

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007885.D
 Acq On : 24 Dec 2018 13:42
 Operator : SY/AP
 Sample : VW1225SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:01:55 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	78820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	126177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57405	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	43952	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.88	113	38608	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	10.32	98	154114	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	12.62	95	58931	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15996	22.828	ug/l	94
3) Chloromethane	2.21	50	12274	28.526	ug/l	93
4) Vinyl Chloride	2.37	62	16022	29.252	ug/l	99
5) Bromomethane	2.78	94	9218	24.163	ug/l	96
6) Chloroethane	2.93	64	7787	26.575	ug/l	99
7) Trichlorofluoromethane	3.26	101	11844	20.771	ug/l	98
8) Diethyl Ether	3.67	74	8459	24.219	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17315	20.618	ug/l	96
10) Methyl Iodide	4.26	142	27634	20.691	ug/l	97
11) Tert butyl alcohol	5.18	59	7375	126.551	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	17627	22.667	ug/l	95
13) Acrolein	3.89	56	4793	102.863	ug/l	99
14) Allyl chloride	4.67	41	25407	24.914	ug/l	93
15) Acrylonitrile	5.37	53	17846	119.783	ug/l	99
16) Acetone	4.12	43	20044	123.901	ug/l	92
17) Carbon Disulfide	4.37	76	49457	20.551	ug/l	99
18) Methyl Acetate	4.67	43	9371	24.357	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	28013	25.092	ug/l	99
20) Methylene Chloride	4.91	84	23934	26.637	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	18218	21.301	ug/l	90
22) Diisopropyl ether	6.31	45	47909	25.090	ug/l	98
23) Vinyl Acetate	6.26	43	138188	121.805	ug/l	98
24) 1,1-Dichloroethane	6.21	63	32087	22.842	ug/l	99
25) 2-Butanone	7.17	43	23029	121.535	ug/l	98
26) 2,2-Dichloropropane	7.16	77	23702	23.058	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	20149	22.113	ug/l	97
28) Bromochloromethane	7.51	49	10429	21.774	ug/l	91
29) Tetrahydrofuran	7.53	42	14354	126.999	ug/l	94
30) Chloroform	7.68	83	33200	20.884	ug/l	99
31) Cyclohexane	7.96	56	31402	24.418	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	30263	20.902	ug/l	99
36) 1,1-Dichloropropene	8.08	75	27201	22.336	ug/l	98
37) Ethyl Acetate	7.25	43	10451	24.866	ug/l	99
38) Carbon Tetrachloride	8.07	117	28420	19.815	ug/l	97

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:01:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35360	23.366	ug/l	97
40) Benzene	8.32	78	72510	22.312	ug/l	96
41) Methacrylonitrile	7.48	41	5929	24.847	ug/l	96
42) 1,2-Dichloroethane	8.40	62	22836	20.968	ug/l	99
43) Isopropyl Acetate	8.43	43	20659	24.535	ug/l	96
44) Trichloroethene	9.09	130	20991	21.359	ug/l	100
45) 1,2-Dichloropropane	9.37	63	16821	23.327	ug/l	100
46) Dibromomethane	9.46	93	9383	21.138	ug/l	98
47) Bromodichloromethane	9.65	83	23882	20.466	ug/l	99
48) Methyl methacrylate	9.44	41	9913	23.585	ug/l	96
49) 1,4-Dioxane	9.45	88	3209	455.980	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	49323	123.945	ug/l	97
52) Toluene	10.39	92	48205	22.109	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	25227	21.734	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	28535	22.257	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13468	22.009	ug/l	97
56) Ethyl methacrylate	10.65	69	17089	23.636	ug/l	94
57) 1,3-Dichloropropane	10.93	76	23409	23.037	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	41428	125.500	ug/l	98
59) 2-Hexanone	10.97	43	35845	128.081	ug/l	97
60) Dibromochloromethane	11.13	129	15621	19.279	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12912	20.836	ug/l	96
64) Tetrachloroethene	10.87	164	17047	21.535	ug/l	98
65) Chlorobenzene	11.66	112	52811	21.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	18121	20.960	ug/l	97
67) Ethyl Benzene	11.73	91	95097	22.904	ug/l	96
68) m/p-Xylenes	11.84	106	73735	45.781	ug/l	99
69) o-Xylene	12.17	106	34401	22.786	ug/l	100
70) Styrene	12.18	104	56072	22.594	ug/l	99
71) Bromoform	12.35	173	8138	18.133	ug/l #	96
73) Isopropylbenzene	12.47	105	98786	22.766	ug/l	99
74) N-amyl acetate	12.27	43	19004	25.284	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	14542	22.352	ug/l	97
76) 1,2,3-Trichloropropane	12.75	75	8971	20.219	ug/l #	100
77) Bromobenzene	12.75	156	20941	21.058	ug/l	93
78) n-propylbenzene	12.81	91	114618	22.692	ug/l	100
79) 2-Chlorotoluene	12.90	91	67206	22.840	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	85142	22.748	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	4456	21.081	ug/l	95
82) 4-Chlorotoluene	12.99	91	69754	22.264	ug/l	100
83) tert-Butylbenzene	13.21	119	74504	22.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	86157	22.812	ug/l	99
85) sec-Butylbenzene	13.39	105	103388	22.843	ug/l	99
86) p-Isopropyltoluene	13.51	119	93062	22.612	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	43116	21.837	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	42734	21.637	ug/l	99
89) n-Butylbenzene	13.83	91	87560	23.204	ug/l	98
90) Hexachloroethane	14.10	117	14277	19.760	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	38490	21.773	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2827	21.159	ug/l	95

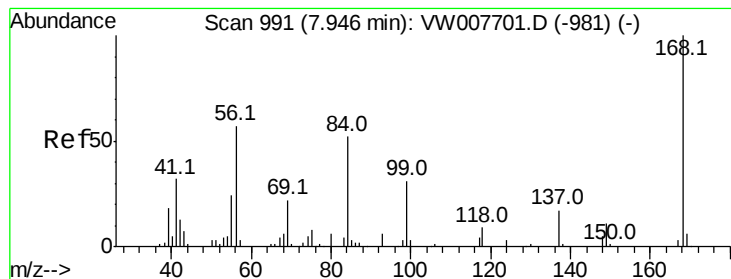
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
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ClientSampleId :

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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)
93) 1,2,4-Trichlorobenzene	15.14	180	26888	21.912	ug/l	100
94) Hexachlorobutadiene	15.24	225	14362	21.900	ug/l	98
95) Naphthalene	15.38	128	52111	22.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	23155	22.044	ug/l	99

(#) = 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: VW007885.D

Acq: 24 Dec 2018 13:42

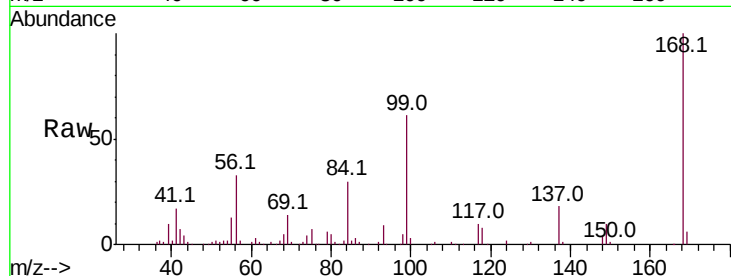
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 78820

Ion Ratio Lower Upper

168 100

99 60.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

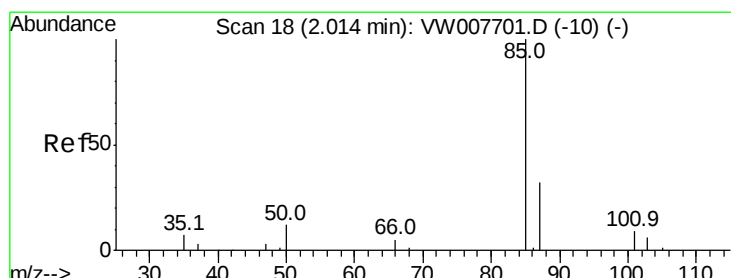
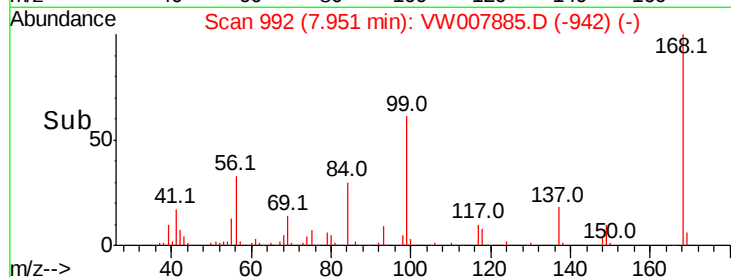
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 22.828 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007885.D

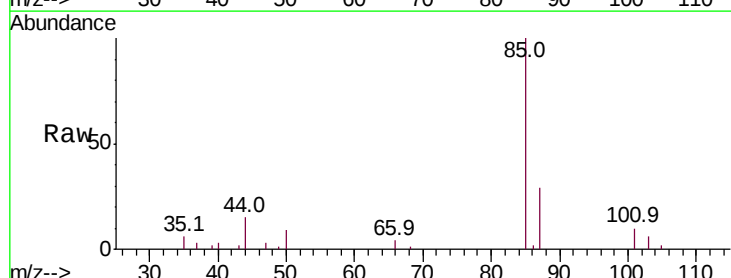
Acq: 24 Dec 2018 13:42

Tgt Ion: 85 Resp: 15996

Ion Ratio Lower Upper

85 100

87 29.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

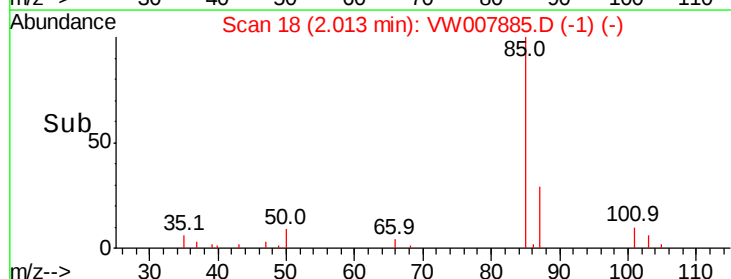
2000

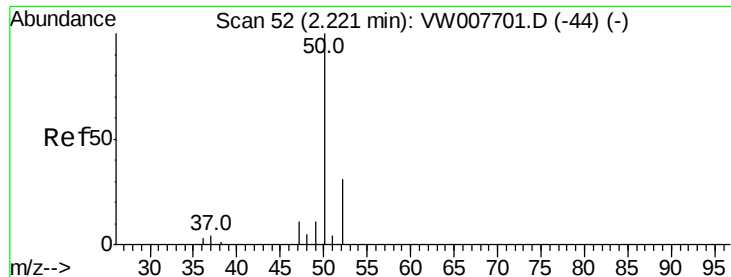
1000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 28.526 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

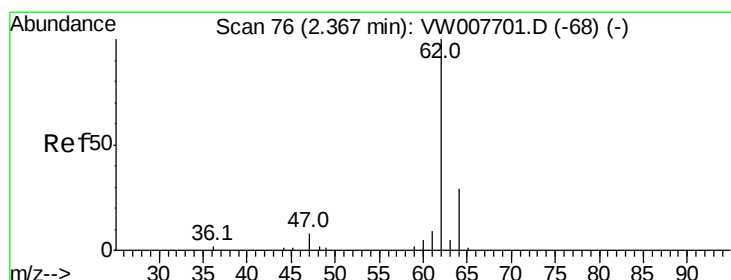
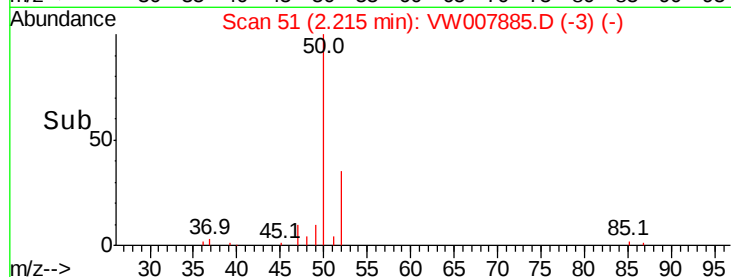
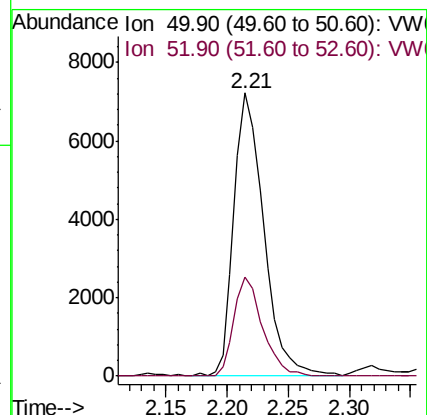
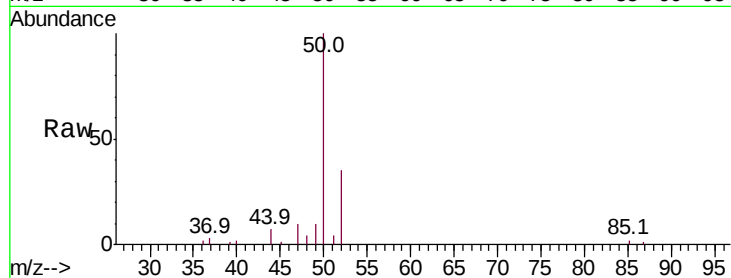
ClientSampleId :

Tot Ion: 50 Resp: 12274

Ion Ratio Lower Upper

50 100

52 35.0 25.1 37.7



#4

Vinyl Chloride

Concen: 29.252 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007885.D

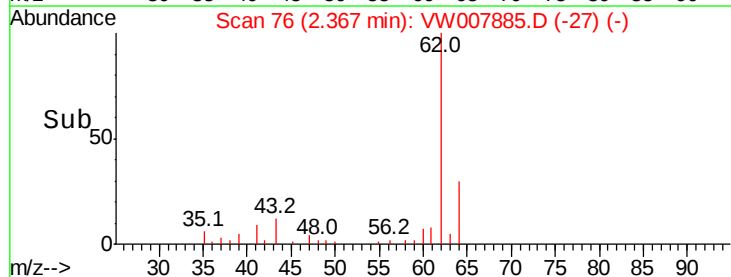
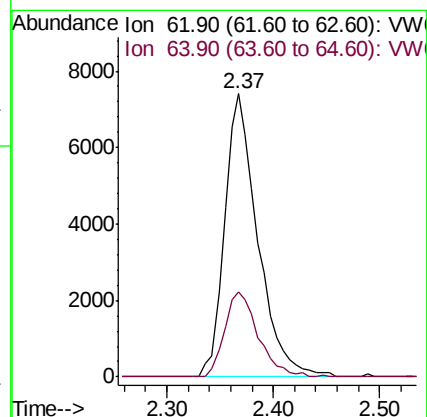
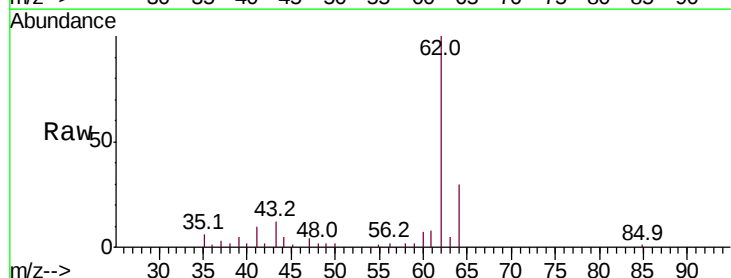
Acq: 24 Dec 2018 13:42

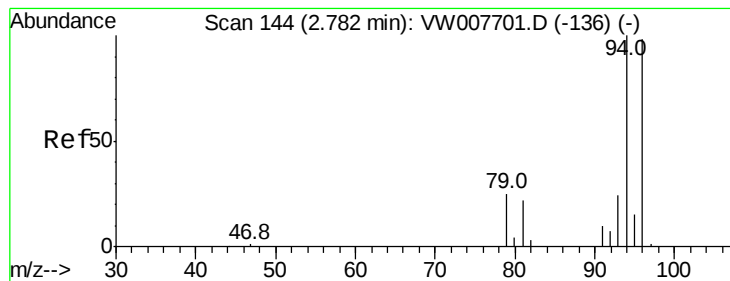
Tgt Ion: 62 Resp: 16022

Ion Ratio Lower Upper

62 100

64 29.9 23.4 35.0





#5

Bromomethane

Concen: 24.163 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

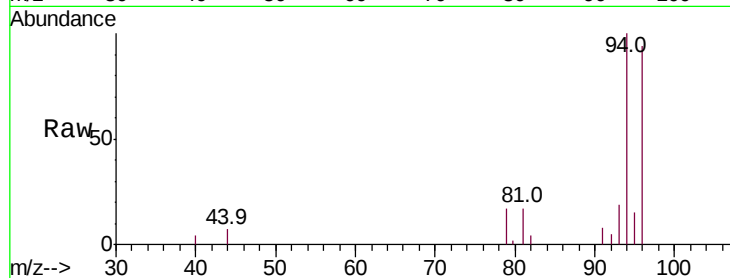
ClientSampleId :

Tot Ion: 94 Resp: 9218

Ion Ratio Lower Upper

94 100

96 93.8 78.2 117.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

4000

3000

2000

1000

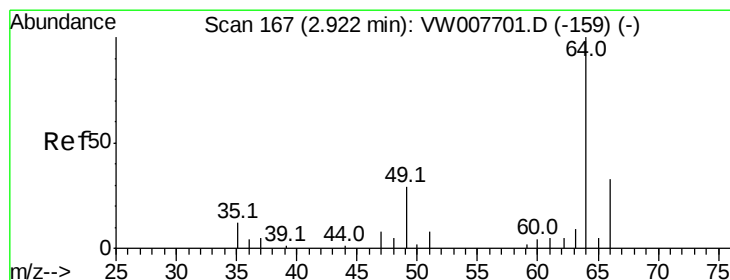
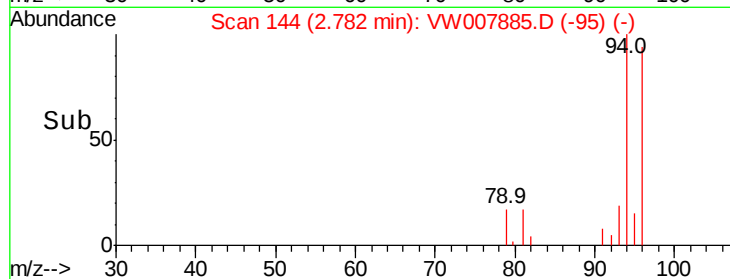
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Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 26.575 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007885.D

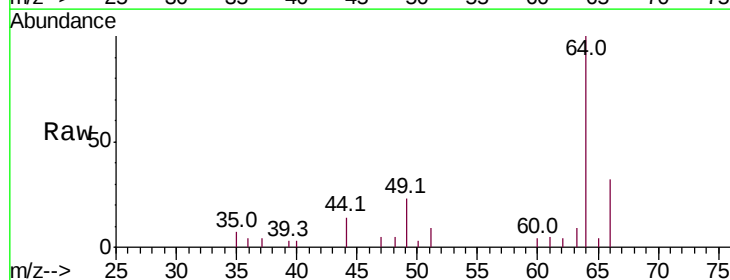
Acq: 24 Dec 2018 13:42

Tgt Ion: 64 Resp: 7787

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

3000

2500

2000

1500

1000

500

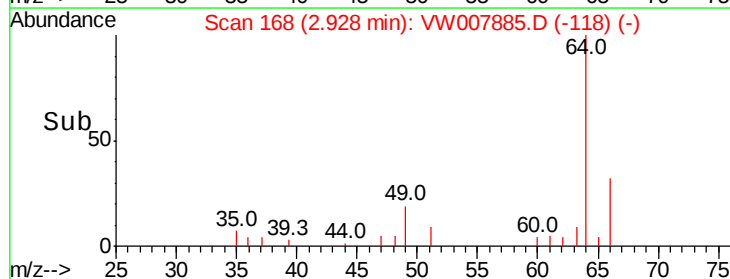
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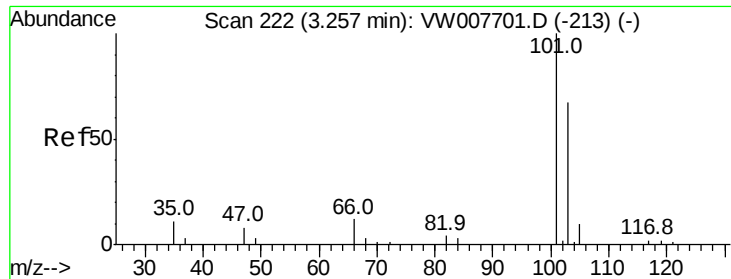
Time-->

2.80

2.90

3.00



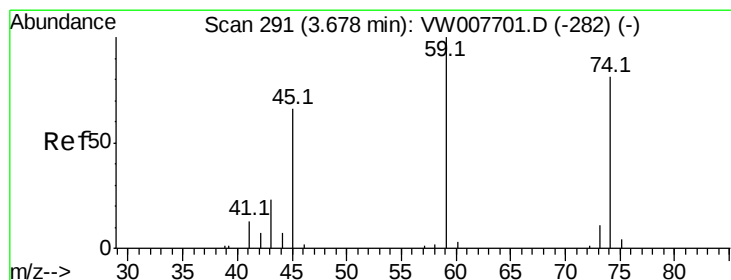
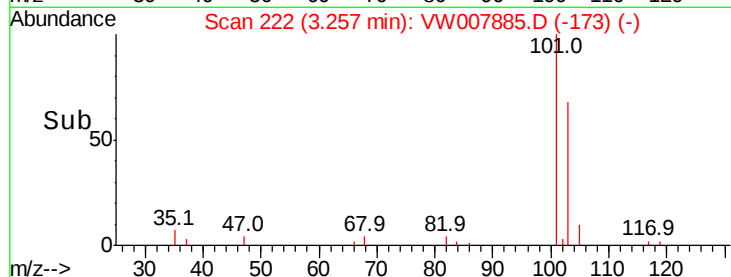
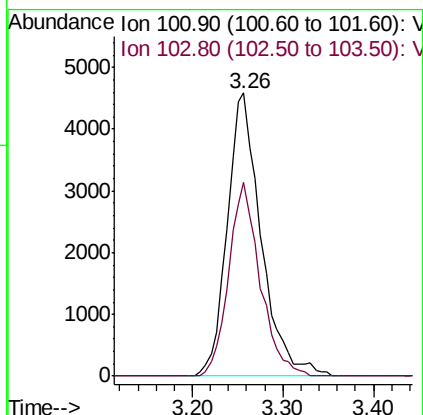
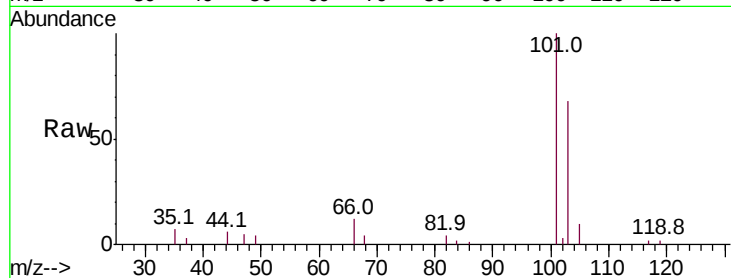


#7

Trichlorofluoromethane
 Concen: 20.771 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Instrument :
 MSVOA_W
 ClientSampled :

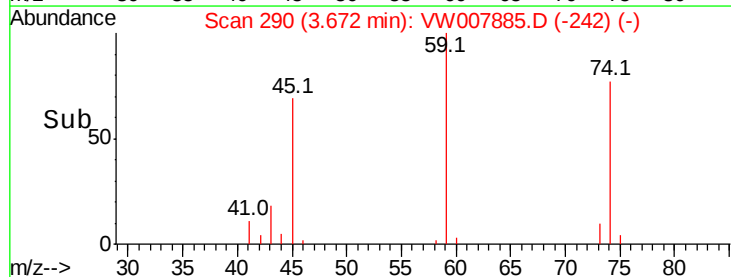
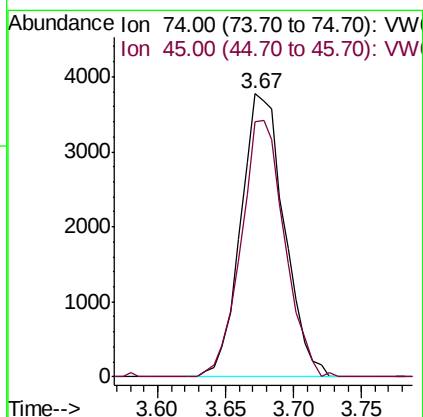
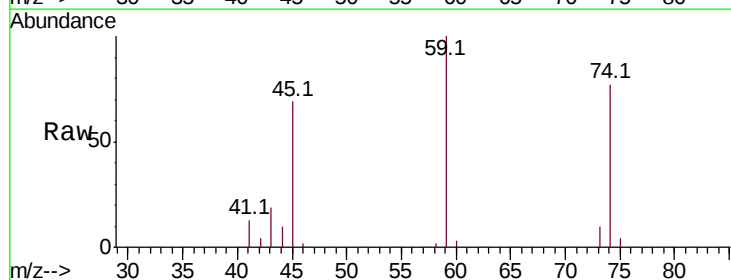
Tot Ion:101 Resp: 11844
 Ion Ratio Lower Upper
 101 100
 103 68.3 53.4 80.2

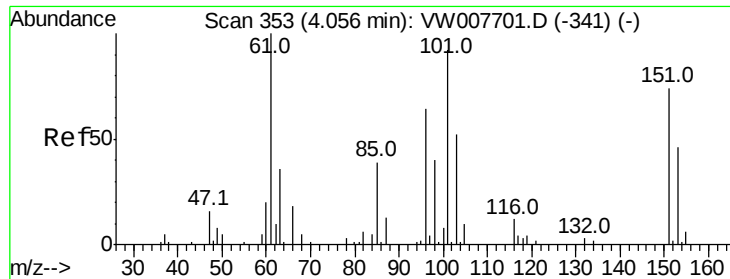


#8

Diethyl Ether
 Concen: 24.219 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion: 74 Resp: 8459
 Ion Ratio Lower Upper
 74 100
 45 90.6 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.618 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :
MSVOA_W
ClientSampled :

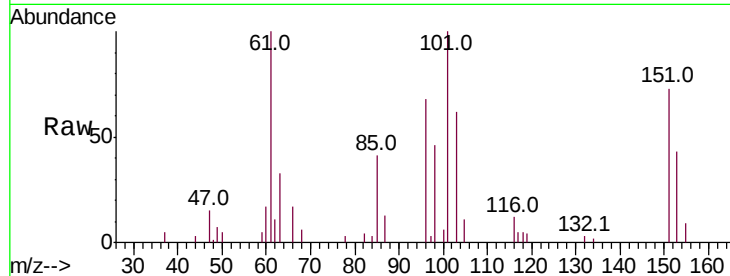
Tot Ion:101 Resp: 17315

Ion Ratio Lower Upper

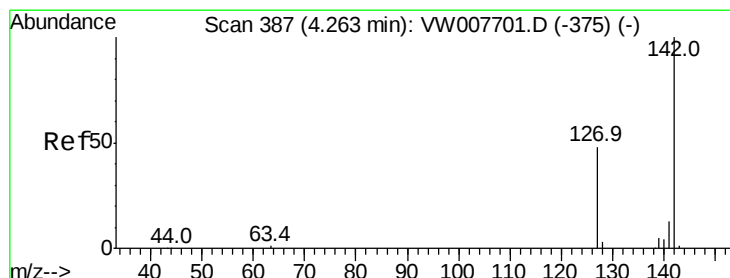
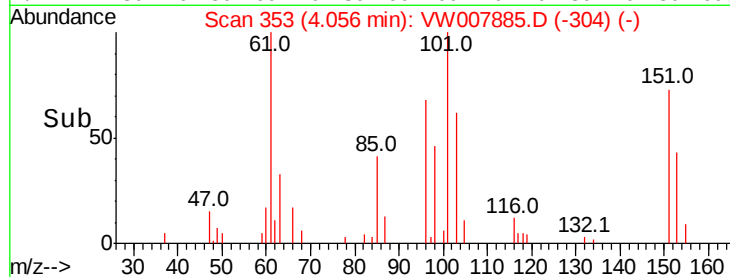
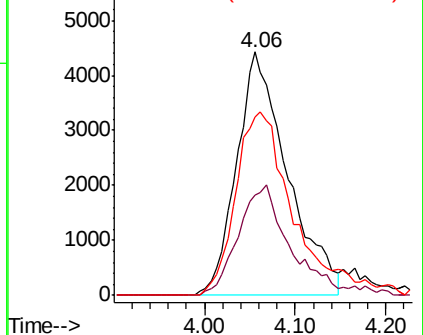
101 100

85 45.5 34.3 51.5

151 84.6 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: 20.691 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

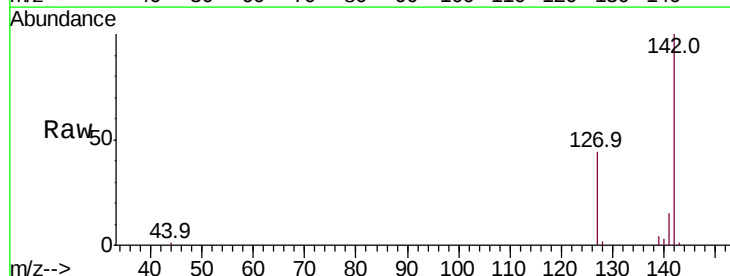
Tgt Ion:142 Resp: 27634

Ion Ratio Lower Upper

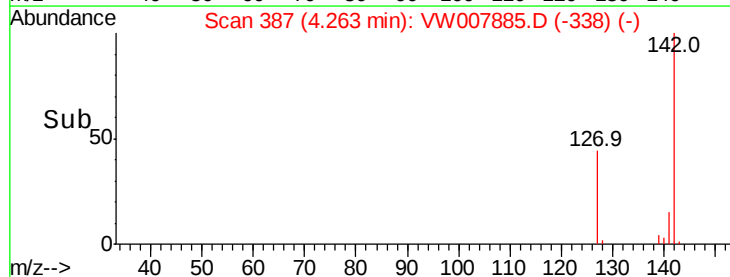
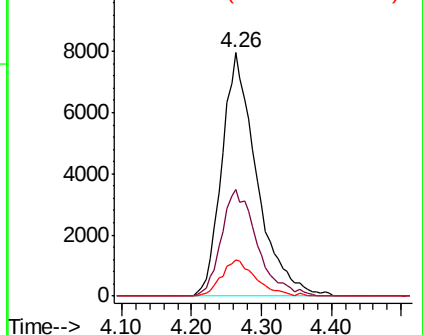
142 100

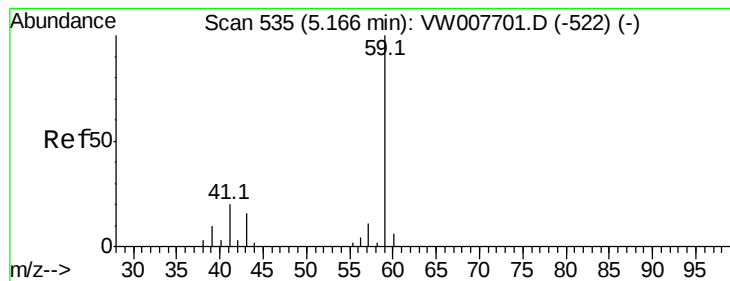
127 44.9 37.7 56.5

141 14.4 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



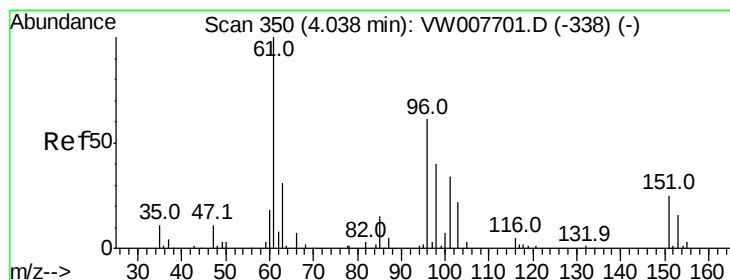
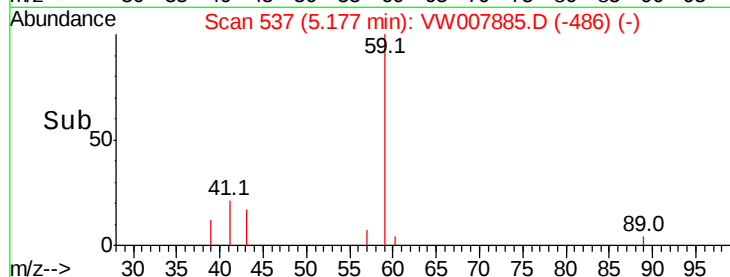
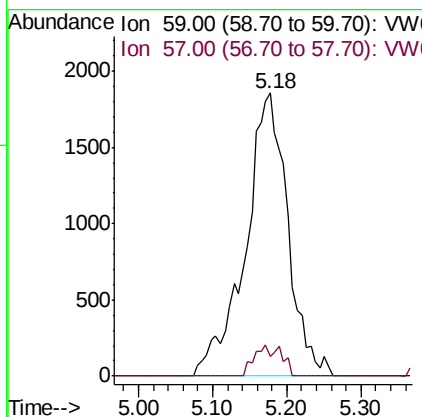
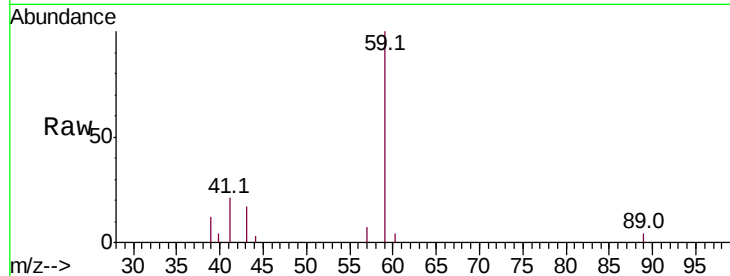


