

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122518\
 Data File : VW007895.D
 Acq On : 24 Dec 2018 18:01
 Operator : SY/AP
 Sample : J6446-15MSD
 Misc : 3.36G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:04:42 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	46134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	75648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	51840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	34108	67.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.90%	
35) Dibromofluoromethane	7.88	113	28536	61.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.66%	
50) Toluene-d8	10.32	98	90434	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.62	95	23613	35.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22479	54.810	ug/l	100
3) Chloromethane	2.21	50	21813	86.614	ug/l	98
4) Vinyl Chloride	2.37	62	25102	78.301	ug/l	97
5) Bromomethane	2.78	94	15710	70.357	ug/l	99
6) Chloroethane	2.93	64	13745	80.141	ug/l	97
7) Trichlorofluoromethane	3.26	101	17419	52.190	ug/l	98
8) Diethyl Ether	3.68	74	15514	75.889	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22977	46.744	ug/l	100
10) Methyl Iodide	4.26	142	40825	52.226	ug/l	98
11) Tert butyl alcohol	5.17	59	11732	343.946	ug/l	98
12) 1,1-Dichloroethene	4.03	96	25743	56.557	ug/l	95
13) Acrolein	3.89	56	3276	120.119	ug/l	98
14) Allyl chloride	4.67	41	41700	69.862	ug/l	91
15) Acrylonitrile	5.37	53	31531	361.582	ug/l	99
16) Acetone	4.12	43	24451	258.228	ug/l	97
17) Carbon Disulfide	4.38	76	69884	49.615	ug/l	100
18) Methyl Acetate	4.67	43	49828	221.273	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	51547	78.884	ug/l	92
20) Methylene Chloride	4.91	84	27975	60.388	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	28404	56.740	ug/l	96
22) Diisopropyl ether	6.31	45	84945	76.003	ug/l	99
23) Vinyl Acetate	6.26	43	44450	66.939	ug/l	96
24) 1,1-Dichloroethane	6.21	63	50804	61.789	ug/l	98
25) 2-Butanone	7.17	43	38274	345.100	ug/l	97
26) 2,2-Dichloropropane	7.17	77	34009	56.525	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	30643	57.455	ug/l	98
28) Bromochloromethane	7.51	49	20308	72.441	ug/l	89
29) Tetrahydrofuran	7.53	42	26249	396.785	ug/l	95
30) Chloroform	7.68	83	52335	56.244	ug/l	98
31) Cyclohexane	7.96	56	30318	40.278	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	43554	51.394	ug/l	99
36) 1,1-Dichloropropene	8.08	75	34107	46.713	ug/l	98
37) Ethyl Acetate	7.25	43	11604	46.051	ug/l	99
38) Carbon Tetrachloride	8.07	117	37303	43.382	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007895.D
 Acq On : 24 Dec 2018 18:01
 Operator : SY/AP
 Sample : J6446-15MSD
 Misc : 3.36G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:04:42 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	25127	27.695	ug/l	100
40) Benzene	8.32	78	105599	54.199	ug/l	97
41) Methacrylonitrile	7.48	41	9923	69.361	ug/l	93
42) 1,2-Dichloroethane	8.40	62	37927	58.087	ug/l	98
43) Isopropyl Acetate	8.43	43	27015	53.513	ug/l	98
44) Trichloroethene	9.09	130	26361	44.739	ug/l	100
45) 1,2-Dichloropropane	9.37	63	25719	59.490	ug/l	98
46) Dibromomethane	9.46	93	15006	56.387	ug/l	96
47) Bromodichloromethane	9.65	83	35673	50.989	ug/l	97
48) Methyl methacrylate	9.44	41	22045	87.484	ug/l	92
49) 1,4-Dioxane	9.45	88	5231	1239.776	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	85925	360.148	ug/l	96
52) Toluene	10.39	92	59679	45.653	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	35723	51.334	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	40527	52.724	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	20185	55.018	ug/l	94
56) Ethyl methacrylate	10.65	69	16784	38.720	ug/l	96
57) 1,3-Dichloropropane	10.93	76	33722	55.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	63897	322.859	ug/l	97
59) 2-Hexanone	10.97	43	55385	330.089	ug/l	100
60) Dibromochloromethane	11.13	129	21760	44.795	ug/l	100
61) 1,2-Dibromoethane	11.24	107	19473	52.414	ug/l	99
64) Tetrachloroethene	10.86	164	15938	43.417	ug/l	95
65) Chlorobenzene	11.66	112	54404	48.487	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22226	55.437	ug/l	96
67) Ethyl Benzene	11.73	91	94966	49.322	ug/l	96
68) m/p-Xylenes	11.84	106	69999	93.720	ug/l	98
69) o-Xylene	12.17	106	34464	49.226	ug/l	99
70) Styrene	12.18	104	51701	44.924	ug/l	99
71) Bromoform	12.35	173	10516	50.527	ug/l #	99
73) Isopropylbenzene	12.47	105	81124	70.233	ug/l	99
74) N-amyl acetate	12.27	43	11264	56.299	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	18009	103.987	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	25722	217.784	ug/l #	100
77) Bromobenzene	12.75	156	18026	68.096	ug/l	85
78) n-propylbenzene	12.80	91	79656	59.242	ug/l	100
79) 2-Chlorotoluene	12.90	91	47371	60.478	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	60626	60.849	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	6106	108.519	ug/l	96
82) 4-Chlorotoluene	12.99	91	49579	59.446	ug/l	98
83) tert-Butylbenzene	13.21	119	53334	61.008	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	60185	59.864	ug/l	99
85) sec-Butylbenzene	13.39	105	58960	48.937	ug/l	99
86) p-Isopropyltoluene	13.50	119	52150	47.601	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	24971	47.511	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	26259	49.947	ug/l	100
89) n-Butylbenzene	13.83	91	37170	37.004	ug/l	99
90) Hexachloroethane	14.10	117	8526	44.329	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	22618	48.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3324	93.460	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
Data File : VW007895.D
Acq On : 24 Dec 2018 18:01
Operator : SY/AP
Sample : J6446-15MSD
Misc : 3.36G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 25 02:04:42 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

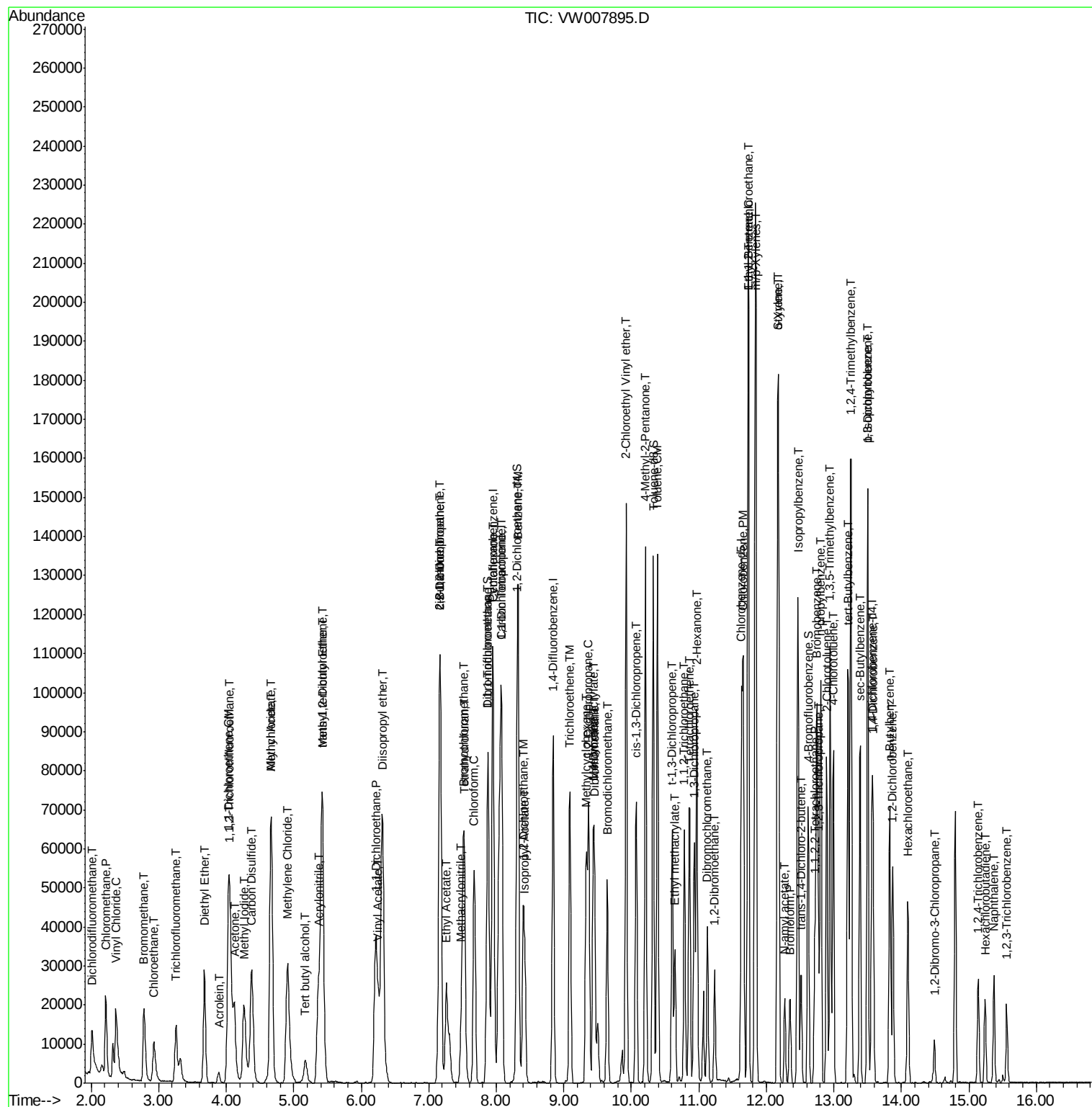
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	8051	24.647	ug/l	94
94) Hexachlorobutadiene	15.24	225	3852	22.066	ug/l	97
95) Naphthalene	15.37	128	23687	39.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	6710	23.997	ug/l	99

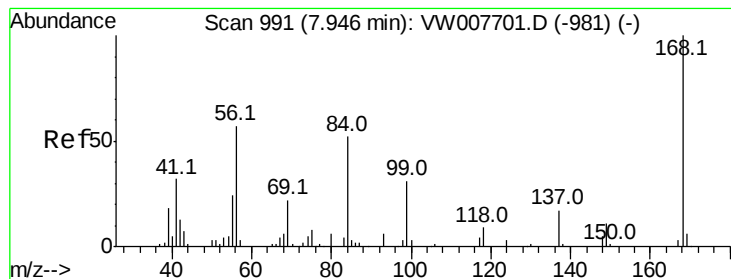
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007895.D
 Acq On : 24 Dec 2018 18:01
 Operator : SY/AP
 Sample : J6446-15MSD
 Misc : 3.36G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:04:42 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

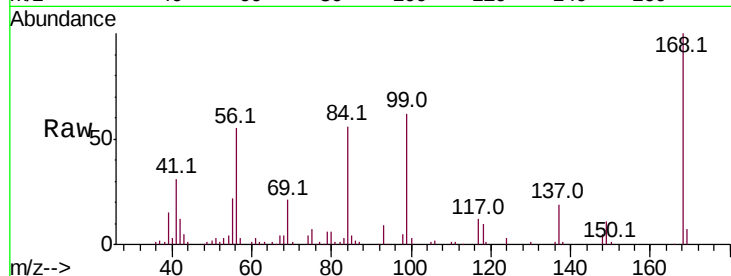
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 46134

Ion Ratio Lower Upper

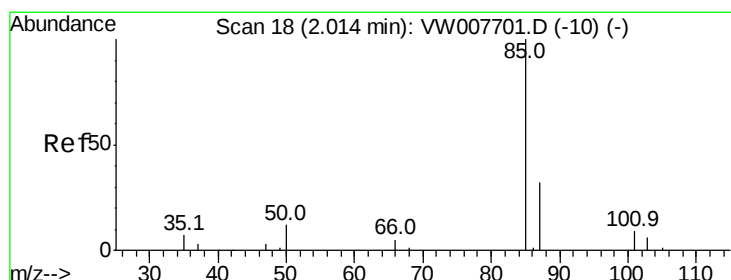
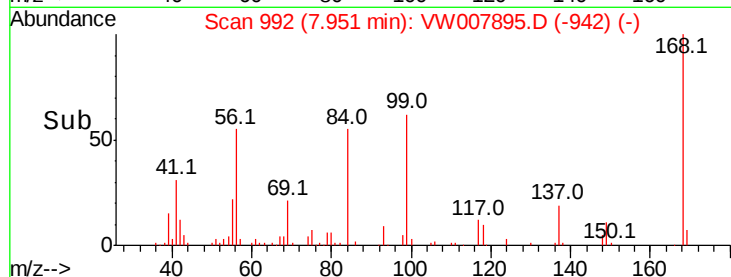
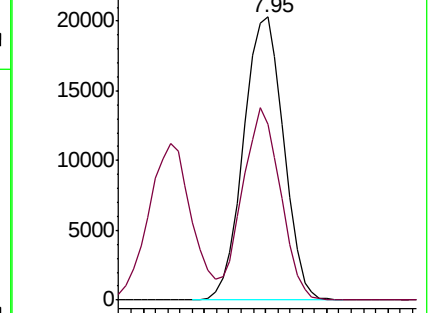
168 100

