

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122518\
 Data File : VW007889.D
 Acq On : 24 Dec 2018 15:25
 Operator : SY/AP
 Sample : J6426-03MSD
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:03:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	39038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	68782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7009	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	34712	81.13	ug/l	0.00
Spiked Amount			Recovery	=	162.26%	
35) Dibromofluoromethane	7.88	113	28865	68.79	ug/l	0.00
Spiked Amount			Recovery	=	137.58%	
50) Toluene-d8	10.32	98	55136	34.86	ug/l	0.00
Spiked Amount			Recovery	=	69.72%	
62) 4-Bromofluorobenzene	12.62	95	12512	20.47	ug/l	0.00
Spiked Amount			Recovery	=	40.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	19831	57.142	ug/l	93
3) Chloromethane	2.21	50	23690	111.166	ug/l	99
4) Vinyl Chloride	2.37	62	28398	104.684	ug/l	97
5) Bromomethane	2.78	94	18283	96.764	ug/l	90
6) Chloroethane	2.93	64	15349	105.761	ug/l	96
7) Trichlorofluoromethane	3.26	101	15642	55.385	ug/l	100
8) Diethyl Ether	3.68	74	16772	96.956	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16599	39.907	ug/l	96
10) Methyl Iodide	4.26	142	47024	71.091	ug/l	97
11) Tert butyl alcohol	5.17	59	12386	429.124	ug/l	100
12) 1,1-Dichloroethene	4.03	96	23327	60.565	ug/l	99
13) Acrolein	3.89	56	3458	149.839	ug/l	100
14) Allyl chloride	4.67	41	44330	87.768	ug/l	90
15) Acrylonitrile	5.37	53	34624	469.223	ug/l	99
16) Acetone	4.12	43	29141	363.701	ug/l	98
17) Carbon Disulfide	4.37	76	51550	43.251	ug/l	100
18) Methyl Acetate	4.67	43	60127	315.542	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	56108	101.472	ug/l	98
20) Methylene Chloride	4.91	84	32129	84.539	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	24629	58.142	ug/l	91
22) Diisopropyl ether	6.31	45	88734	93.824	ug/l	96
23) Vinyl Acetate	6.25	43	20376	36.263	ug/l #	89
24) 1,1-Dichloroethane	6.21	63	53025	76.213	ug/l	99
25) 2-Butanone	7.17	43	39524	421.149	ug/l	90
26) 2,2-Dichloropropane	7.17	77	33906	66.597	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	31702	70.246	ug/l	97
28) Bromochloromethane	7.51	49	20182	85.078	ug/l	91
29) Tetrahydrofuran	7.53	42	27013	482.557	ug/l	95
30) Chloroform	7.68	83	53173	67.532	ug/l	96
31) Cyclohexane	7.95	56	17588	27.613	ug/l	85
32) 1,1,1-Trichloroethane	7.87	97	37202	51.879	ug/l	99
36) 1,1-Dichloropropene	8.08	75	23059	34.734	ug/l	97
37) Ethyl Acetate	7.26	43	8917	38.920	ug/l #	81
38) Carbon Tetrachloride	8.07	117	25513	32.632	ug/l	97

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 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	14723	17.848	ug/l	97
40) Benzene	8.32	78	90606	51.146	ug/l	99
41) Methacrylonitrile	7.49	41	11035	84.834	ug/l	95
42) 1,2-Dichloroethane	8.40	62	39138	65.925	ug/l	99
43) Isopropyl Acetate	8.43	43	20723	45.147	ug/l	94
44) Trichloroethene	9.09	130	18147	33.873	ug/l	96
45) 1,2-Dichloropropane	9.37	63	24106	61.325	ug/l	97
46) Dibromomethane	9.46	93	14767	61.028	ug/l	94
47) Bromodichloromethane	9.65	83	33123	52.070	ug/l	99
48) Methyl methacrylate	9.44	41	22051	96.243	ug/l	93
49) 1,4-Dioxane	9.45	88	5321	1386.993	ug/l #	88
51) 4-Methyl-2-Pentanone	10.21	43	83994	387.197	ug/l	97
52) Toluene	10.39	92	40242	33.857	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	31930	50.464	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	36306	51.947	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	21786	65.310	ug/l	93
56) Ethyl methacrylate	10.65	69	19303	48.977	ug/l	87
57) 1,3-Dichloropropane	10.93	76	31679	57.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	78820	438.017	ug/l	96
59) 2-Hexanone	10.97	43	52326	342.989	ug/l	97
60) Dibromochloromethane	11.13	129	18179	41.159	ug/l	99
61) 1,2-Dibromoethane	11.24	107	15863	46.959	ug/l	97
64) Tetrachloroethene	10.86	164	7212	33.688	ug/l	96
65) Chlorobenzene	11.66	112	30850	47.146	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	15852	67.799	ug/l	97
67) Ethyl Benzene	11.73	91	43191	38.465	ug/l	96
68) m/p-Xylenes	11.84	106	31517	72.357	ug/l	98
69) o-Xylene	12.17	106	15555	38.097	ug/l	100
70) Styrene	12.18	104	27059	40.317	ug/l	97
71) Bromoform	12.35	173	7964	65.614	ug/l #	98
73) Isopropylbenzene	12.47	105	30861	58.250	ug/l	99
74) N-amyl acetate	12.27	43	4968	54.136	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.72	83	15936	200.616	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	21180	390.970	ug/l #	100
77) Bromobenzene	12.75	156	8923	73.490	ug/l	64
78) n-propylbenzene	12.81	91	28797	46.694	ug/l	98
79) 2-Chlorotoluene	12.90	91	20367	56.690	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	20946	45.834	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	5455	211.368	ug/l	99
82) 4-Chlorotoluene	12.99	91	19756	51.644	ug/l	98
83) tert-Butylbenzene	13.21	119	18526	46.202	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	22415	48.609	ug/l	99
85) sec-Butylbenzene	13.39	105	21179	38.325	ug/l	99
86) p-Isopropyltoluene	13.51	119	16779	33.391	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	9995	41.461	ug/l	88
88) 1,4-Dichlorobenzene	13.58	146	9935	41.200	ug/l	89
89) n-Butylbenzene	13.83	91	13316	28.902	ug/l	96
90) Hexachloroethane	14.10	117	3080	34.913	ug/l	89
91) 1,2-Dichlorobenzene	13.88	146	9567	44.324	ug/l #	81
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2168	132.899	ug/l	96

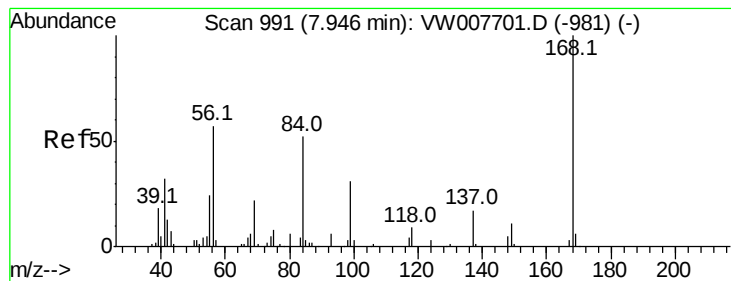
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	2806	18.728	ug/l #	46
94) Hexachlorobutadiene	15.24	225	1430	17.859	ug/l	95
95) Naphthalene	15.37	128	10225	36.913	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	2276	17.746	ug/l #	71

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

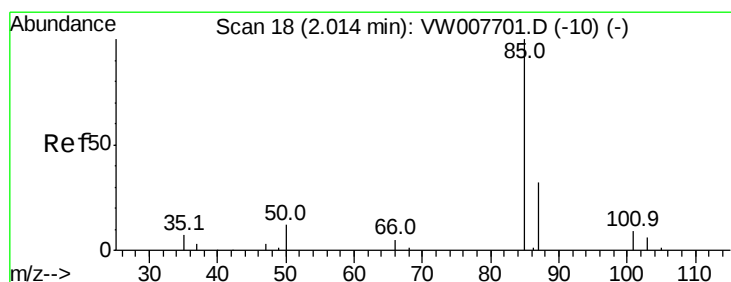
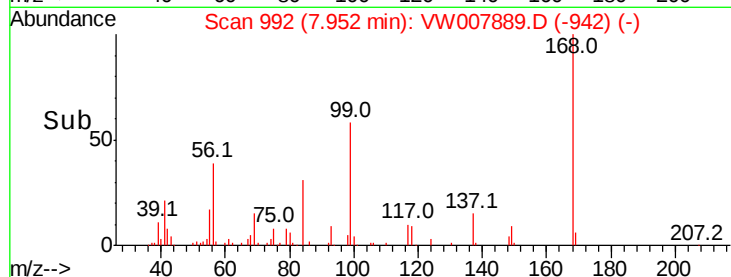
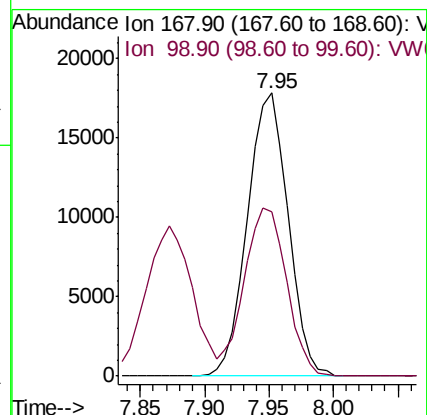
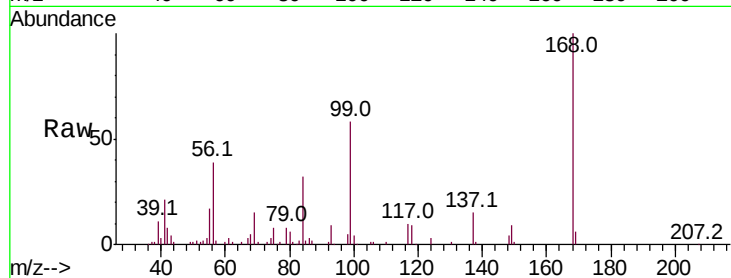


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Instrument :
 MSVOA_W
 ClientSampled :

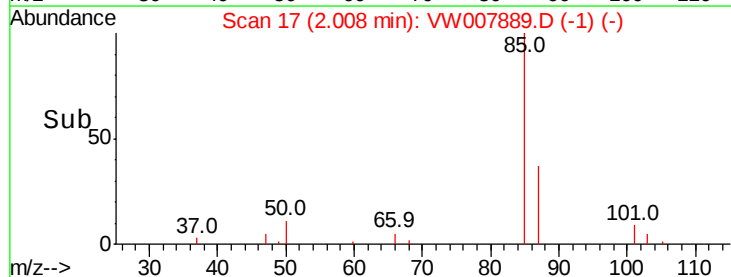
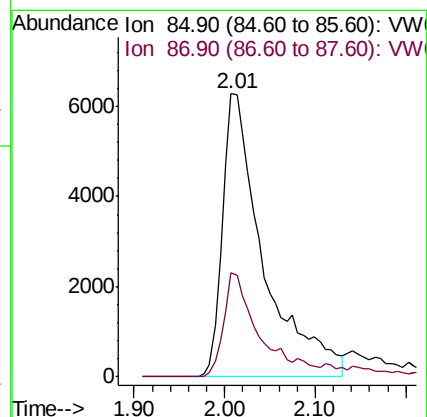
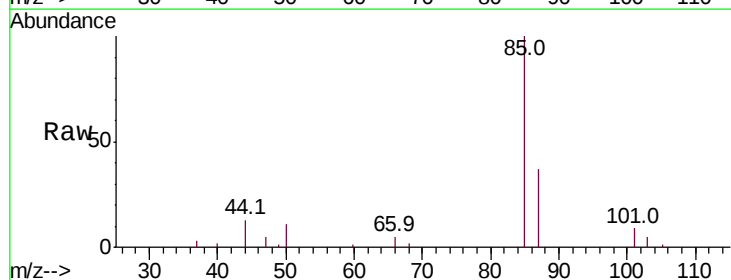
Tot Ion:168 Resp: 39038
 Ion Ratio Lower Upper
 168 100
 99 58.2 54.0 81.0

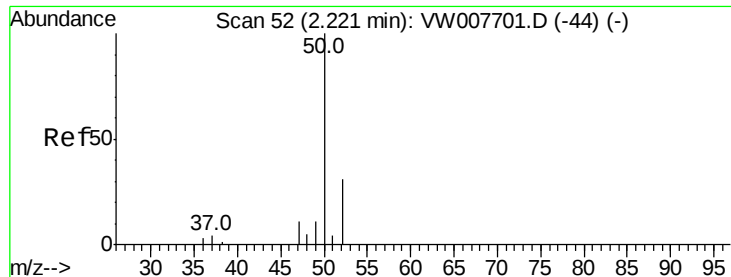


#2

Dichlorodifluoromethane
 Concen: 57.142 ug/l
 RT: 2.01 min Scan# 17
 Delta R.T. -0.01 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Tgt Ion: 85 Resp: 19831
 Ion Ratio Lower Upper
 85 100
 87 36.7 16.3 48.8





#3

Chloromethane

Concen: 111.166 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

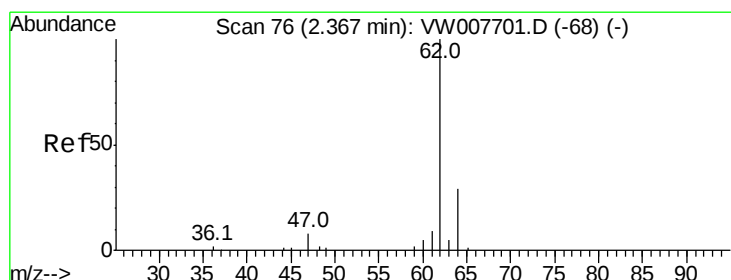
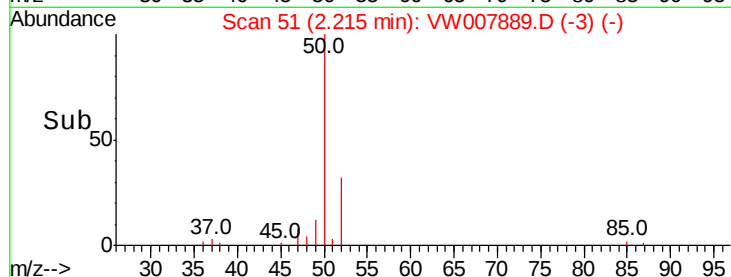
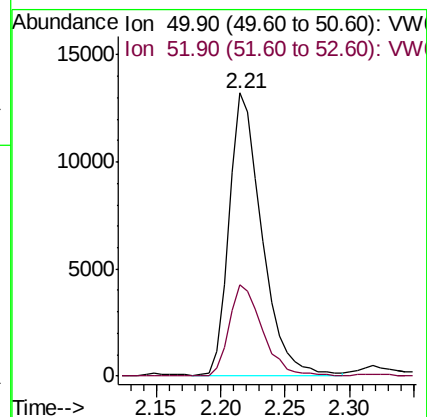
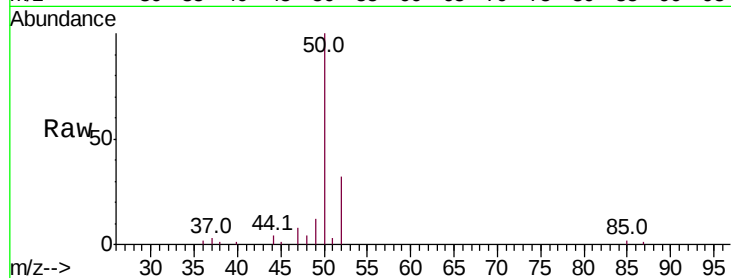
ClientSampled :

Tot Ion: 50 Resp: 23690

Ion Ratio Lower Upper

50 100

52 32.1 25.1 37.7



#4

Vinyl Chloride

Concen: 104.684 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007889.D

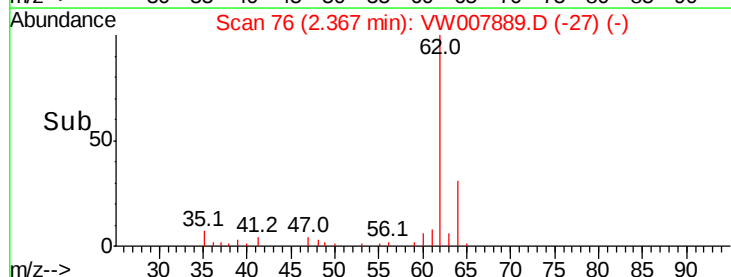
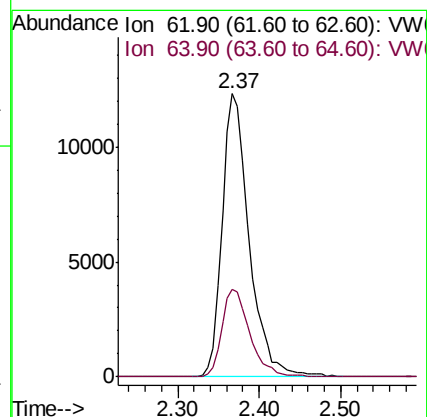
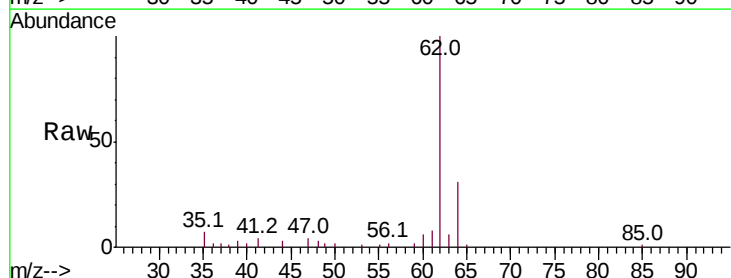
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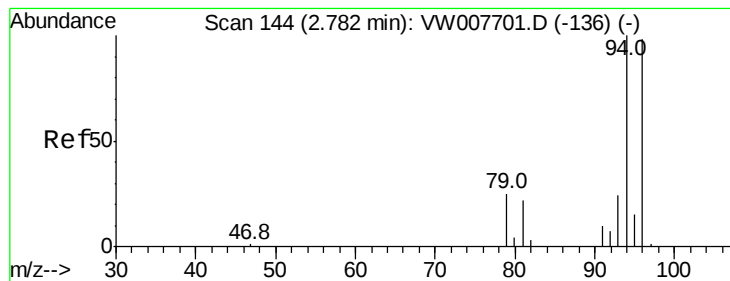
Tgt Ion: 62 Resp: 28398

Ion Ratio Lower Upper

62 100

64 31.0 23.4 35.0





#5

Bromomethane

Concen: 96.764 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

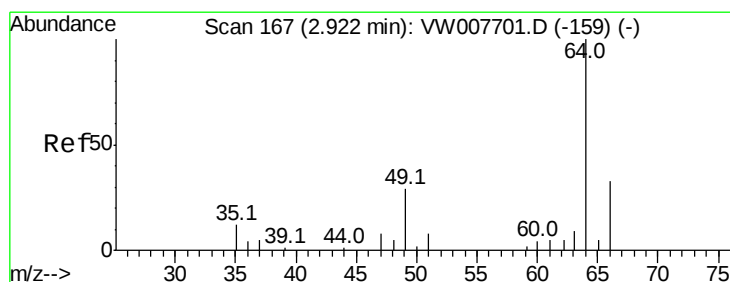
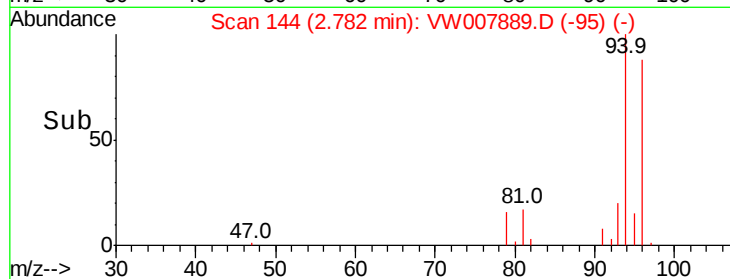
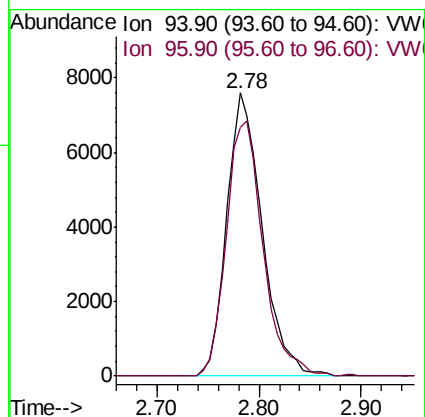
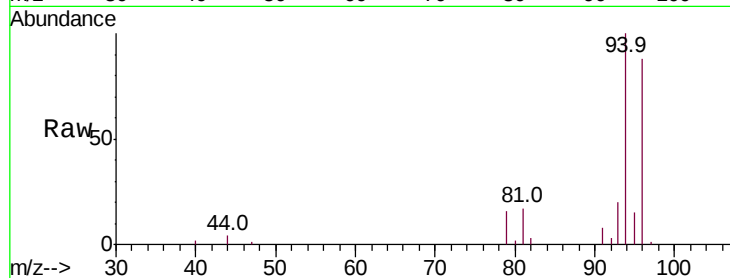
ClientSampleId :

Tot Ion: 94 Resp: 18283

Ion Ratio Lower Upper

94 100

96 87.8 78.2 117.2



#6

Chloroethane

Concen: 105.761 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007889.D

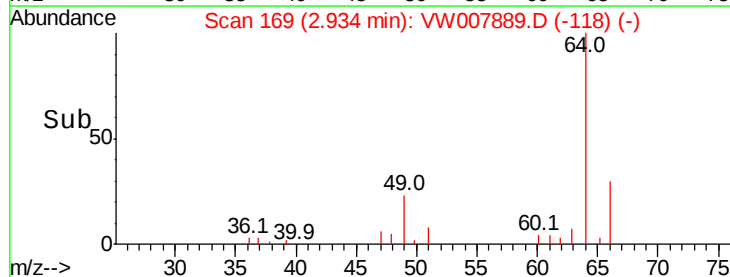
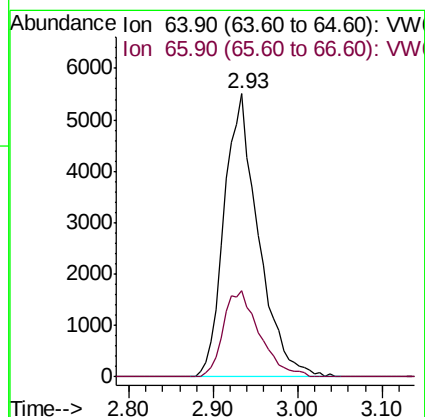
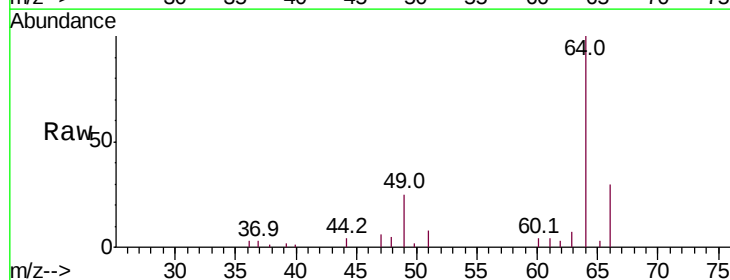
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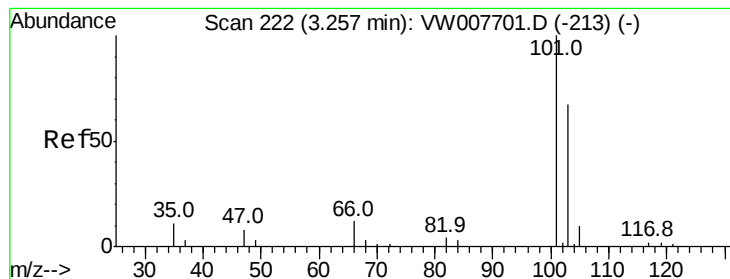
Tgt Ion: 64 Resp: 15349

Ion Ratio Lower Upper

64 100

66 30.5 26.2 39.4



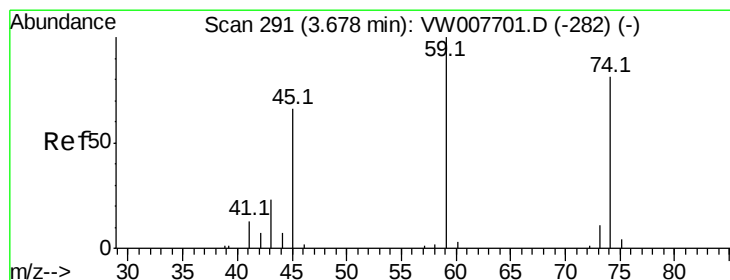
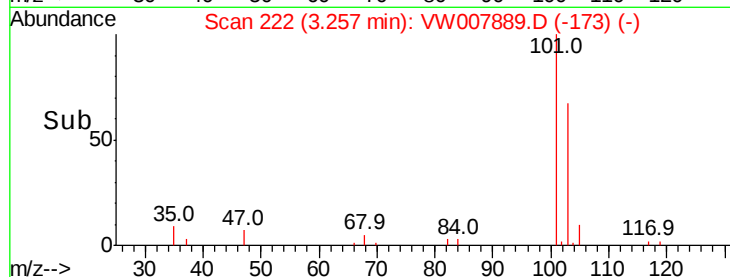
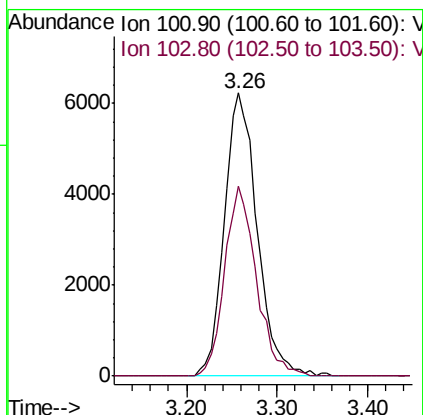
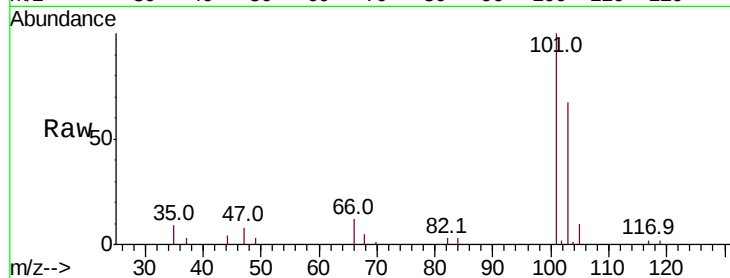


#7

Trichlorofluoromethane
 Concen: 55.385 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Instrument :
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 ClientSampleId :

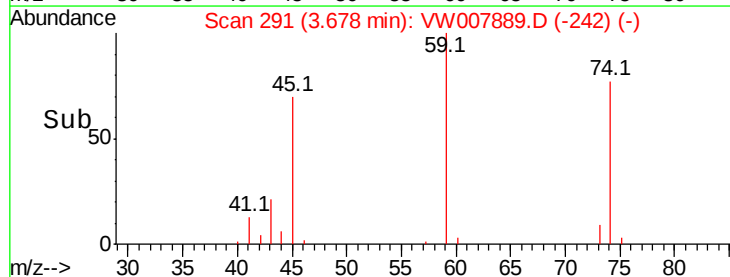
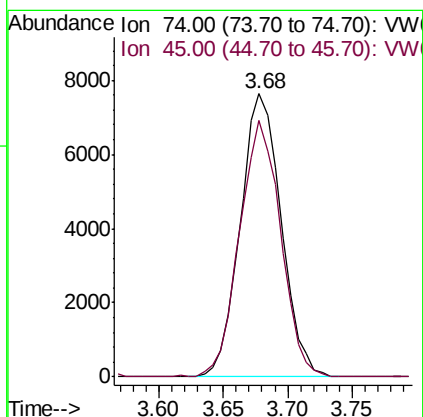
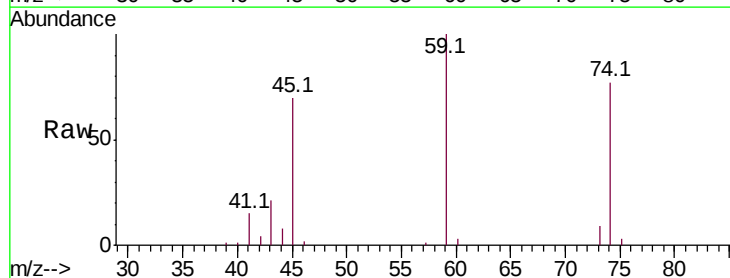
Tot Ion:101 Resp: 15642
 Ion Ratio Lower Upper
 101 100
 103 67.1 53.4 80.2

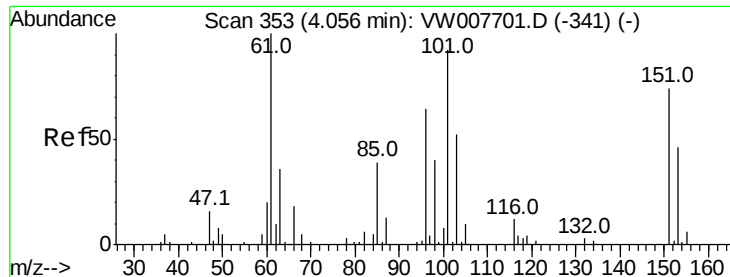


#8

Diethyl Ether
 Concen: 96.956 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Tgt Ion: 74 Resp: 16772
 Ion Ratio Lower Upper
 74 100
 45 91.1 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.907 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :
MSVOA_W
ClientSampled :

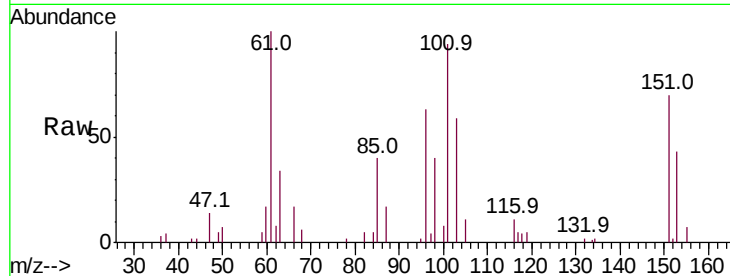
Tot Ion:101 Resp: 16599

Ion Ratio Lower Upper

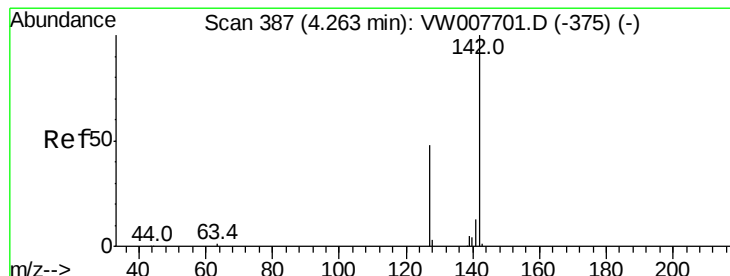
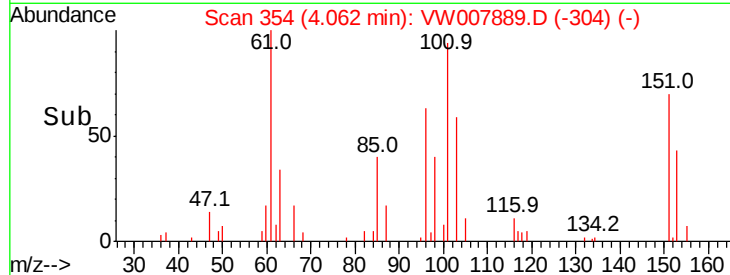
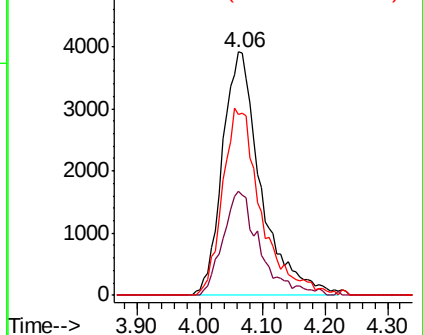
101 100

85 40.6 34.3 51.5

151 76.7 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 71.091 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