#11

Tert butyl alcohol
 Concen: 126.551 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Instrument :
 MSVOA_W
 ClientSampled :

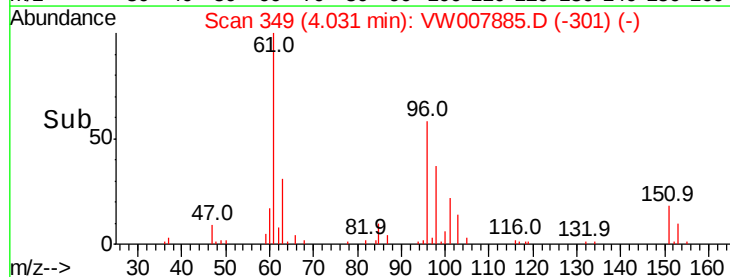
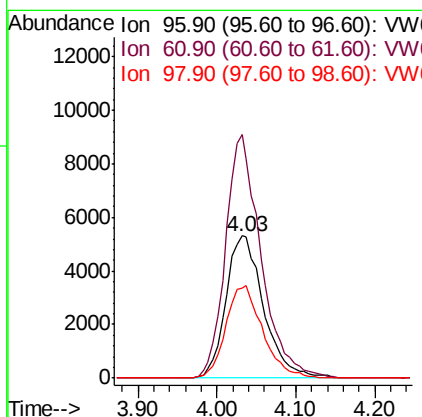
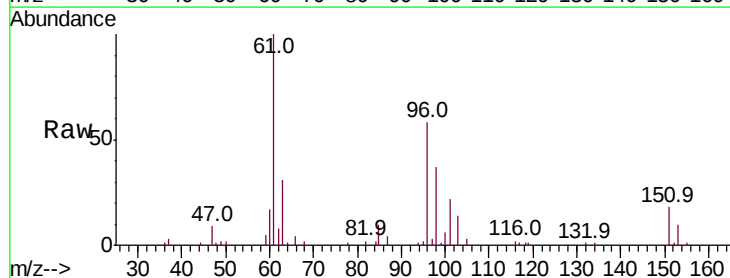
Tot Ion: 59 Resp: 7375
 Ion Ratio Lower Upper
 59 100
 57 6.9 7.8 11.8#

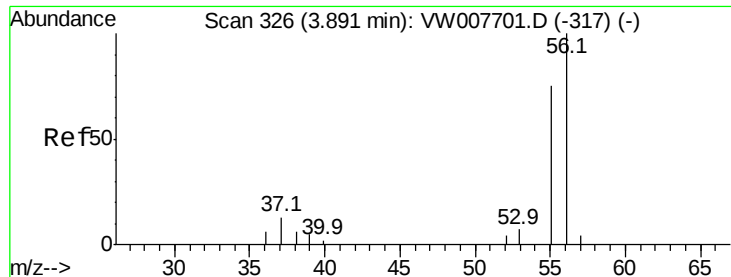


#12

1,1-Dichloroethene
 Concen: 22.667 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion: 96 Resp: 17627
 Ion Ratio Lower Upper
 96 100
 61 171.5 130.6 195.8
 98 63.0 52.3 78.5





#13

Acrolein

Concen: 102.863 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

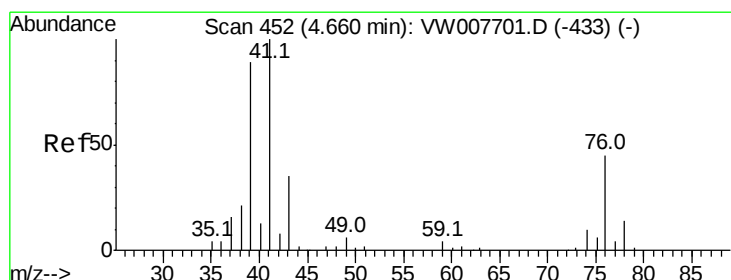
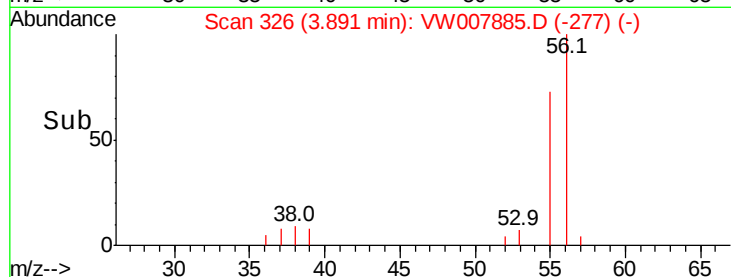
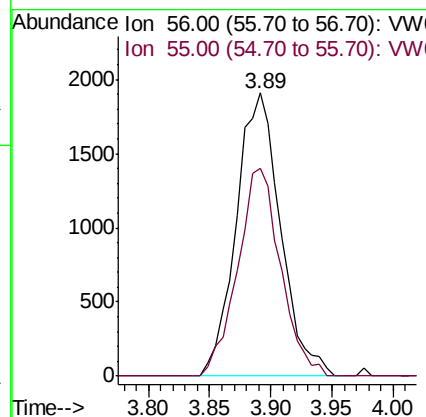
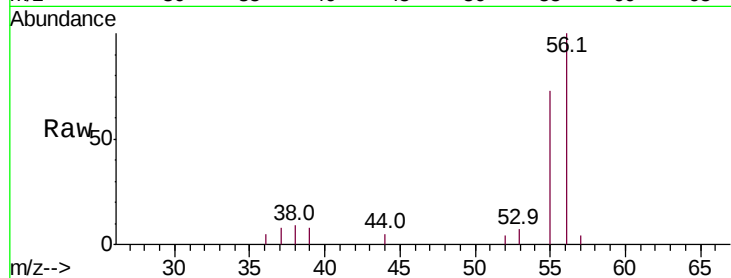
ClientSampleId :

Tot Ion: 56 Resp: 4793

Ion Ratio Lower Upper

56 100

55 71.4 57.7 86.5



#14

Allyl chloride

Concen: 24.914 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

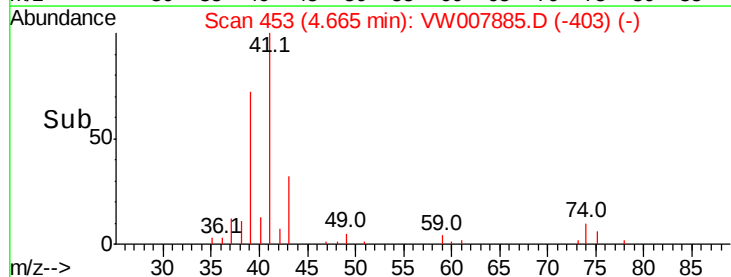
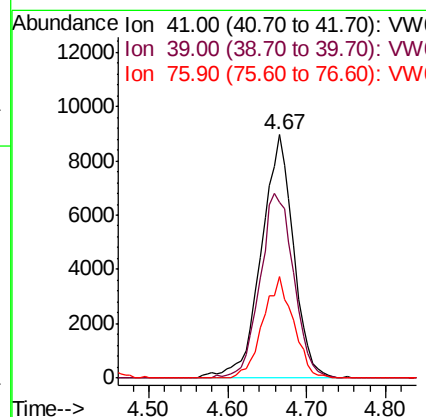
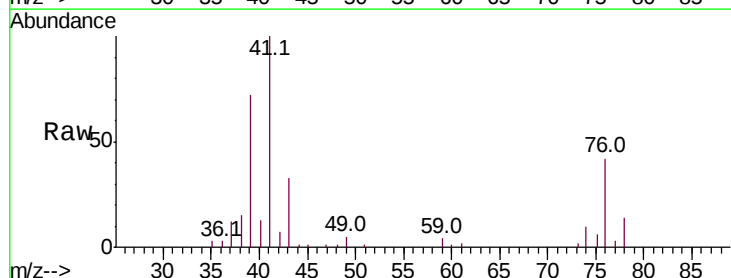
Tgt Ion: 41 Resp: 25407

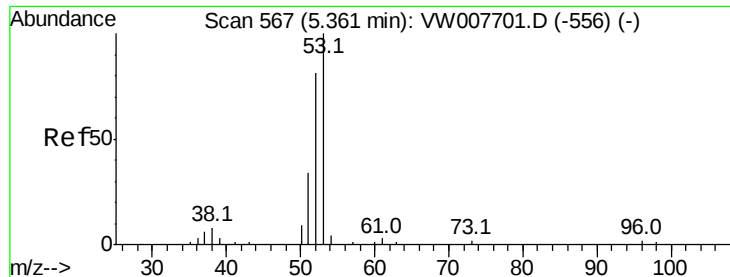
Ion Ratio Lower Upper

41 100

39 79.5 69.5 104.3

76 39.4 34.8 52.2





#15

Acrylonitrile

Concen: 119.783 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :
MSVOA_W
ClientSampleId :

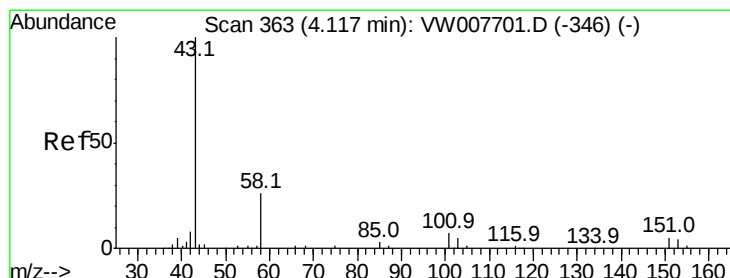
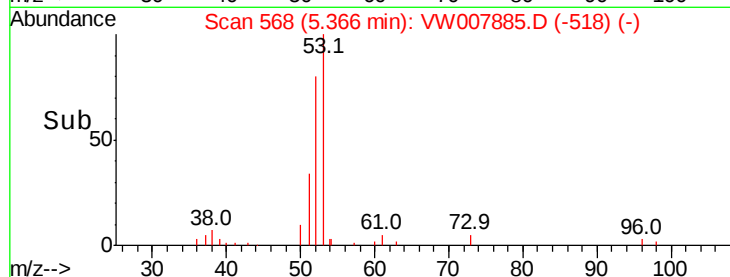
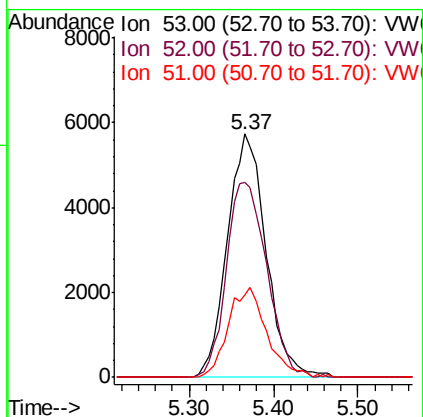
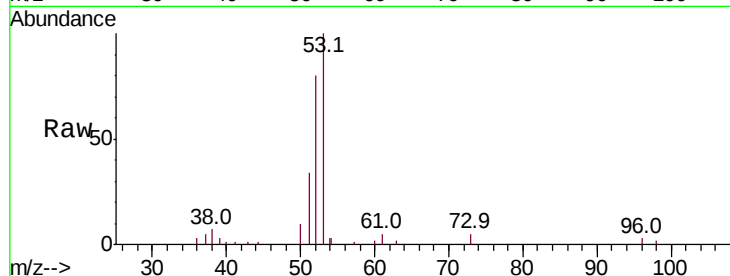
Tot Ion: 53 Resp: 17846

Ion Ratio Lower Upper

53 100

52 83.6 67.0 100.4

51 36.6 30.2 45.2



#16

Acetone

Concen: 123.901 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007885.D

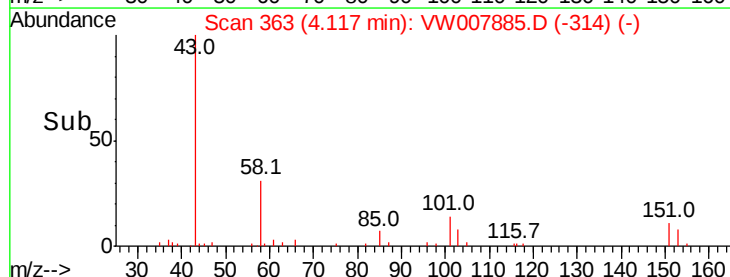
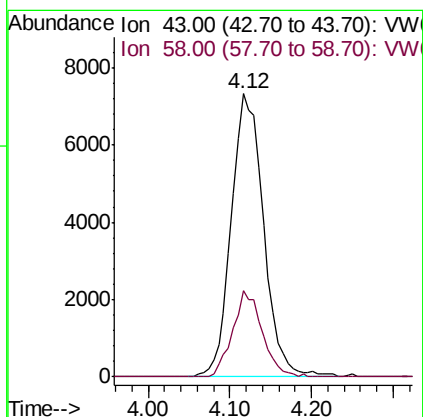
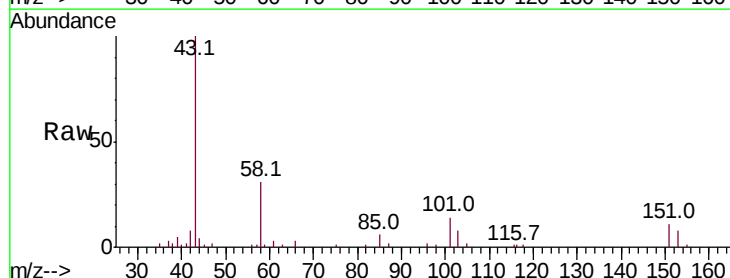
Acq: 24 Dec 2018 13:42

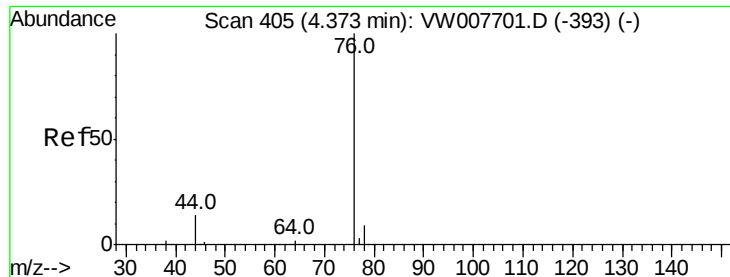
Tgt Ion: 43 Resp: 20044

Ion Ratio Lower Upper

43 100

58 30.6 21.2 31.8





#17

Carbon Disulfide

Concen: 20.551 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

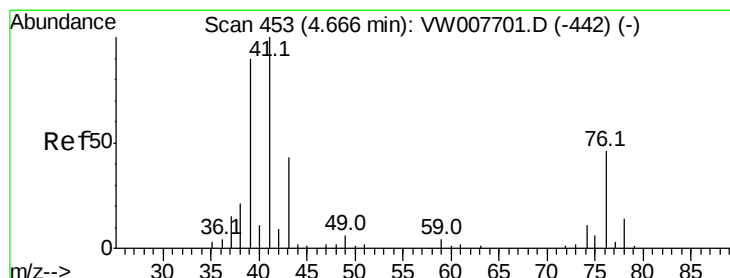
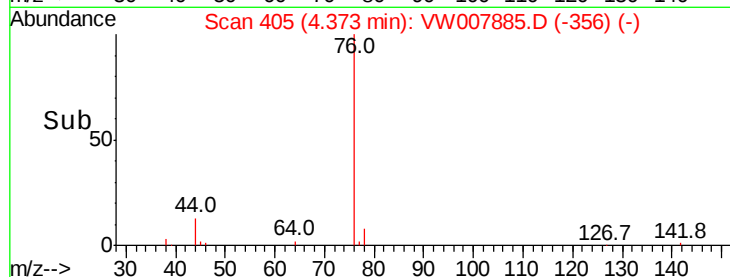
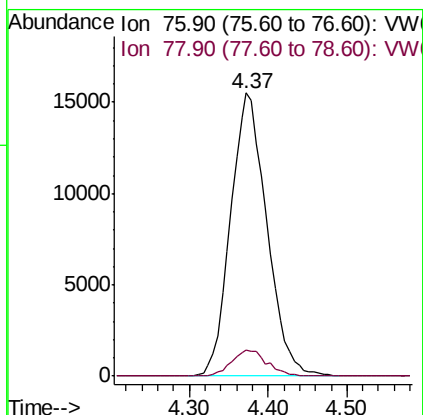
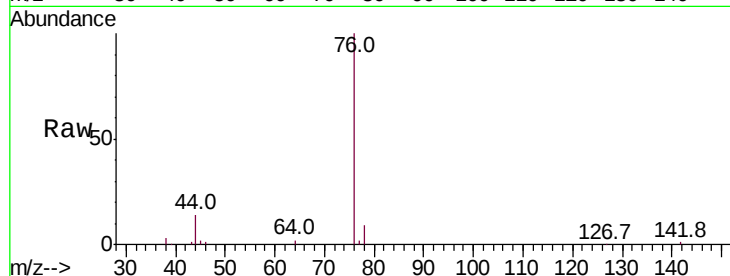
ClientSampled :

Tot Ion: 76 Resp: 49457

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 24.357 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007885.D

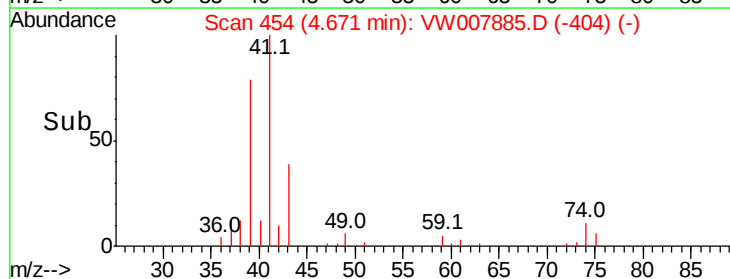
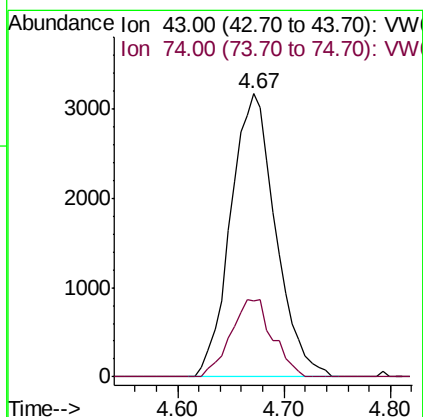
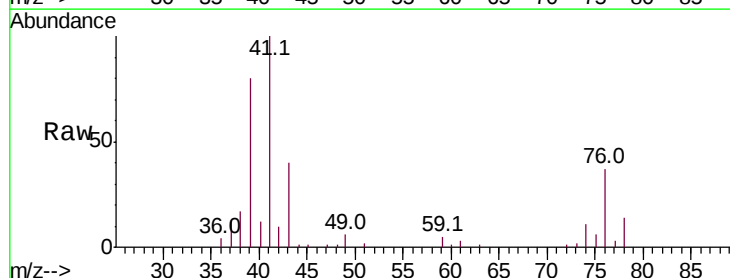
Acq: 24 Dec 2018 13:42

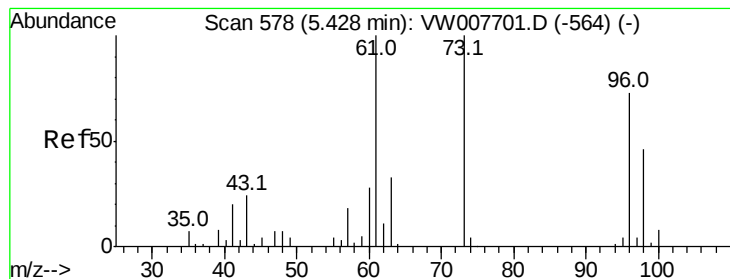
Tgt Ion: 43 Resp: 9371

Ion Ratio Lower Upper

43 100

74 25.6 22.7 34.1



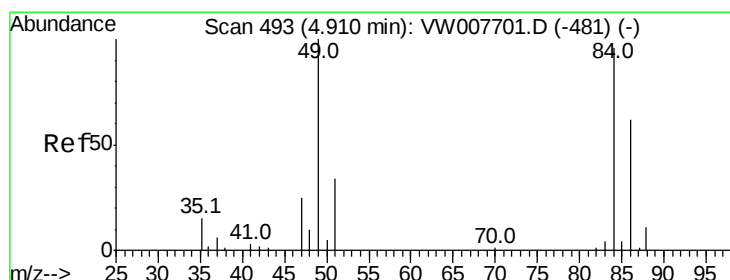
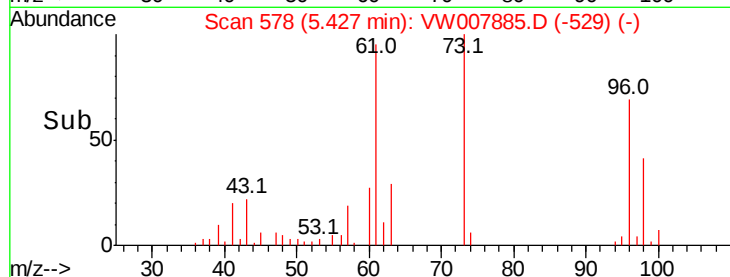
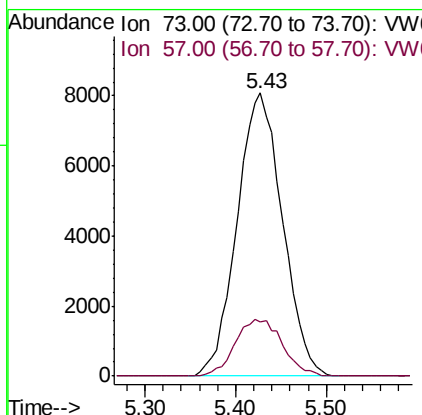
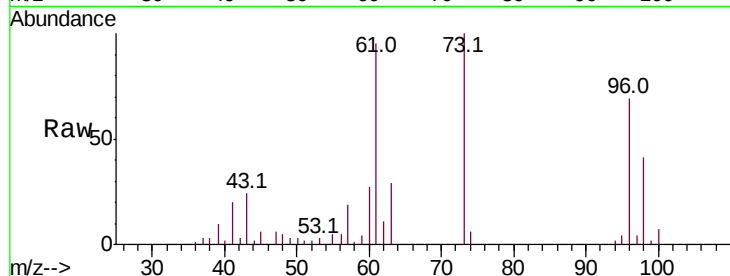


#19

Methyl tert-butyl Ether
 Concen: 25.092 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Instrument :
 MSVOA_W
 ClientSampled :

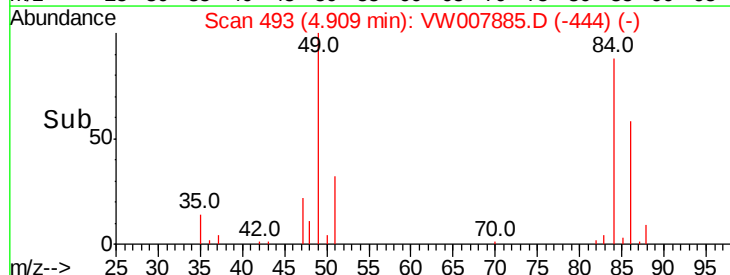
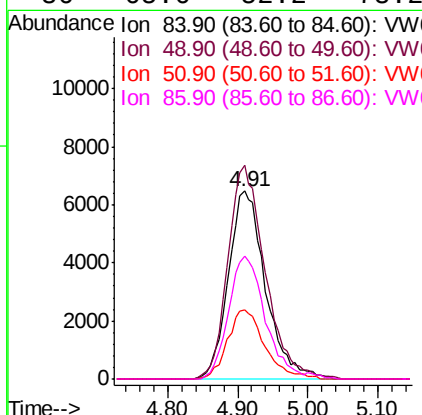
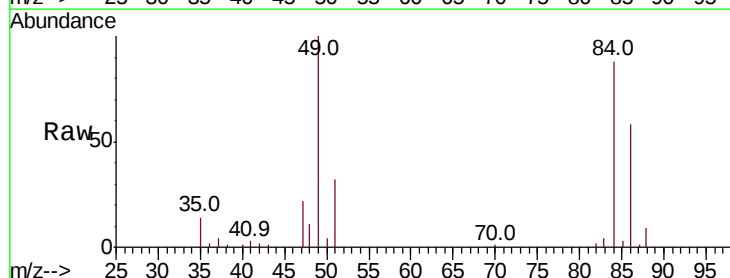
Tot Ion: 73 Resp: 28013
 Ion Ratio Lower Upper
 73 100
 57 19.0 14.7 22.1

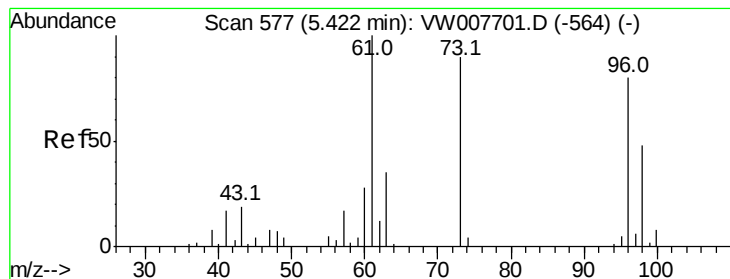


#20

Methylene Chloride
 Concen: 26.637 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion: 84 Resp: 23934
 Ion Ratio Lower Upper
 84 100
 49 113.7 83.7 125.5
 51 36.8 28.2 42.2
 86 65.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 21.301 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

ClientSampleId :

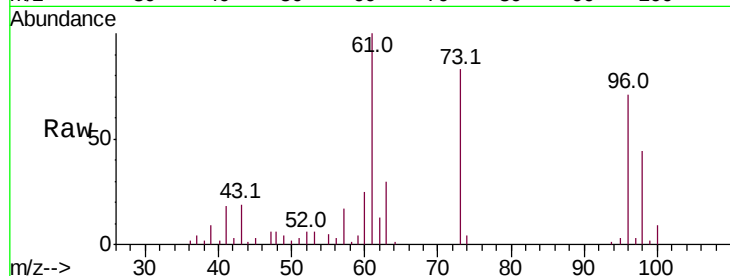
Tot Ion: 96 Resp: 18218

Ion Ratio Lower Upper

96 100

61 141.5 100.1 150.1

98 61.7 48.5 72.7

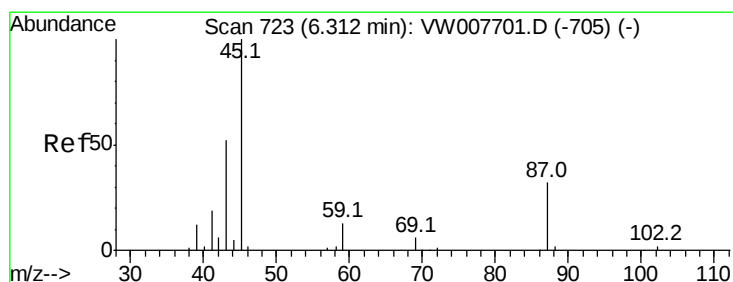
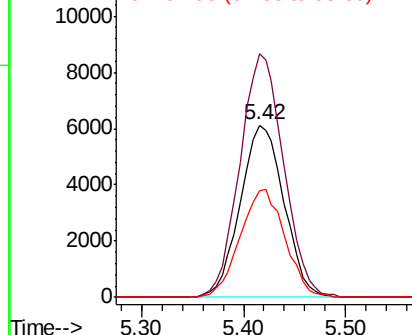
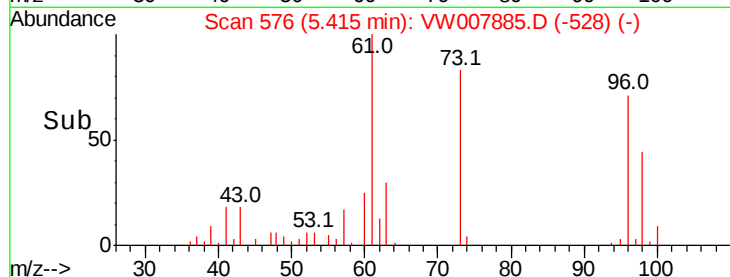


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 25.090 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Tgt Ion: 45 Resp: 47909

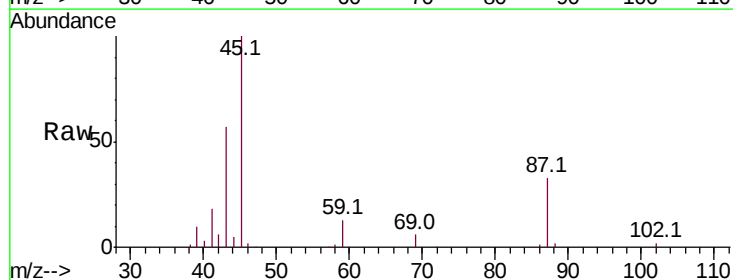
Ion Ratio Lower Upper

45 100

43 56.1 43.7 65.5

87 32.7 26.6 40.0

59 13.0 10.2 15.2



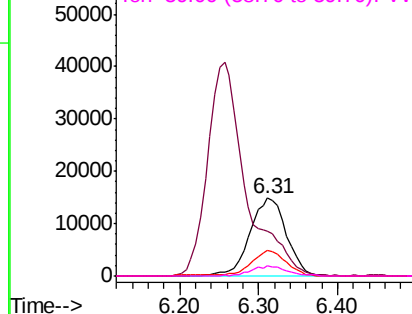
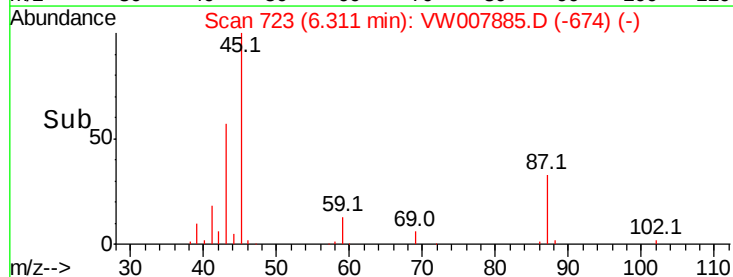
Abundance

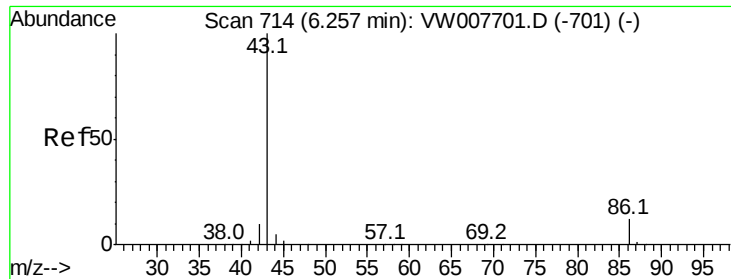
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 121.805 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

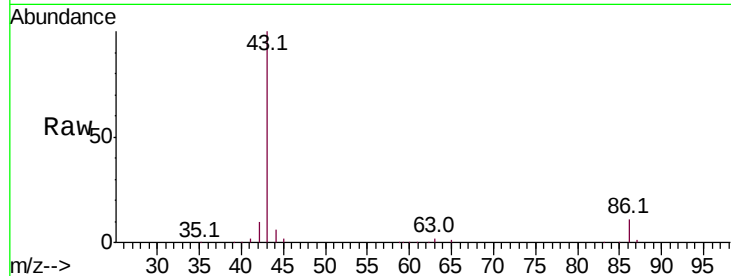
ClientSampleId :

