	ug/l	89

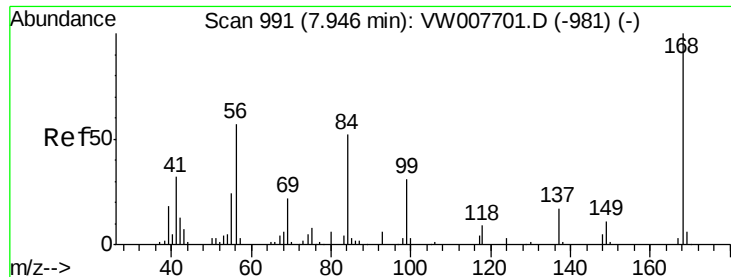
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
Data File : VW007871.D
Acq On : 23 Dec 2018 05:16
Operator : SY/AP
Sample : VW1222SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Quant Time: Dec 23 23:59:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23593	20.749	ug/l	99
94) Hexachlorobutadiene	15.24	225	12719	20.931	ug/l	97
95) Naphthalene	15.37	128	49230	23.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	21096	21.674	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

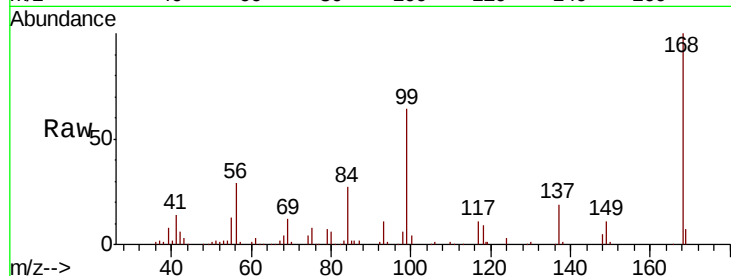
VW1224SBS02

Tgt Ion: 168 Resp: 70161

Ion Ratio Lower Upper

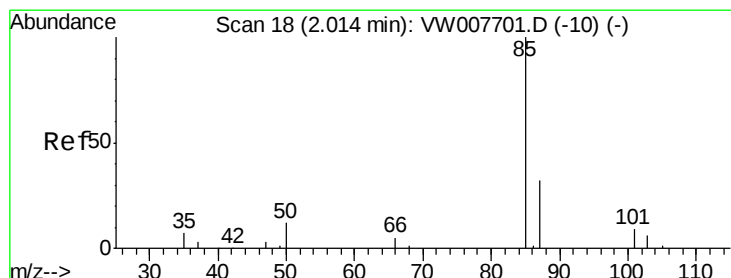
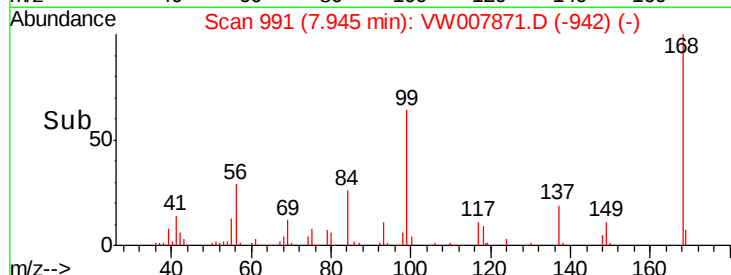
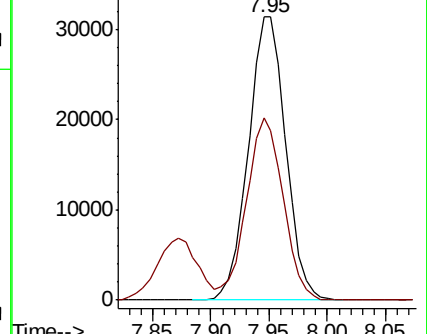
168 100

99 64.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.179 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007871.D

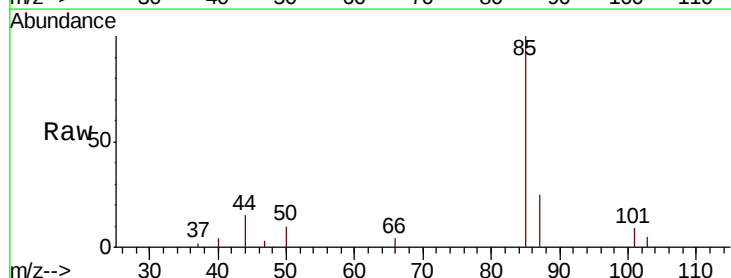
Acq: 23 Dec 2018 05:16

Tgt Ion: 85 Resp: 10715

Ion Ratio Lower Upper

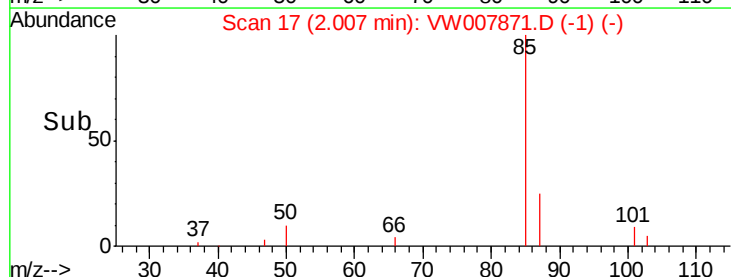
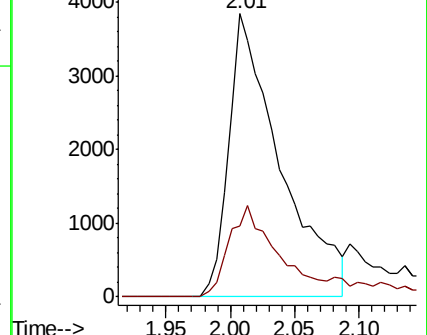
85 100

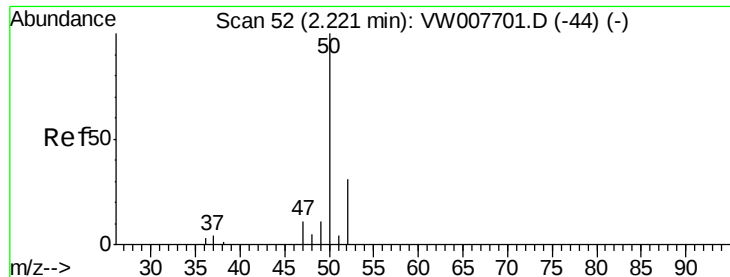
87 25.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 31.232 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

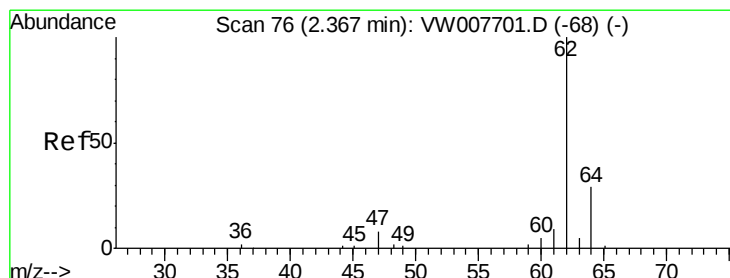
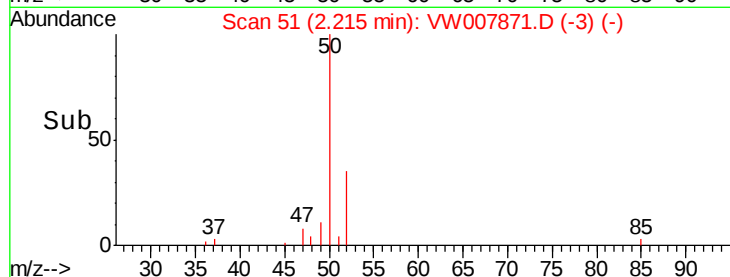
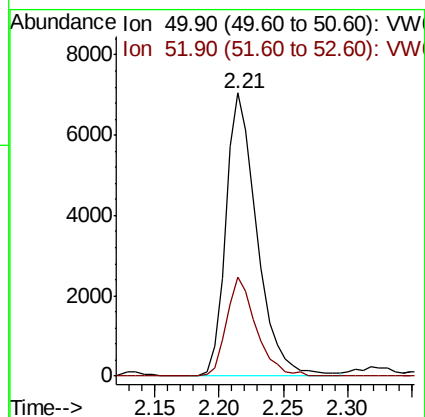
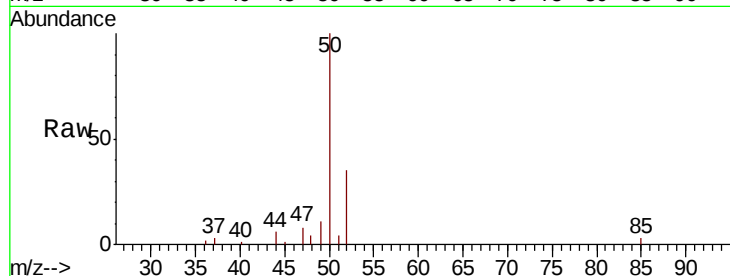
VW1224SBS02

Tgt Ion: 50 Resp: 11962

Ion Ratio Lower Upper

50 100

52 35.0 25.1 37.7



#4

Vinyl Chloride

Concen: 28.775 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007871.D

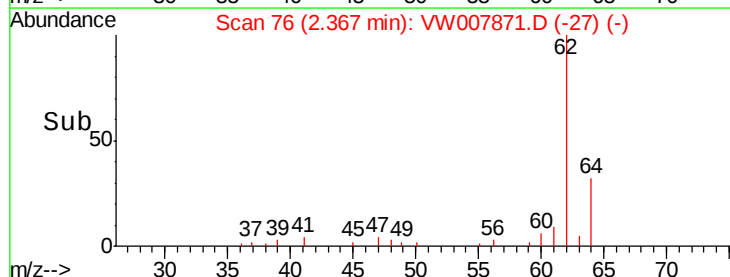
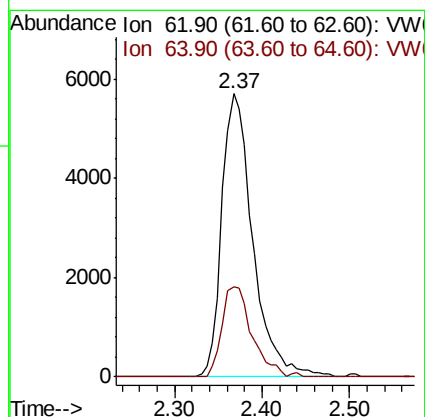
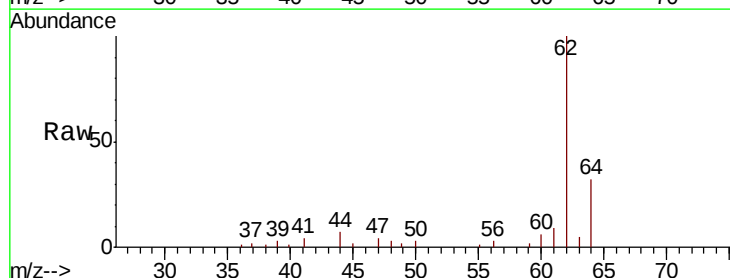
Acq: 23 Dec 2018 05:16

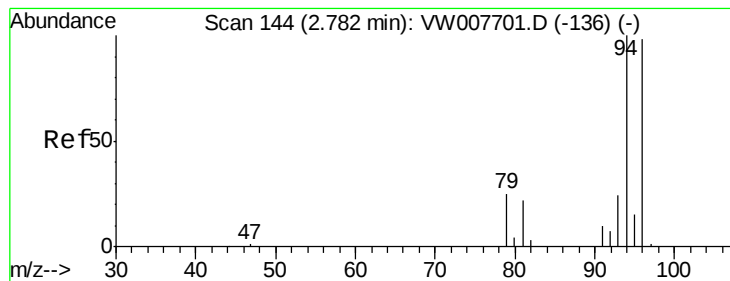
Tgt Ion: 62 Resp: 14029

Ion Ratio Lower Upper

62 100

64 32.0 23.4 35.0





#5

Bromomethane

Concen: 25.750 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

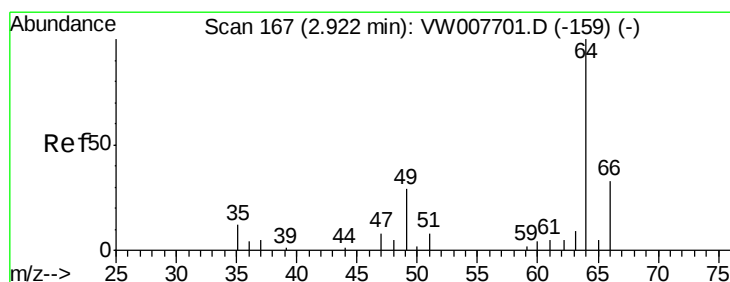
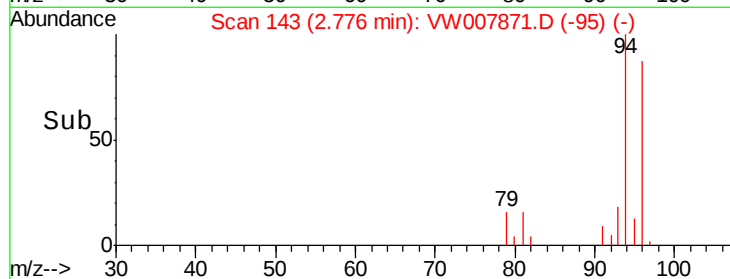
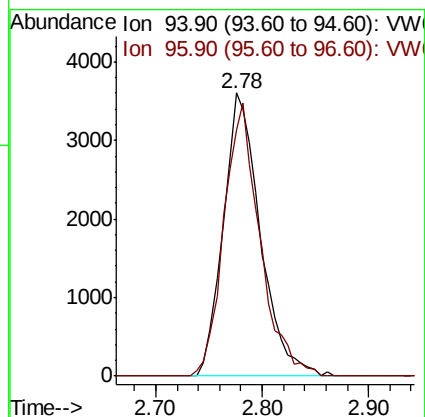
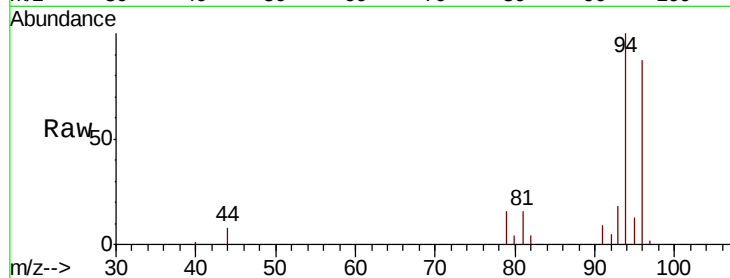
VW1224SBS02

Tgt Ion: 94 Resp: 8744

Ion Ratio Lower Upper

94 100

96 87.0 78.2 117.2



#6

Chloroethane

Concen: 28.137 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007871.D

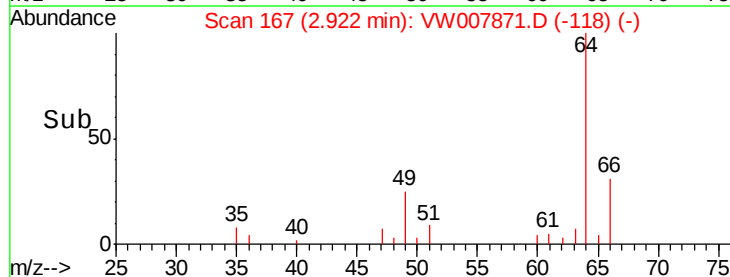
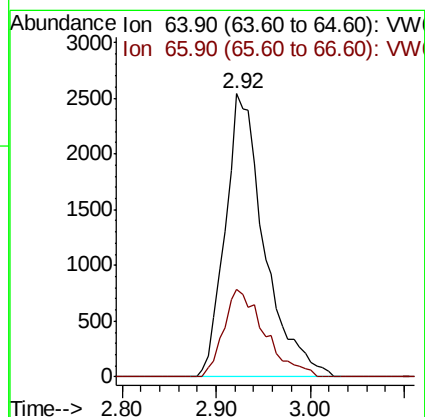
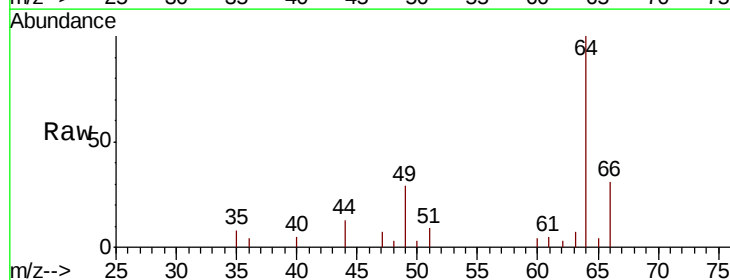
Acq: 23 Dec 2018 05:16

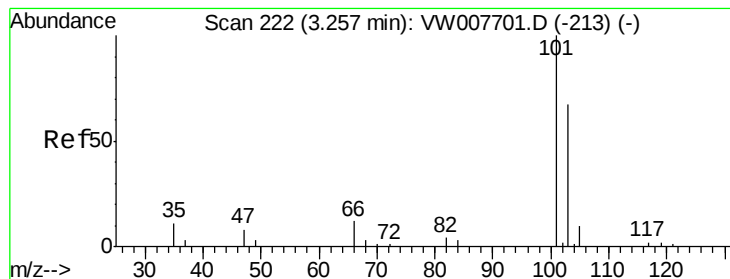
Tgt Ion: 64 Resp: 7339

Ion Ratio Lower Upper

64 100

66 31.0 26.2 39.4



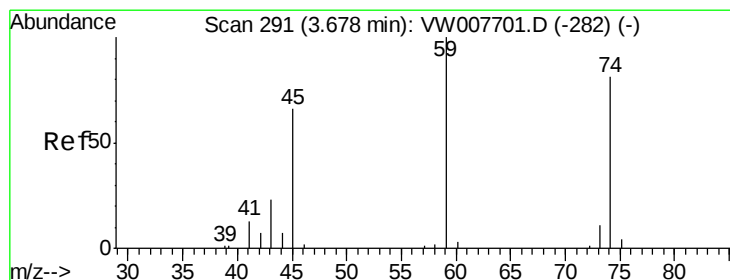
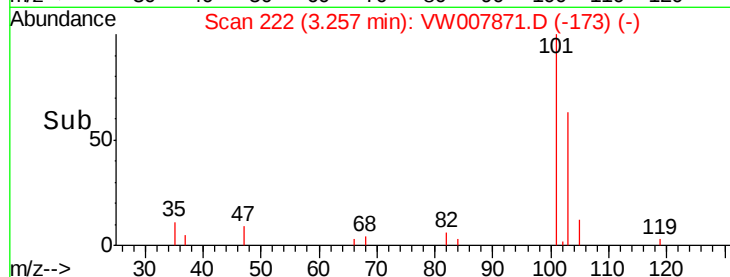
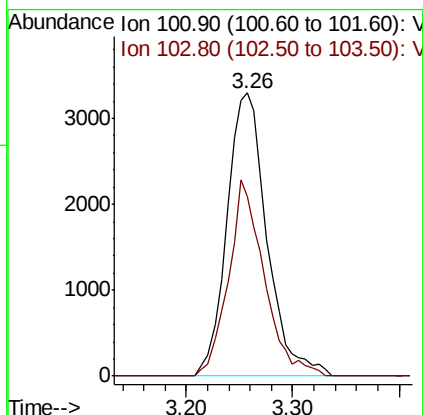
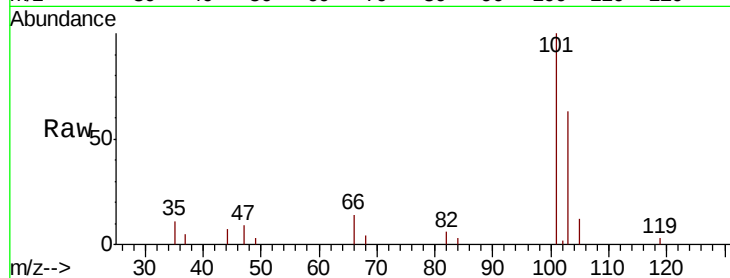


#7

Trichlorofluoromethane
 Concen: 17.073 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

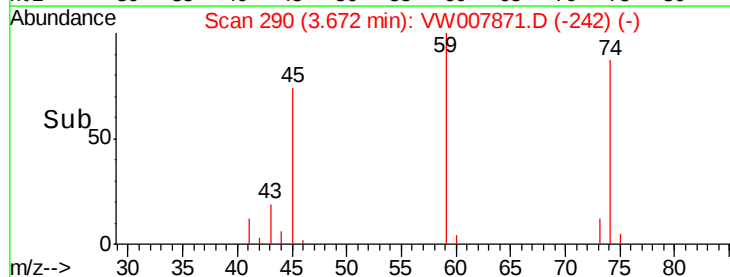
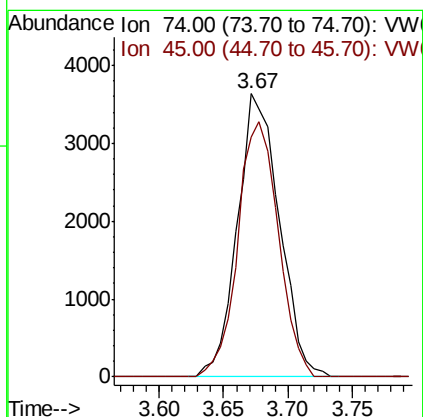
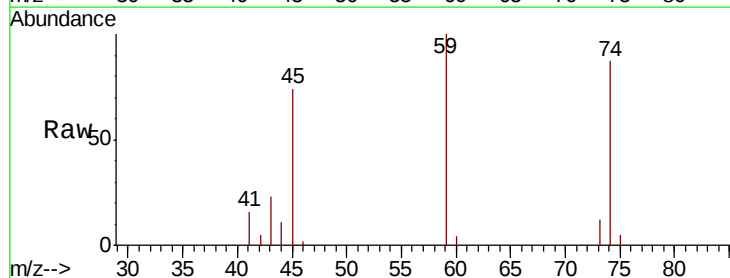
Tgt Ion: 101 Resp: 8666
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.4 80.2

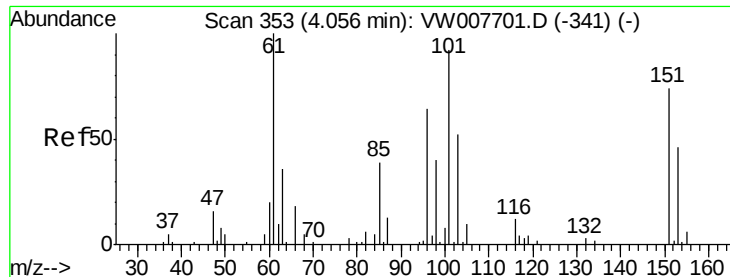


#8

Diethyl Ether
 Concen: 26.388 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 74 Resp: 8204
 Ion Ratio Lower Upper
 74 100
 45 87.2 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.136 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

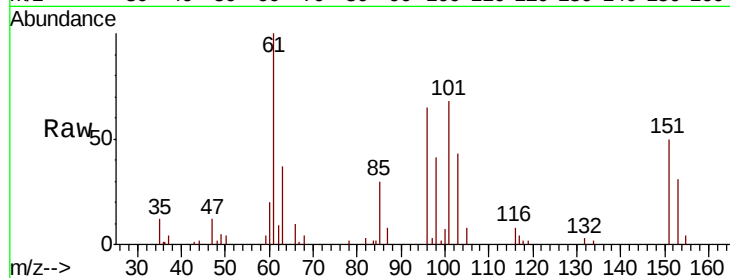
Tgt Ion:101 Resp: 15800

Ion Ratio Lower Upper

101 100

85 42.3 34.3 51.5

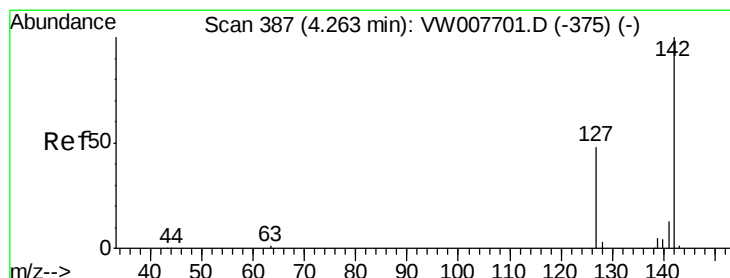
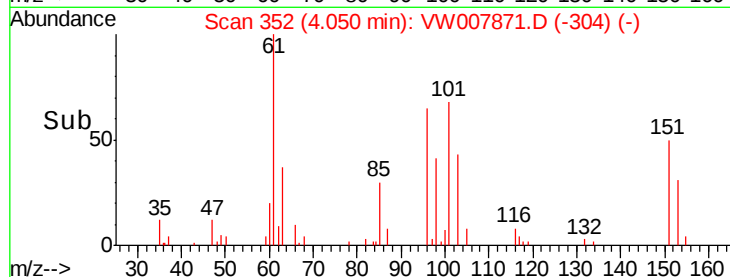
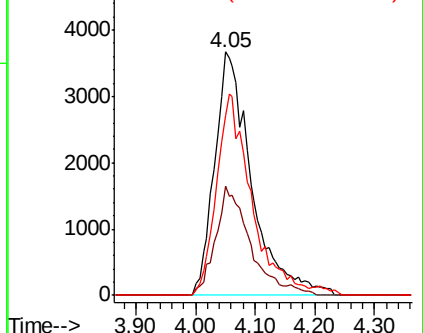
151 77.9 64.6 96.8



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: 21.999 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

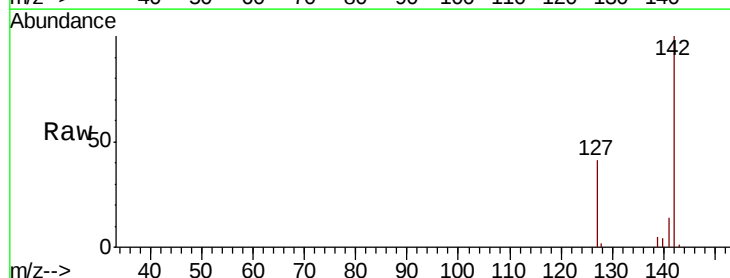
Tgt Ion:142 Resp: 26153

Ion Ratio Lower Upper

142 100

127 43.7 37.7 56.5

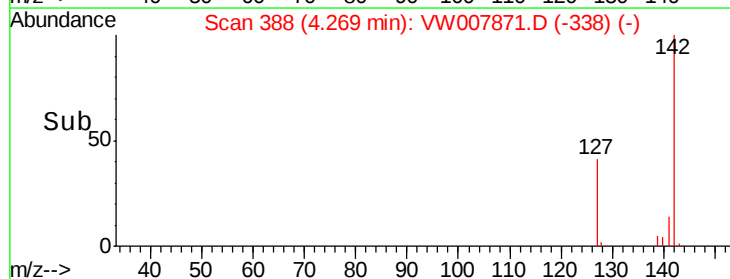
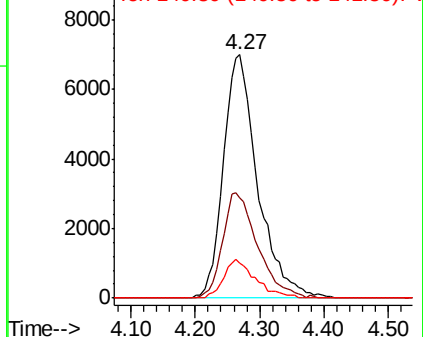
141 14.6 11.5 17.3

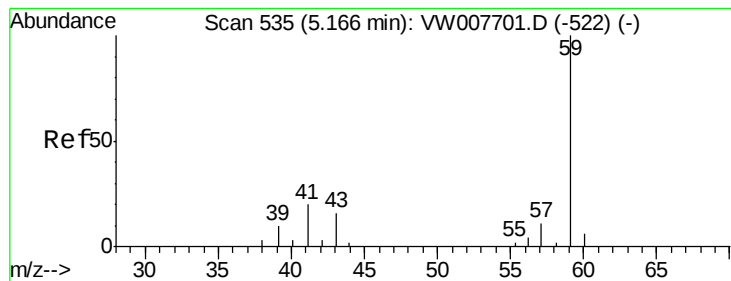


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



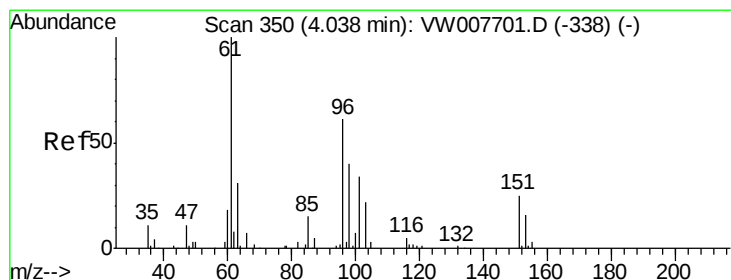
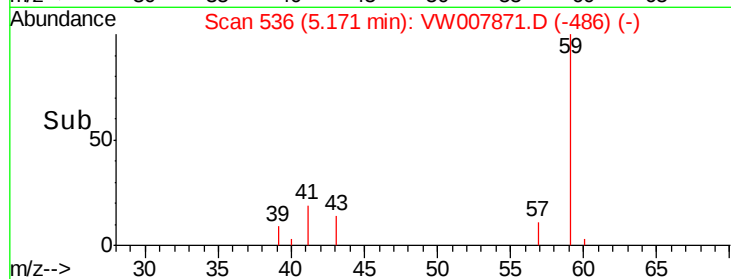
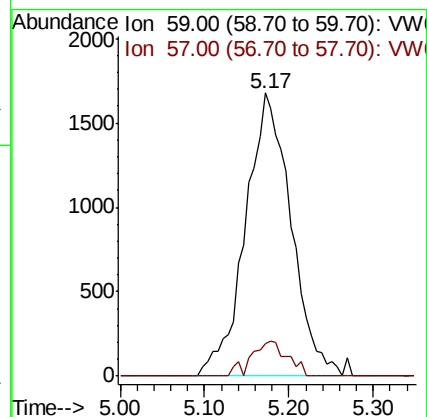
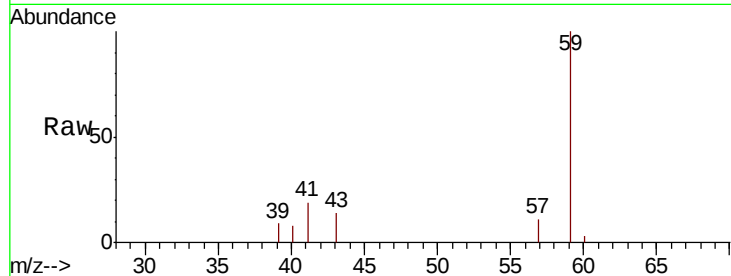


#11

Tert butyl alcohol
 Concen: 119.480 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

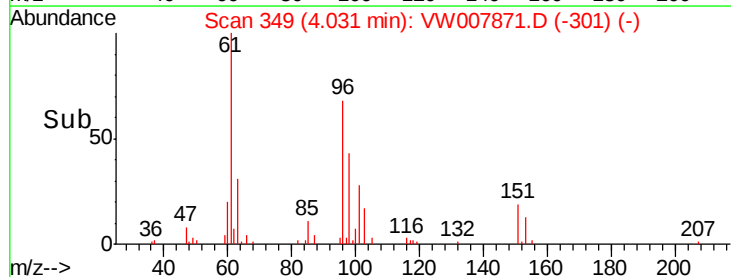
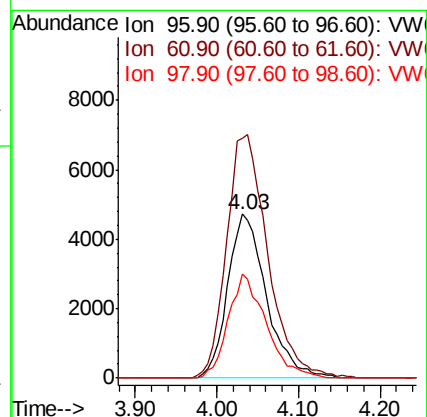
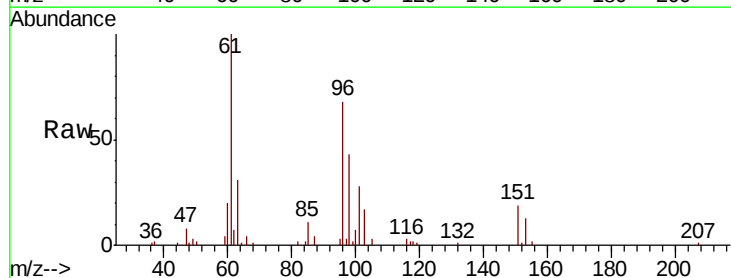
Tgt Ion: 59 Resp: 6198
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