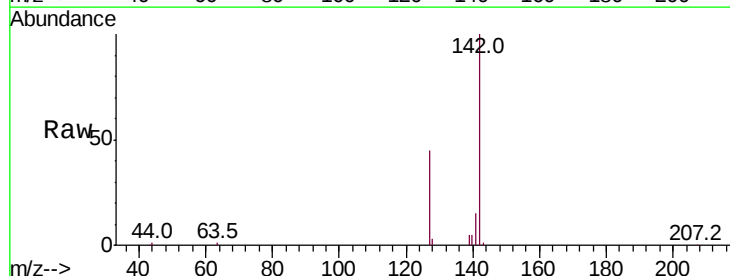
Tgt Ion:142 Resp: 47024

Ion Ratio Lower Upper

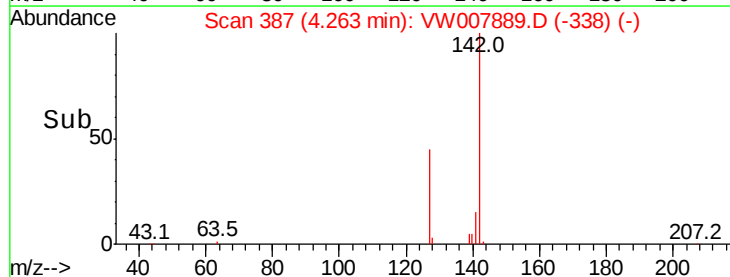
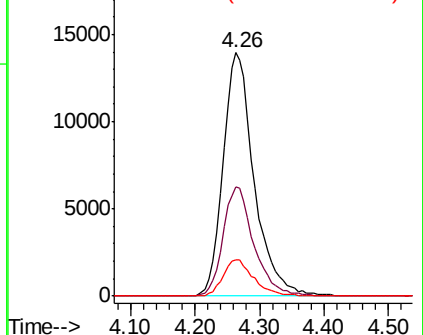
142 100

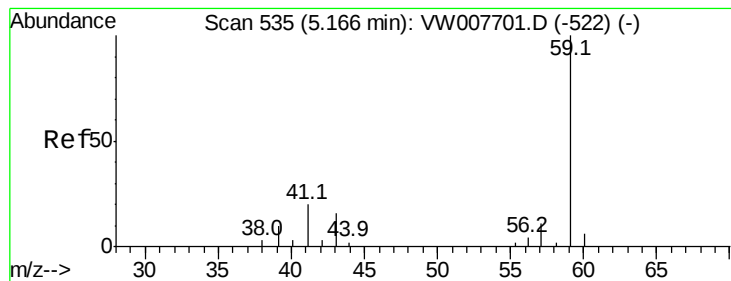
127 44.6 37.7 56.5

141 14.7 11.5 17.3



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



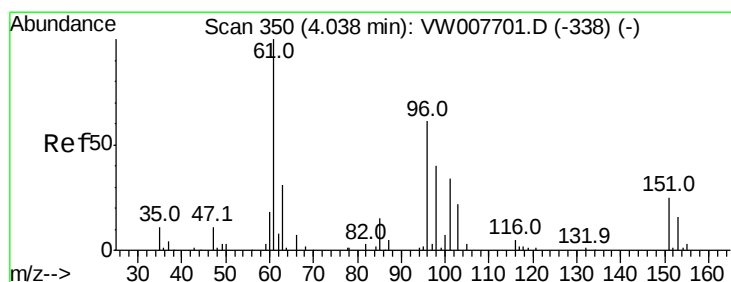
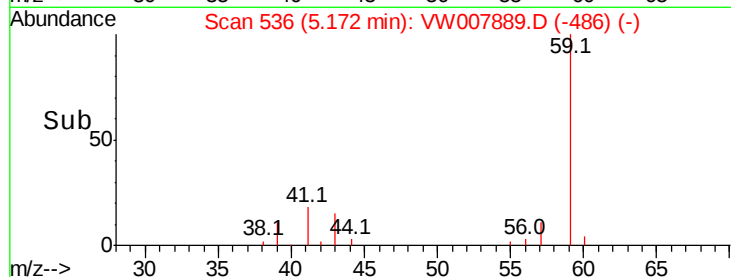
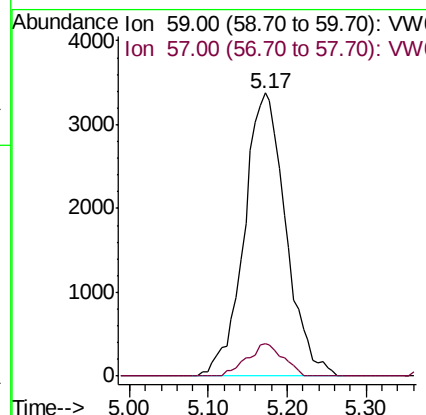
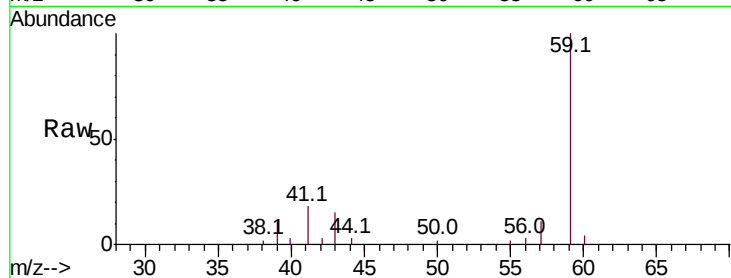


#11

Tert butyl alcohol
 Concen: 429.124 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Instrument :
 MSVOA_W
 ClientSampleId :

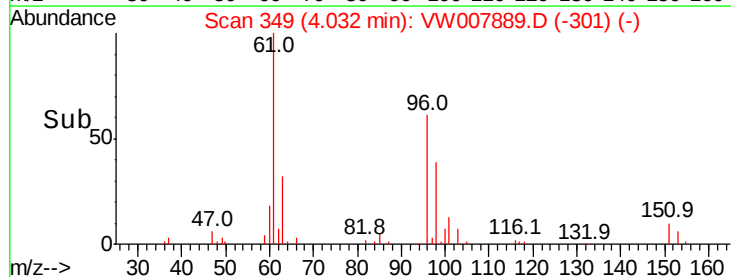
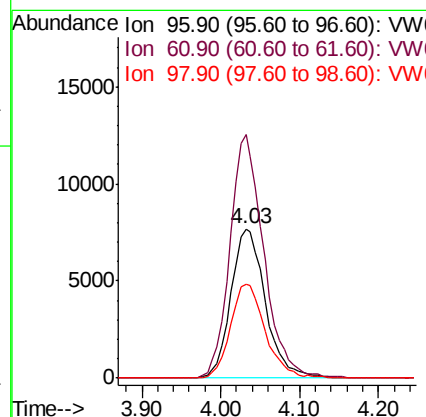
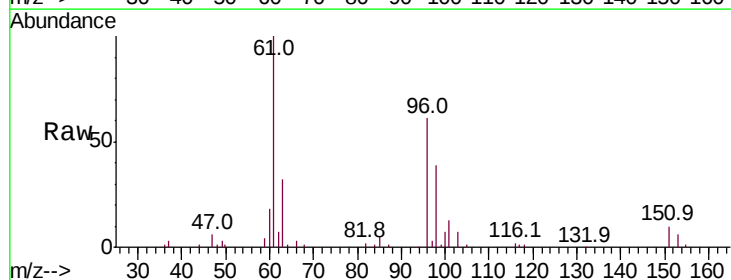
Tot Ion: 59 Resp: 12386
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.8

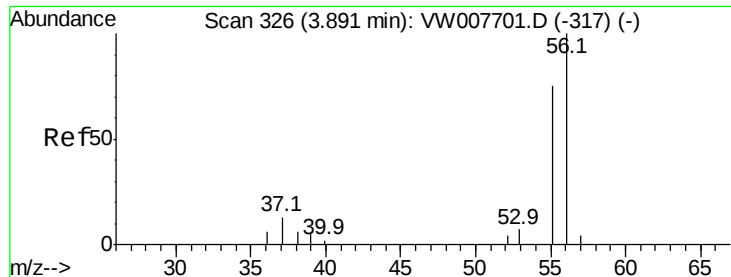


#12

1,1-Dichloroethene
 Concen: 60.565 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Tgt Ion: 96 Resp: 23327
 Ion Ratio Lower Upper
 96 100
 61 163.5 130.6 195.8
 98 63.4 52.3 78.5





#13

Acrolein

Concen: 149.839 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

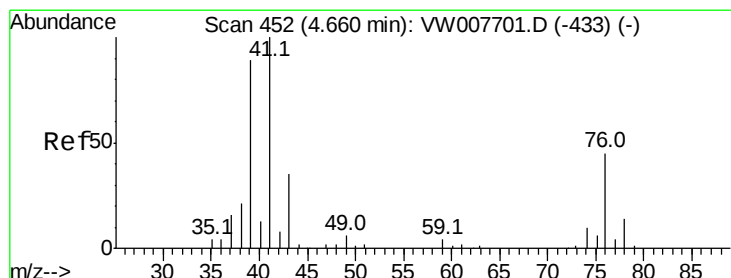
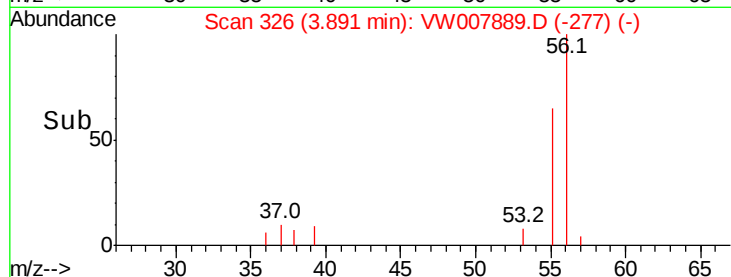
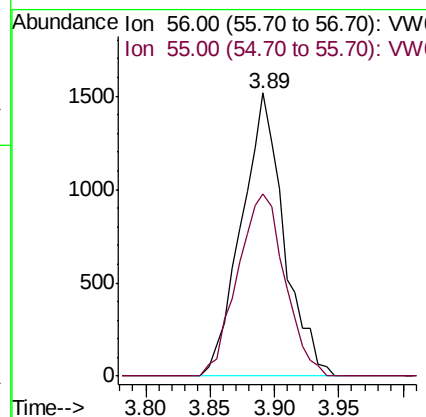
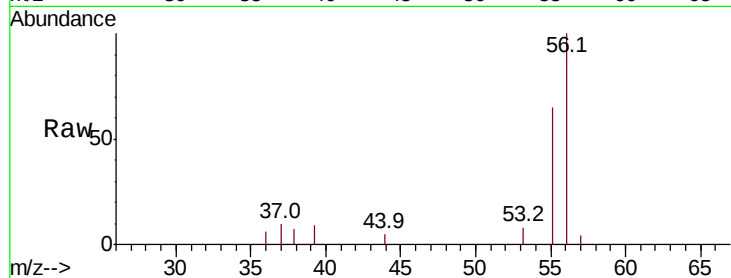
ClientSampleId :

Tot Ion: 56 Resp: 3458

Ion Ratio Lower Upper

56 100

55 71.8 57.7 86.5



#14

Allyl chloride

Concen: 87.768 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

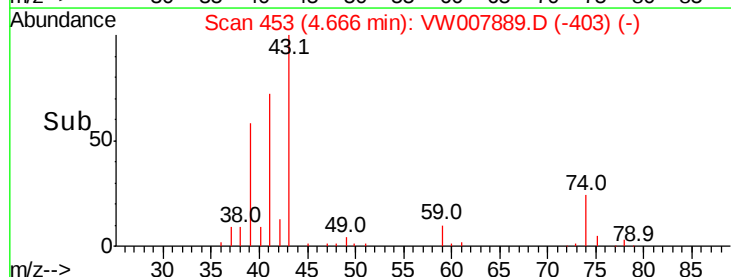
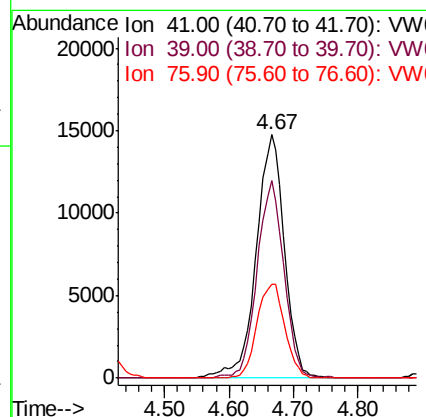
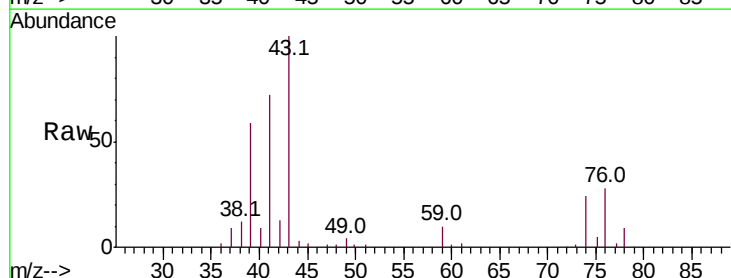
Tgt Ion: 41 Resp: 44330

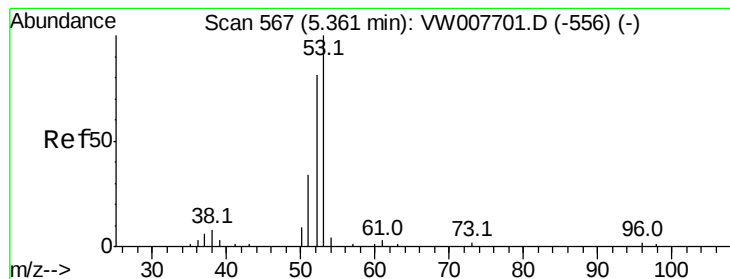
Ion Ratio Lower Upper

41 100

39 77.1 69.5 104.3

76 37.9 34.8 52.2





#15

Acrylonitrile

Concen: 469.223 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampleId :

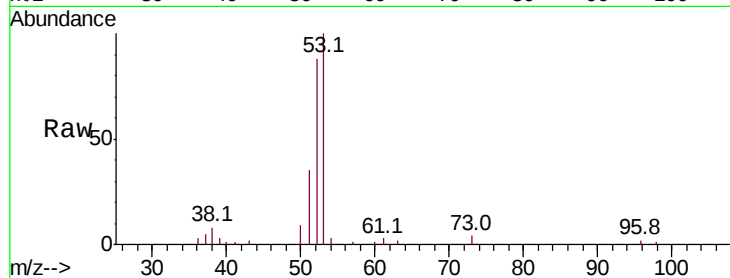
Tot Ion: 53 Resp: 34624

Ion Ratio Lower Upper

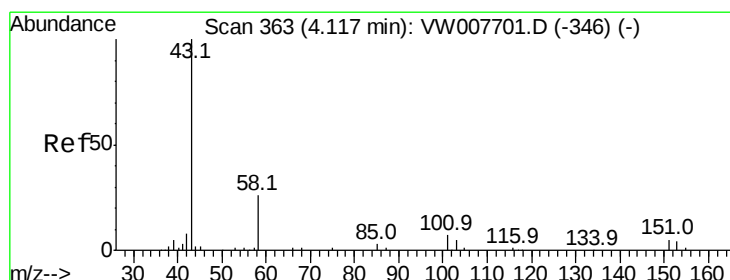
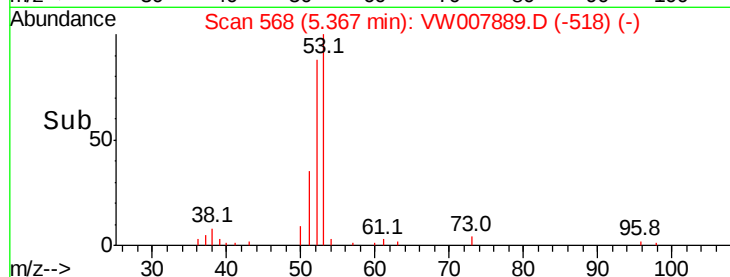
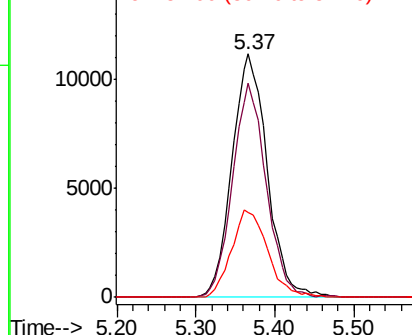
53 100

52 84.1 67.0 100.4

51 37.2 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 363.701 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007889.D

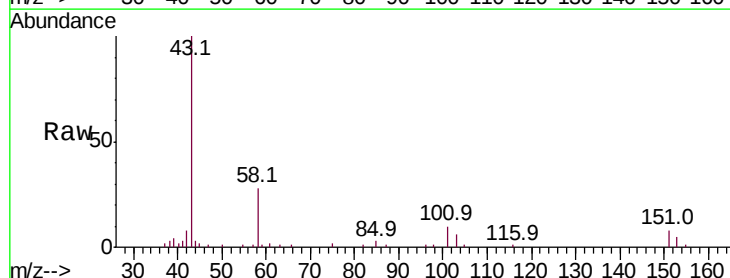
Acq: 24 Dec 2018 15:25

Tgt Ion: 43 Resp: 29141

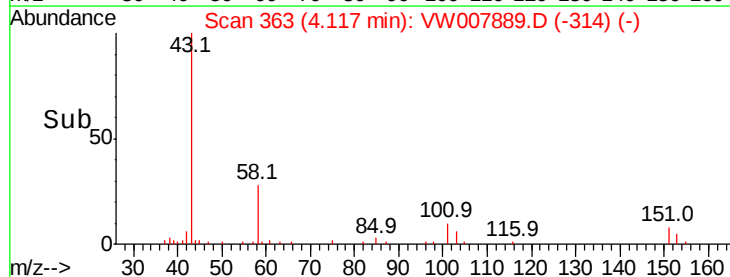
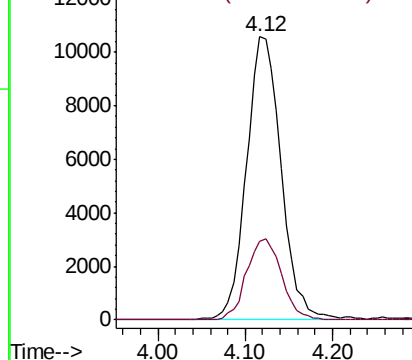
Ion Ratio Lower Upper

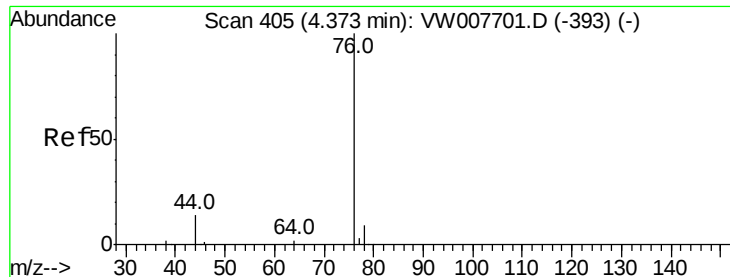
43 100

58 27.6 21.2 31.8



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

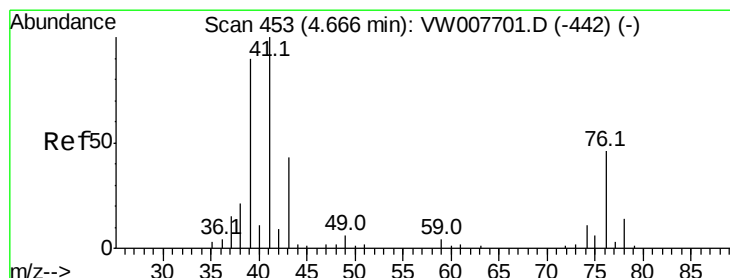
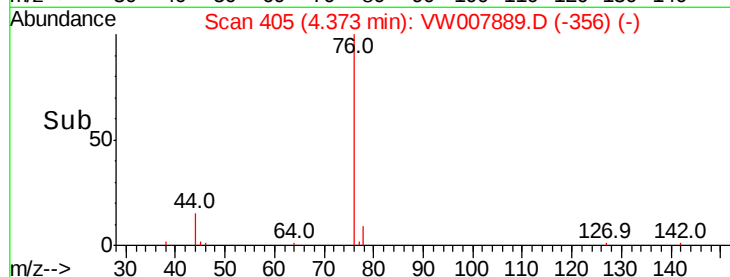
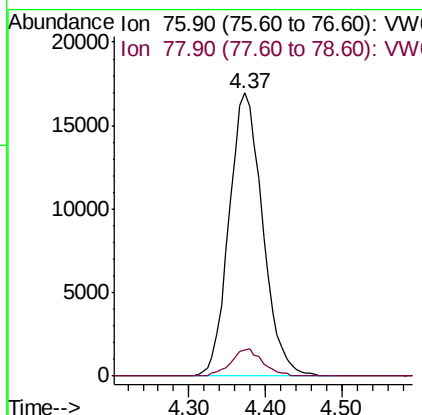
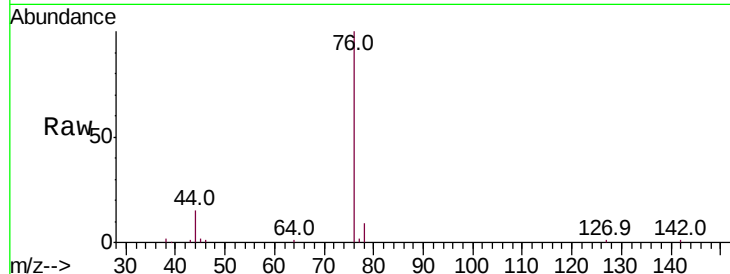




#17
Carbon Disulfide
Concen: 43.251 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

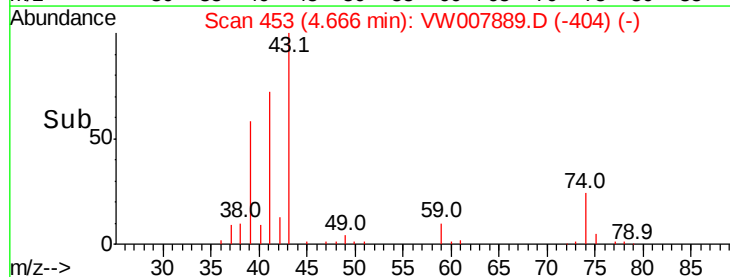
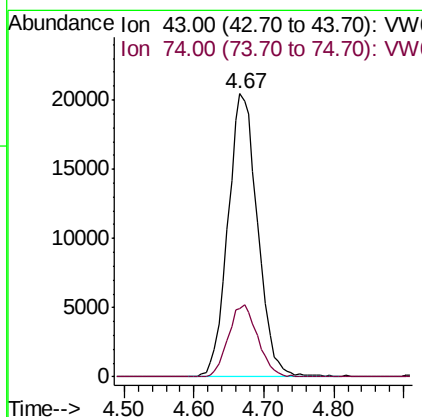
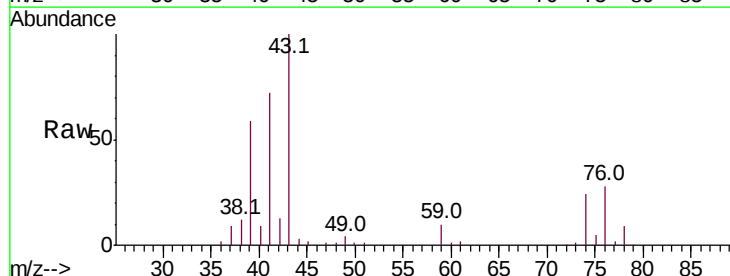
Instrument :
MSVOA_W
ClientSampleId :

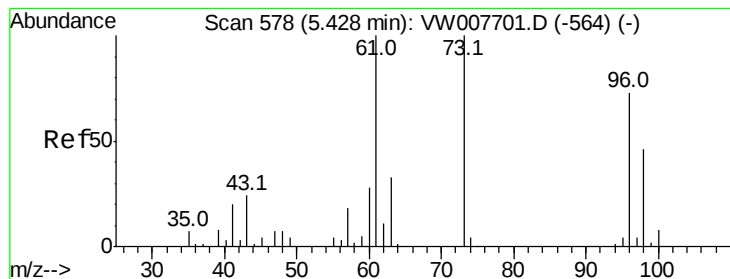
Tot Ion: 76 Resp: 51550
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 315.542 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion: 43 Resp: 60127
Ion Ratio Lower Upper
43 100
74 25.2 22.7 34.1



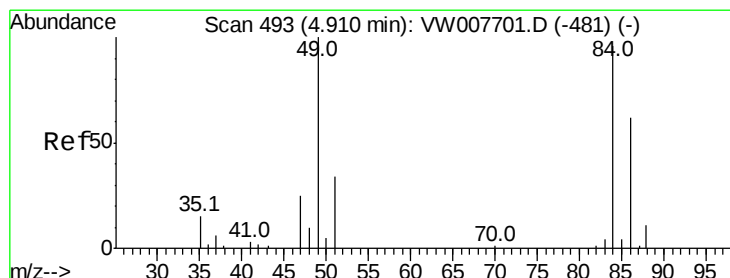
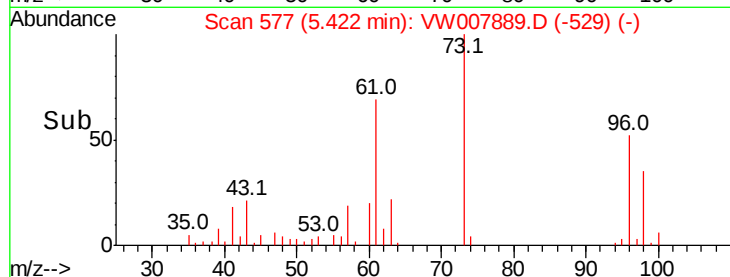
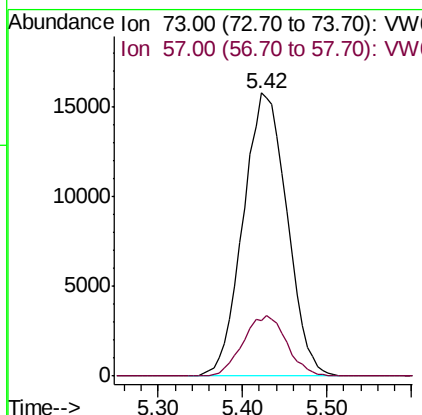
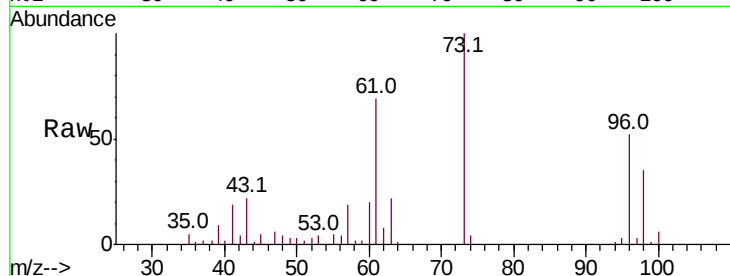


#19

Methyl tert-butyl Ether
 Concen: 101.472 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Instrument :
 MSVOA_W
 ClientSampled :

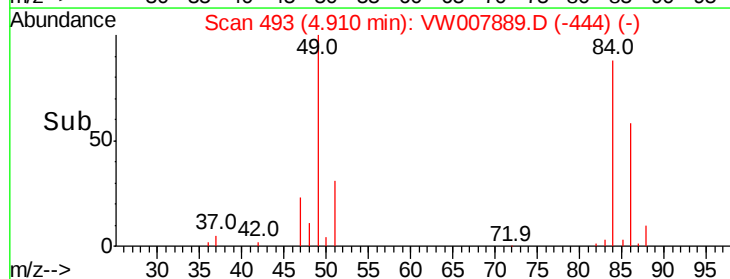
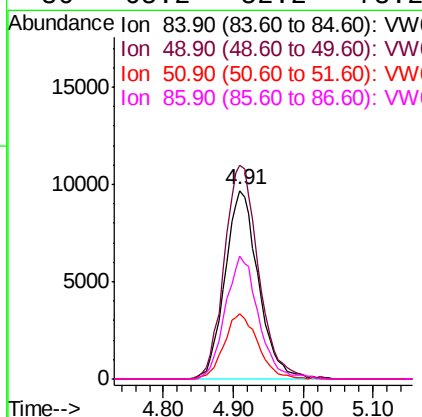
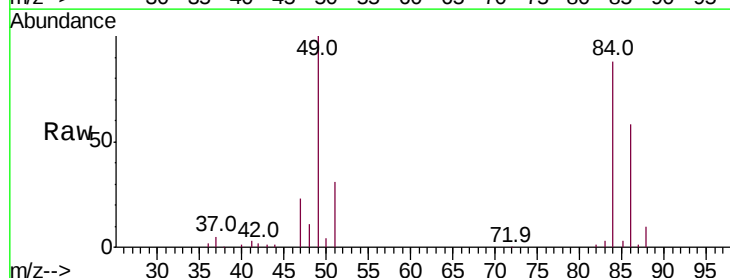
Tot Ion: 73 Resp: 56108
 Ion Ratio Lower Upper
 73 100
 57 19.4 14.7 22.1

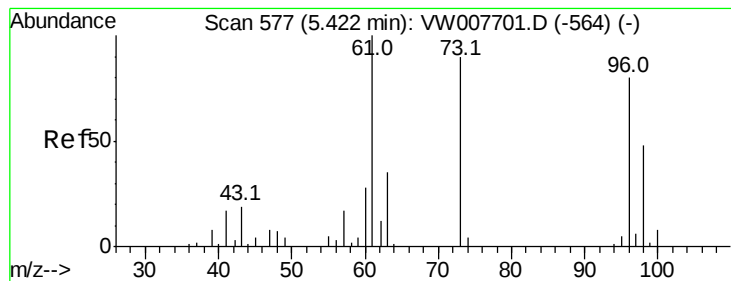


#20

Methylene Chloride
 Concen: 84.539 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Tgt Ion: 84 Resp: 32129
 Ion Ratio Lower Upper
 84 100
 49 113.4 83.7 125.5
 51 34.9 28.2 42.2
 86 65.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 58.142 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :
MSVOA_W
ClientSampled :

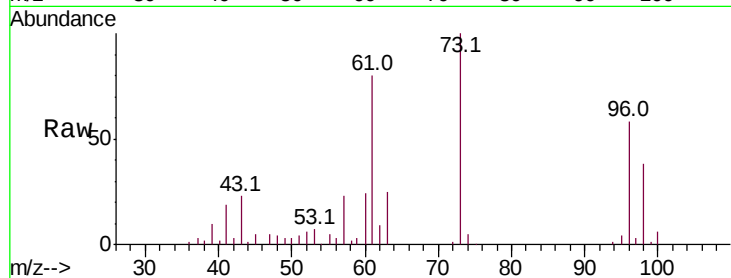
Tot Ion: 96 Resp: 24629

Ion Ratio Lower Upper

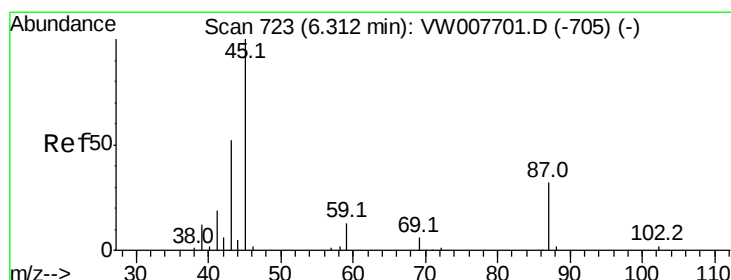
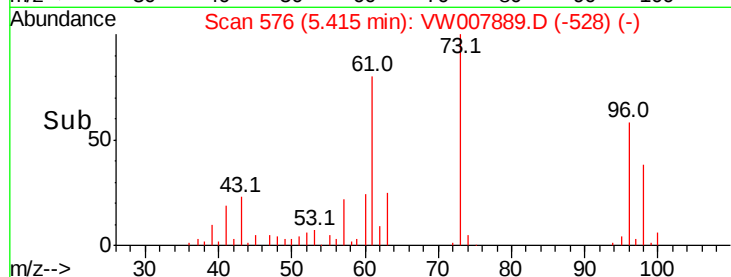
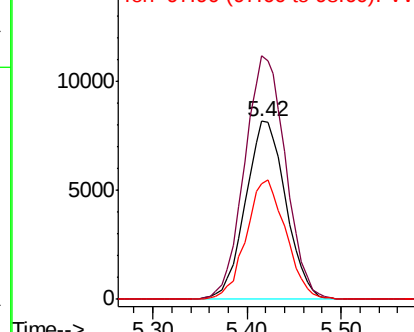
96 100

61 137.0 100.1 150.1

98 65.1 48.5 72.7



Abundance Ion 95.90 (95.60 to 96.60): VW
15000 Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 93.824 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Tgt Ion: 45 Resp: 88734