Tot Ion: 43 Resp: 138188

Ion Ratio Lower Upper

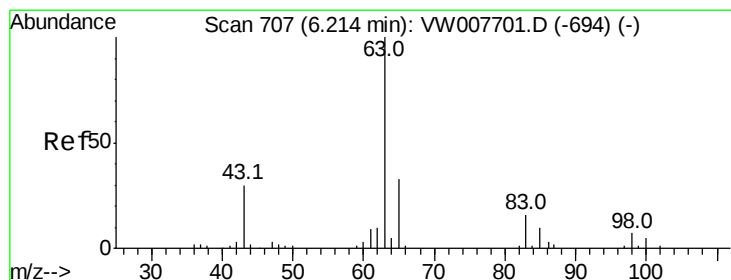
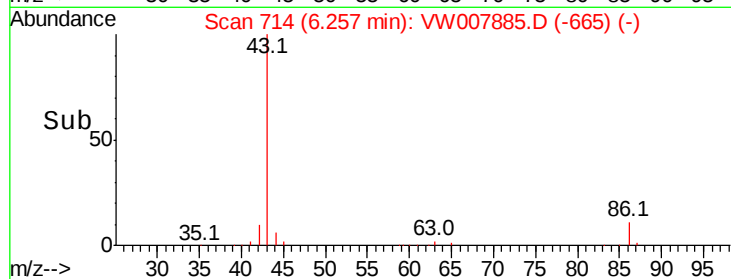
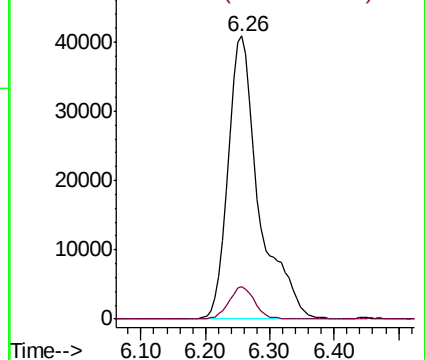
43 100

86 11.3 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: 22.842 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

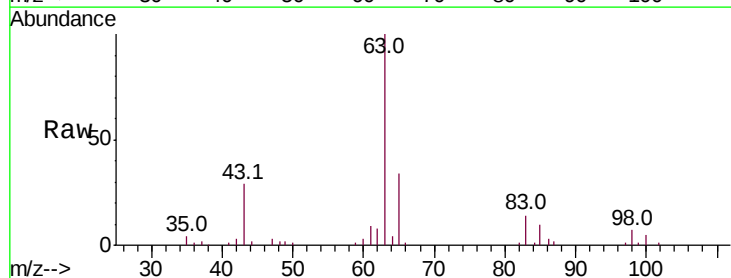
Tgt Ion: 63 Resp: 32087

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

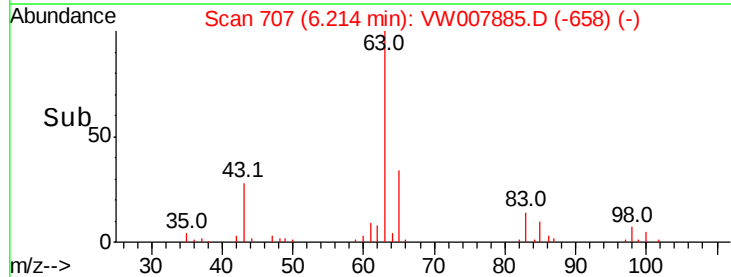
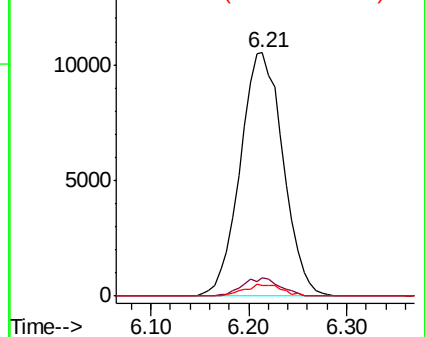
100 4.5 2.5 7.5

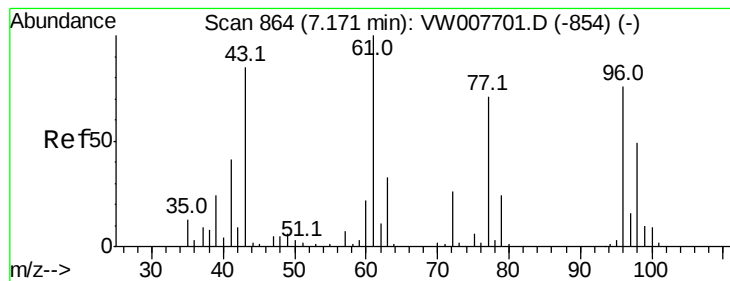


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 121.535 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

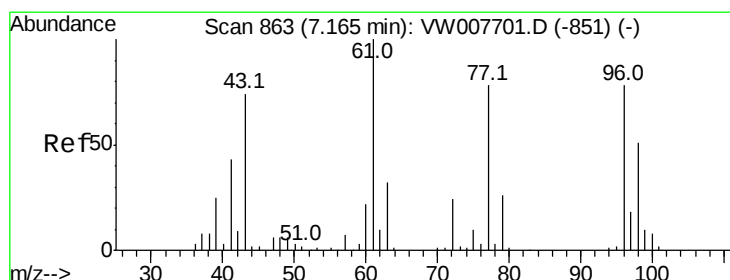
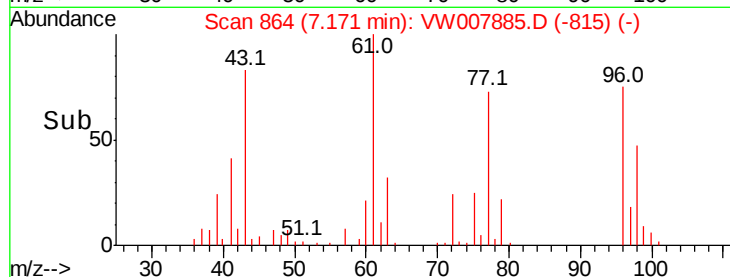
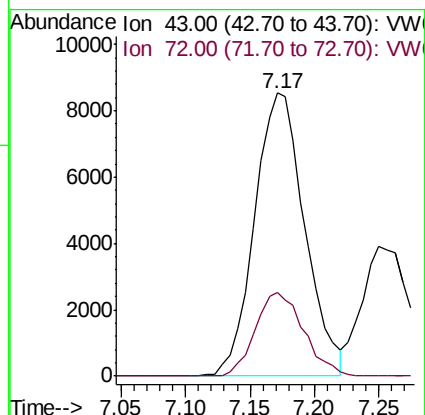
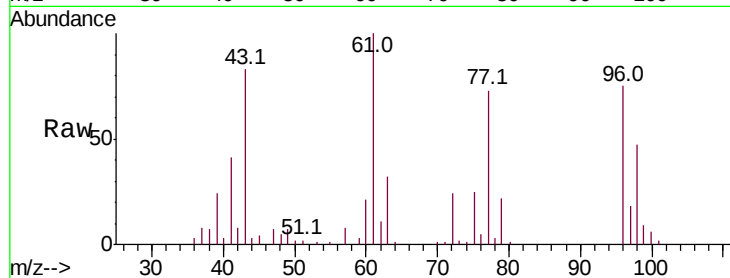
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 23029

Ion Ratio Lower Upper

43 100

72 29.5 24.5 36.7



#26

2,2-Dichloropropane

Concen: 23.058 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007885.D

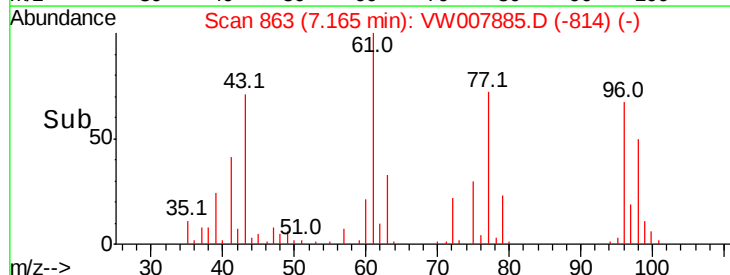
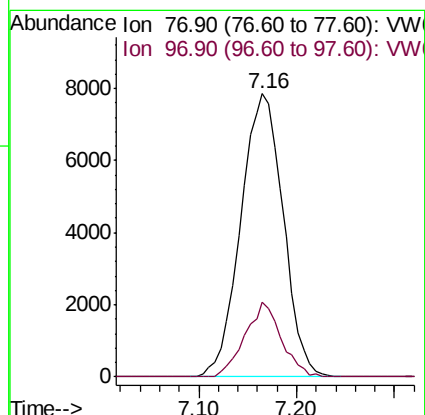
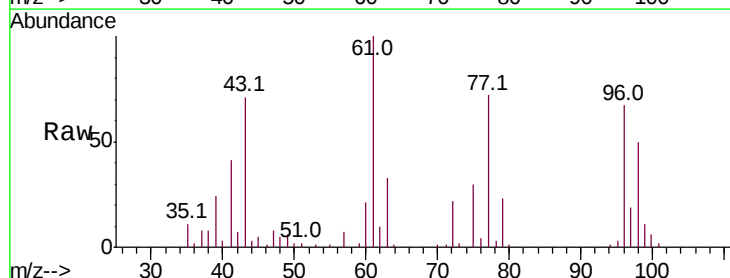
Acq: 24 Dec 2018 13:42

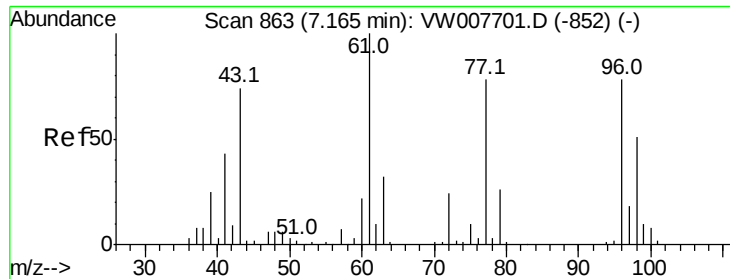
Tgt Ion: 77 Resp: 23702

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9



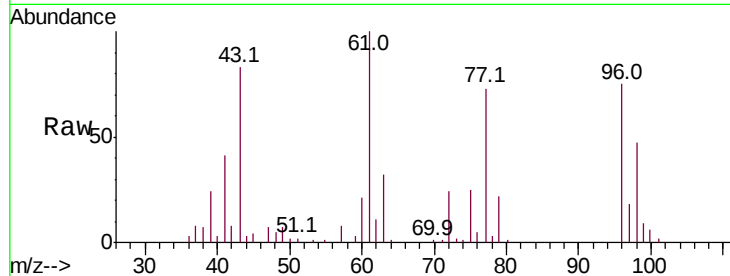


#27

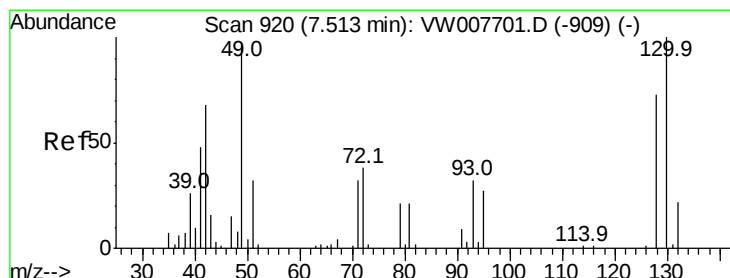
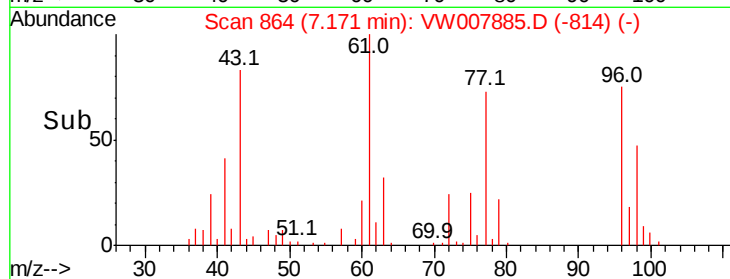
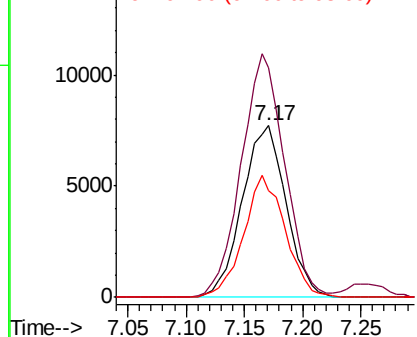
cis-1,2-Dichloroethene
Concen: 22.113 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 20149
Ion Ratio Lower Upper
96 100
61 140.8 0.0 271.6
98 67.2 0.0 131.2



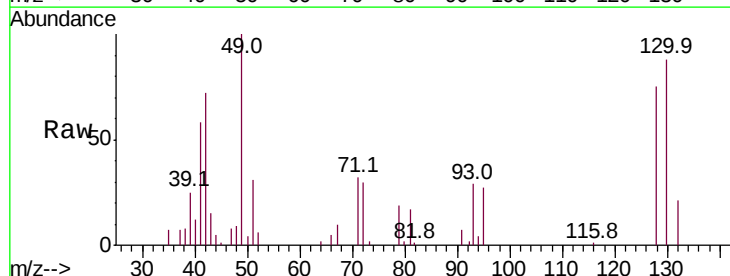
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



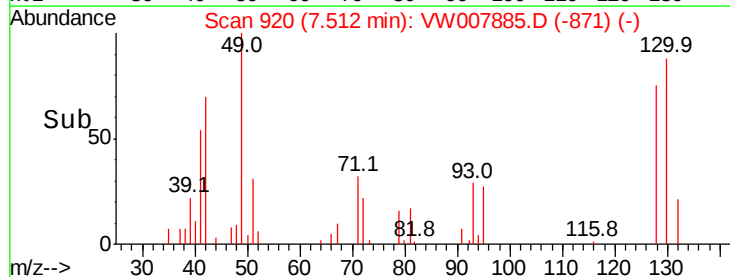
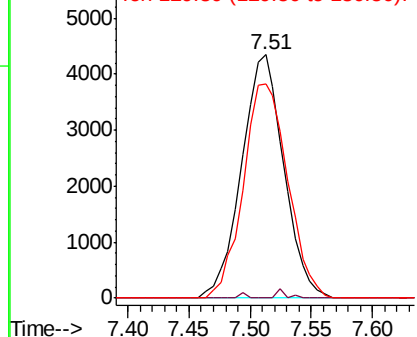
#28

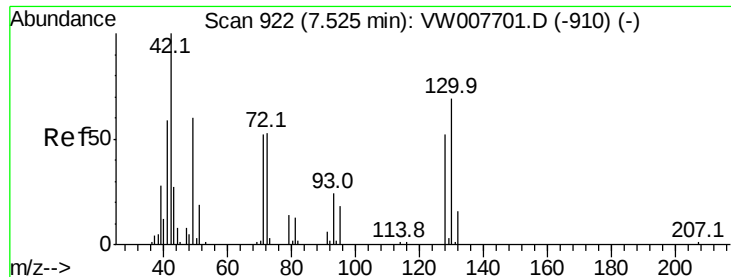
Bromochloromethane
Concen: 21.774 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion: 49 Resp: 10429
Ion Ratio Lower Upper
49 100
129 0.8 0.0 2.2
130 92.5 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

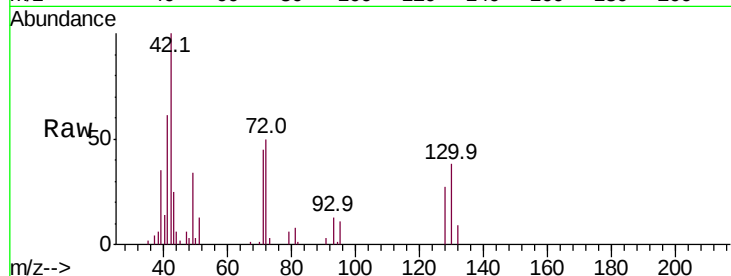




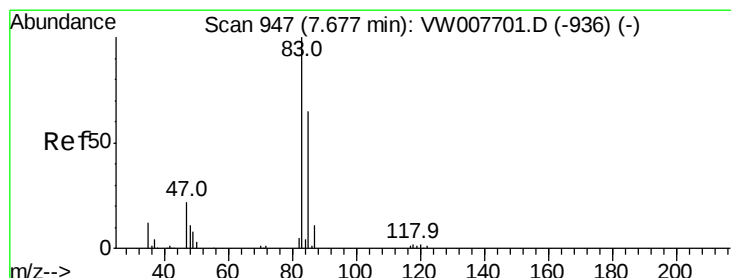
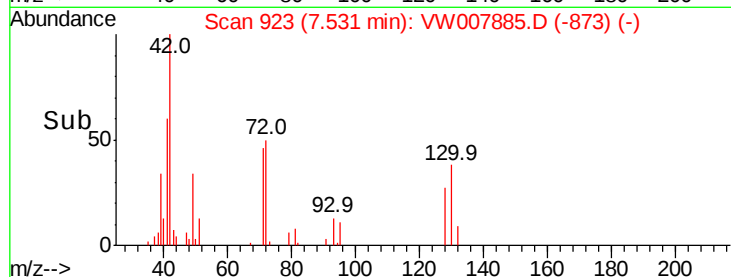
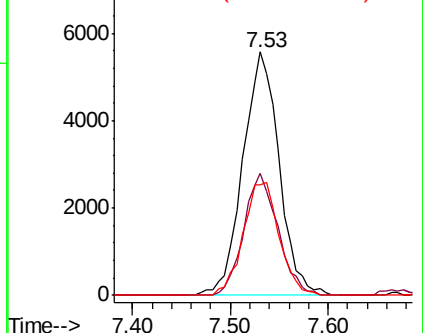
#29
Tetrahydrofuran
Concen: 126.999 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 14354
Ion Ratio Lower Upper
42 100
72 47.1 41.7 62.5
71 45.9 39.0 58.6

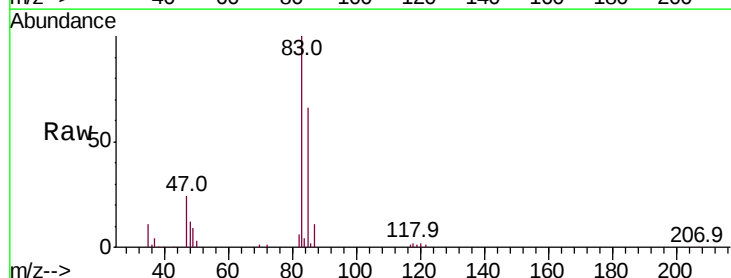


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

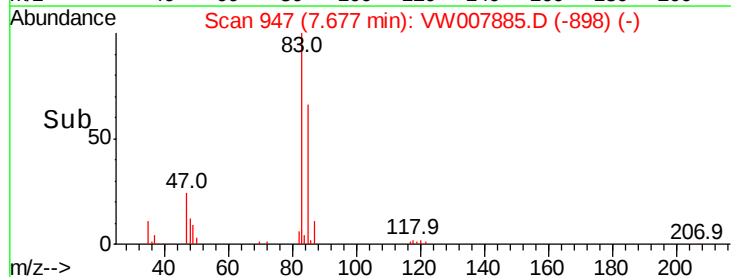
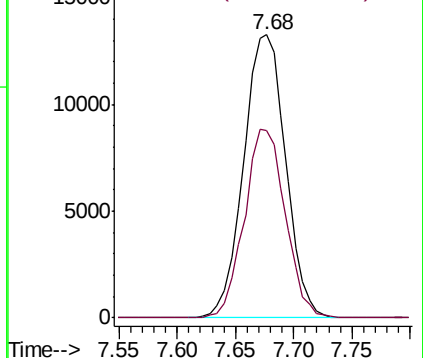


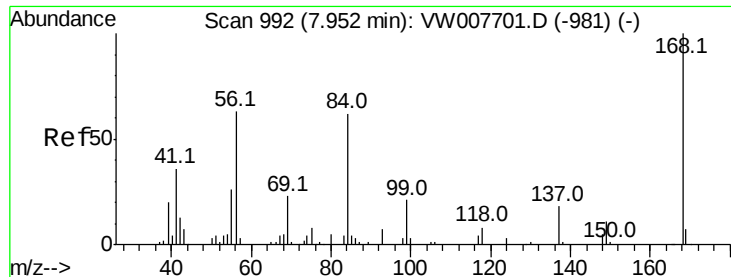
#30
Chloroform
Concen: 20.884 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion: 83 Resp: 33200
Ion Ratio Lower Upper
83 100
85 66.2 52.2 78.2



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

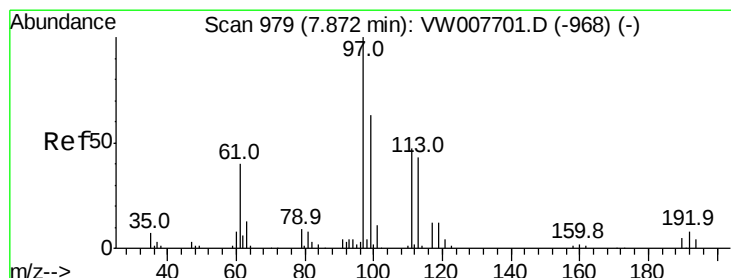
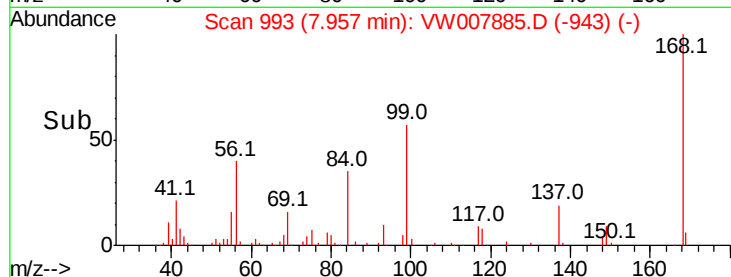
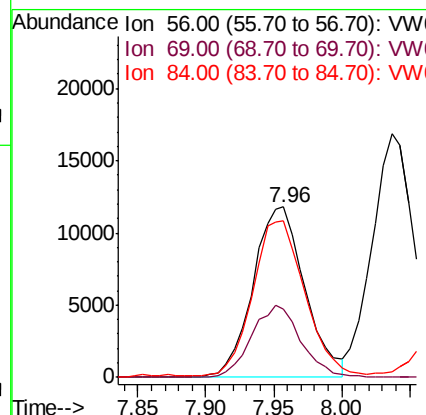
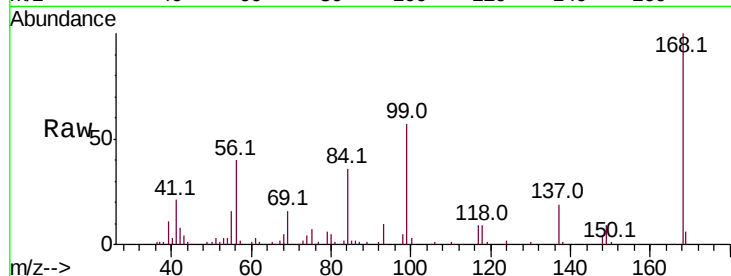




#31
Cyclohexane
Concen: 24.418 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

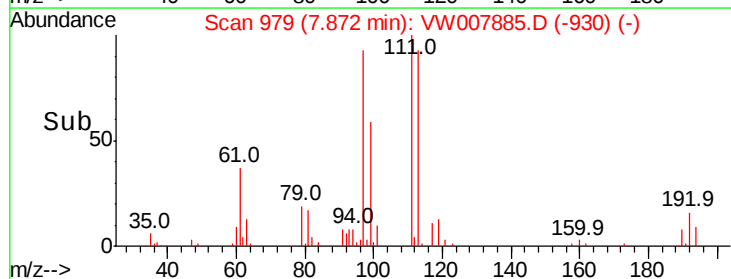
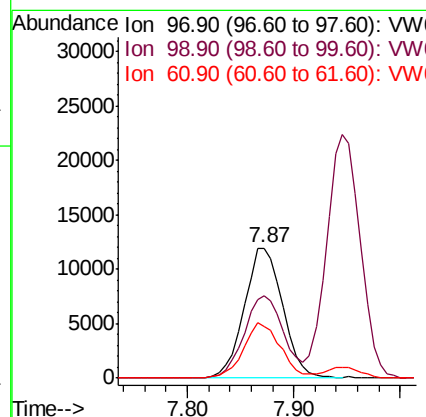
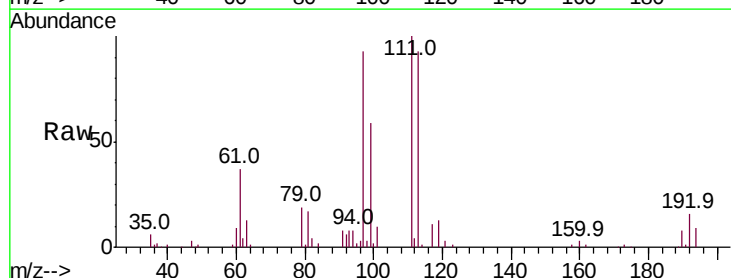
Instrument :
MSVOA_W
ClientSampled :

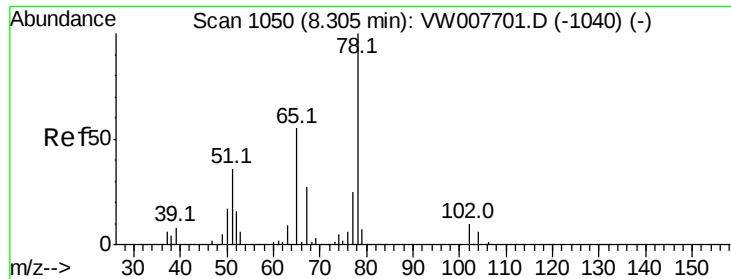
Tot Ion: 56 Resp: 31402
Ion Ratio Lower Upper
56 100
69 40.3 29.7 44.5
84 90.9 78.9 118.3



#32
1,1,1-Trichloroethane
Concen: 20.902 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion: 97 Resp: 30263
Ion Ratio Lower Upper
97 100
99 64.9 50.6 76.0
61 40.7 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 50.876 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

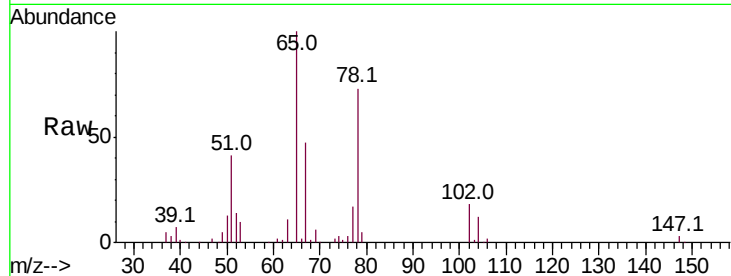
ClientSampleId :

Tot Ion: 65 Resp: 43952

Ion Ratio Lower Upper

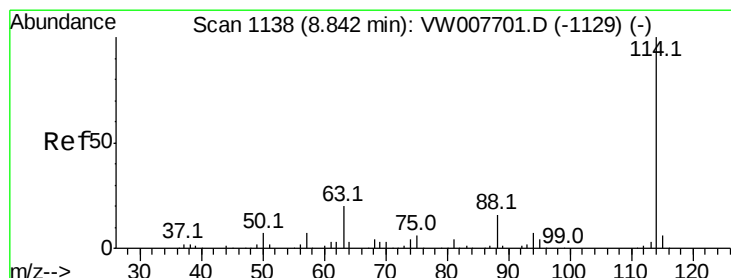
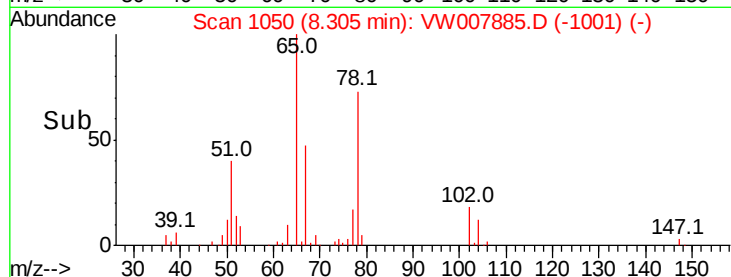
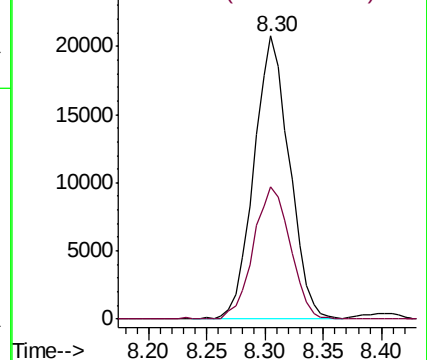
65 100

67 48.5 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

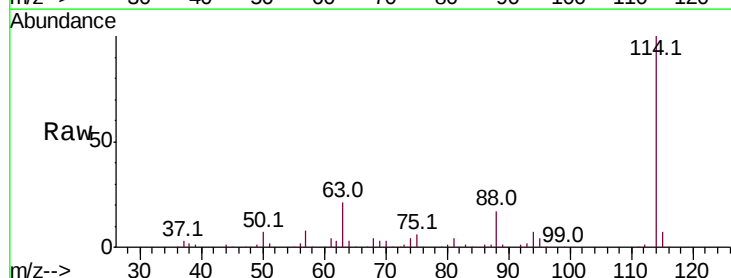
Tgt Ion:114 Resp: 126177

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

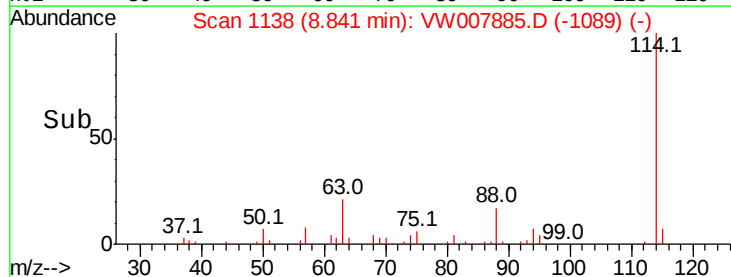
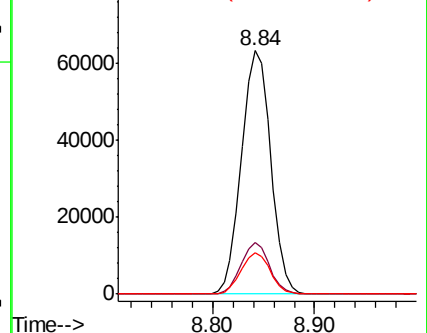
88 16.8 0.0 32.6

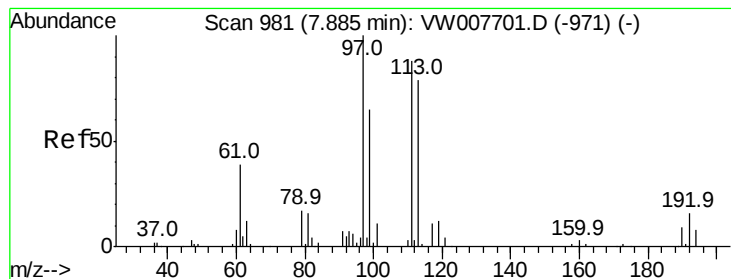


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.157 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

ClientSampleId :