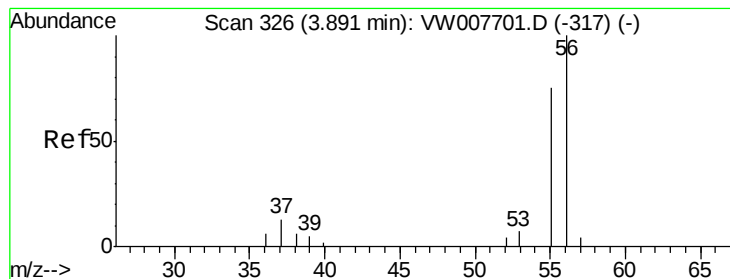


#12

1,1-Dichloroethene
 Concen: 22.415 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 96 Resp: 15516
 Ion Ratio Lower Upper
 96 100
 61 146.4 130.6 195.8
 98 63.6 52.3 78.5





#13

Acrolein

Concen: 92.557 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

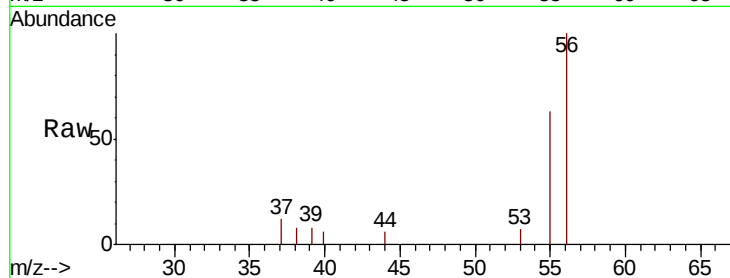
VW1224SBS02

Tgt Ion: 56 Resp: 3839

Ion Ratio Lower Upper

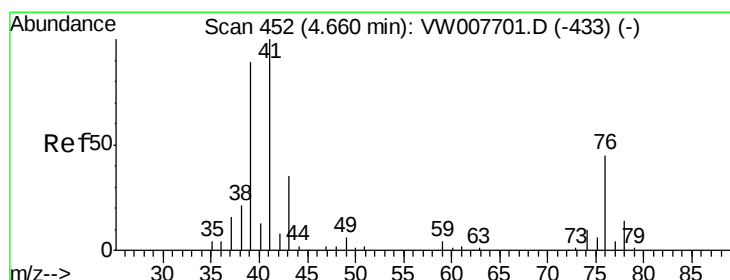
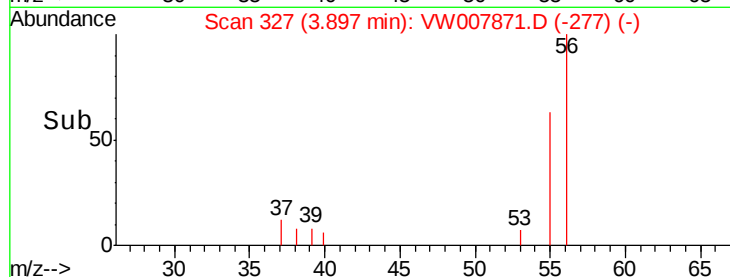
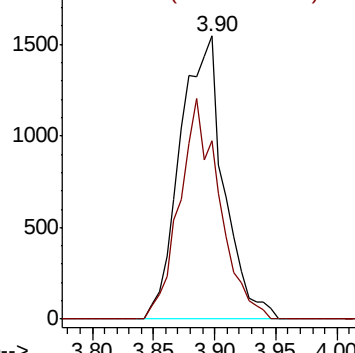
56 100

55 71.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 24.750 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

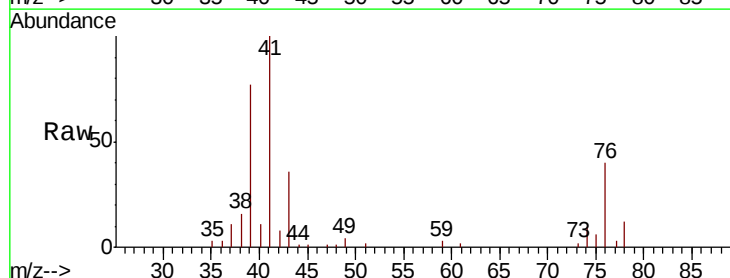
Tgt Ion: 41 Resp: 22467

Ion Ratio Lower Upper

41 100

39 77.8 69.5 104.3

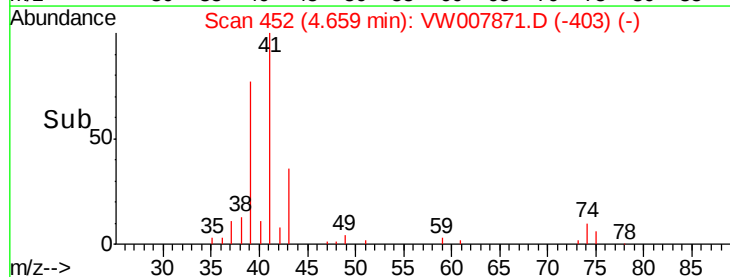
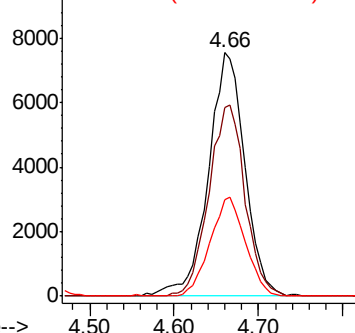
76 39.3 34.8 52.2

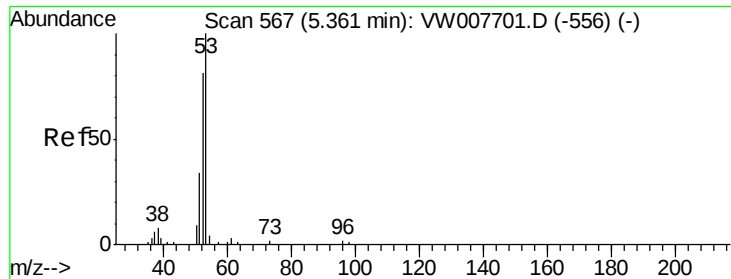


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 122.486 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

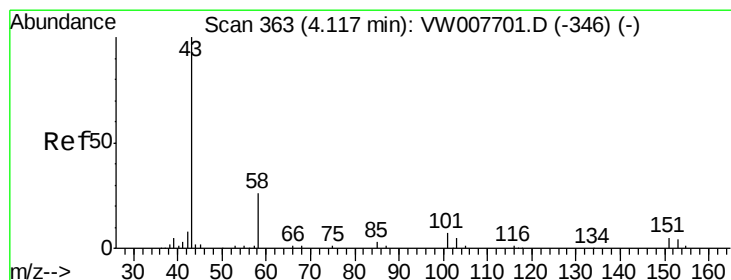
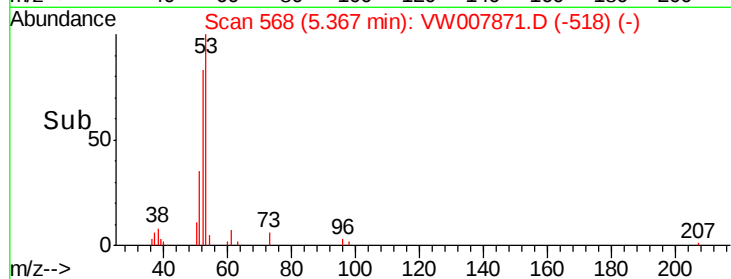
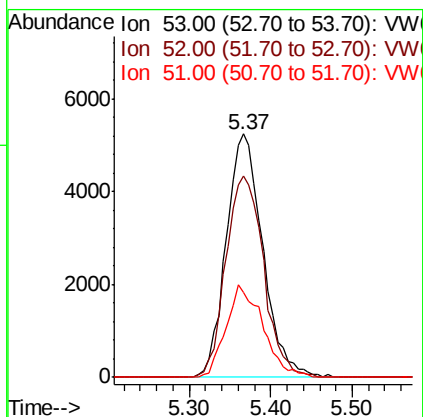
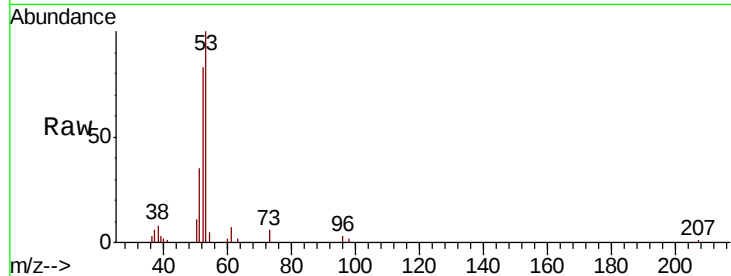
Tgt Ion: 53 Resp: 16244

Ion Ratio Lower Upper

53 100

52 85.6 67.0 100.4

51 38.5 30.2 45.2



#16

Acetone

Concen: 93.554 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007871.D

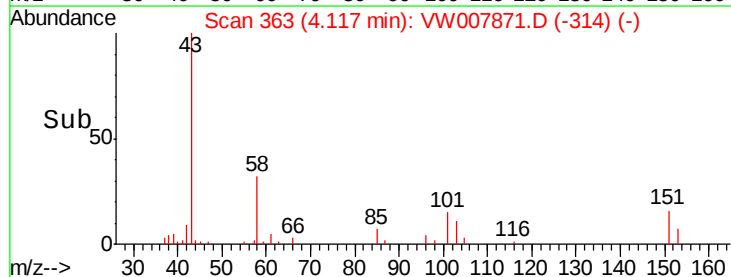
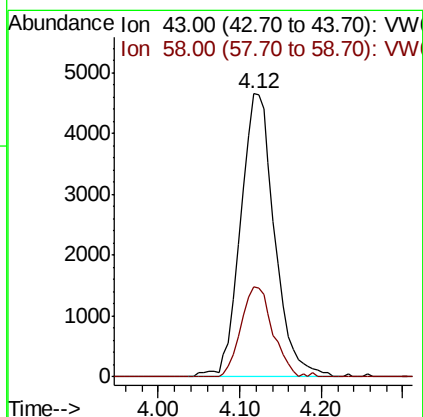
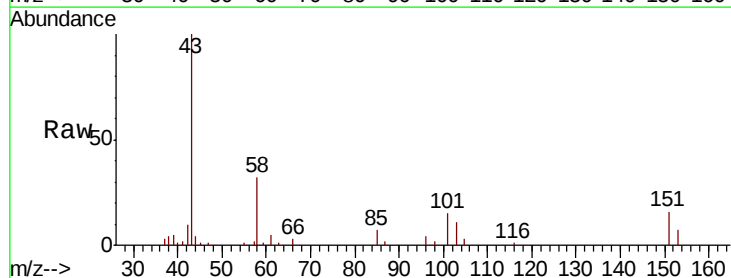
Acq: 23 Dec 2018 05:16

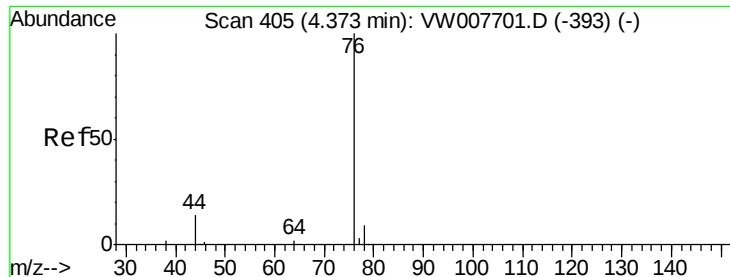
Tgt Ion: 43 Resp: 13472

Ion Ratio Lower Upper

43 100

58 32.1 21.2 31.8#

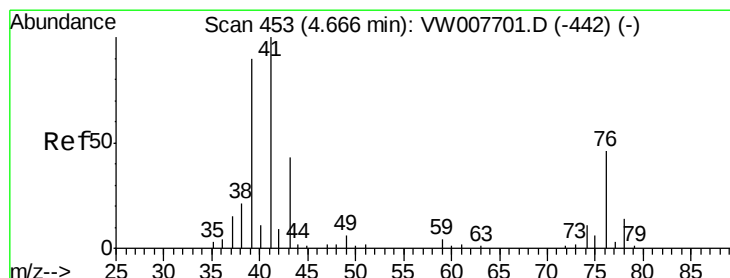
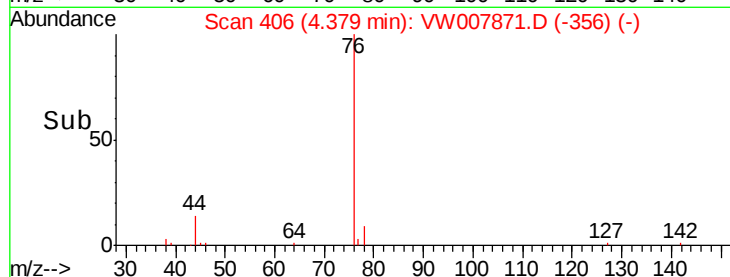
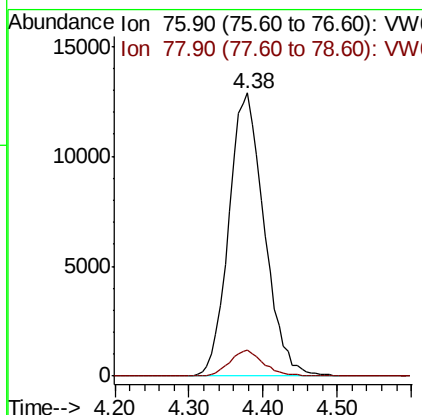
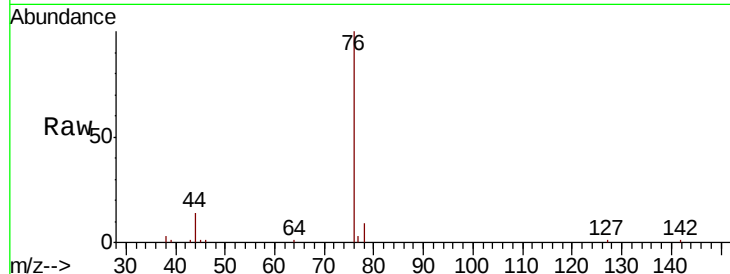




#17
Carbon Disulfide
Concen: 20.016 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

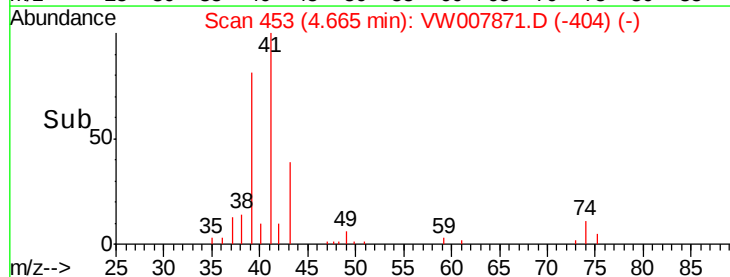
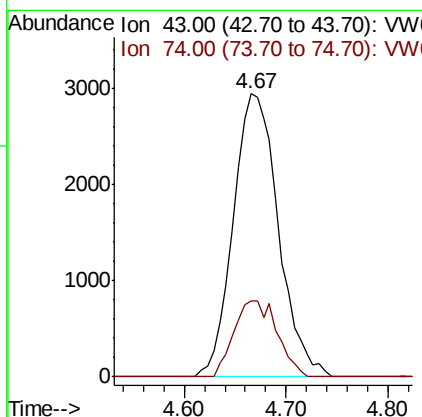
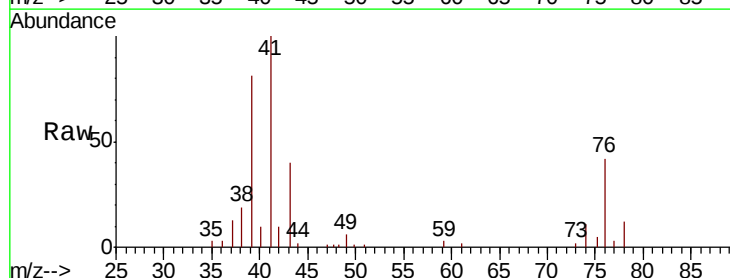
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

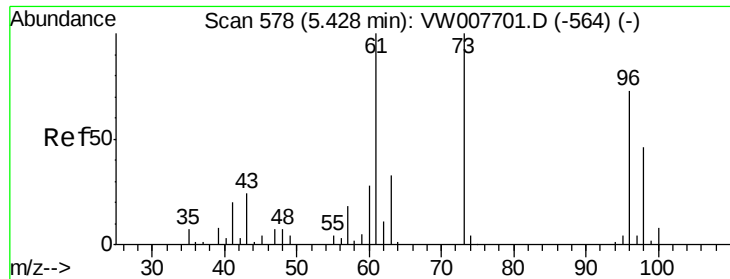
Tgt Ion: 76 Resp: 42877
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 26.376 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 43 Resp: 9033
Ion Ratio Lower Upper
43 100
74 25.7 22.7 34.1

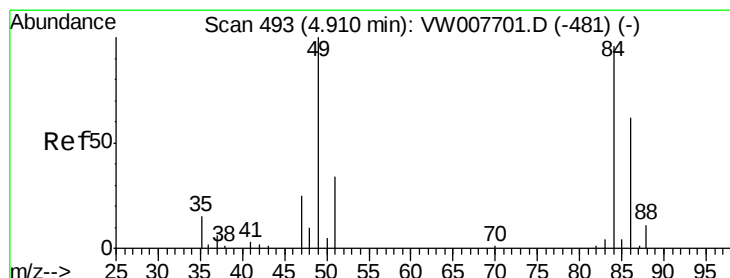
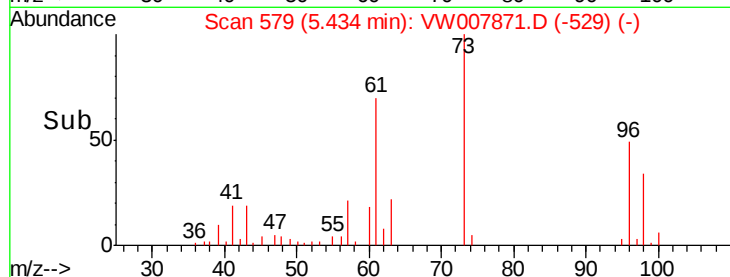
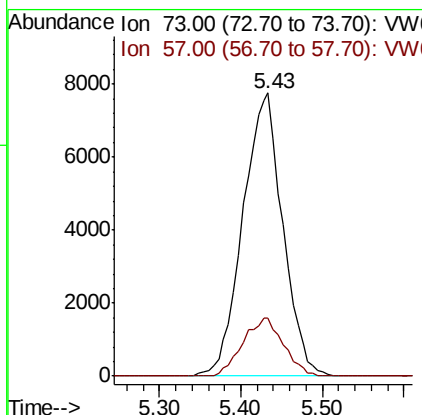
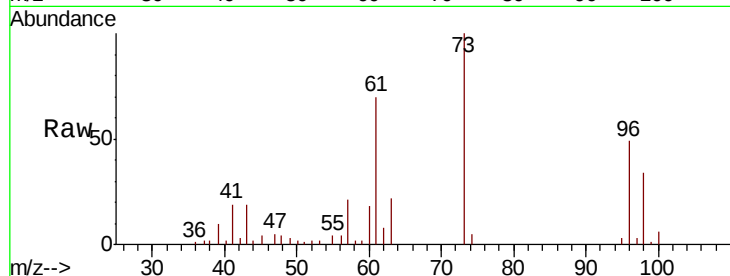




#19
Methyl tert-butyl Ether
Concen: 26.490 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

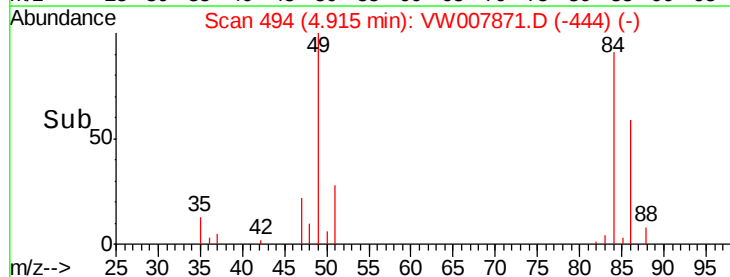
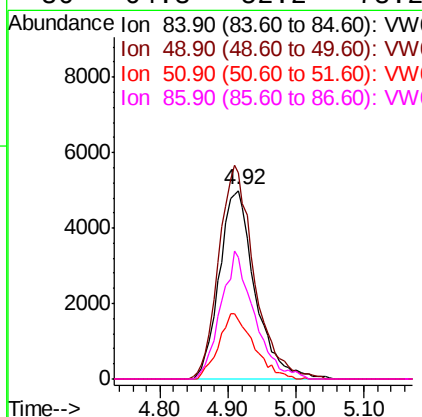
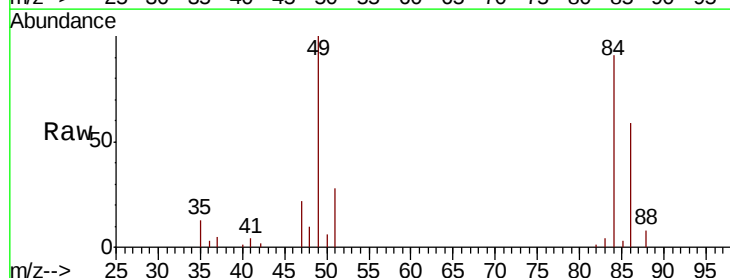
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

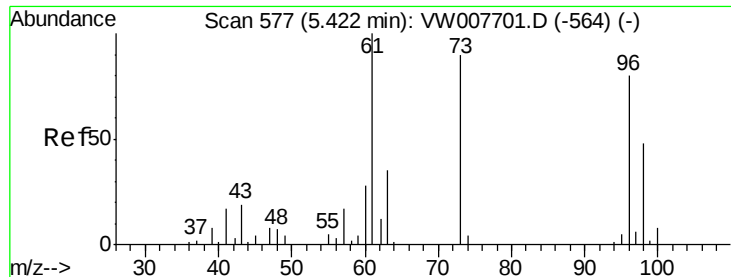
Tgt Ion: 73 Resp: 26325
Ion Ratio Lower Upper
73 100
57 20.5 14.7 22.1



#20
Methylene Chloride
Concen: 21.639 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 84 Resp: 18159
Ion Ratio Lower Upper
84 100
49 109.6 83.7 125.5
51 31.0 28.2 42.2
86 64.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 21.891 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

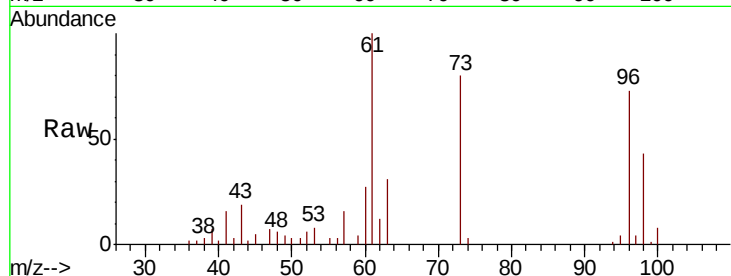
Tgt Ion: 96 Resp: 16666

Ion Ratio Lower Upper

96 100

61 137.7 100.1 150.1

98 59.7 48.5 72.7

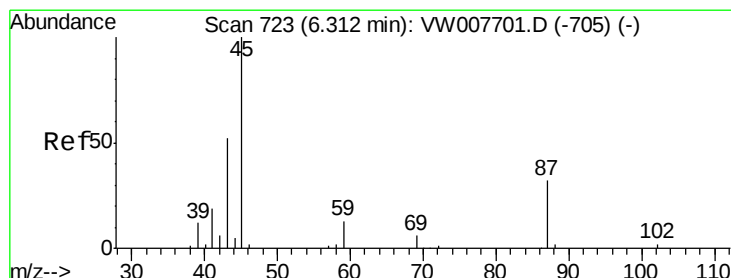
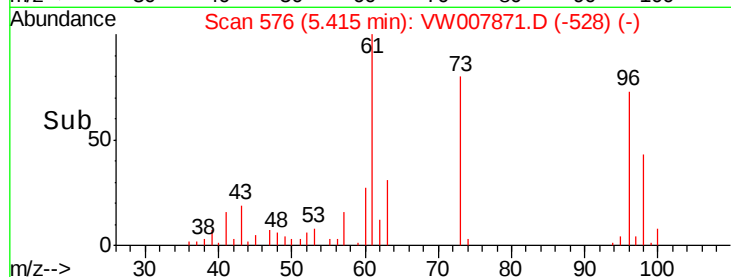
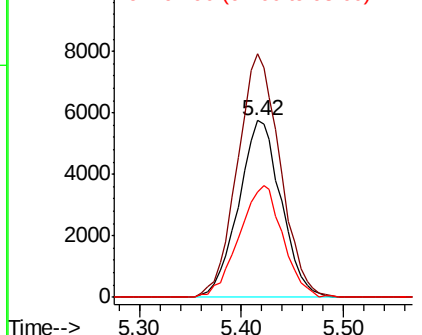


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 26.284 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion: 45 Resp: 44676

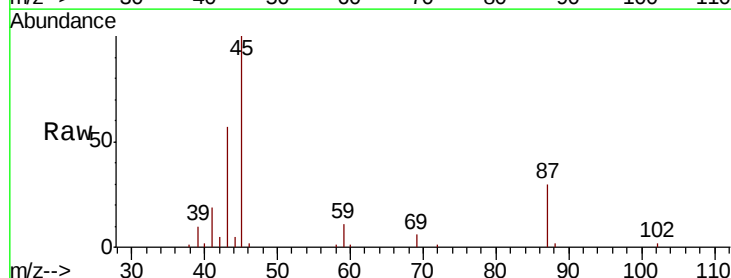
Ion Ratio Lower Upper

45 100

43 56.1 43.7 65.5

87 29.6 26.6 40.0

59 11.3 10.2 15.2



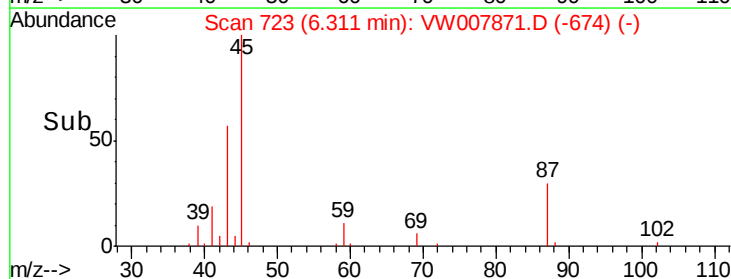
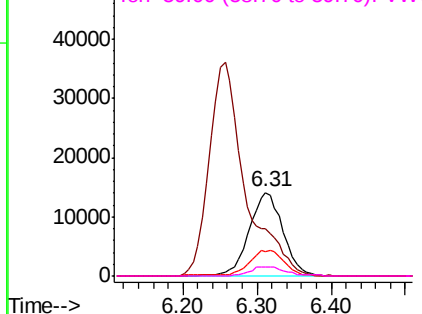
Abundance

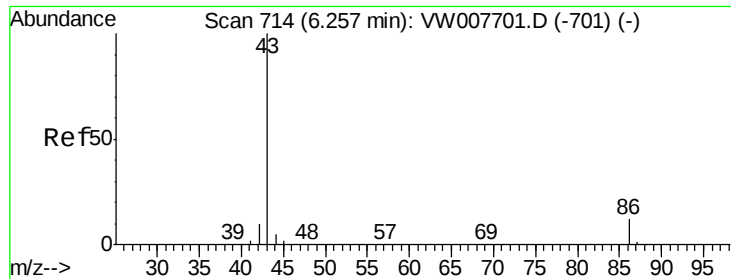
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

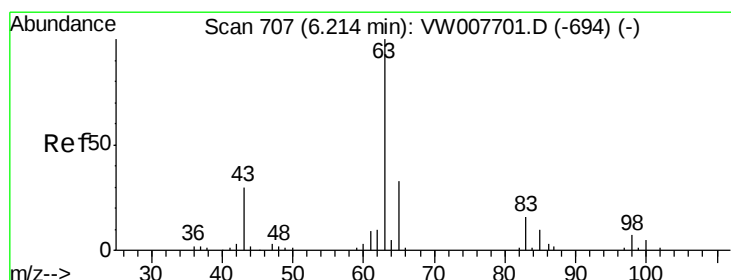
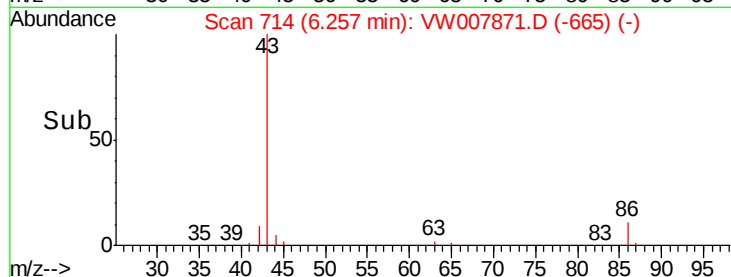
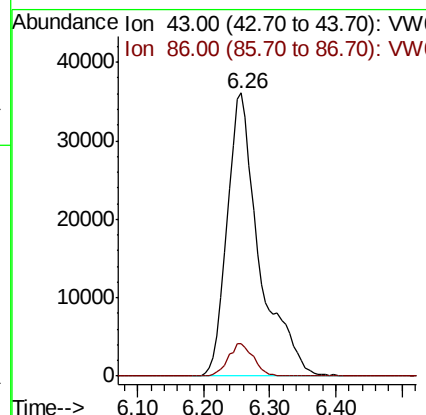
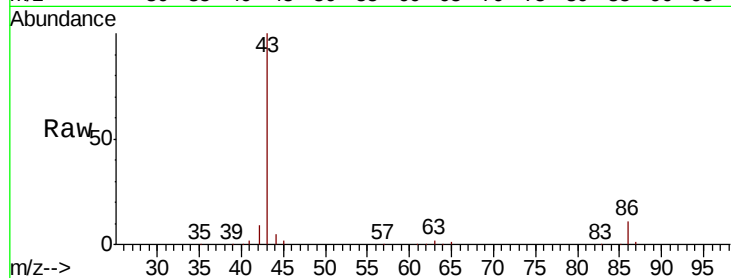




#23
 Vinyl Acetate
 Concen: 120.417 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