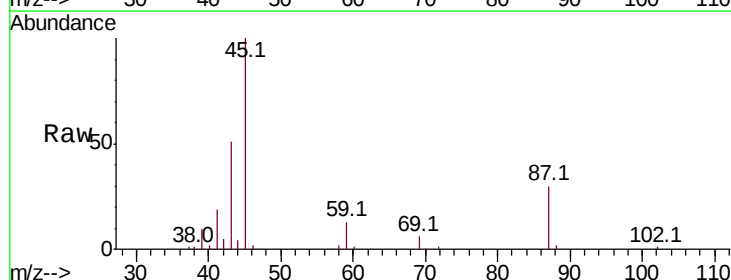
Ion Ratio Lower Upper

45 100

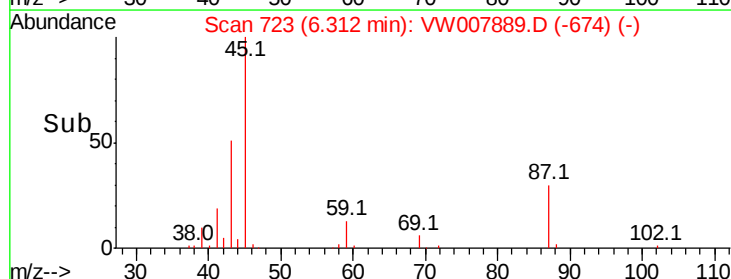
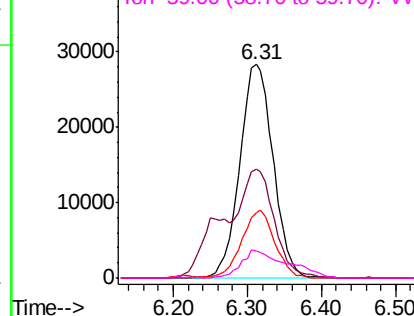
43 51.1 43.7 65.5

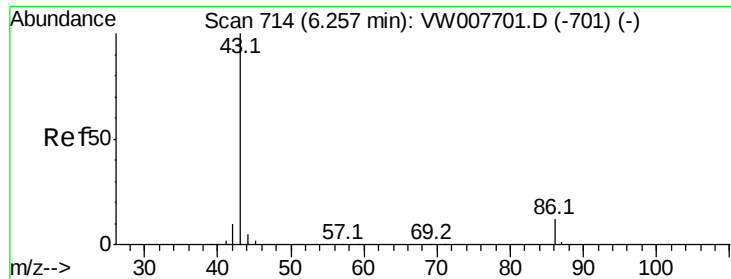
87 30.5 26.6 40.0

59 12.5 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VW
40000 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: 36.263 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

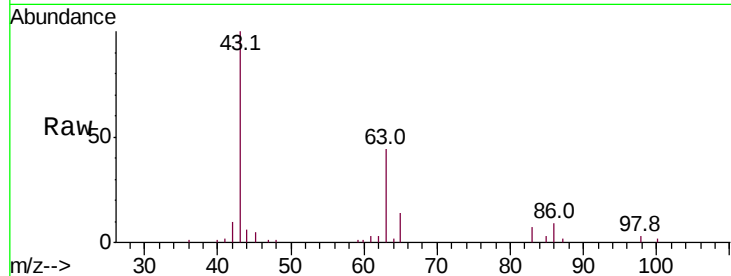
ClientSampled :

Tot Ion: 43 Resp: 20376

Ion Ratio Lower Upper

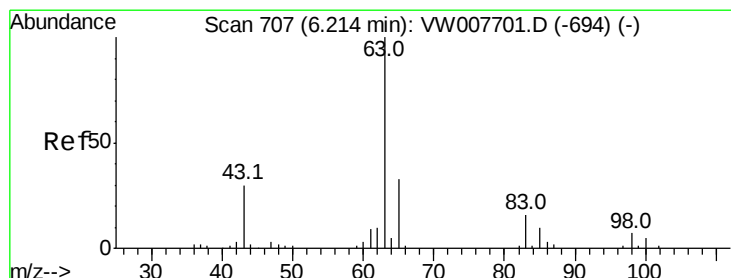
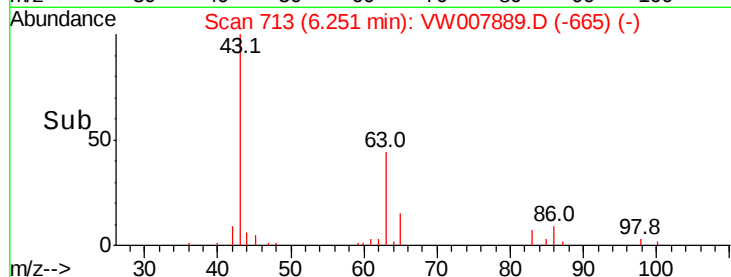
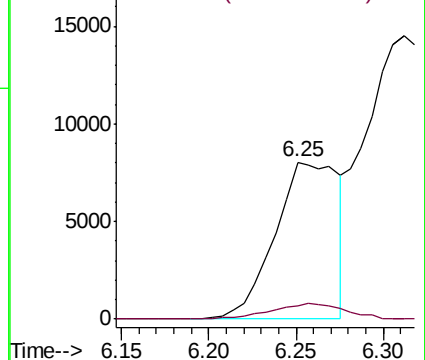
43 100

86 7.8 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 76.213 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

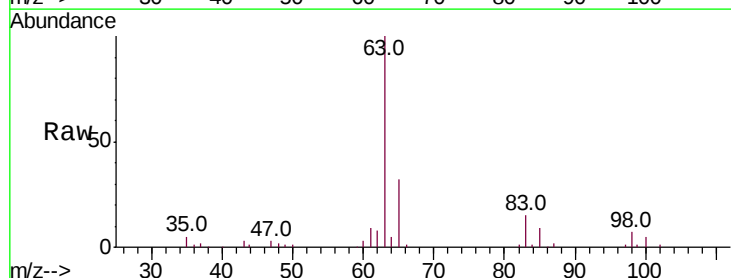
Tgt Ion: 63 Resp: 53025

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

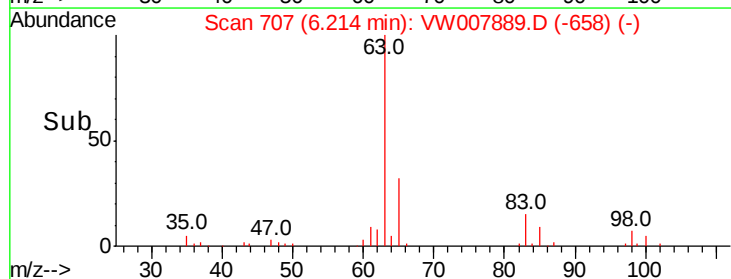
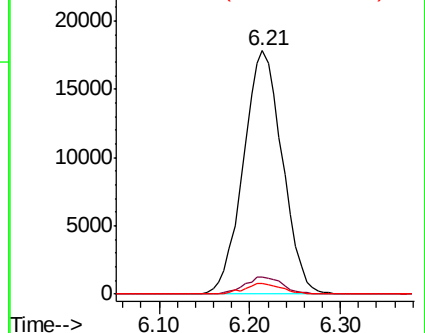
100 4.6 2.5 7.5

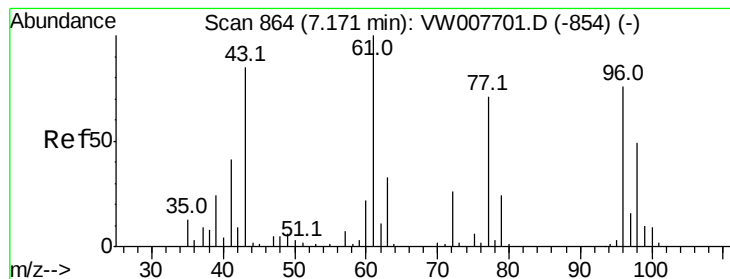


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 421.149 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

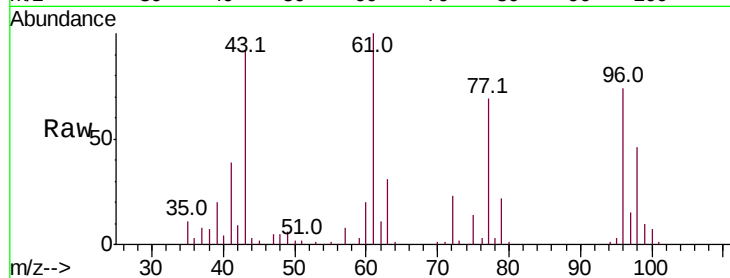
ClientSampleId :

Tot Ion: 43 Resp: 39524

Ion Ratio Lower Upper

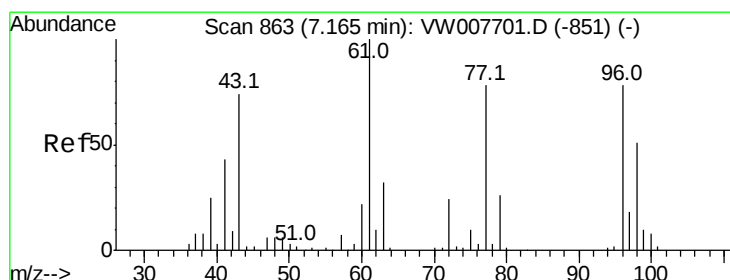
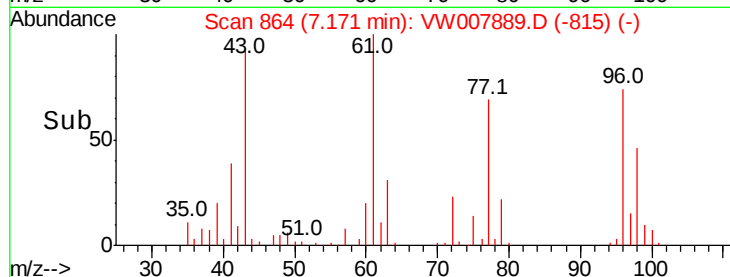
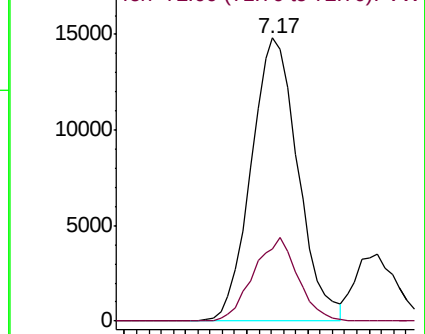
43 100

72 25.3 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 66.597 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007889.D

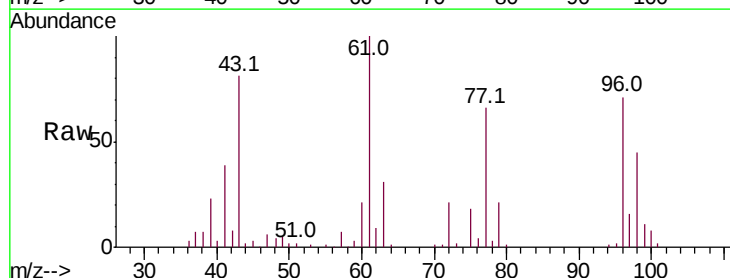
Acq: 24 Dec 2018 15:25

Tgt Ion: 77 Resp: 33906

Ion Ratio Lower Upper

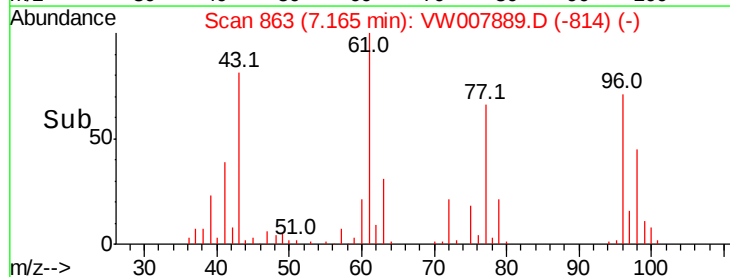
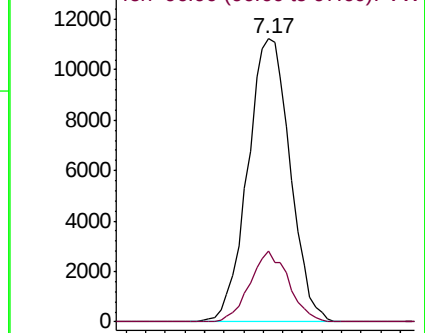
77 100

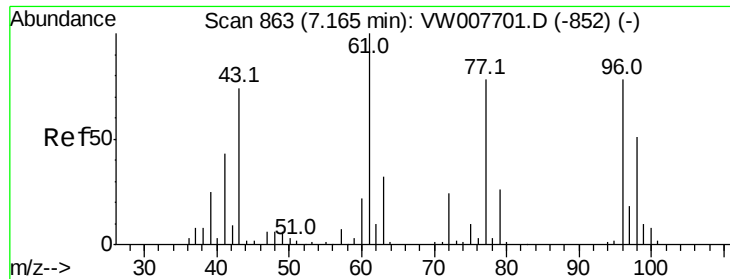
97 22.9 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



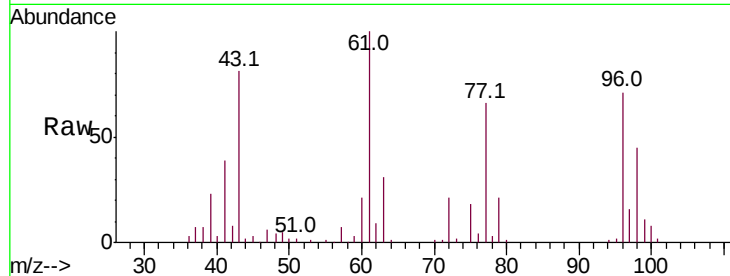


#27

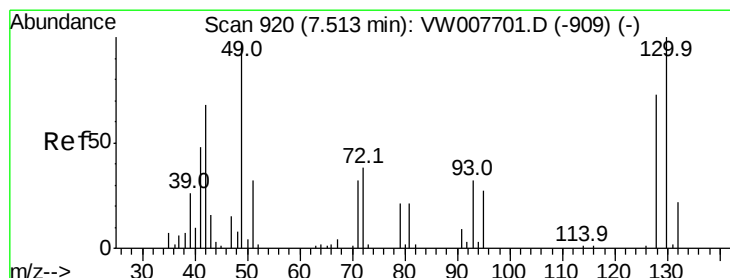
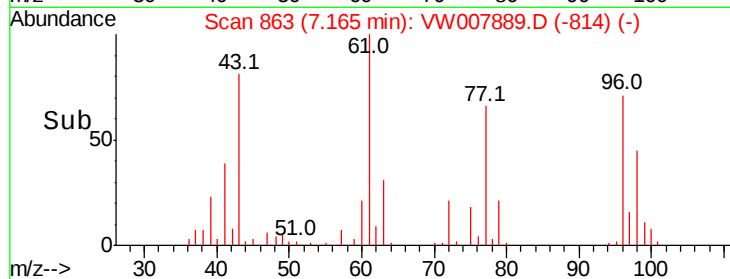
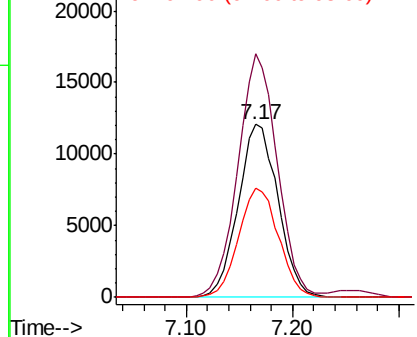
cis-1,2-Dichloroethene
Concen: 70.246 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 31702
Ion Ratio Lower Upper
96 100
61 139.5 0.0 271.6
98 63.2 0.0 131.2



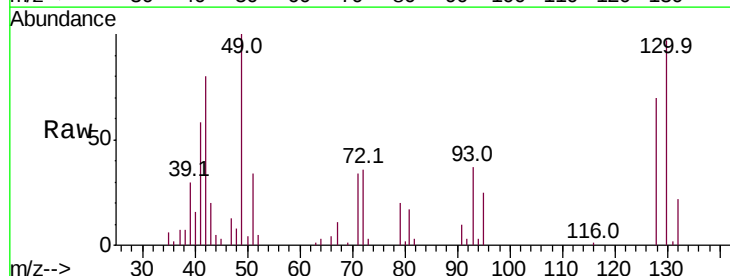
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



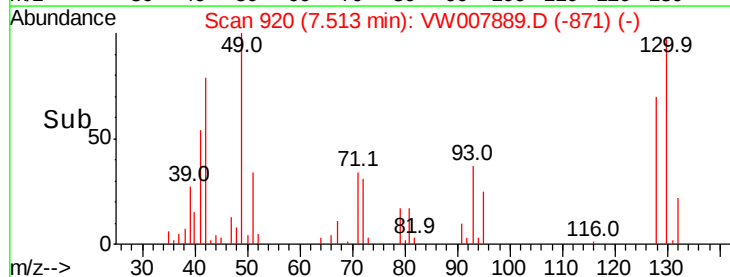
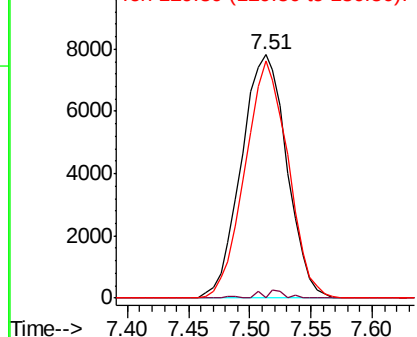
#28

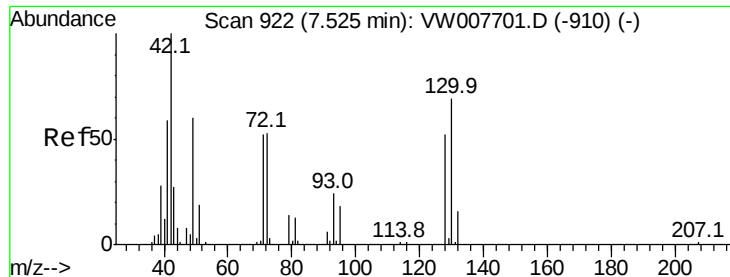
Bromochloromethane
Concen: 85.078 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion: 49 Resp: 20182
Ion Ratio Lower Upper
49 100
129 1.5 0.0 2.2
130 92.3 81.5 122.3



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





#29

Tetrahydrofuran

Concen: 482.557 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampled :

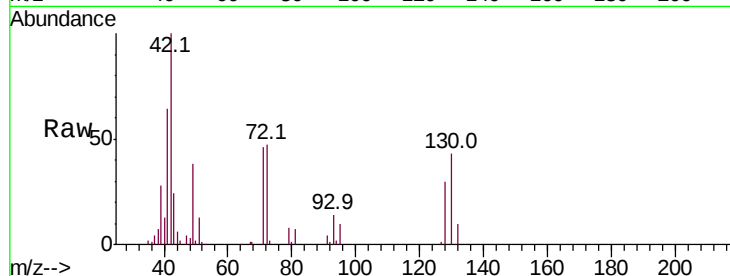
Tot Ion: 42 Resp: 27013

Ion Ratio Lower Upper

42 100

72 47.7 41.7 62.5

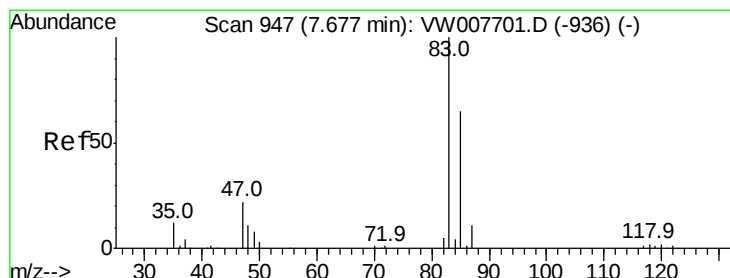
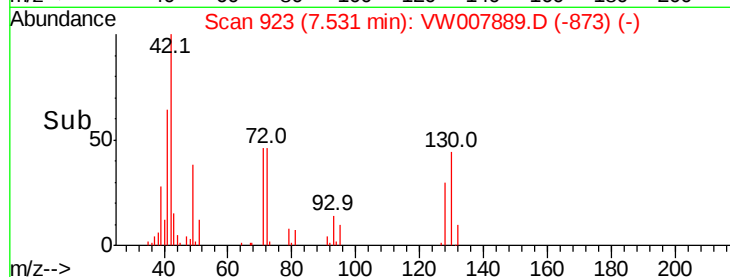
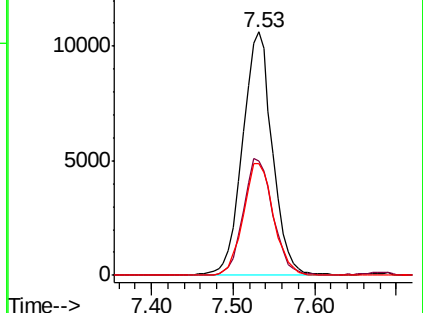
71 46.5 39.0 58.6



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: 67.532 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW007889.D

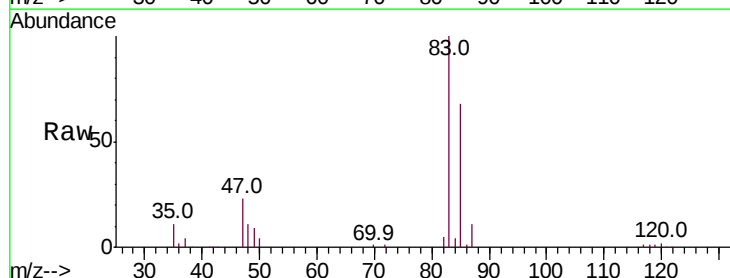
Acq: 24 Dec 2018 15:25

Tgt Ion: 83 Resp: 53173

Ion Ratio Lower Upper

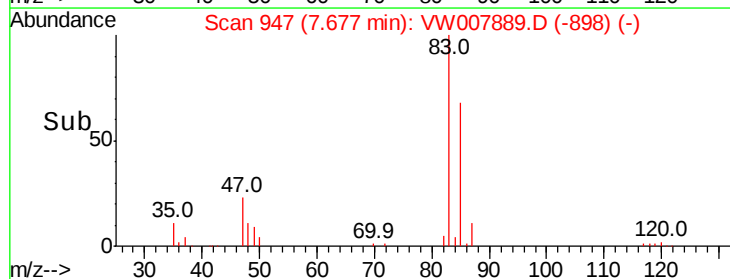
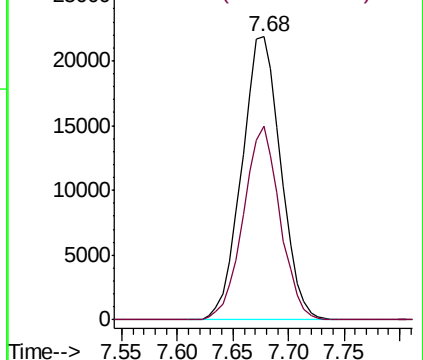
83 100

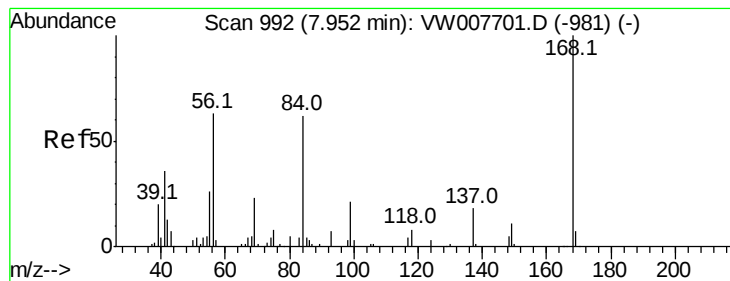
85 68.4 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 27.613 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampleId :

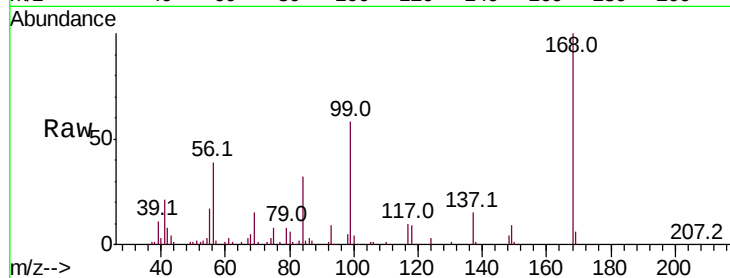
Tot Ion: 56 Resp: 17588

Ion Ratio Lower Upper

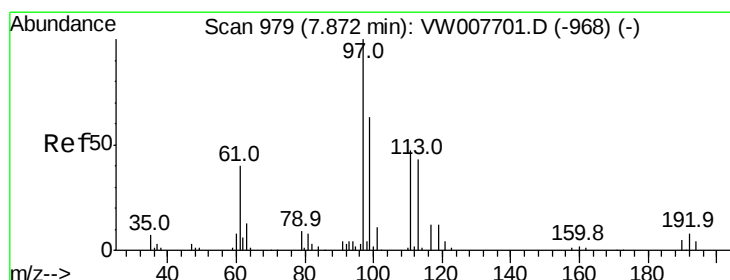
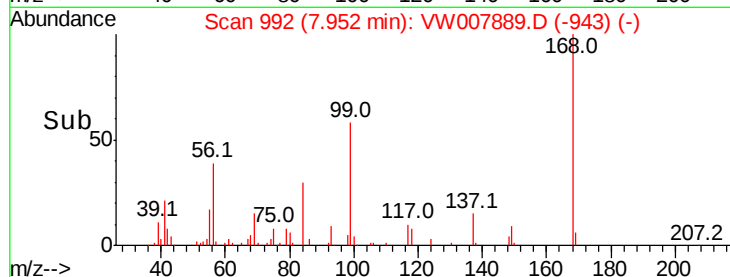
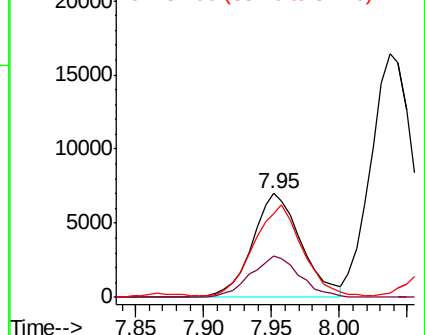
56 100

69 39.5 29.7 44.5

84 79.7 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: 51.879 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

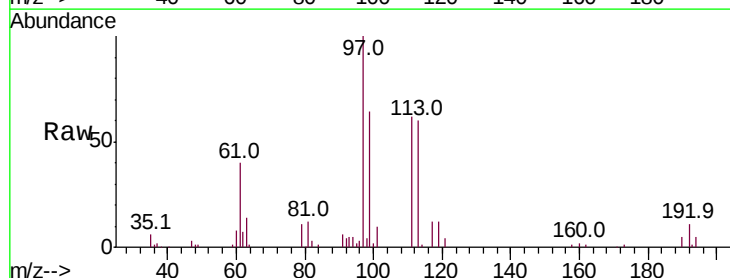
Tgt Ion: 97 Resp: 37202

Ion Ratio Lower Upper

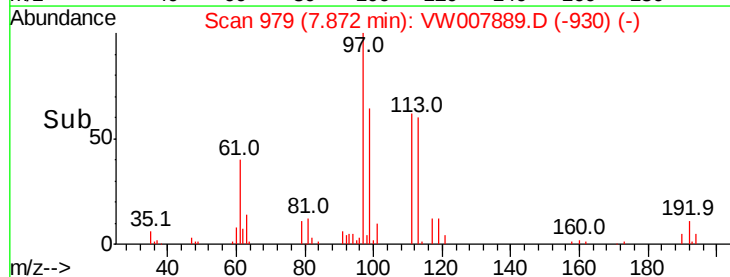
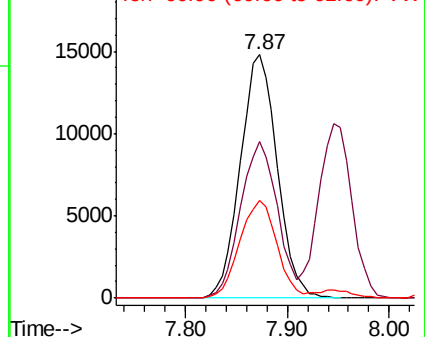
97 100

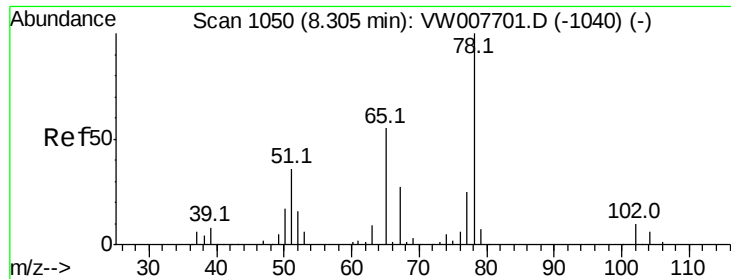
99 64.4 50.6 76.0

61 40.7 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

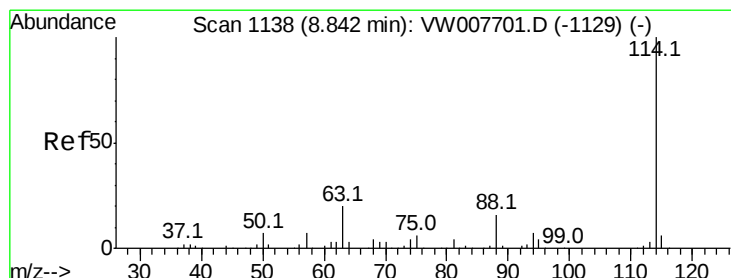
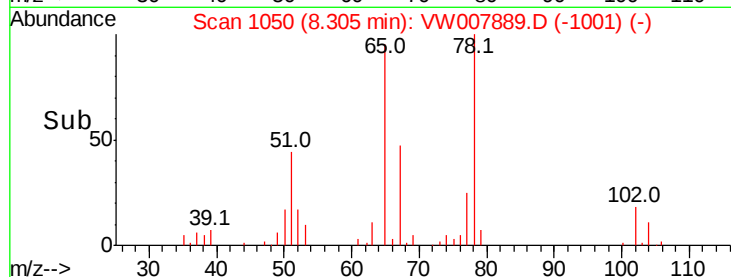
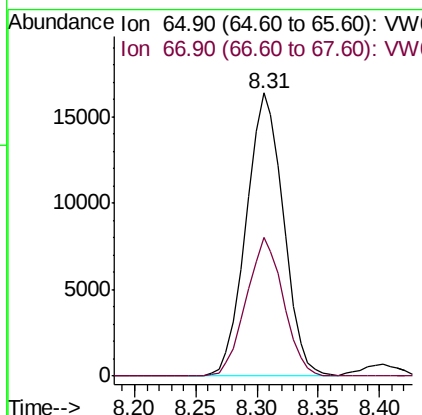
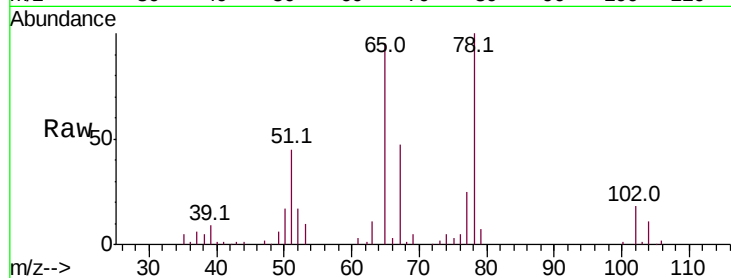




#33
 1,2-Dichloroethane-d4
 Concen: 81.127 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

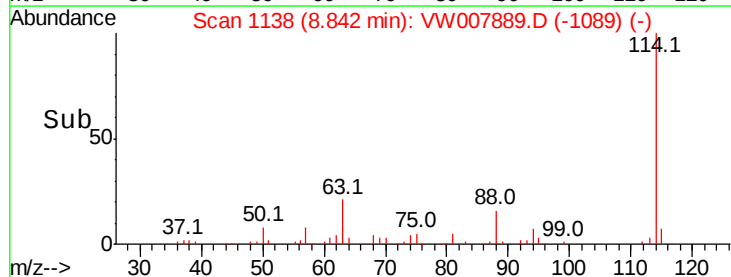
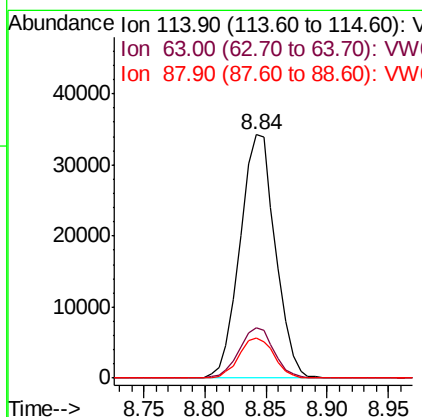
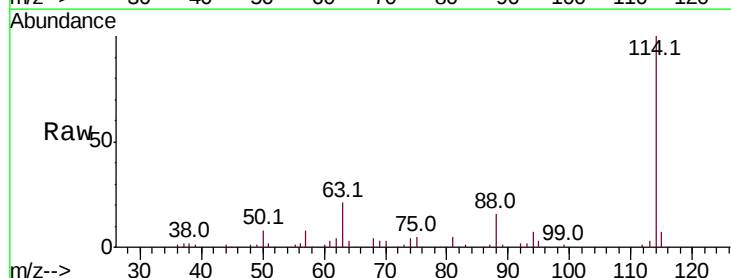
Instrument :
 MSVOA_W
 ClientSampled :