99 62.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.810 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007895.D

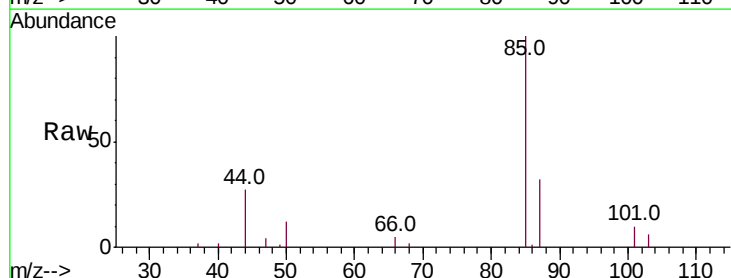
Acq: 24 Dec 2018 18:01

Tgt Ion: 85 Resp: 22479

Ion Ratio Lower Upper

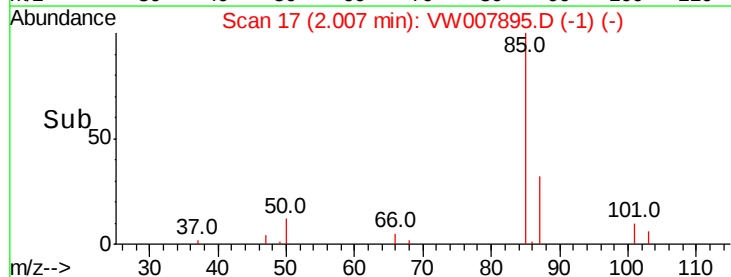
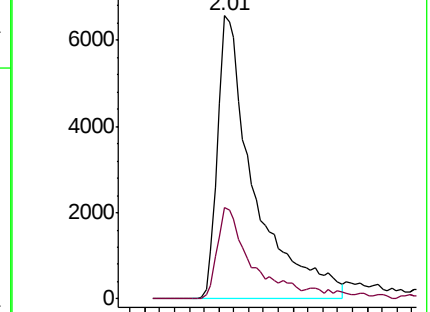
85 100

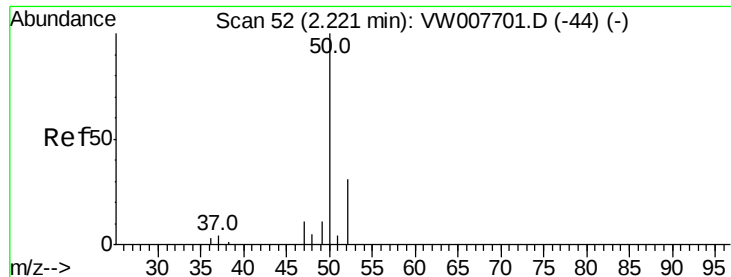
87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 86.614 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

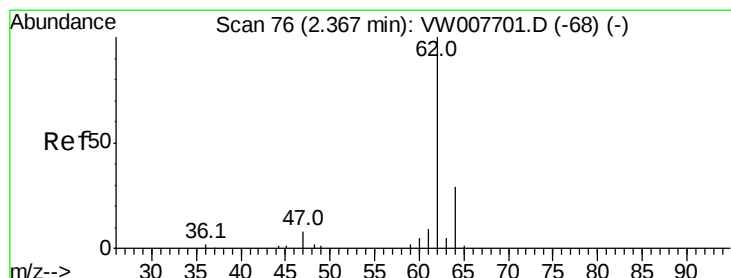
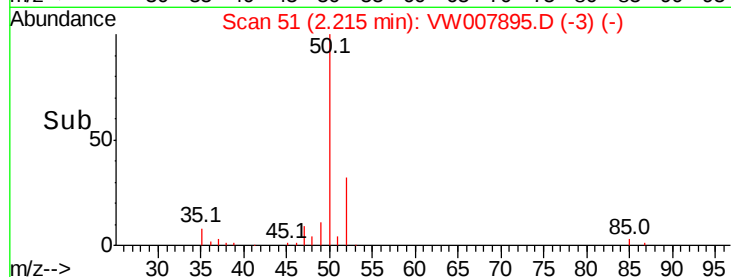
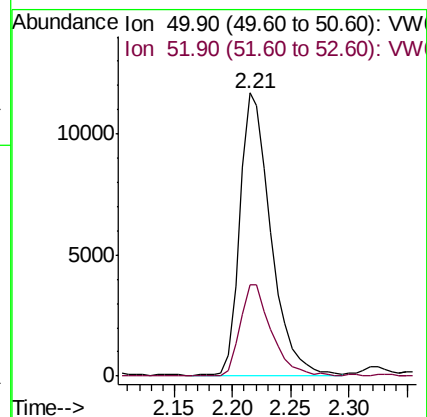
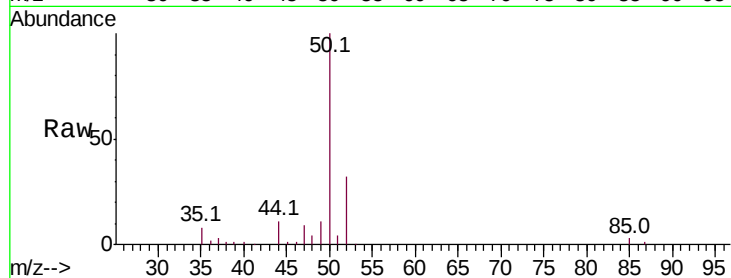
ClientSampleId :

Tot Ion: 50 Resp: 21813

Ion Ratio Lower Upper

50 100

52 32.5 25.1 37.7



#4

Vinyl Chloride

Concen: 78.301 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007895.D

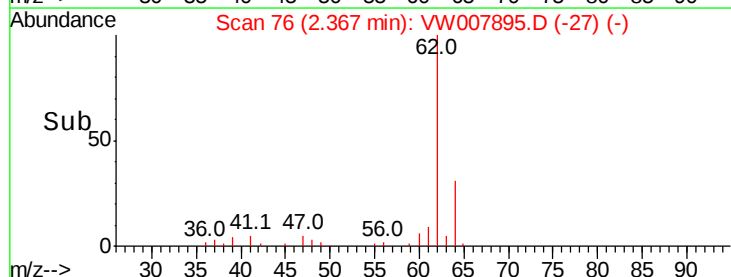
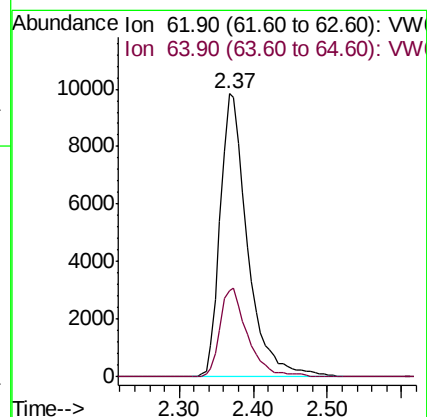
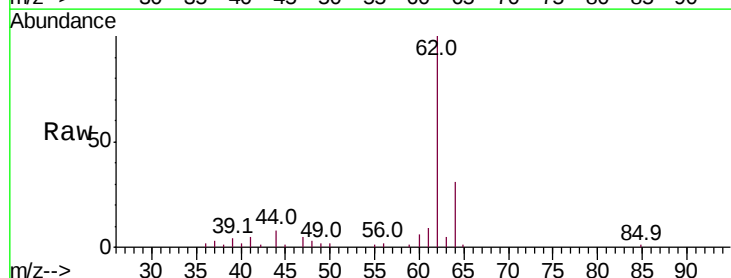
Acq: 24 Dec 2018 18:01

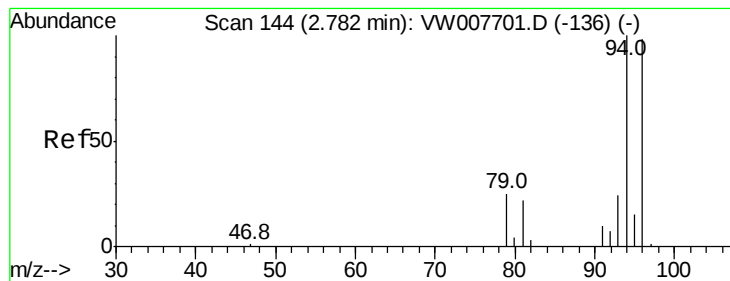
Tgt Ion: 62 Resp: 25102

Ion Ratio Lower Upper

62 100

64 30.6 23.4 35.0





#5

Bromomethane

Concen: 70.357 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

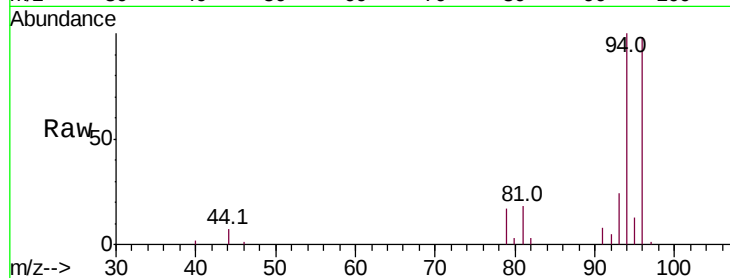
ClientSampleId :

Tot Ion: 94 Resp: 15710

Ion Ratio Lower Upper

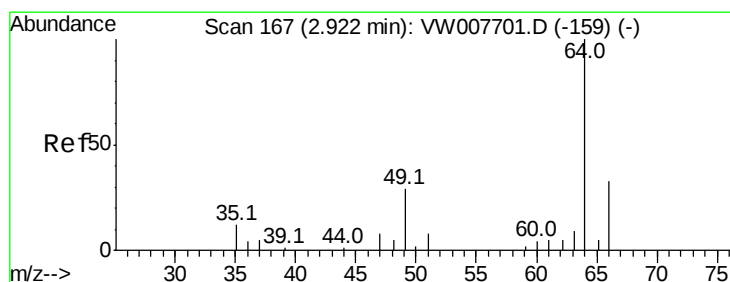
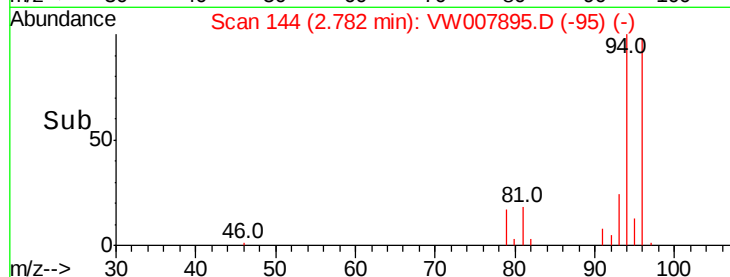
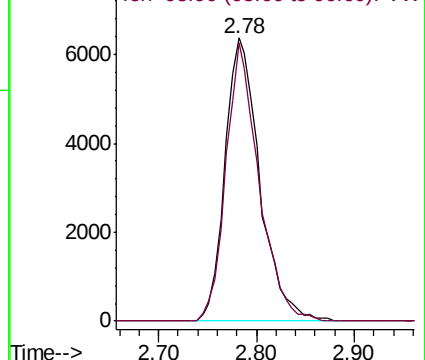
94 100

96 98.4 78.2 117.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 80.141 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007895.D