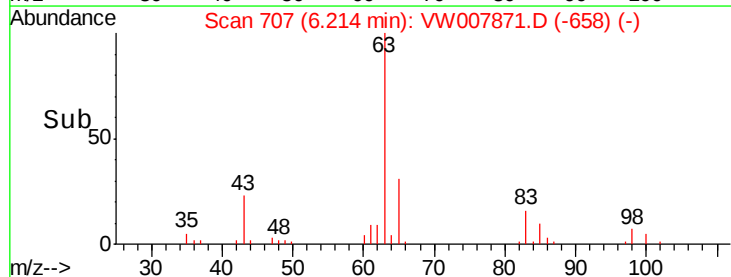
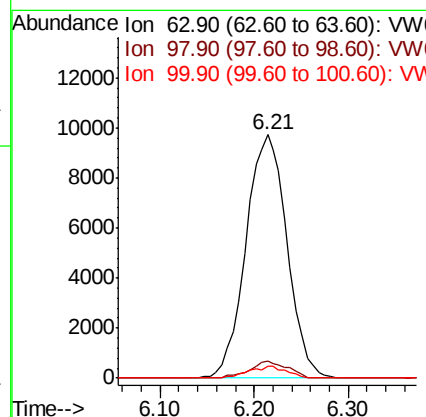
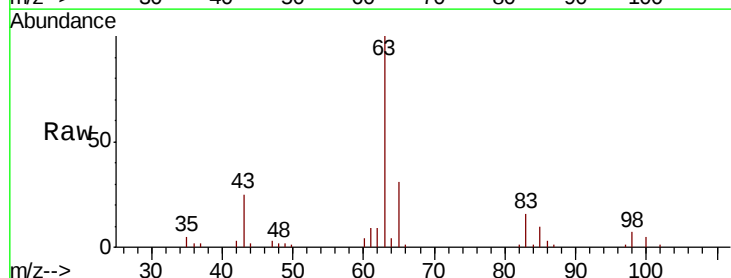
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

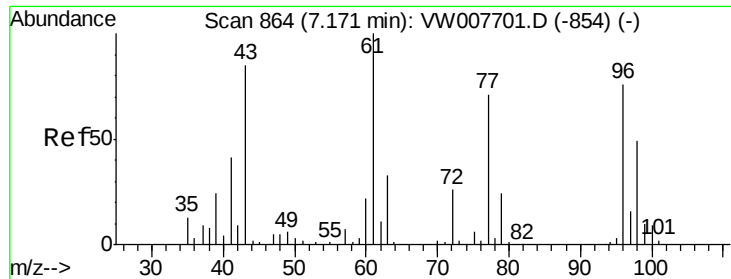
Tgt Ion: 43 Resp: 121605
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 23.693 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 63 Resp: 29627
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.7 2.5 7.5

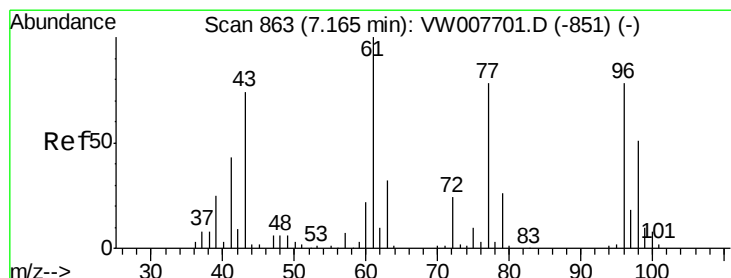
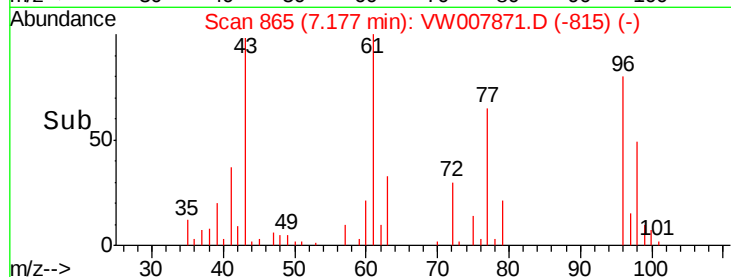
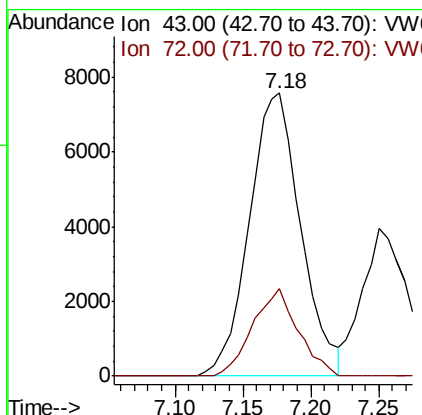
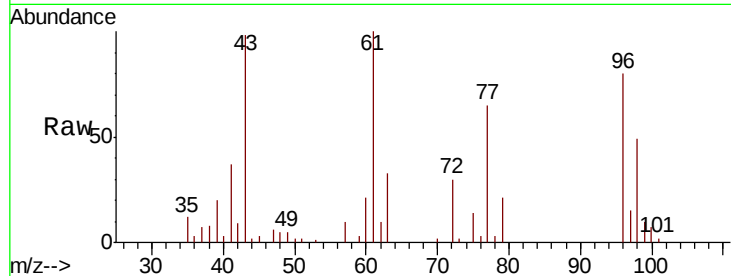




#25
2-Butanone
Concen: 118.760 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

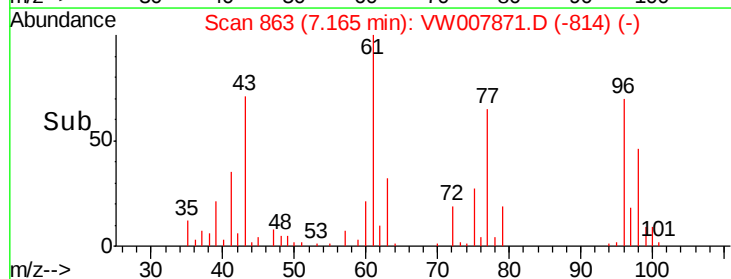
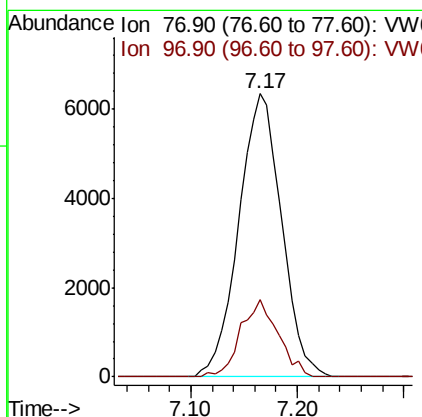
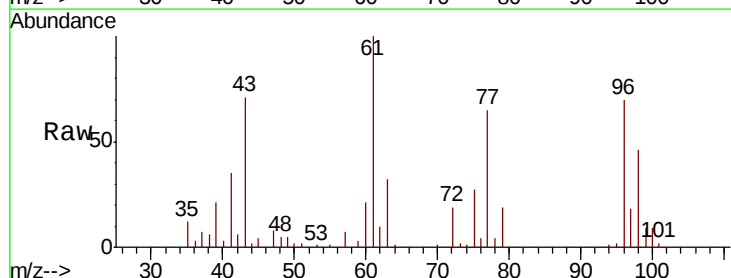
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

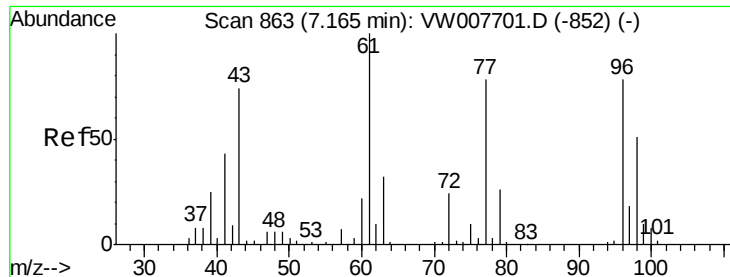
Tgt Ion: 43 Resp: 20031
Ion Ratio Lower Upper
43 100
72 31.0 24.5 36.7



#26
2,2-Dichloropropane
Concen: 19.556 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 77 Resp: 17894
Ion Ratio Lower Upper
77 100
97 24.1 11.3 33.9



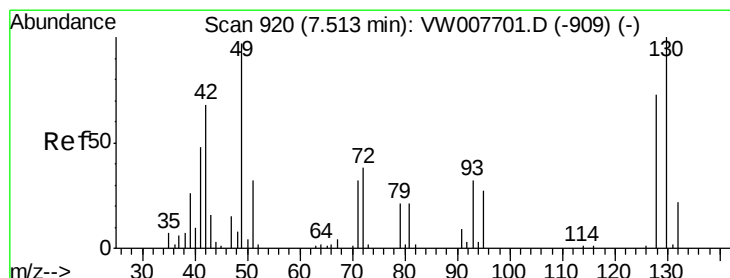
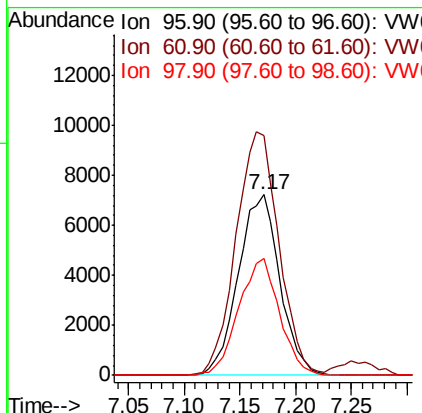
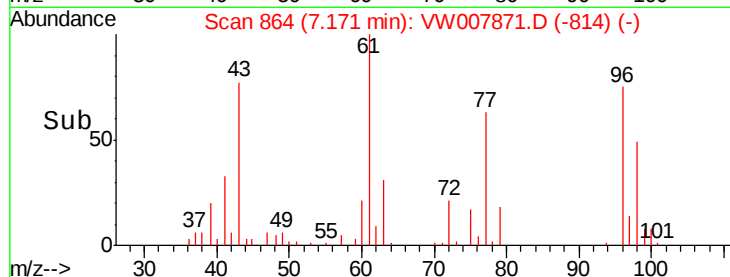
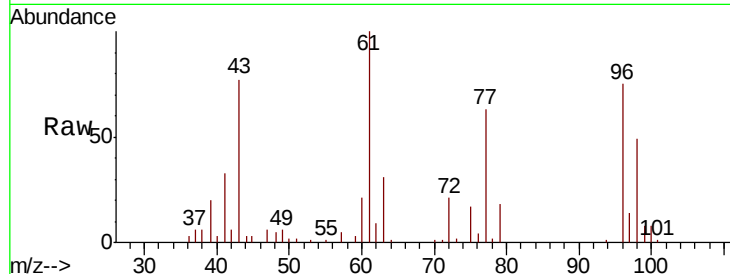


#27

cis-1,2-Dichloroethene
Concen: 23.083 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

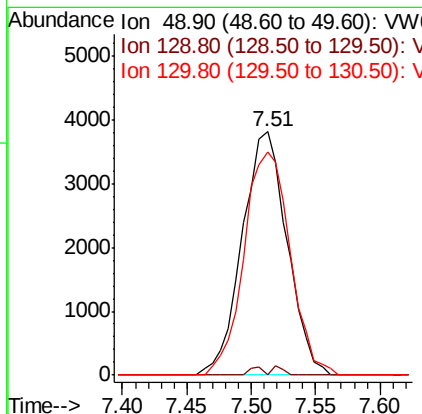
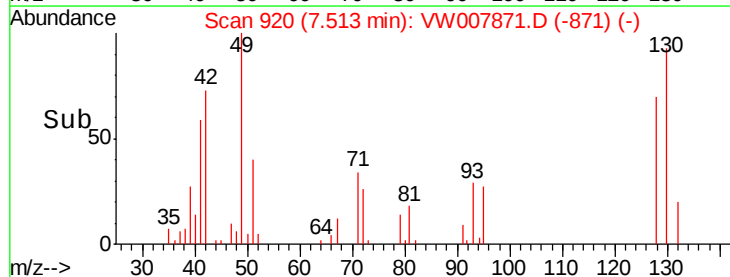
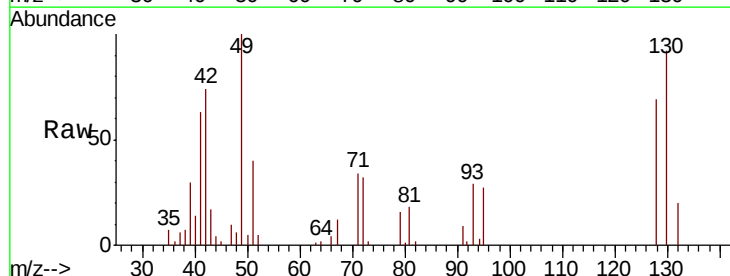
Tgt Ion: 96 Resp: 18723
Ion Ratio Lower Upper
96 100
61 139.3 0.0 271.6
98 63.5 0.0 131.2

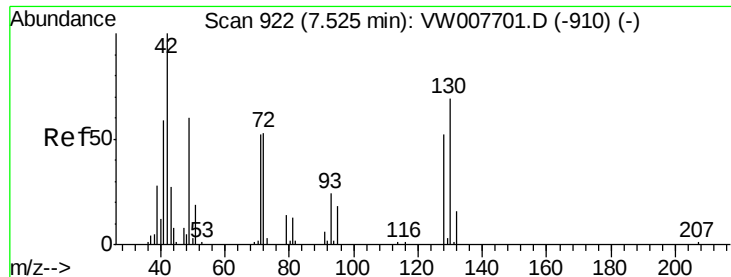


#28

Bromochloromethane
Concen: 21.675 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 49 Resp: 9241
Ion Ratio Lower Upper
49 100
129 0.9 0.0 2.2
130 93.9 81.5 122.3





#29

Tetrahydrofuran

Concen: 132.902 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

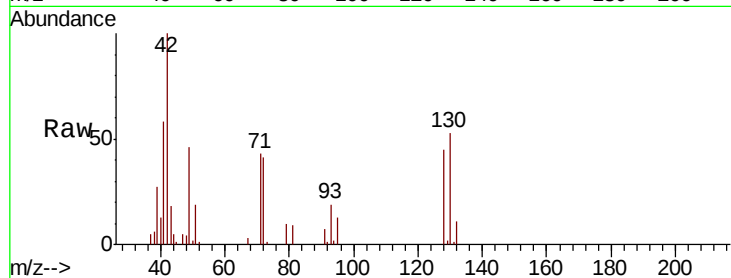
Tgt Ion: 42 Resp: 13371

Ion Ratio Lower Upper

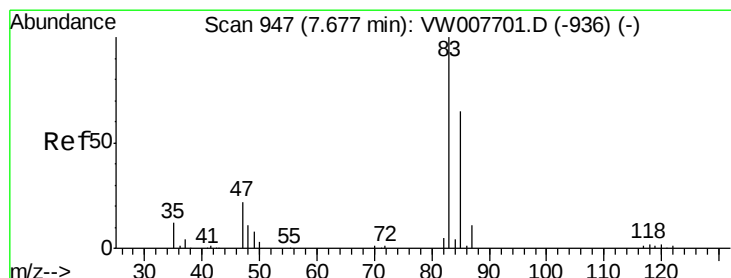
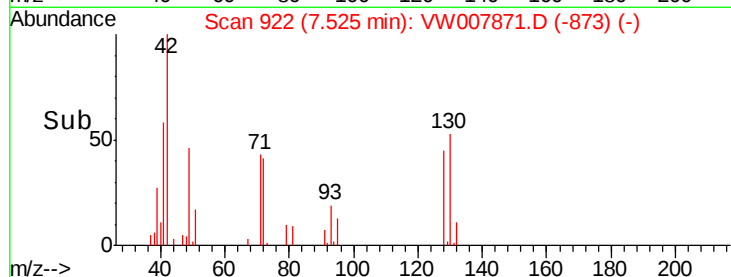
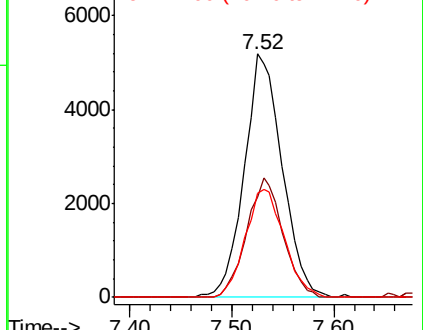
42 100

72 46.9 41.7 62.5

71 45.4 39.0 58.6



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



#30

Chloroform

Concen: 22.170 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW007871.D

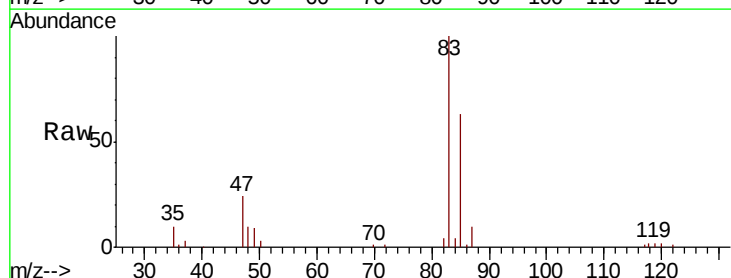
Acq: 23 Dec 2018 05:16

Tgt Ion: 83 Resp: 31373

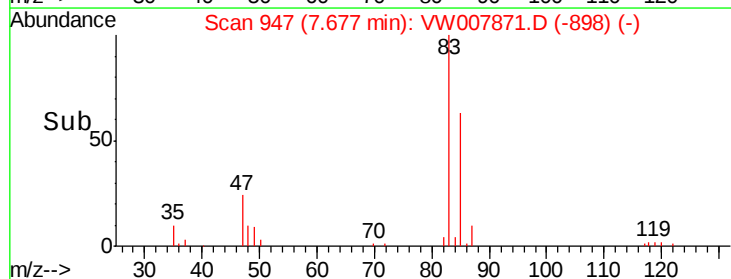
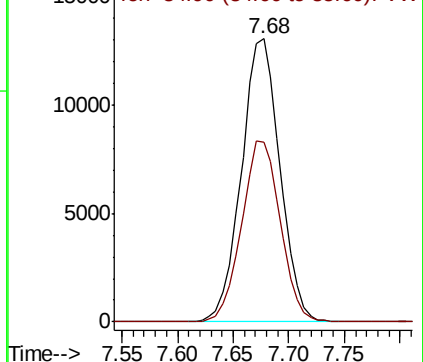
Ion Ratio Lower Upper

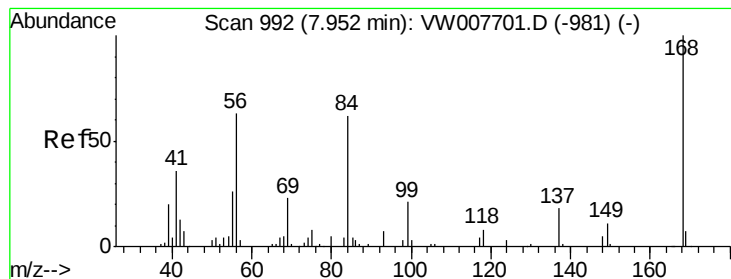
83 100

85 63.4 52.2 78.2



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





#31

Cyclohexane

Concen: 22.974 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

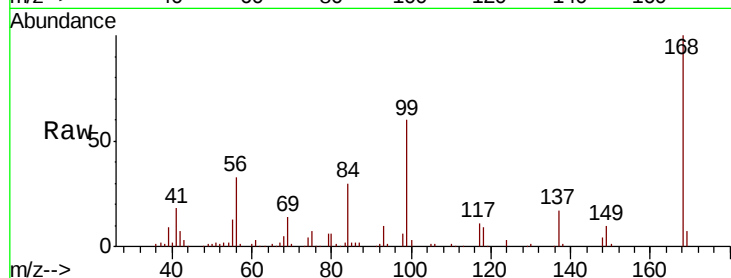
Tgt Ion: 56 Resp: 26299

Ion Ratio Lower Upper

56 100

69 43.4 29.7 44.5

84 90.9 78.9 118.3

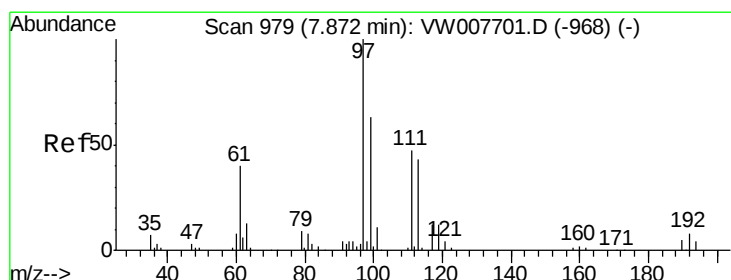
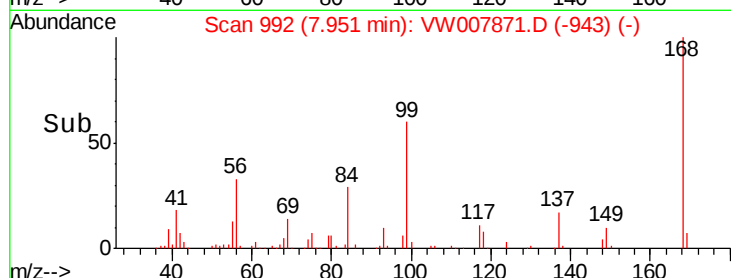
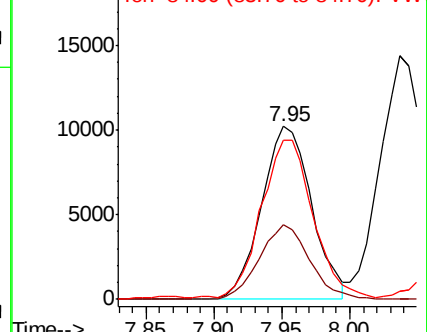


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.135 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

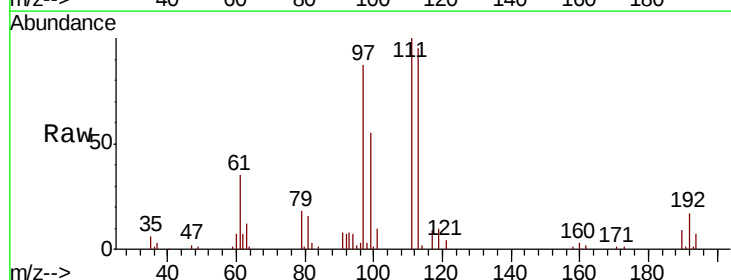
Tgt Ion: 97 Resp: 27239

Ion Ratio Lower Upper

97 100

99 61.7 50.6 76.0

61 41.3 32.3 48.5

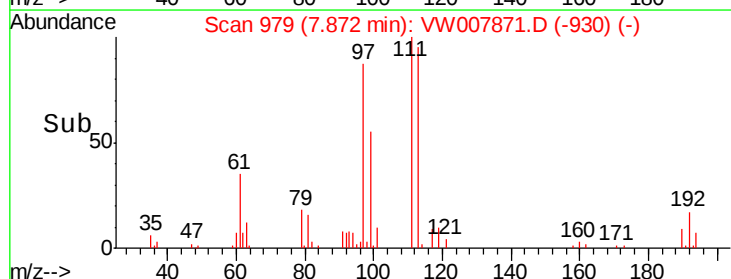
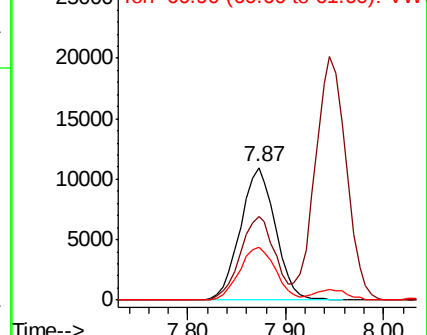


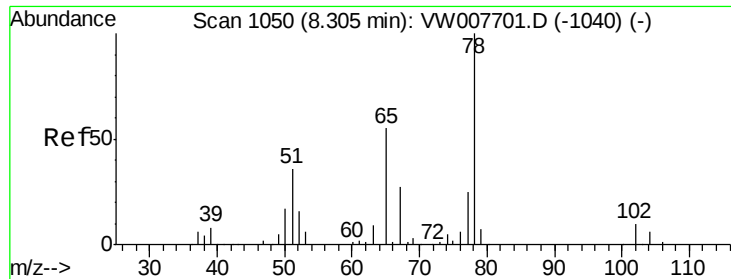
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

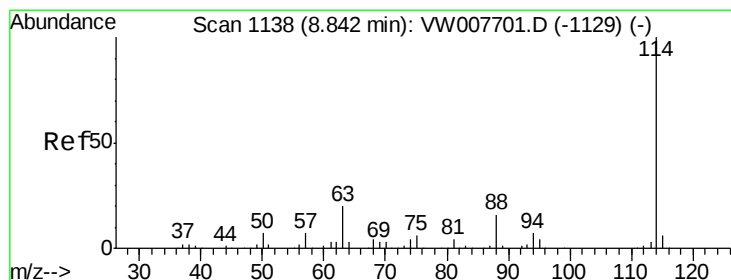
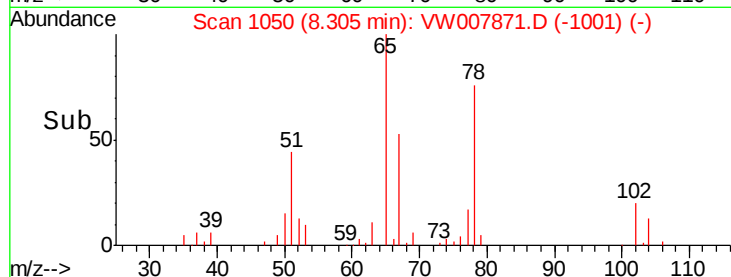
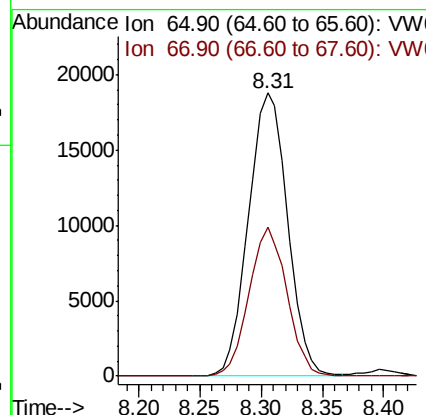
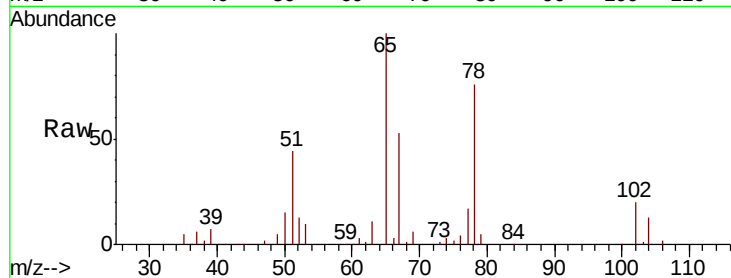




#33
 1,2-Dichloroethane-d4
 Concen: 54.465 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

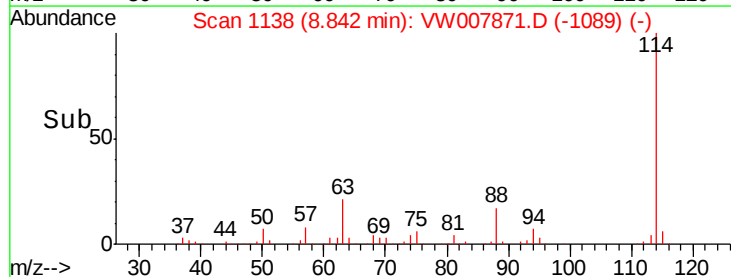
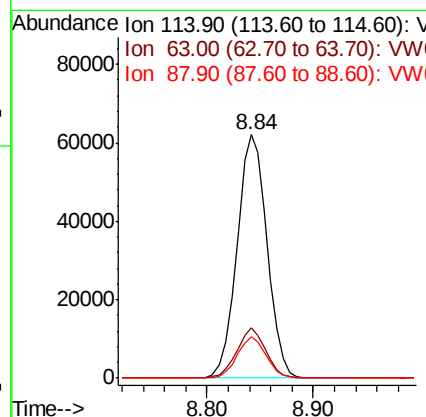
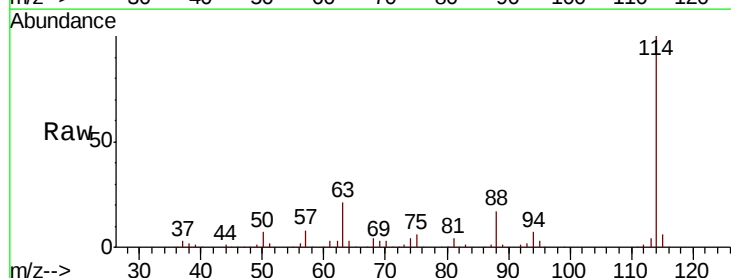
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

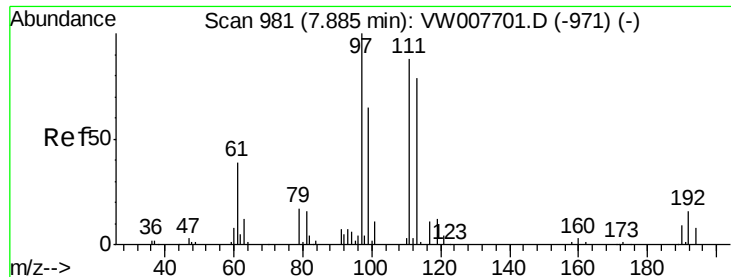
Tgt Ion: 65 Resp: 41883
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 114 Resp: 122225
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.0
 88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.884 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

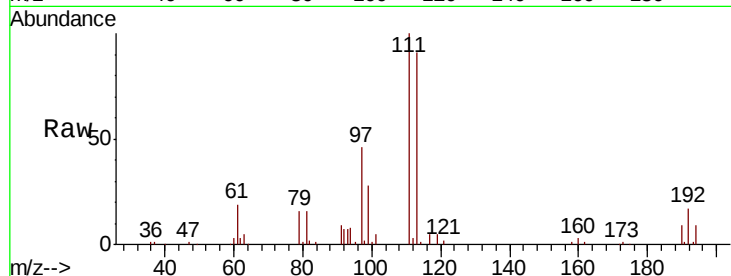
Tgt Ion:113 Resp: 37941

Ion Ratio Lower Upper

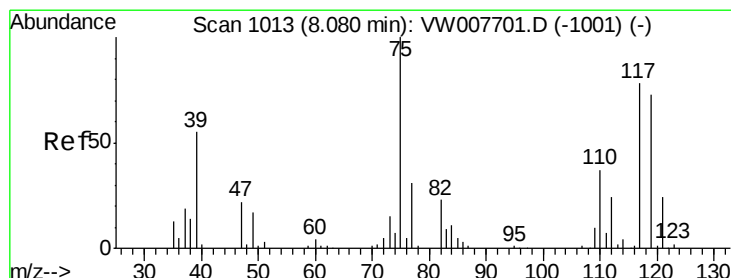
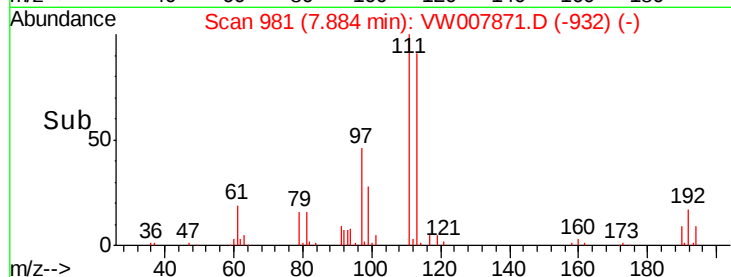
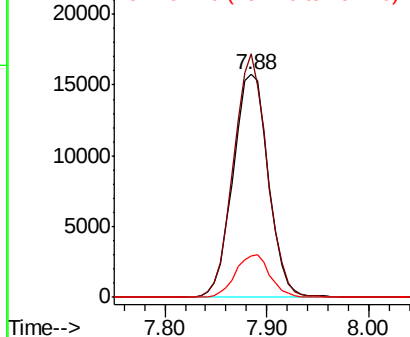
113 100

111 103.2 82.6 124.0

192 18.5 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.782 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