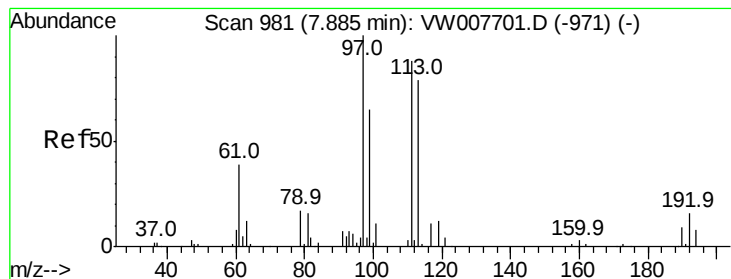
Tot Ion: 65 Resp: 34712
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Tgt Ion: 114 Resp: 68782
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 68.791 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampleId :

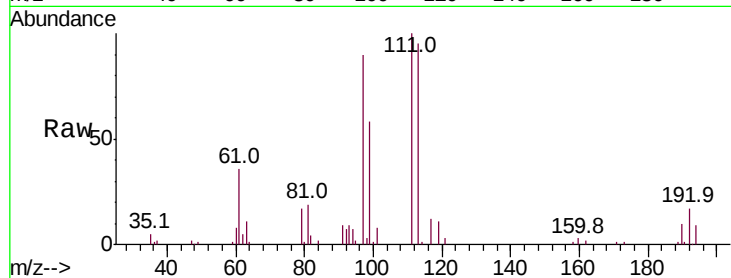
Tot Ion:113 Resp: 28865

Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

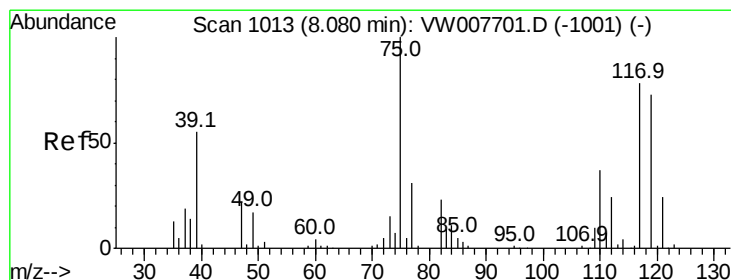
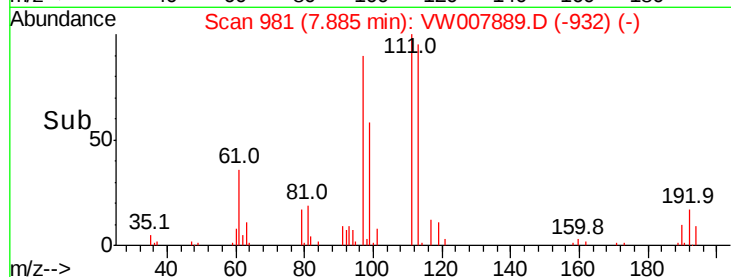
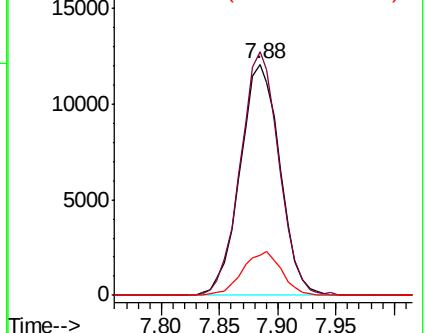
192 18.4 15.5 23.3



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: 34.734 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

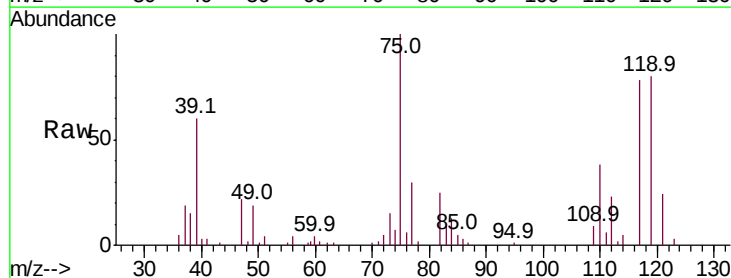
Tgt Ion: 75 Resp: 23059

Ion Ratio Lower Upper

75 100

110 35.3 18.6 55.8

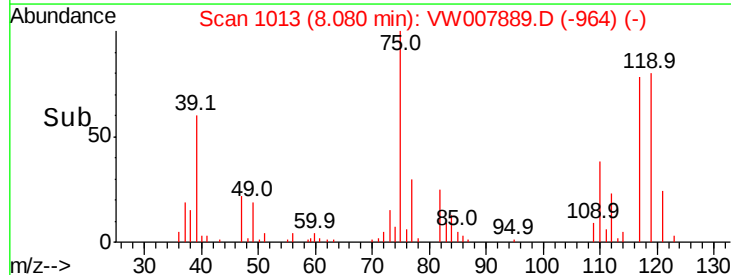
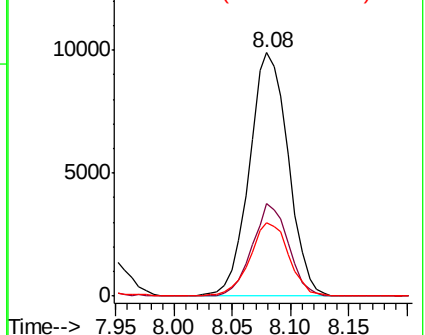
77 30.2 25.0 37.4

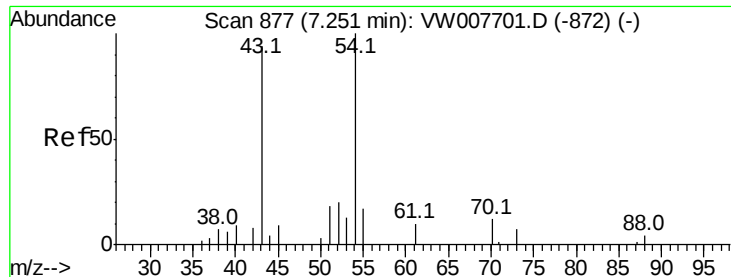


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

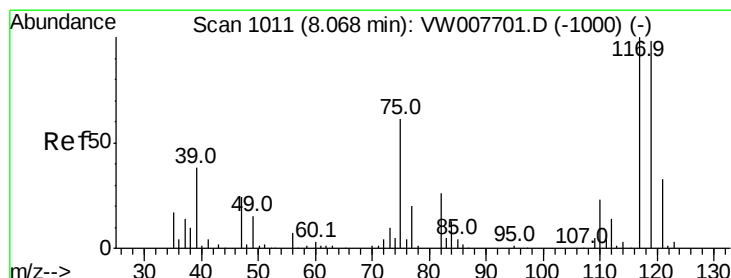
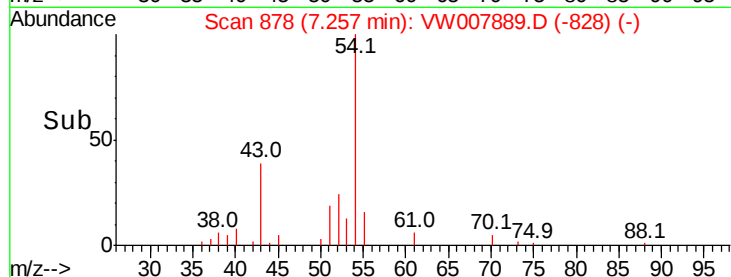
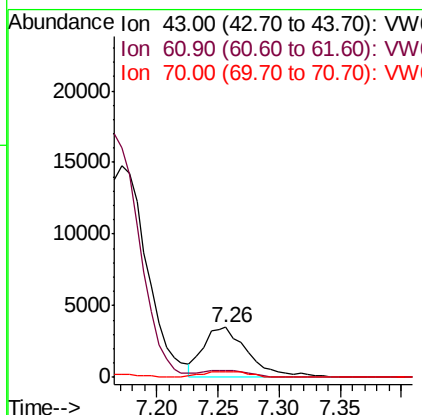
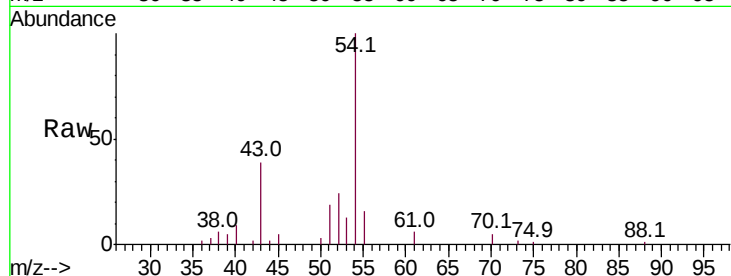




#37
Ethyl Acetate
Concen: 38.920 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

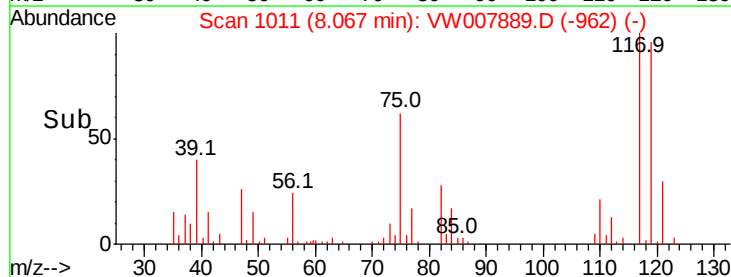
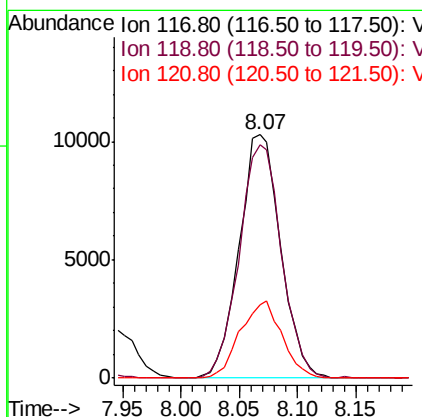
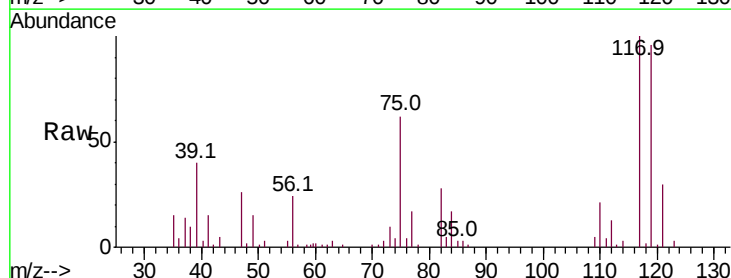
Instrument :
MSVOA_W
ClientSampled :

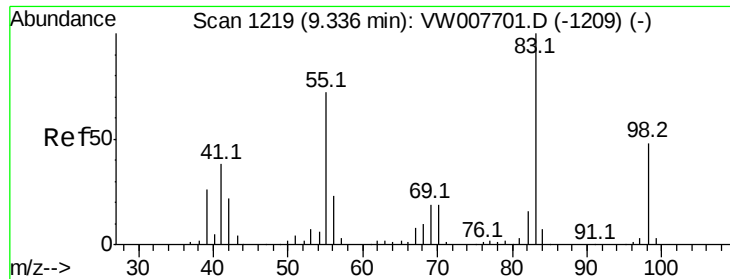
Tot Ion: 43 Resp: 8917
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 11.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 32.632 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion: 117 Resp: 25513
Ion Ratio Lower Upper
117 100
119 95.9 78.2 117.2
121 30.0 26.1 39.1

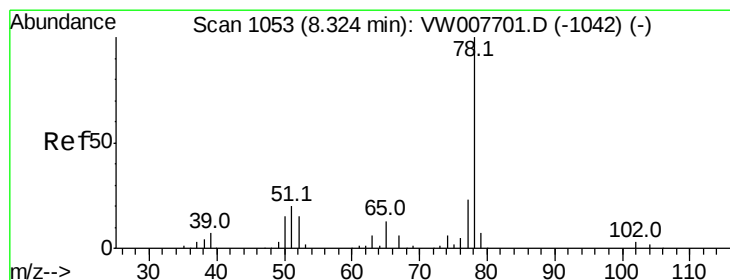
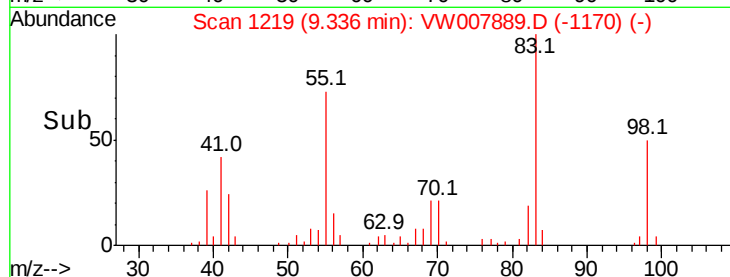
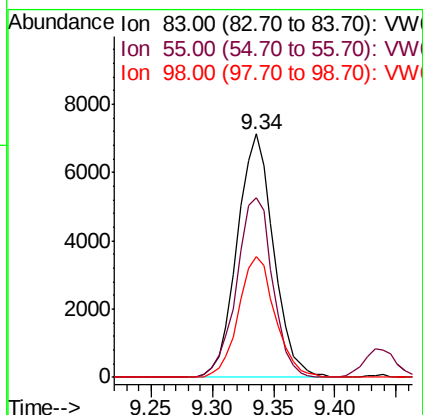
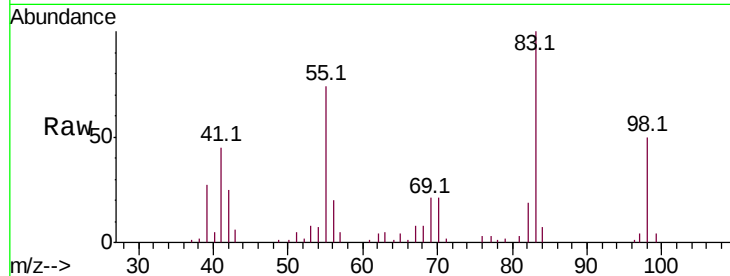




#39
Methvlcvclohexane
Concen: 17.848 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

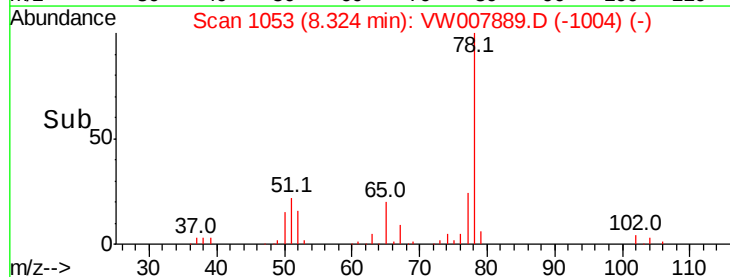
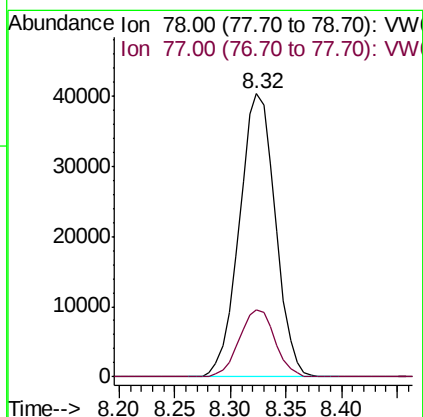
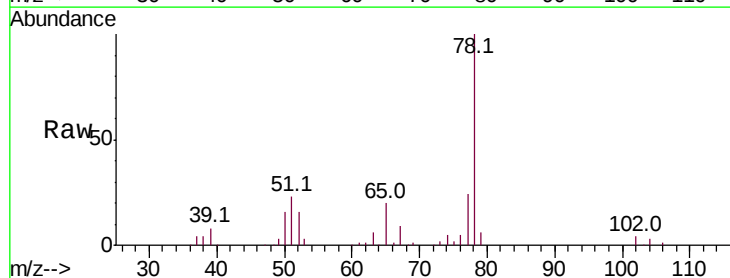
Instrument :
MSVOA_W
ClientSampled :

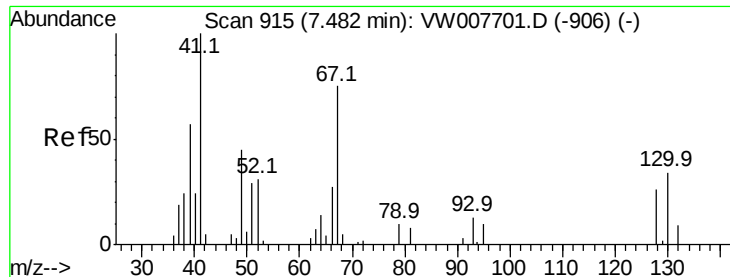
Tot Ion: 83 Resp: 14723
Ion Ratio Lower Upper
83 100
55 74.0 57.2 85.8
98 49.7 38.6 58.0



#40
Benzene
Concen: 51.146 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion: 78 Resp: 90606
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1





#41

Methacrylonitrile

Concen: 84.834 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 11035

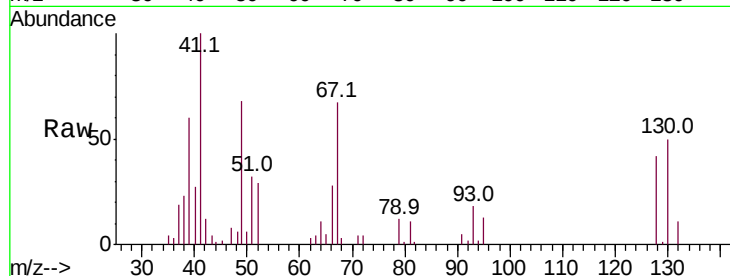
Ion Ratio Lower Upper

41 100

39 62.9 54.2 81.4

67 77.4 65.7 98.5

52 32.8 26.2 39.4



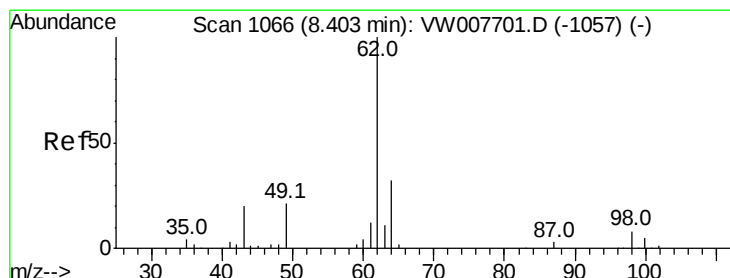
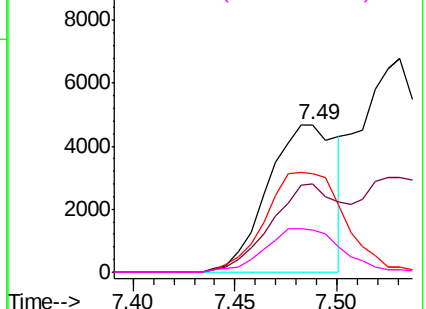
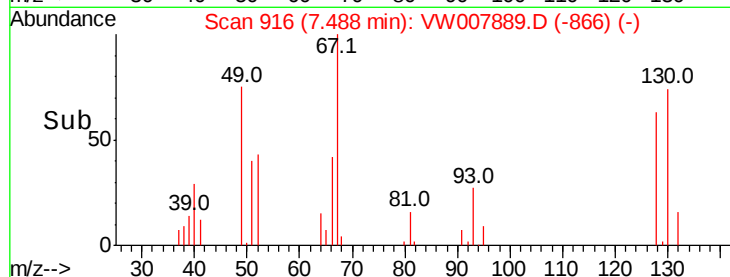
Abundance

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: 65.925 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007889.D

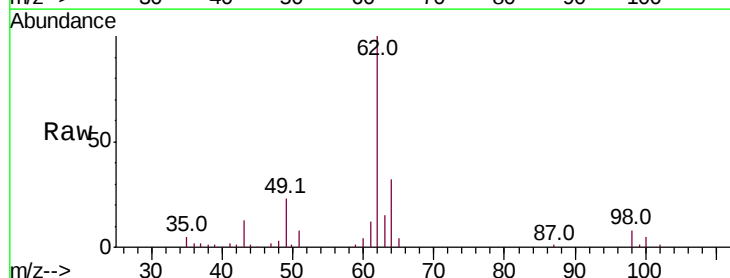
Acq: 24 Dec 2018 15:25

Tgt Ion: 62 Resp: 39138

Ion Ratio Lower Upper

62 100

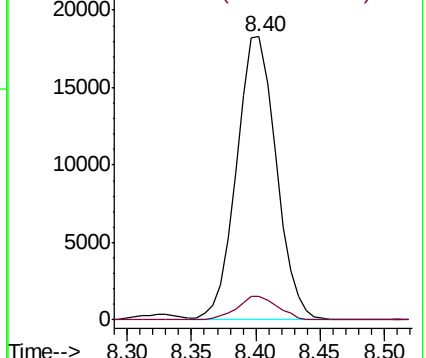
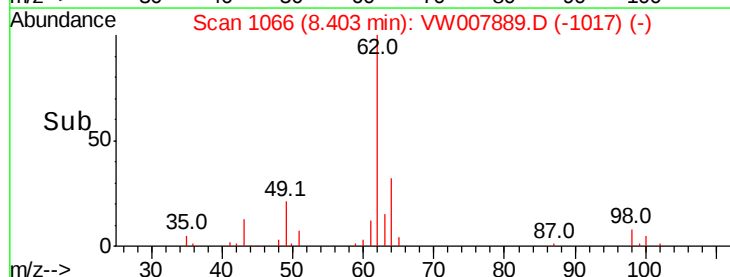
98 8.6 0.0 16.6

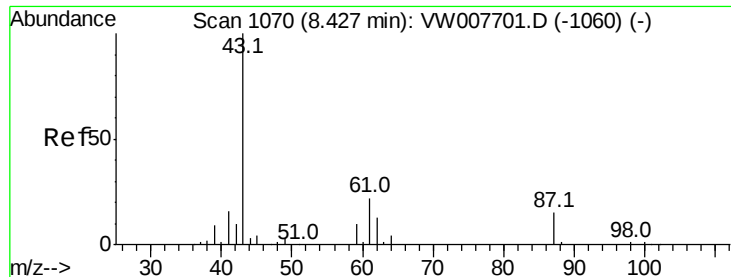


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 45.147 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampleId :

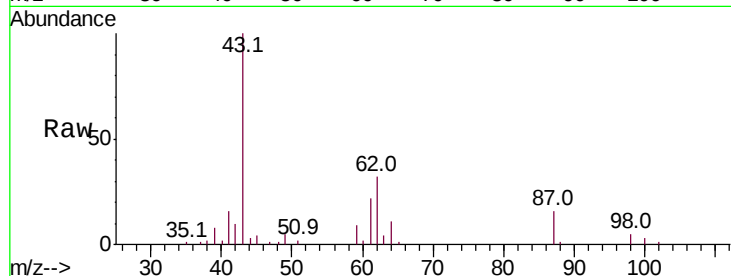
Tot Ion: 43 Resp: 20723

Ion Ratio Lower Upper

43 100

61 37.5 26.3 39.5

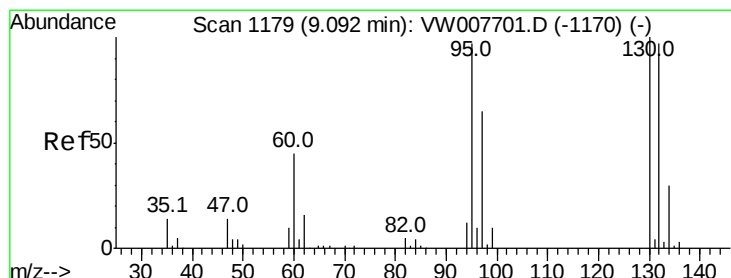
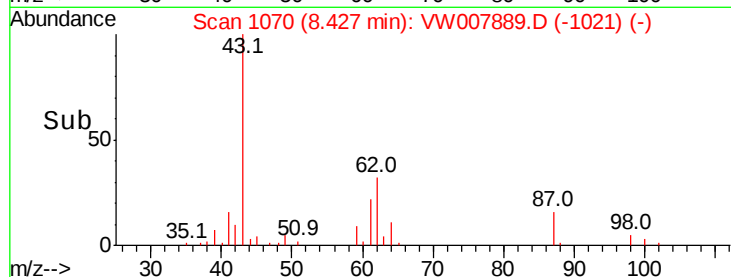
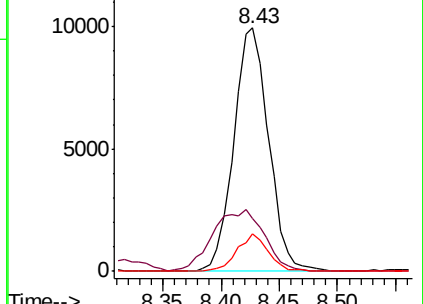
87 14.0 12.0 18.0



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: 33.873 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007889.D

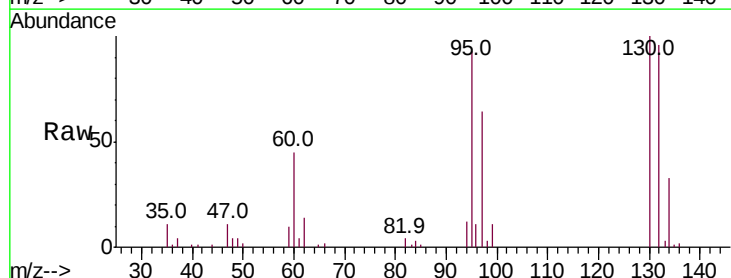
Acq: 24 Dec 2018 15:25

Tgt Ion:130 Resp: 18147

Ion Ratio Lower Upper

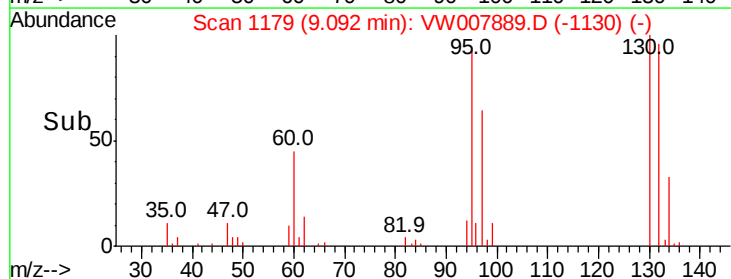
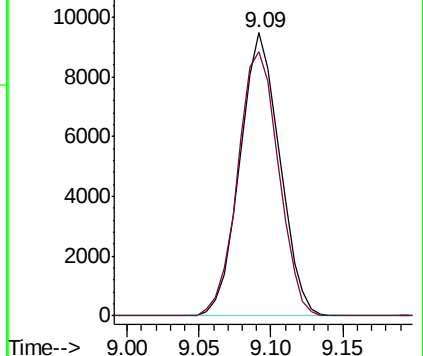
130 100

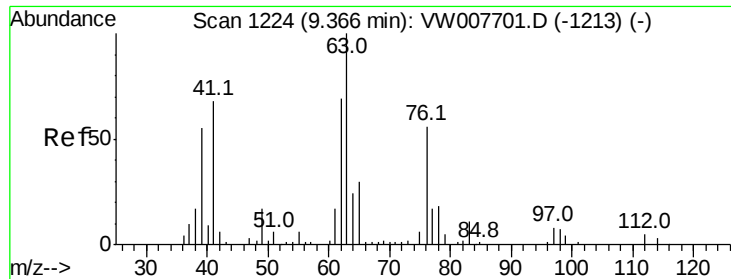
95 93.4 0.0 194.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 61.325 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

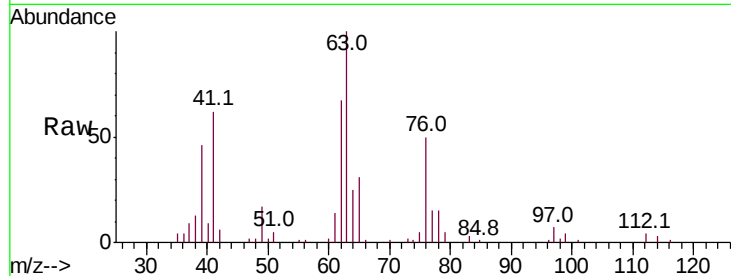
ClientSampled :

Tot Ion: 63 Resp: 24106

Ion Ratio Lower Upper

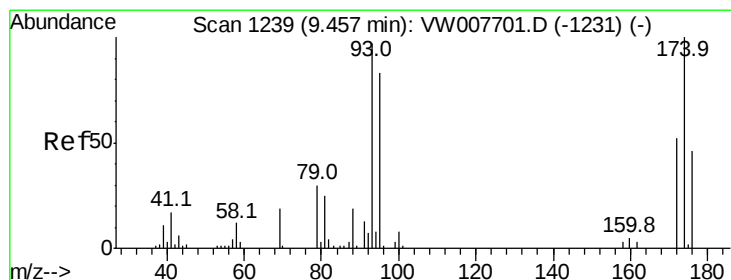
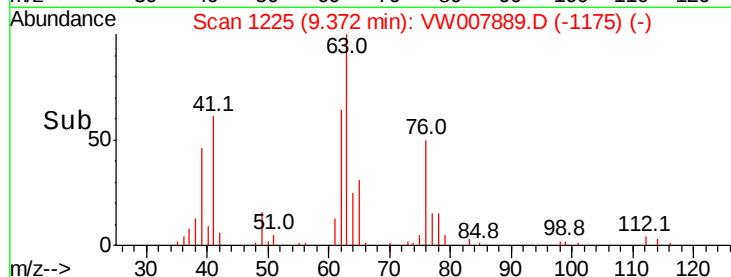
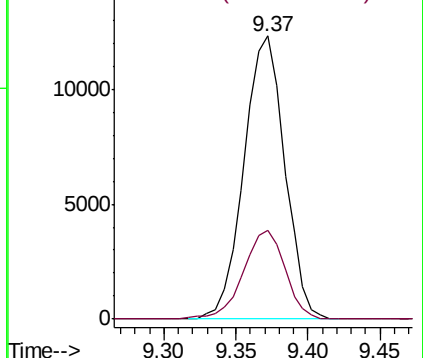
63 100

65 31.2 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: 61.028 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

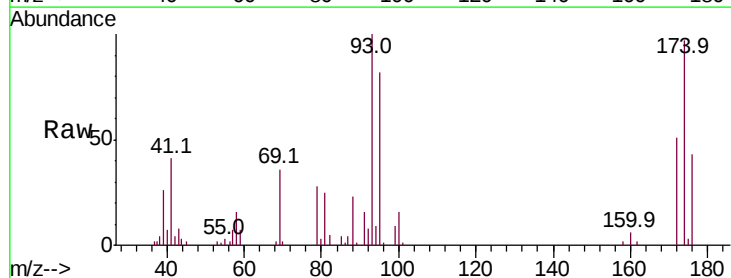
Tgt Ion: 93 Resp: 14767

Ion Ratio Lower Upper

93 100

95 80.2 67.5 101.3

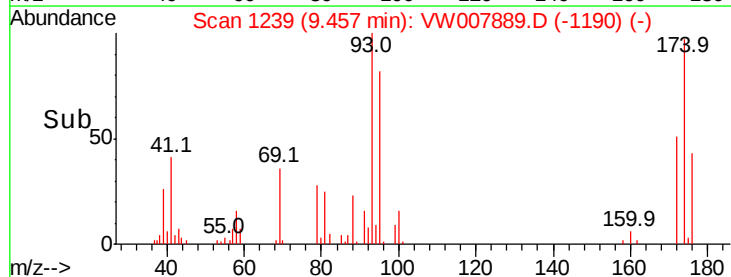
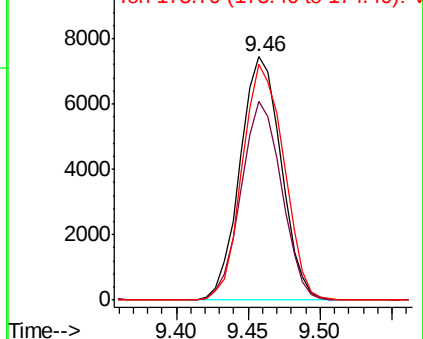
174 98.0 83.9 125.9

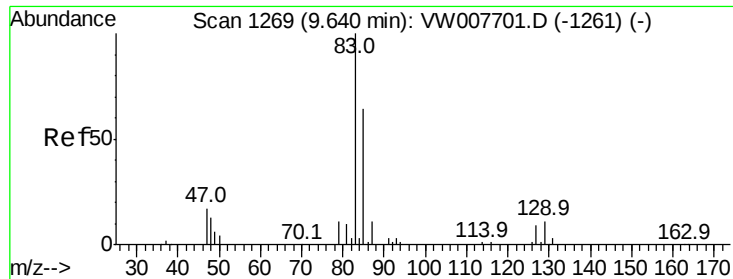


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.070 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampleId :