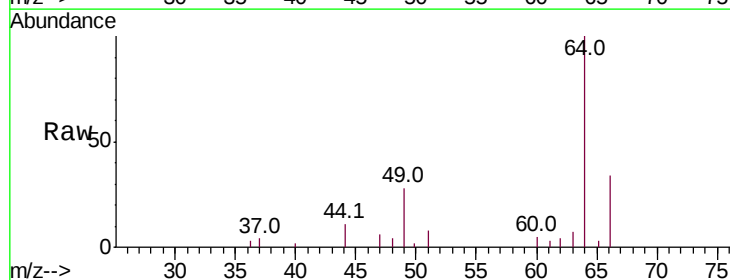
Acq: 24 Dec 2018 18:01

Tgt Ion: 64 Resp: 13745

Ion Ratio Lower Upper

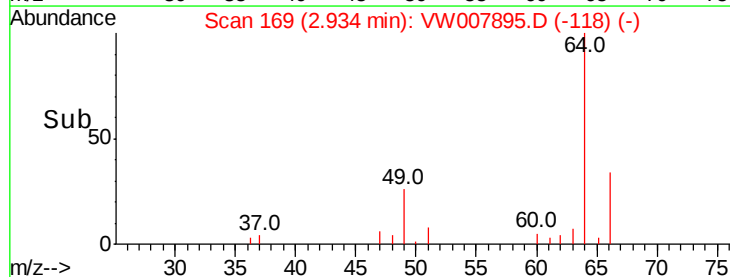
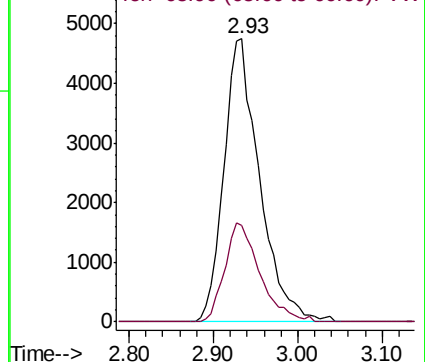
64 100

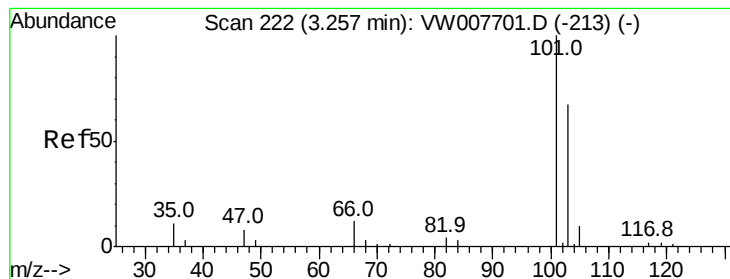
66 34.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



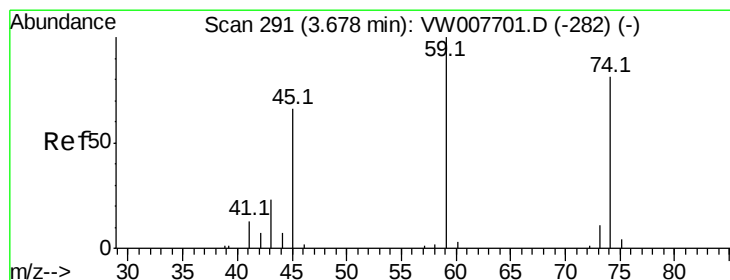
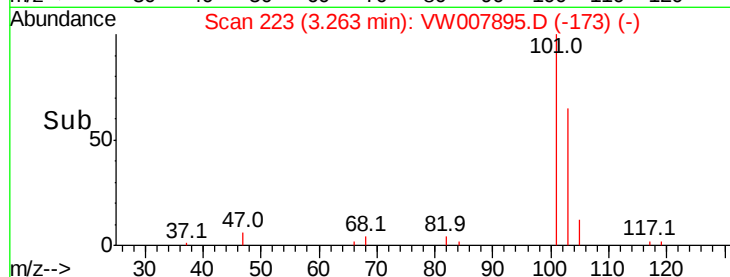
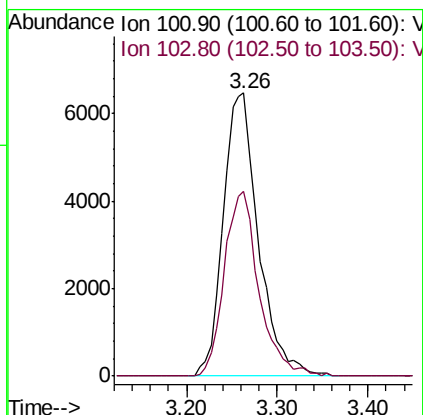
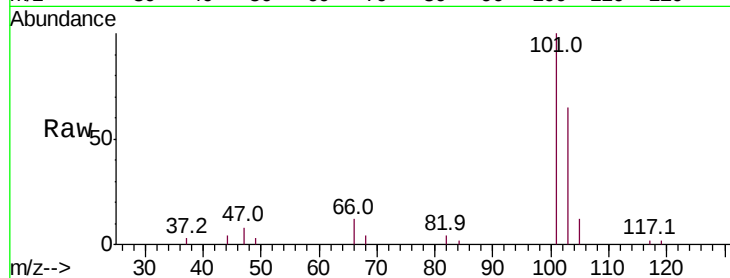


#7

Trichlorofluoromethane
 Concen: 52.190 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampled :

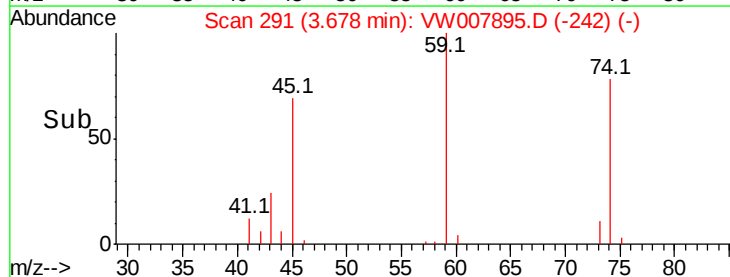
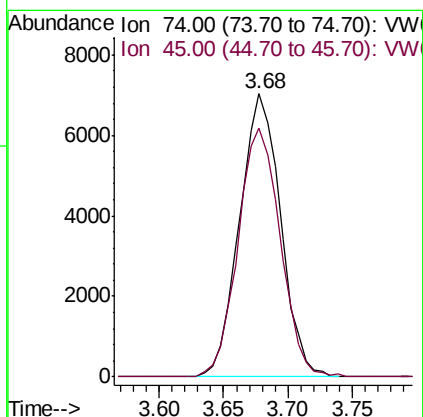
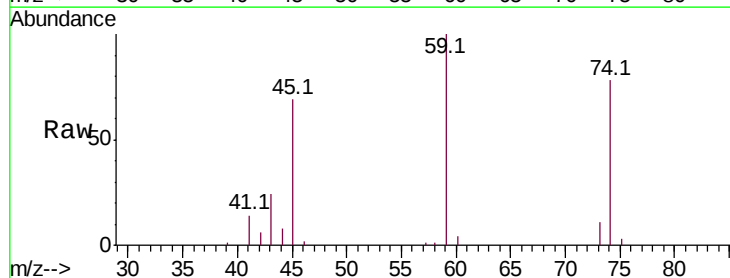
Tot Ion:101 Resp: 17419
 Ion Ratio Lower Upper
 101 100
 103 65.2 53.4 80.2

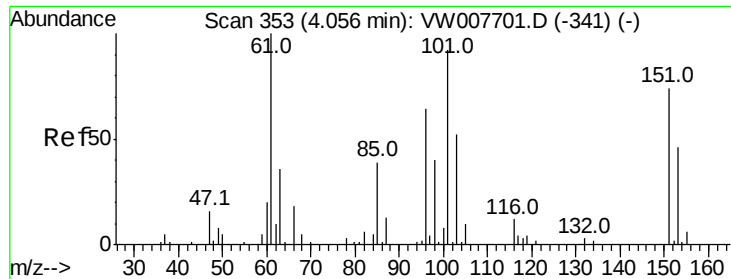


#8

Diethyl Ether
 Concen: 75.889 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion: 74 Resp: 15514
 Ion Ratio Lower Upper
 74 100
 45 90.4 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.744 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

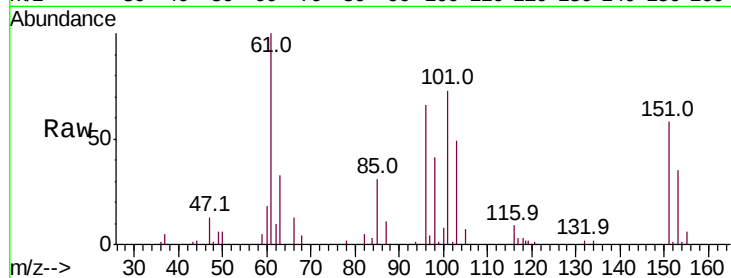
Tot Ion:101 Resp: 22977

Ion Ratio Lower Upper

101 100

85 43.1 34.3 51.5

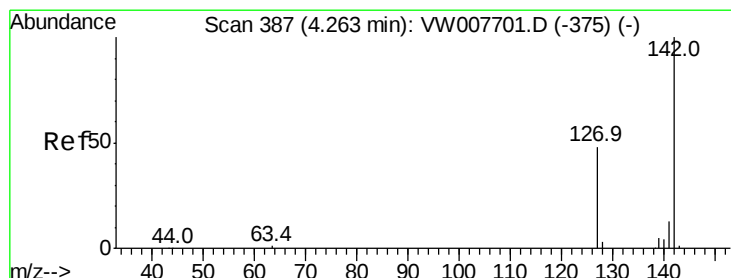
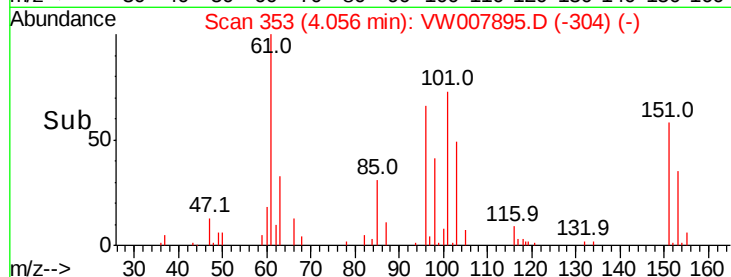
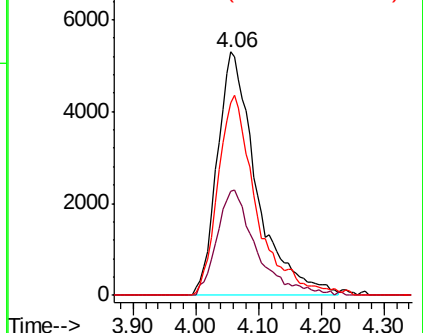
151 80.7 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.226 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

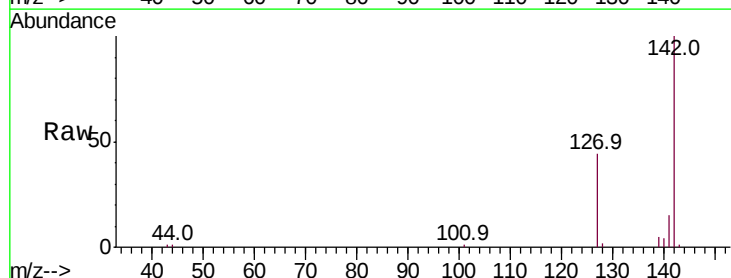
Tgt Ion:142 Resp: 40825

Ion Ratio Lower Upper

142 100

127 45.7 37.7 56.5

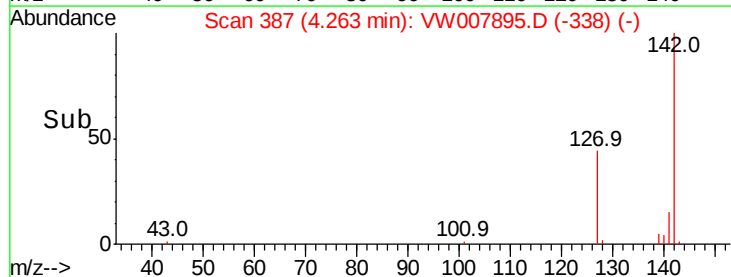
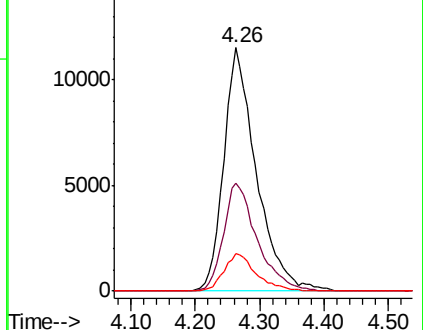
141 15.1 11.5 17.3