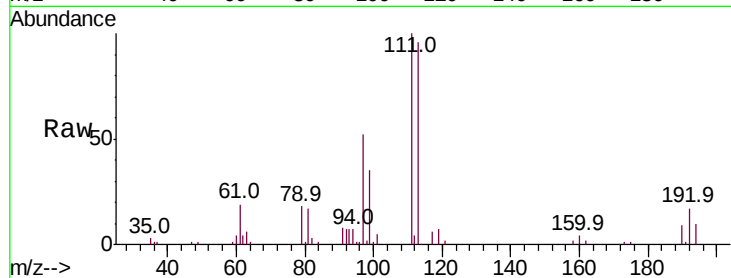
Tot Ion:113 Resp: 38608

Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

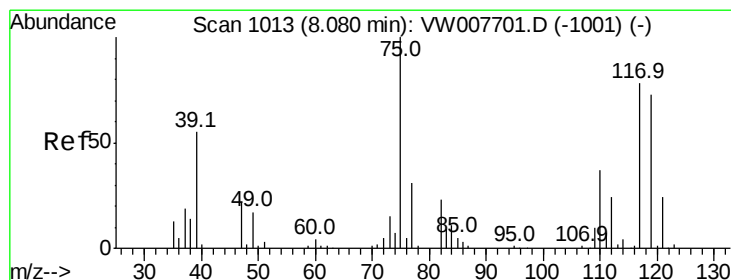
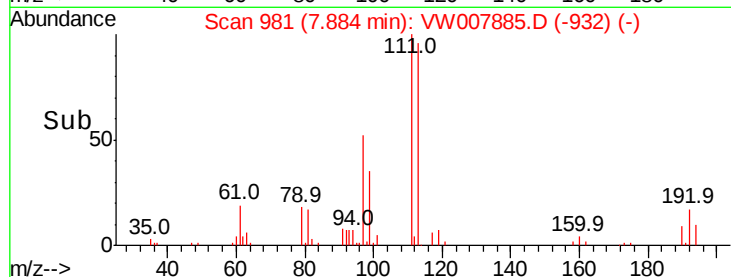
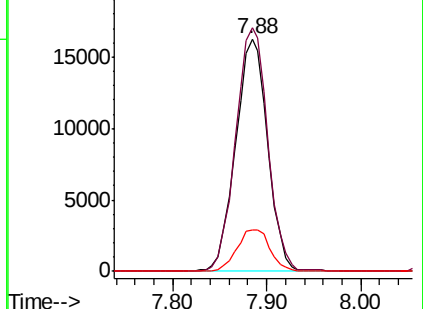
192 18.5 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.336 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

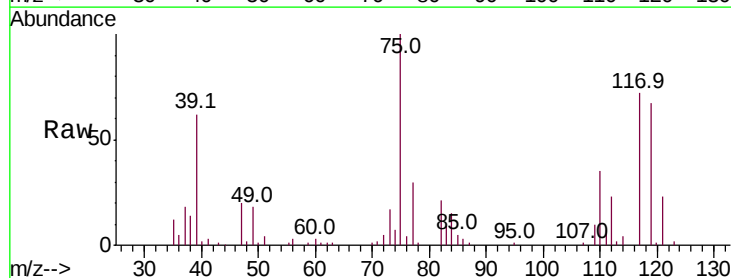
Tgt Ion: 75 Resp: 27201

Ion Ratio Lower Upper

75 100

110 34.7 18.6 55.8

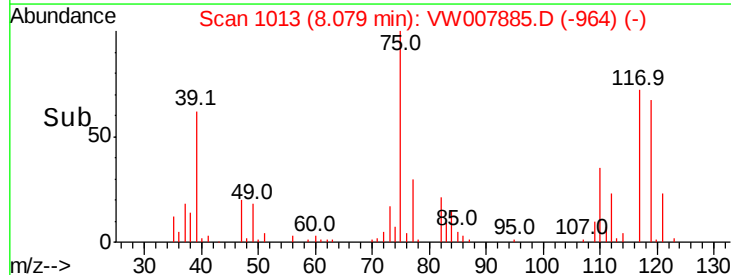
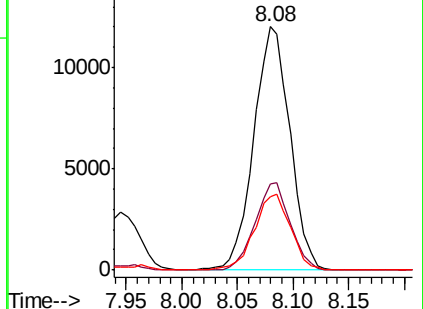
77 31.1 25.0 37.4

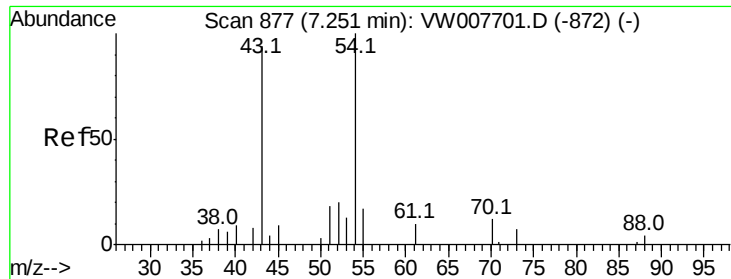


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

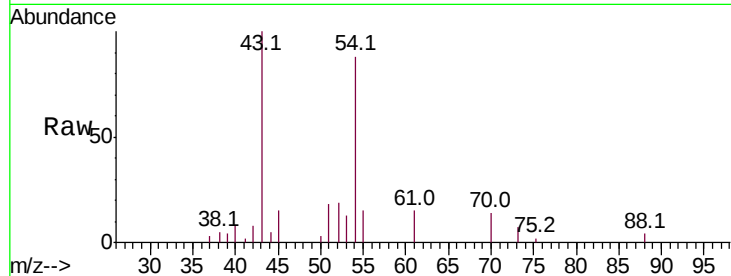




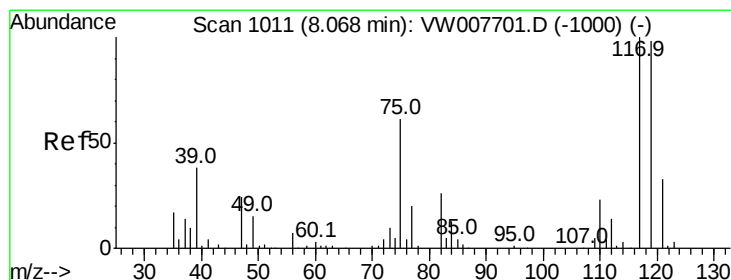
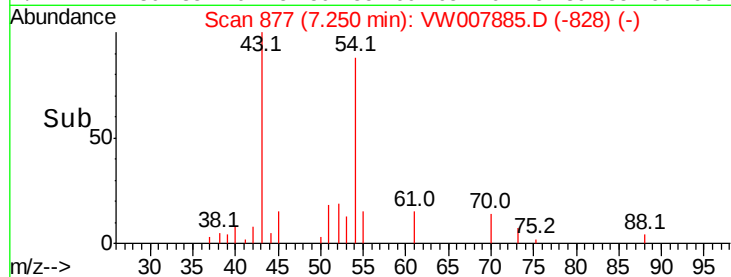
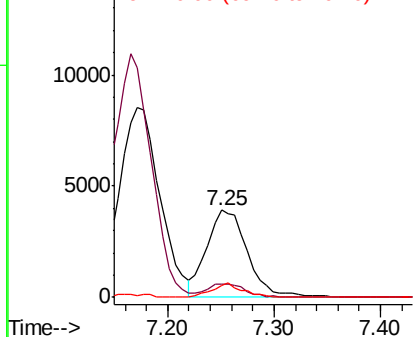
#37
Ethyl Acetate
Concen: 24.866 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 10451
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 12.1 9.3 13.9

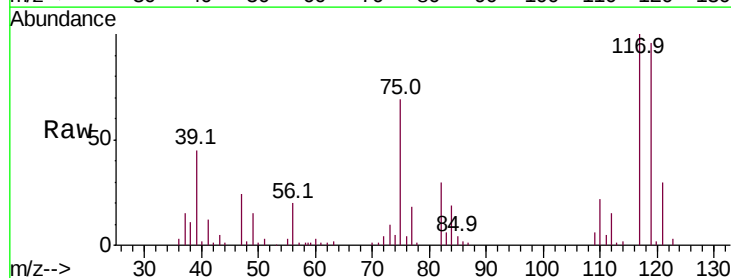


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

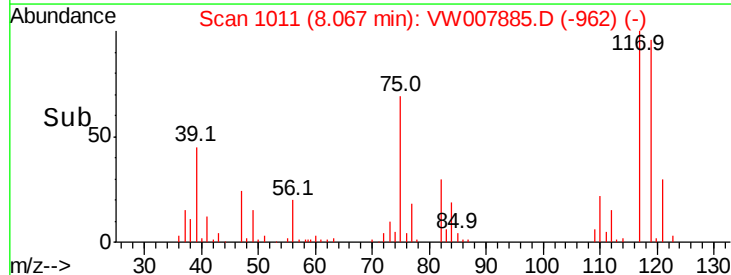
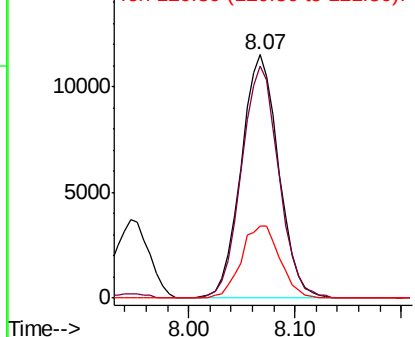


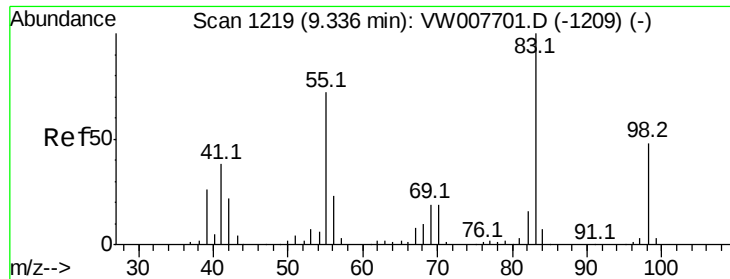
#38
Carbon Tetrachloride
Concen: 19.815 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion: 117 Resp: 28420
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.2
121 29.6 26.1 39.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

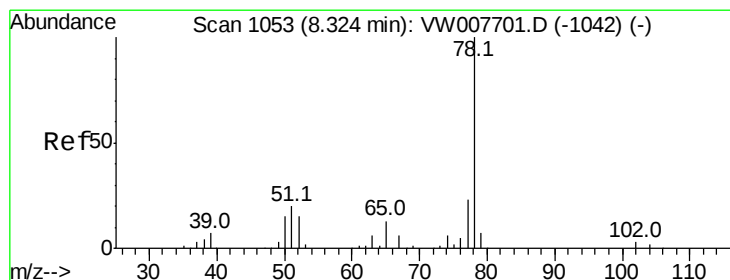
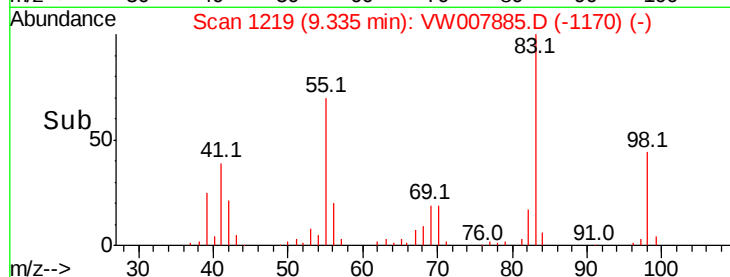
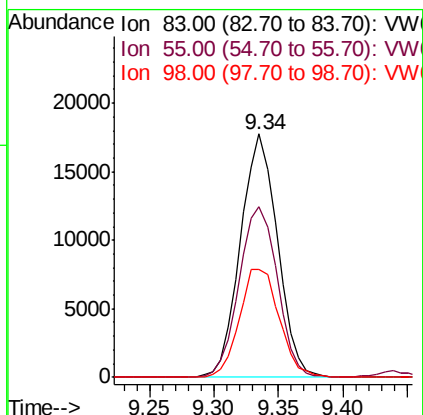
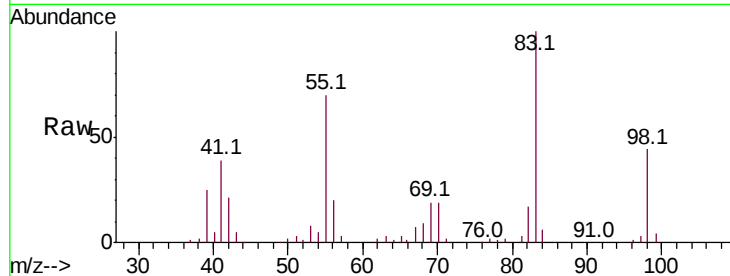




#39
Methvlcvclohexane
Concen: 23.366 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

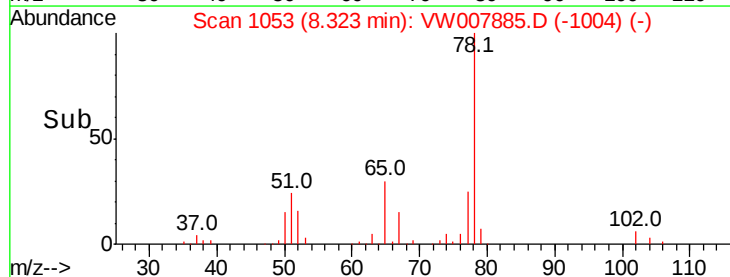
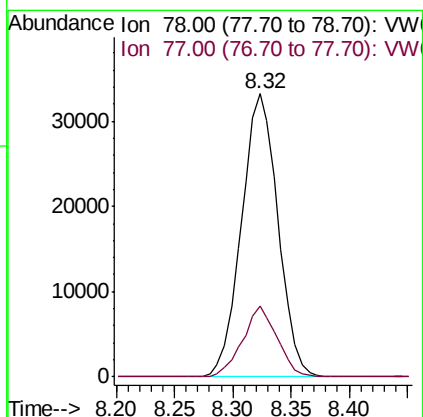
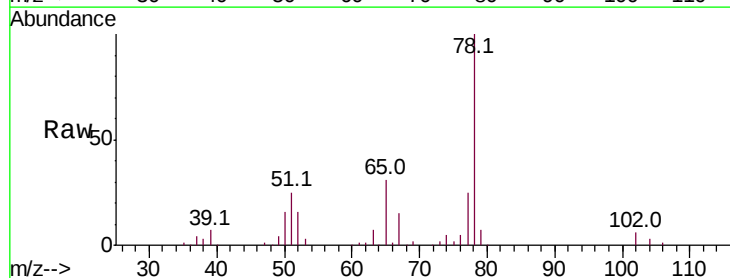
Instrument :
MSVOA_W
ClientSampled :

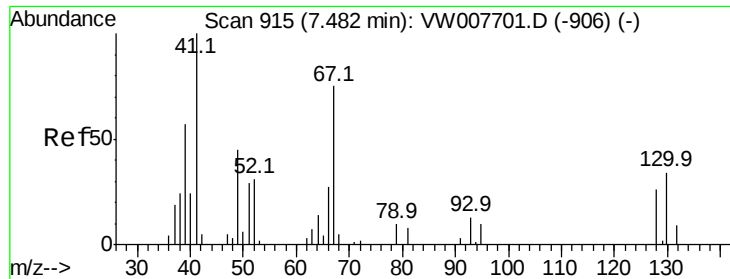
Tot Ion: 83 Resp: 35360
Ion Ratio Lower Upper
83 100
55 70.1 57.2 85.8
98 44.3 38.6 58.0



#40
Benzene
Concen: 22.312 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion: 78 Resp: 72510
Ion Ratio Lower Upper
78 100
77 25.1 18.7 28.1

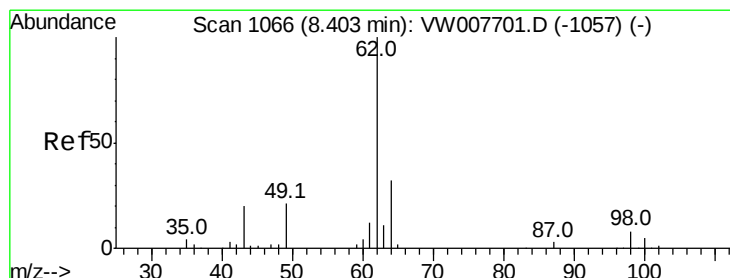
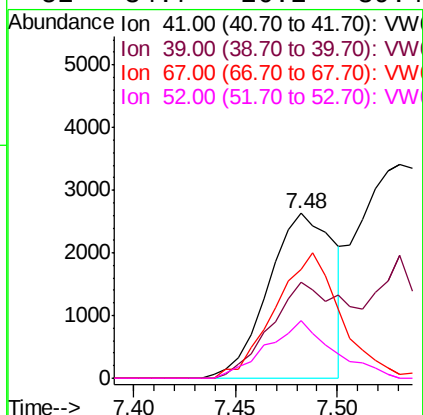
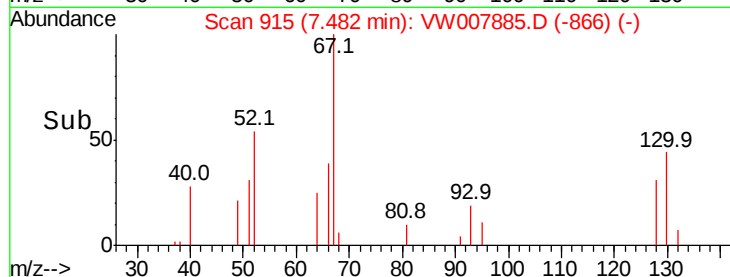
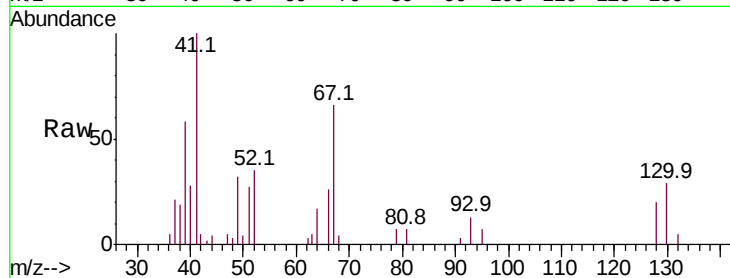




#41
Methacrylonitrile
Concen: 24.847 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

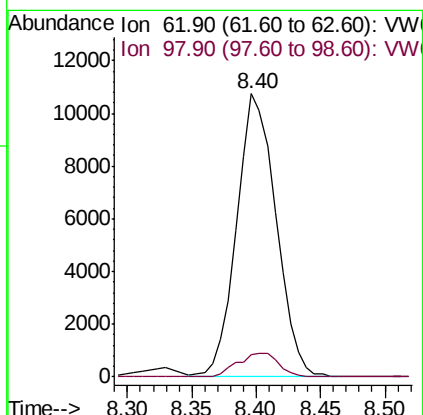
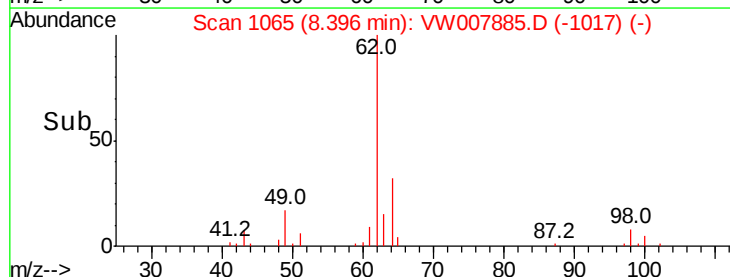
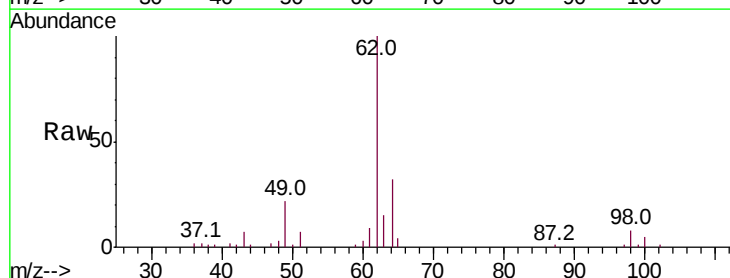
Instrument :
MSVOA_W
ClientSampled :

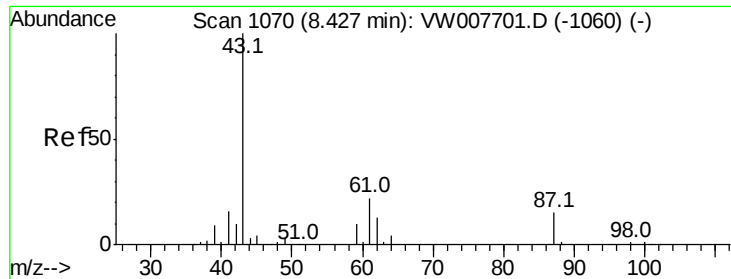
Tot Ion:	41	Resp:	5929
Ion	Ratio	Lower	Upper
41	100		
39	70.0	54.2	81.4
67	76.4	65.7	98.5
52	34.7	26.2	39.4



#42
1,2-Dichloroethane
Concen: 20.968 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion:	62	Resp:	22836
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 24.535 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

ClientSampleId :

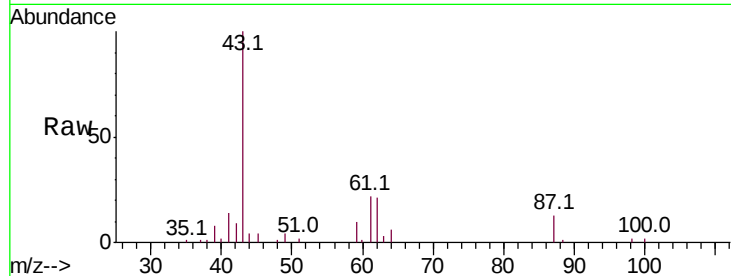
Tot Ion: 43 Resp: 20659

Ion Ratio Lower Upper

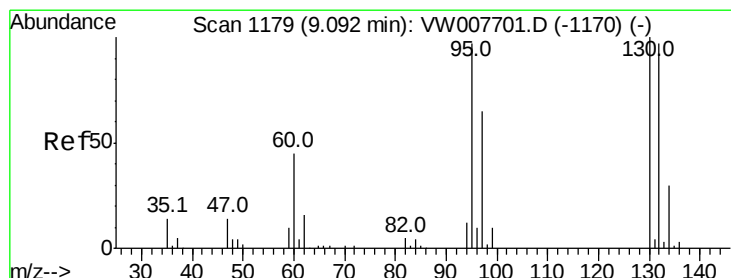
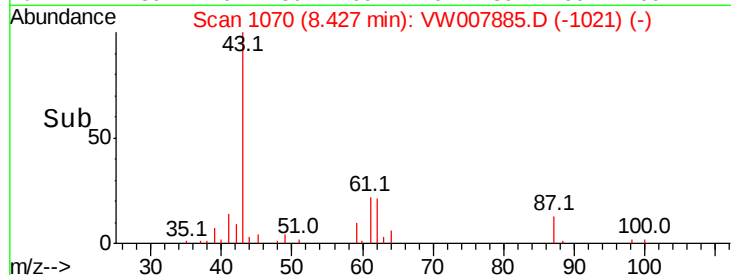
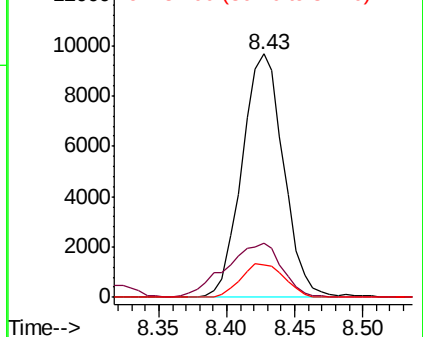
43 100

61 30.0 26.3 39.5

87 14.4 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: 21.359 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007885.D

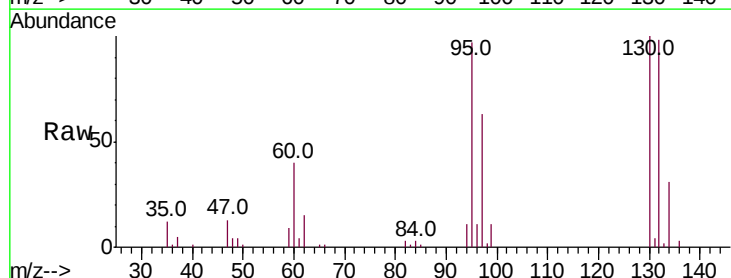
Acq: 24 Dec 2018 13:42

Tgt Ion:130 Resp: 20991

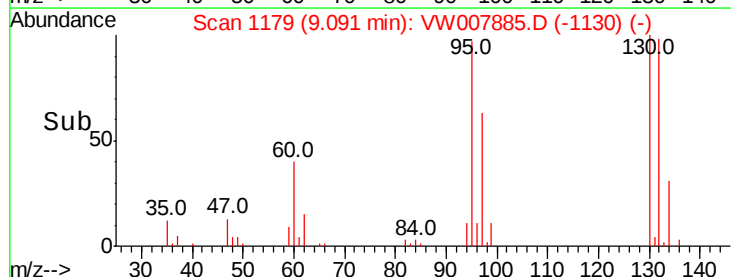
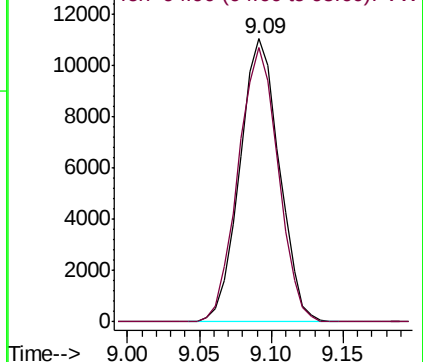
Ion Ratio Lower Upper

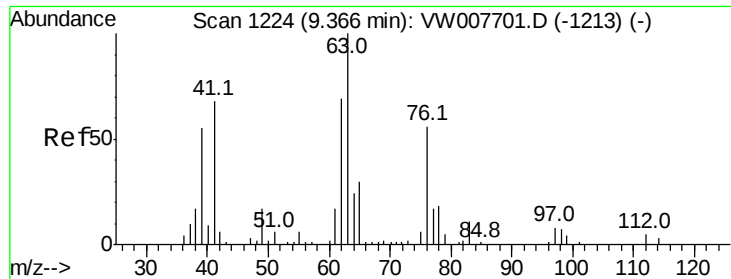
130 100

95 97.1 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: 23.327 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

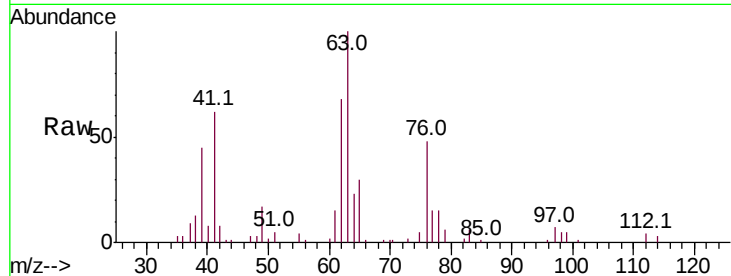
ClientSampled :

Tot Ion: 63 Resp: 16821

Ion Ratio Lower Upper

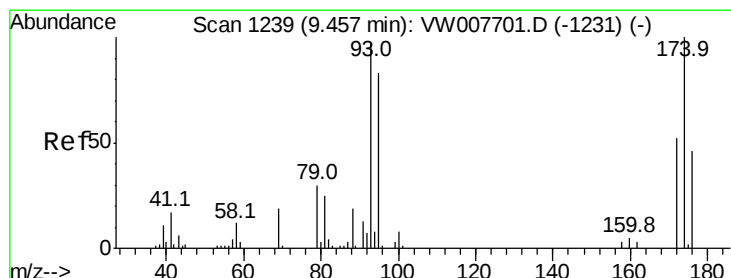
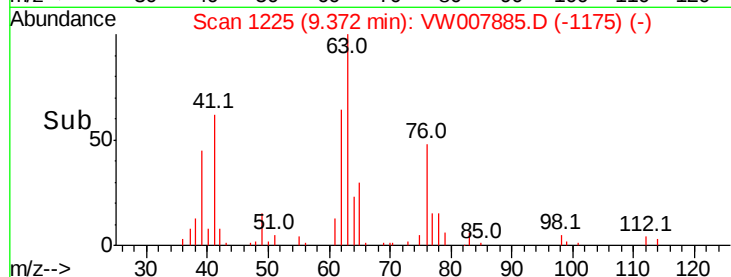
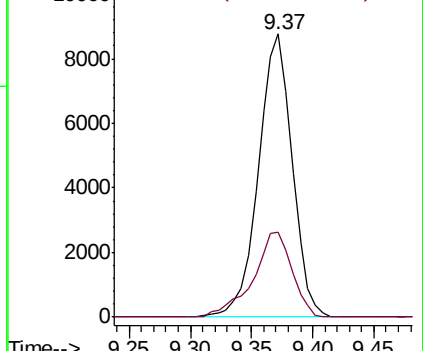
63 100

65 29.9 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: 21.138 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

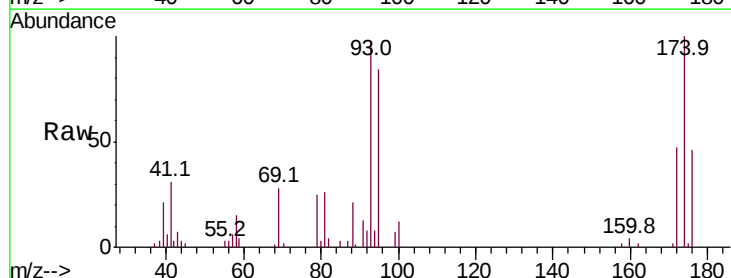
Tgt Ion: 93 Resp: 9383

Ion Ratio Lower Upper

93 100

95 83.5 67.5 101.3

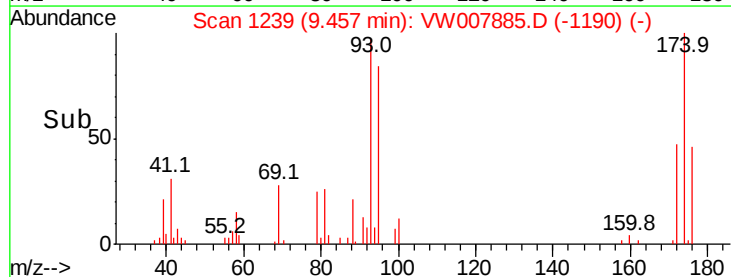
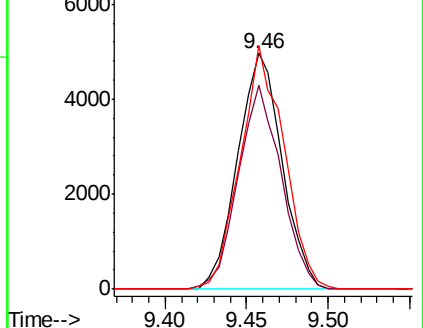
174 101.5 83.9 125.9

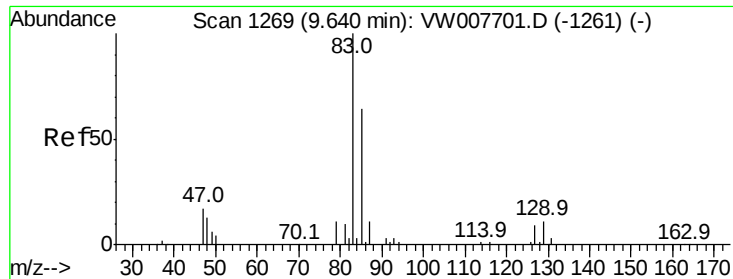


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.466 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

ClientSampleId :

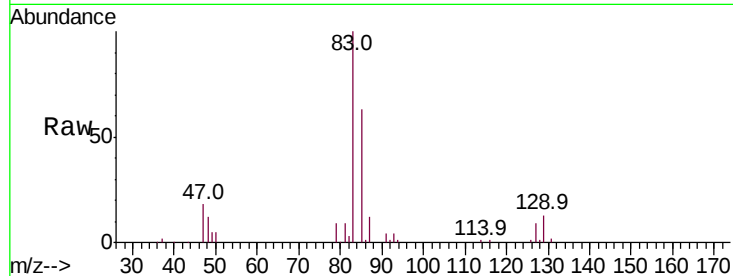
Tot Ion: 83 Resp: 23882

Ion Ratio Lower Upper

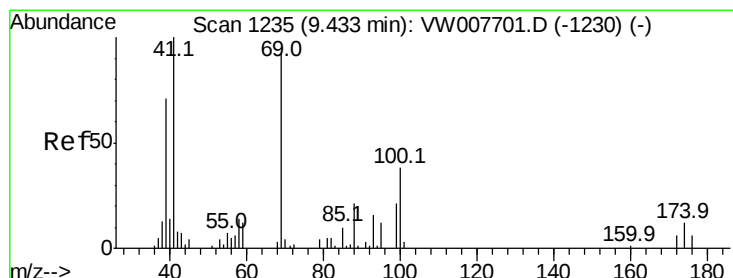
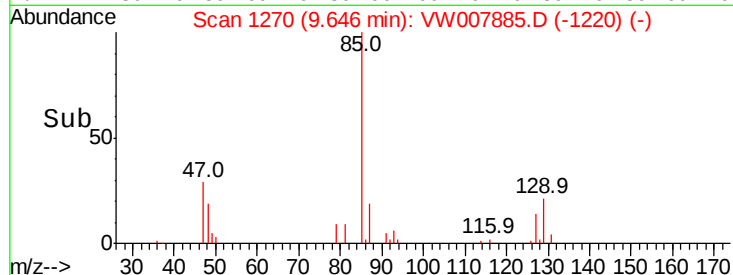
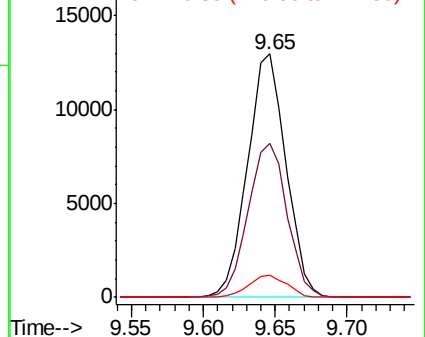
83 100