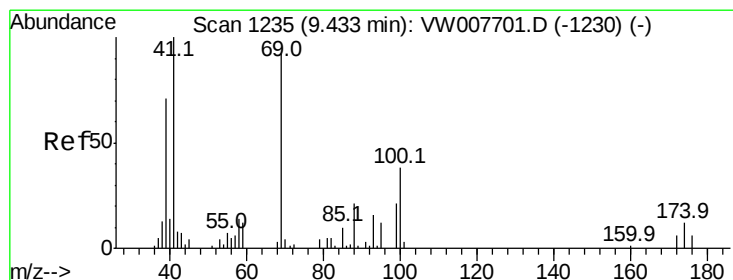
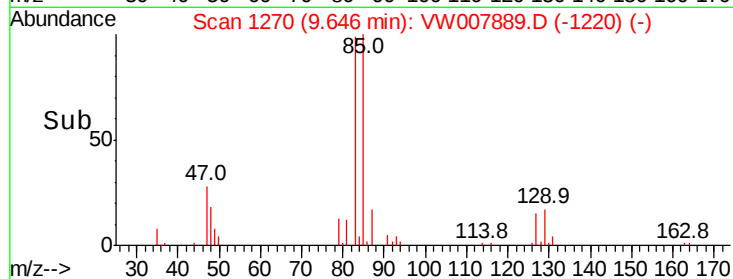
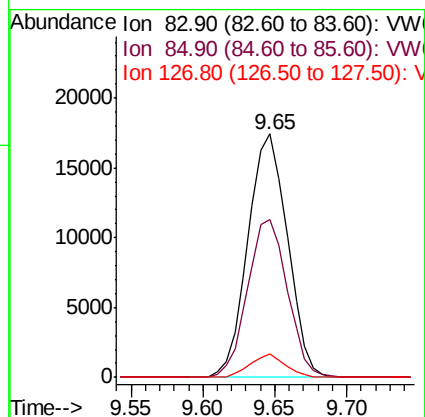
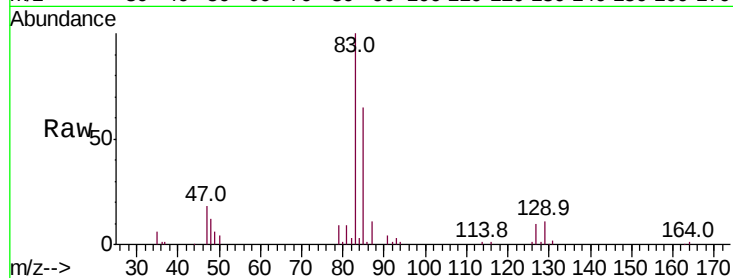
Tot Ion: 83 Resp: 33123

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

127 9.9 7.5 11.3



#48

Methyl methacrylate

Concen: 96.243 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

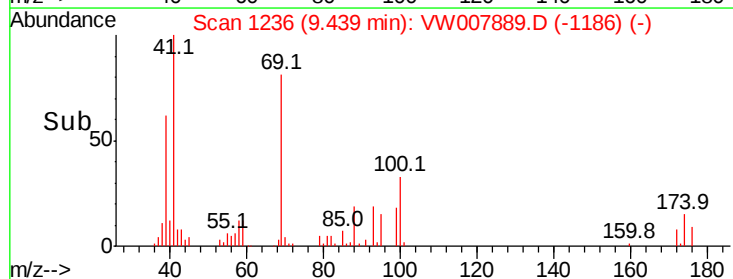
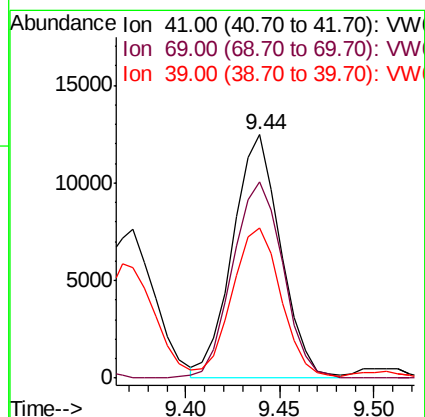
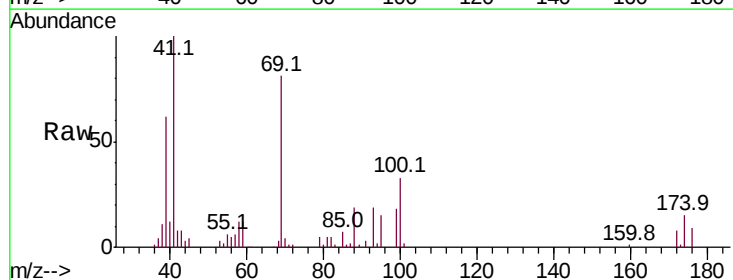
Tgt Ion: 41 Resp: 22051

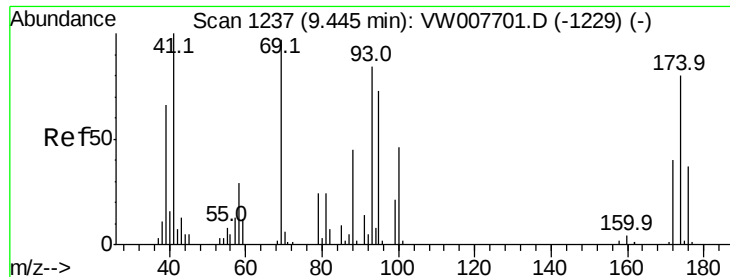
Ion Ratio Lower Upper

41 100

69 84.4 74.2 111.2

39 63.5 53.9 80.9





#49

1,4-Dioxane

Concen: 1386.993 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :
MSVOA_W
ClientSampled :

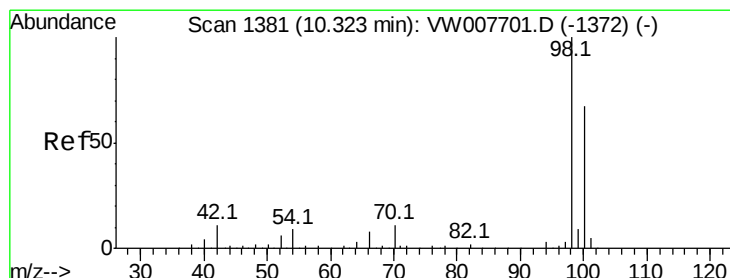
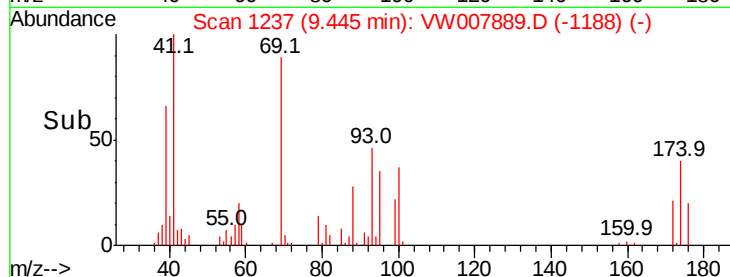
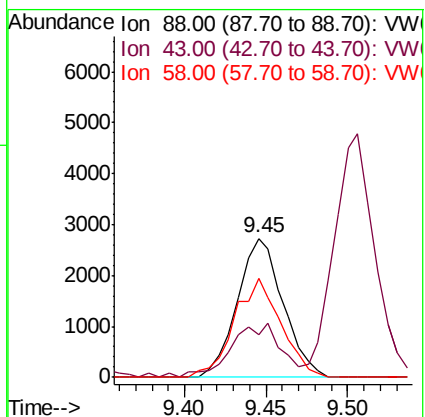
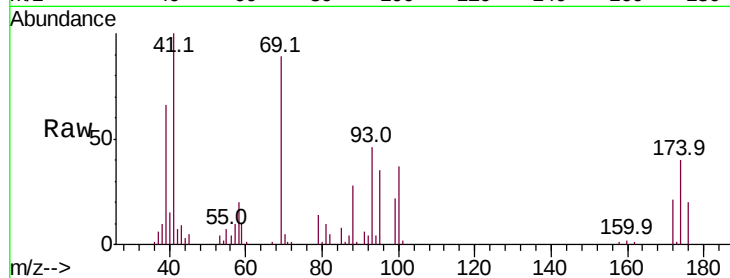
Tot Ion: 88 Resp: 5321

Ion Ratio Lower Upper

88 100

43 42.3 25.6 38.4#

58 72.7 52.3 78.5



#50

Toluene-d8

Concen: 34.855 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007889.D

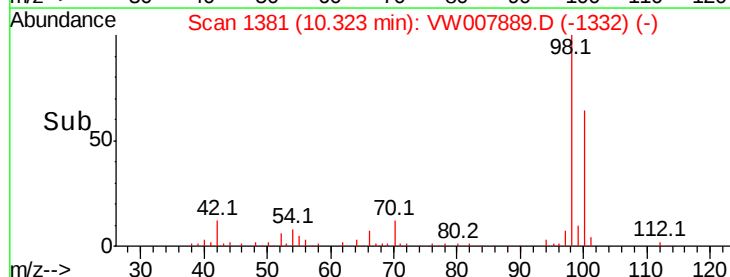
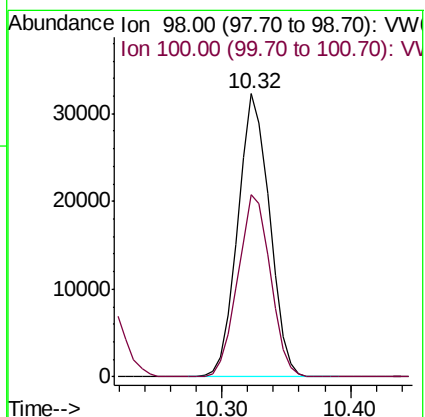
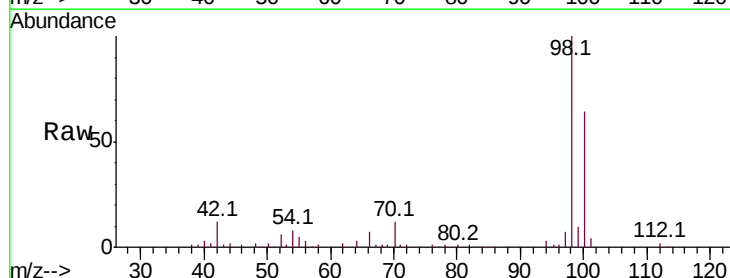
Acq: 24 Dec 2018 15:25

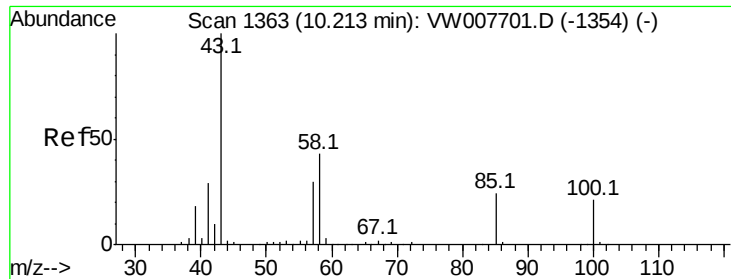
Tgt Ion: 98 Resp: 55136

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 387.197 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

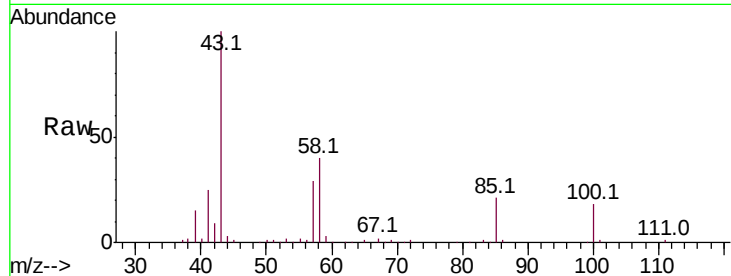
ClientSampled :

Tot Ion: 43 Resp: 83994

Ion Ratio Lower Upper

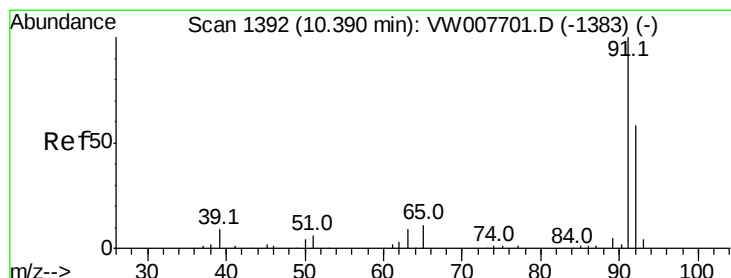
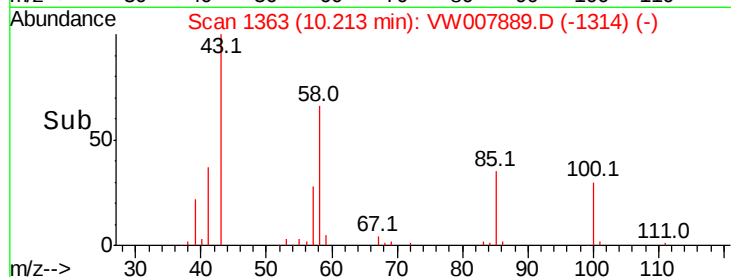
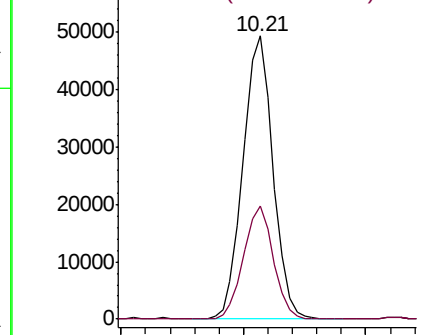
43 100

58 39.5 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 33.857 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007889.D

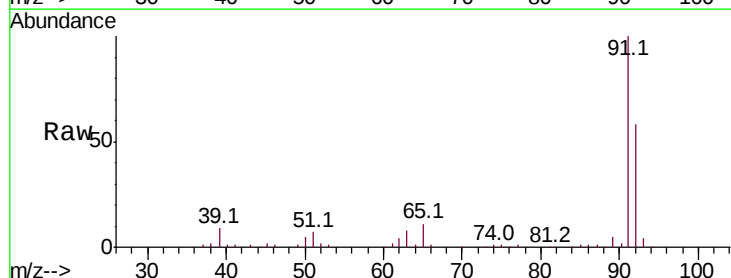
Acq: 24 Dec 2018 15:25

Tgt Ion: 92 Resp: 40242

Ion Ratio Lower Upper

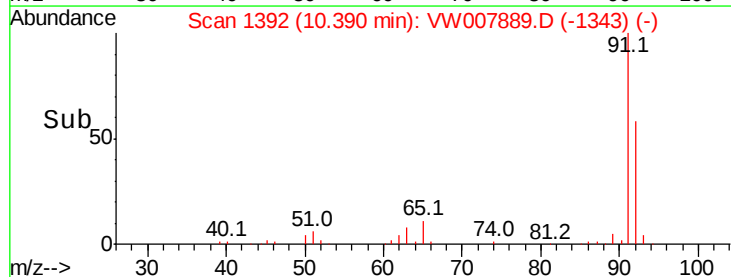
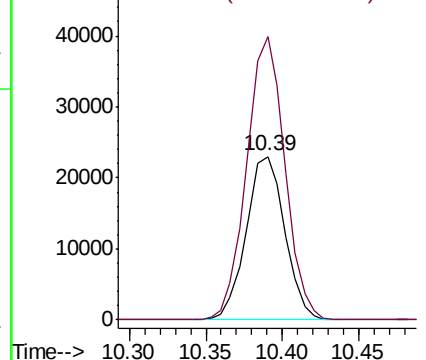
92 100

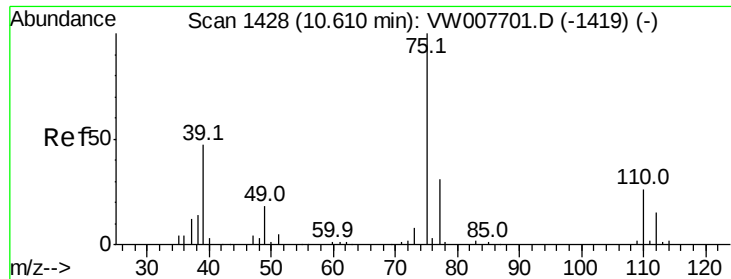
91 172.3 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 50.464 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

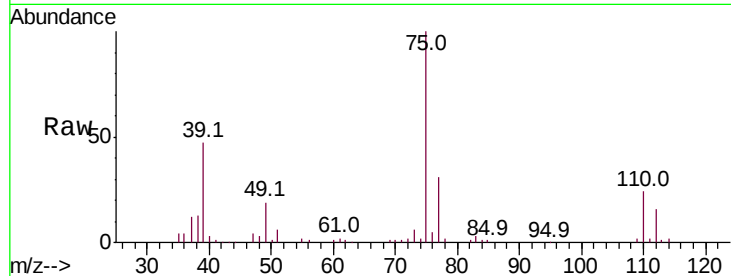
ClientSampled :

Tot Ion: 75 Resp: 31930

Ion Ratio Lower Upper

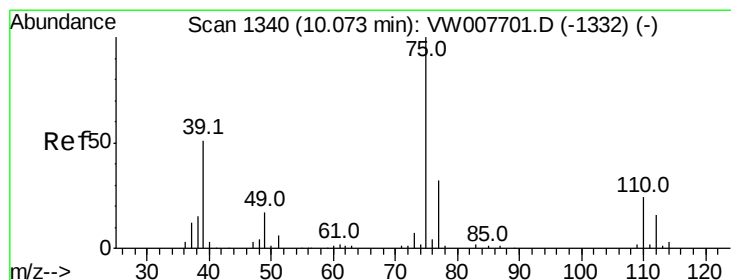
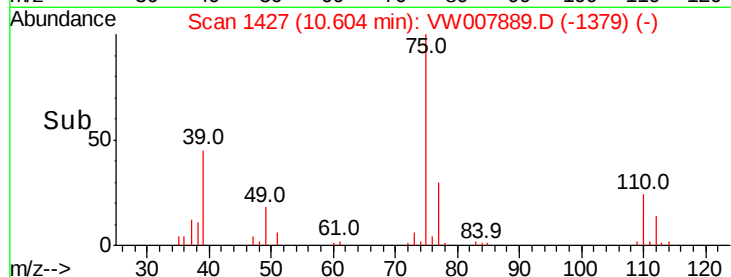
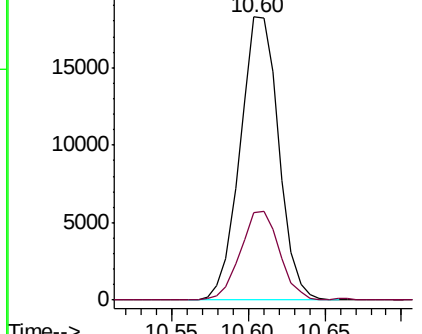
75 100

77 30.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 51.947 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

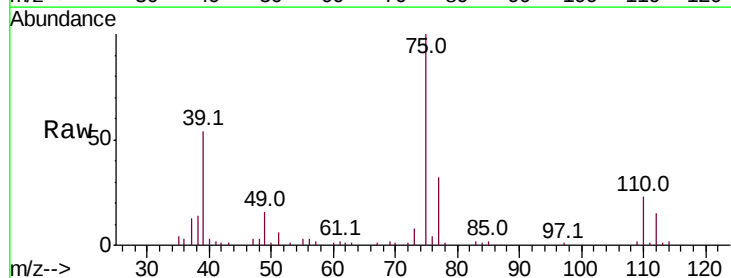
Tgt Ion: 75 Resp: 36306

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

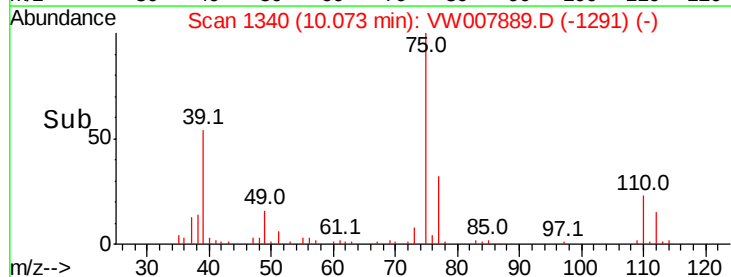
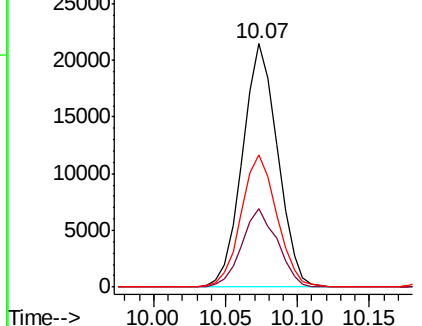
39 54.4 41.2 61.8

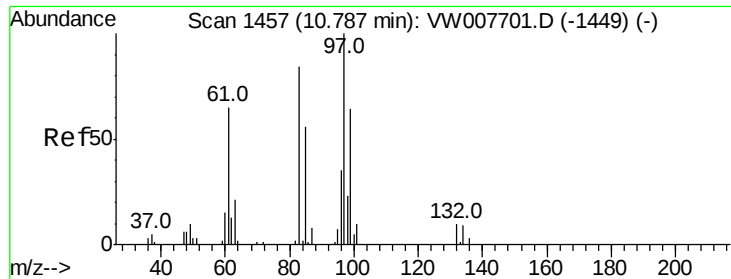


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 65.310 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

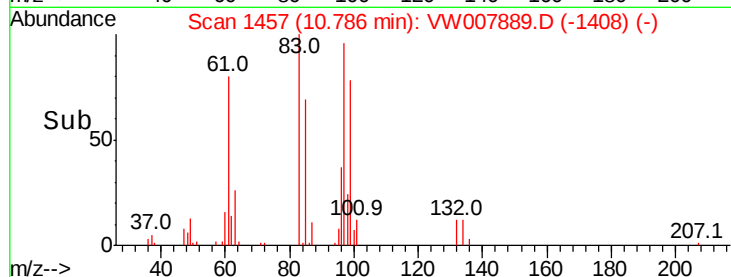
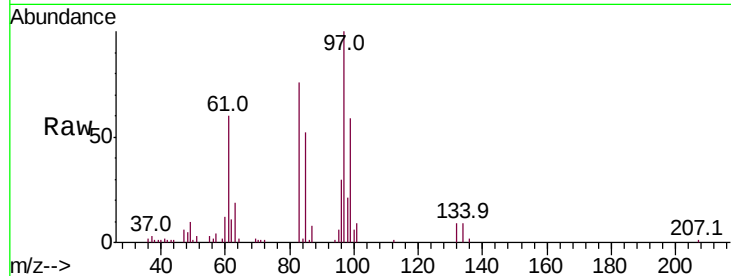
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 21786

Ion	Ratio	Lower	Upper
97	100		
83	76.5	67.5	101.3
85	51.9	44.8	67.2
99	58.9	51.0	76.4

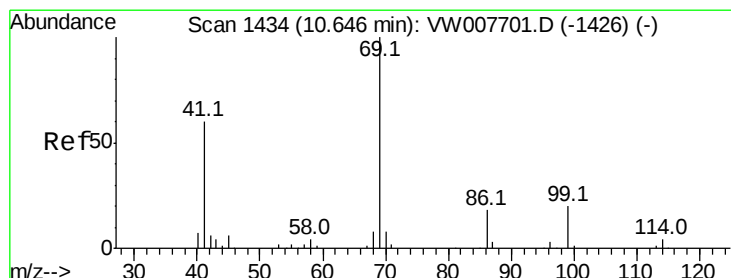
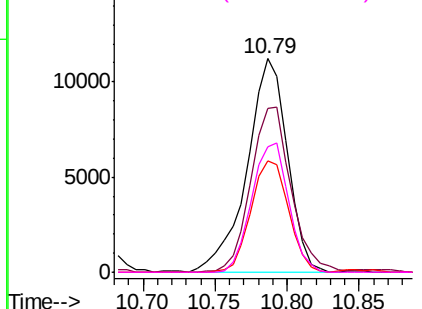


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 48.977 ug/l

RT: 10.65 min Scan# 1434

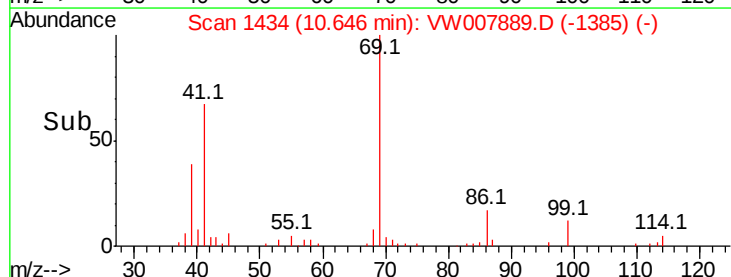
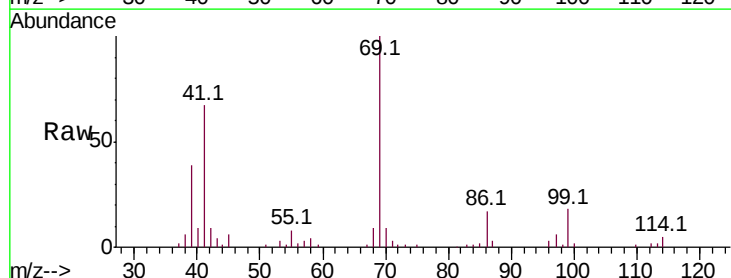
Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Tgt Ion: 69 Resp: 19303

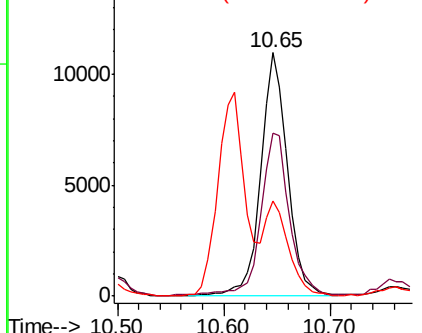
Ion	Ratio	Lower	Upper
69	100		
41	73.1	48.9	73.3
39	33.7	31.3	46.9

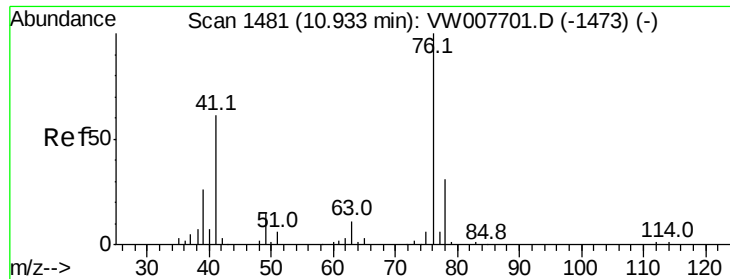


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

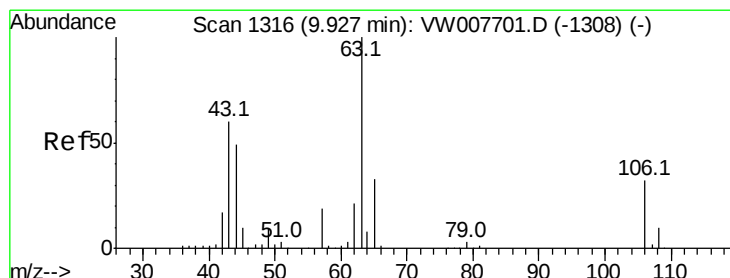
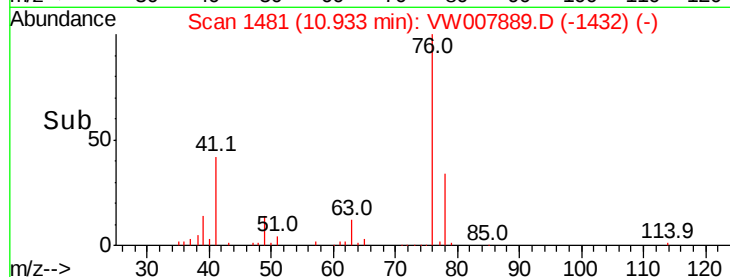
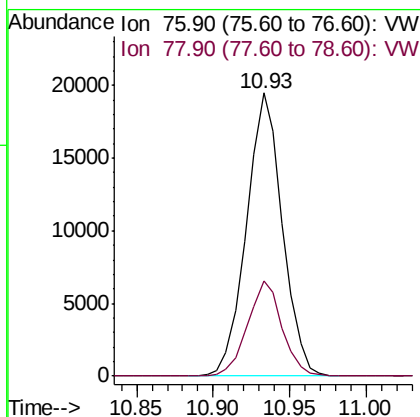
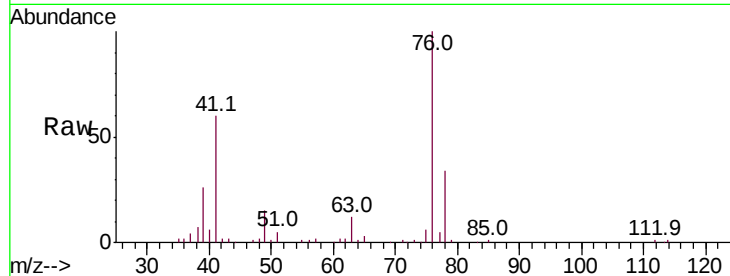




#57
 1,3-Dichloropropane
 Concen: 57.190 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

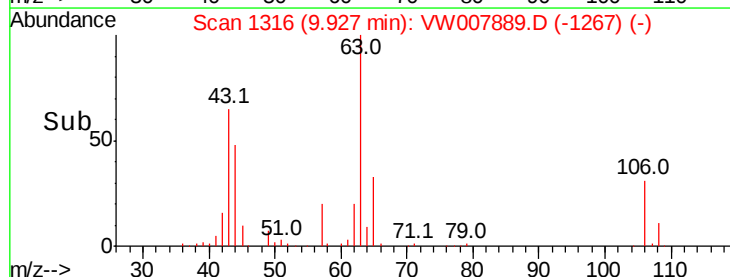
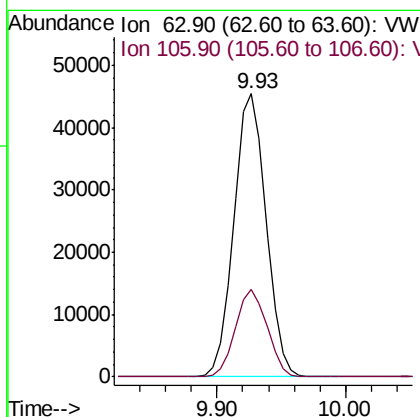
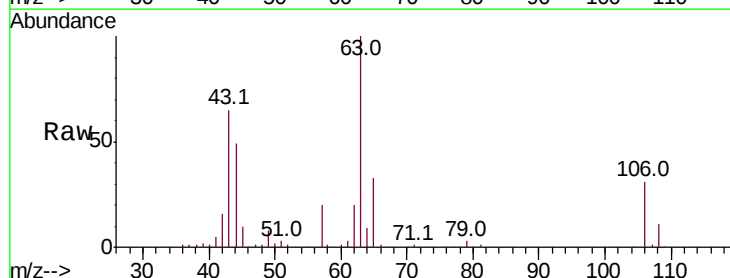
Instrument :
 MSVOA_W
 ClientSampleId :

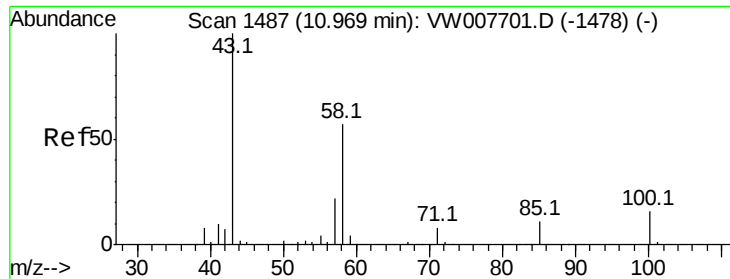
Tot Ion: 76 Resp: 31679
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 438.017 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Tgt Ion: 63 Resp: 78820
 Ion Ratio Lower Upper
 63 100
 106 30.4 25.9 38.9