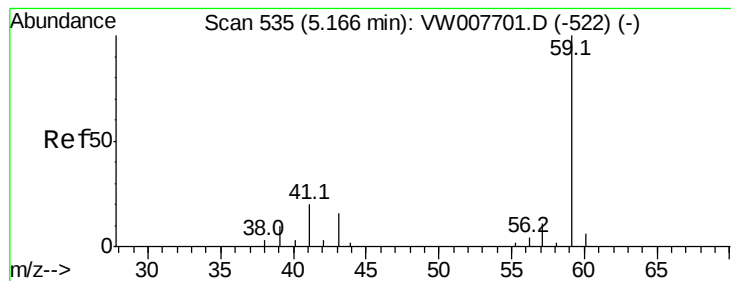


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



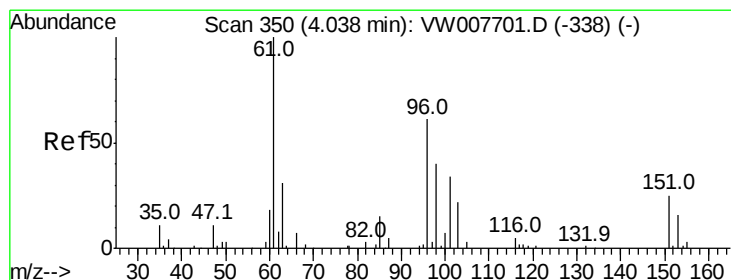
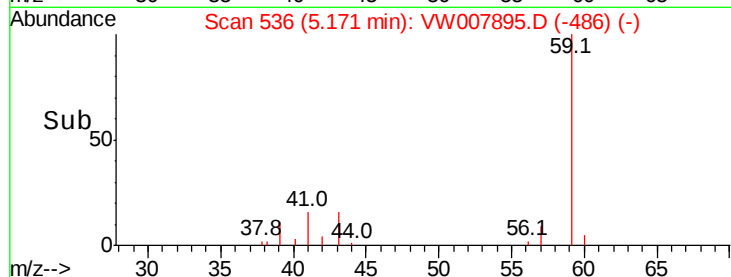
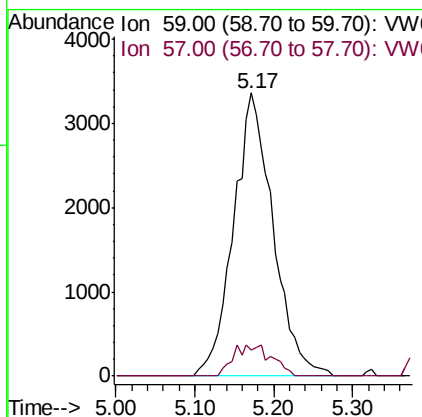
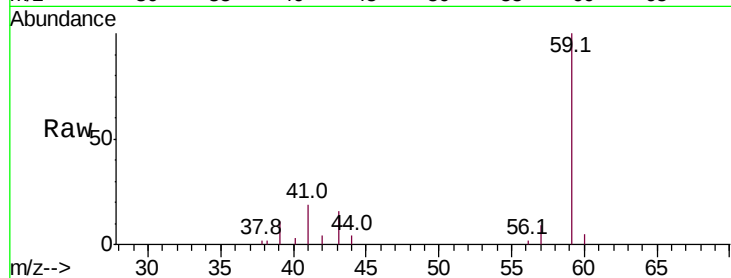


#11

Tert butyl alcohol
 Concen: 343.946 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :

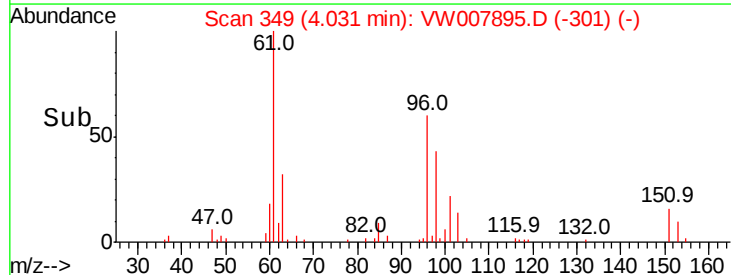
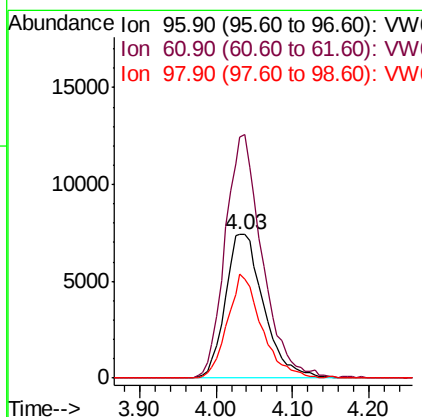
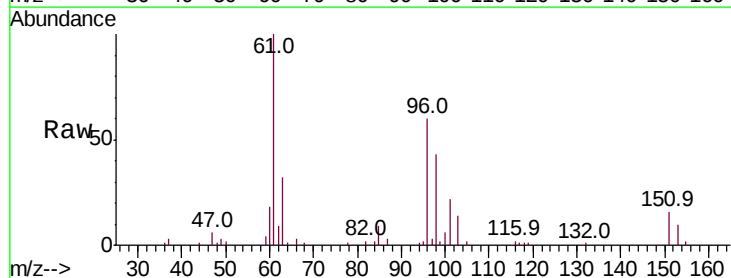
Tot Ion: 59 Resp: 11732
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.8 11.8

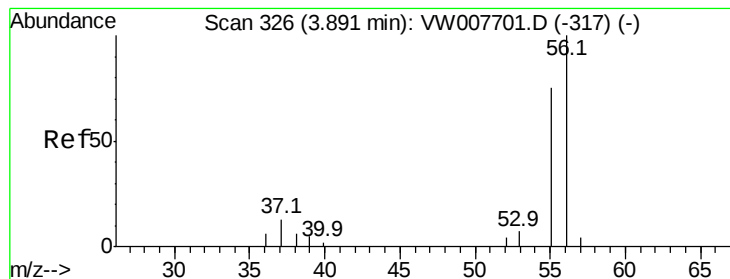


#12

1,1-Dichloroethene
 Concen: 56.557 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion: 96 Resp: 25743
 Ion Ratio Lower Upper
 96 100
 61 167.5 130.6 195.8
 98 72.6 52.3 78.5





#13

Acrolein

Concen: 120.119 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

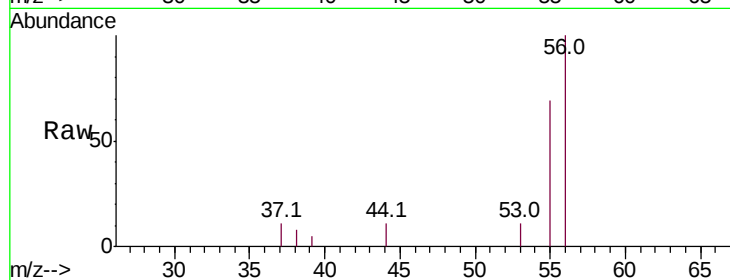
ClientSampled :

Tot Ion: 56 Resp: 3276

Ion Ratio Lower Upper

56 100

55 74.2 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

1500

1000

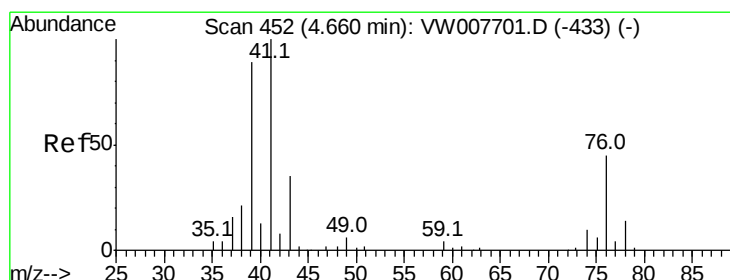
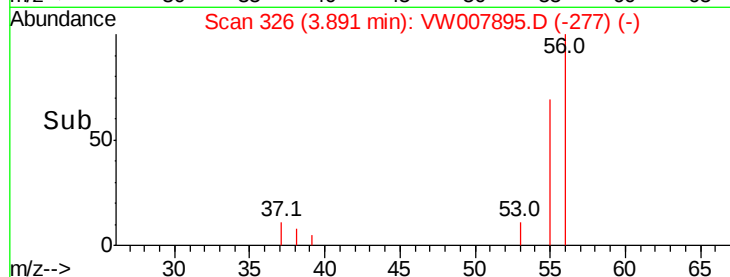
500

0

Time-->

3.80 3.85 3.90 3.95

3.89



#14

Allyl chloride

Concen: 69.862 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

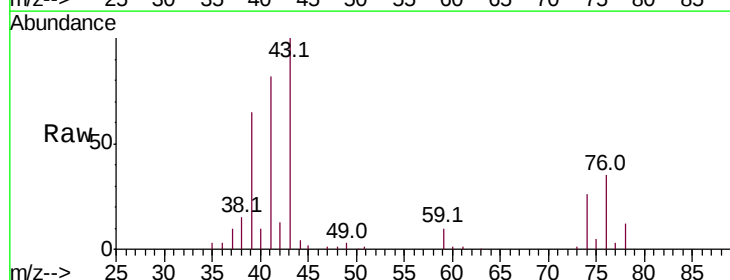
Tgt Ion: 41 Resp: 41700

Ion Ratio Lower Upper

41 100

39 77.1 69.5 104.3

76 39.1 34.8 52.2



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

15000

10000

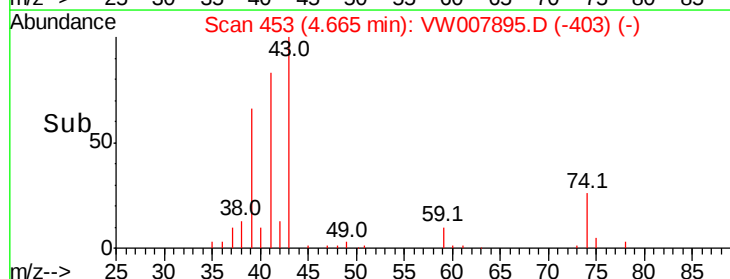
5000

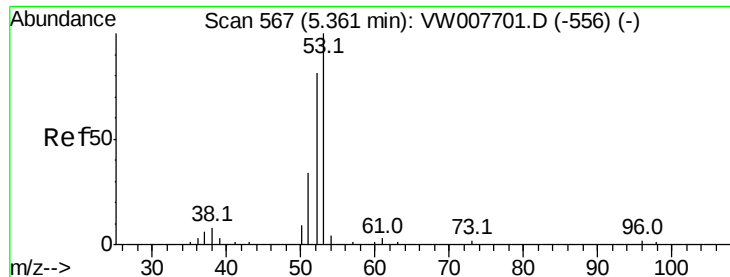
0

Time-->

4.50 4.60 4.70 4.80

4.67





#15

Acrylonitrile

Concen: 361.582 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

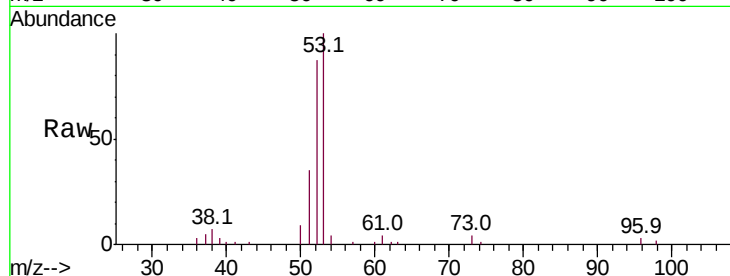
Tot Ion: 53 Resp: 31531

Ion Ratio Lower Upper

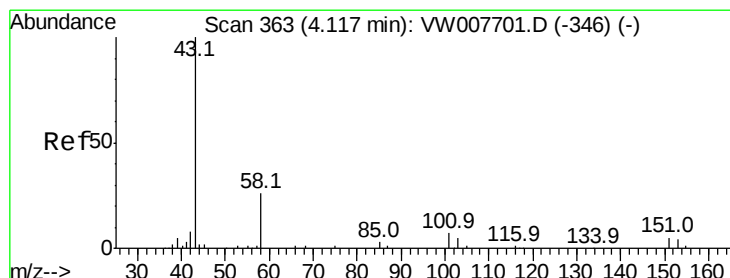
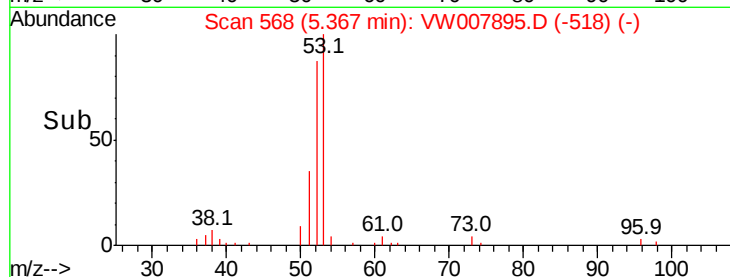
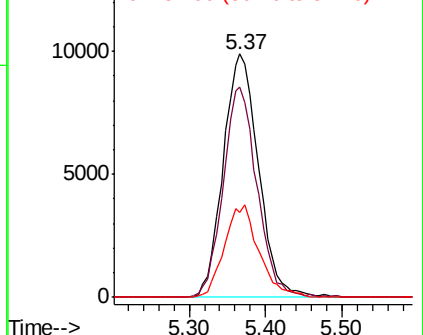
53 100