85 63.3 51.4 77.0

127 8.9 7.5 11.3



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



#48

Methyl methacrylate

Concen: 23.585 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

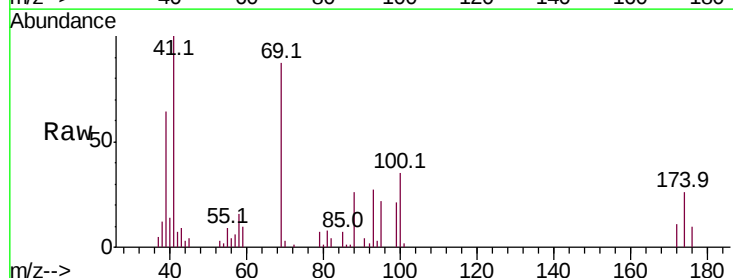
Tgt Ion: 41 Resp: 9913

Ion Ratio Lower Upper

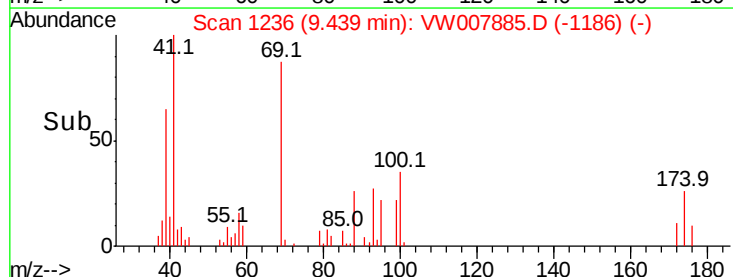
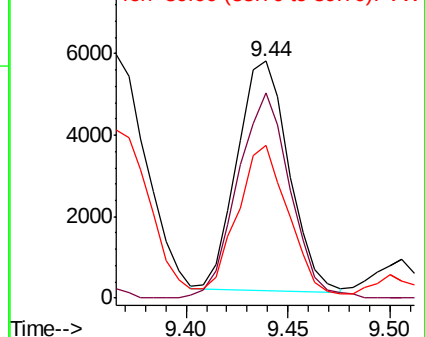
41 100

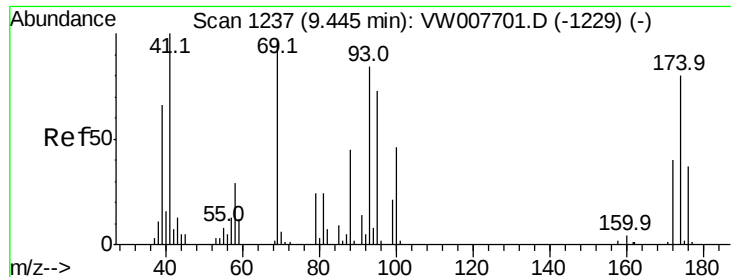
69 91.1 74.2 111.2

39 62.1 53.9 80.9



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





#49

1,4-Dioxane

Concen: 455.980 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :
MSVOA_W
ClientSampled :

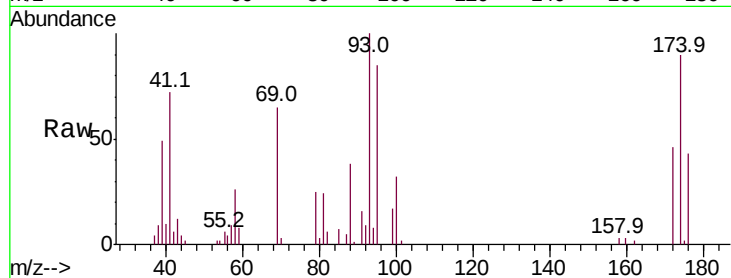
Tot Ion: 88 Resp: 3209

Ion Ratio Lower Upper

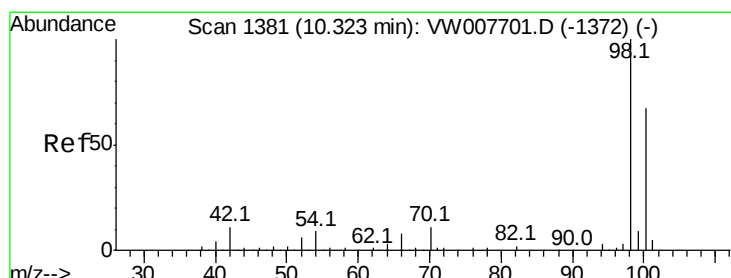
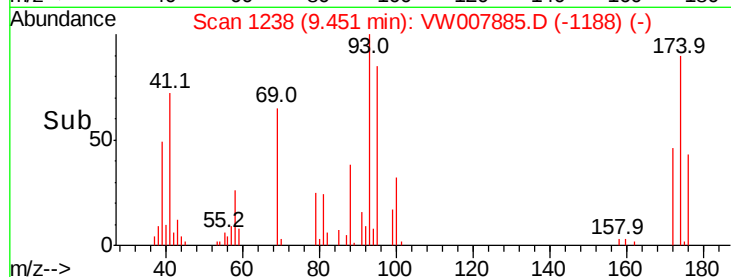
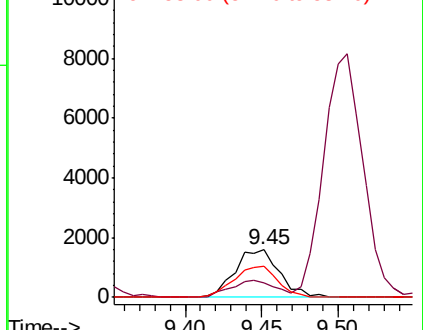
88 100

43 35.6 25.6 38.4

58 63.6 52.3 78.5



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



#50

Toluene-d8

Concen: 53.109 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007885.D

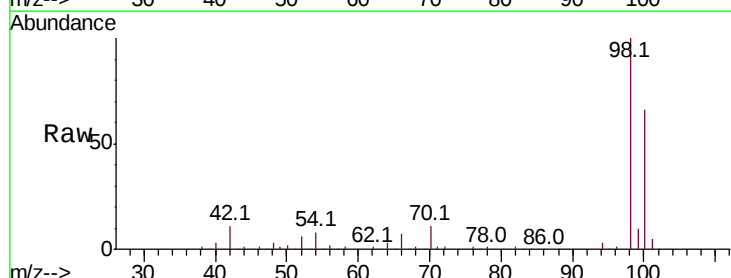
Acq: 24 Dec 2018 13:42

Tgt Ion: 98 Resp: 154114

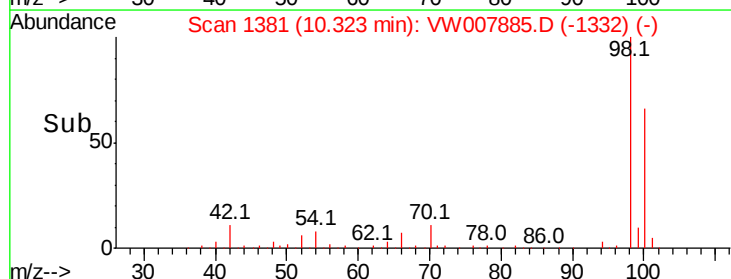
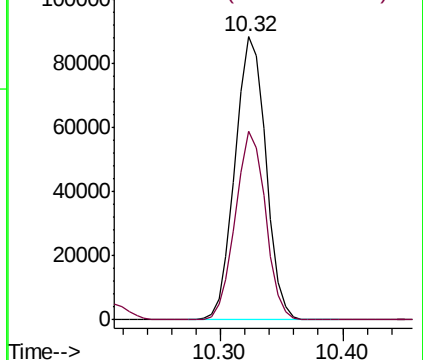
Ion Ratio Lower Upper

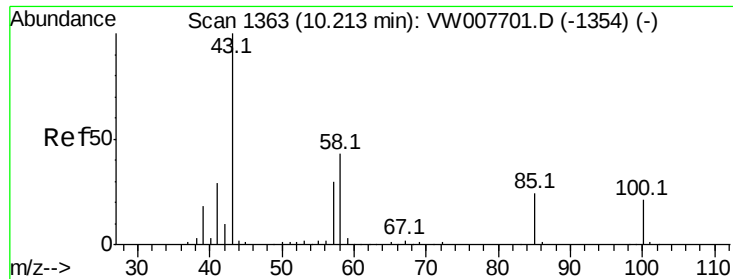
98 100

100 65.1 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 123.945 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

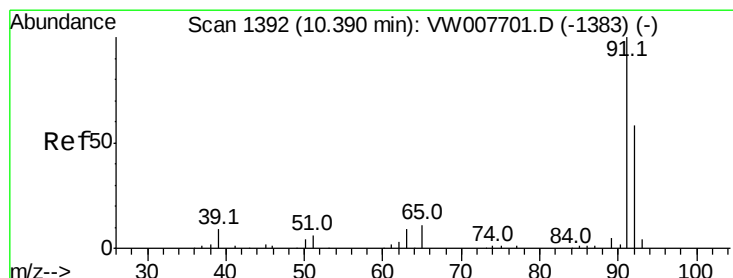
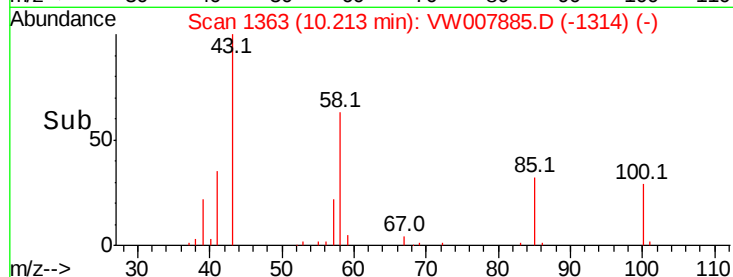
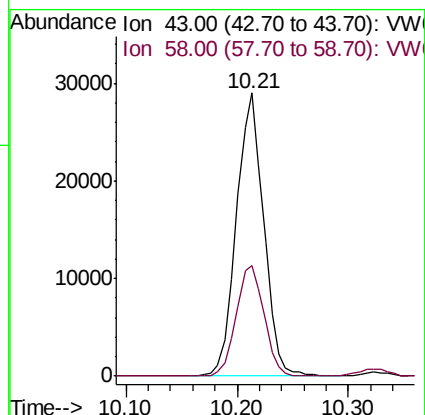
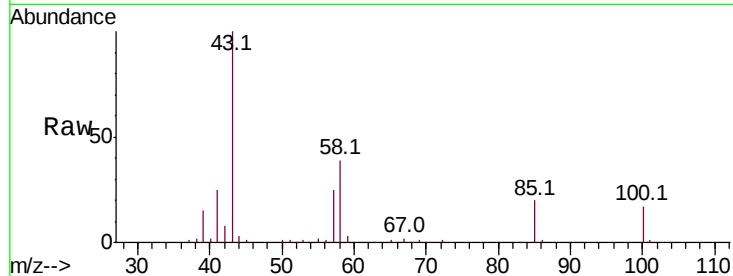
ClientSampled :

Tot Ion: 43 Resp: 49323

Ion Ratio Lower Upper

43 100

58 39.7 33.2 49.8



#52

Toluene

Concen: 22.109 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007885.D

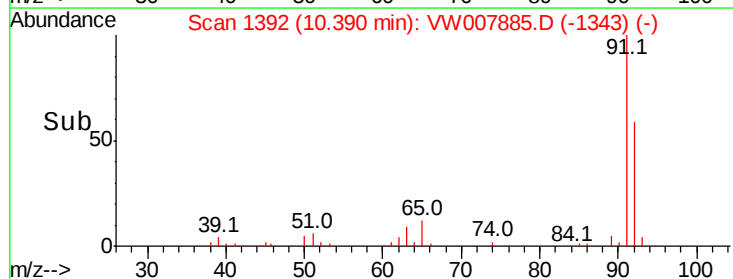
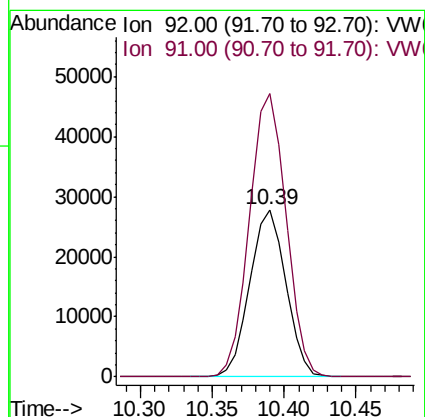
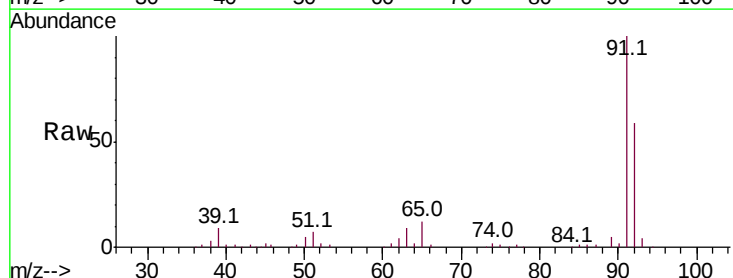
Acq: 24 Dec 2018 13:42

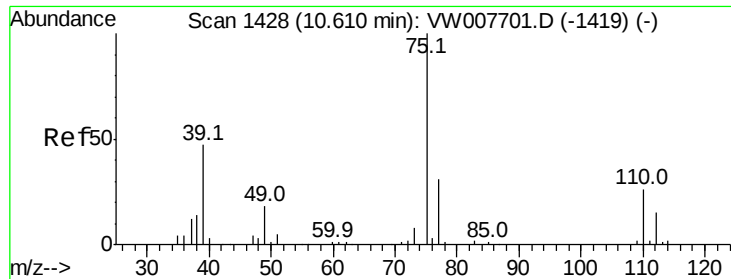
Tgt Ion: 92 Resp: 48205

Ion Ratio Lower Upper

92 100

91 172.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 21.734 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

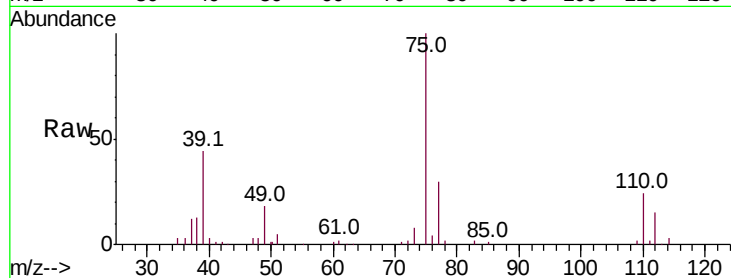
ClientSampleId :

Tot Ion: 75 Resp: 25227

Ion Ratio Lower Upper

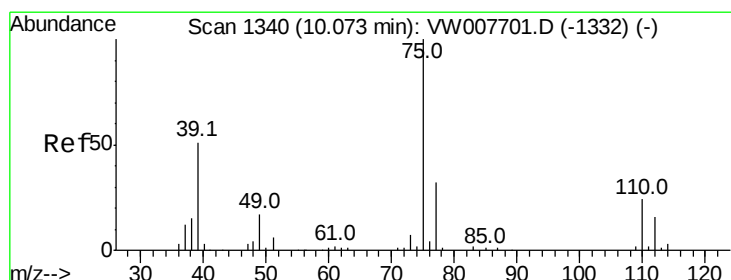
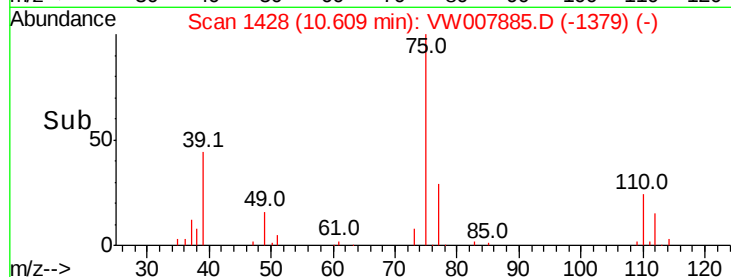
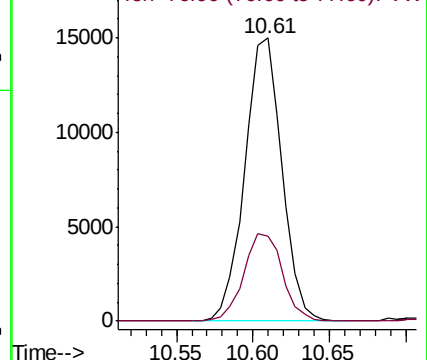
75 100

77 29.9 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: 22.257 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

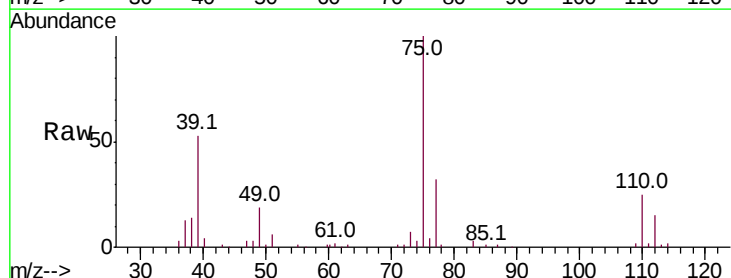
Tgt Ion: 75 Resp: 28535

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

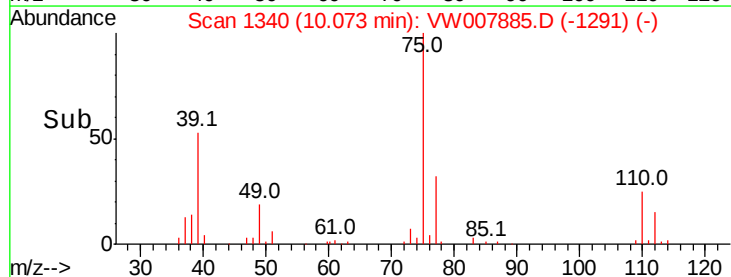
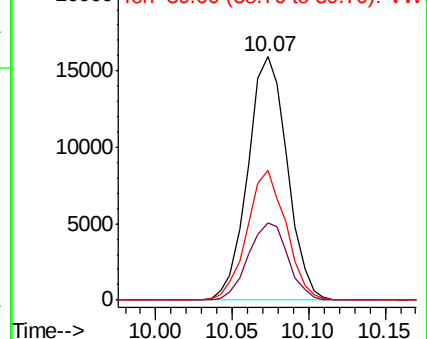
39 53.2 41.2 61.8

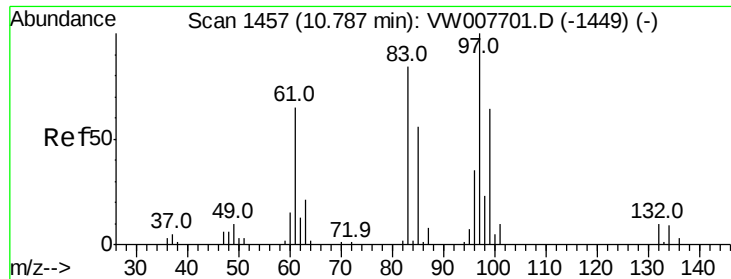


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

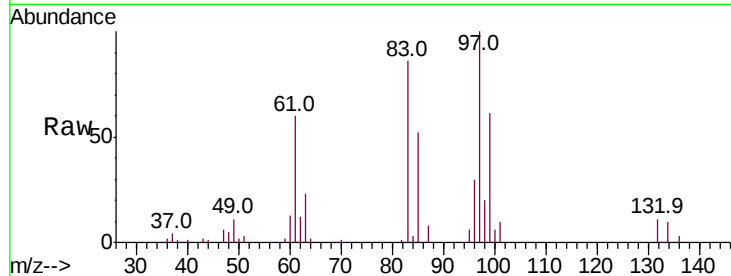




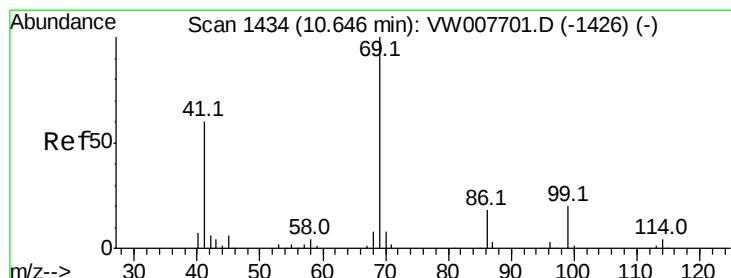
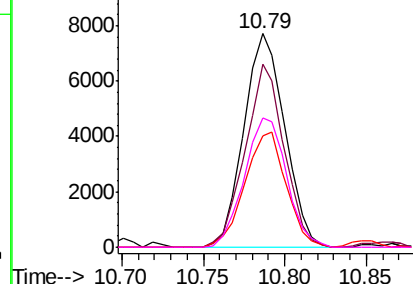
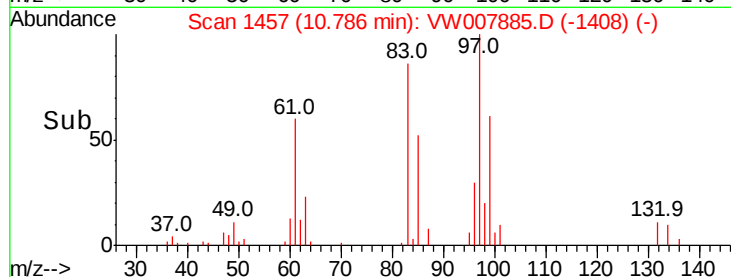
#55
 1,1,2-Trichloroethane
 Concen: 22.009 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	13468
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.5	101.3
85	51.9	44.8	67.2
99	60.8	51.0	76.4

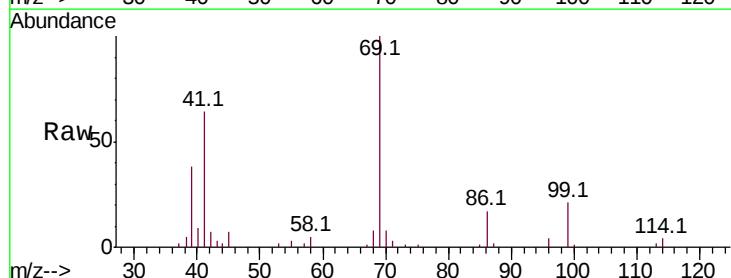


Abundance Ion 96.90 (96.60 to 97.60): VW
 12000 Ion 82.90 (82.60 to 83.60): VW
 10000 Ion 84.90 (84.60 to 85.60): VW
 8000 Ion 98.90 (98.60 to 99.60): VW

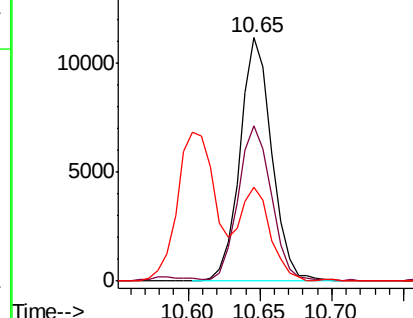
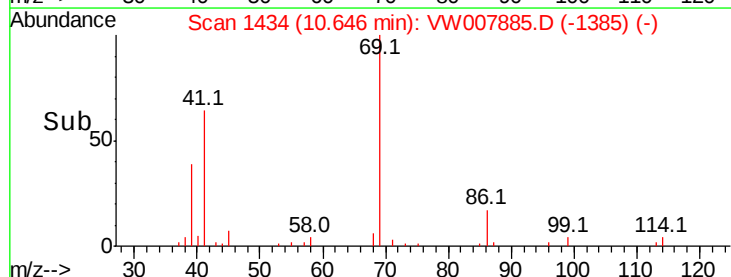


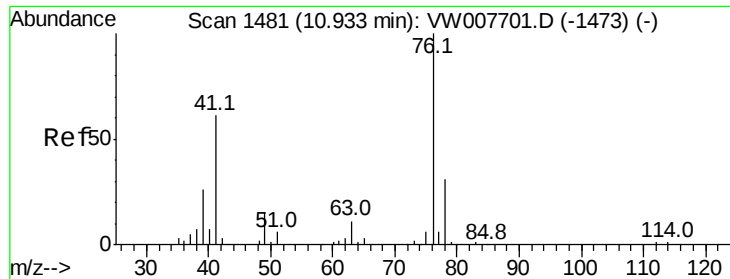
#56
 Ethyl methacrylate
 Concen: 23.636 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion:	69	Resp:	17089
Ion	Ratio	Lower	Upper
69	100		
41	67.3	48.9	73.3
39	37.2	31.3	46.9



Abundance Ion 69.00 (68.70 to 69.70): VW
 15000 Ion 41.00 (40.70 to 41.70): VW
 10000 Ion 39.00 (38.70 to 39.70): VW

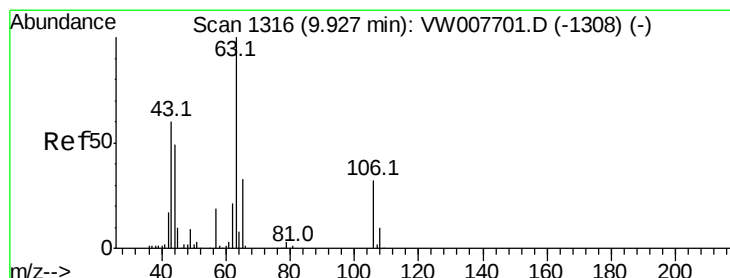
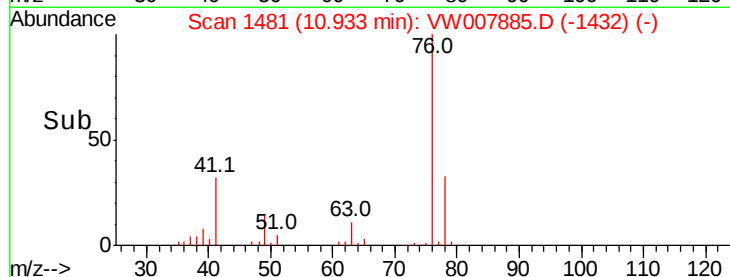
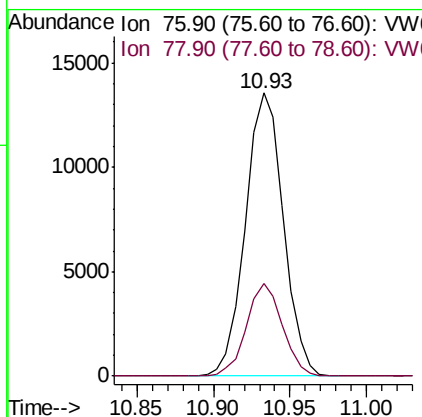
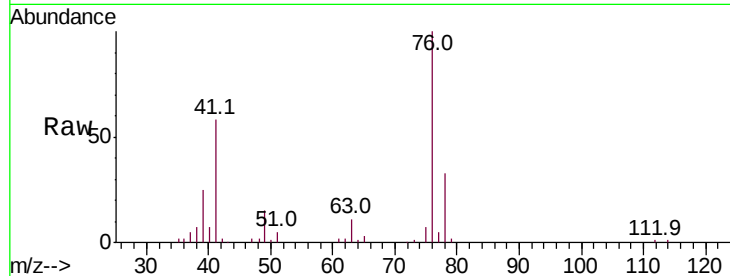




#57
 1,3-Dichloropropane
 Concen: 23.037 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

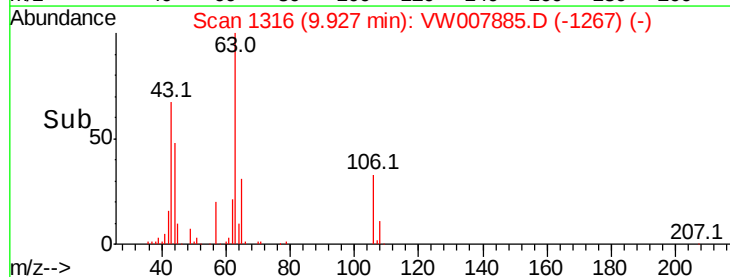
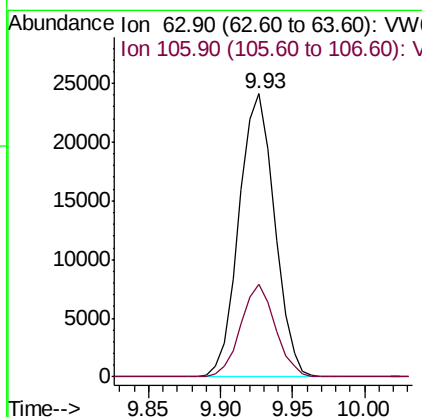
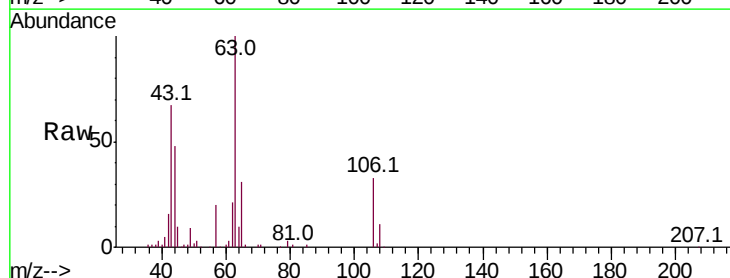
Instrument :
 MSVOA_W
 ClientSampled :

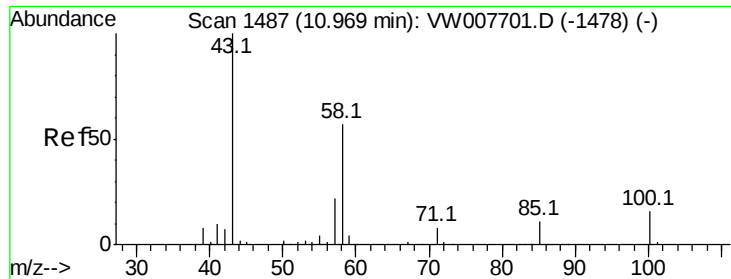
Tot Ion: 76 Resp: 23409
 Ion Ratio Lower Upper
 76 100
 78 31.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 125.500 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion: 63 Resp: 41428
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.9 38.9





#59

2-Hexanone

Concen: 128.081 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

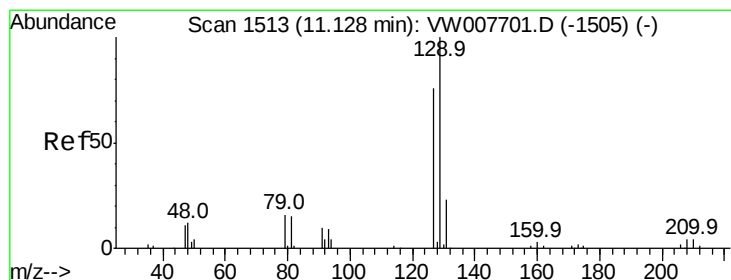
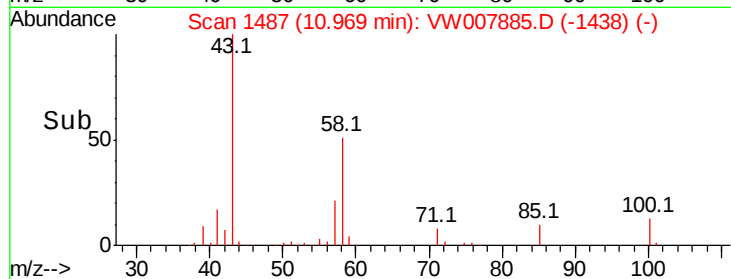
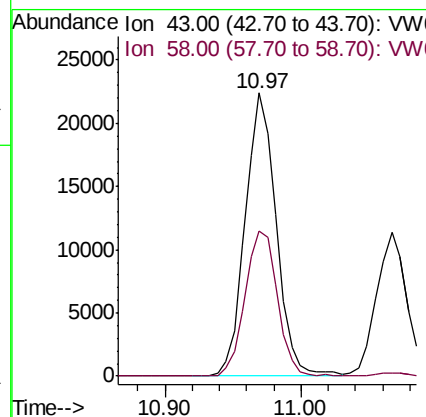
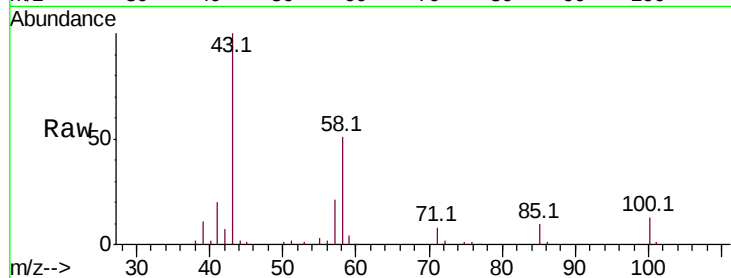
ClientSampleId :