#59

2-Hexanone

Concen: 342.989 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

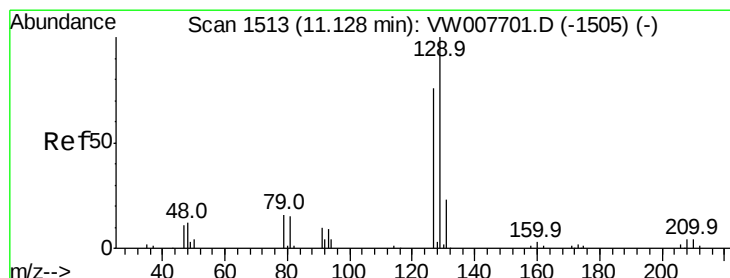
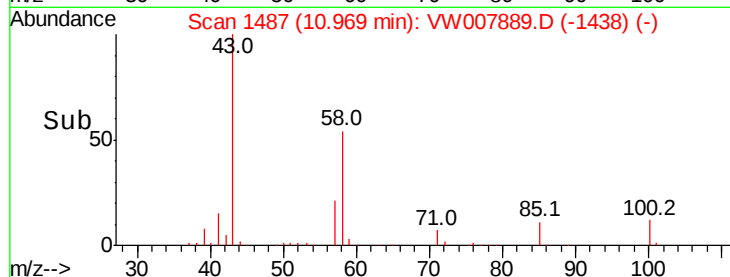
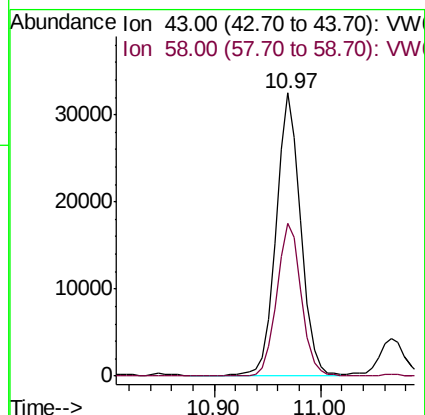
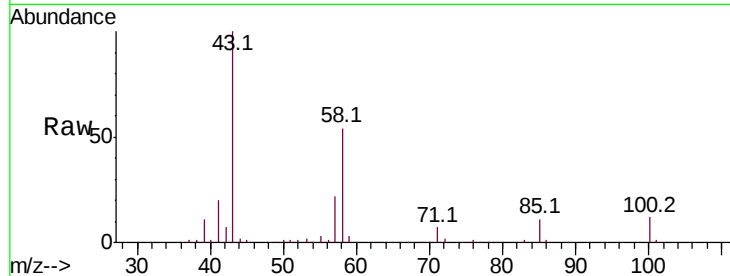
ClientSampleId :

Tot Ion: 43 Resp: 52326

Ion Ratio Lower Upper

43 100

58 53.4 27.7 83.1



#60

Dibromochloromethane

Concen: 41.159 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007889.D

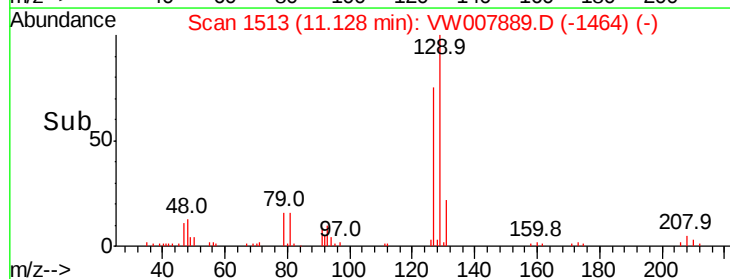
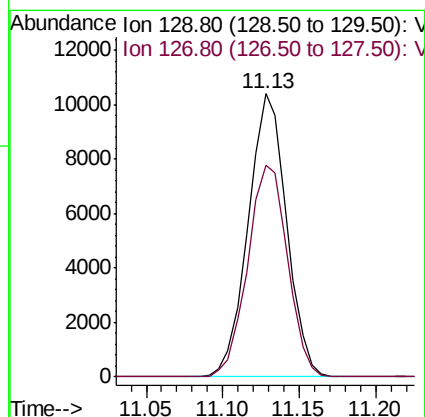
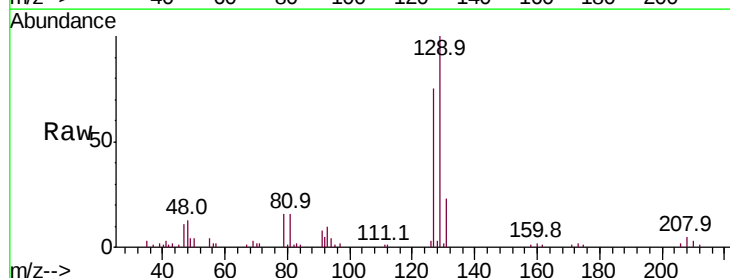
Acq: 24 Dec 2018 15:25

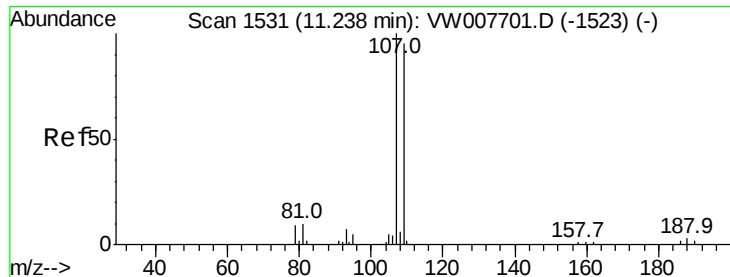
Tgt Ion:129 Resp: 18179

Ion Ratio Lower Upper

129 100

127 77.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 46.959 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

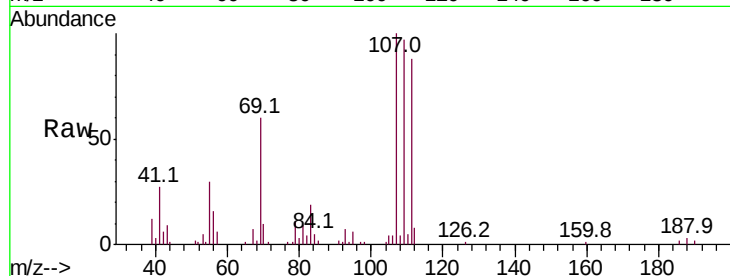
ClientSampleId :

Tot Ion:107 Resp: 15863

Ion Ratio Lower Upper

107 100

109 97.2 75.4 113.0

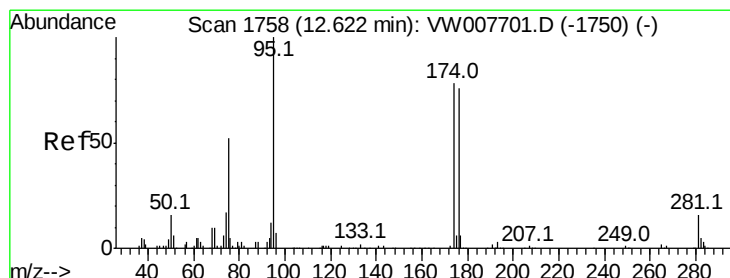
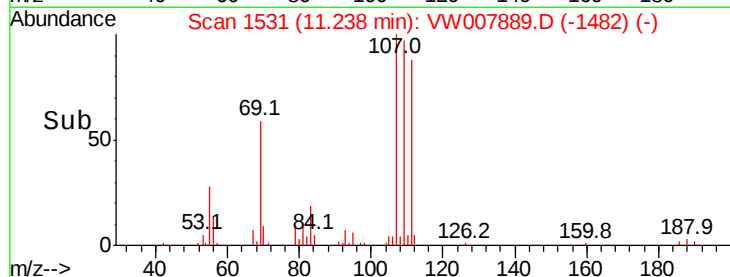


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 20.474 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

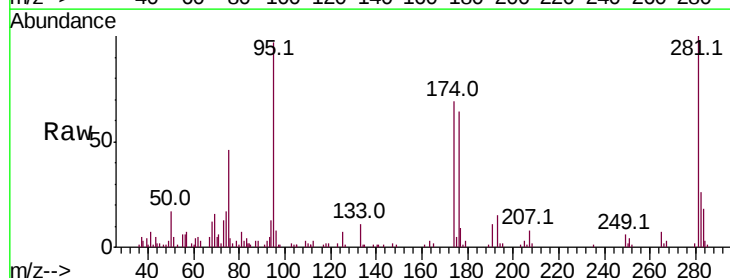
Tgt Ion: 95 Resp: 12512

Ion Ratio Lower Upper

95 100

174 69.9 0.0 152.2

176 65.5 0.0 146.8



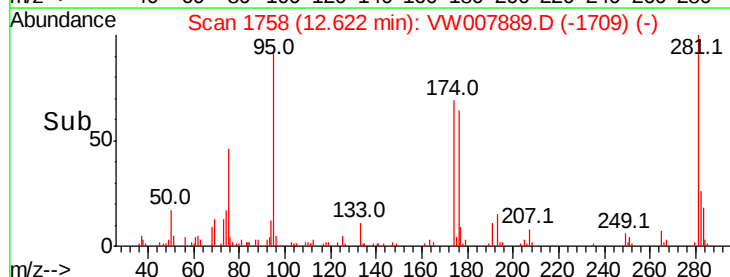
Abundance Ion 94.90 (94.60 to 95.60): VW

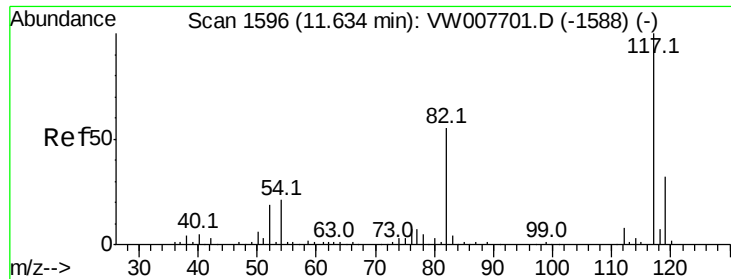
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

Time--> 12.55 12.60 12.65

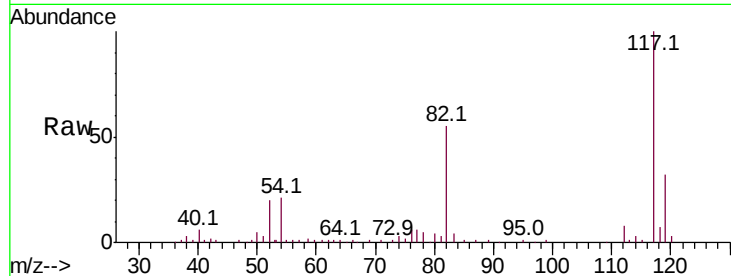




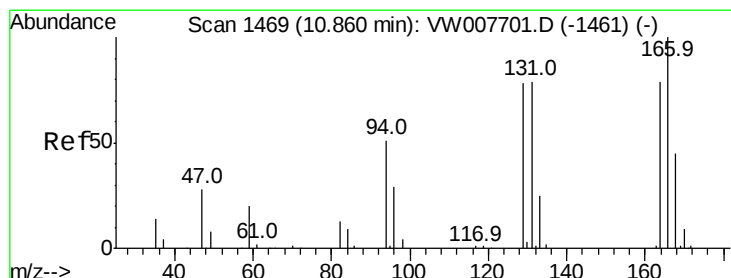
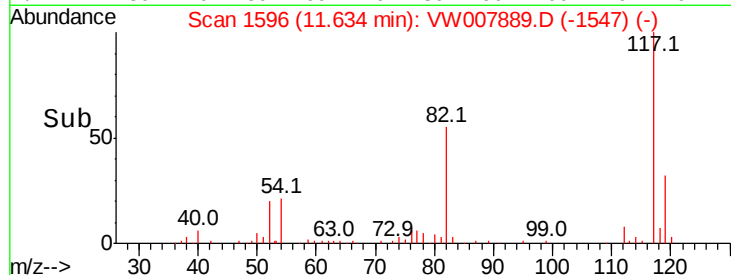
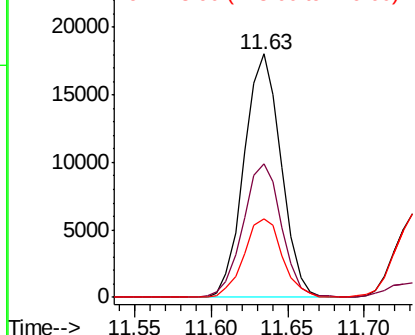
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 30232
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.4 25.7 38.5

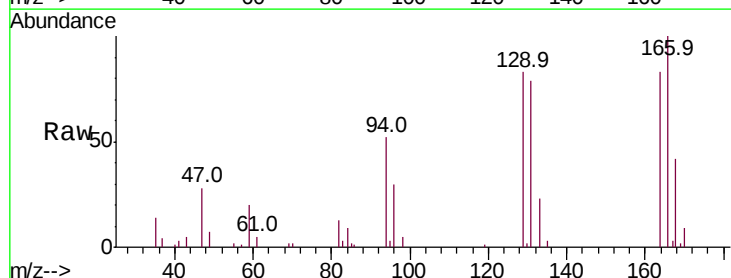


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

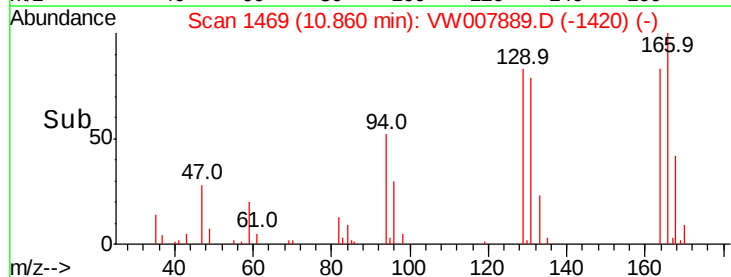
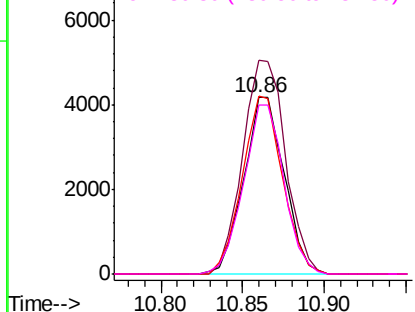


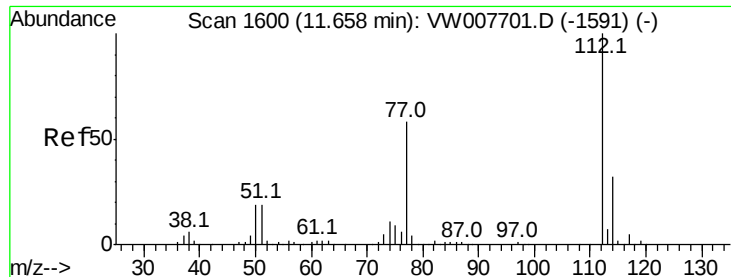
#64
Tetrachloroethene
Concen: 33.688 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion:164 Resp: 7212
Ion Ratio Lower Upper
164 100
166 121.0 101.0 151.6
129 100.5 78.7 118.1
131 95.4 79.4 119.0



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

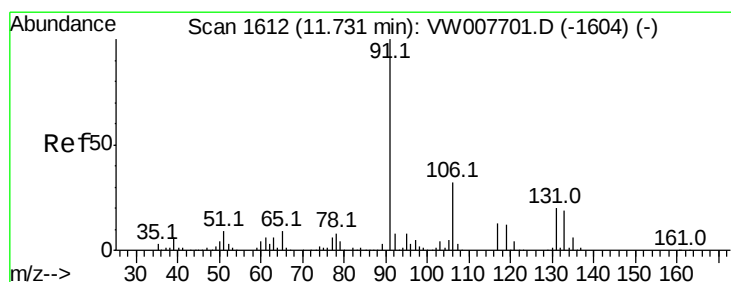
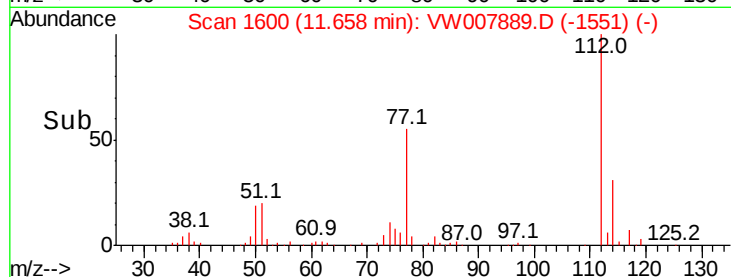
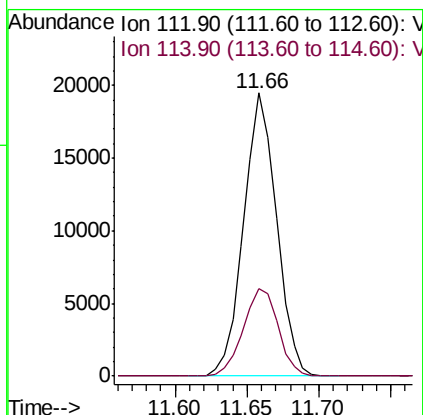
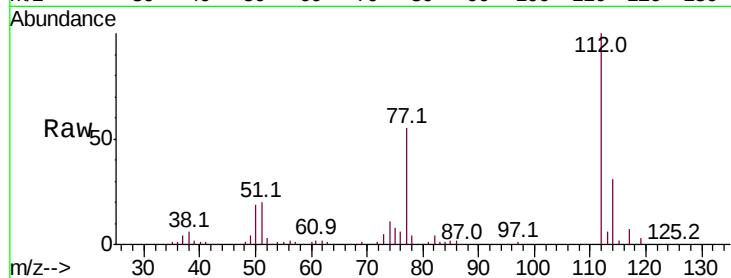




#65
Chlorobenzene
Concen: 47.146 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

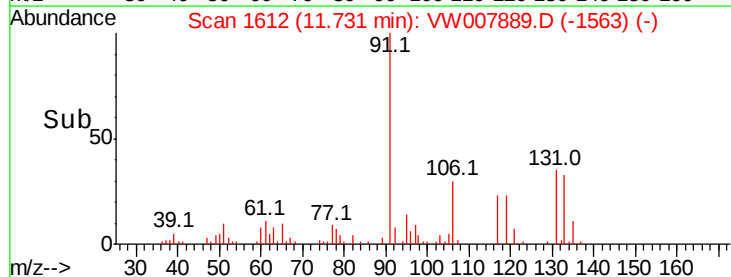
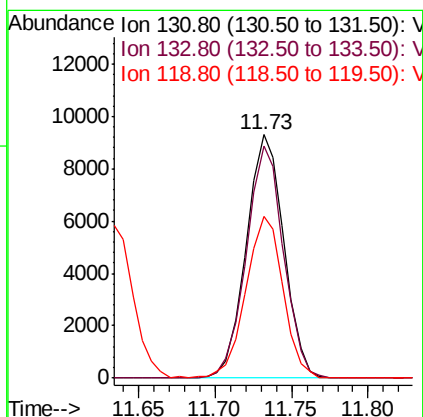
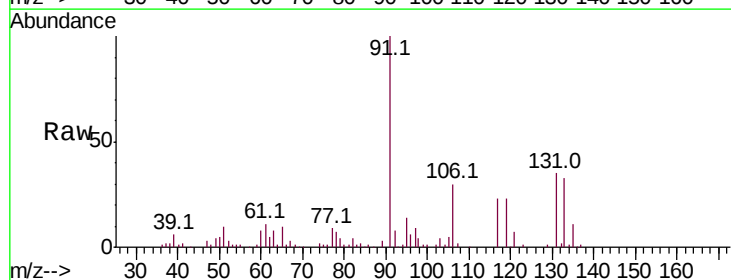
Instrument :
MSVOA_W
ClientSampleId :

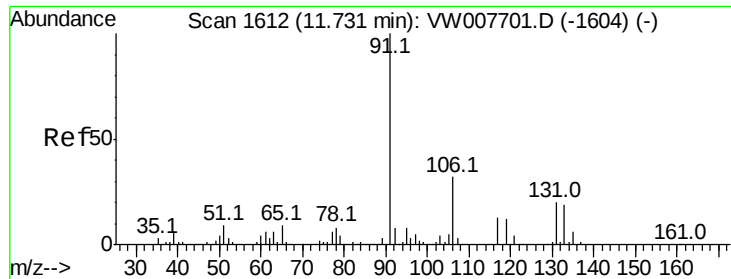
Tot Ion:112 Resp: 30850
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 67.799 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion:131 Resp: 15852
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 65.8 30.2 90.6

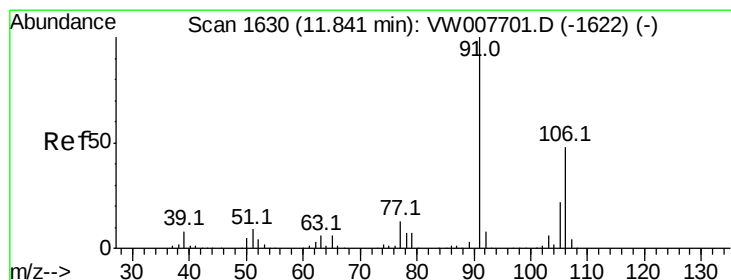
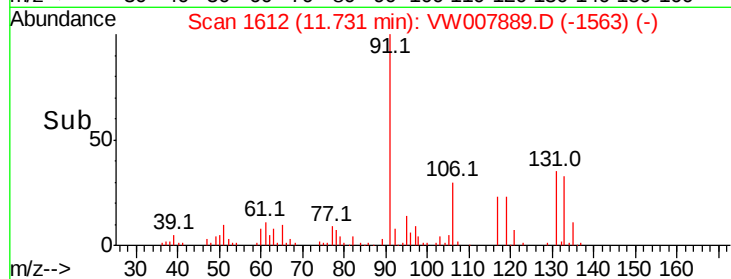
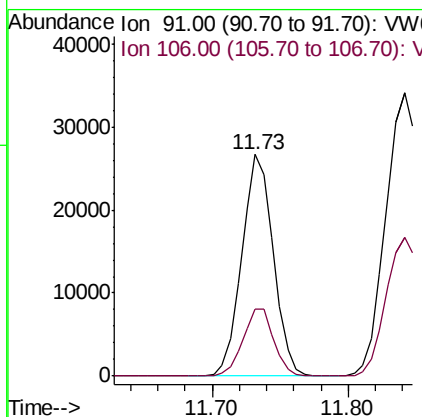
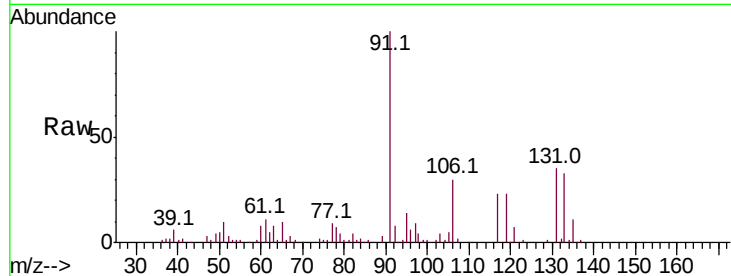




#67
Ethyl Benzene
Concen: 38.465 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

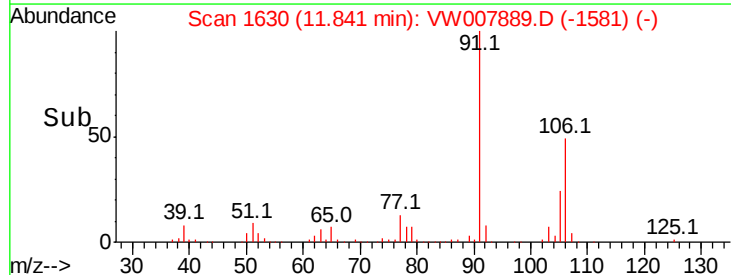
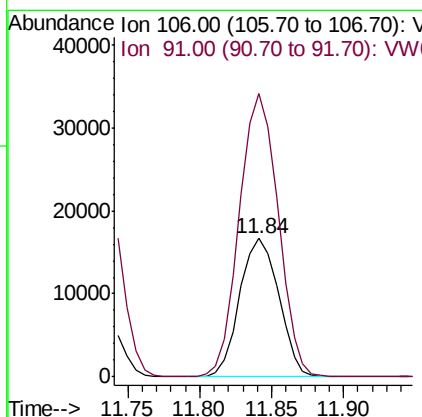
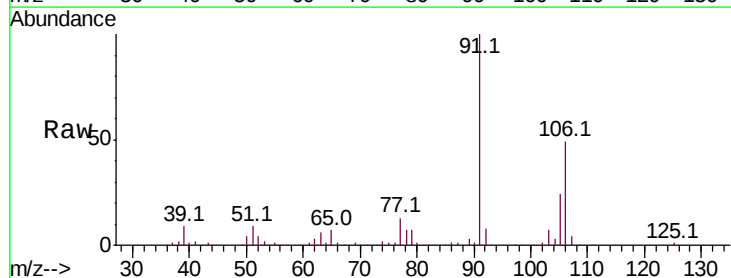
Instrument :
MSVOA_W
ClientSampleId :

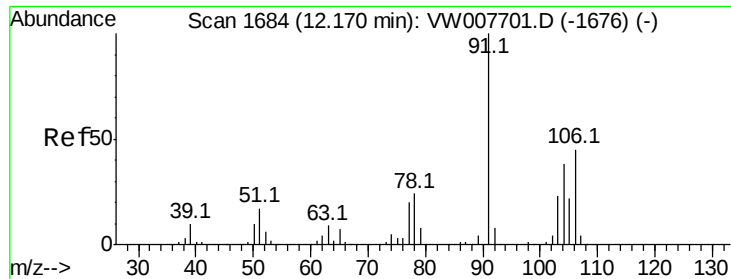
Tot Ion: 91 Resp: 43191
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8



#68
m/p-Xylenes
Concen: 72.357 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion: 106 Resp: 31517
Ion Ratio Lower Upper
106 100
91 203.7 165.2 247.8

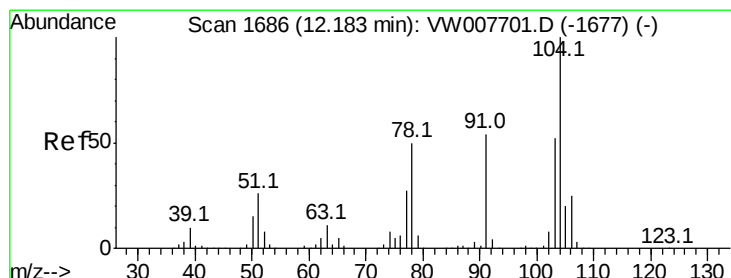
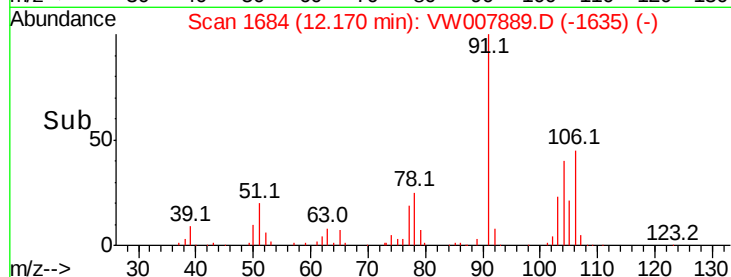
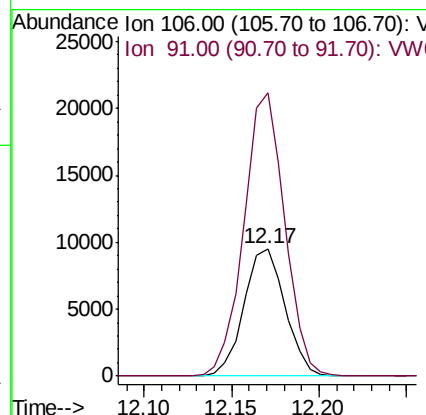
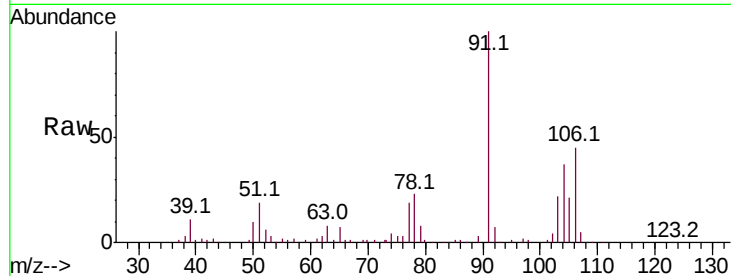




#69
o-Xylene
Concen: 38.097 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

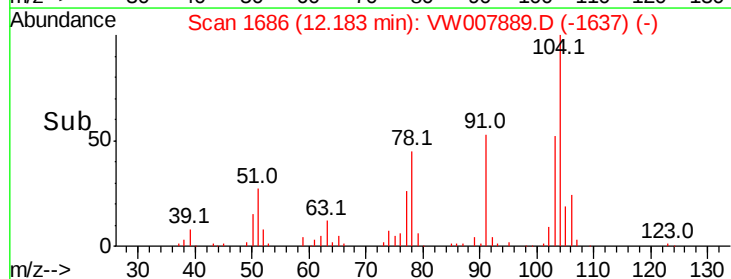
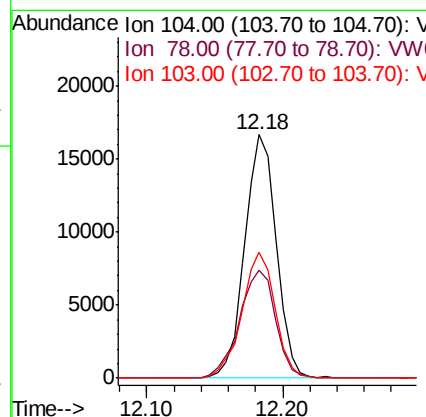
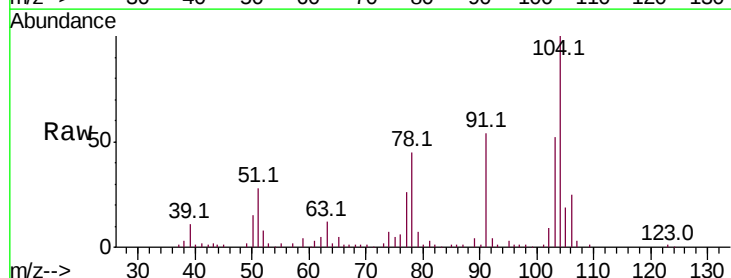
Instrument :
MSVOA_W
ClientSampleId :

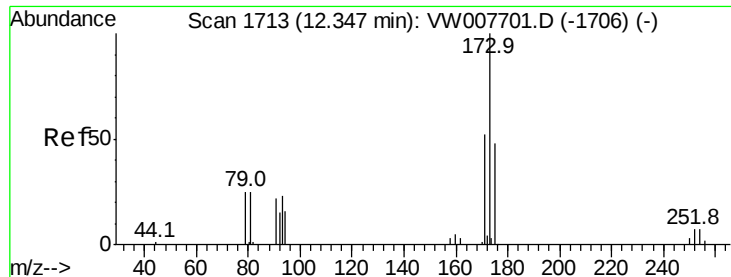
Tot Ion:106 Resp: 15555
Ion Ratio Lower Upper
106 100
91 220.9 110.5 331.4



#70
Styrene
Concen: 40.317 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion:104 Resp: 27059
Ion Ratio Lower Upper
104 100
78 50.6 43.4 65.0
103 54.3 44.5 66.7





#71

Bromoform

Concen: 65.614 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampleId :

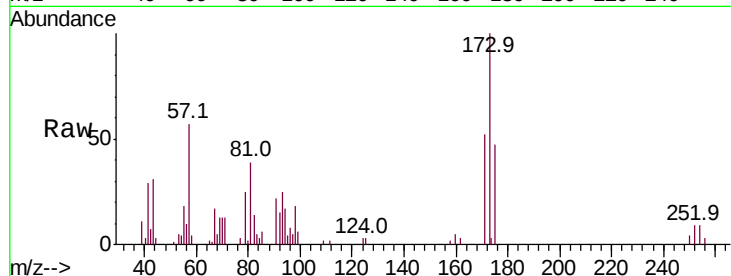
Tot Ion:173 Resp: 7964

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

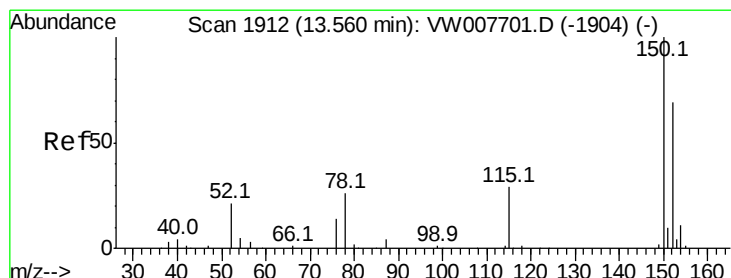
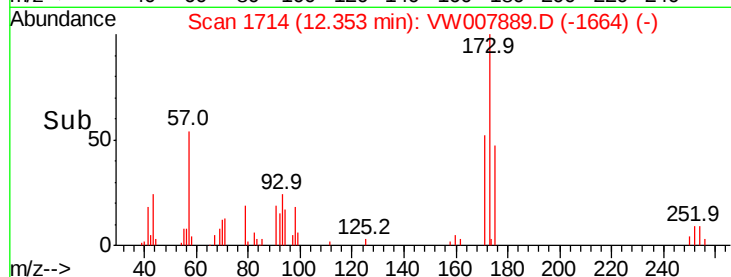
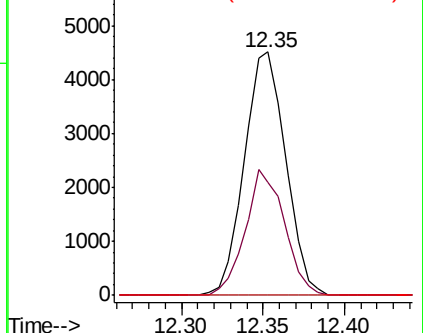
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