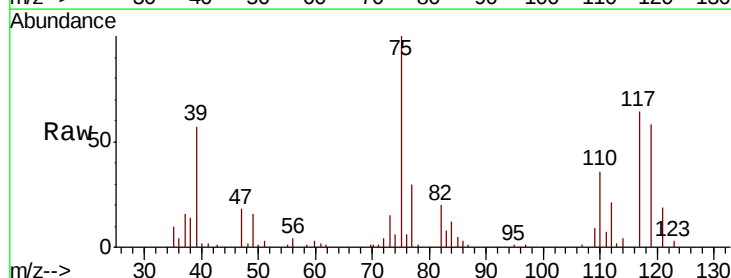
Tgt Ion: 75 Resp: 24516

Ion Ratio Lower Upper

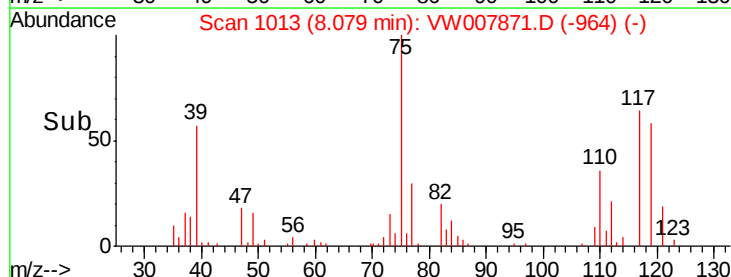
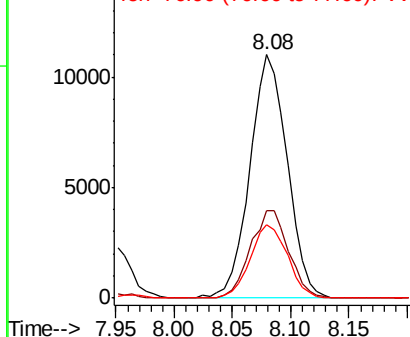
75 100

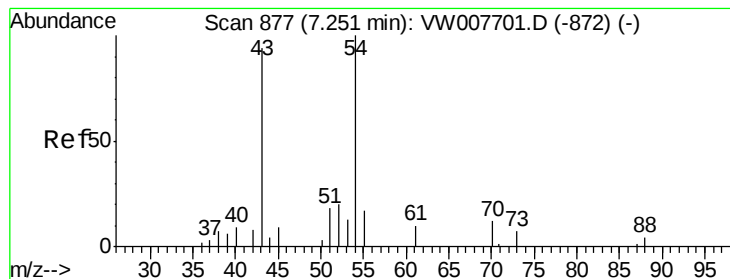
110 36.6 18.6 55.8

77 30.2 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: 23.572 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

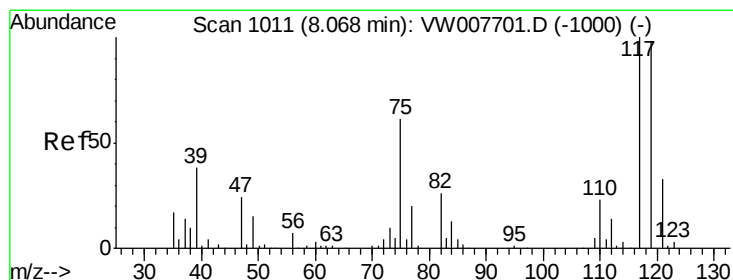
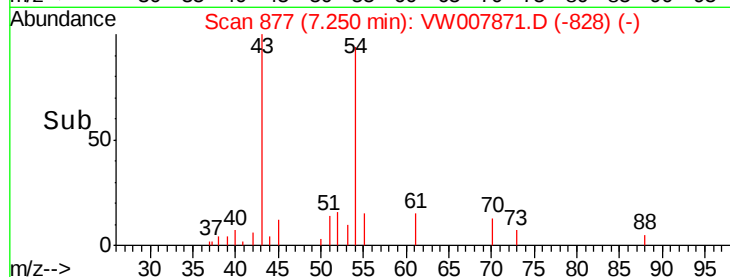
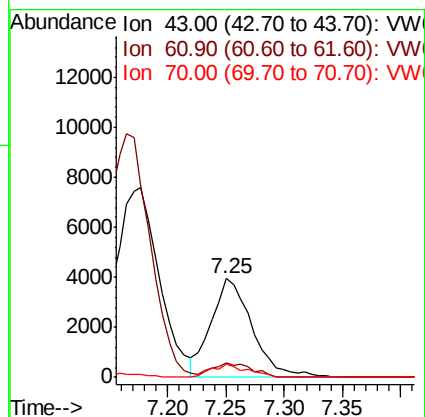
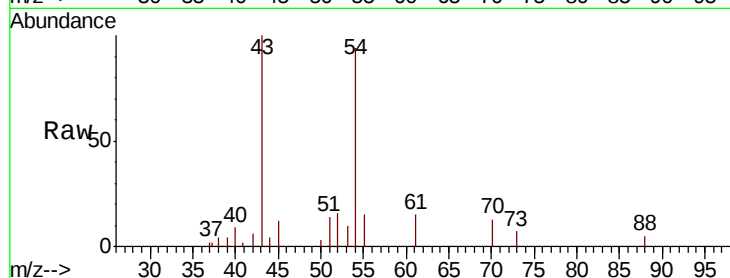
Tgt Ion: 43 Resp: 9597

Ion Ratio Lower Upper

43 100

61 14.3 11.2 16.8

70 11.5 9.3 13.9



#38

Carbon Tetrachloride

Concen: 17.654 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

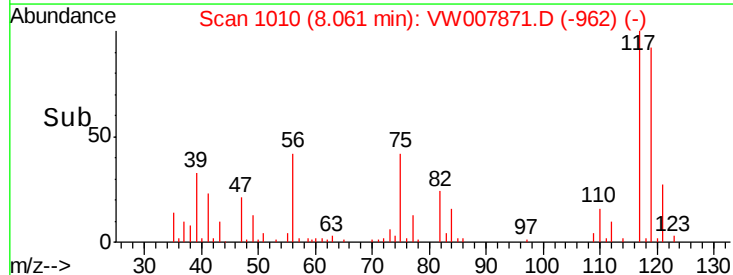
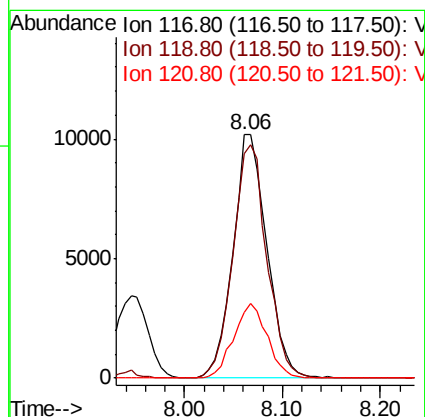
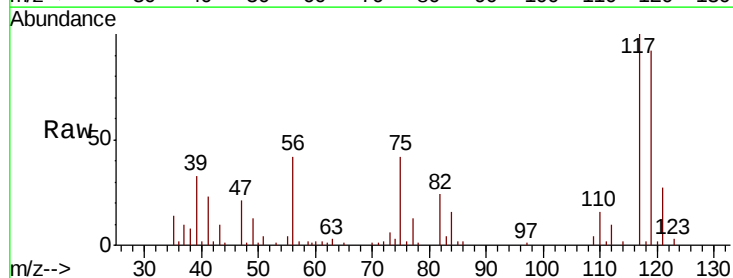
Tgt Ion: 117 Resp: 24527

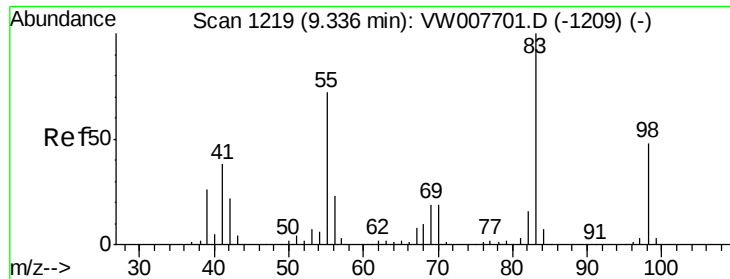
Ion Ratio Lower Upper

117 100

119 92.3 78.2 117.2

121 26.9 26.1 39.1

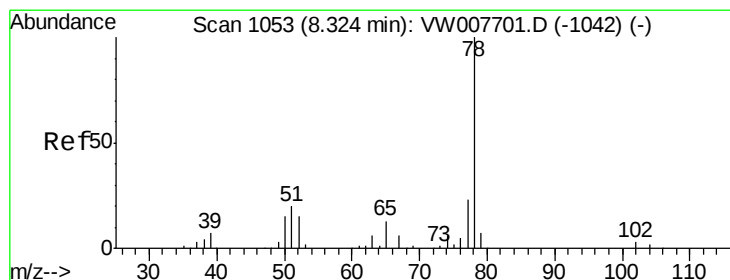
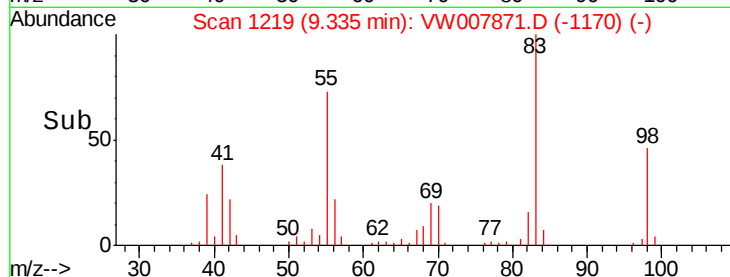
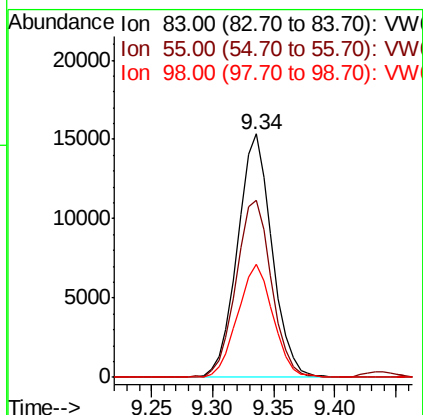
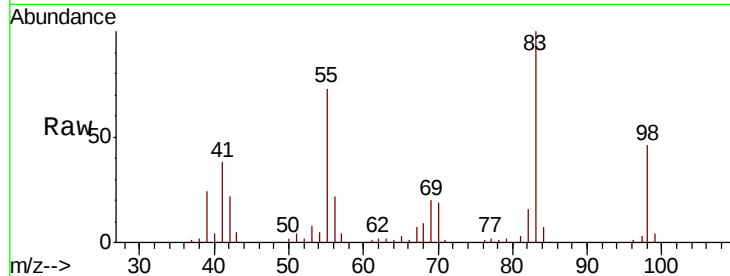




#39
Methylcyclohexane
Concen: 20.495 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

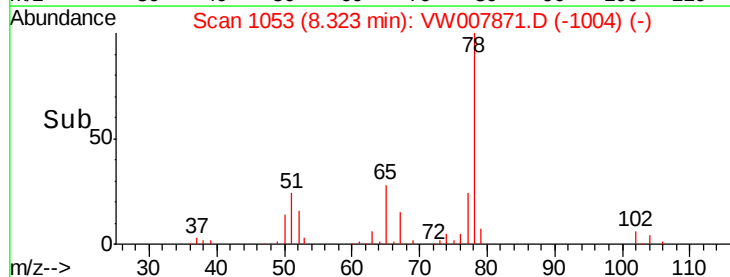
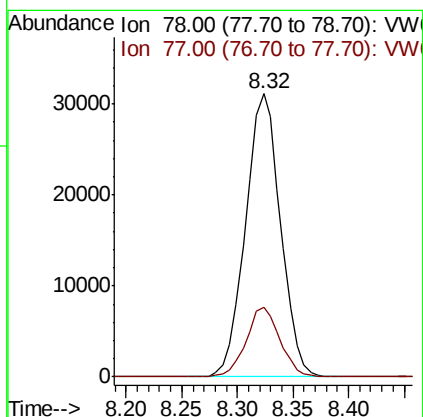
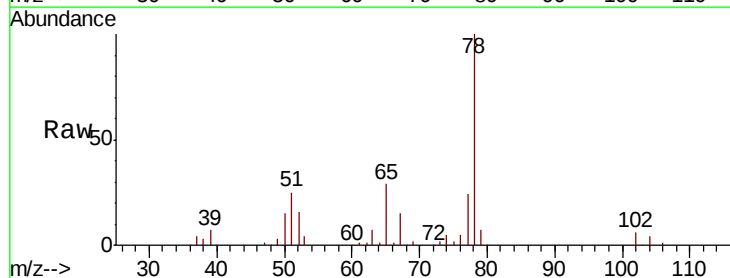
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

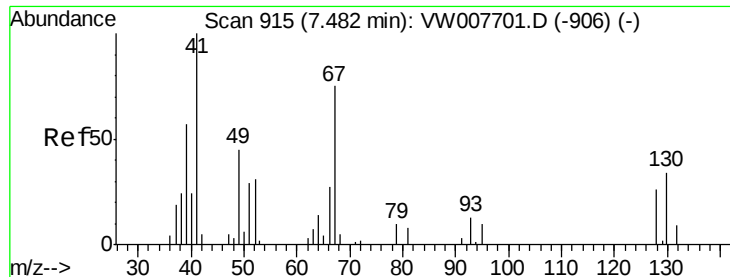
Tgt Ion: 83 Resp: 30043
Ion Ratio Lower Upper
83 100
55 72.9 57.2 85.8
98 46.4 38.6 58.0



#40
Benzene
Concen: 21.583 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 78 Resp: 67943
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1

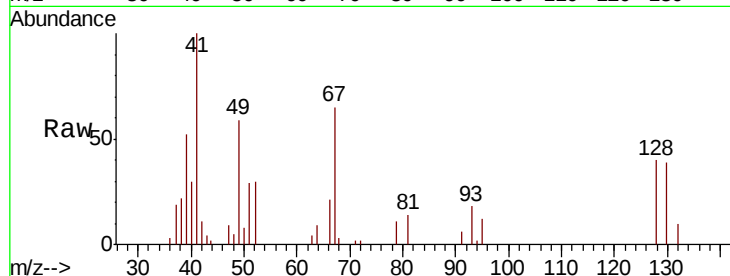




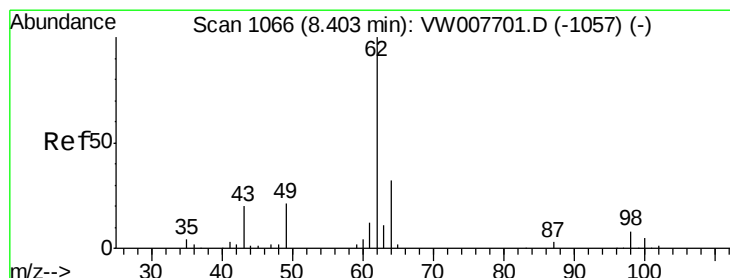
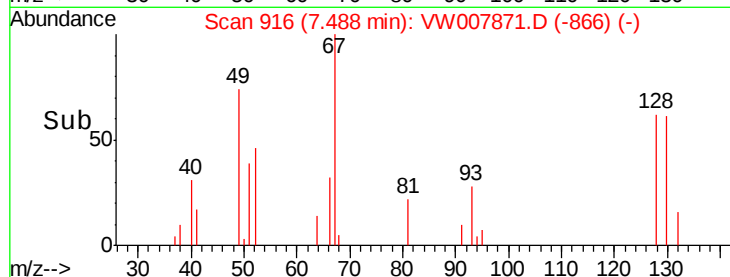
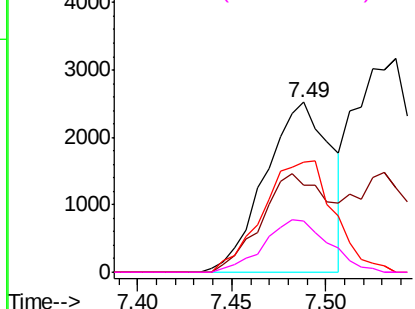
#41
Methacrylonitrile
Concen: 26.446 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 41 Resp: 6113
Ion Ratio Lower Upper
41 100
39 59.4 54.2 81.4
67 70.3 65.7 98.5
52 30.5 26.2 39.4

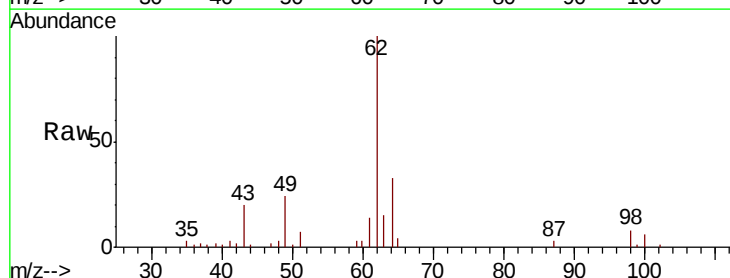


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

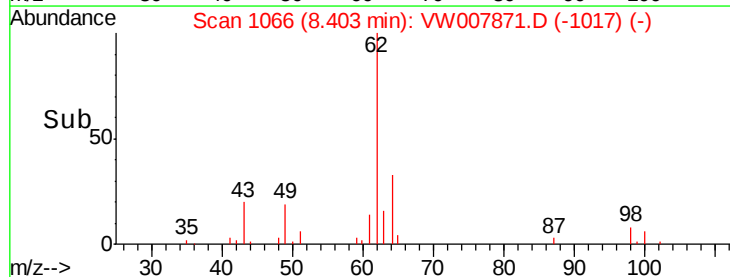
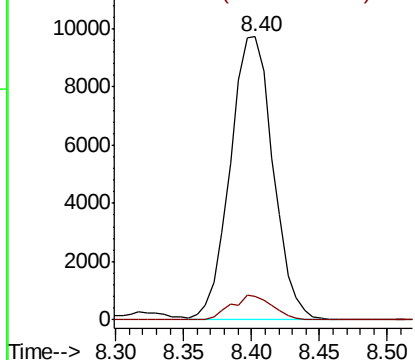


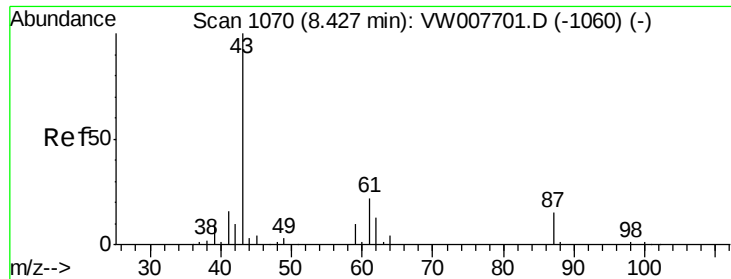
#42
1,2-Dichloroethane
Concen: 20.293 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 62 Resp: 21408
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6



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





#43

Isopropyl Acetate

Concen: 22.751 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

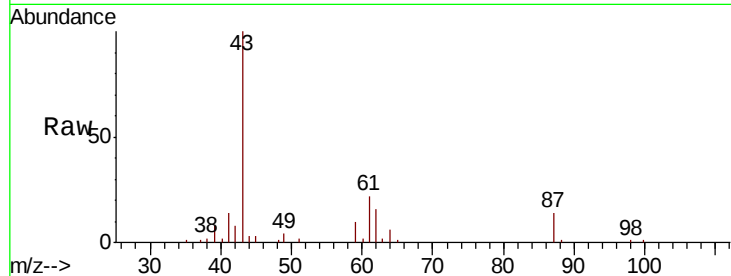
Tgt Ion: 43 Resp: 18557

Ion Ratio Lower Upper

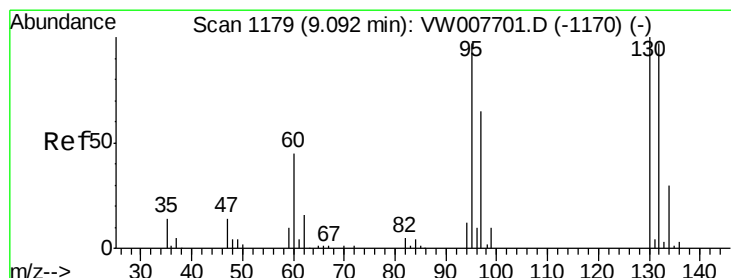
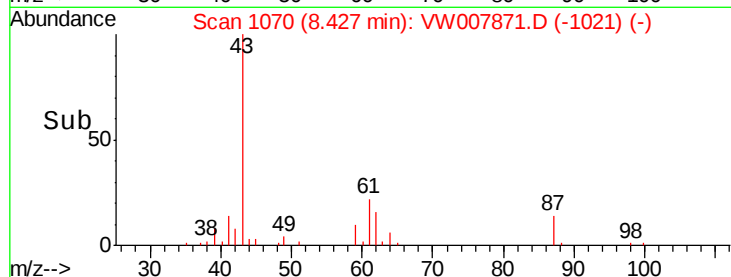
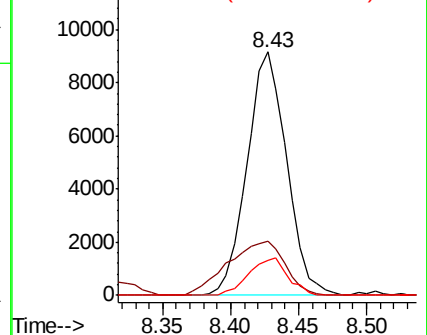
43 100

61 31.9 26.3 39.5

87 14.8 12.0 18.0



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: 20.188 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007871.D

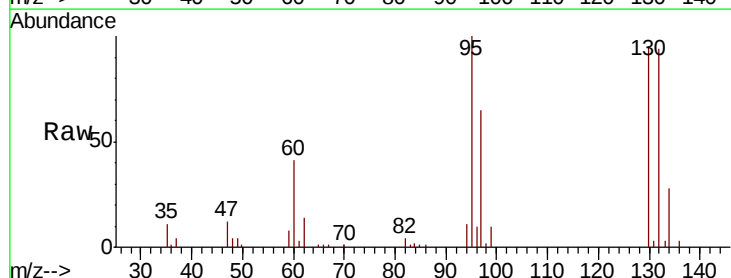
Acq: 23 Dec 2018 05:16

Tgt Ion: 130 Resp: 19219

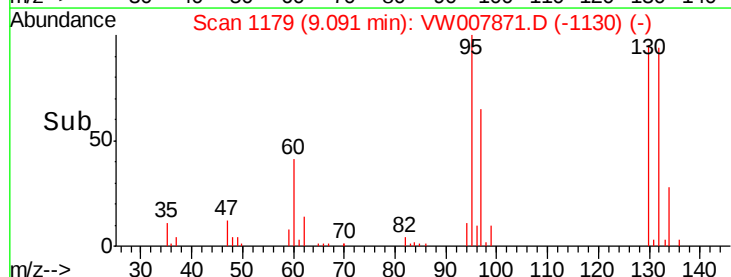
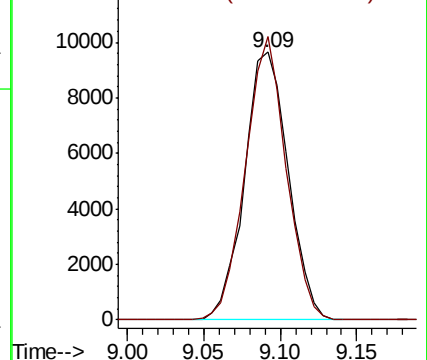
Ion Ratio Lower Upper

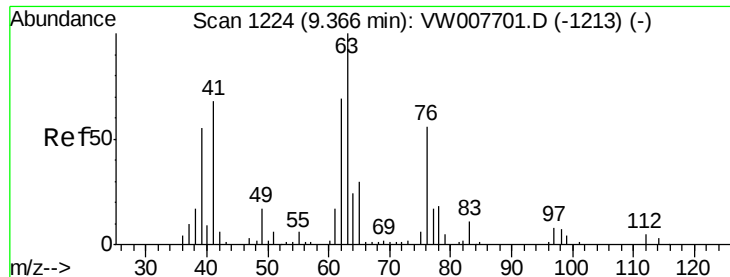
130 100

95 105.8 0.0 194.8



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





#45

1,2-Dichloropropane

Concen: 22.759 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

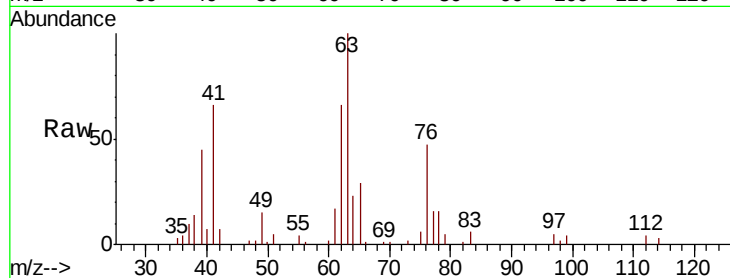
VW1224SBS02

Tgt Ion: 63 Resp: 15897

Ion Ratio Lower Upper

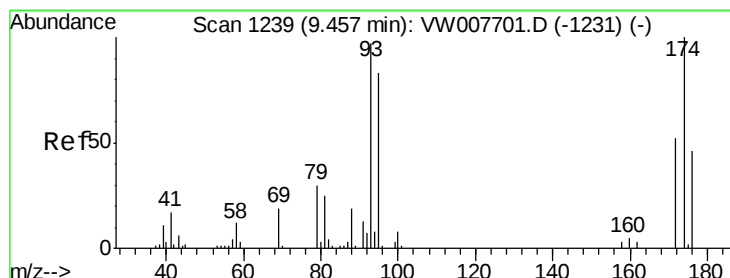
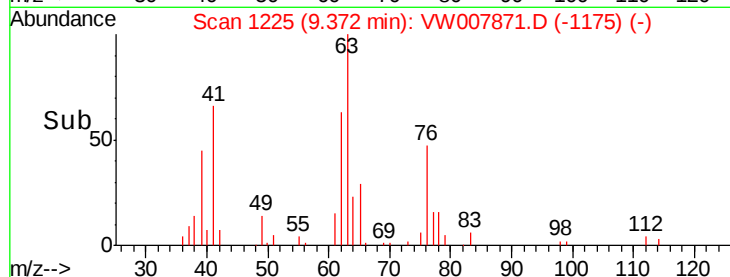
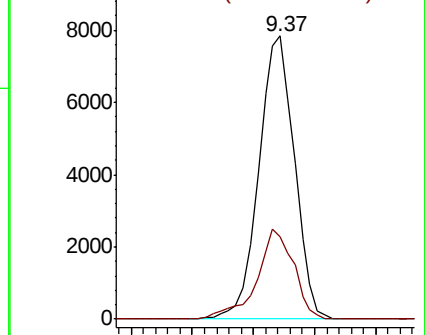
63 100

65 29.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 20.715 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

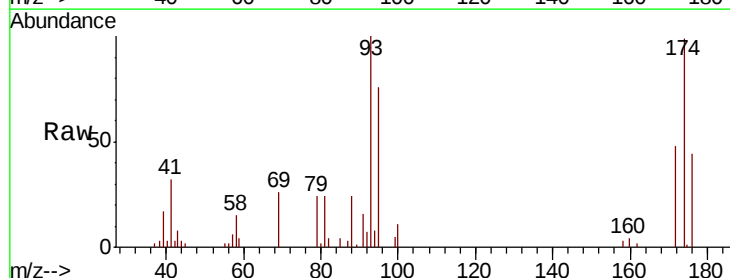
Tgt Ion: 93 Resp: 8907

Ion Ratio Lower Upper

93 100

95 78.7 67.5 101.3

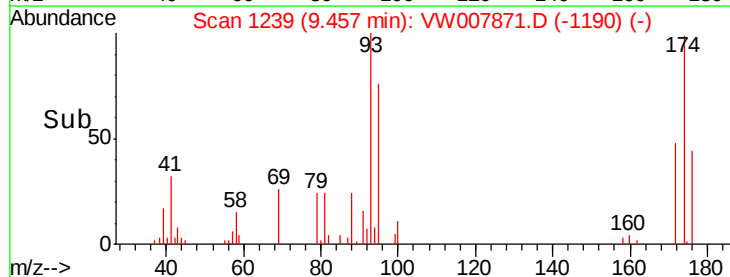
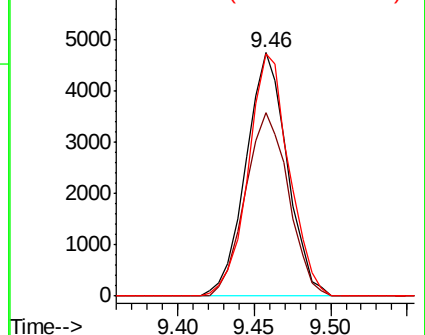
174 98.4 83.9 125.9

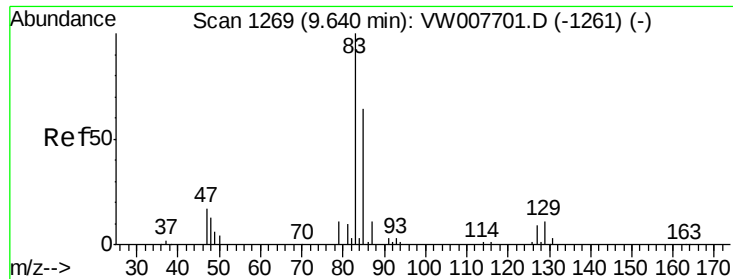


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

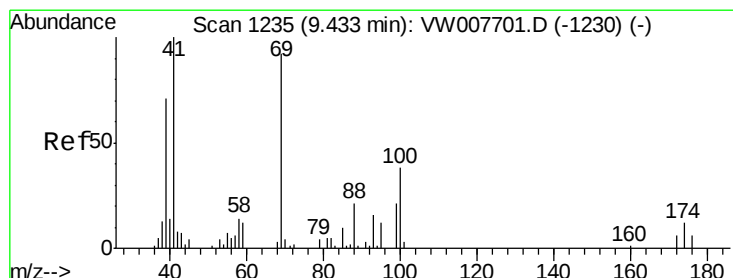
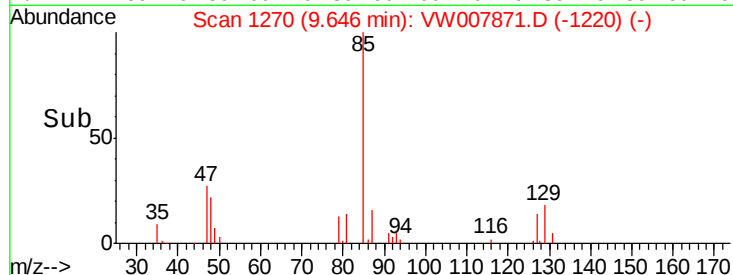
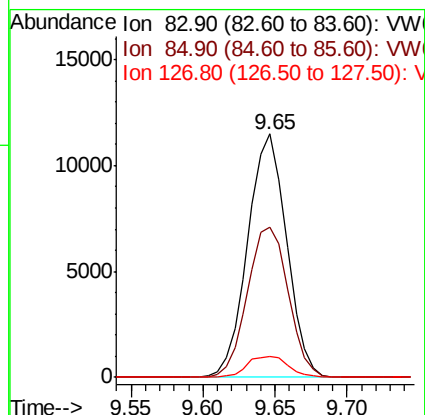
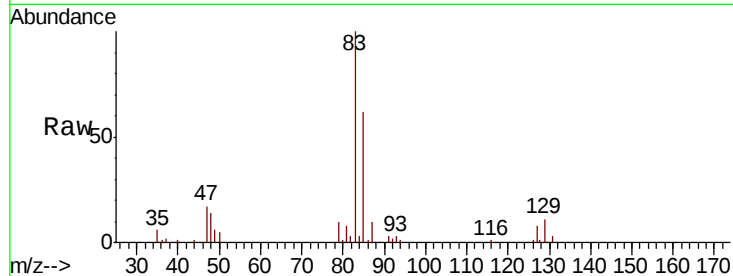




#47
Bromodichloromethane
Concen: 18.999 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