Tot Ion: 43 Resp: 35845

Ion Ratio Lower Upper

43 100

58 53.3 27.7 83.1



#60

Dibromochloromethane

Concen: 19.279 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007885.D

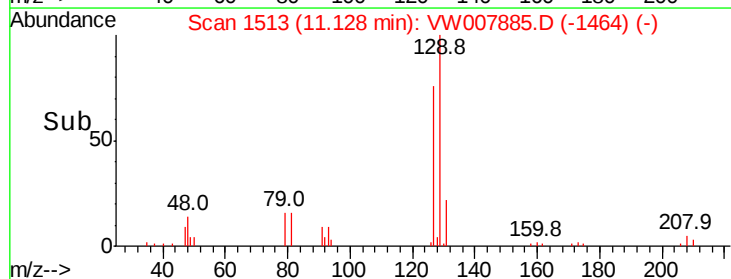
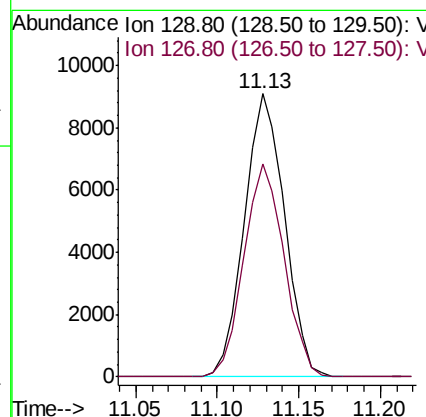
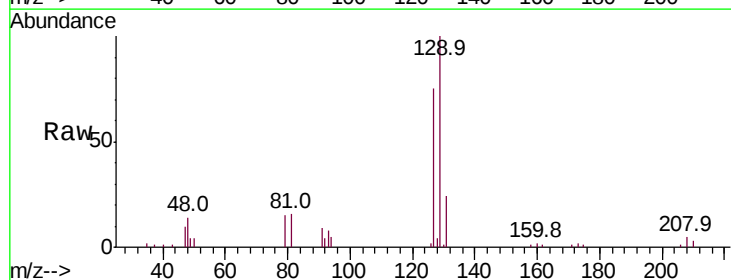
Acq: 24 Dec 2018 13:42

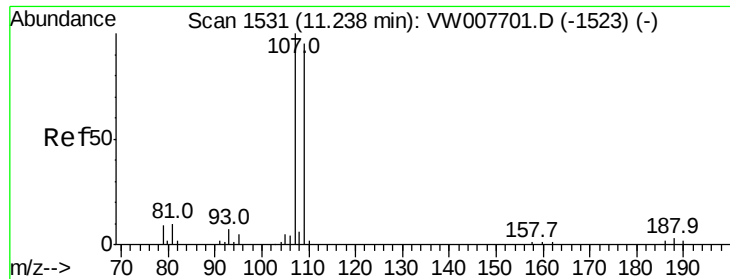
Tgt Ion: 129 Resp: 15621

Ion Ratio Lower Upper

129 100

127 75.5 38.3 114.9

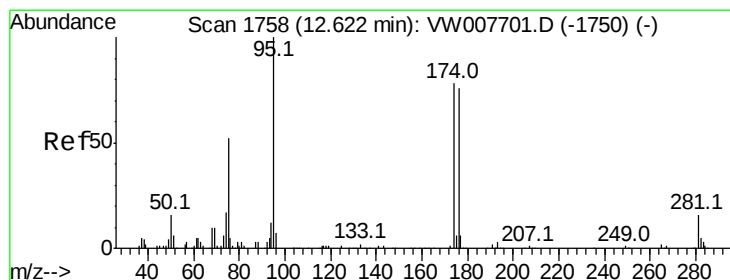
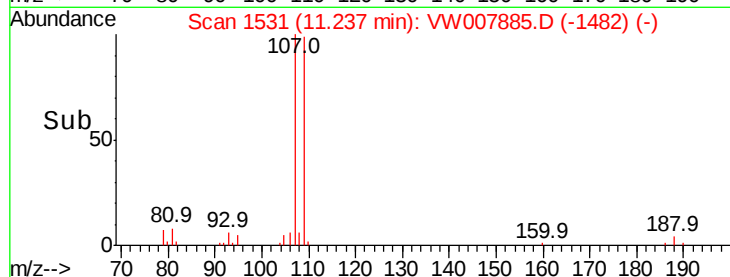
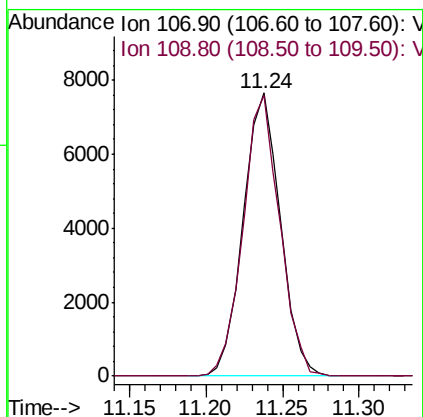
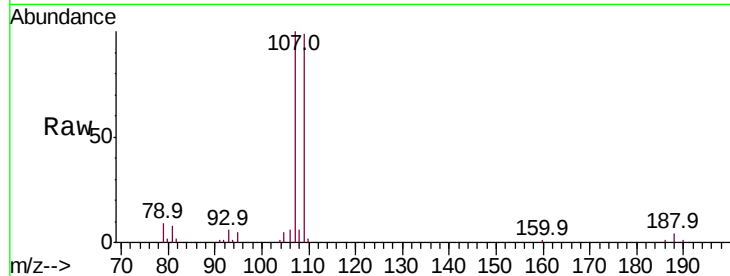




#61
 1,2-Dibromoethane
 Concen: 20.836 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

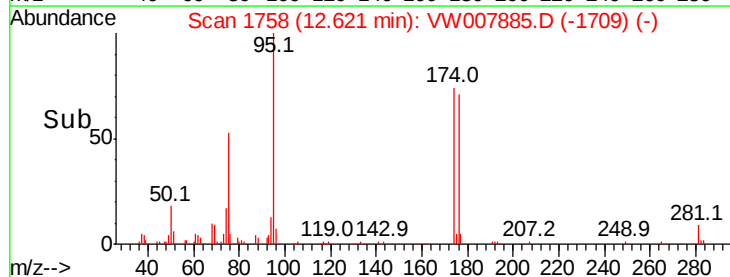
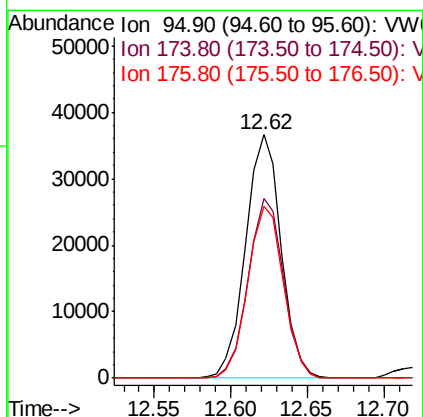
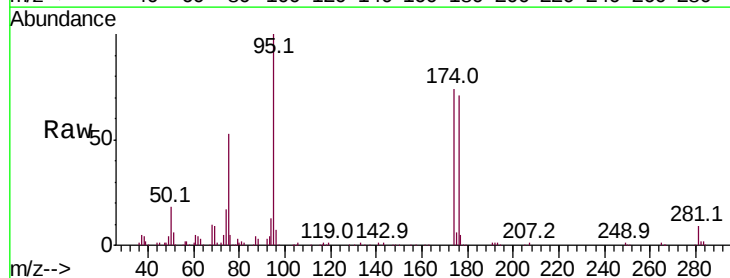
Instrument :
 MSVOA_W
 ClientSampleId :

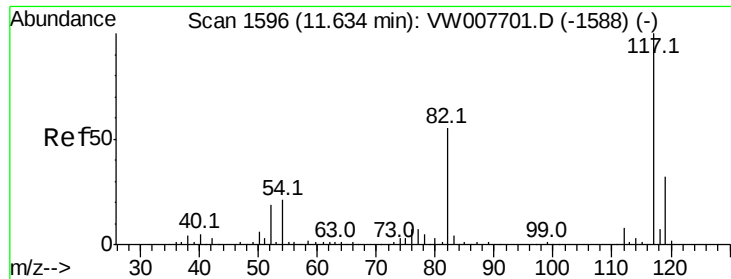
Tot Ion:107 Resp: 12912
 Ion Ratio Lower Upper
 107 100
 109 97.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.568 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion: 95 Resp: 58931
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 152.2
 176 71.2 0.0 146.8

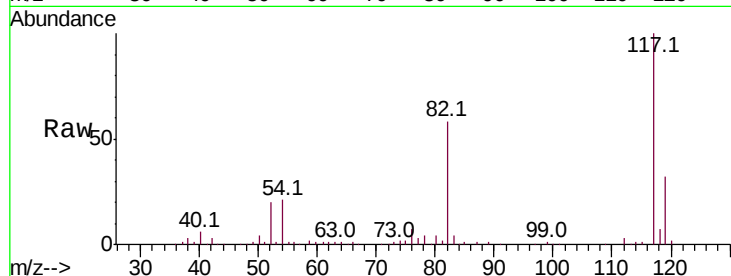




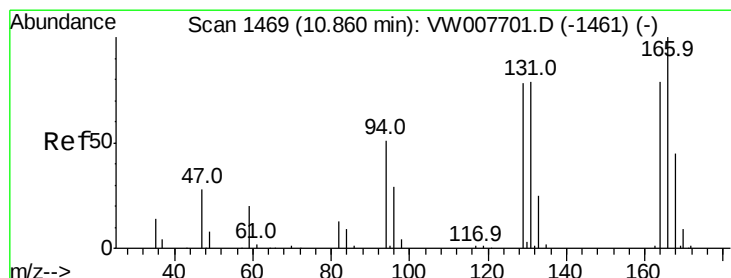
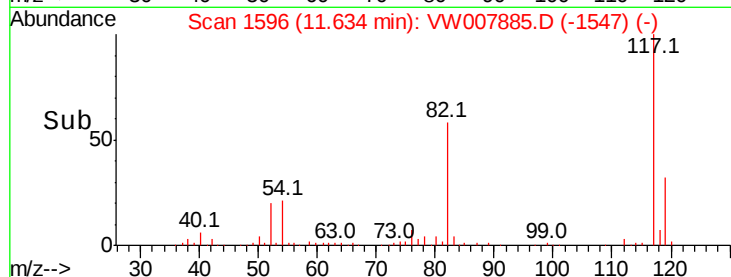
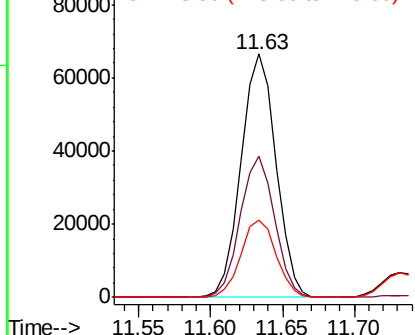
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 111787
Ion Ratio Lower Upper
117 100
82 57.8 44.3 66.5
119 31.6 25.7 38.5

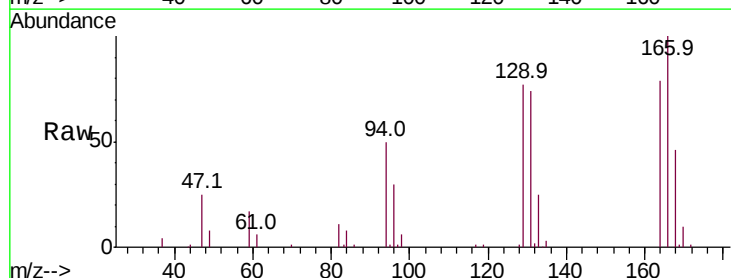


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

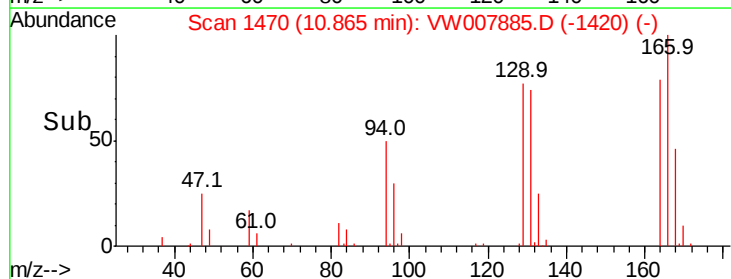
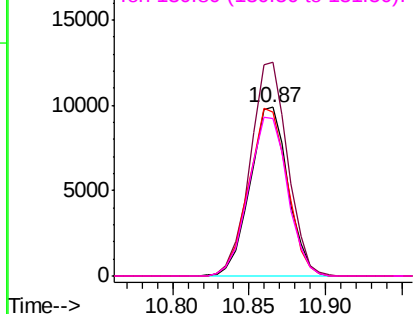


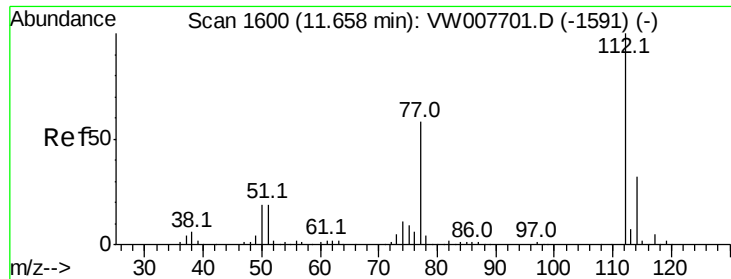
#64
Tetrachloroethene
Concen: 21.535 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion:164 Resp: 17047
Ion Ratio Lower Upper
164 100
166 126.8 101.0 151.6
129 97.6 78.7 118.1
131 93.8 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

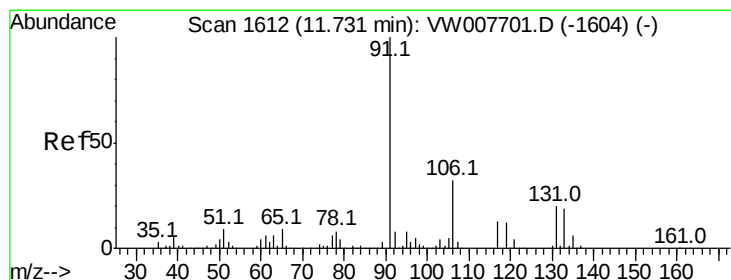
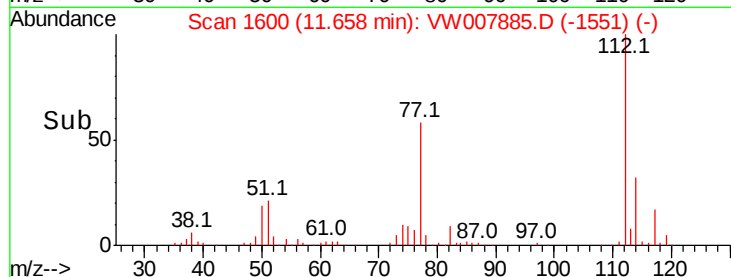
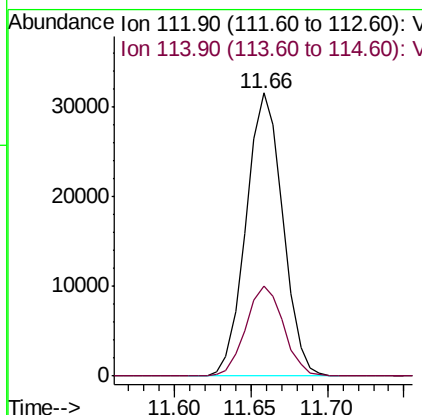
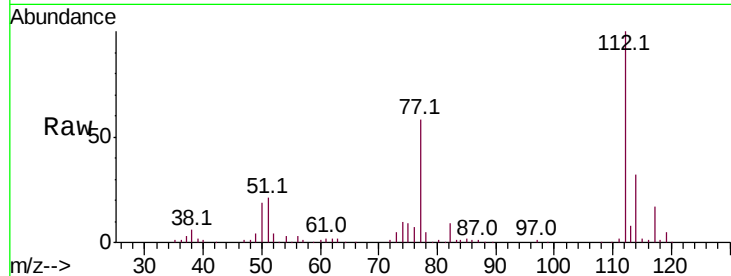




#65
Chlorobenzene
Concen: 21.827 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

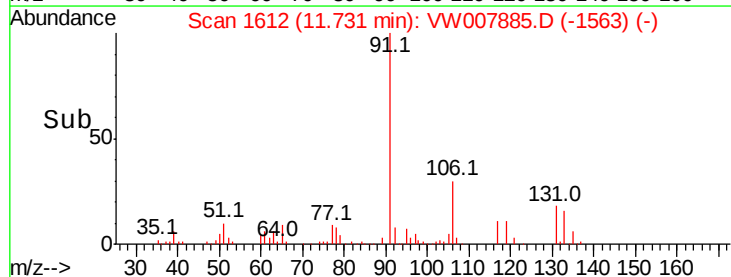
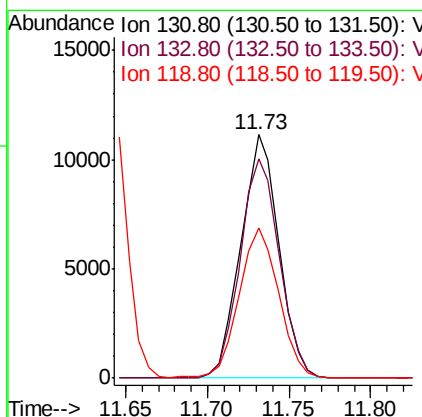
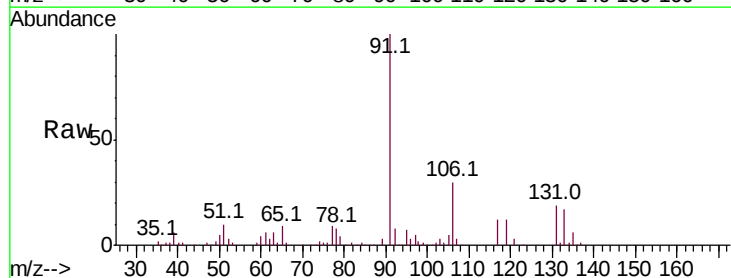
Instrument :
MSVOA_W
ClientSampleId :

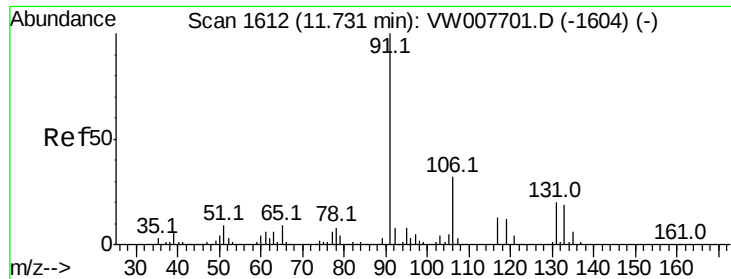
Tot Ion:112 Resp: 52811
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.960 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion:131 Resp: 18121
Ion Ratio Lower Upper
131 100
133 93.0 47.5 142.5
119 64.2 30.2 90.6

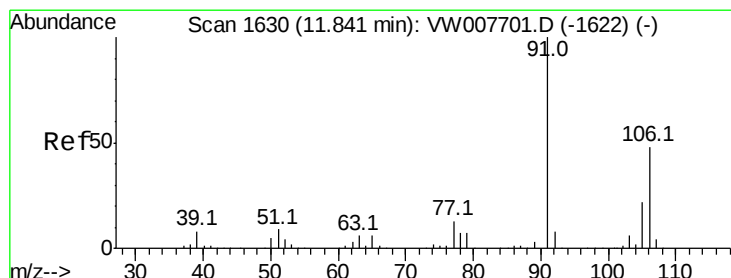
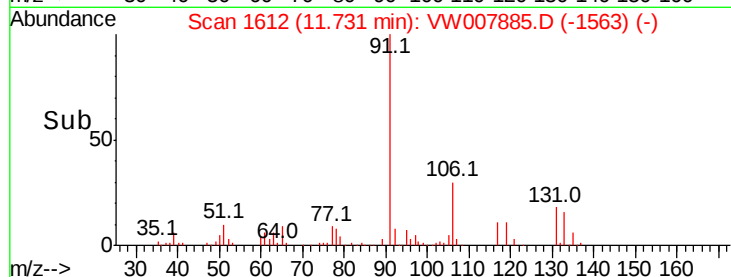
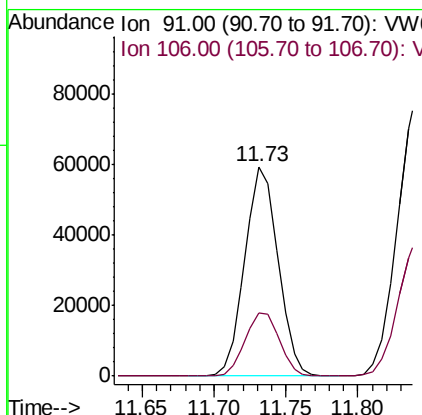
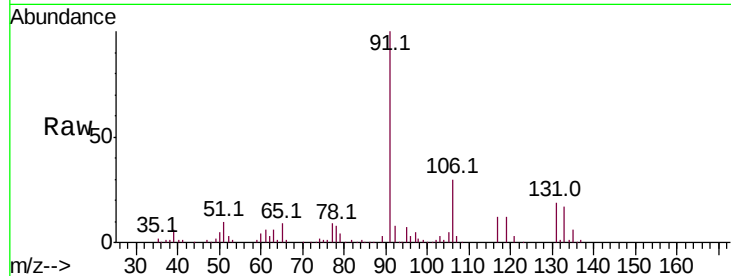




#67
Ethyl Benzene
Concen: 22.904 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

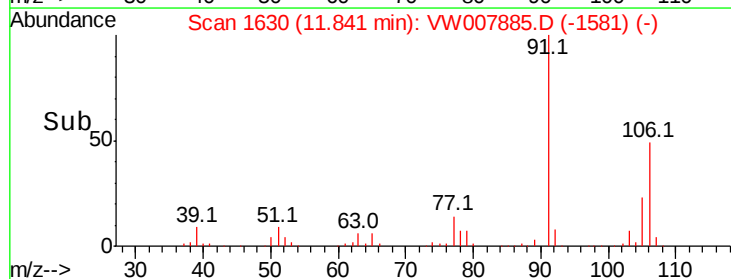
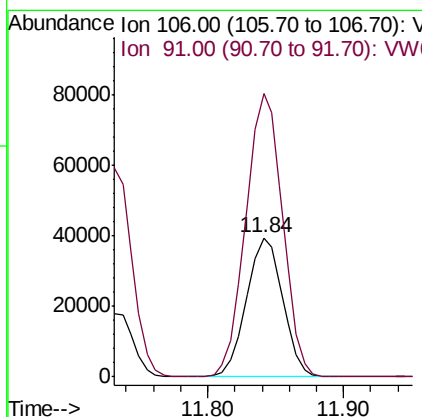
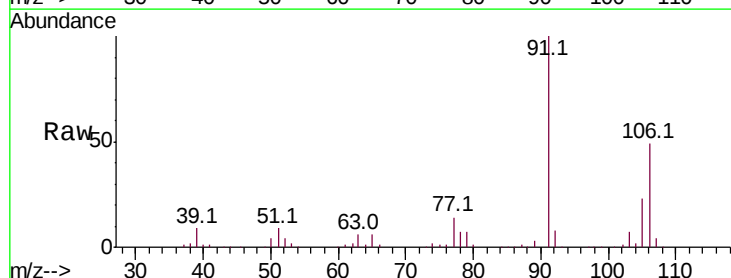
Instrument :
MSVOA_W
ClientSampled :

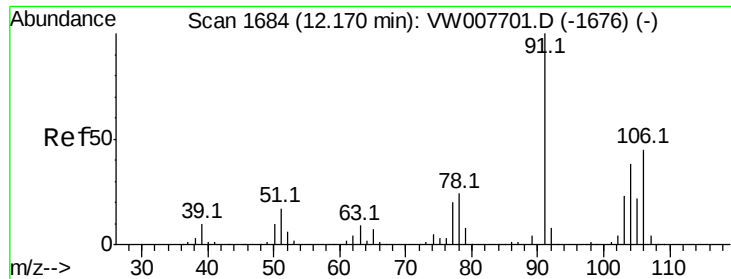
Tot Ion: 91 Resp: 95097
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.8



#68
m/p-Xylenes
Concen: 45.781 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion:106 Resp: 73735
Ion Ratio Lower Upper
106 100
91 207.3 165.2 247.8

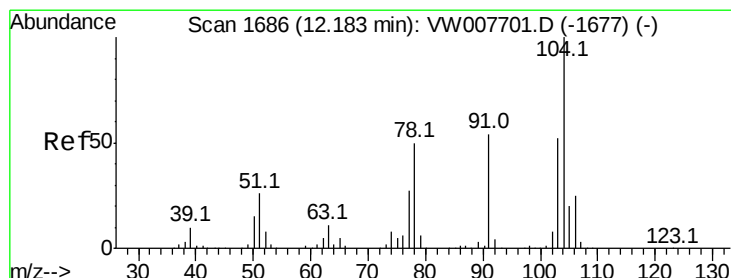
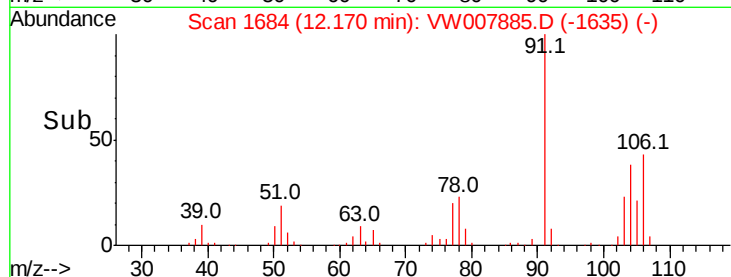
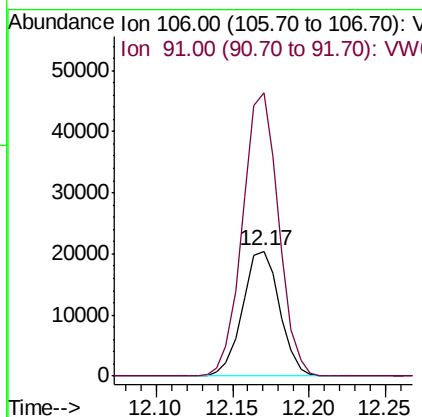
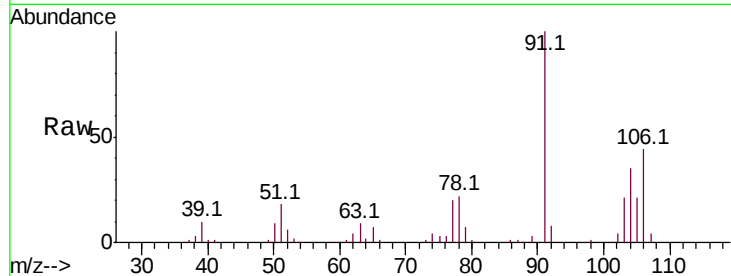




#69
o-Xylene
Concen: 22.786 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

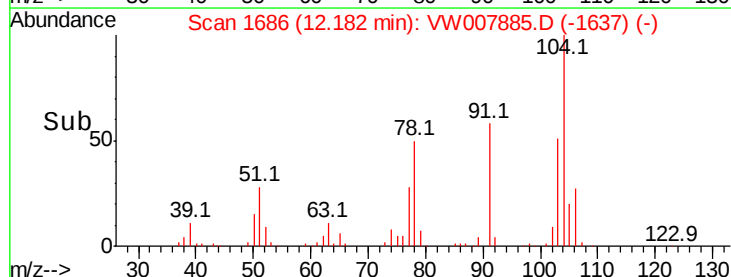
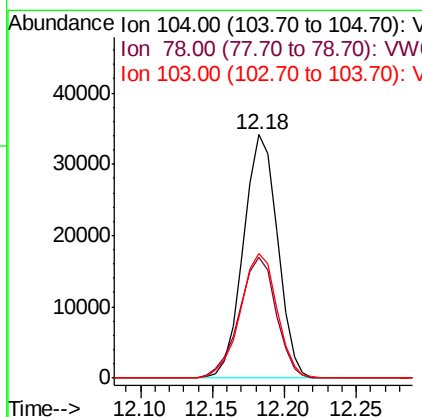
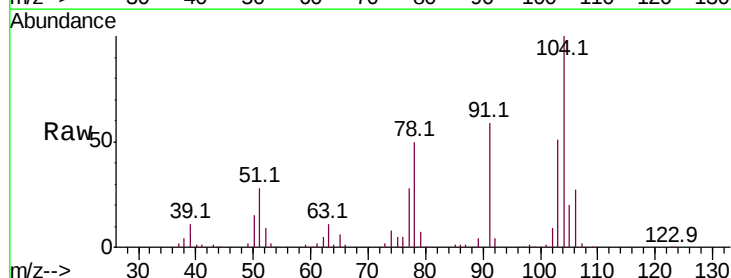
Instrument :
MSVOA_W
ClientSampled :

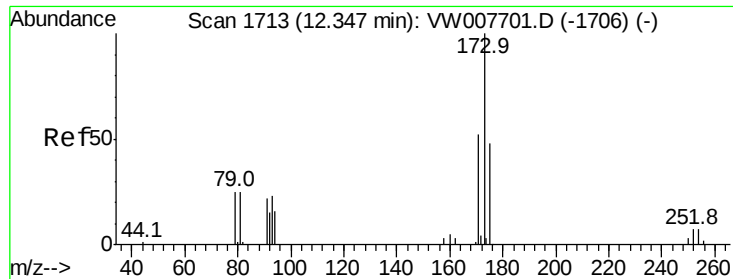
Tot Ion:106 Resp: 34401
Ion Ratio Lower Upper
106 100
91 220.4 110.5 331.4



#70
Styrene
Concen: 22.594 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion:104 Resp: 56072
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 55.1 44.5 66.7





#71

Bromoform

Concen: 18.133 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

ClientSampleId :

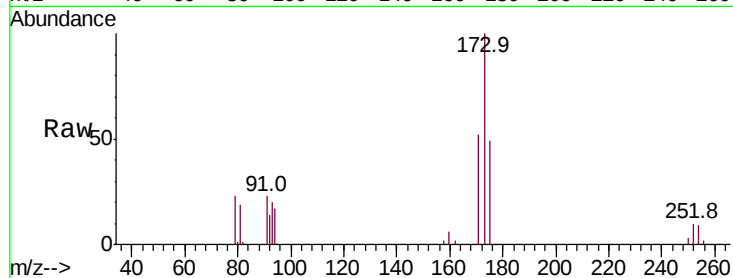
Tot Ion:173 Resp: 8138

Ion Ratio Lower Upper

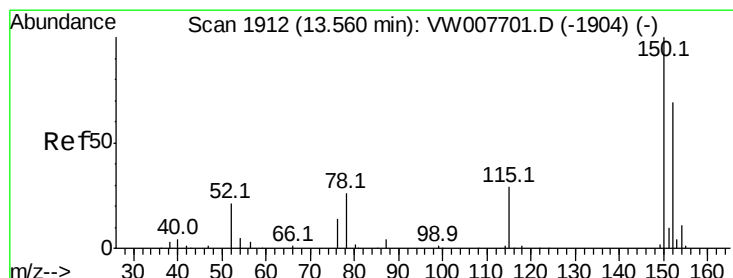
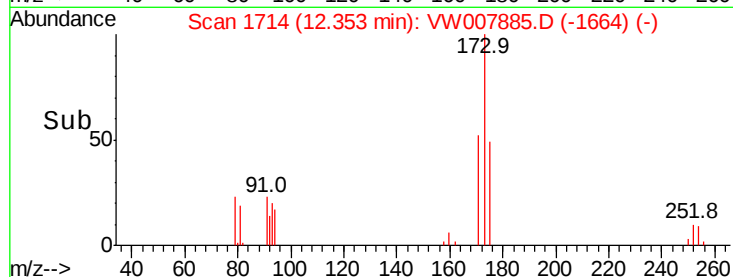
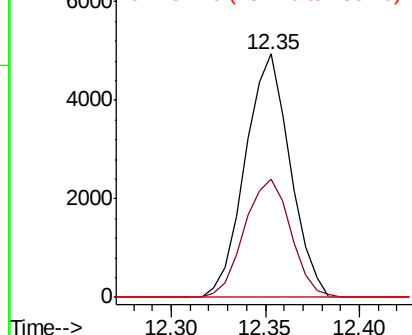
173 100