52 82.7 67.0 100.4

51 37.2 30.2 45.2



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



#16

Acetone

Concen: 258.228 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007895.D

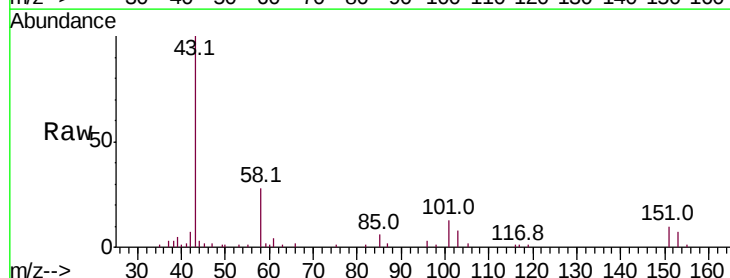
Acq: 24 Dec 2018 18:01

Tgt Ion: 43 Resp: 24451

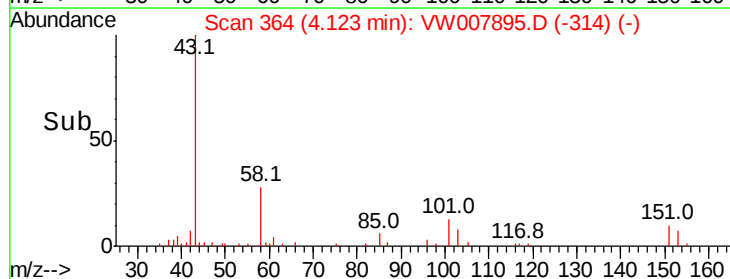
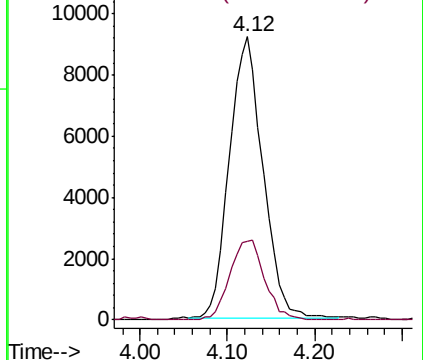
Ion Ratio Lower Upper

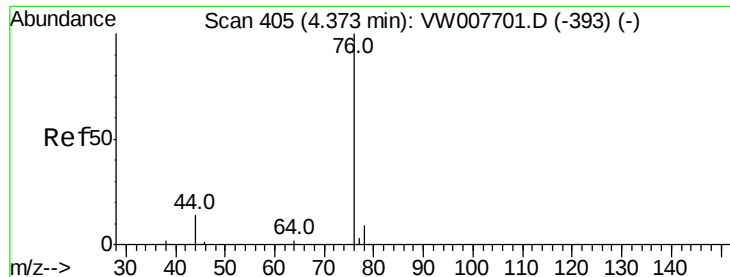
43 100

58 28.0 21.2 31.8



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

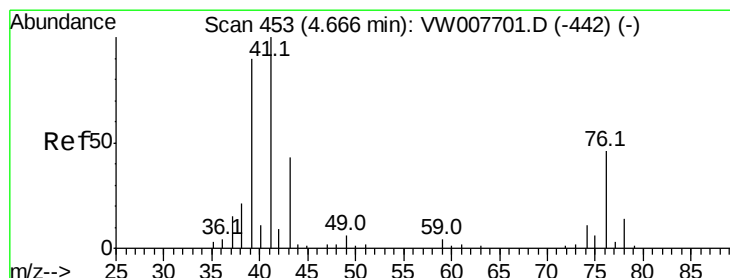
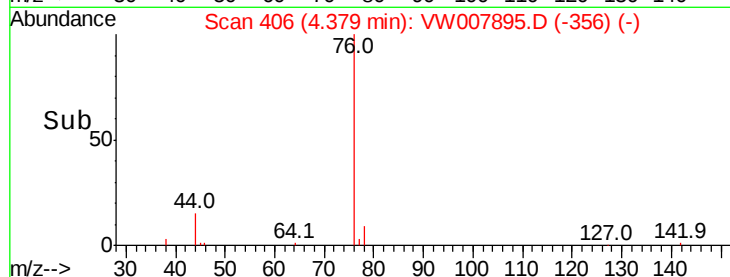
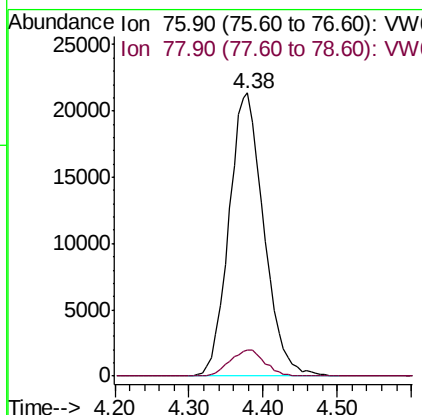
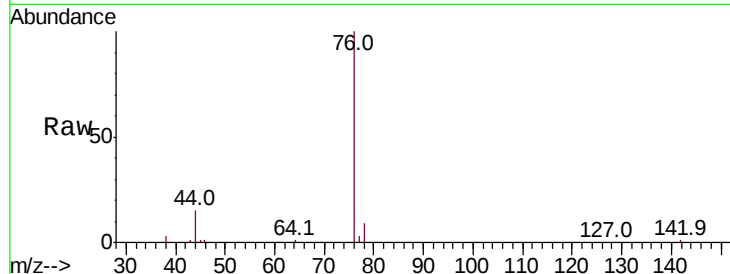




#17
Carbon Disulfide
Concen: 49.615 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

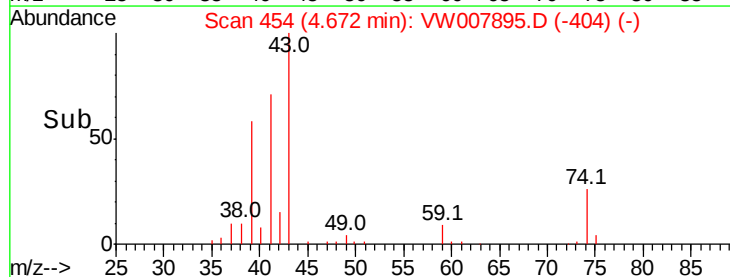
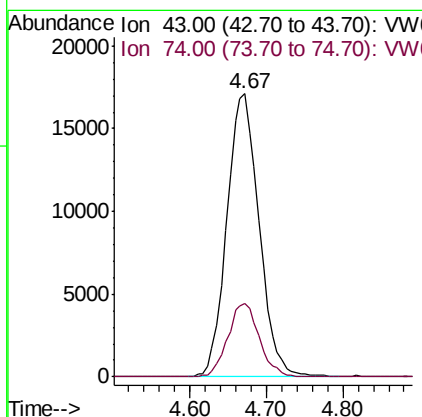
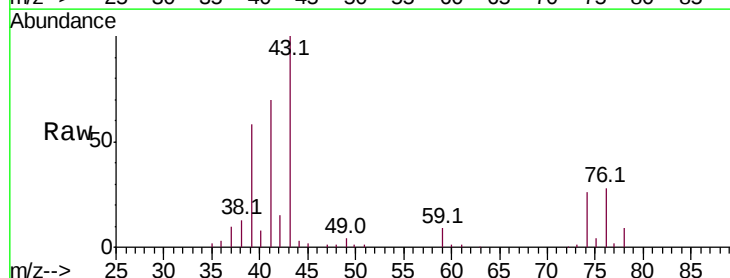
Instrument :
MSVOA_W
ClientSampleId :

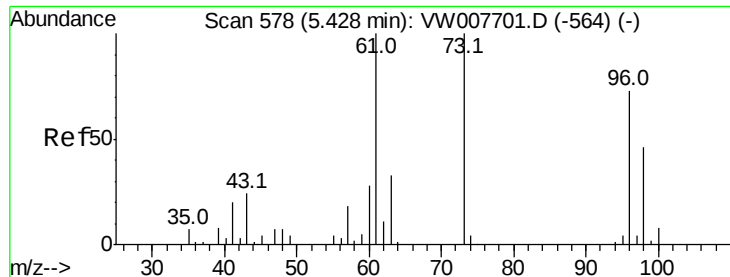
Tot Ion: 76 Resp: 69884
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 221.273 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 43 Resp: 49828
Ion Ratio Lower Upper
43 100
74 25.2 22.7 34.1

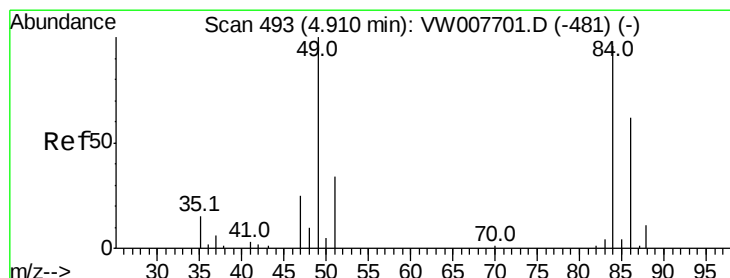
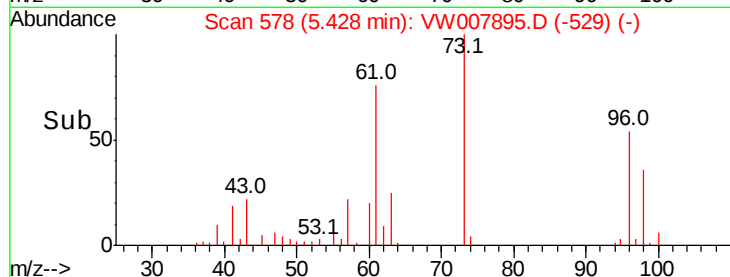
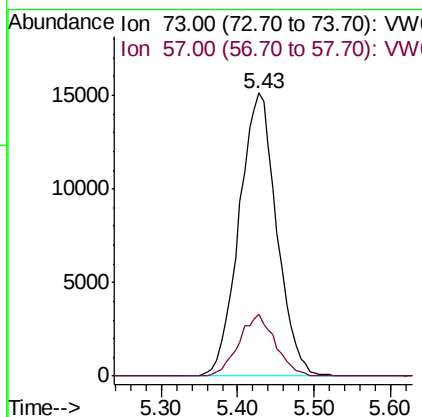
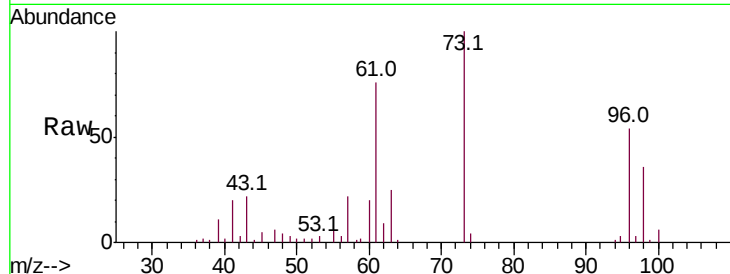




#19
Methvl tert-butvl Ether
Concen: 78.884 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

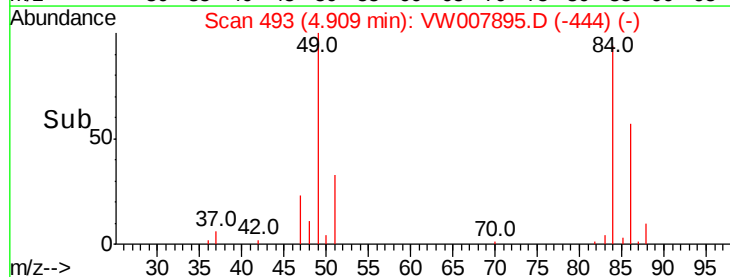
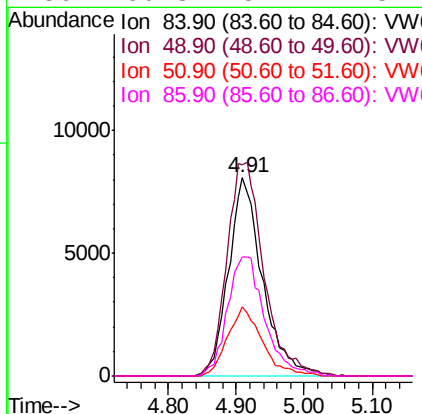
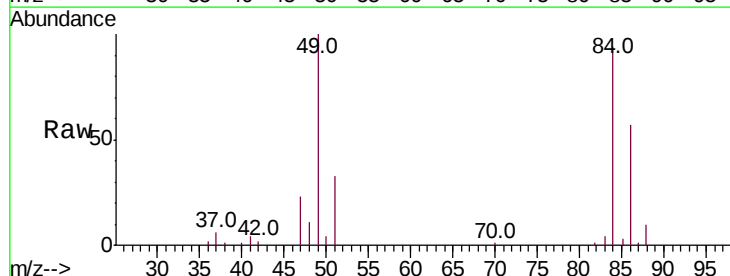
Instrument :
MSVOA_W
ClientSampled :