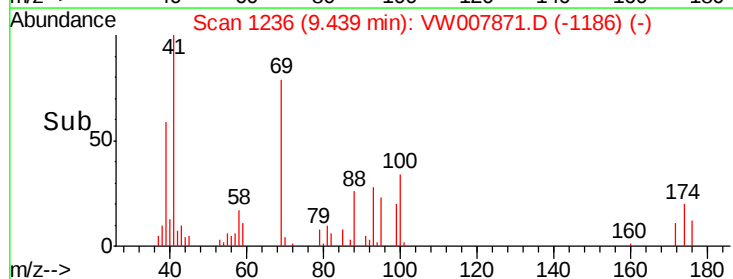
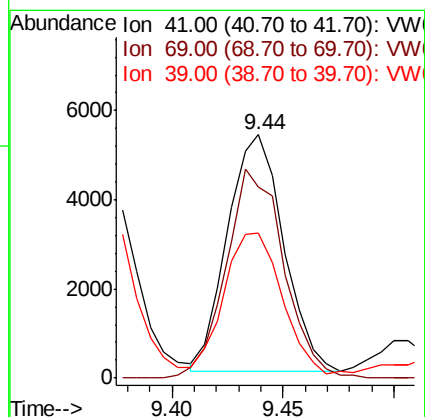
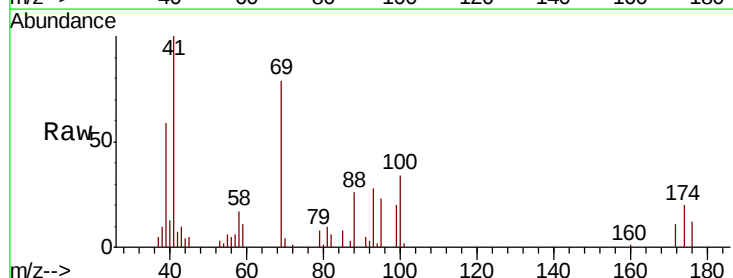
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

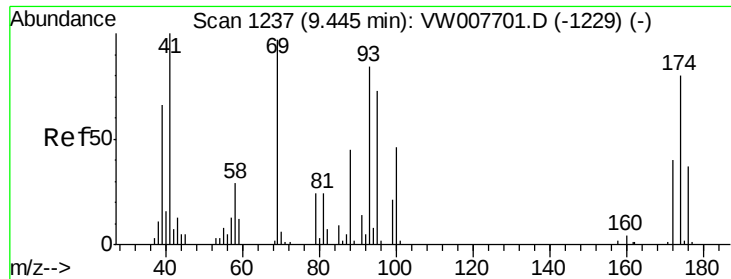
Tgt Ion: 83 Resp: 21476
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.0
127 8.4 7.5 11.3



#48
Methyl methacrylate
Concen: 22.810 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 41 Resp: 9287
Ion Ratio Lower Upper
41 100
69 91.4 74.2 111.2
39 60.6 53.9 80.9

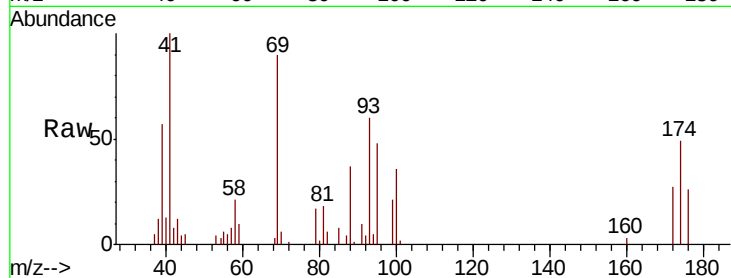




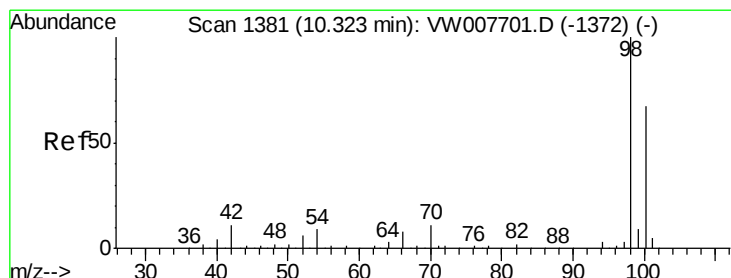
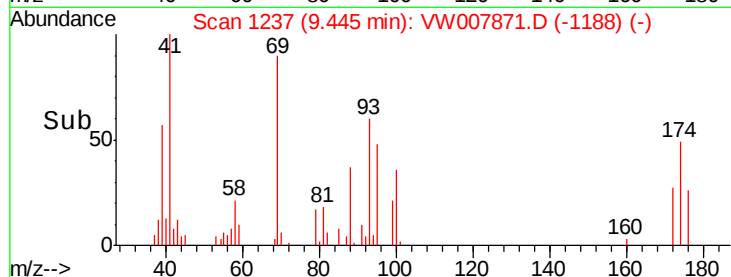
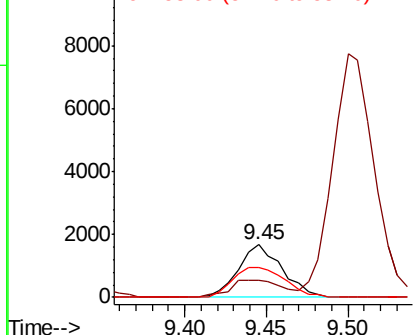
#49
1,4-Dioxane
Concen: 456.054 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 88 Resp: 3109
Ion Ratio Lower Upper
88 100
43 40.5 25.6 38.4#
58 67.5 52.3 78.5

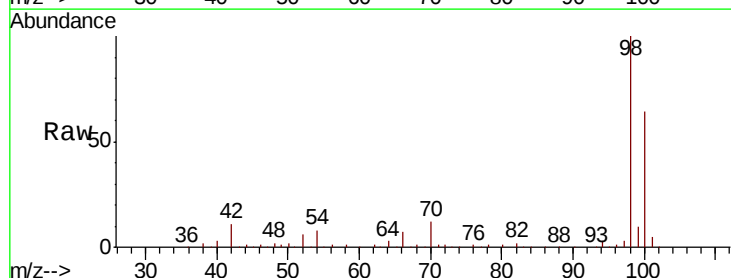


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

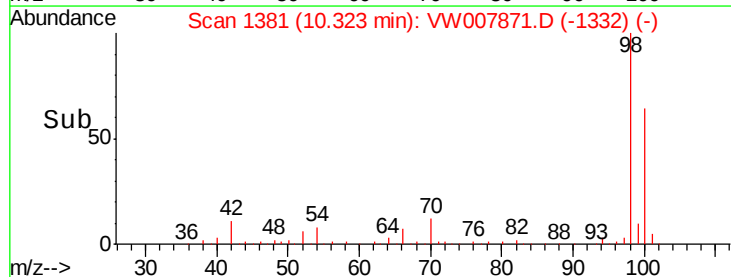
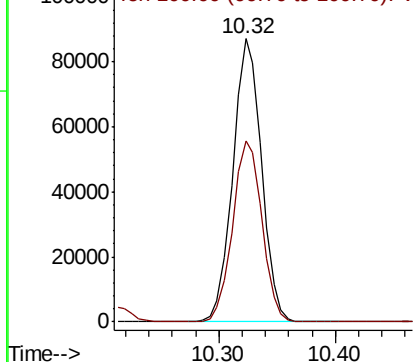


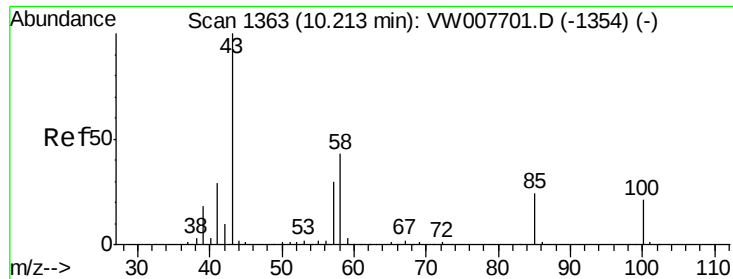
#50
Toluene-d8
Concen: 53.158 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 98 Resp: 149423
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



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

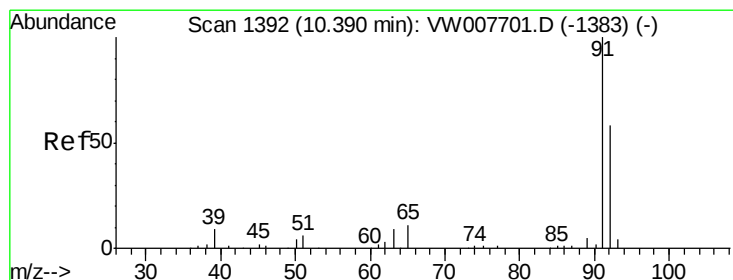
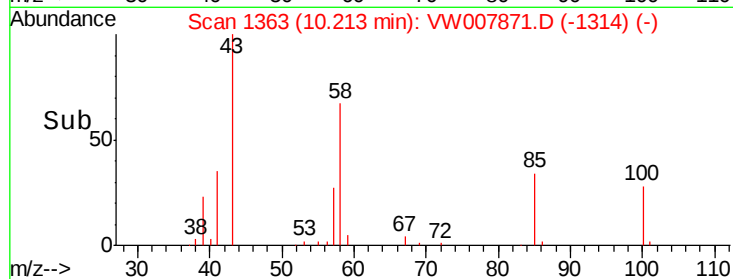
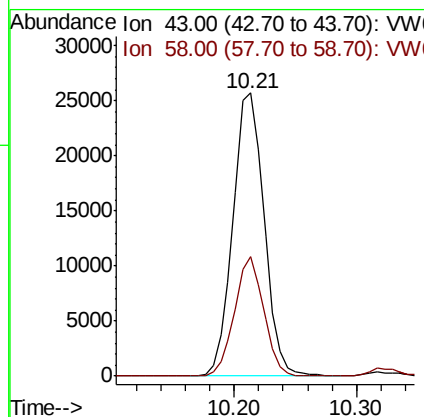
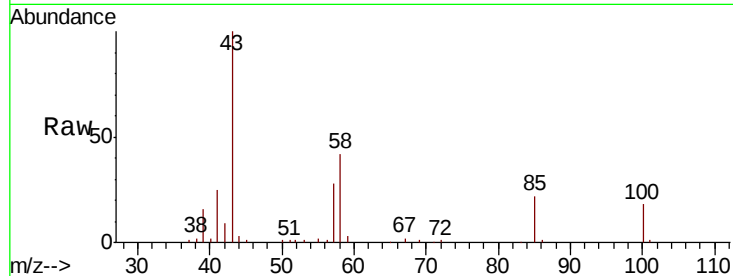




#51
 4-Methyl-2-Pentanone
 Concen: 117.635 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

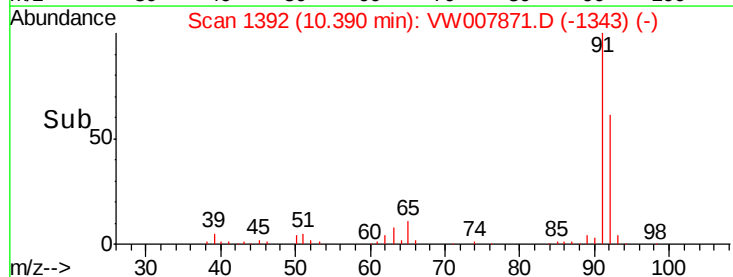
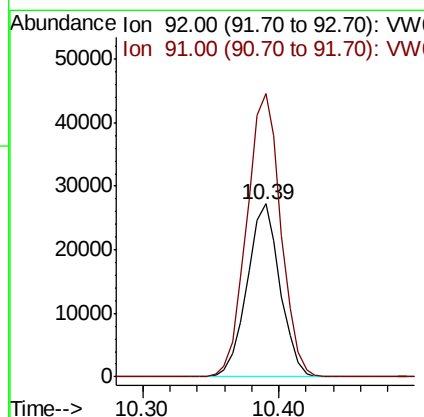
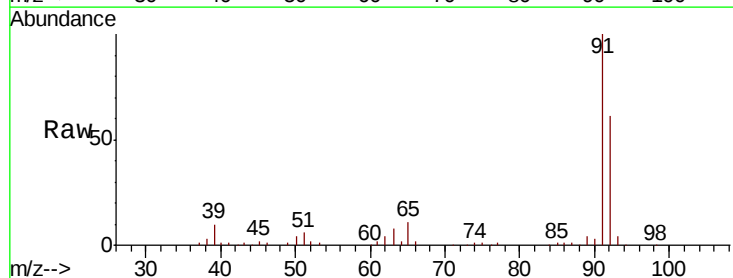
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

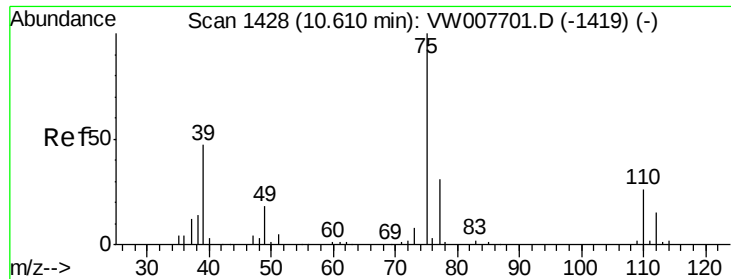
Tgt Ion: 43 Resp: 45346
 Ion Ratio Lower Upper
 43 100
 58 39.6 33.2 49.8



#52
 Toluene
 Concen: 21.784 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 92 Resp: 46009
 Ion Ratio Lower Upper
 92 100
 91 169.9 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.514 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampled :

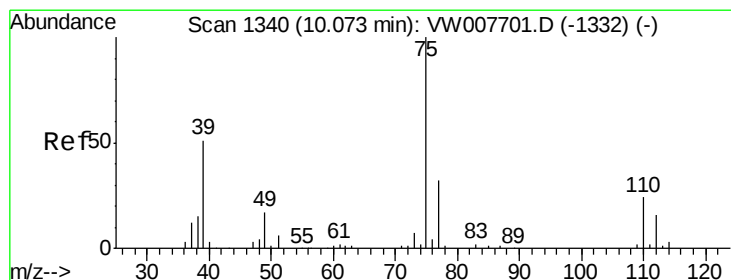
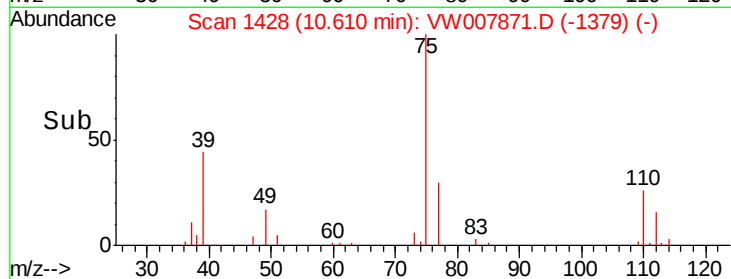
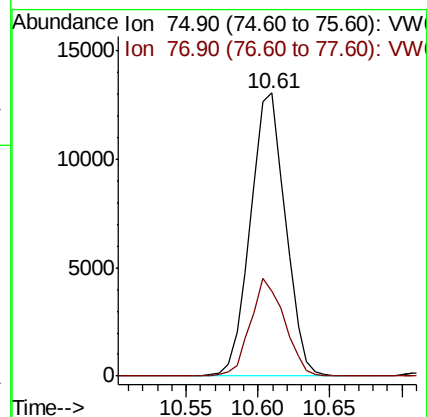
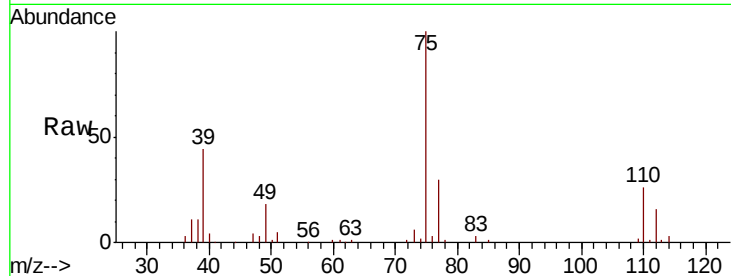
VW1224SBS02

Tgt Ion: 75 Resp: 21941

Ion Ratio Lower Upper

75 100

77 30.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.599 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

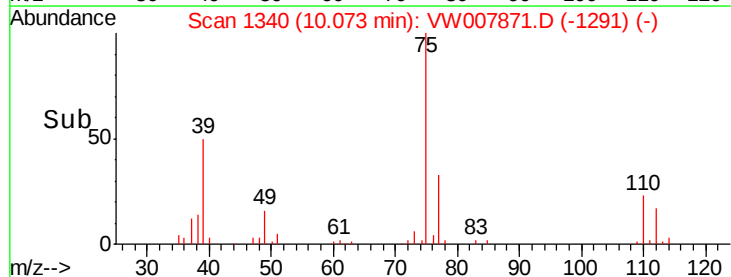
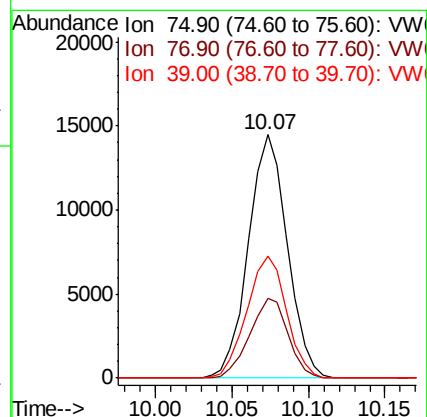
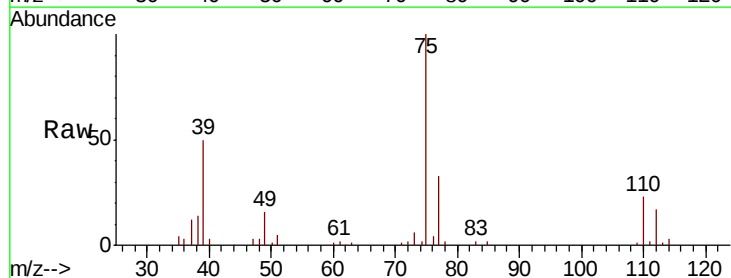
Tgt Ion: 75 Resp: 25583

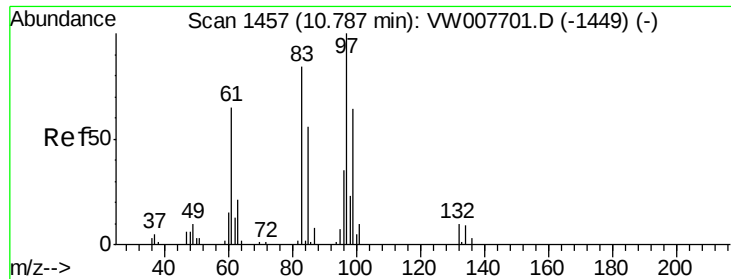
Ion Ratio Lower Upper

75 100

77 32.9 25.5 38.3

39 50.1 41.2 61.8





#55

1,1,2-Trichloroethane

Concen: 21.084 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 97 Resp: 12498

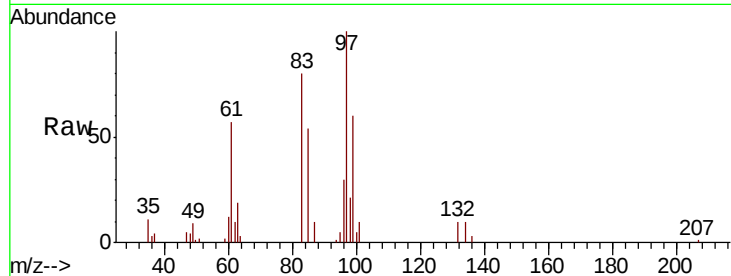
Ion Ratio Lower Upper

97 100

83 79.7 67.5 101.3

85 53.5 44.8 67.2

99 59.7 51.0 76.4

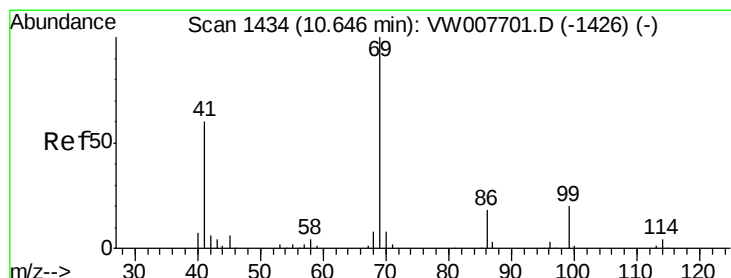
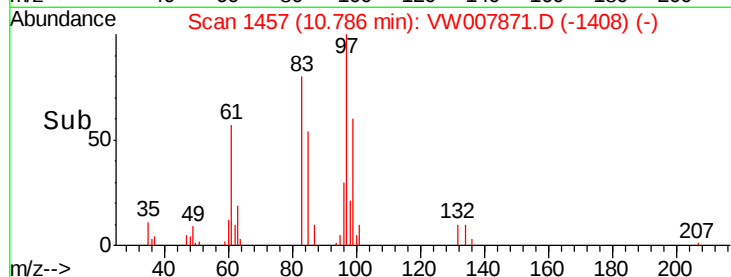
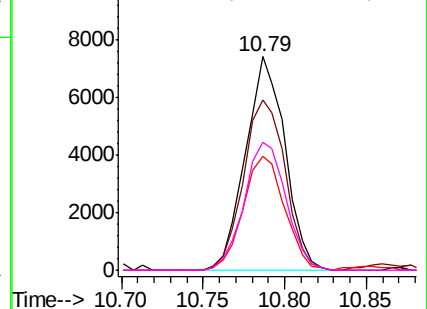


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 21.934 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

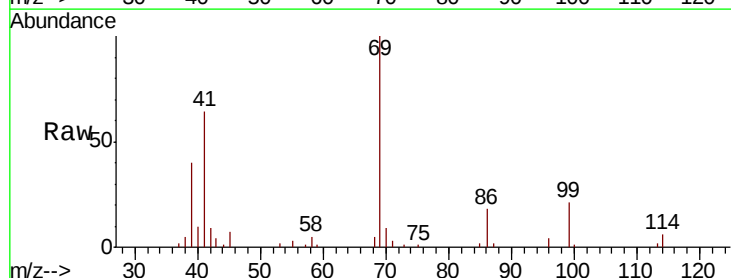
Tgt Ion: 69 Resp: 15362

Ion Ratio Lower Upper

69 100

41 67.6 48.9 73.3

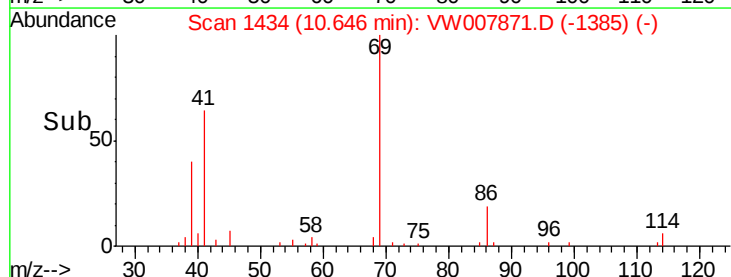
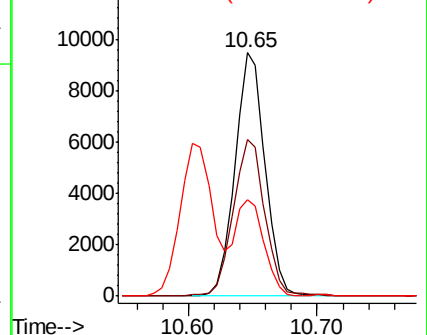
39 38.8 31.3 46.9

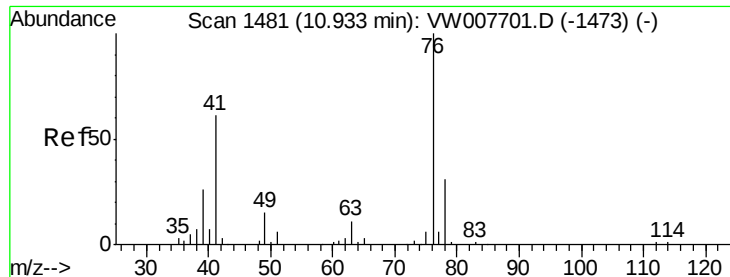


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

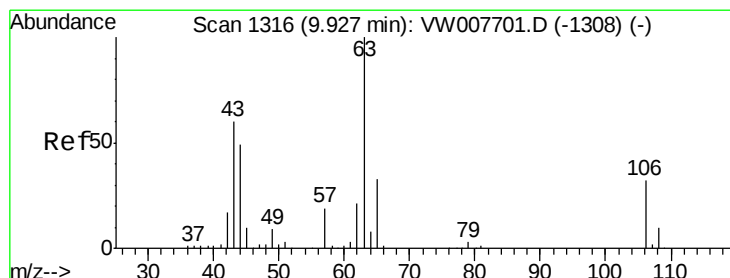
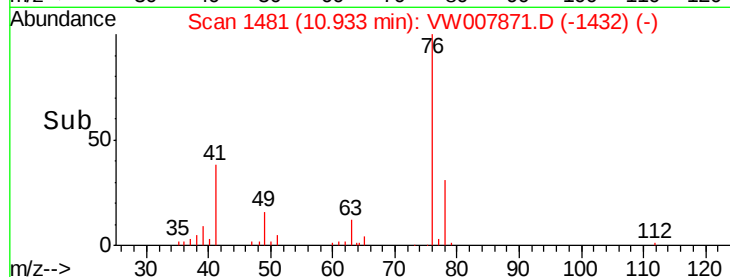
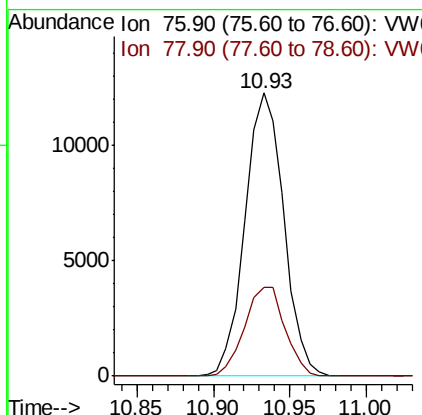
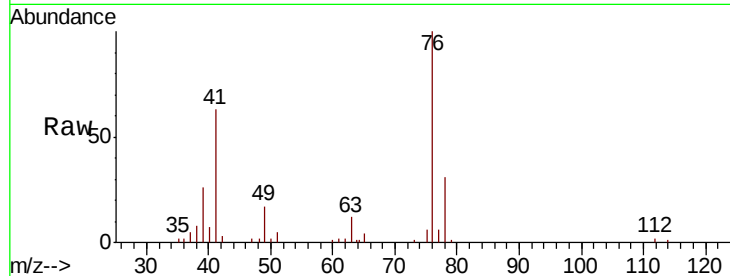




#57
 1,3-Dichloropropane
 Concen: 21.958 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

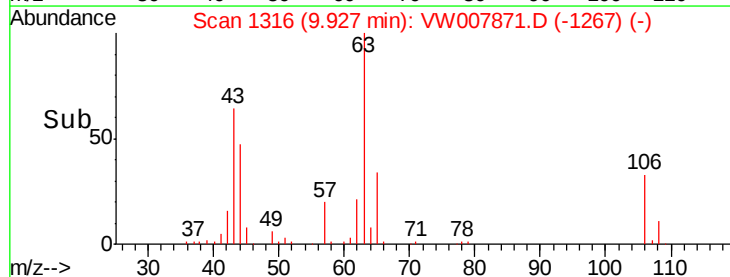
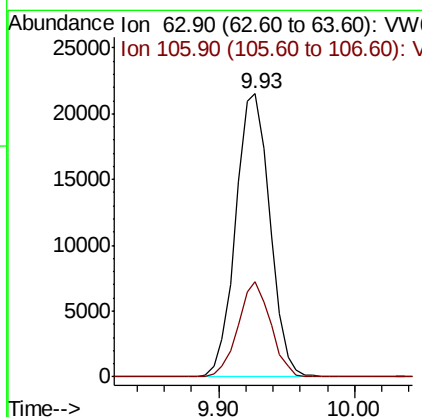
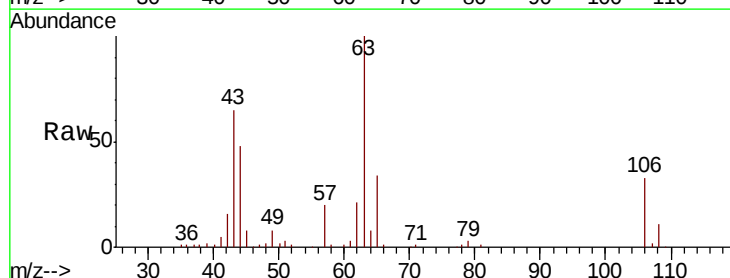
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

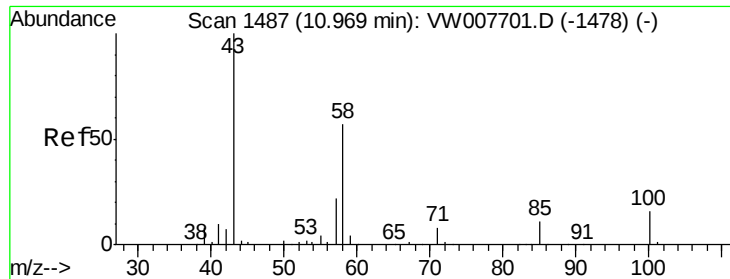
Tgt Ion: 76 Resp: 21614
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.221 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 63 Resp: 37803
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.9 38.9

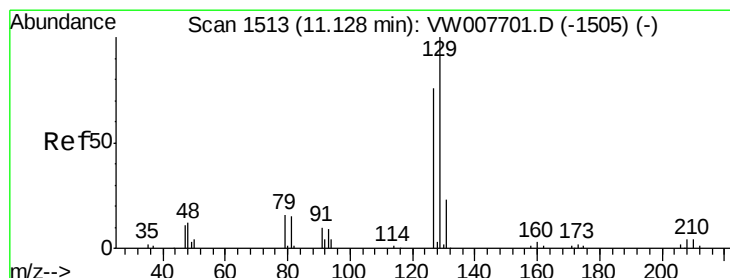
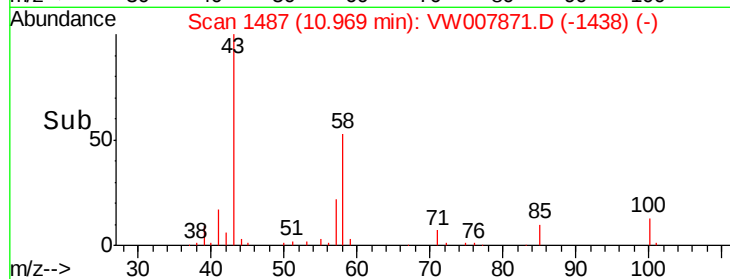
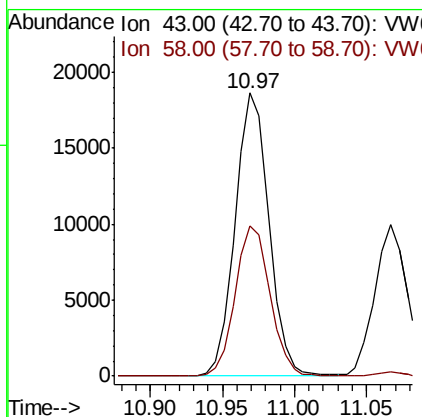
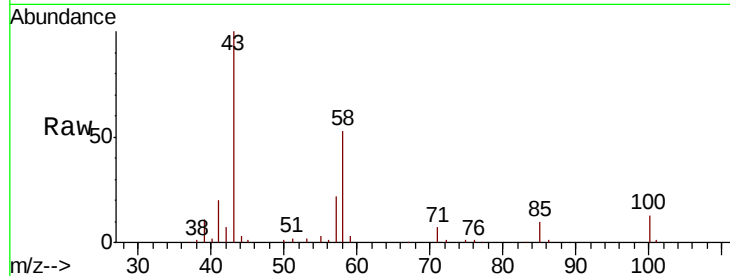




#59
2-Hexanone
Concen: 112.259 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