175 50.4 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: VW007885.D

Acq: 24 Dec 2018 13:42

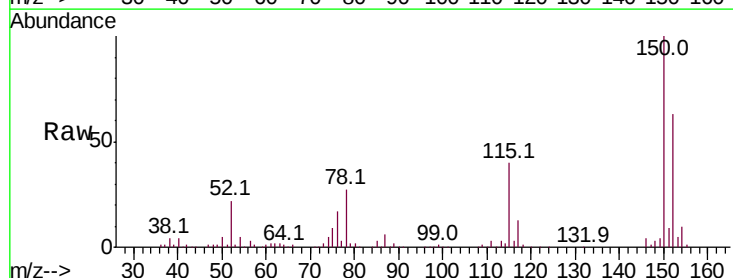
Tgt Ion:152 Resp: 57405

Ion Ratio Lower Upper

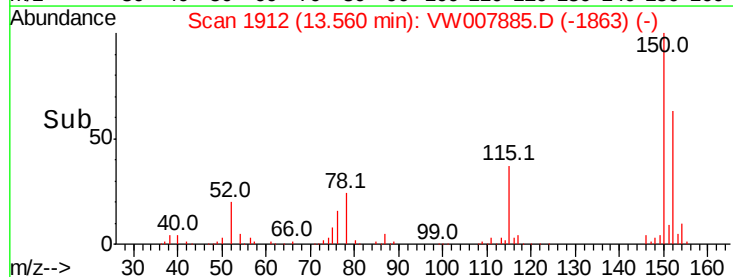
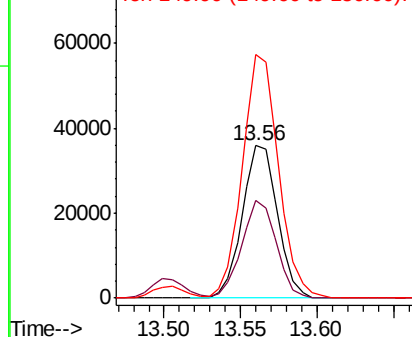
152 100

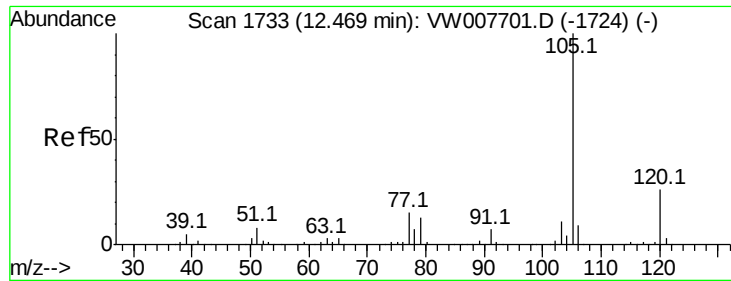
115 62.6 31.8 95.4

150 164.3 0.0 350.8



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





#73

Isopropylbenzene

Concen: 22.766 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

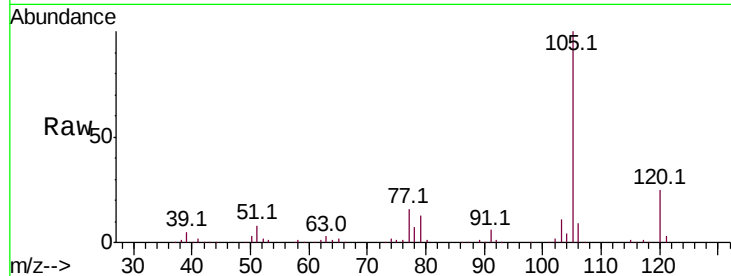
ClientSampleId :

Tot Ion:105 Resp: 98786

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

60000

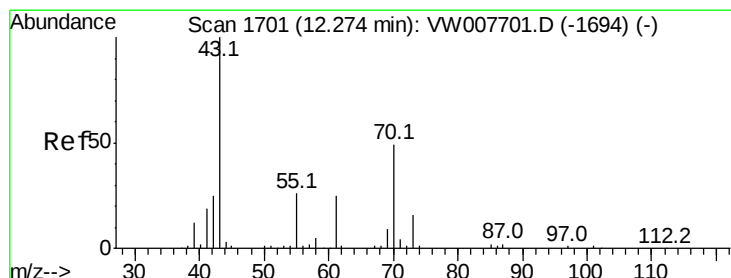
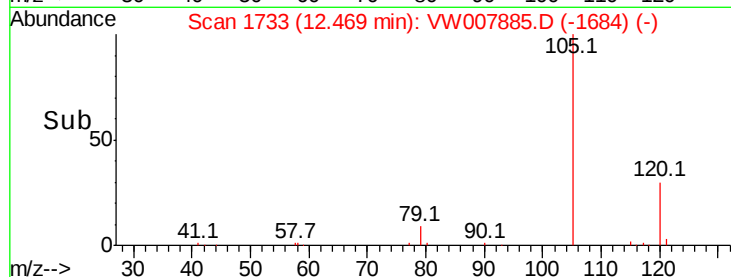
40000

20000

0

Time-->

12.40 12.45 12.50



#74

N-ethyl acetate

Concen: 25.284 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Tgt Ion: 43 Resp: 19004

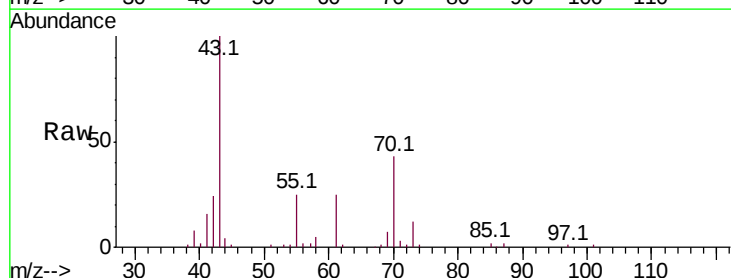
Ion Ratio Lower Upper

43 100

70 43.3 37.6 56.4

55 24.6 21.7 32.5

61 25.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

20000

15000

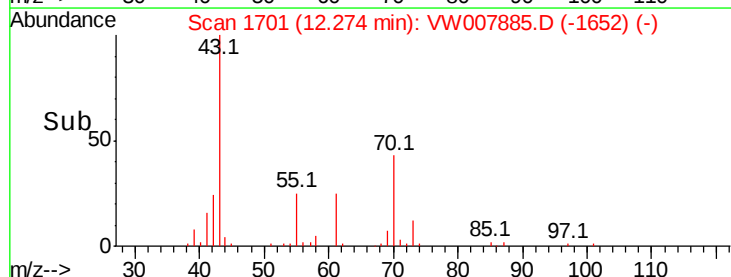
10000

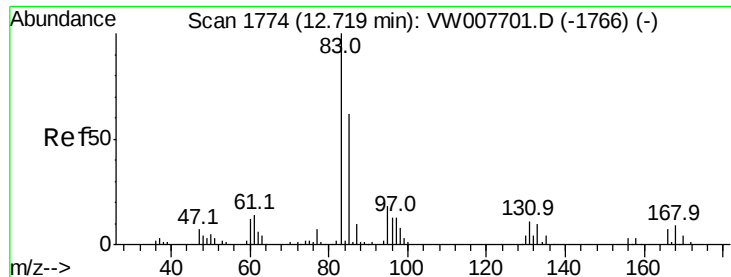
5000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 22.352 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

ClientSampleId :

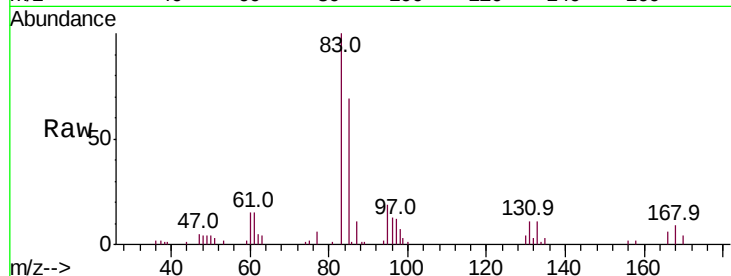
Tot Ion: 83 Resp: 14542

Ion Ratio Lower Upper

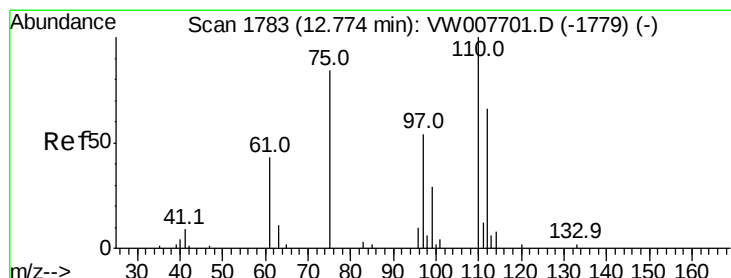
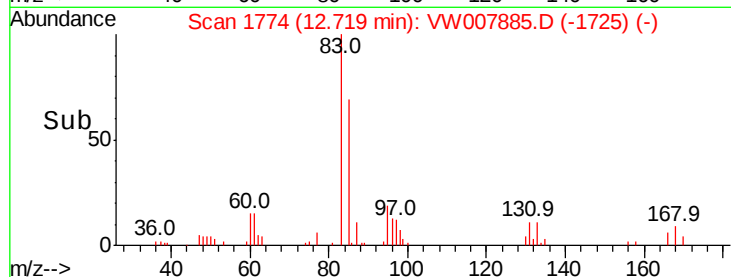
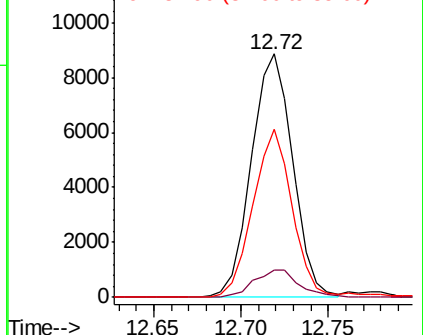
83 100

131 12.4 6.3 18.8

85 67.0 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: 20.219 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.02 min

Lab File: VW007885.D

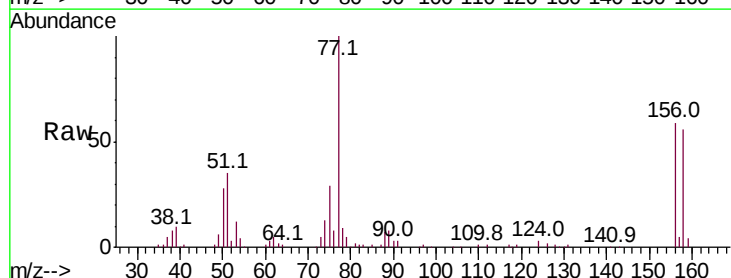
Acq: 24 Dec 2018 13:42

Tgt Ion: 75 Resp: 8971

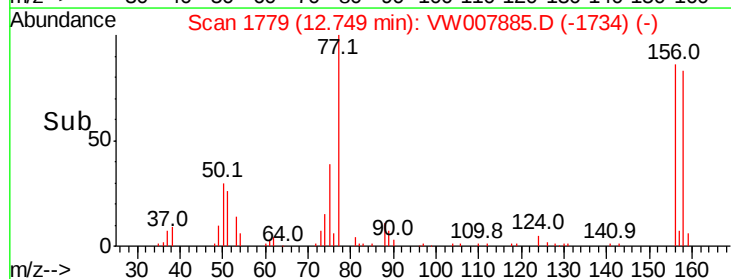
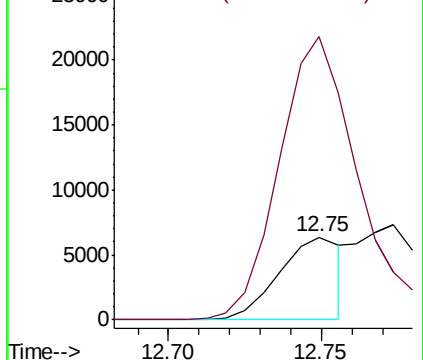
Ion Ratio Lower Upper

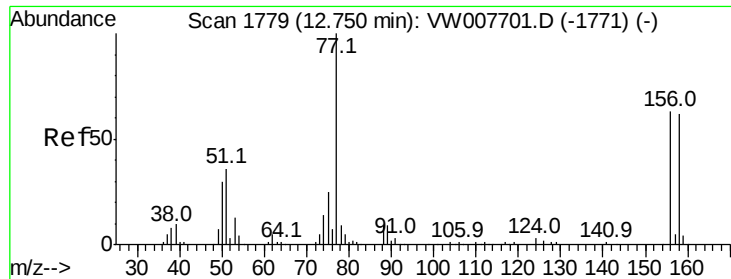
75 100

77 440.9 0.0 0.0#



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





#77

Bromobenzene

Concen: 21.058 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

ClientSampled :

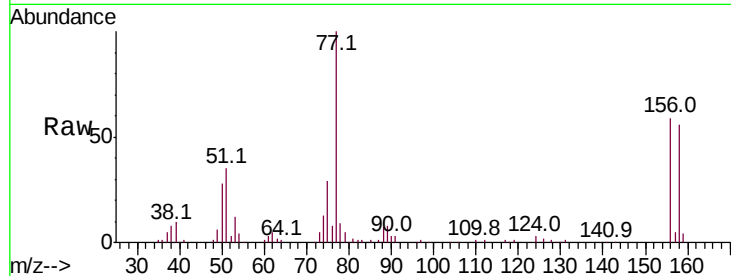
Tot Ion:156 Resp: 20941

Ion Ratio Lower Upper

156 100

77 188.9 87.4 262.1

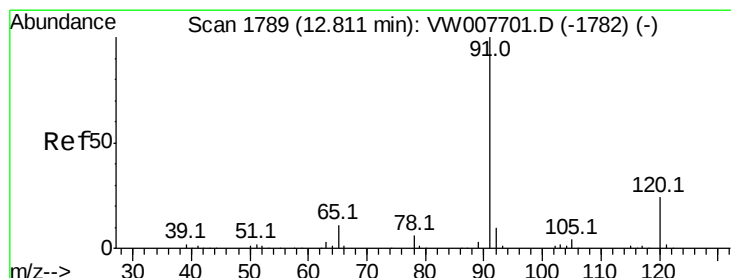
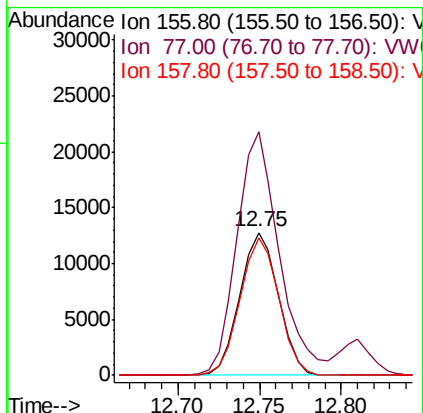
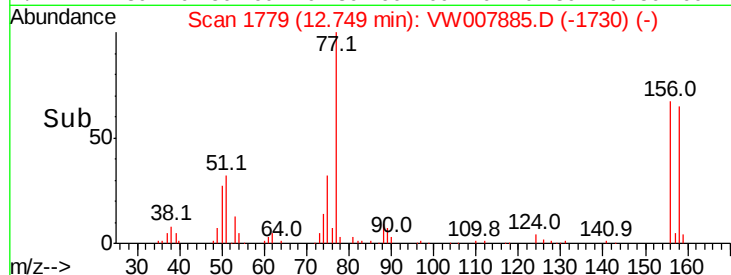
158 96.9 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.692 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007885.D

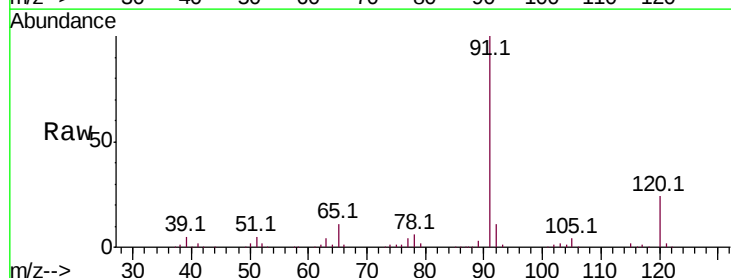
Acq: 24 Dec 2018 13:42

Tgt Ion: 91 Resp: 114618

Ion Ratio Lower Upper

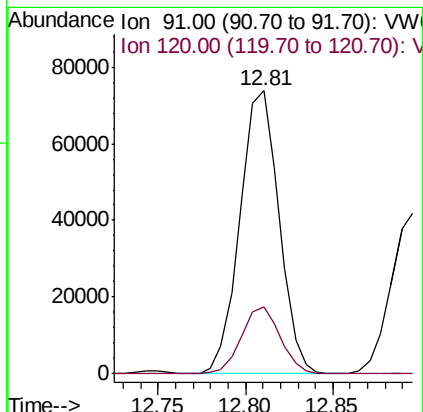
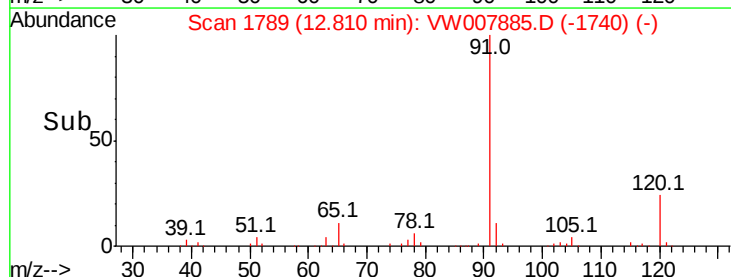
91 100

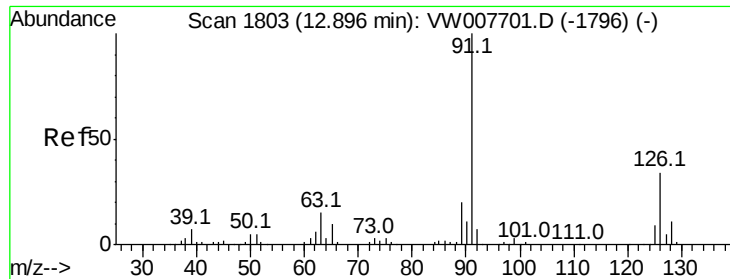
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

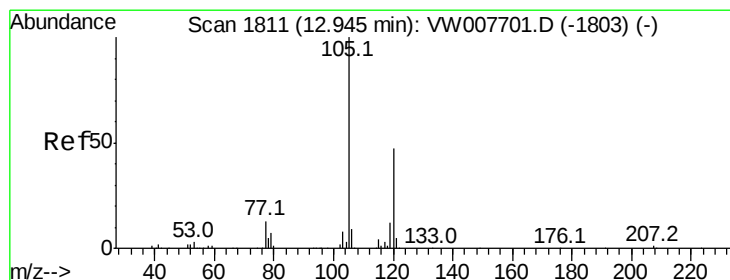
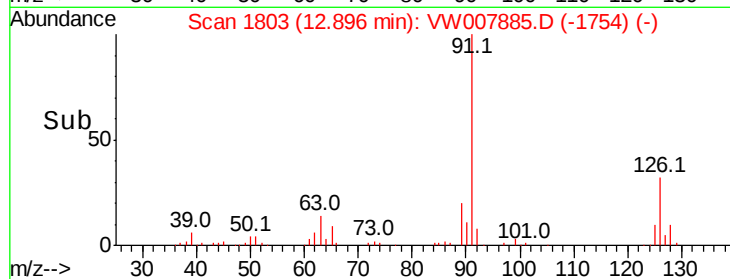
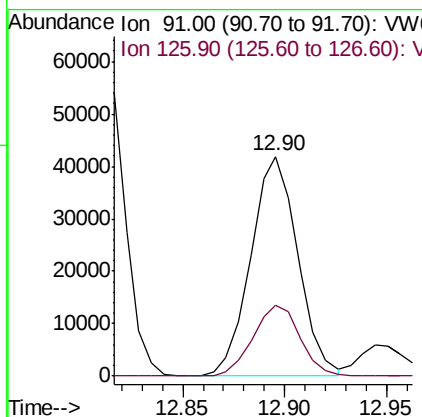
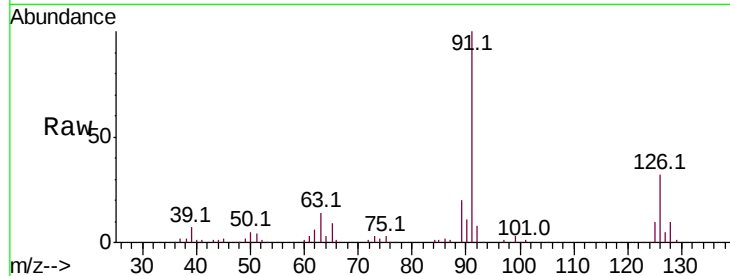




#79
 2-Chlorotoluene
 Concen: 22.840 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

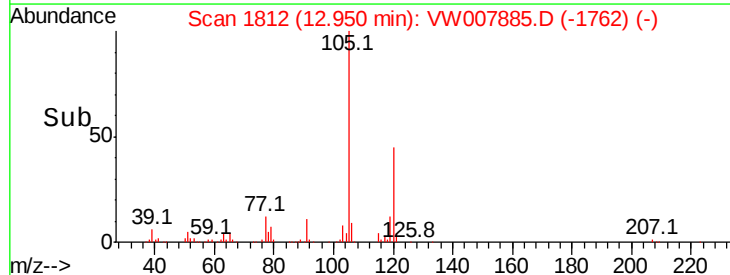
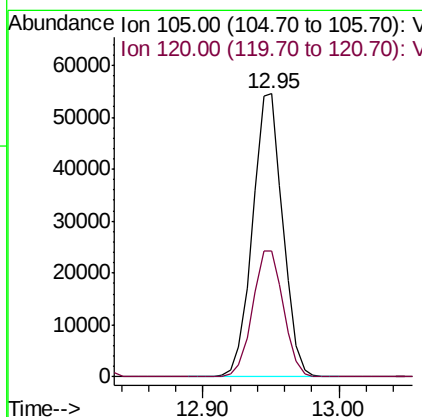
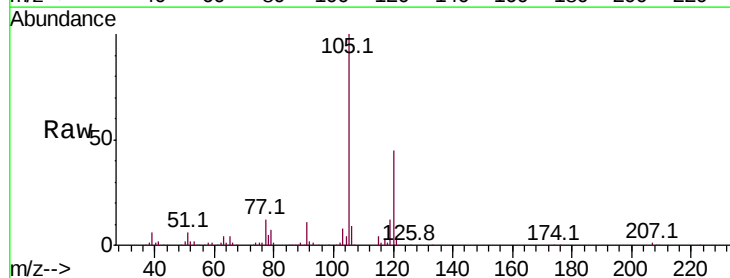
Instrument :
 MSVOA_W
 ClientSampled :

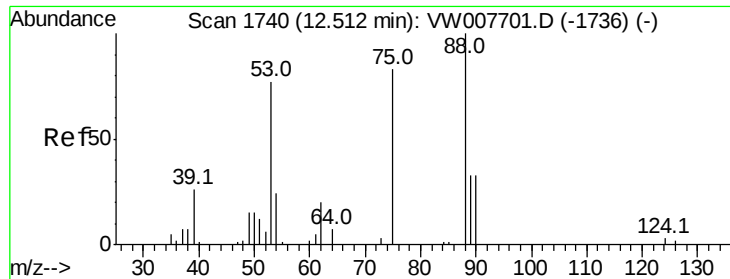
Tot Ion: 91 Resp: 67206
 Ion Ratio Lower Upper
 91 100
 126 32.3 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.748 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion:105 Resp: 85142
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.6 70.8

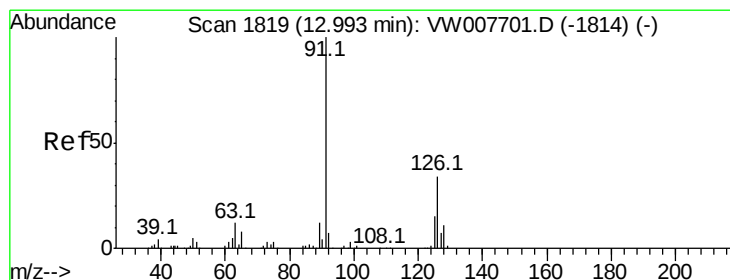
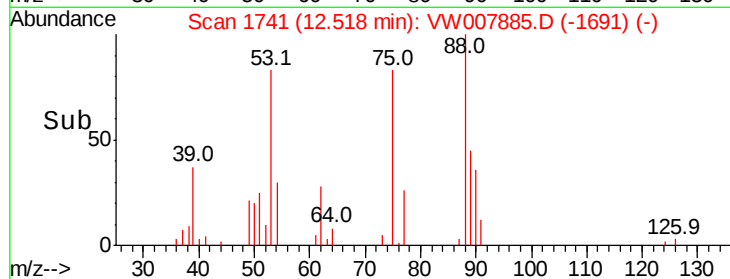
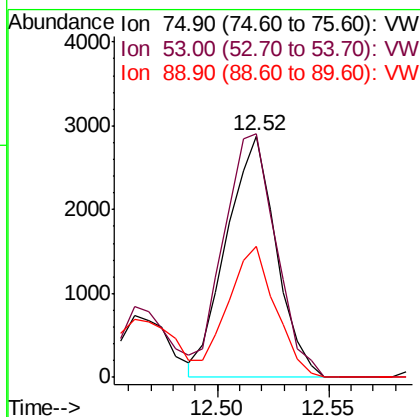
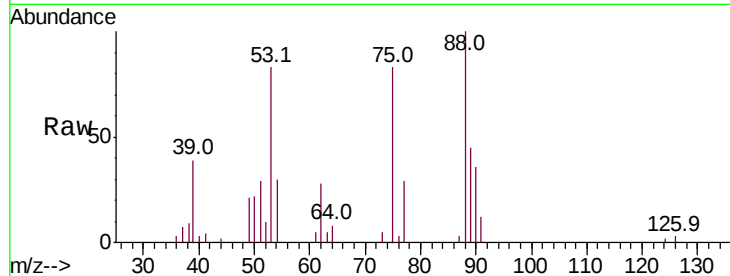




#81
trans-1,4-Dichloro-2-butene
Concen: 21.081 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

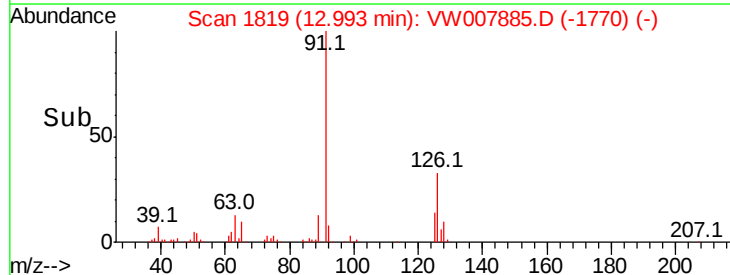
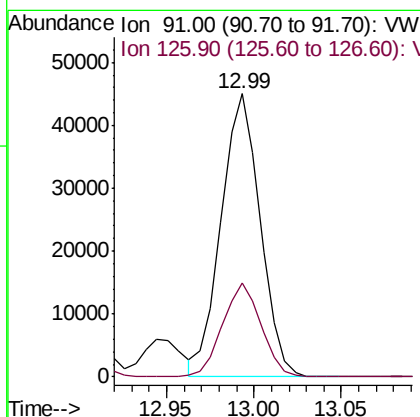
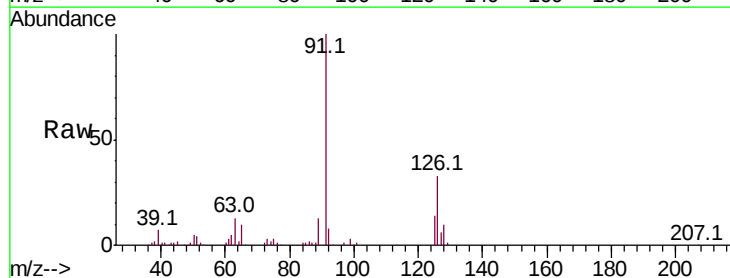
Instrument :
MSVOA_W
ClientSampleId :

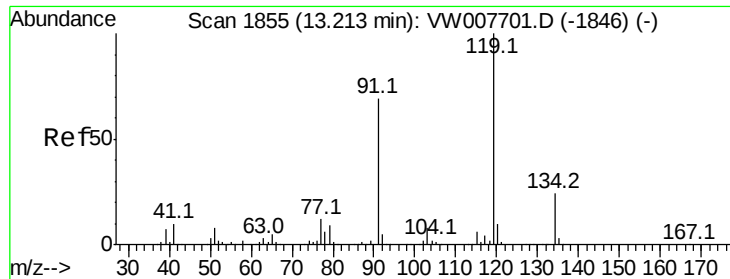
Tot Ion: 75 Resp: 4456
Ion Ratio Lower Upper
75 100
53 106.4 80.2 120.2
89 51.3 39.2 58.8



#82
4-Chlorotoluene
Concen: 22.264 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion: 91 Resp: 69754
Ion Ratio Lower Upper
91 100
126 32.7 16.5 49.5

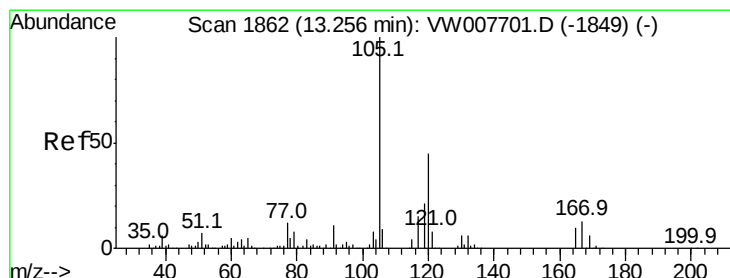
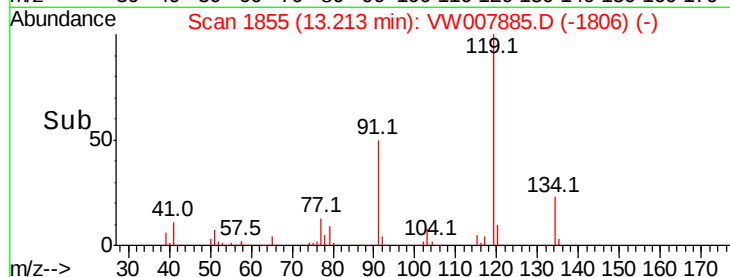
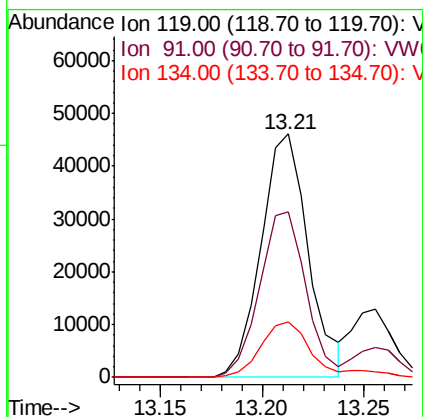
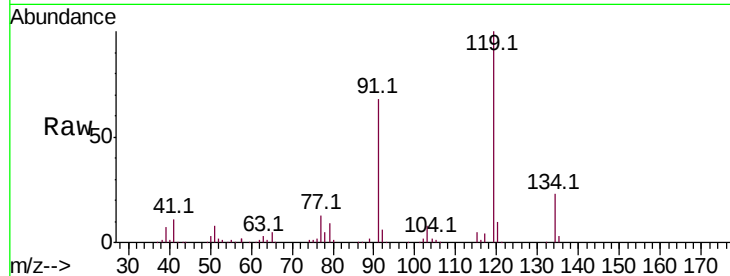




#83
tert-Butylbenzene
Concen: 22.687 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