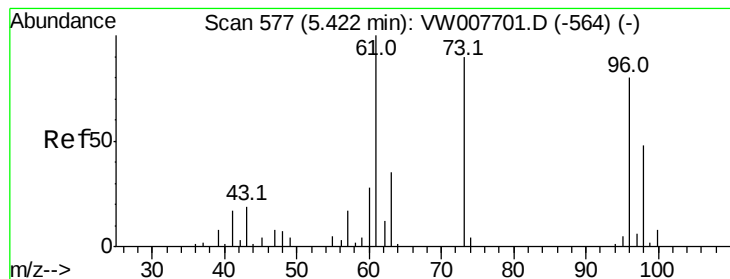
Tot Ion: 73 Resp: 51547
Ion Ratio Lower Upper
73 100
57 22.0 14.7 22.1



#20
Methylene Chloride
Concen: 60.388 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 84 Resp: 27975
Ion Ratio Lower Upper
84 100
49 106.4 83.7 125.5
51 34.7 28.2 42.2
86 60.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 56.740 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

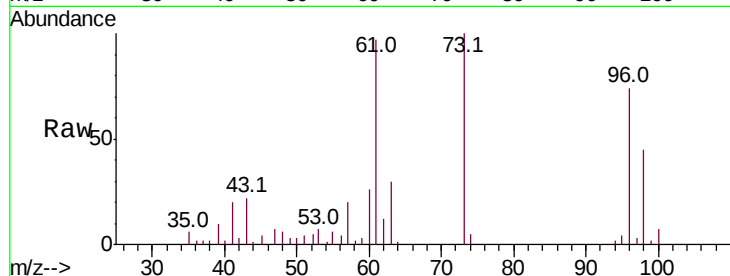
Tot Ion: 96 Resp: 28404

Ion Ratio Lower Upper

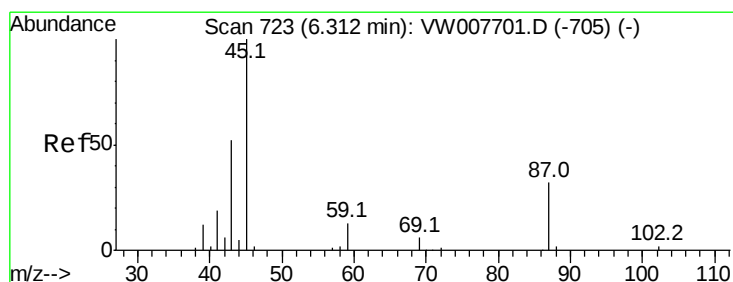
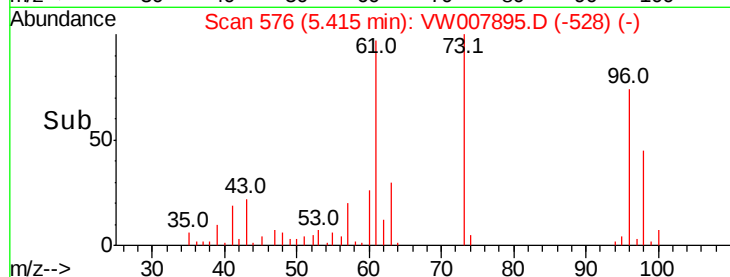
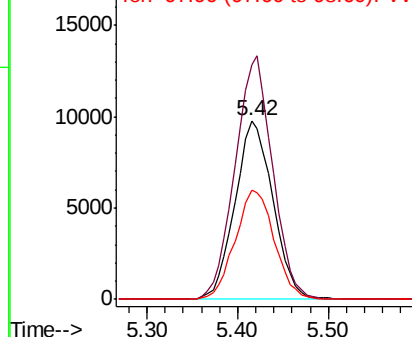
96 100

61 131.3 100.1 150.1

98 61.2 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: 76.003 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Tgt Ion: 45 Resp: 84945

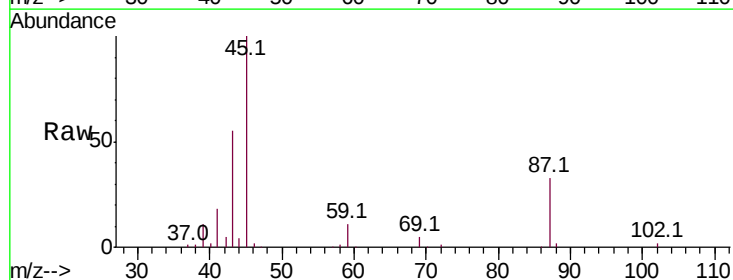
Ion Ratio Lower Upper

45 100

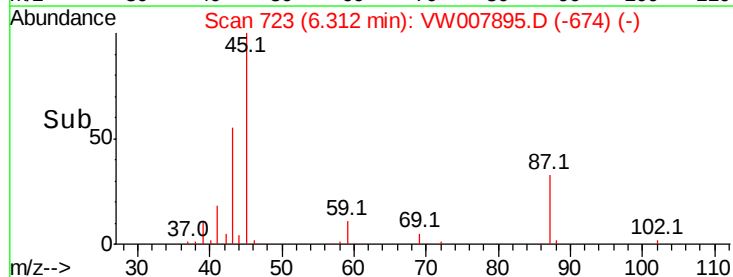
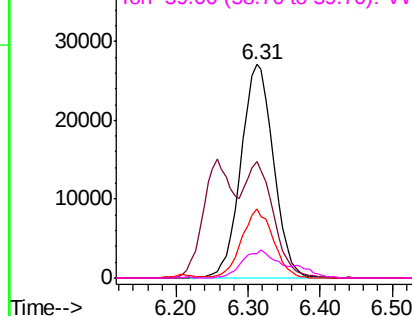
43 54.6 43.7 65.5

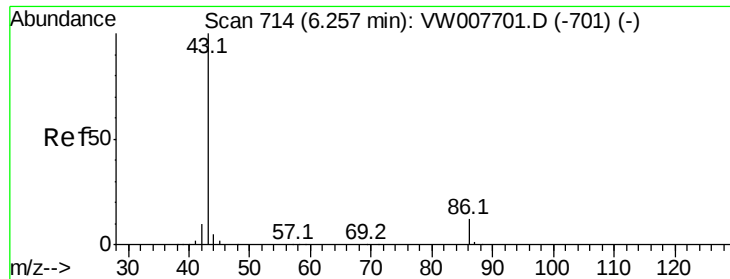
87 32.5 26.6 40.0

59 11.0 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: 66.939 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

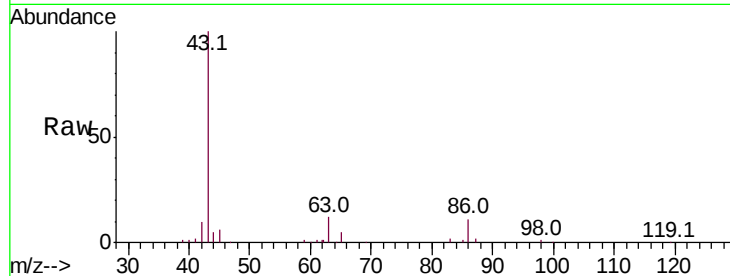
ClientSampled :

Tot Ion: 43 Resp: 44450

Ion Ratio Lower Upper

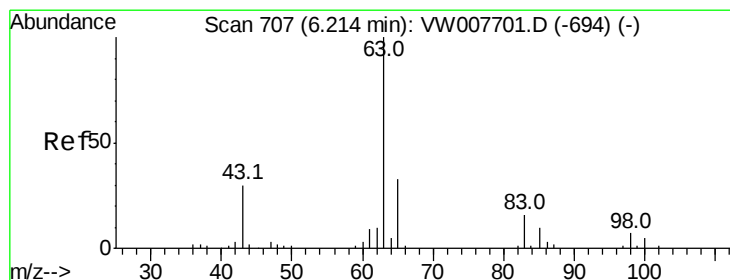
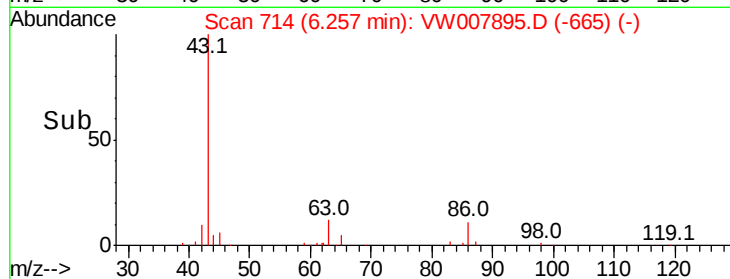
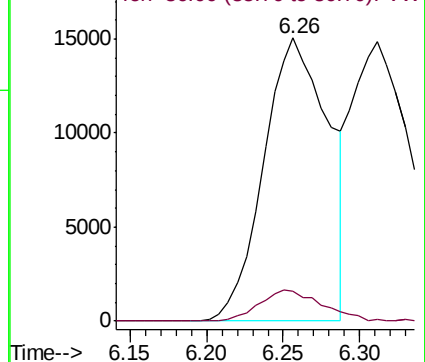
43 100

86 10.6 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: 61.789 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

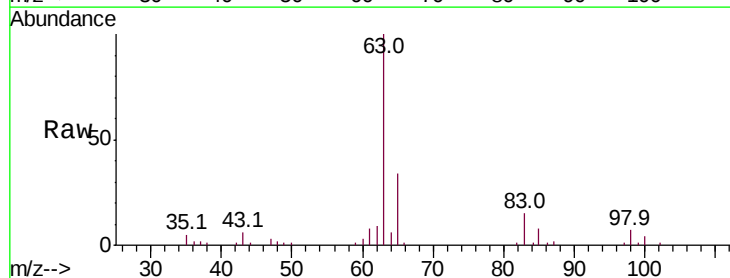
Tgt Ion: 63 Resp: 50804

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

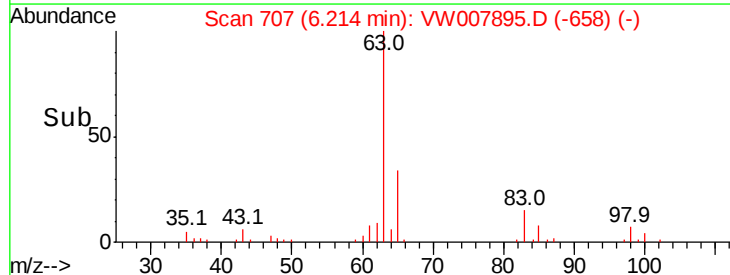
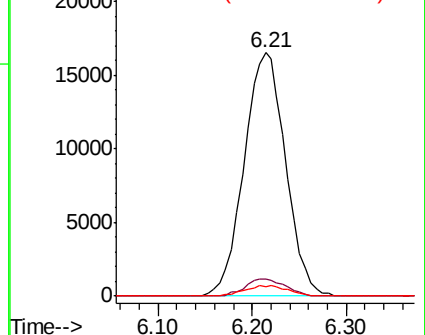
100 4.1 2.5 7.5

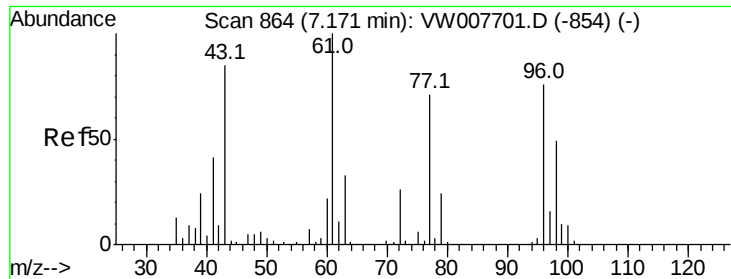


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 345.100 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