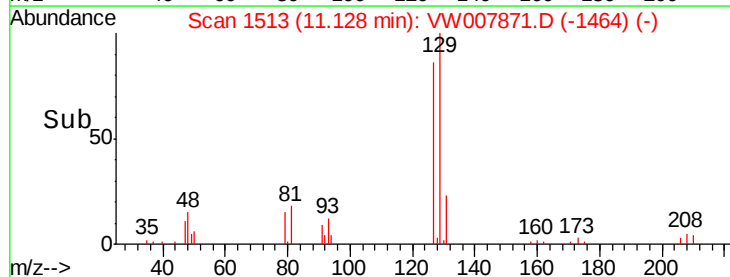
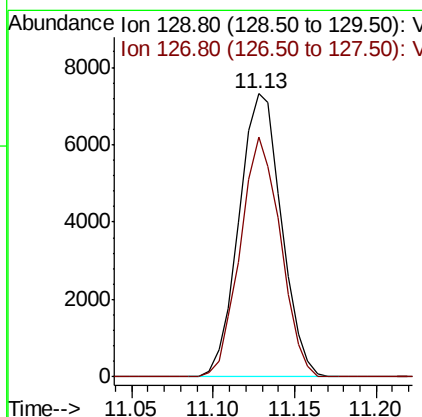
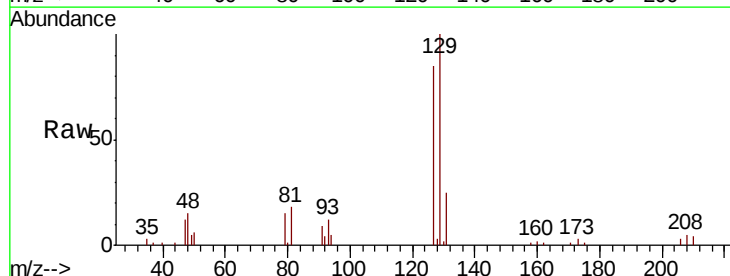
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

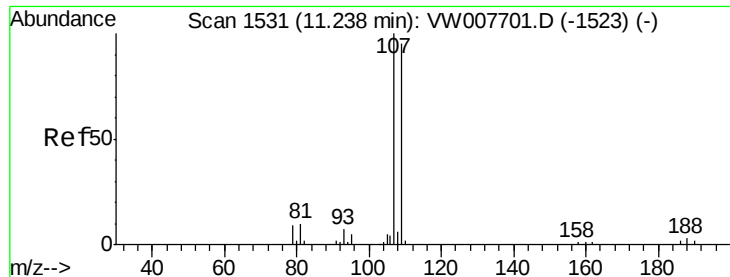
Tgt Ion: 43 Resp: 30433
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1



#60
Dibromochloromethane
Concen: 16.924 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 129 Resp: 13283
Ion Ratio Lower Upper
129 100
127 80.3 38.3 114.9

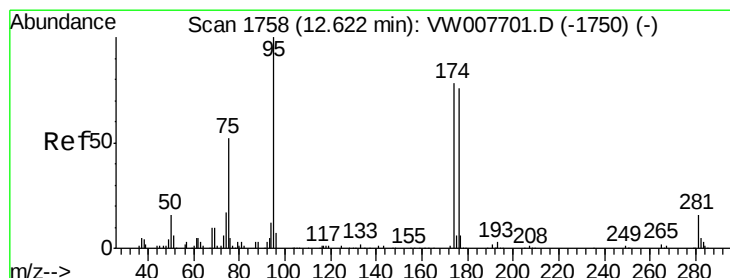
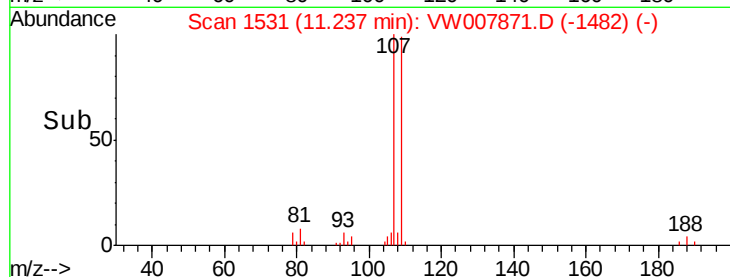
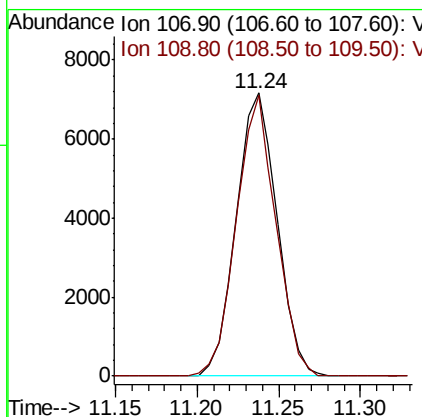
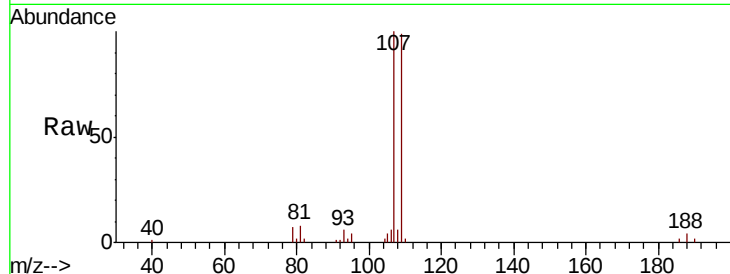




#61
 1,2-Dibromoethane
 Concen: 20.740 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

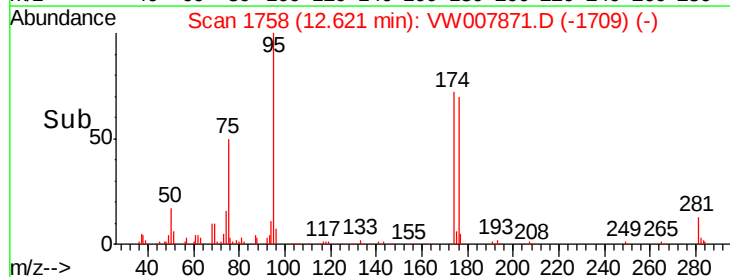
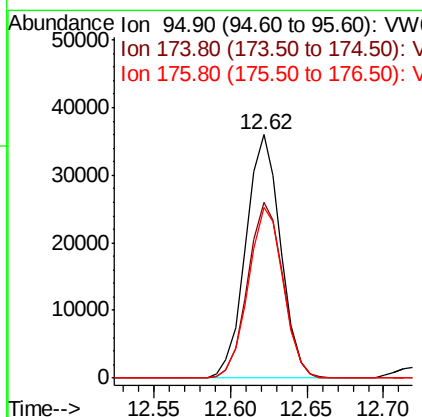
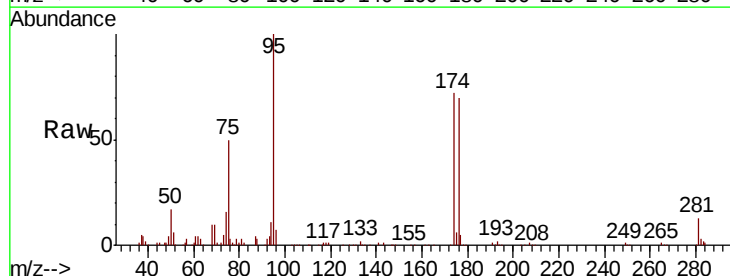
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

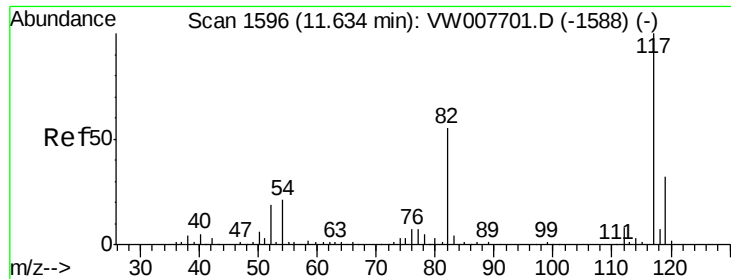
Tgt Ion: 107 Resp: 12450
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.284 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 95 Resp: 56777
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 152.2
 176 70.9 0.0 146.8

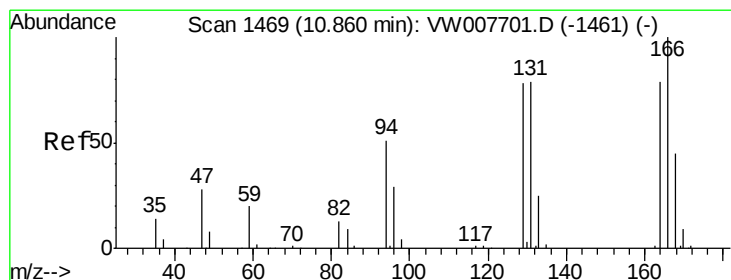
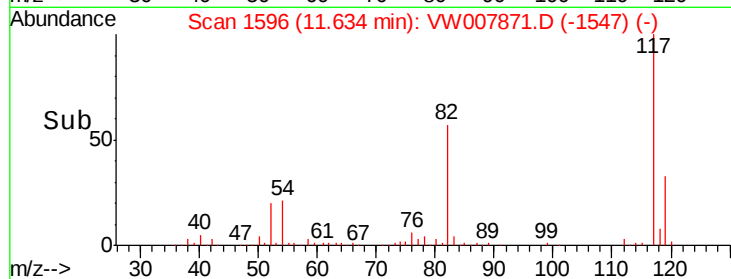
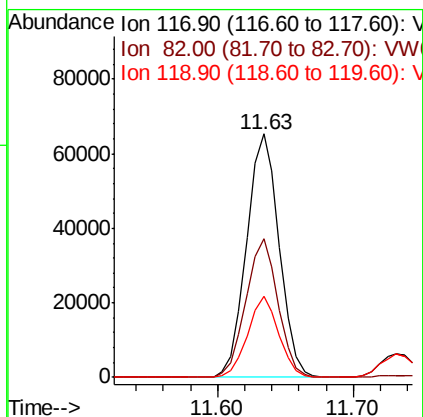
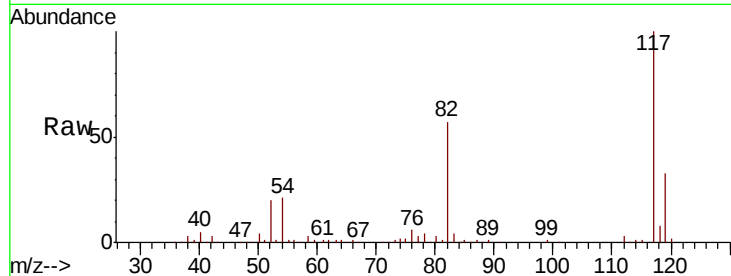




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

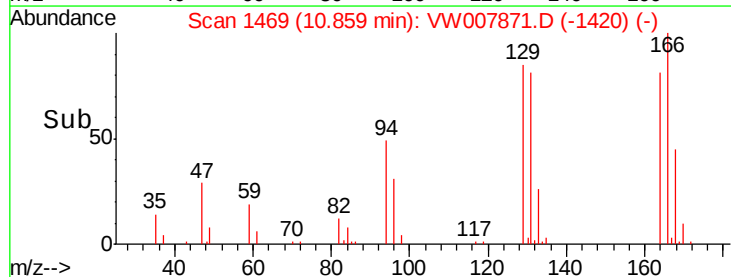
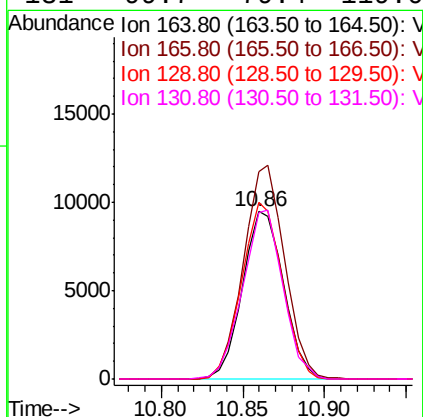
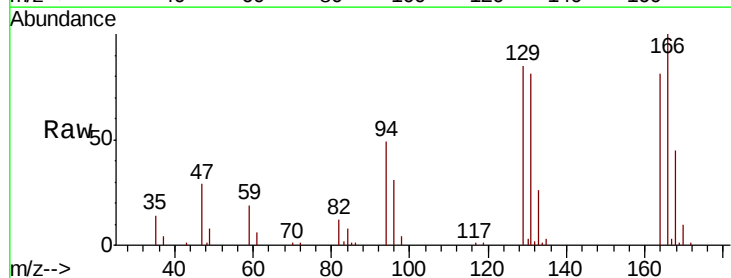
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

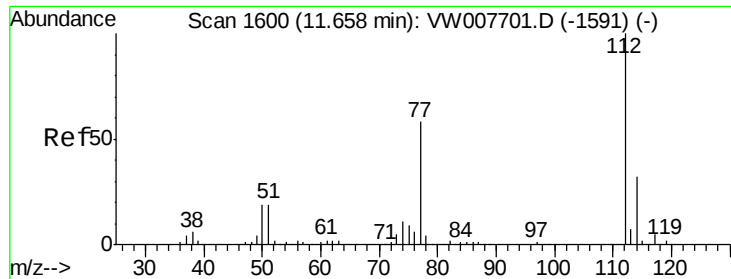
Tgt Ion:117 Resp: 109357
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 33.0 25.7 38.5



#64
Tetrachloroethene
Concen: 21.447 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion:164 Resp: 16608
Ion Ratio Lower Upper
164 100
166 123.8 101.0 151.6
129 105.8 78.7 118.1
131 99.7 79.4 119.0

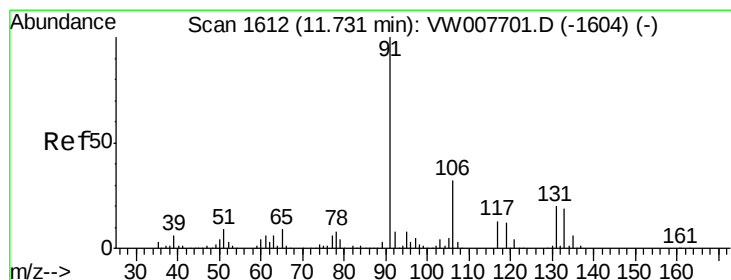
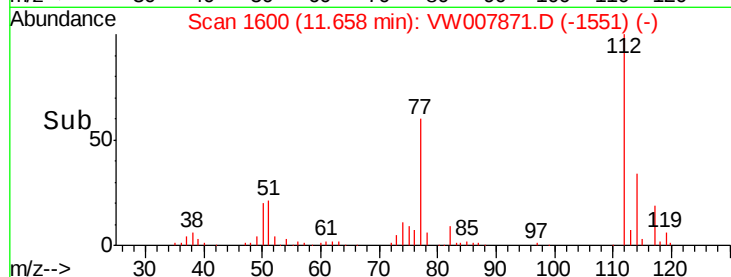
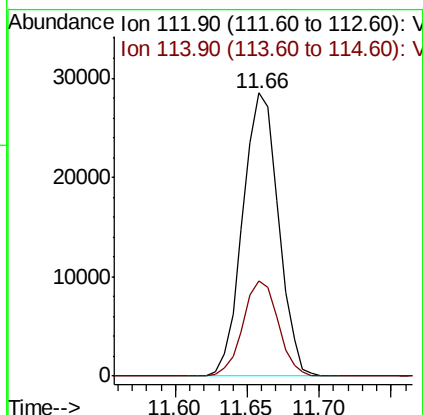
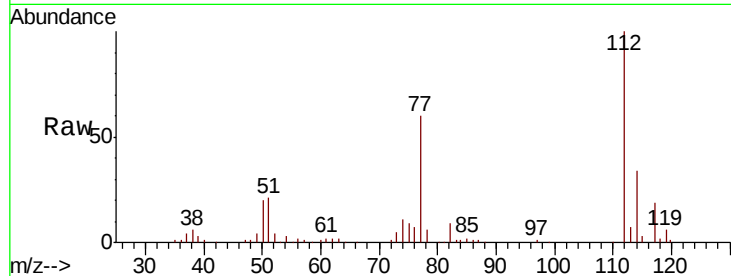




#65
Chlorobenzene
Concen: 20.645 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

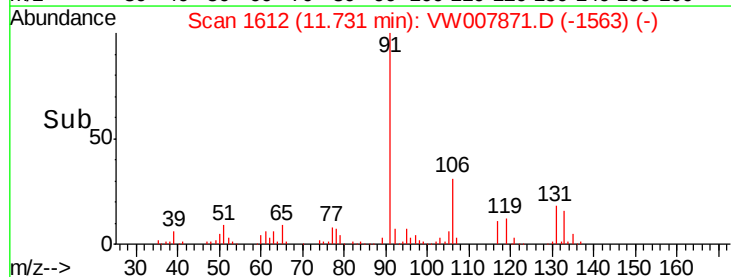
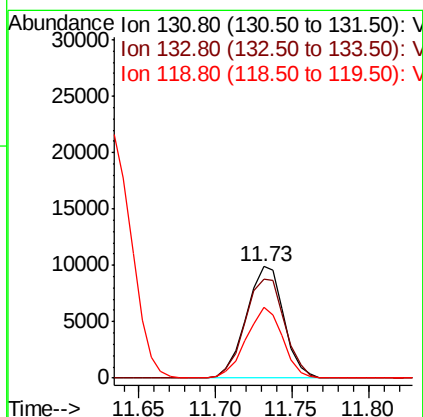
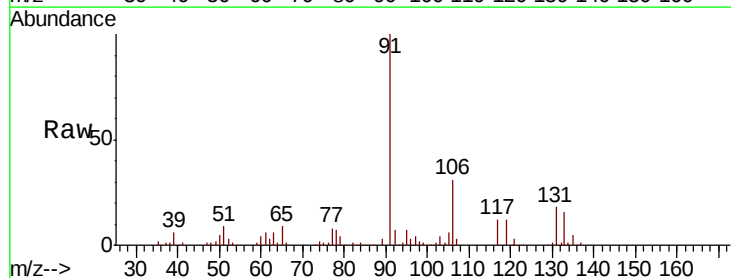
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

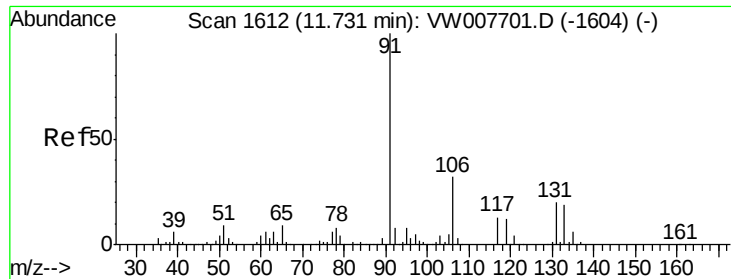
Tgt Ion:112 Resp: 48866
Ion Ratio Lower Upper
112 100
114 33.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.024 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion:131 Resp: 16935
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 61.8 30.2 90.6

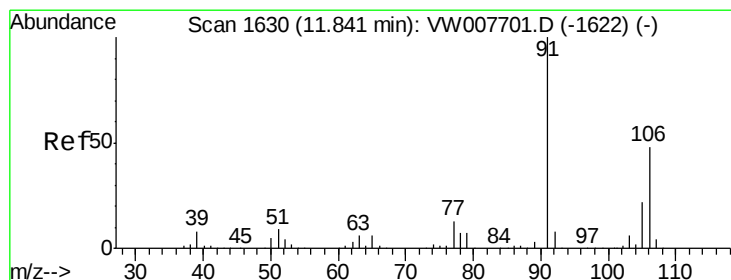
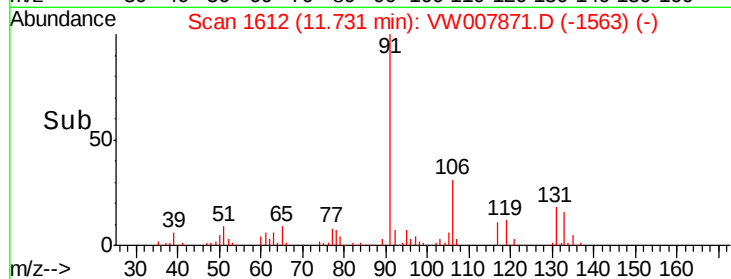
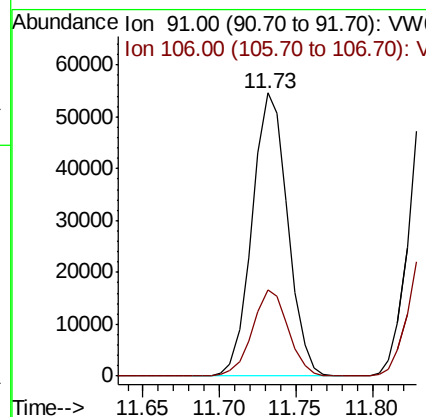
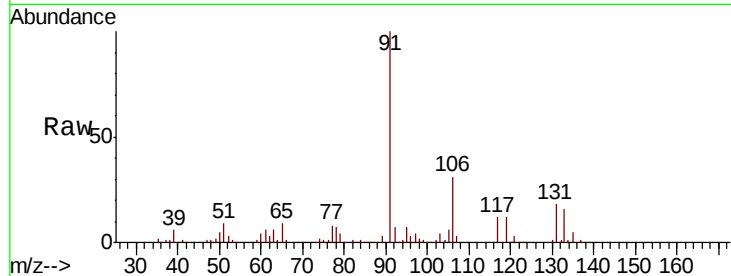




#67
Ethyl Benzene
Concen: 21.704 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

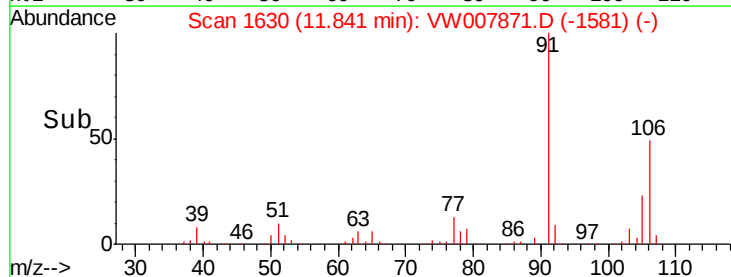
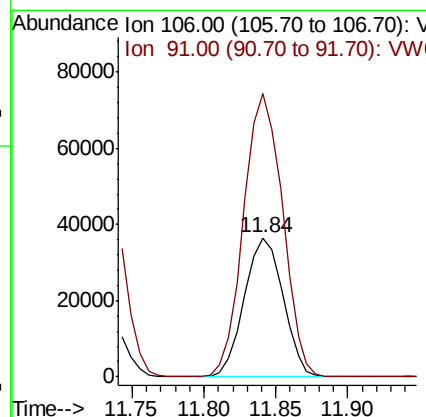
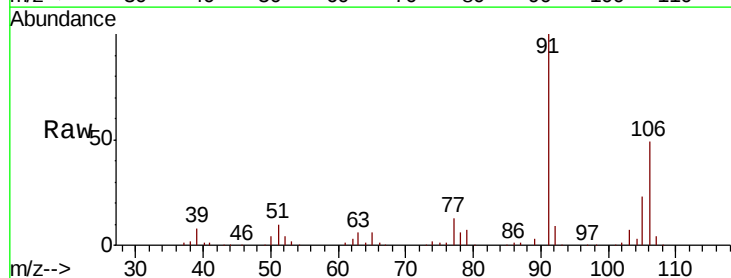
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

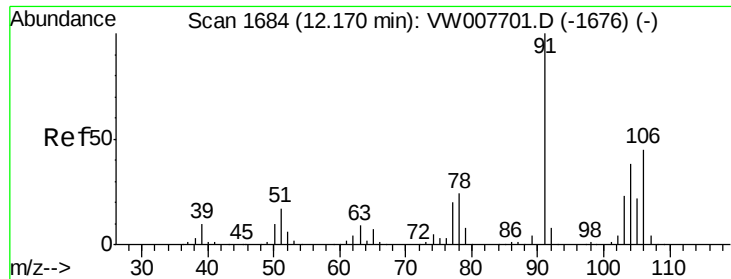
Tgt Ion: 91 Resp: 88156
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.8



#68
m/p-Xylenes
Concen: 43.398 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 106 Resp: 68378
Ion Ratio Lower Upper
106 100
91 204.9 165.2 247.8

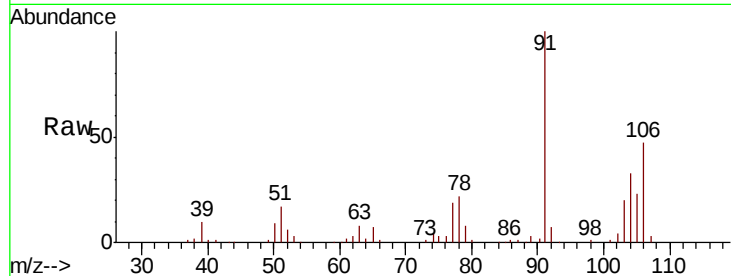




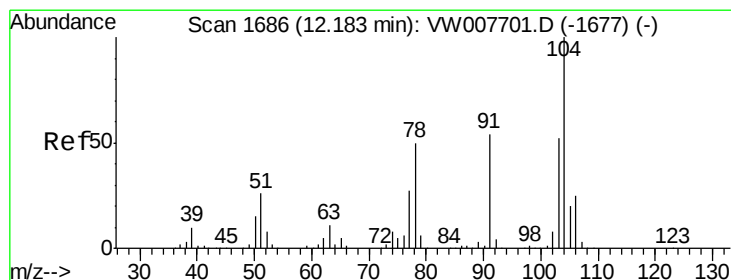
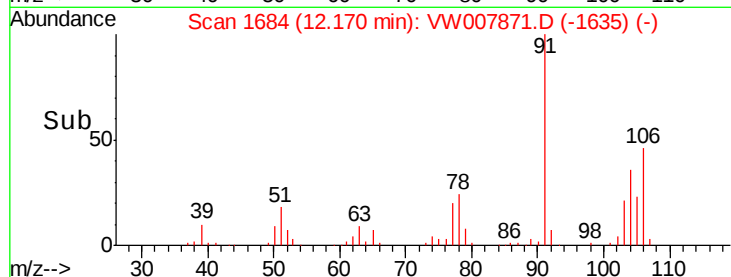
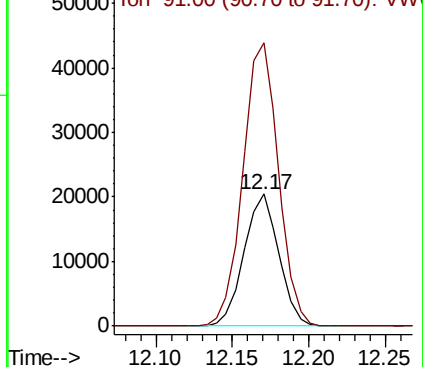
#69
o-Xylene
Concen: 21.858 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion:106 Resp: 32283
Ion Ratio Lower Upper
106 100
91 218.9 110.5 331.4

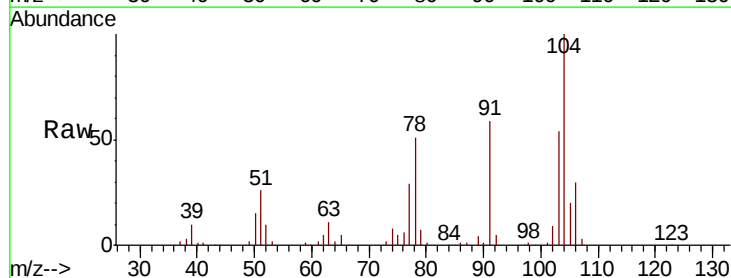


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

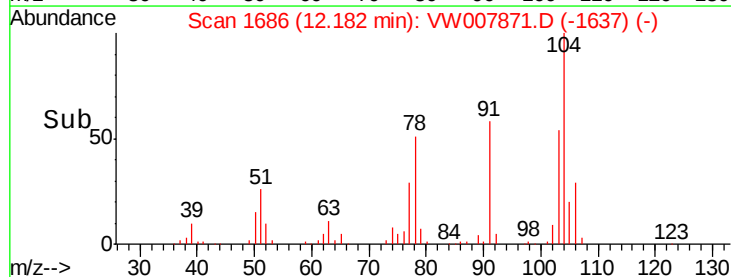
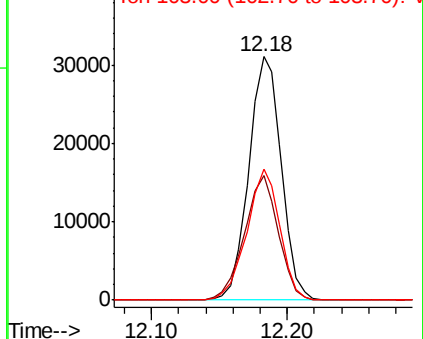


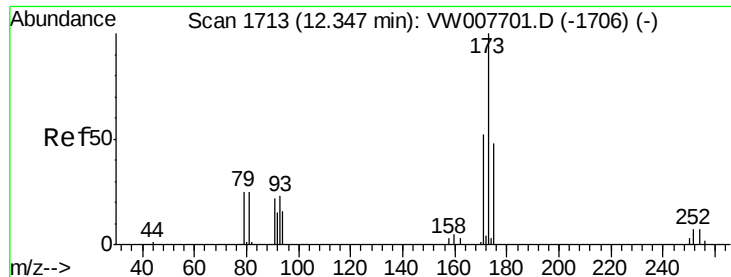
#70
Styrene
Concen: 21.417 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion:104 Resp: 51995
Ion Ratio Lower Upper
104 100
78 53.2 43.4 65.0
103 54.7 44.5 66.7



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





#71

Bromoform

Concen: 16.310 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

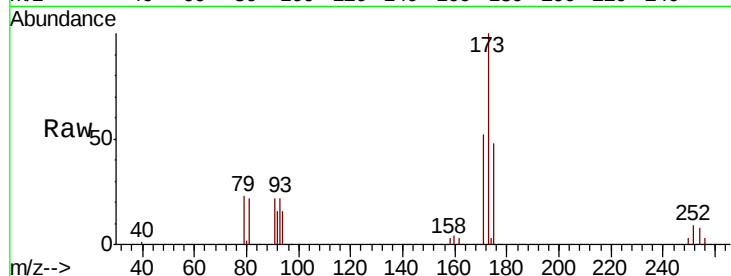
Tgt Ion:173 Resp: 7161

Ion Ratio Lower Upper

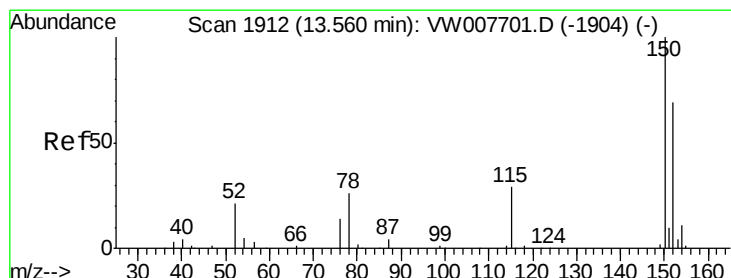
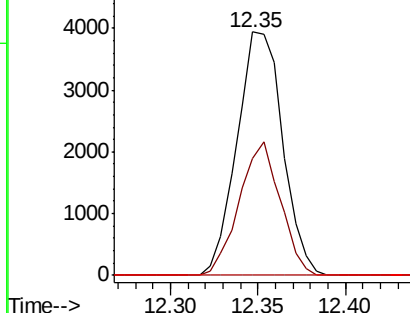
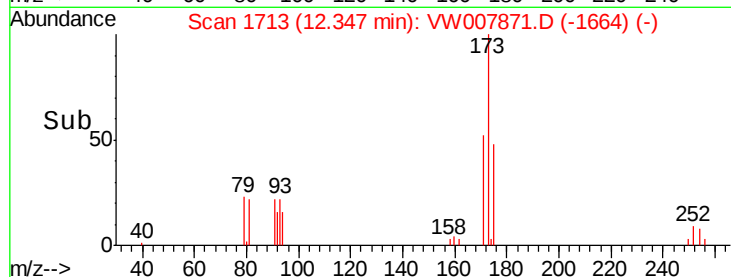
173 100