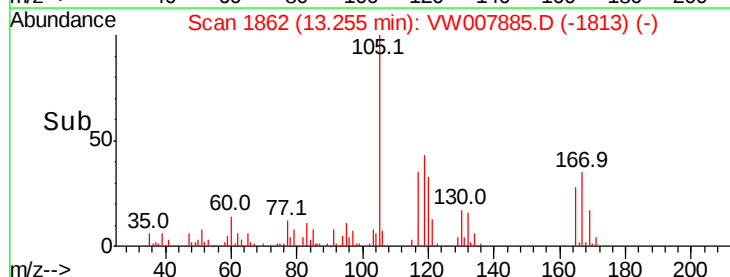
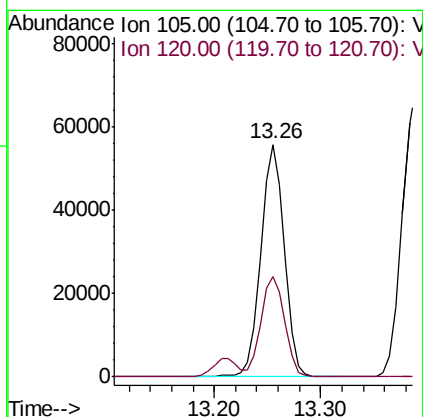
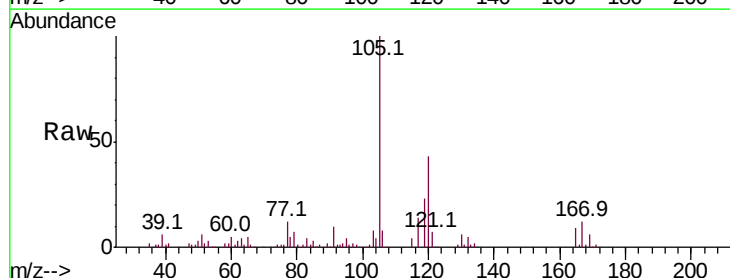
Instrument :
MSVOA_W
ClientSampled :

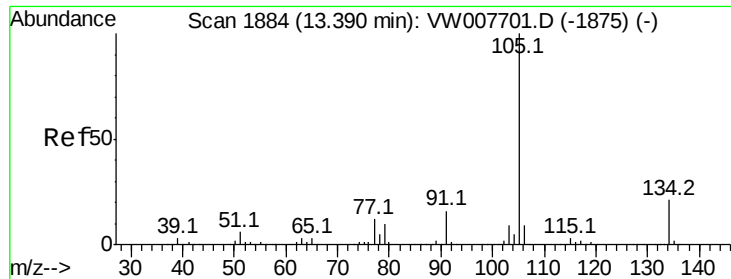
Tot Ion:119 Resp: 74504
Ion Ratio Lower Upper
119 100
91 66.8 34.2 102.5
134 25.5 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 22.812 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion:105 Resp: 86157
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0

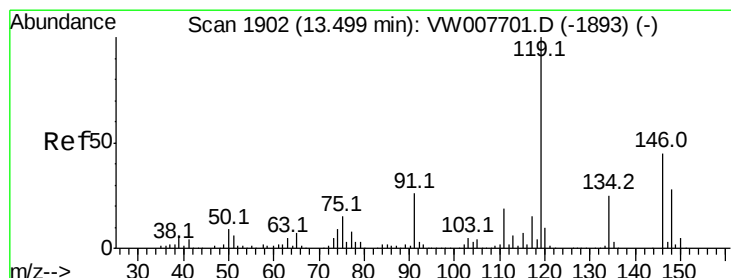
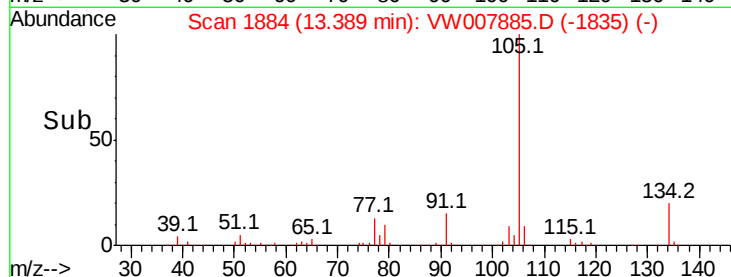
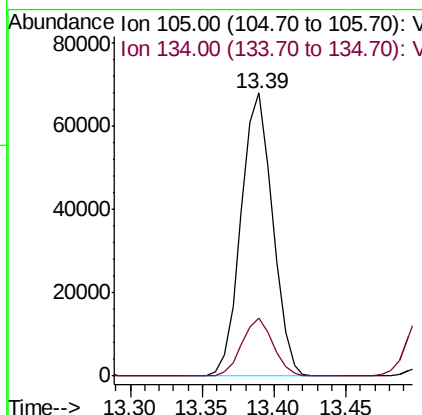
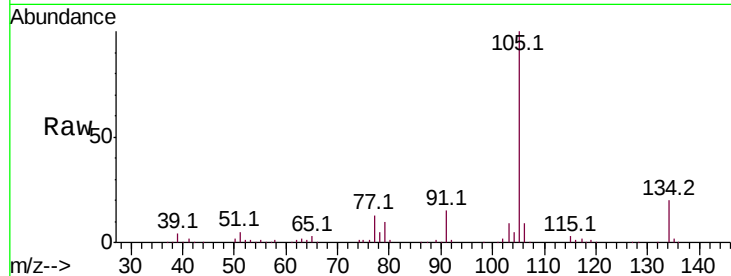




#85
 sec-Butylbenzene
 Concen: 22.843 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

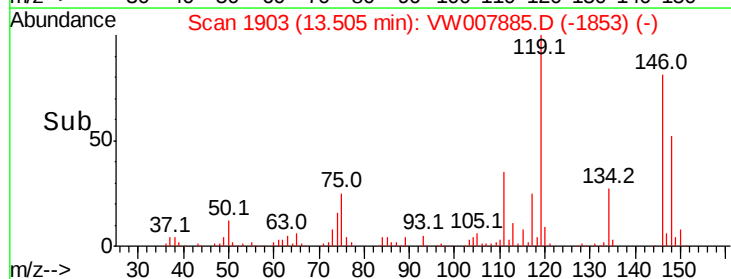
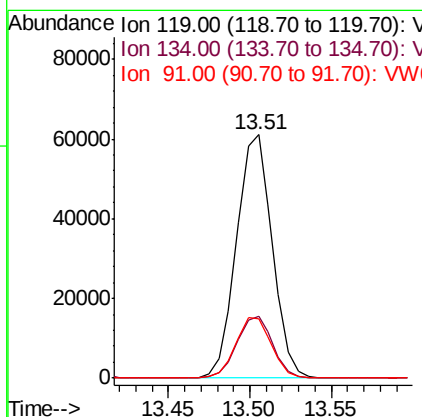
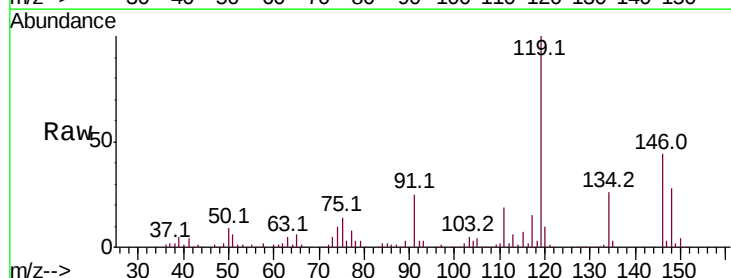
Instrument :
 MSVOA_W
 ClientSampled :

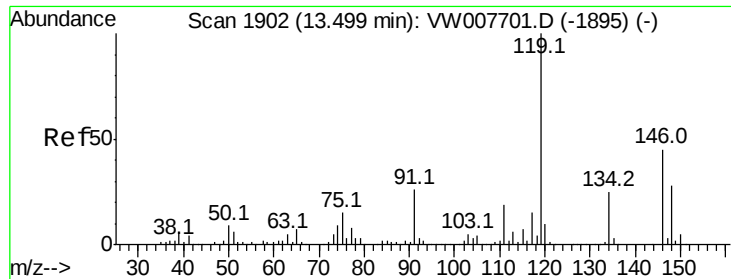
Tot Ion:105 Resp: 103388
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 22.612 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion:119 Resp: 93062
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 25.1 12.8 38.4

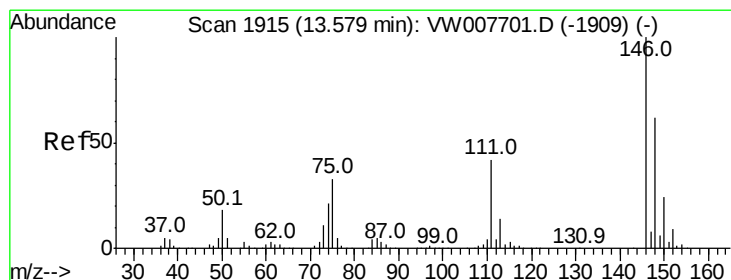
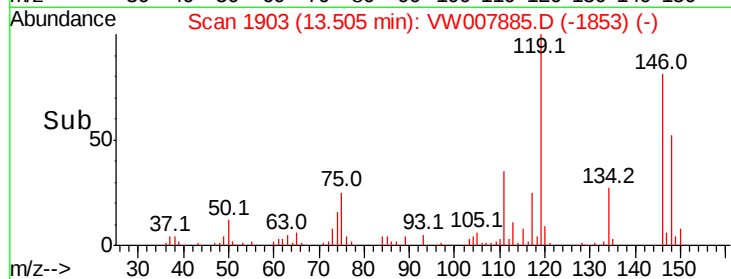
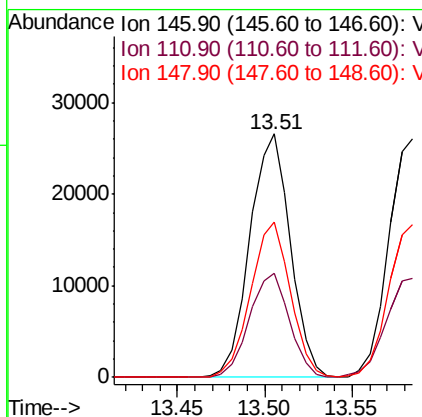
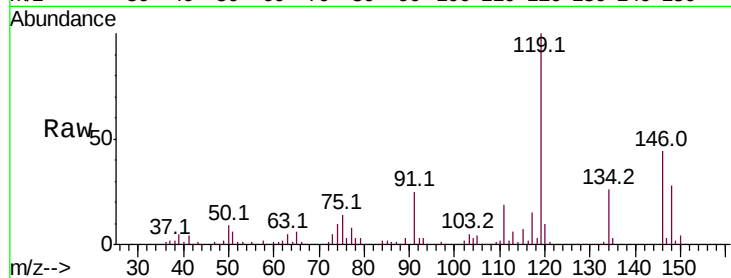




#87
 1,3-Dichlorobenzene
 Concen: 21.837 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

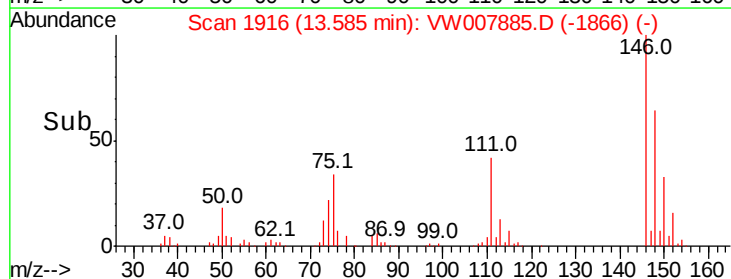
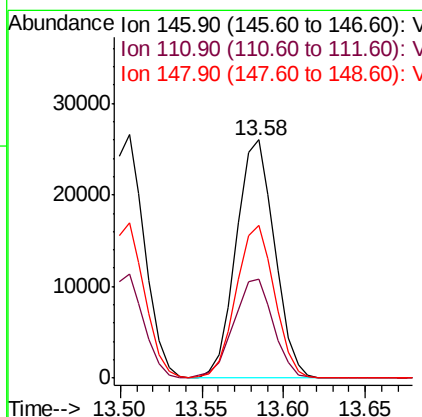
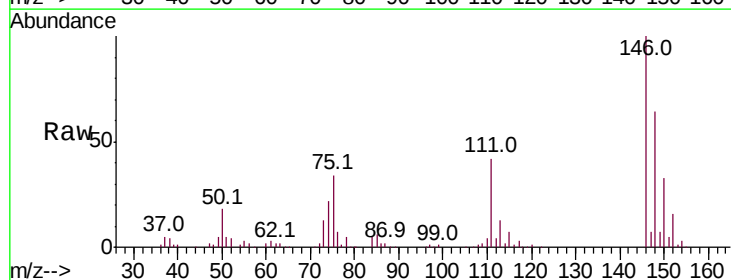
Instrument :
 MSVOA_W
 ClientSampleId :

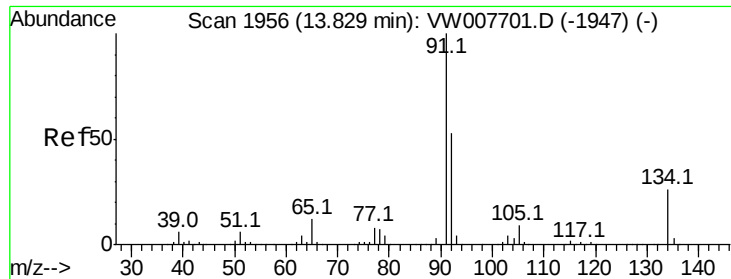
Tot Ion:146 Resp: 43116
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.4
 148 62.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.637 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion:146 Resp: 42734
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.0 63.0
 148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 23.204 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

ClientSampleId :

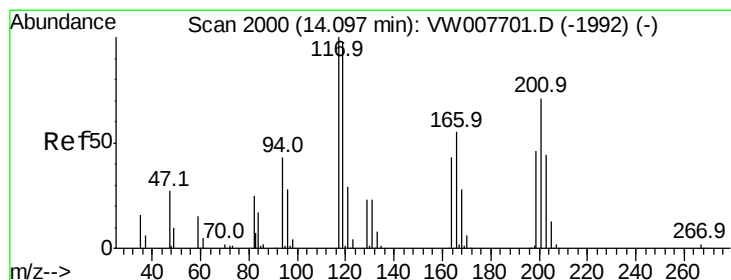
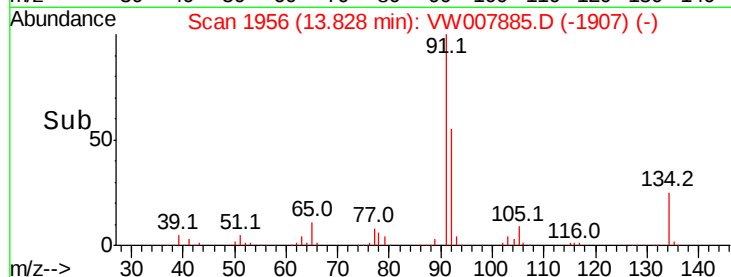
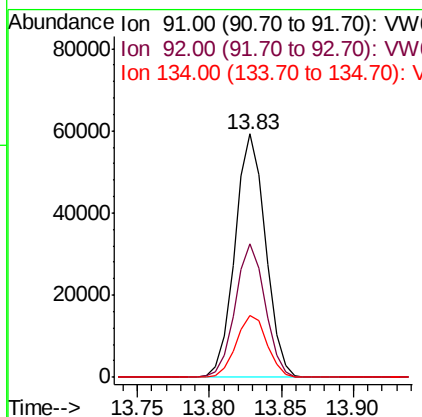
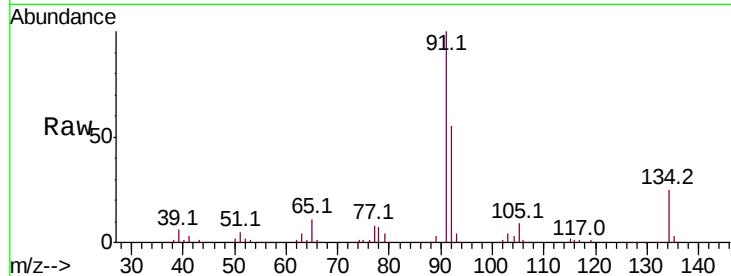
Tot Ion: 91 Resp: 87560

Ion Ratio Lower Upper

91 100

92 53.7 26.4 79.2

134 25.8 13.7 41.0



#90

Hexachloroethane

Concen: 19.760 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007885.D

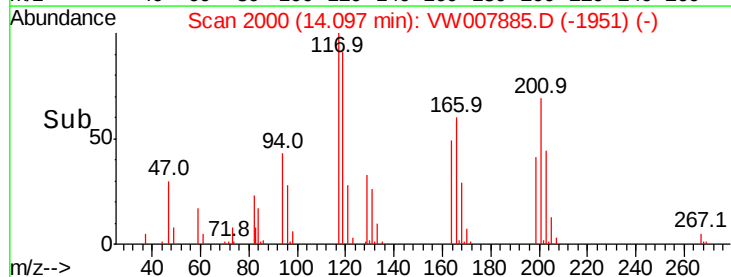
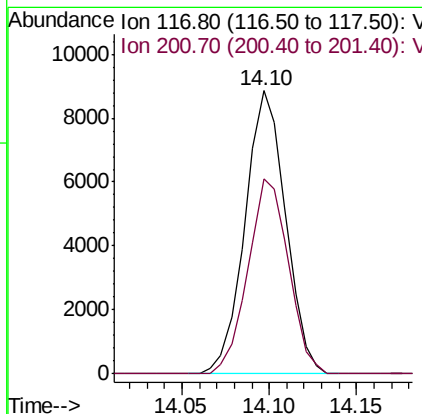
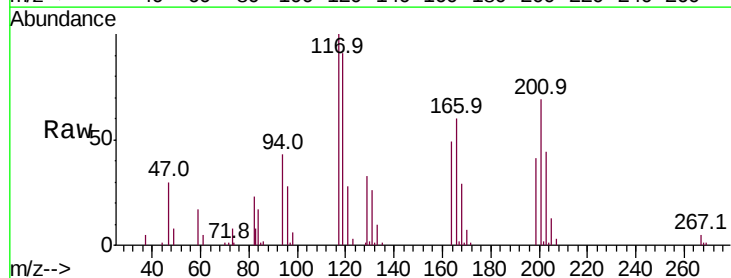
Acq: 24 Dec 2018 13:42

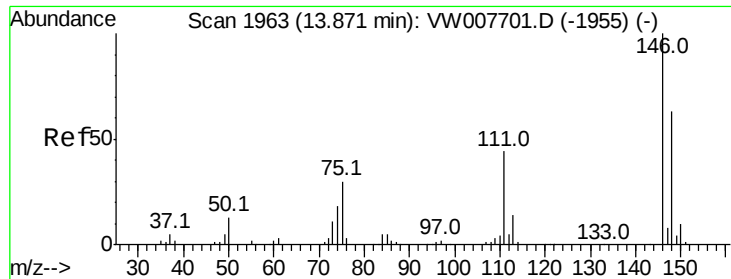
Tgt Ion: 117 Resp: 14277

Ion Ratio Lower Upper

117 100

201 68.7 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 21.773 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

Instrument :

MSVOA_W

ClientSampleId :

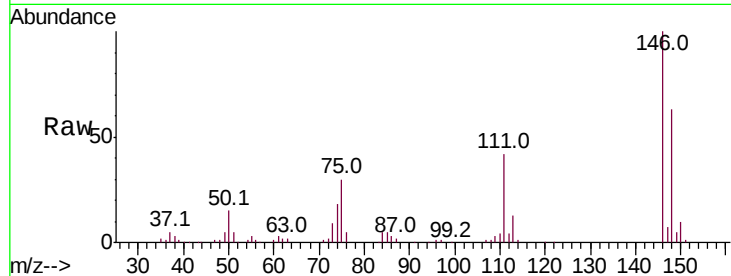
Tot Ion:146 Resp: 38490

Ion Ratio Lower Upper

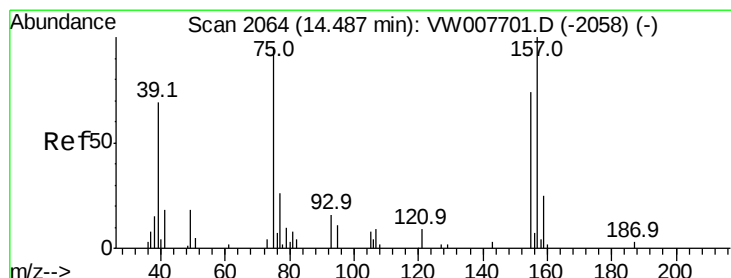
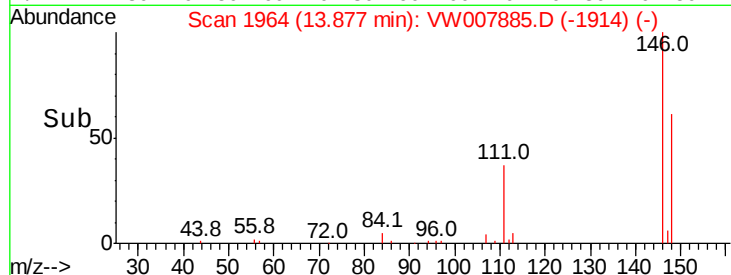
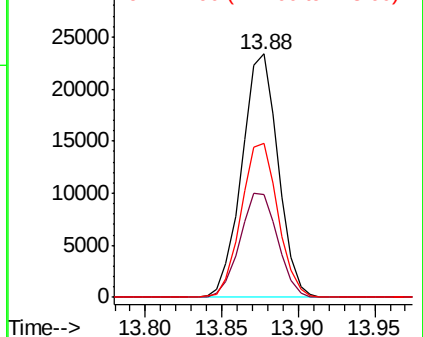
146 100

111 44.2 21.7 65.1

148 63.9 32.1 96.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.159 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007885.D

Acq: 24 Dec 2018 13:42

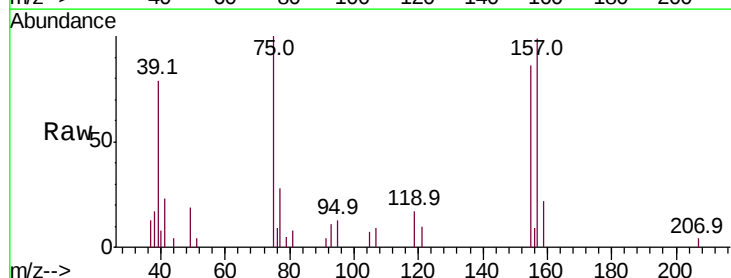
Tgt Ion: 75 Resp: 2827

Ion Ratio Lower Upper

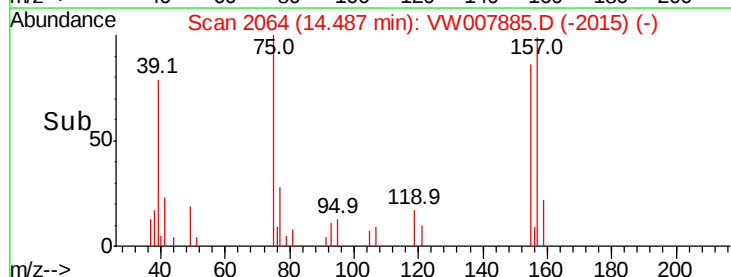
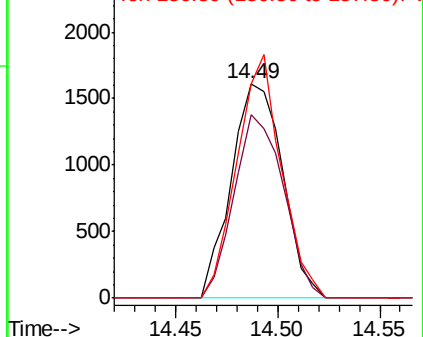
75 100

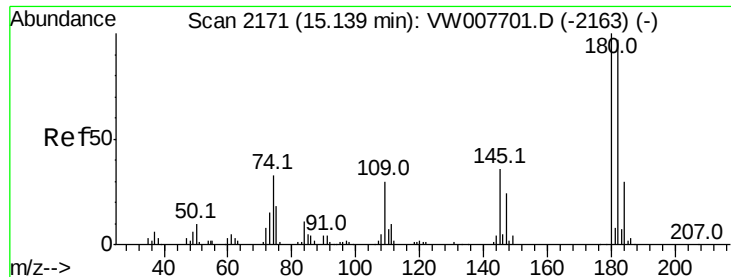
155 82.0 39.4 118.1

157 98.0 52.0 156.0



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

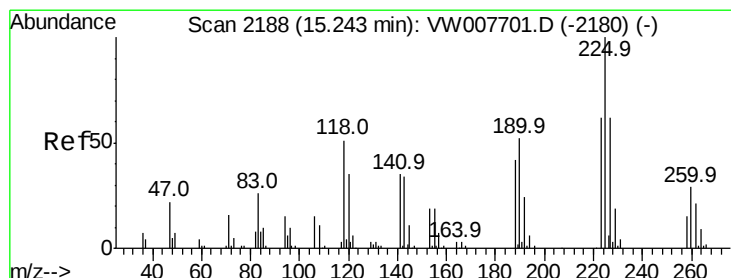
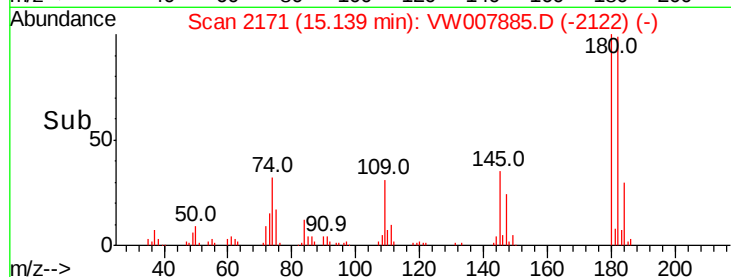
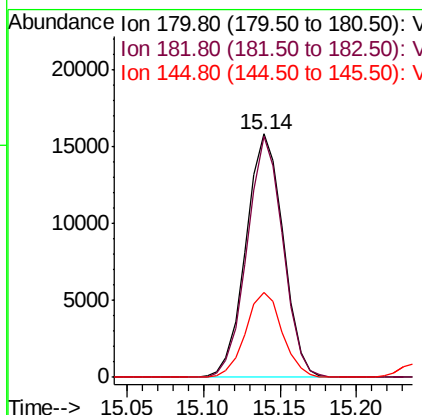
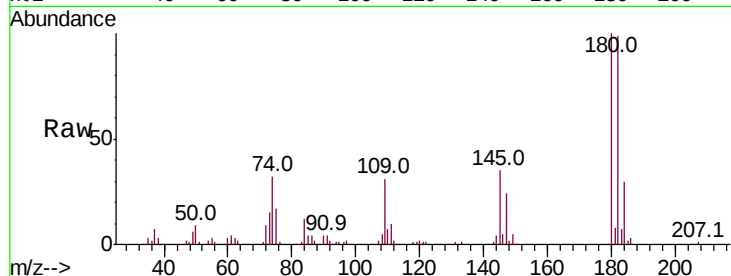




#93
 1,2,4-Trichlorobenzene
 Concen: 21.912 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

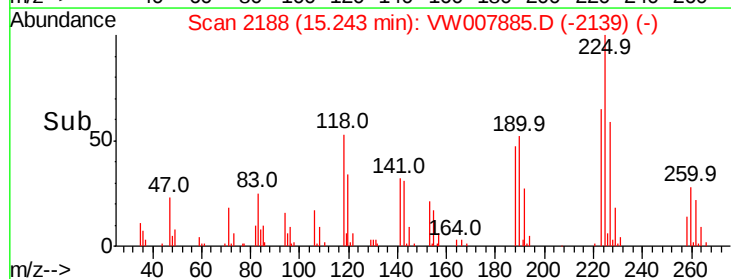
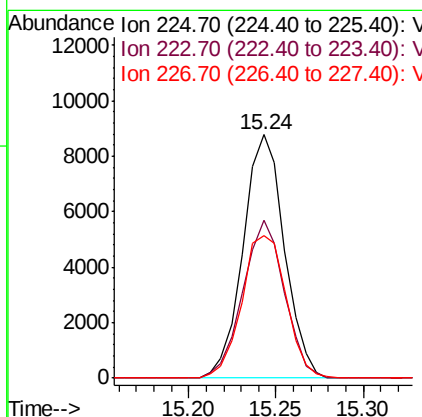
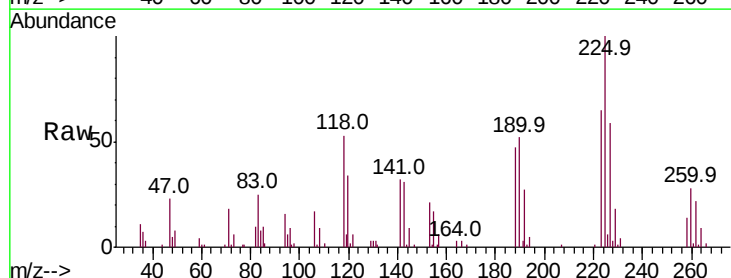
Instrument :
 MSVOA_W
 ClientSampleId :

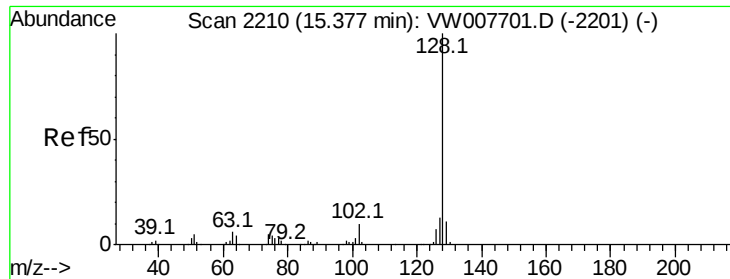
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	34.2	17.5	52.5



#94
 Hexachlorobutadiene
 Concen: 21.900 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007885.D
 Acq: 24 Dec 2018 13:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.6	94.8
227	63.2	32.1	96.3

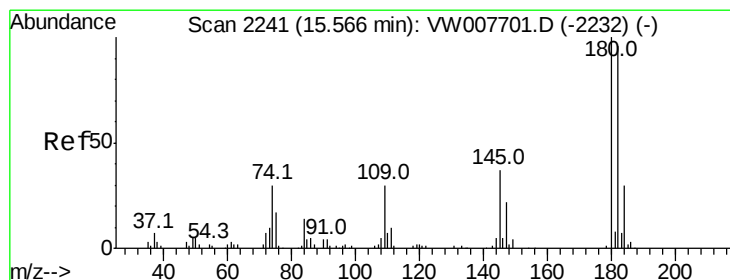
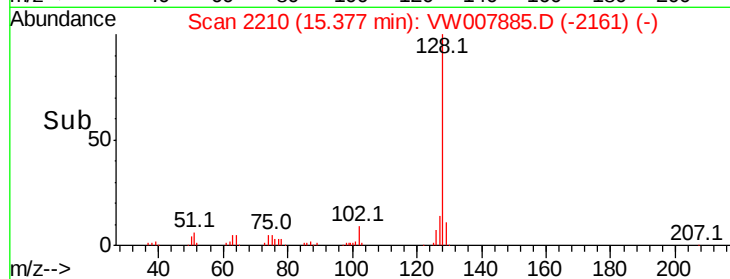
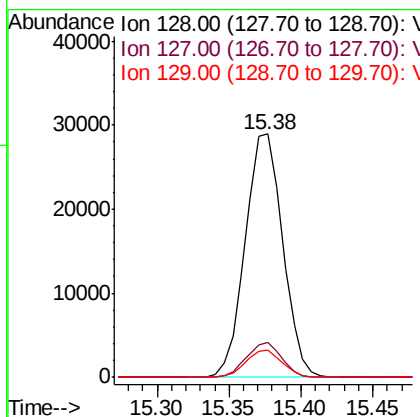
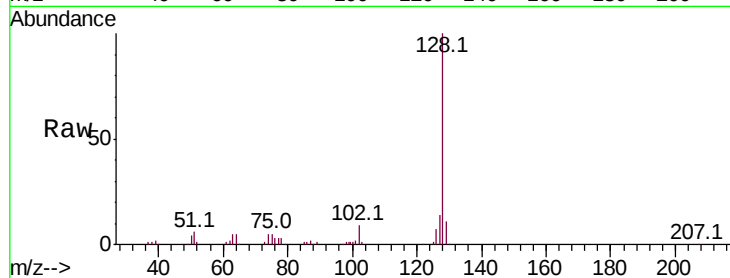




#95
Naphthalene
Concen: 22.969 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 52111
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 22.044 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007885.D
Acq: 24 Dec 2018 13:42

Tgt Ion:180 Resp: 23155
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 35.9 18.4 55.0