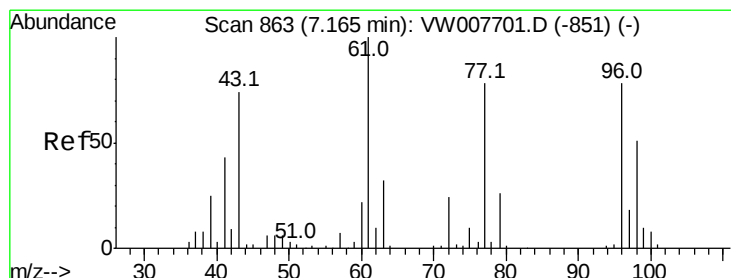
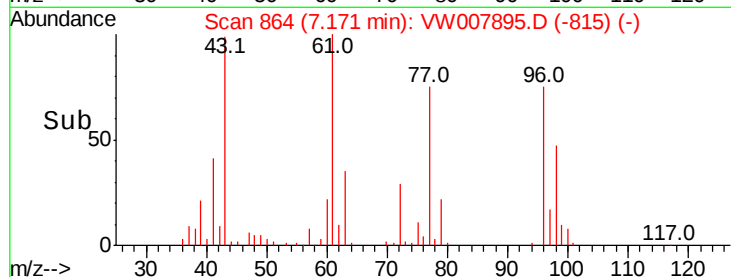
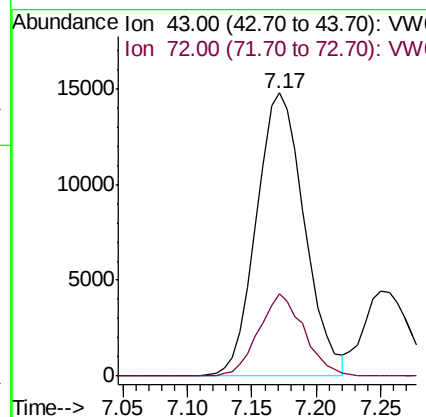
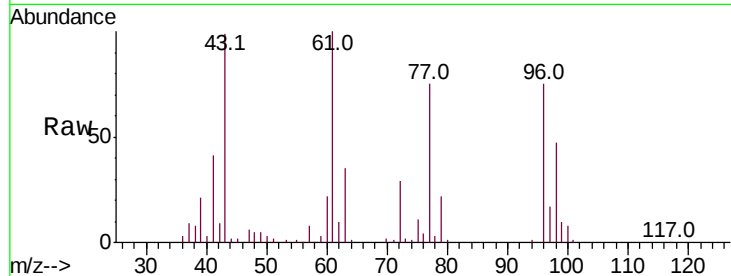
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 38274

Ion Ratio Lower Upper

43 100

72 29.0 24.5 36.7



#26

2,2-Dichloropropane

Concen: 56.525 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007895.D

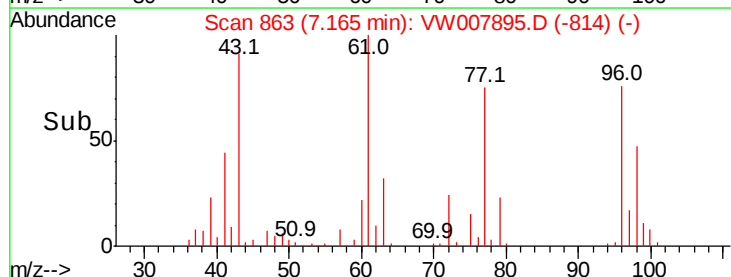
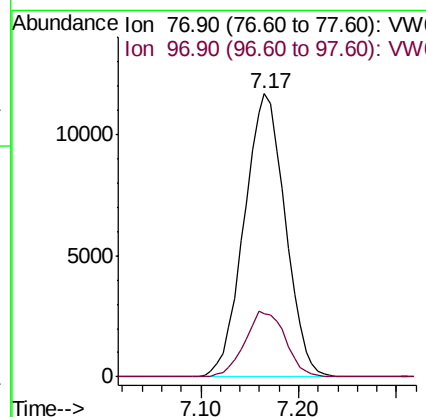
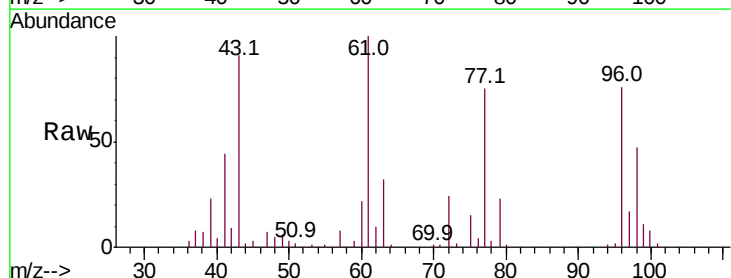
Acq: 24 Dec 2018 18:01

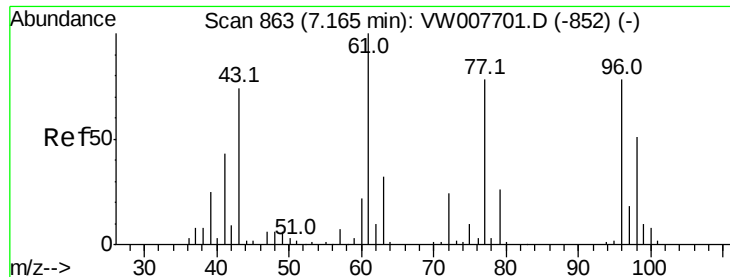
Tgt Ion: 77 Resp: 34009

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9



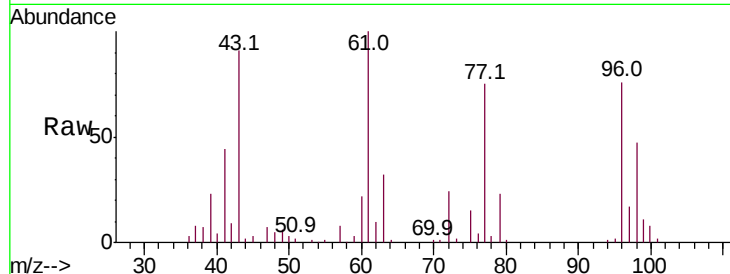


#27

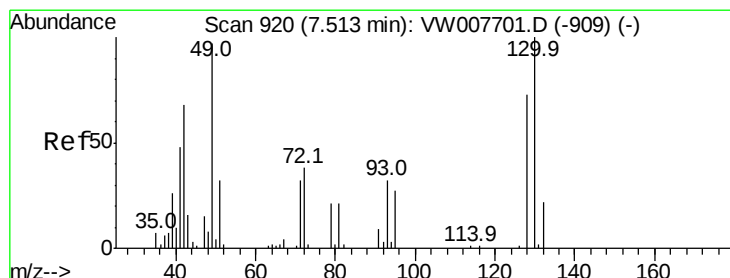
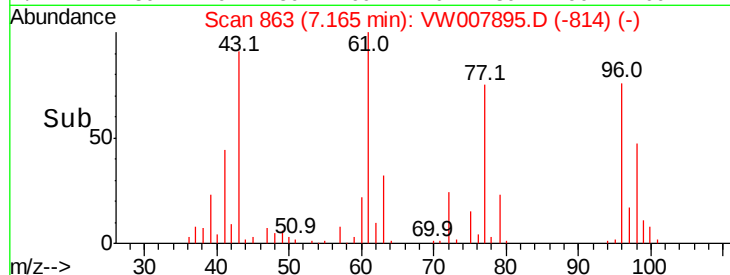
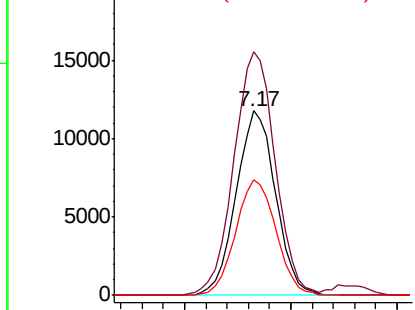
cis-1,2-Dichloroethene
Concen: 57.455 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 30643
Ion Ratio Lower Upper
96 100
61 138.1 0.0 271.6
98 64.1 0.0 131.2



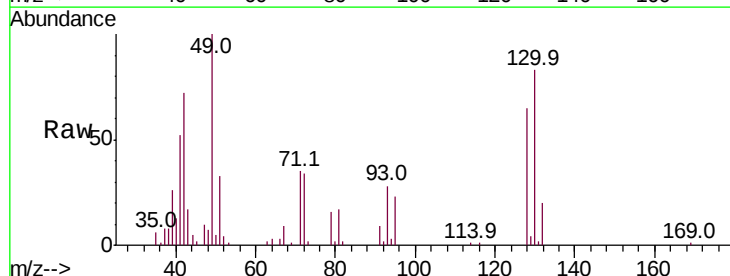
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



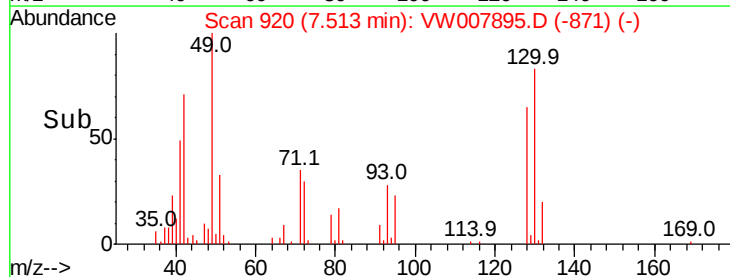
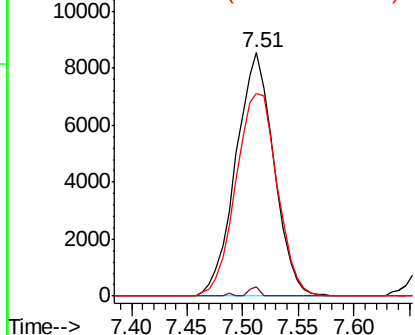
#28

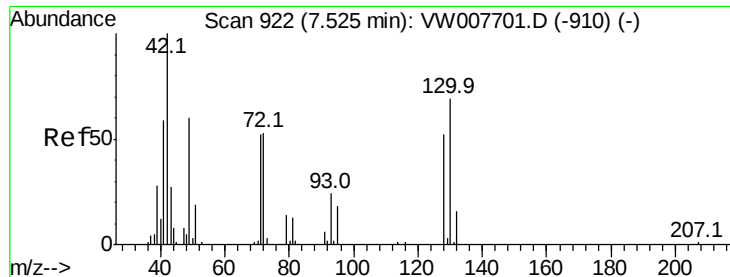
Bromochloromethane
Concen: 72.441 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 49 Resp: 20308
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.2
130 90.3 81.5 122.3



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

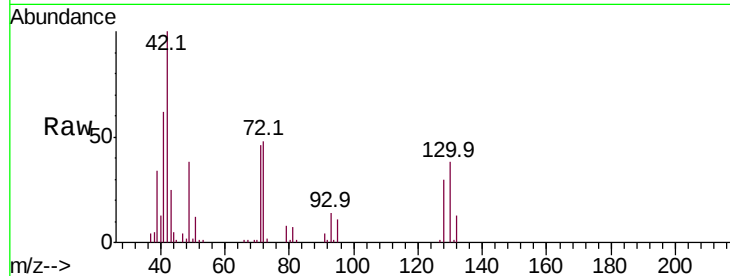




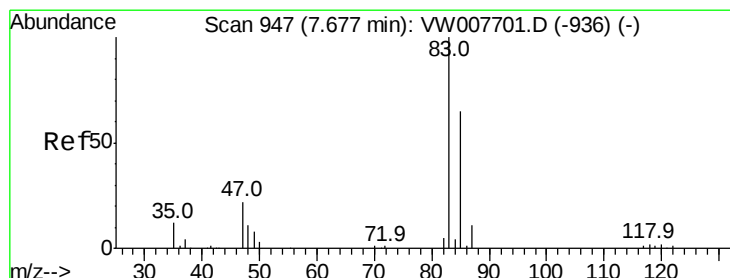
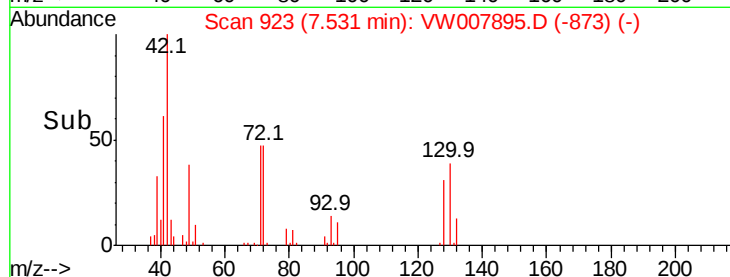
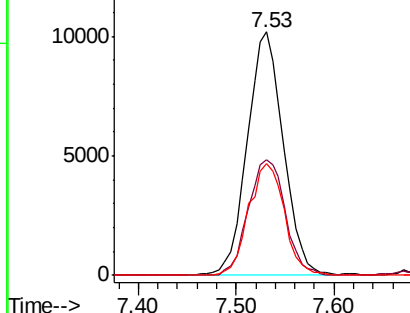
#29
Tetrahydrofuran
Concen: 396.785 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 26249
Ion Ratio Lower Upper
42 100
72 48.6 41.7 62.5
71 45.4 39.0 58.6