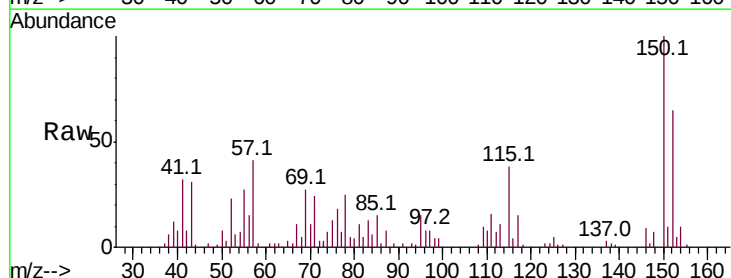
Tgt Ion:152 Resp: 7009

Ion Ratio Lower Upper

152 100

115 59.0 31.8 95.4

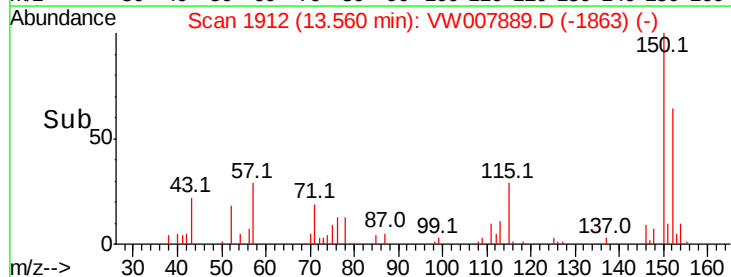
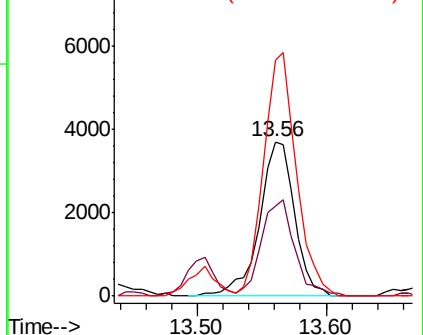
150 146.0 0.0 350.8

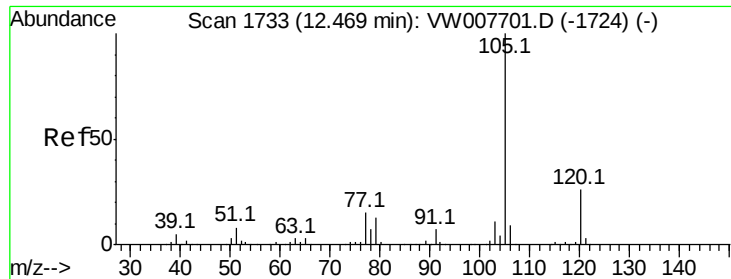


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

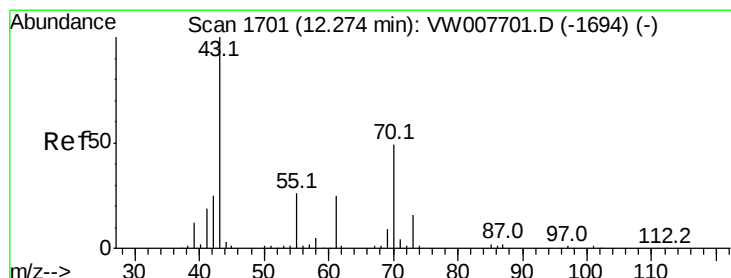
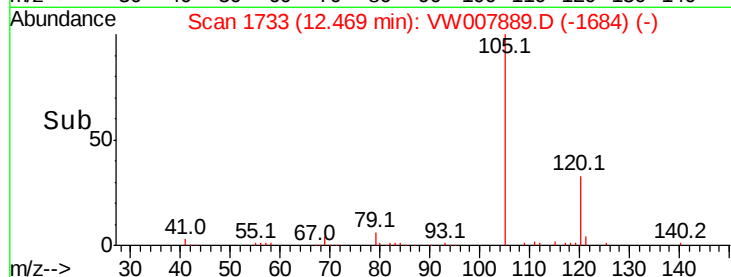
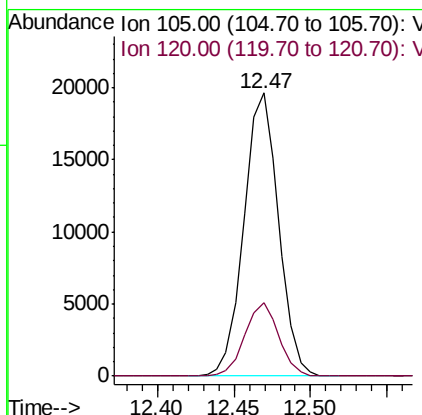
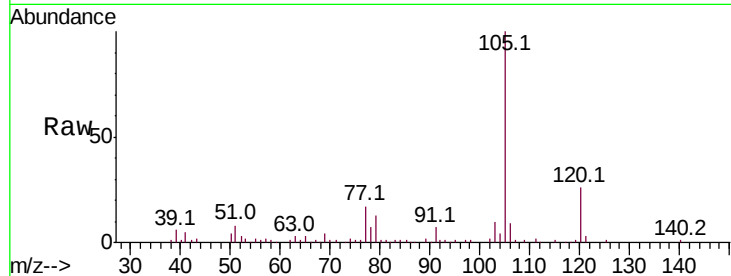




#73
Isopropylbenzene
Concen: 58.250 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

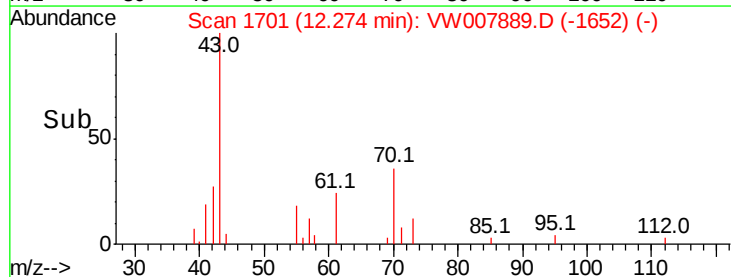
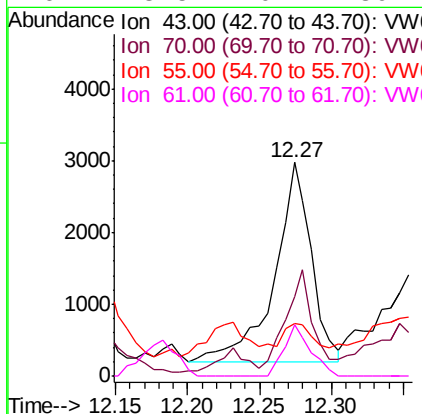
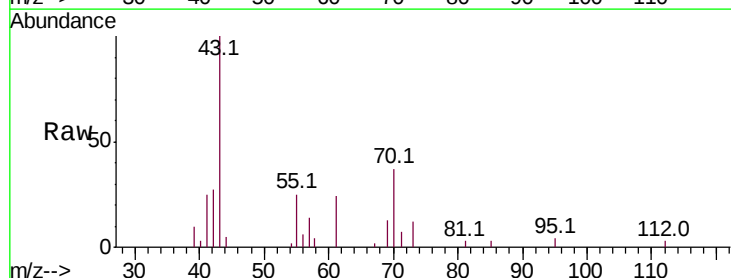
Instrument :
MSVOA_W
ClientSampleId :

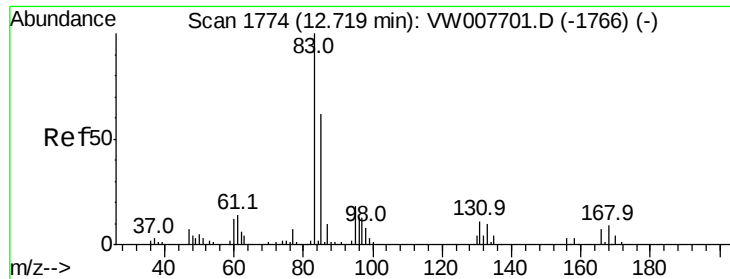
Tot Ion:105 Resp: 30861
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.3



#74
N-ethyl acetate
Concen: 54.136 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion: 43 Resp: 4968
Ion Ratio Lower Upper
43 100
70 35.6 37.6 56.4#
55 12.5 21.7 32.5#
61 18.5 20.1 30.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 200.616 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampleId :

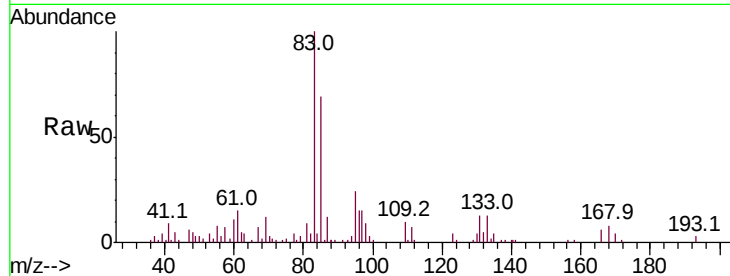
Tot Ion: 83 Resp: 15936

Ion Ratio Lower Upper

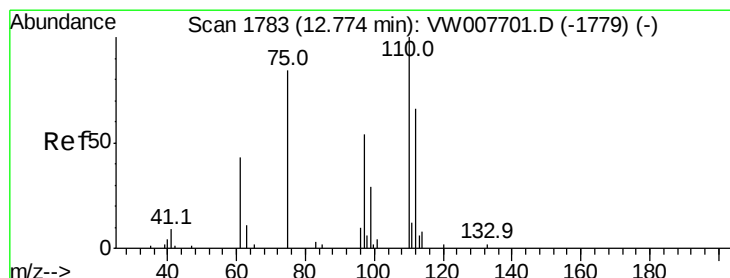
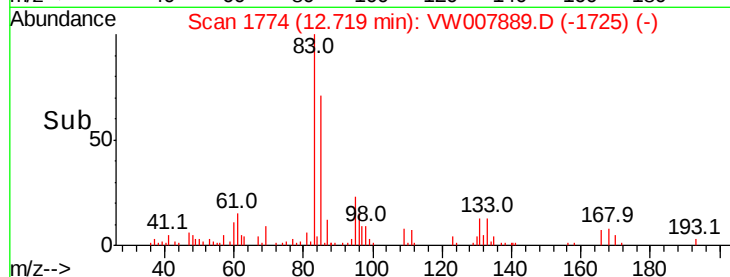
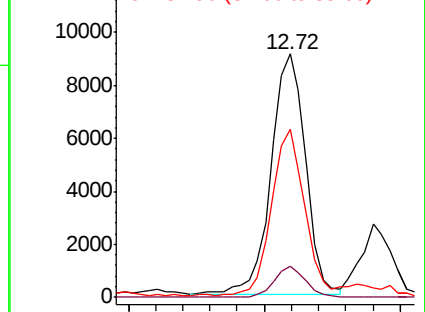
83 100

131 11.6 6.3 18.8

85 67.9 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 390.970 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007889.D

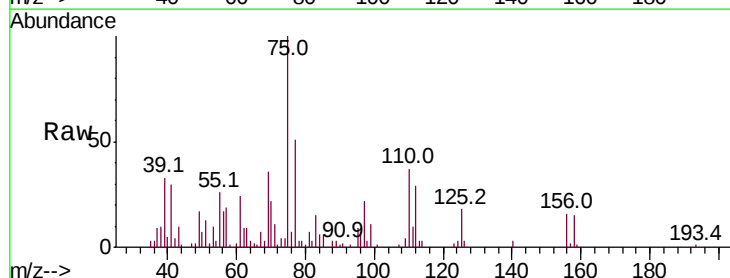
Acq: 24 Dec 2018 15:25

Tgt Ion: 75 Resp: 21180

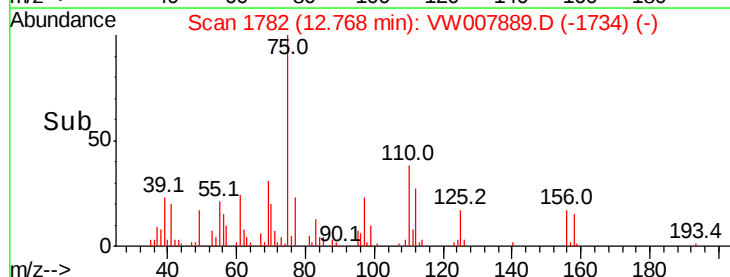
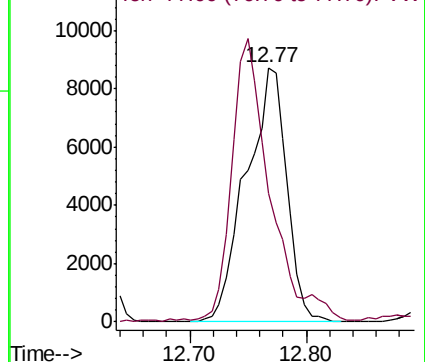
Ion Ratio Lower Upper

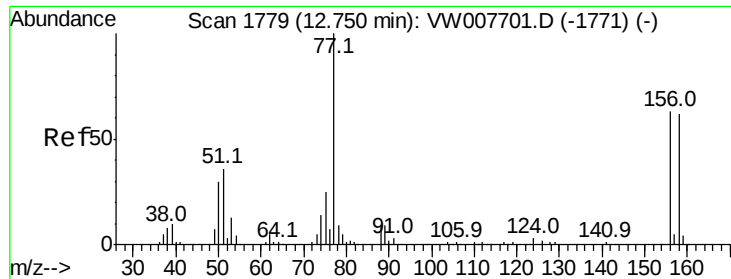
75 100

77 105.8 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: 73.490 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampleId :

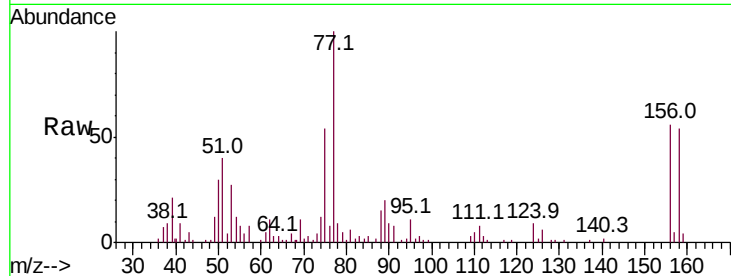
Tot Ion:156 Resp: 8923

Ion Ratio Lower Upper

156 100

77 251.1 87.4 262.1

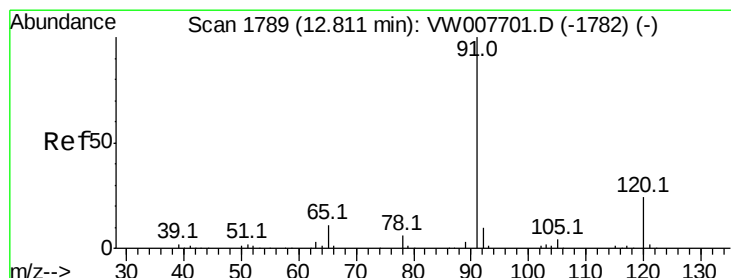
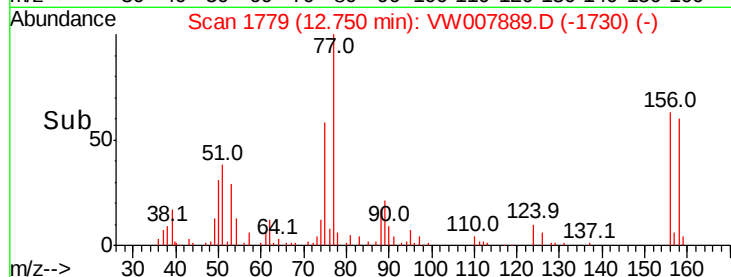
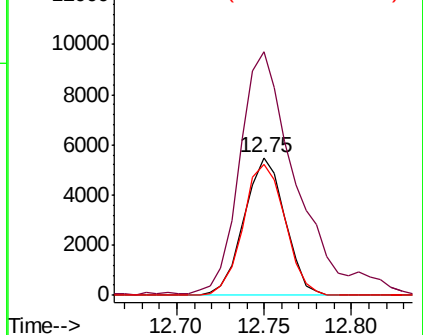
158 97.7 48.4 145.0



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: 46.694 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007889.D

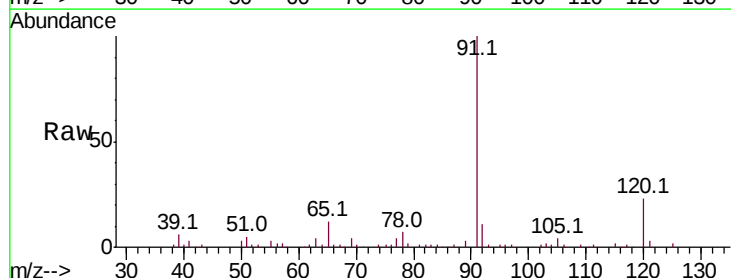
Acq: 24 Dec 2018 15:25

Tgt Ion: 91 Resp: 28797

Ion Ratio Lower Upper

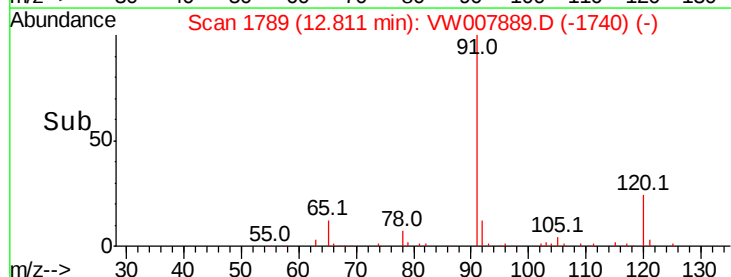
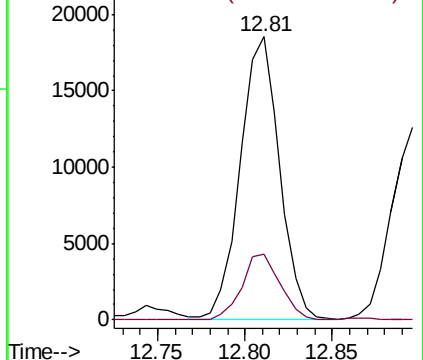
91 100

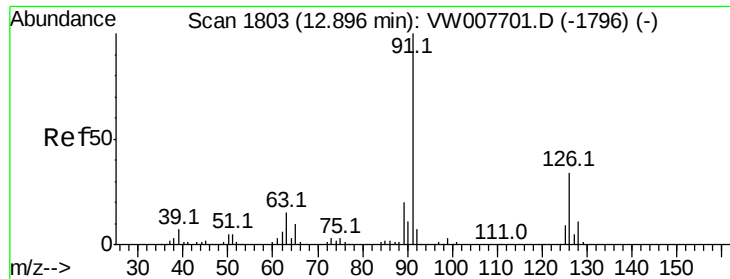
120 22.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

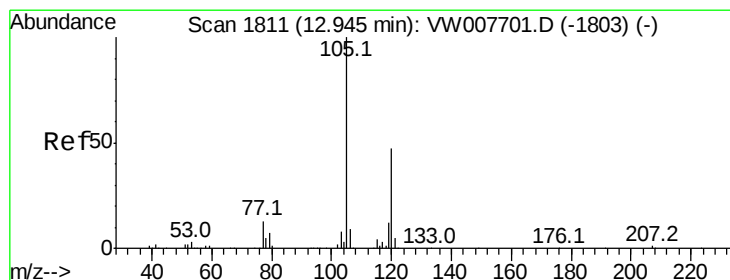
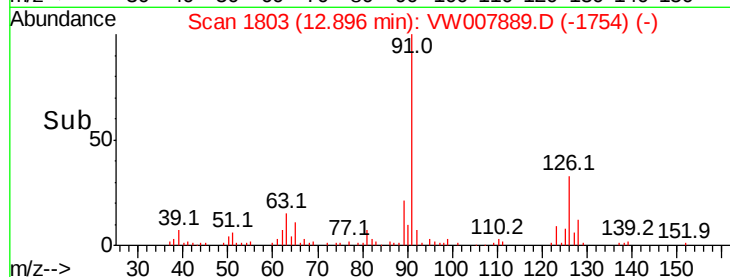
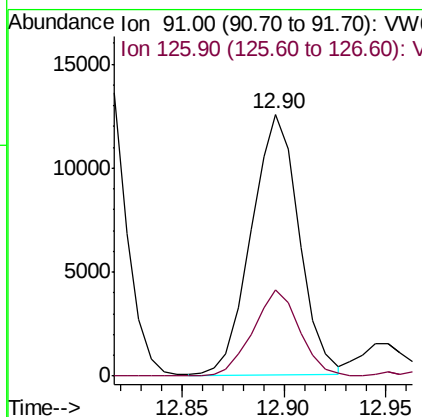
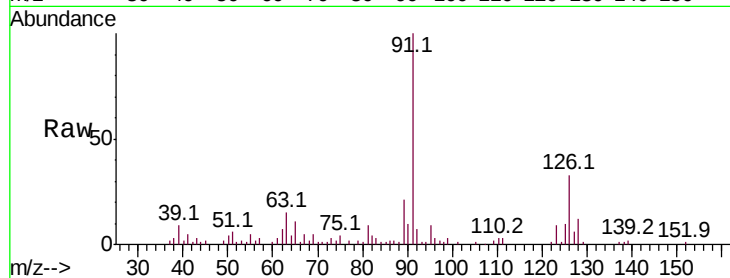




#79
2-Chlorotoluene
Concen: 56.690 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

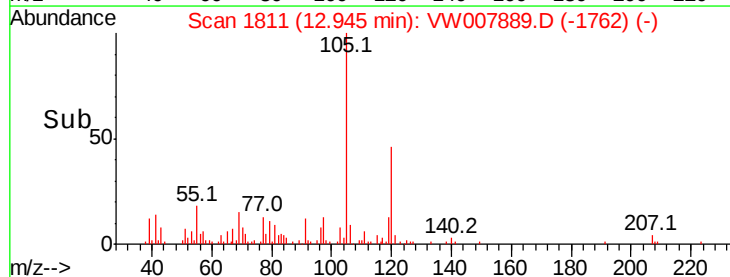
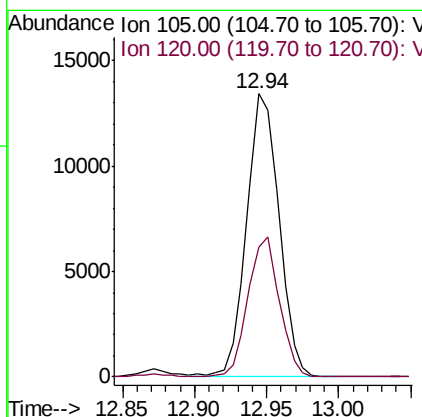
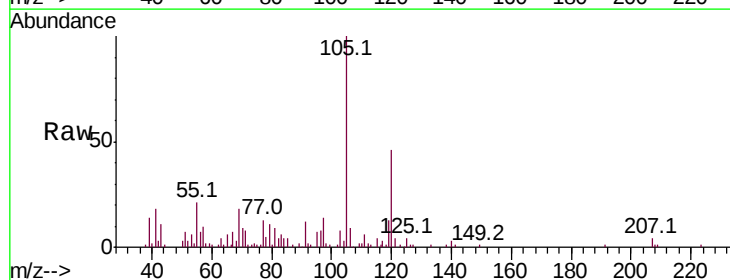
Instrument :
MSVOA_W
ClientSampled :

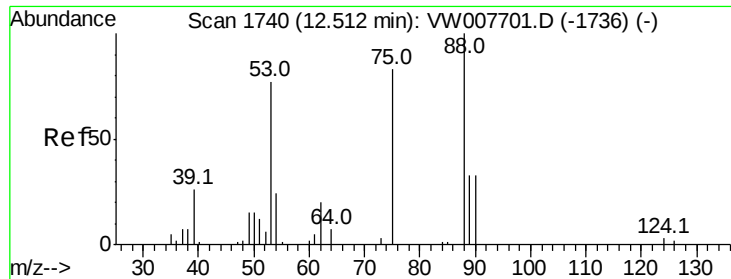
Tot Ion: 91 Resp: 20367
Ion Ratio Lower Upper
91 100
126 32.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 45.834 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion:105 Resp: 20946
Ion Ratio Lower Upper
105 100
120 47.5 23.6 70.8

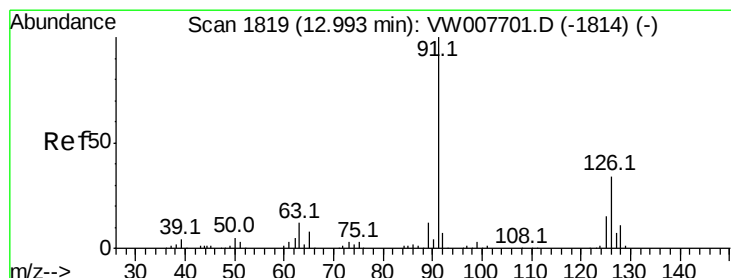
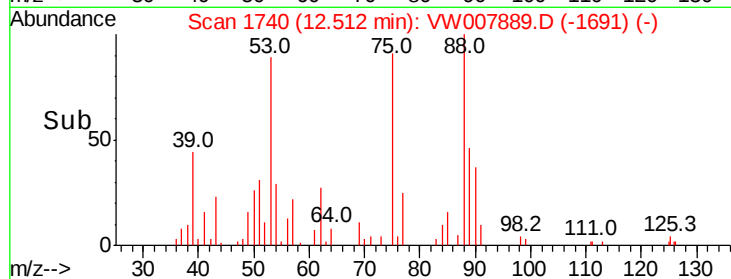
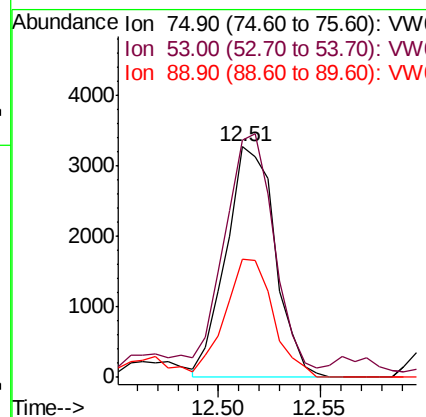
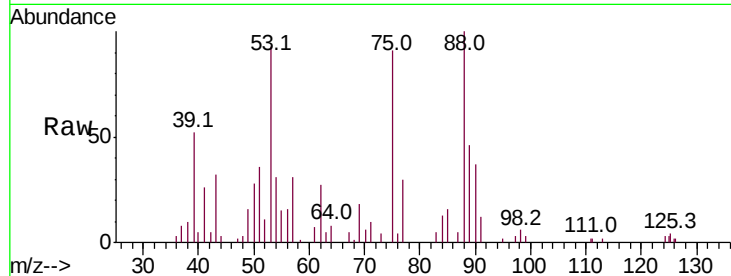




#81
trans-1,4-Dichloro-2-butene
Concen: 211.368 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

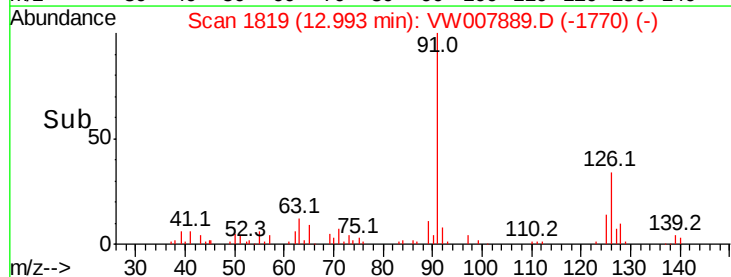
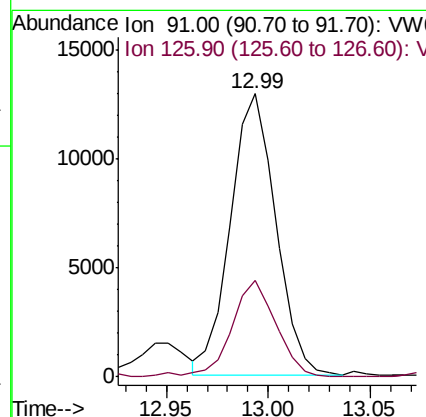
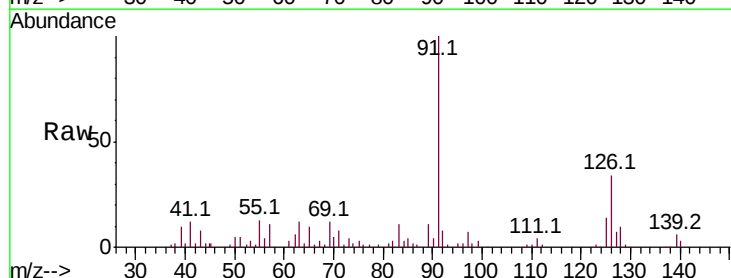
Instrument :
MSVOA_W
ClientSampleId :

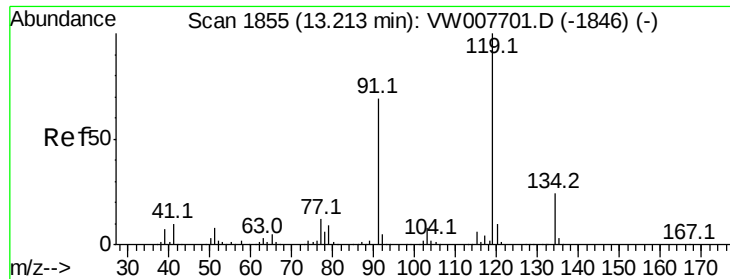
Tot Ion: 75 Resp: 5455
Ion Ratio Lower Upper
75 100
53 101.1 80.2 120.2
89 50.0 39.2 58.8



#82
4-Chlorotoluene
Concen: 51.644 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion: 91 Resp: 19756
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5

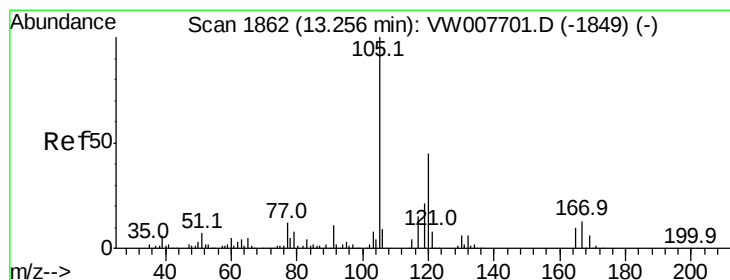
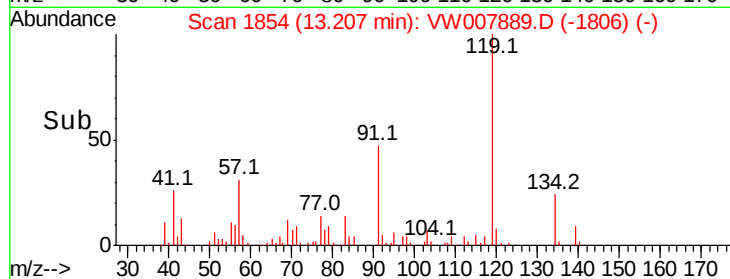
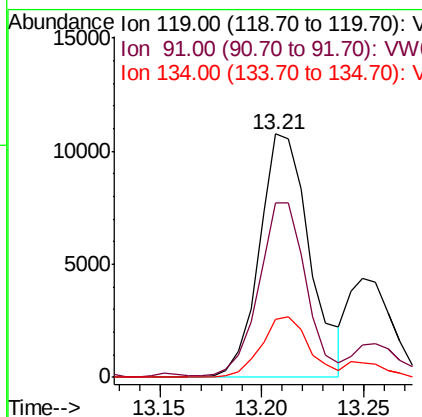
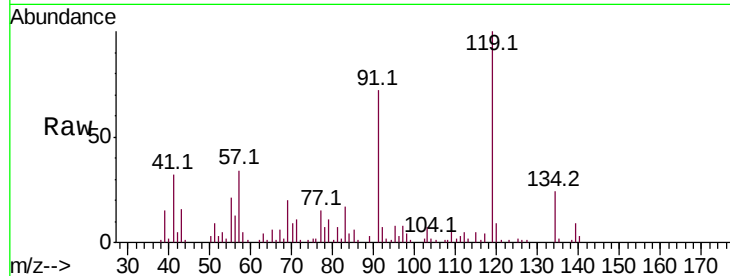




#83
 tert-Butylbenzene
 Concen: 46.202 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