175 49.3 23.9 71.7

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

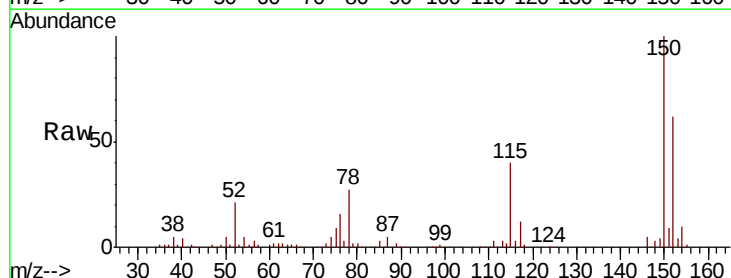
Tgt Ion:152 Resp: 53192

Ion Ratio Lower Upper

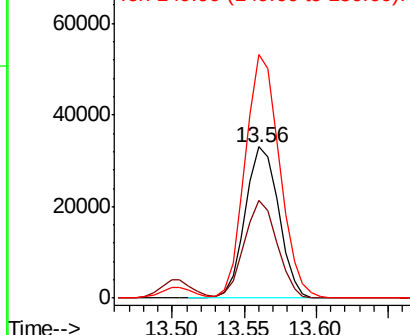
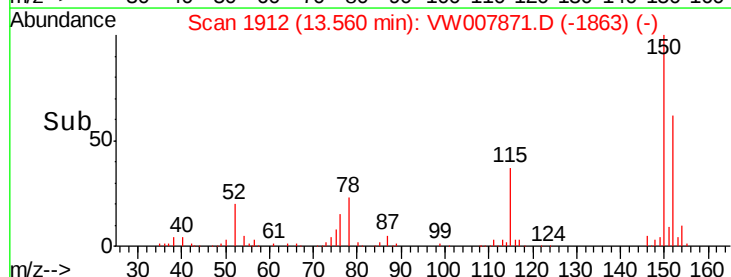
152 100

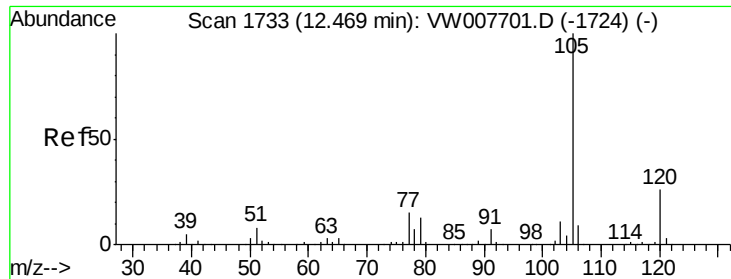
115 63.4 31.8 95.4

150 165.6 0.0 350.8



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

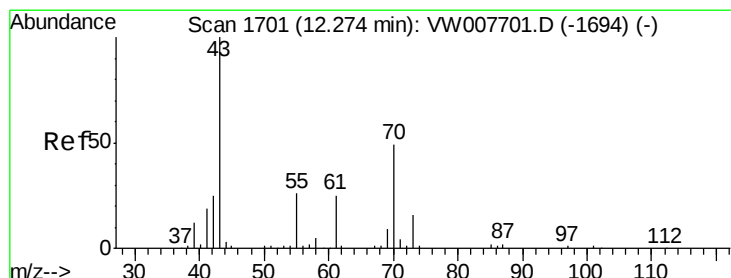
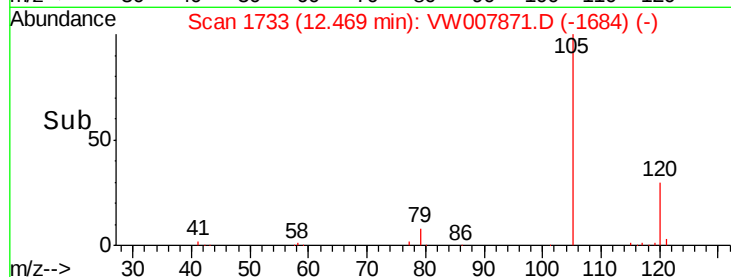
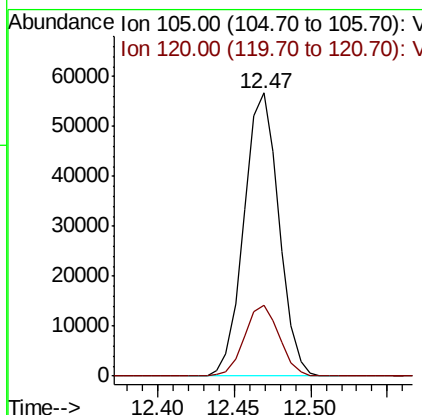
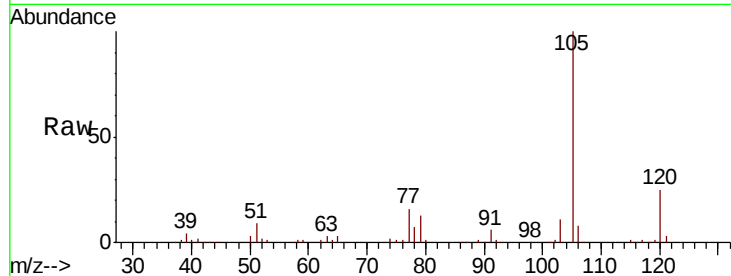




#73
Isopropylbenzene
Concen: 22.385 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

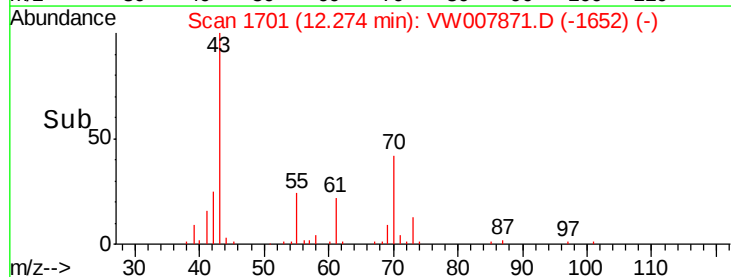
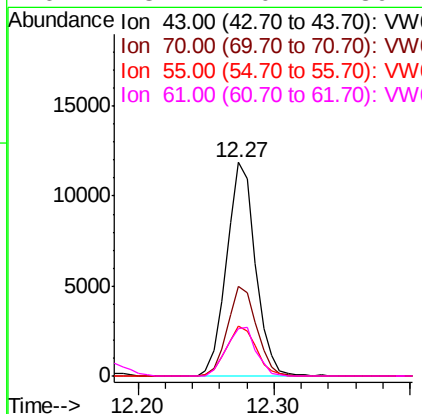
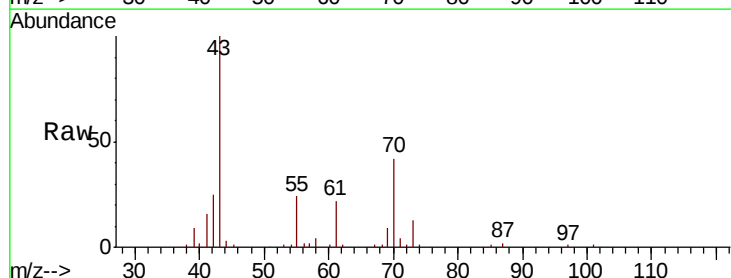
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

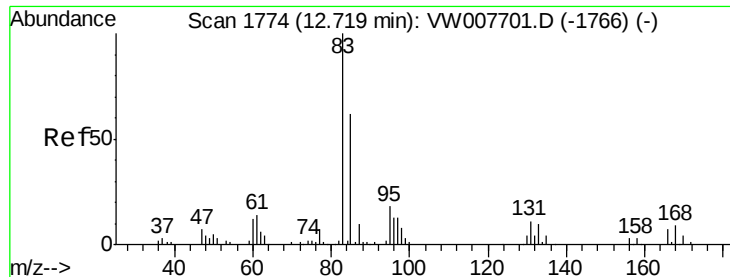
Tgt Ion: 105 Resp: 90004
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.3



#74
N-ethyl acetate
Concen: 25.139 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 43 Resp: 17508
Ion Ratio Lower Upper
43 100
70 42.2 37.6 56.4
55 24.0 21.7 32.5
61 23.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.479 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

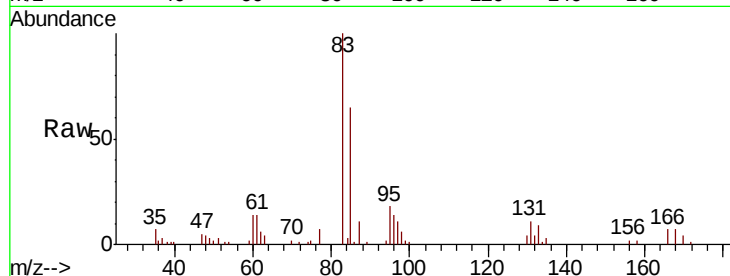
Tgt Ion: 83 Resp: 13551

Ion Ratio Lower Upper

83 100

131 11.8 6.3 18.8

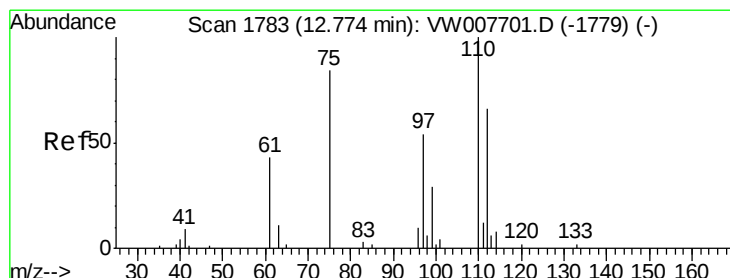
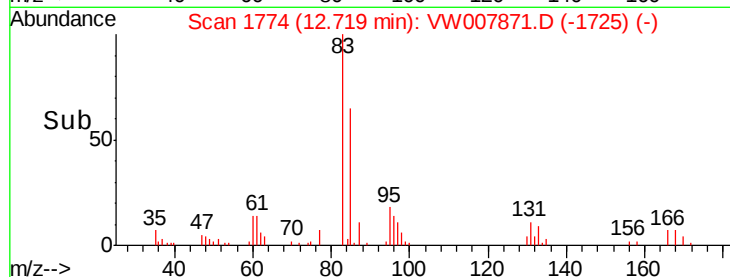
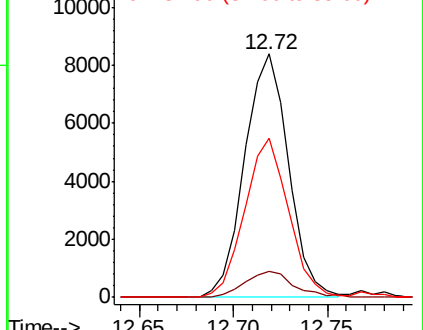
85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 43.967 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007871.D

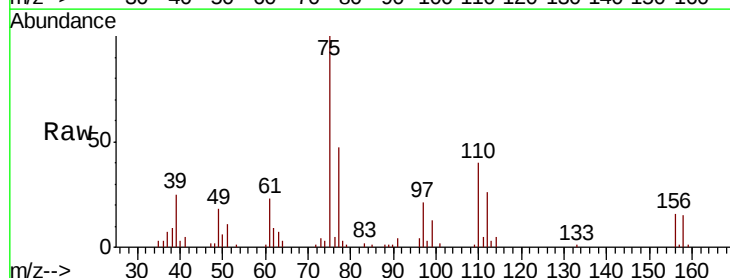
Acq: 23 Dec 2018 05:16

Tgt Ion: 75 Resp: 18076

Ion Ratio Lower Upper

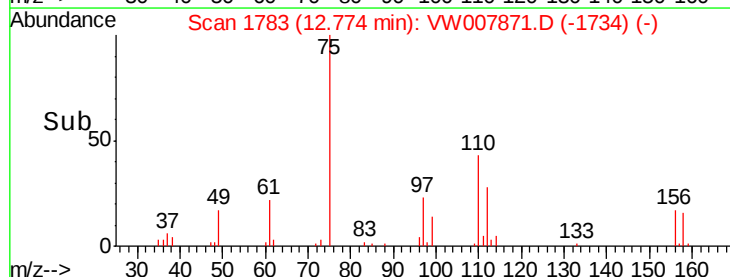
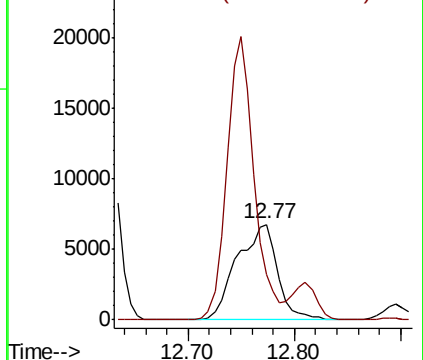
75 100

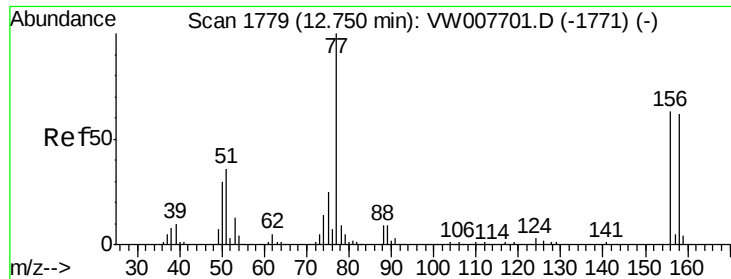
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.342 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

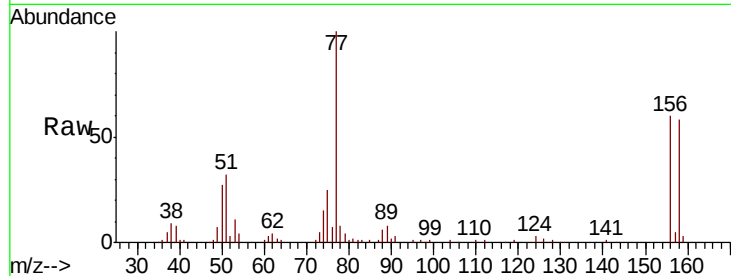
Tgt Ion: 156 Resp: 19666

Ion Ratio Lower Upper

156 100

77 181.5 87.4 262.1

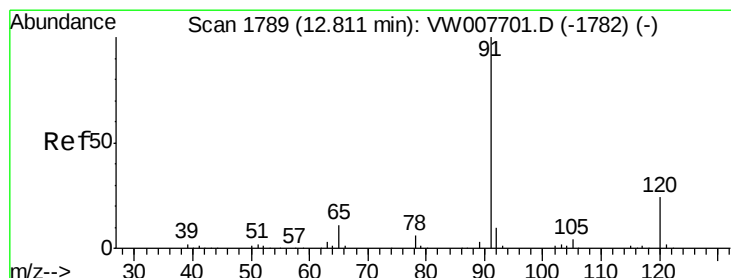
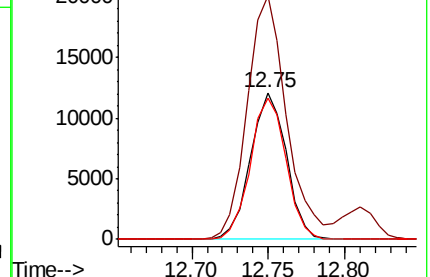
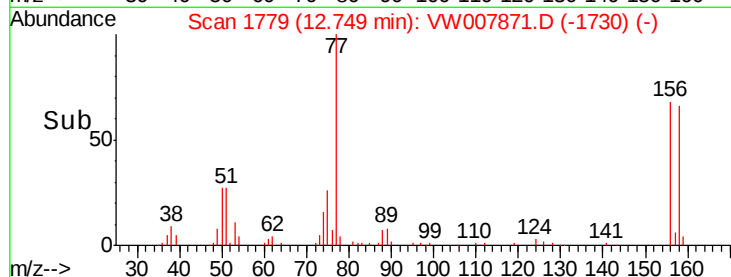
158 96.3 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.056 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007871.D

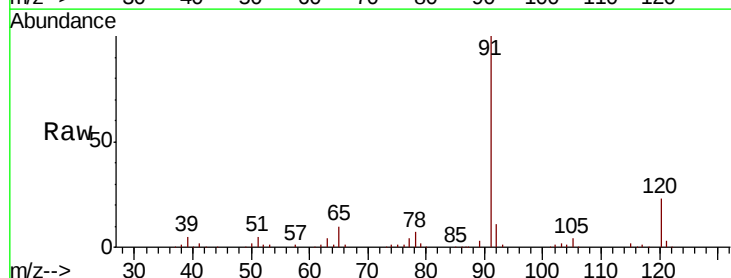
Acq: 23 Dec 2018 05:16

Tgt Ion: 91 Resp: 103231

Ion Ratio Lower Upper

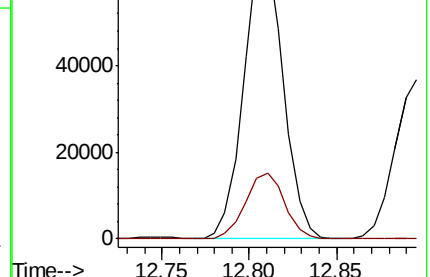
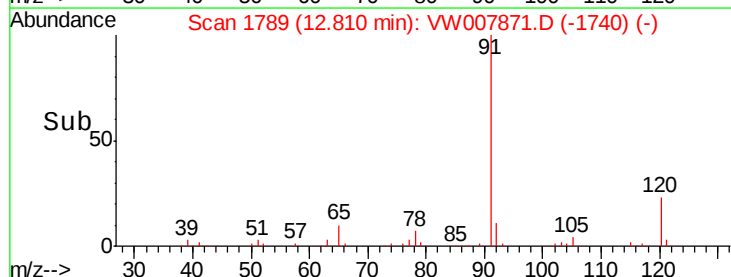
91 100

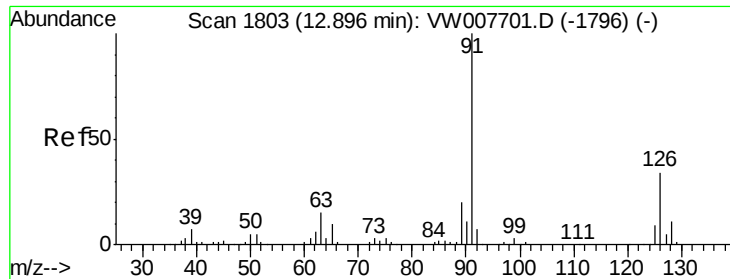
120 22.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

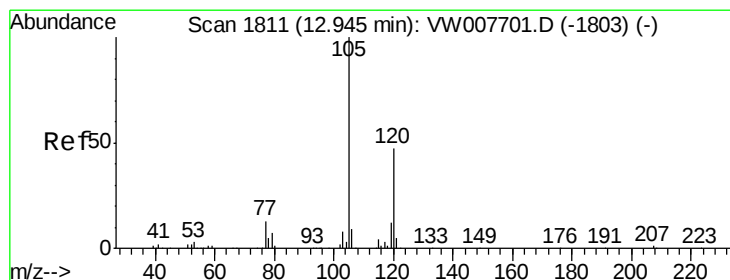
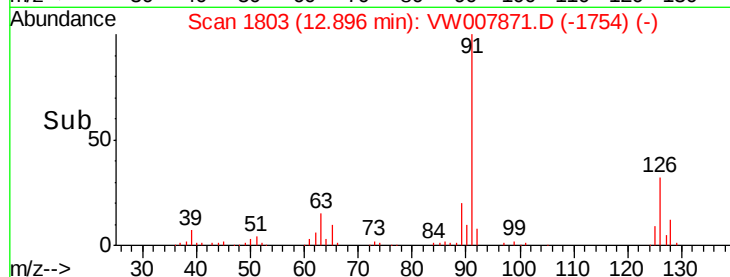
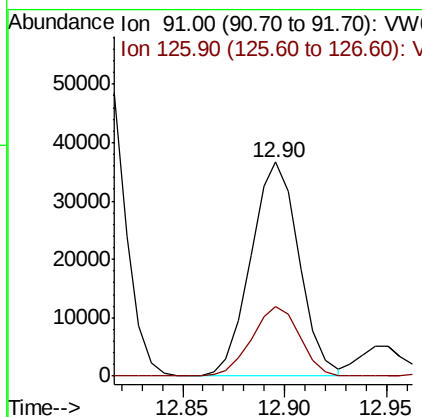
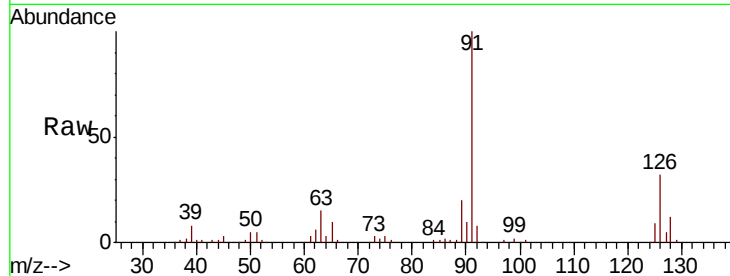




#79
 2-Chlorotoluene
 Concen: 22.149 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

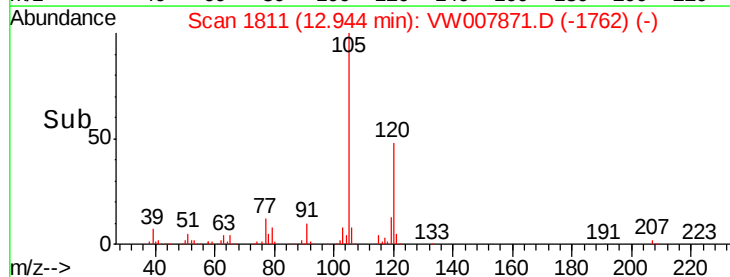
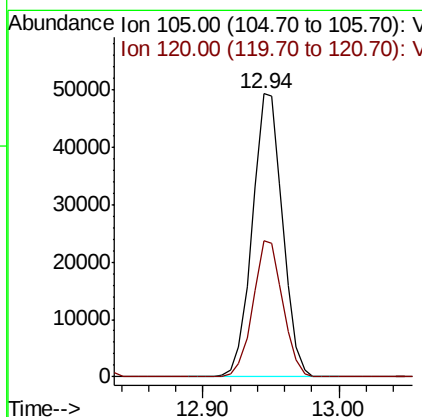
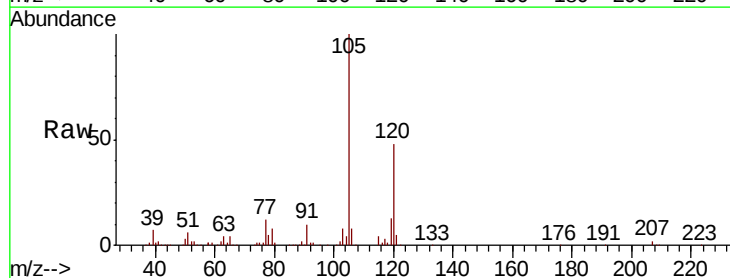
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

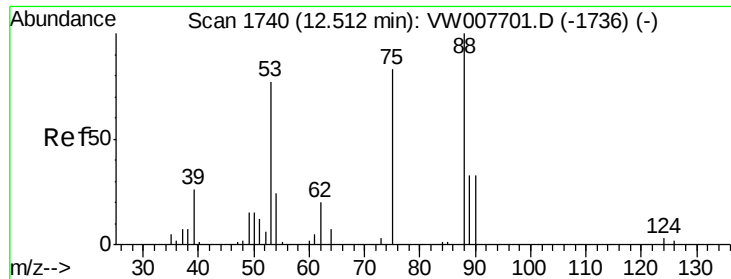
Tgt Ion: 91 Resp: 60391
 Ion Ratio Lower Upper
 91 100
 126 32.2 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.141 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 105 Resp: 76789
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.6 70.8

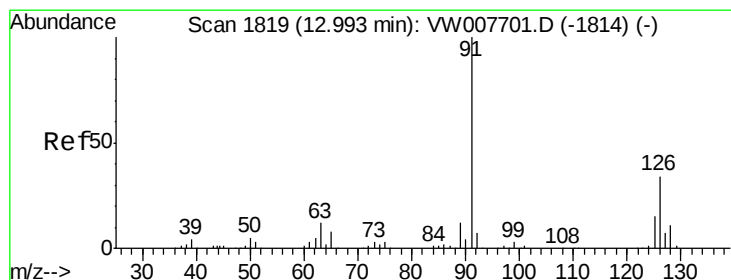
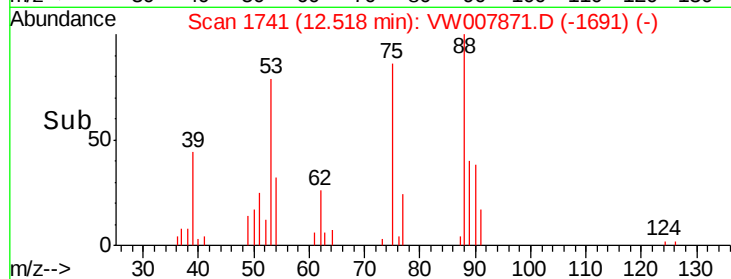
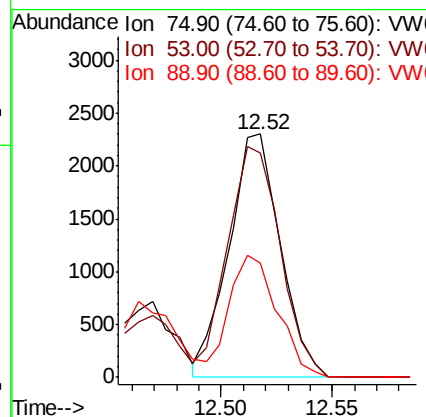
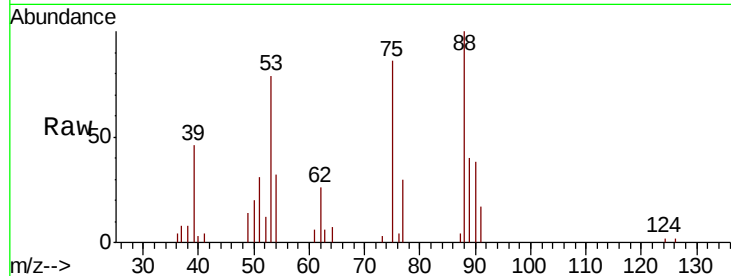




#81
trans-1,4-Dichloro-2-butene
Concen: 18.911 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

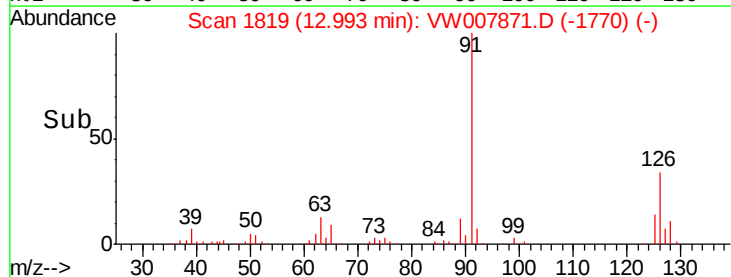
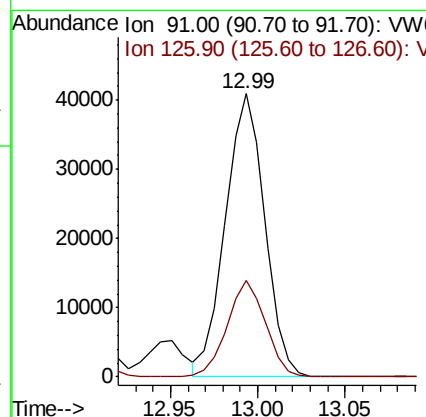
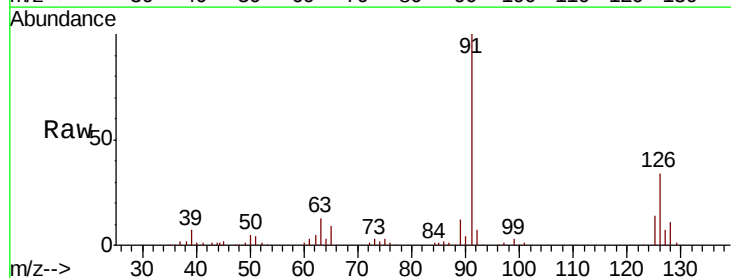
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

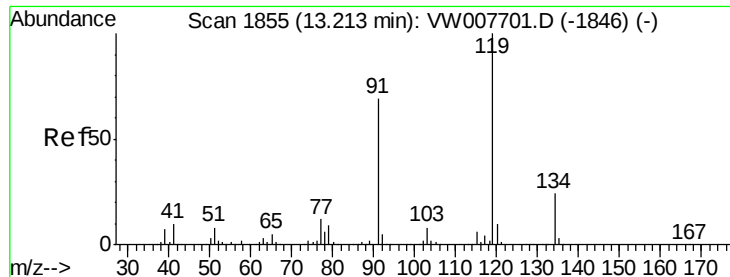
Tgt Ion: 75 Resp: 3704
Ion Ratio Lower Upper
75 100
53 97.5 80.2 120.2
89 46.7 39.2 58.8



#82
4-Chlorotoluene
Concen: 22.031 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 91 Resp: 63958
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5





#83

tert-Butylbenzene

Concen: 22.012 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

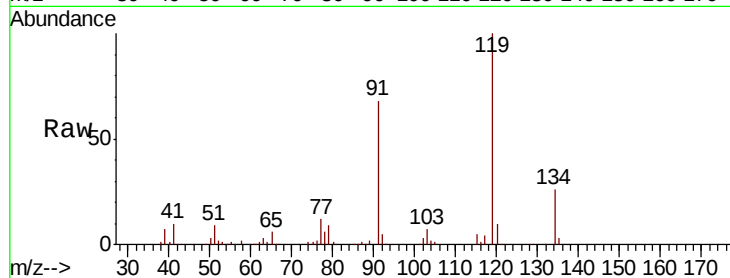
Tgt Ion:119 Resp: 66983

Ion Ratio Lower Upper

119 100

91 67.7 34.2 102.5

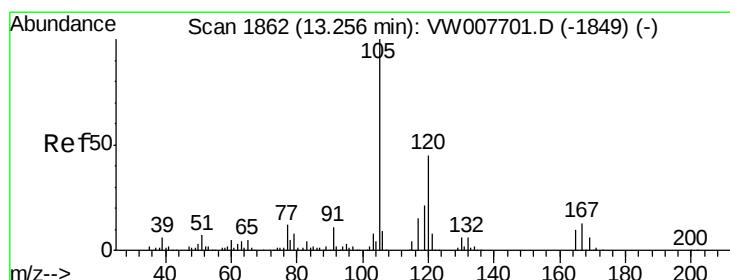
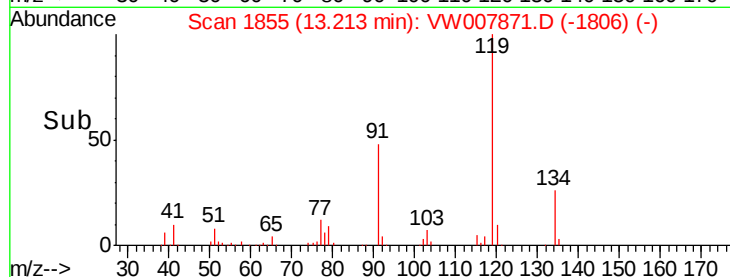
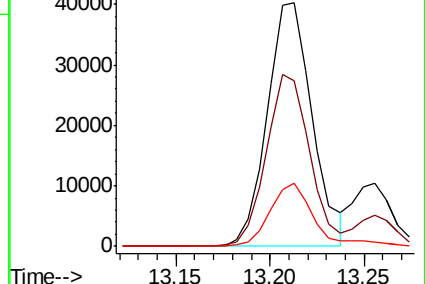
134 25.4 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.296 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007871.D

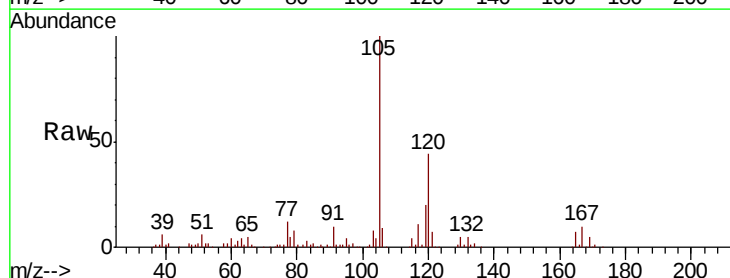
Acq: 23 Dec 2018 05:16

Tgt Ion:105 Resp: 78026

Ion Ratio Lower Upper

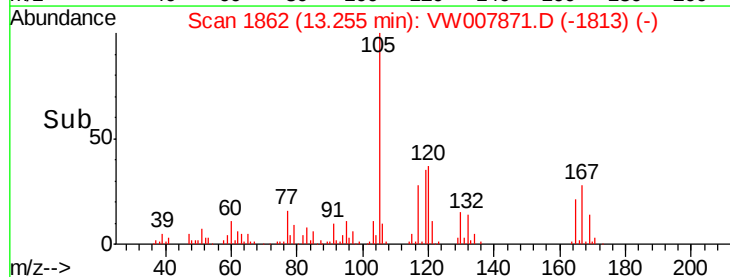
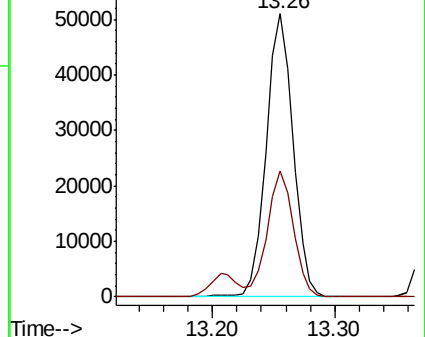
105 100

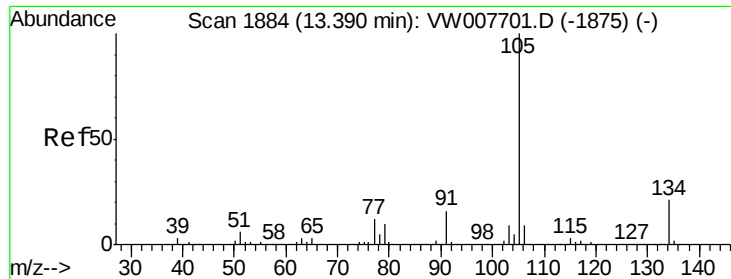
120 43.6 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.868 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

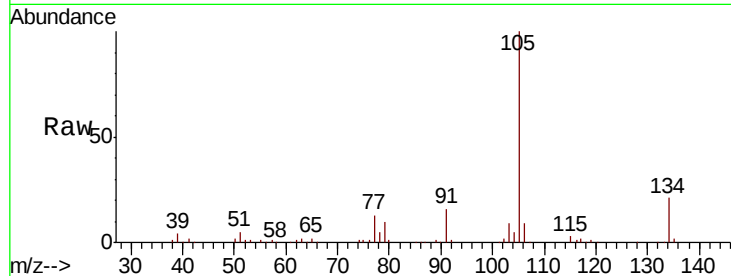
VW1224SBS02

Tgt Ion:105 Resp: 91711

Ion Ratio Lower Upper

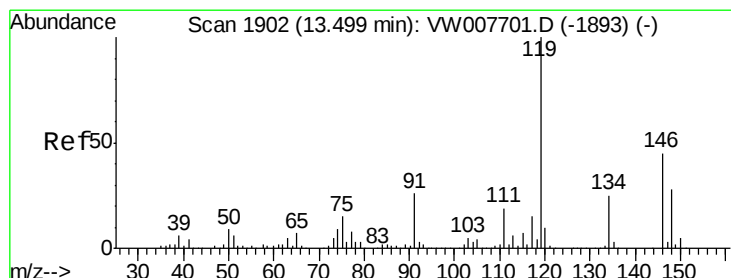
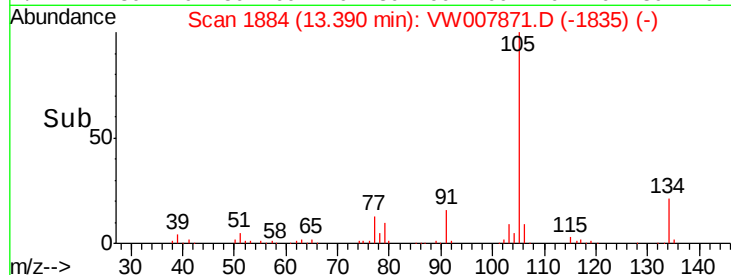
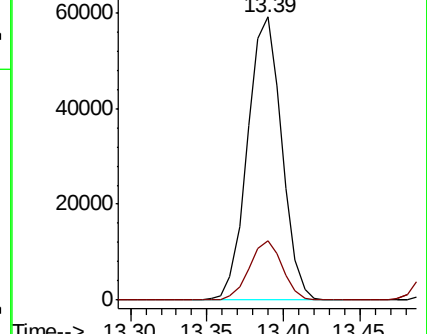
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.580 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

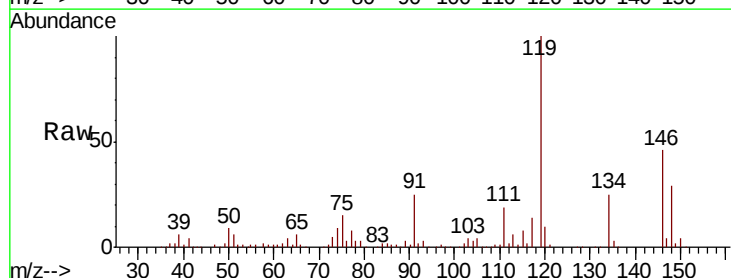
Tgt Ion:119 Resp: 82295

Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

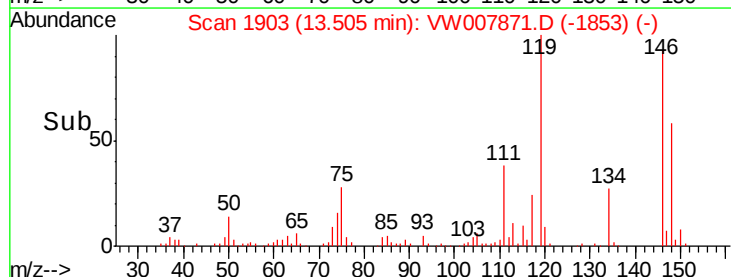
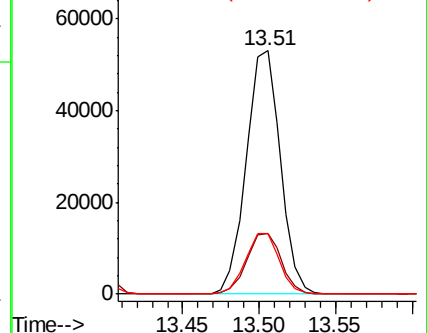
91 24.8 12.8 38.4

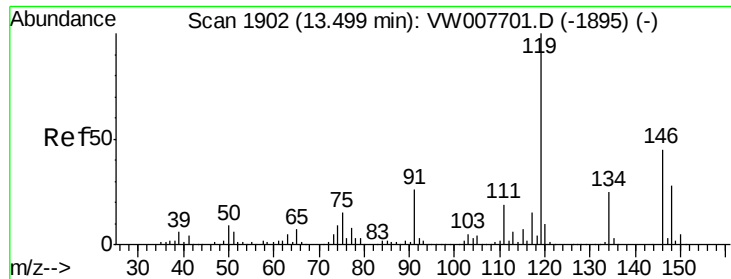


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

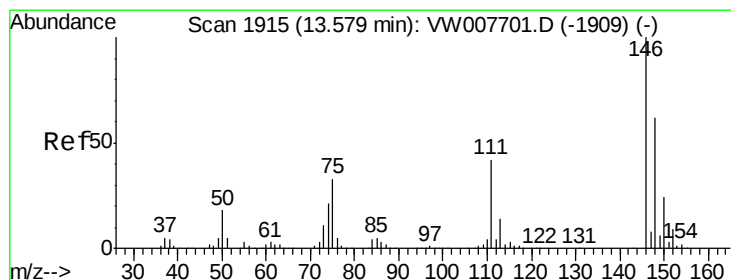
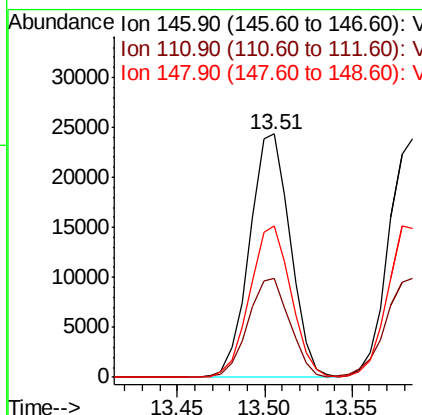
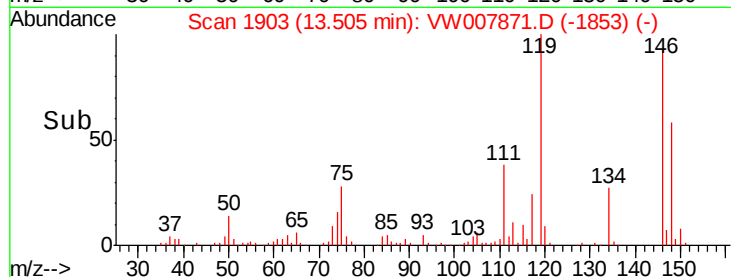
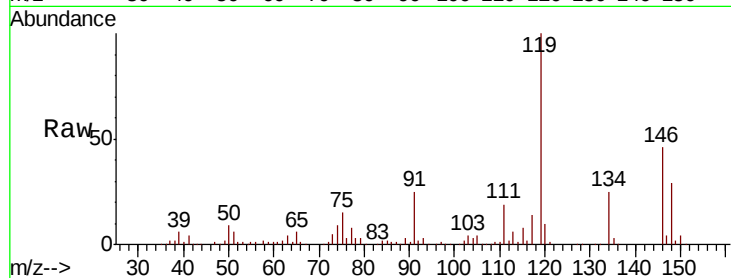




#87
 1,3-Dichlorobenzene
 Concen: 21.501 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

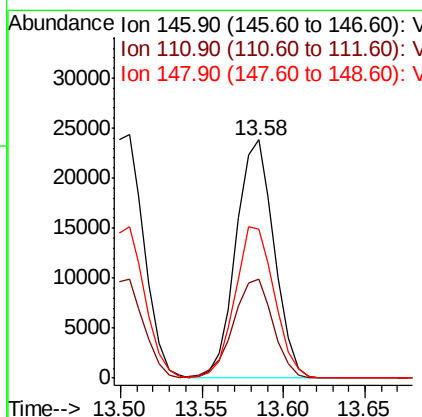
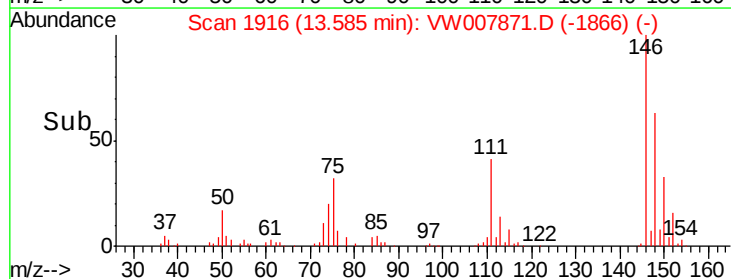
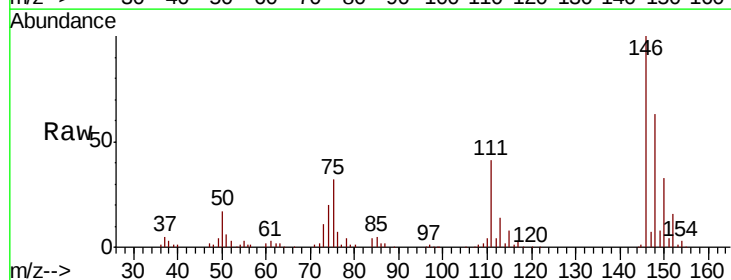
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

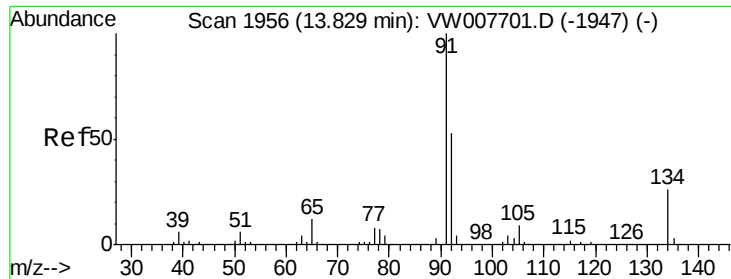
Tgt Ion:146 Resp: 39337
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.4
 148 63.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.153 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion:146 Resp: 38711
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.0 63.0
 148 65.5 31.8 95.4





#89

n-Butylbenzene

Concen: 21.157 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

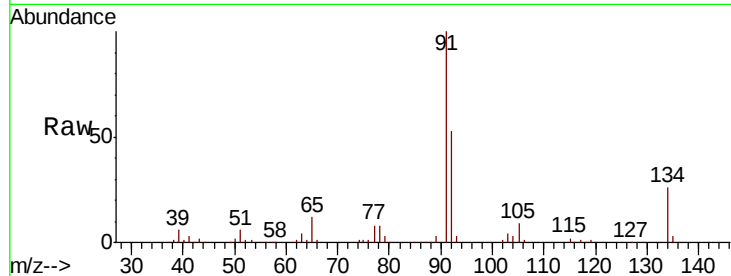
Tgt Ion: 91 Resp: 73976

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

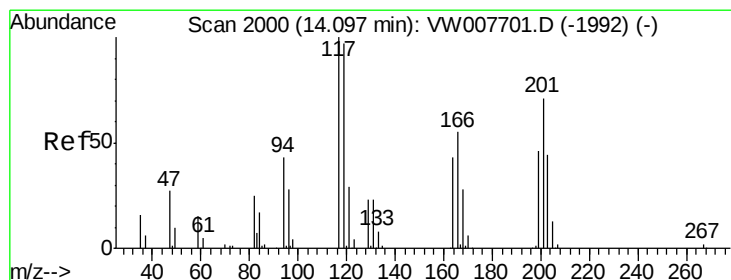
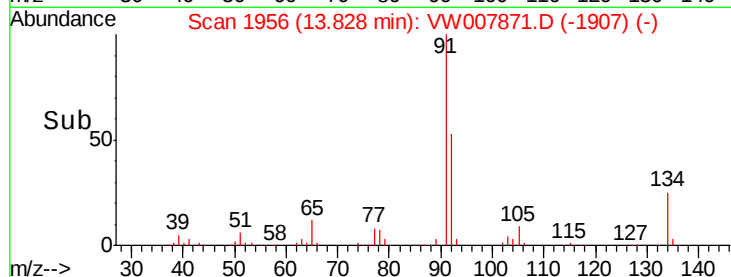
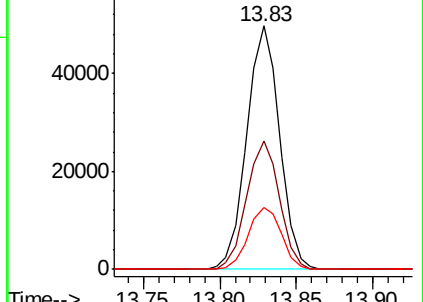
134 25.8 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.118 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007871.D

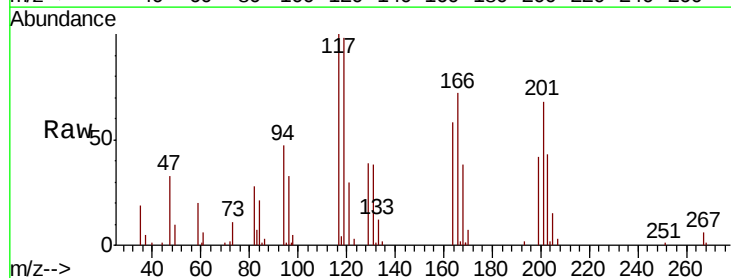
Acq: 23 Dec 2018 05:16

Tgt Ion: 117 Resp: 12130

Ion Ratio Lower Upper

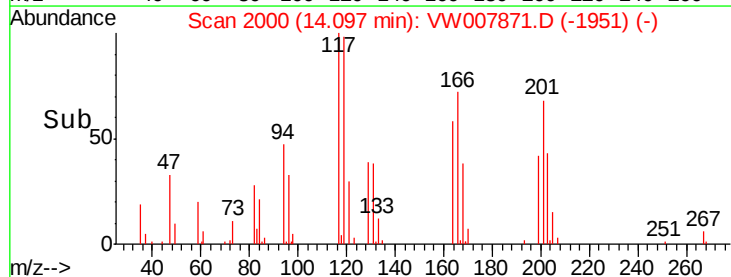
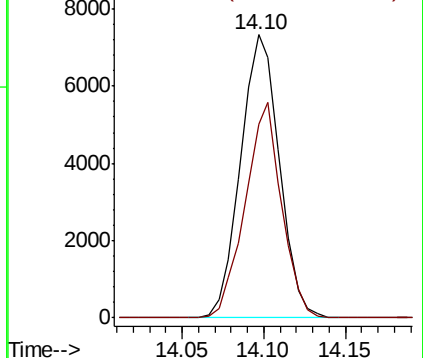
117 100

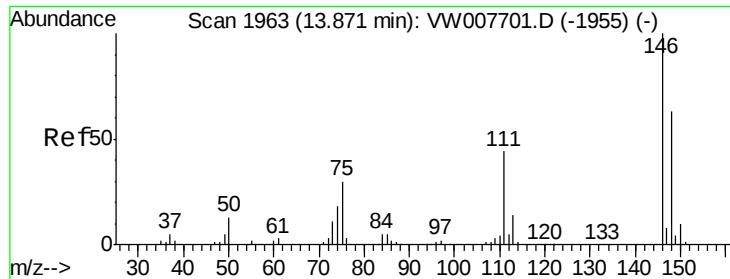
201 71.5 36.2 108.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

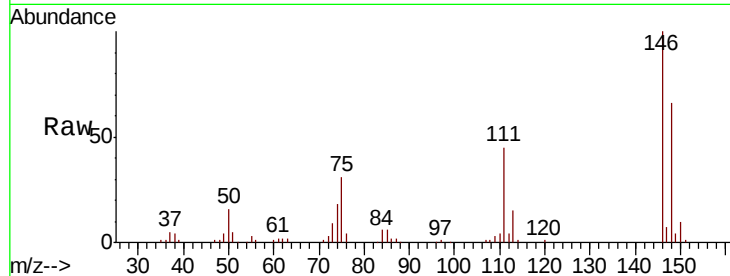




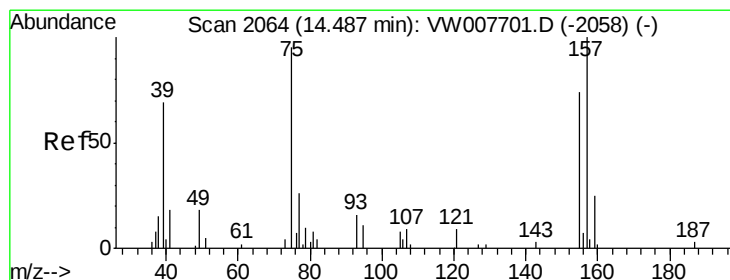
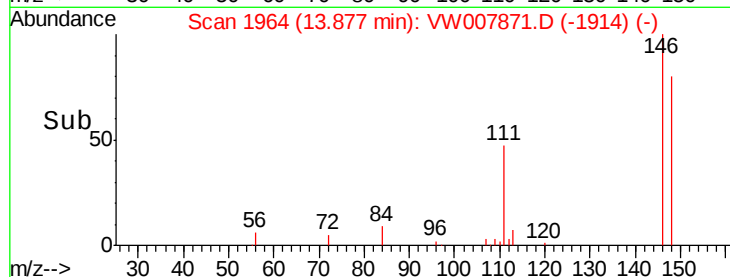
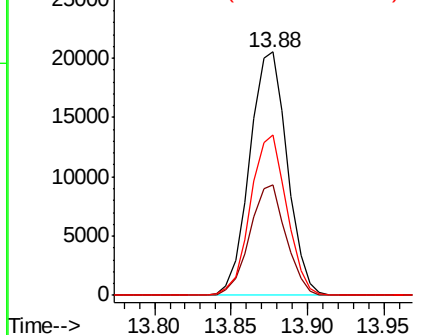
#91
 1,2-Dichlorobenzene
 Concen: 21.416 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion:146 Resp: 35081
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.7 65.1
 148 63.5 32.1 96.5

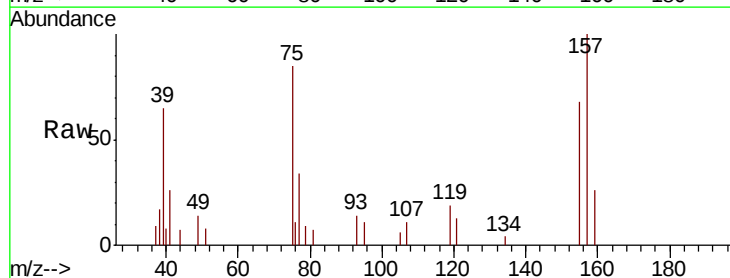


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

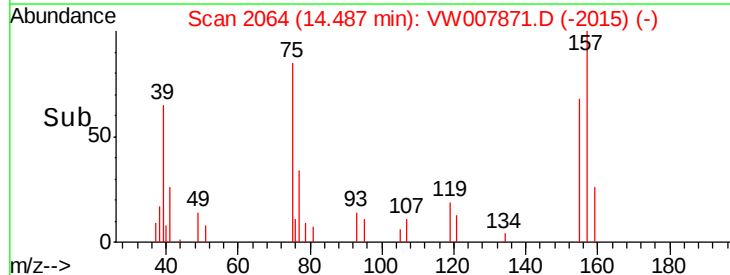
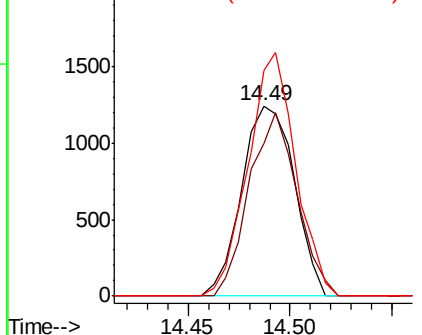


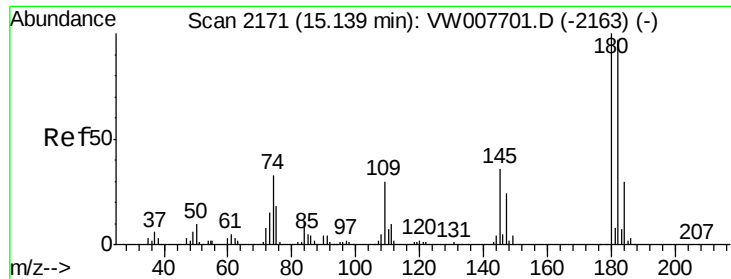
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.021 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 75 Resp: 2231
 Ion Ratio Lower Upper
 75 100
 155 87.8 39.4 118.1
 157 115.6 52.0 156.0



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

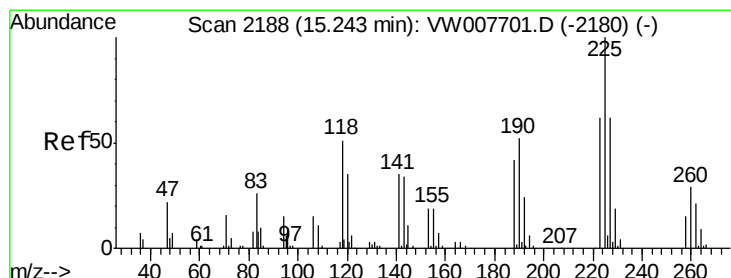
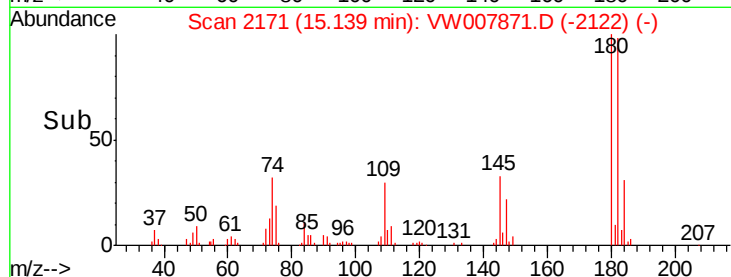
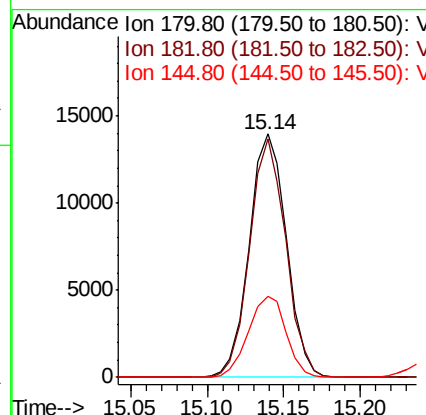
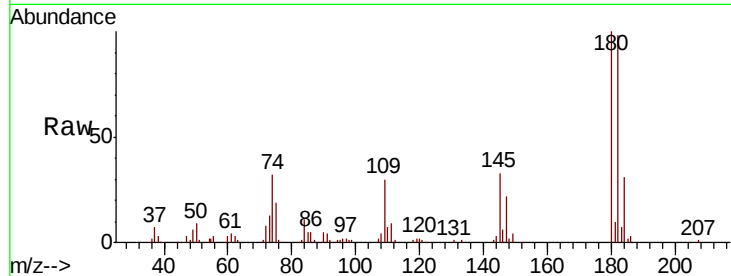




#93
 1,2,4-Trichlorobenzene
 Concen: 20.749 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

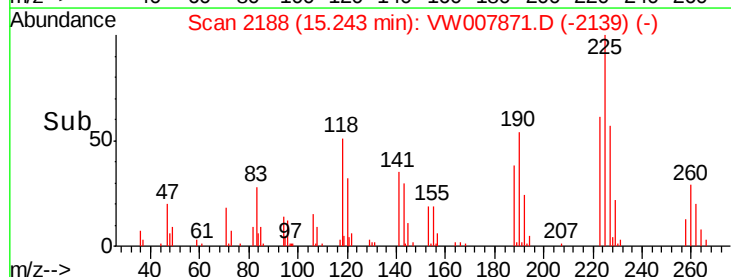
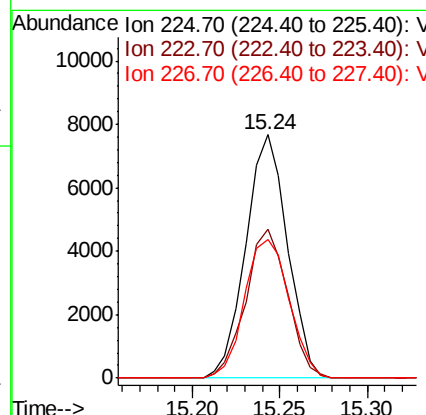
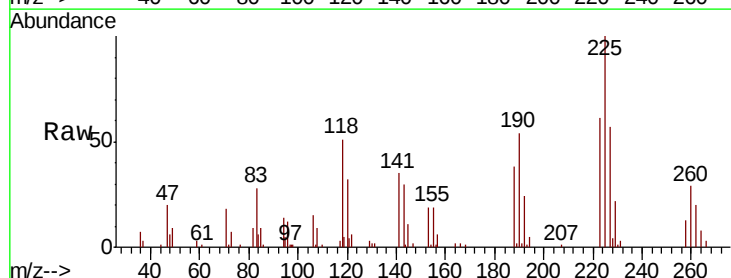
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

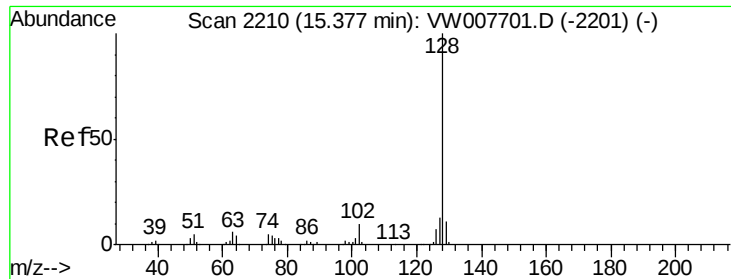
Tgt Ion:180 Resp: 23593
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.5 142.6
 145 33.8 17.5 52.5



#94
 Hexachlorobutadiene
 Concen: 20.931 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion:225 Resp: 12719
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.6 94.8
 227 61.0 32.1 96.3

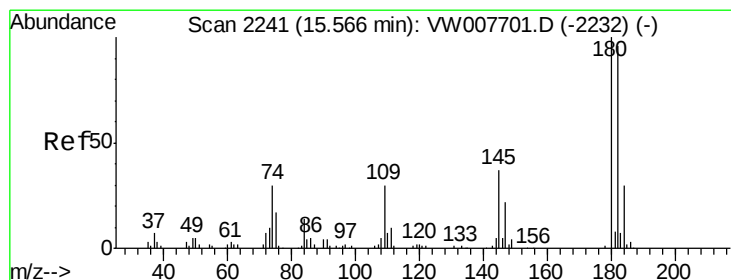
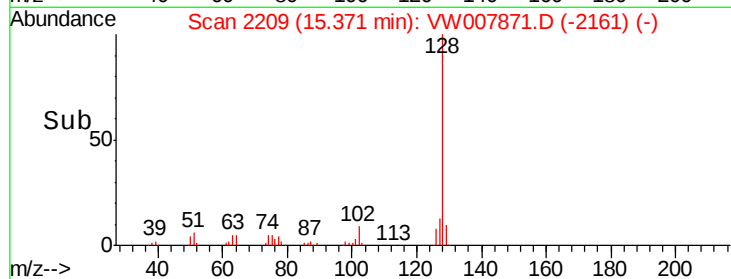
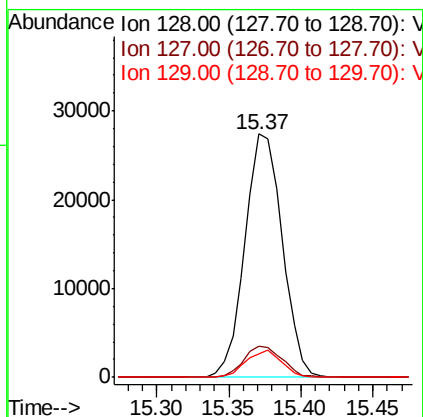
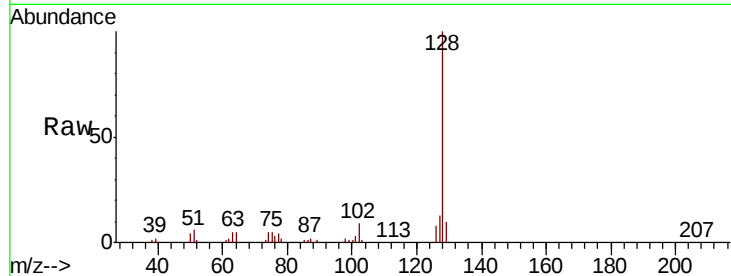




#95
Naphthalene
Concen: 23.418 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion:128 Resp: 49230
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.674 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion:180 Resp: 21096
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 36.2 18.4 55.0