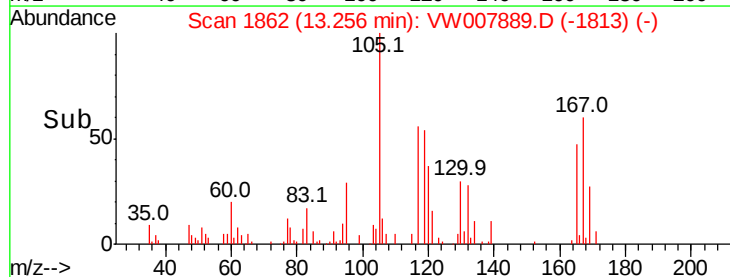
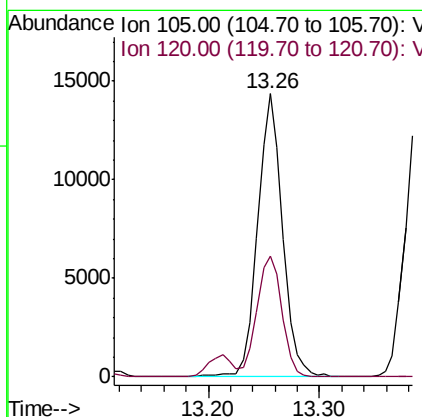
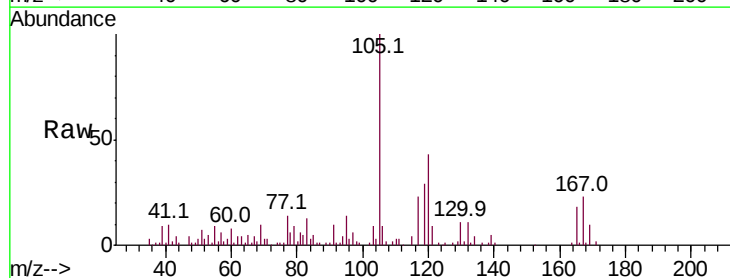
Instrument :
 MSVOA_W
 ClientSampled :

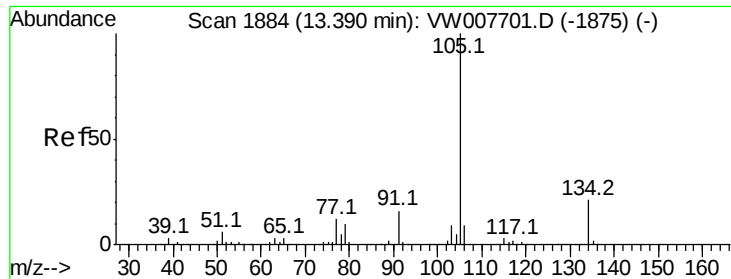
Tot Ion:119 Resp: 18526
 Ion Ratio Lower Upper
 119 100
 91 66.3 34.2 102.5
 134 23.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.609 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Tgt Ion:105 Resp: 22415
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.0 66.0

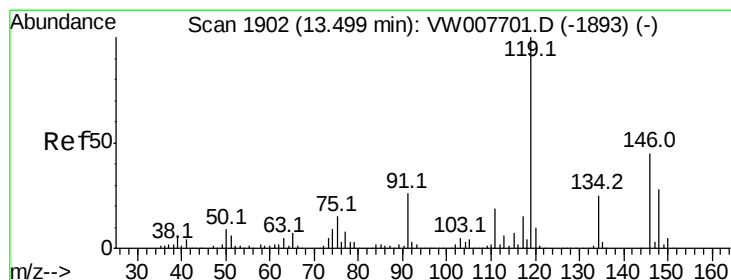
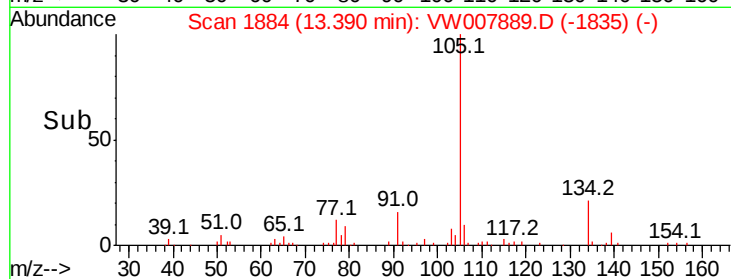
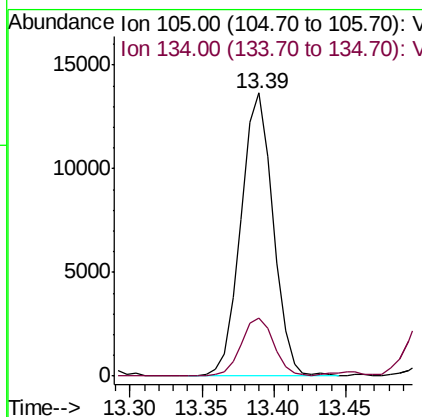
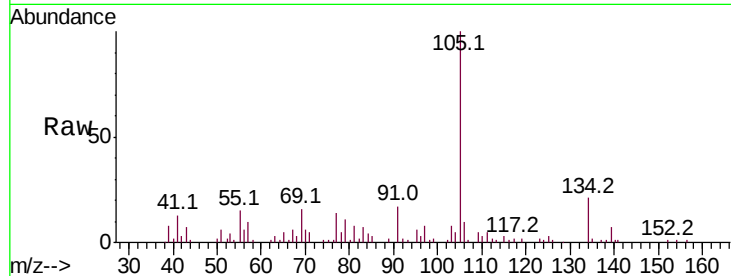




#85
 sec-Butylbenzene
 Concen: 38.325 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

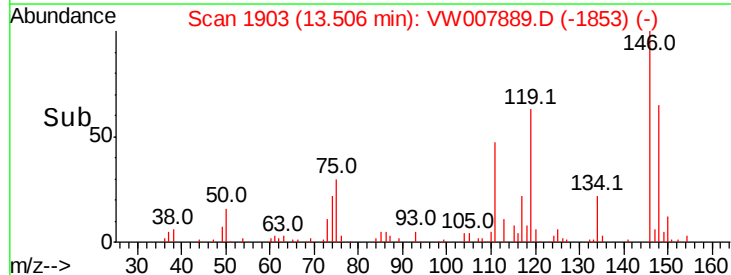
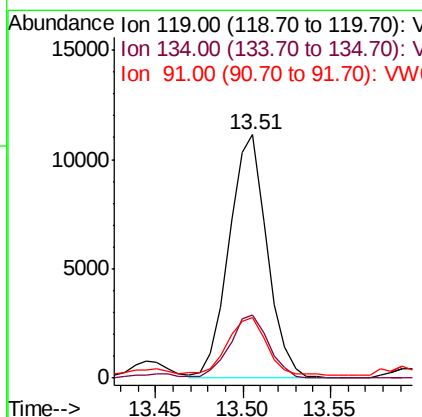
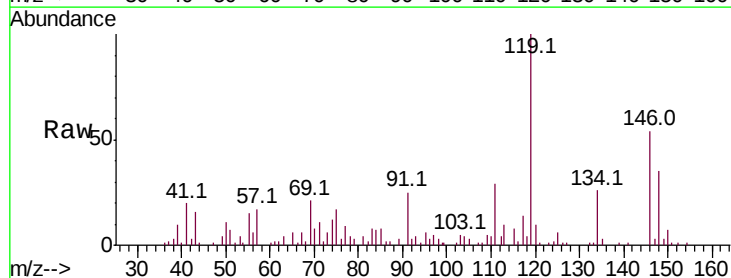
Instrument :
 MSVOA_W
 ClientSampleId :

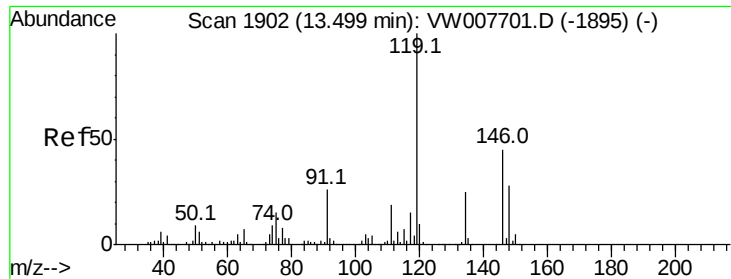
Tot Ion:105 Resp: 21179
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 33.391 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Tgt Ion:119 Resp: 16779
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 24.7 12.8 38.4

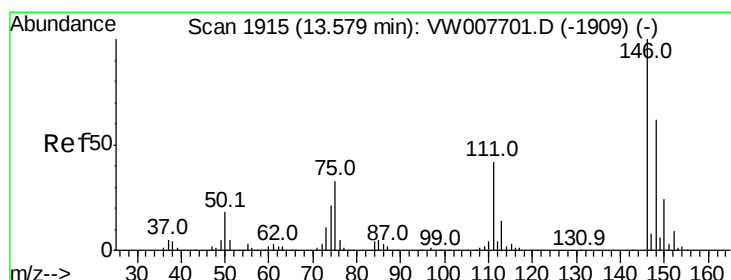
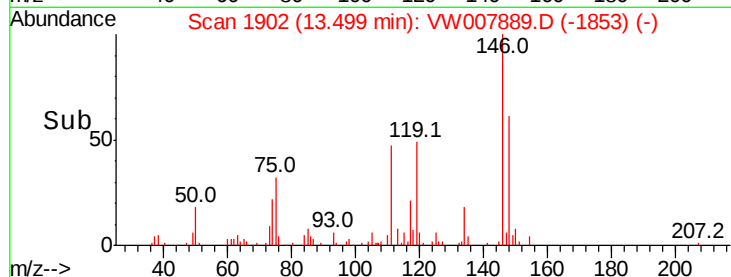
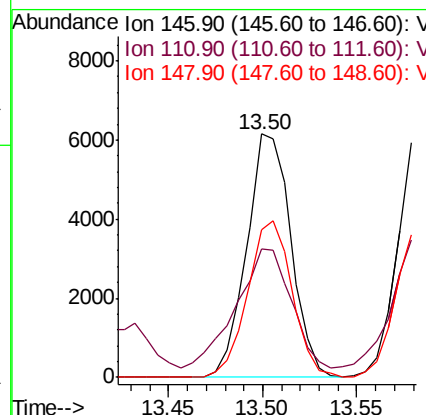
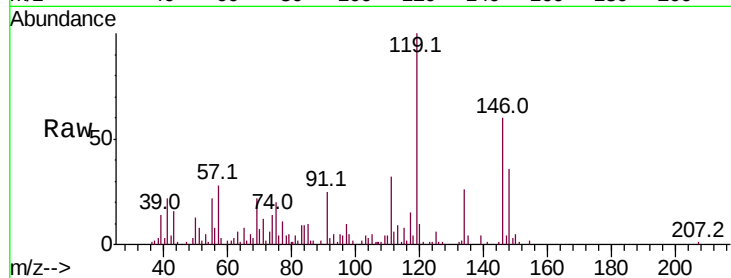




#87
 1,3-Dichlorobenzene
 Concen: 41.461 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

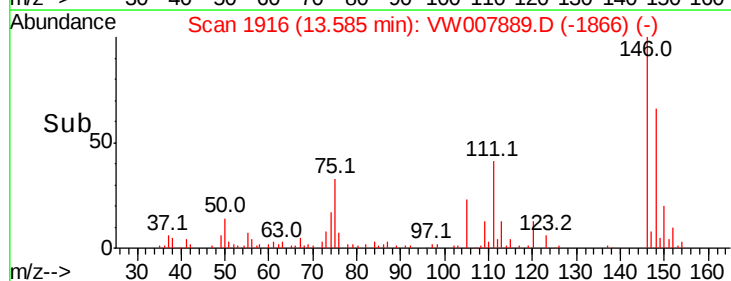
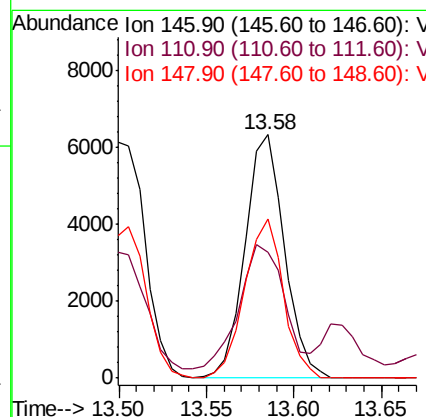
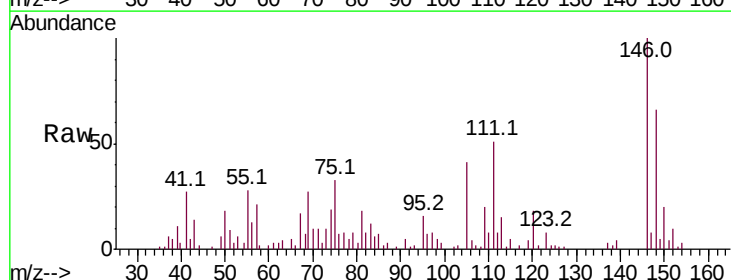
Instrument :
 MSVOA_W
 ClientSampleId :

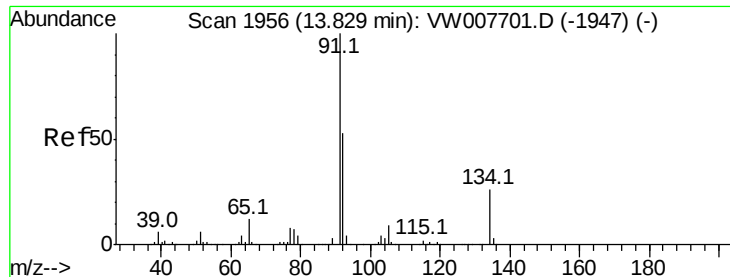
Tot Ion:146 Resp: 9995
 Ion Ratio Lower Upper
 146 100
 111 60.8 21.1 63.4
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 41.200 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007889.D
 Acq: 24 Dec 2018 15:25

Tgt Ion:146 Resp: 9935
 Ion Ratio Lower Upper
 146 100
 111 58.0 21.0 63.0
 148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 28.902 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampled :

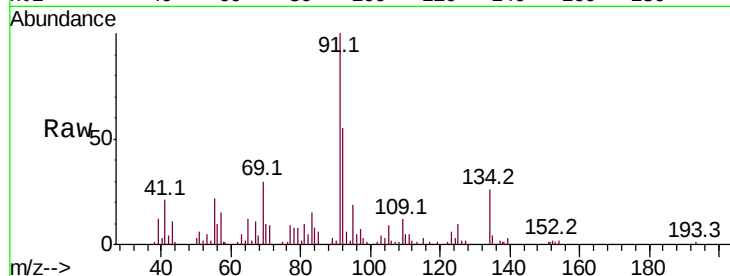
Tot Ion: 91 Resp: 13316

Ion Ratio Lower Upper

91 100

92 50.9 26.4 79.2

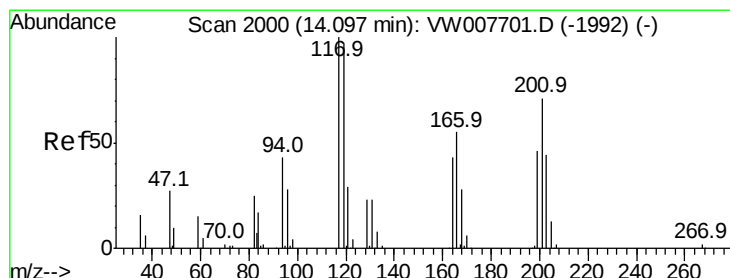
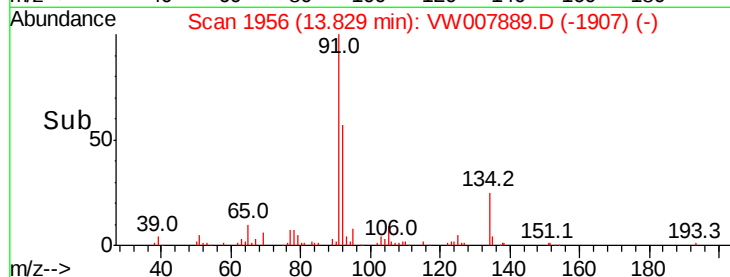
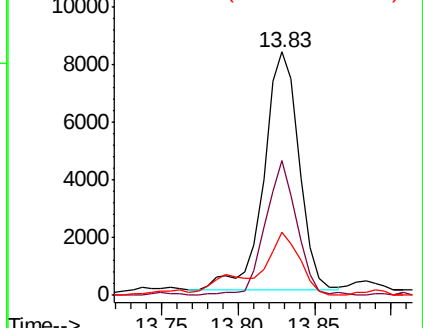
134 24.6 13.7 41.0



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: 34.913 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007889.D

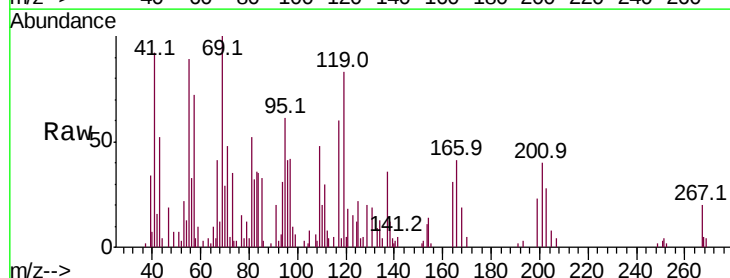
Acq: 24 Dec 2018 15:25

Tgt Ion: 117 Resp: 3080

Ion Ratio Lower Upper

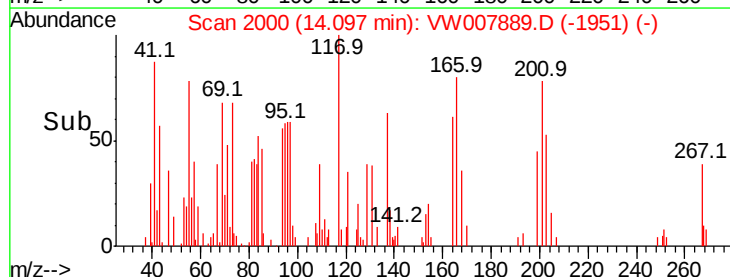
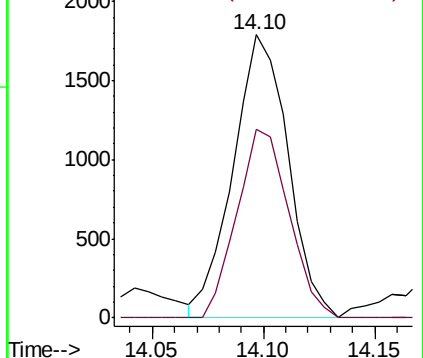
117 100

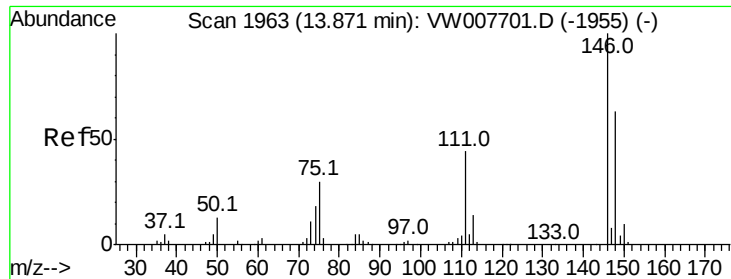
201 63.1 36.2 108.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 44.324 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampled :

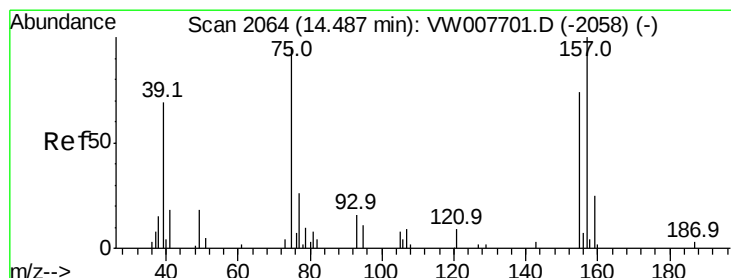
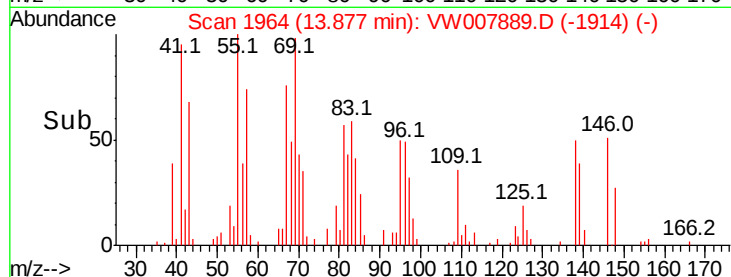
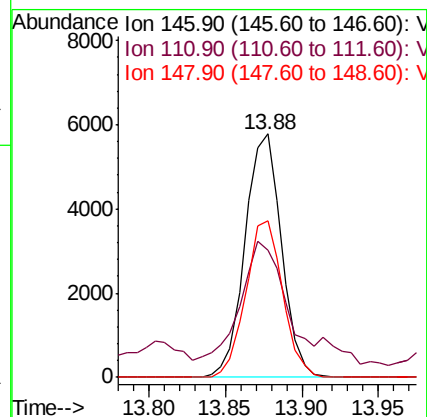
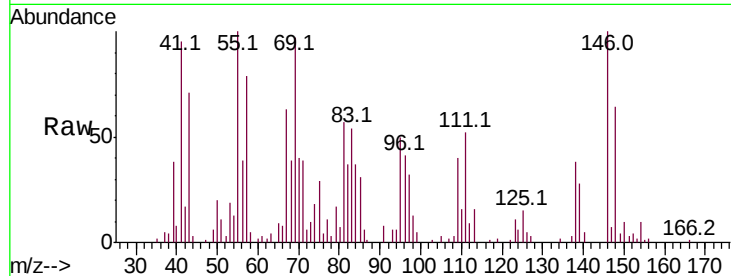
Tot Ion:146 Resp: 9567

Ion Ratio Lower Upper

146 100

111 72.0 21.7 65.1#

148 65.1 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 132.899 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

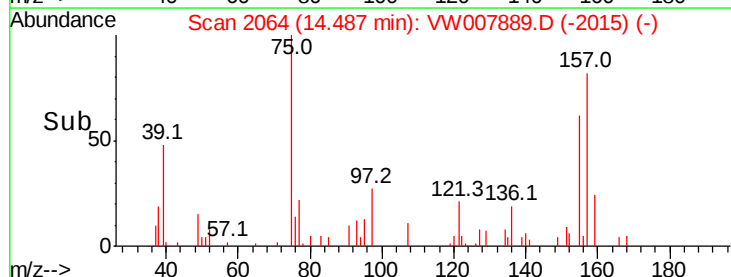
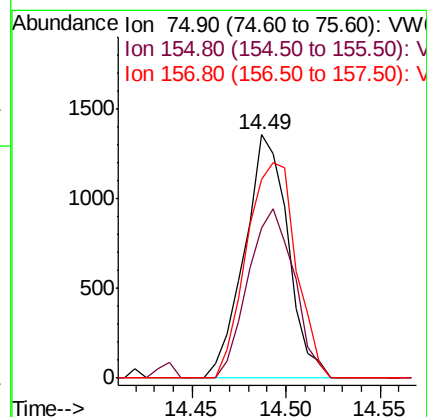
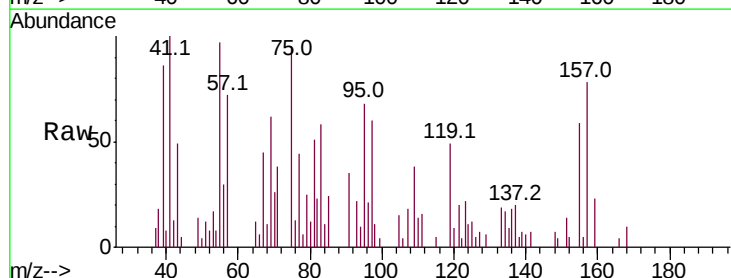
Tgt Ion: 75 Resp: 2168

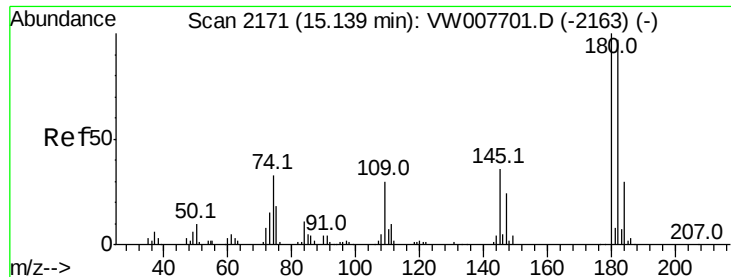
Ion Ratio Lower Upper

75 100

155 73.9 39.4 118.1

157 101.2 52.0 156.0





#93

1,2,4-Trichlorobenzene

Concen: 18.728 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

Instrument :

MSVOA_W

ClientSampleId :

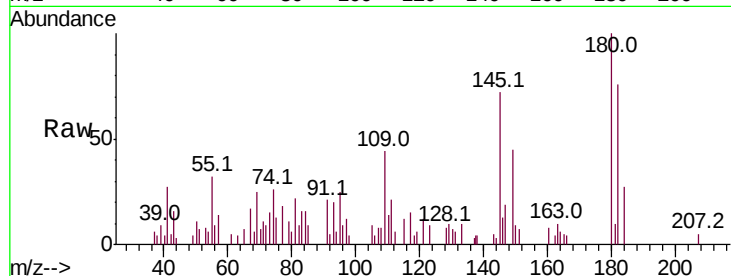
Tot Ion:180 Resp: 2806

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

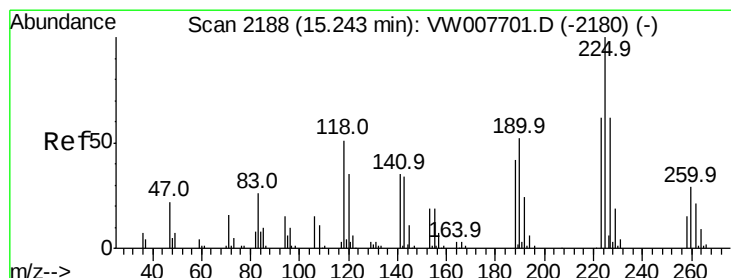
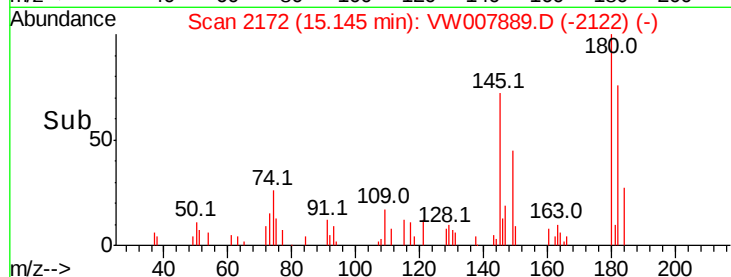
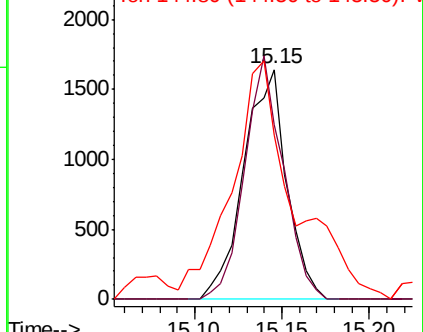
145 150.2 17.5 52.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.859 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VW007889.D

Acq: 24 Dec 2018 15:25

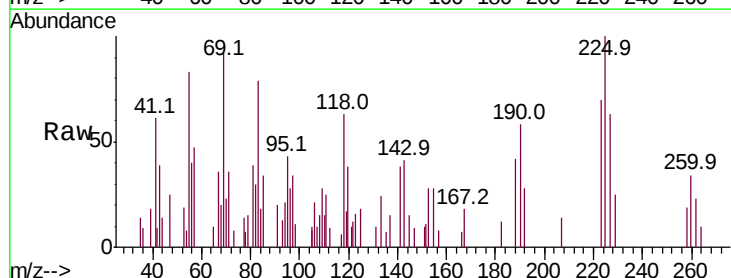
Tgt Ion:225 Resp: 1430

Ion Ratio Lower Upper

225 100

223 55.9 31.6 94.8

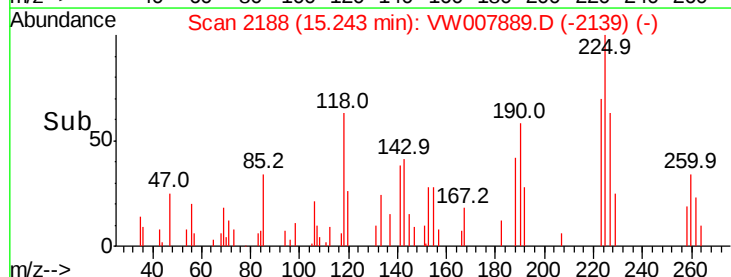
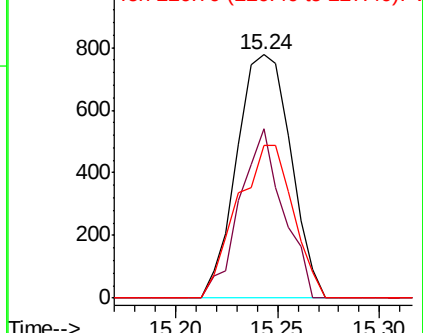
227 64.9 32.1 96.3

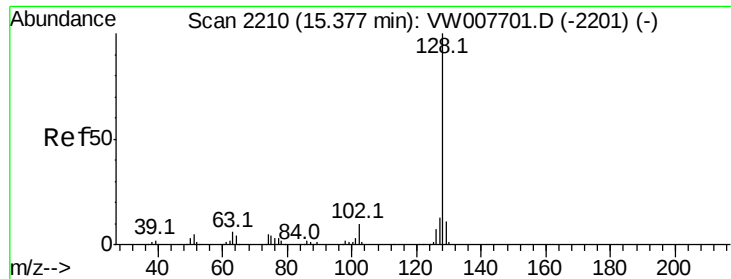


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

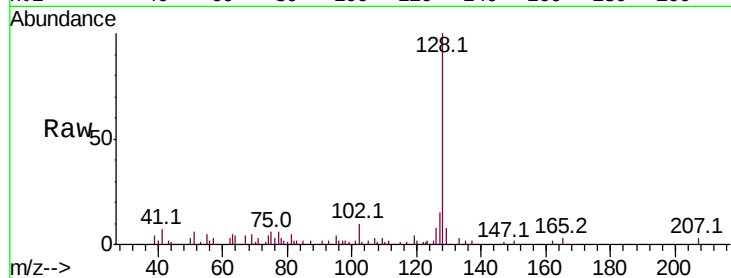




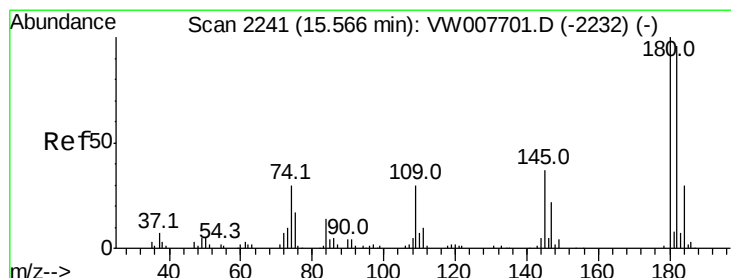
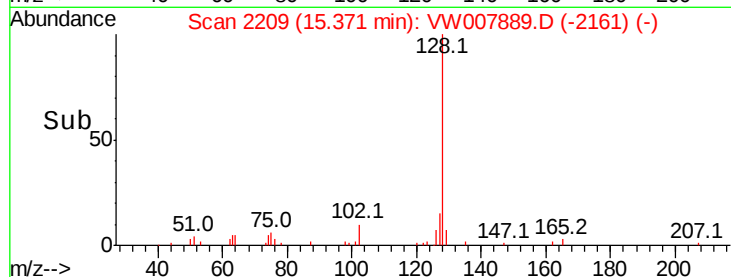
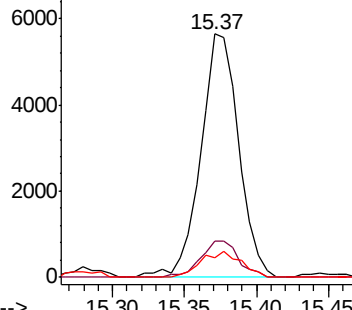
#95
Naphthalene
Concen: 36.913 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 10225
Ion Ratio Lower Upper
128 100
127 15.0 10.7 16.1
129 11.5 8.8 13.2

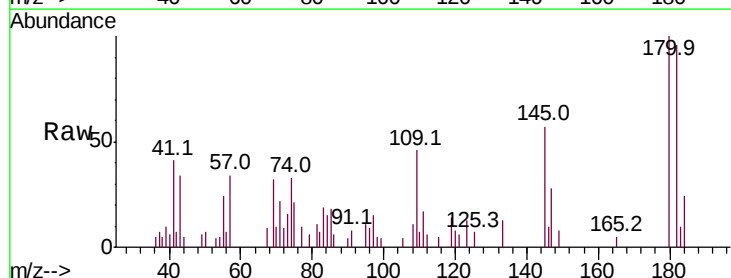


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.746 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007889.D
Acq: 24 Dec 2018 15:25

Tgt Ion:180 Resp: 2276
Ion Ratio Lower Upper
180 100
182 104.2 47.4 142.2
145 83.3 18.4 55.0#



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