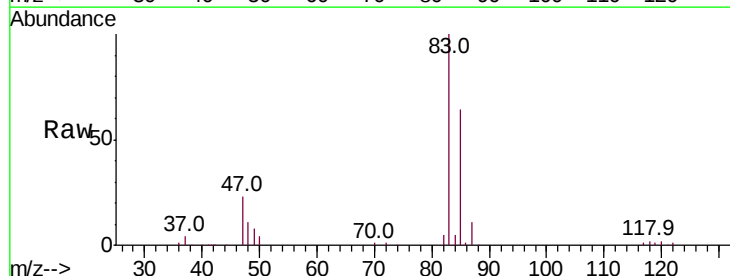


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

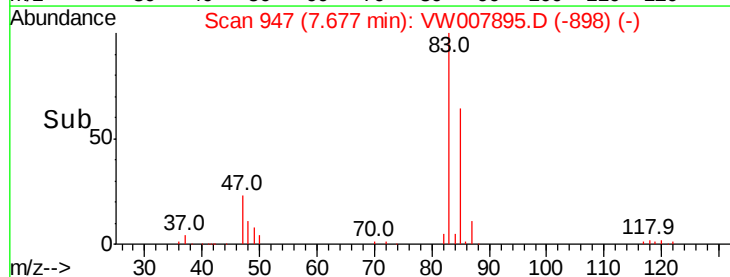
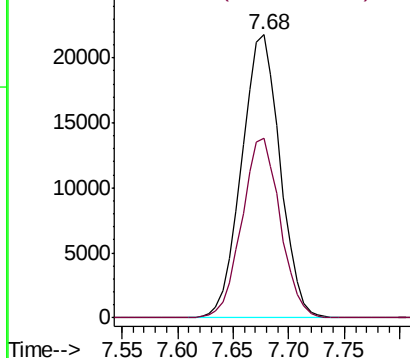


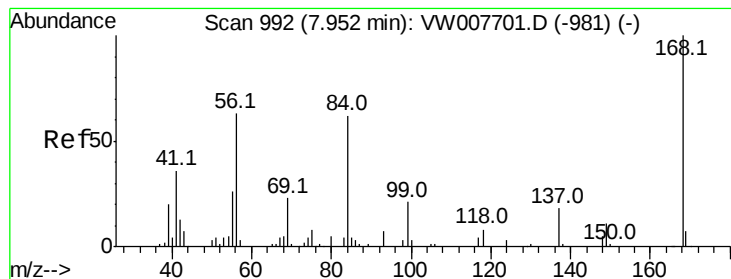
#30
Chloroform
Concen: 56.244 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 83 Resp: 52335
Ion Ratio Lower Upper
83 100
85 63.7 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: 40.278 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampled :

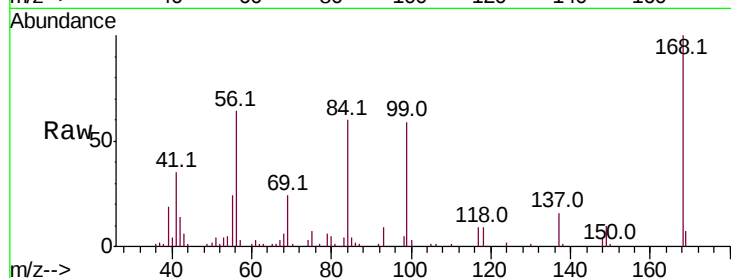
Tot Ion: 56 Resp: 30318

Ion Ratio Lower Upper

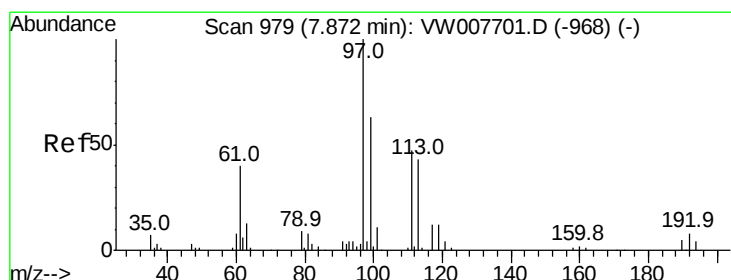
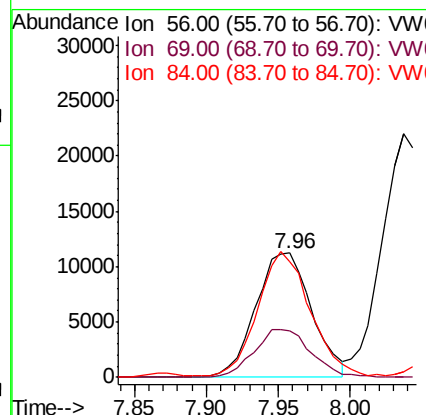
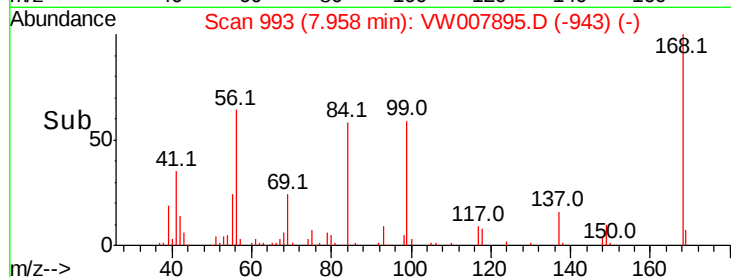
56 100

69 37.8 29.7 44.5

84 92.1 78.9 118.3



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 51.394 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

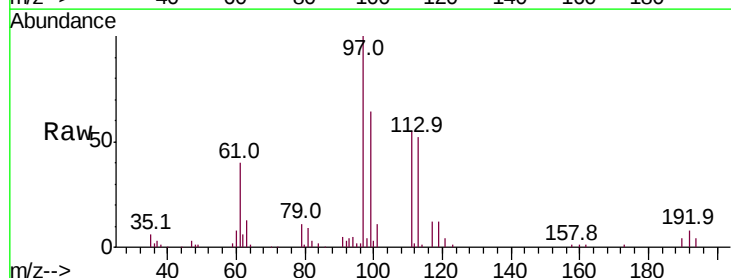
Tgt Ion: 97 Resp: 43554

Ion Ratio Lower Upper

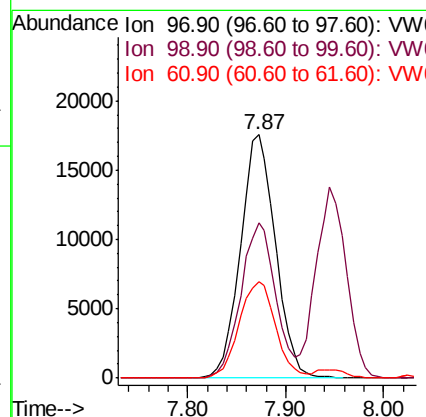
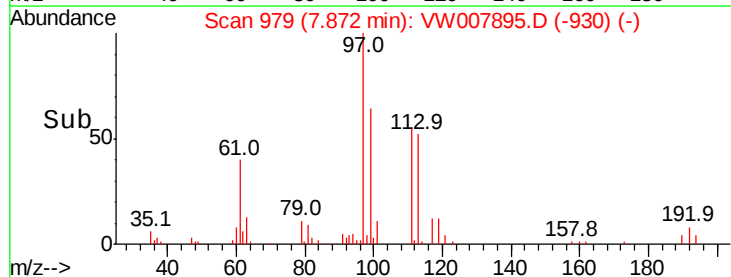
97 100

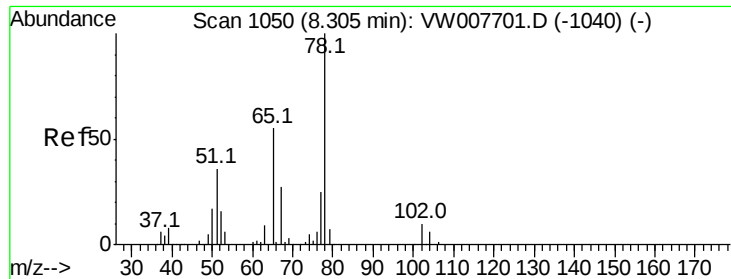
99 63.4 50.6 76.0

61 41.4 32.3 48.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

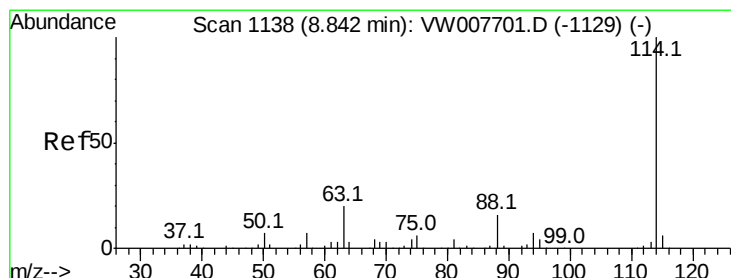
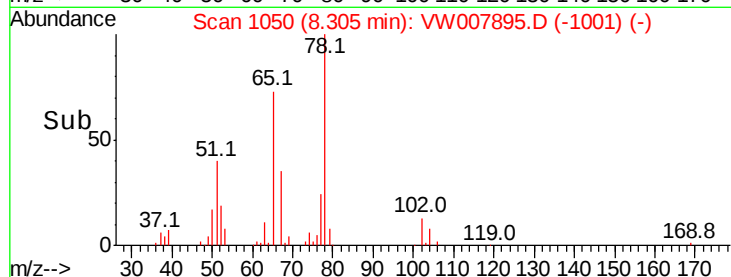
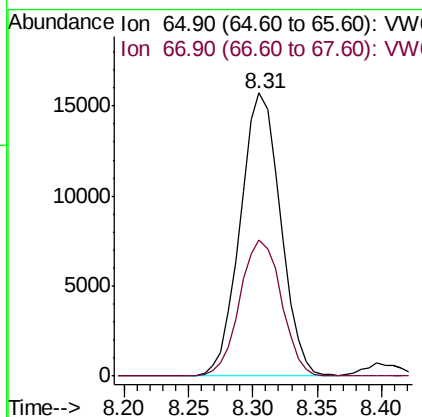
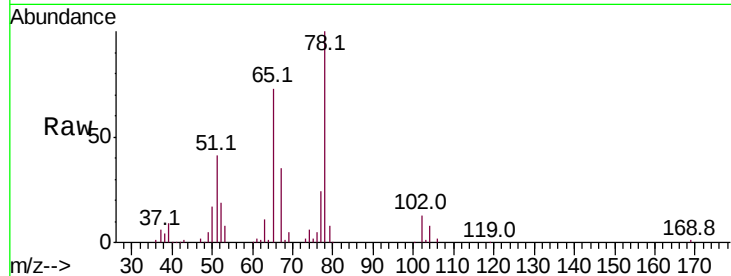




#33
 1,2-Dichloroethane-d4
 Concen: 67.454 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

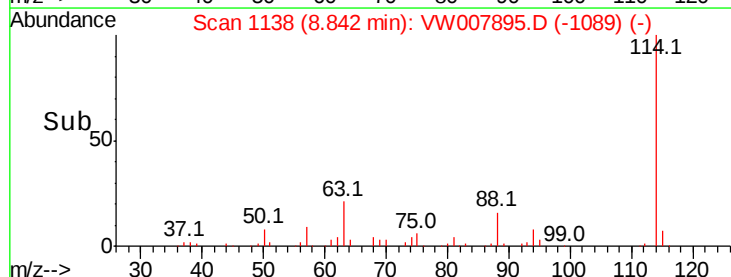
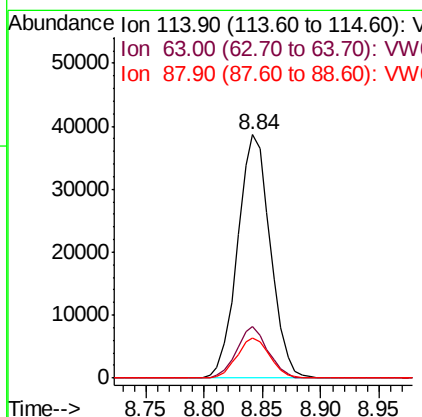
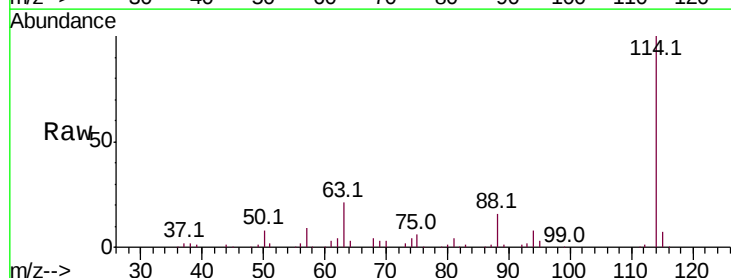
Instrument :
 MSVOA_W
 ClientSampleId :

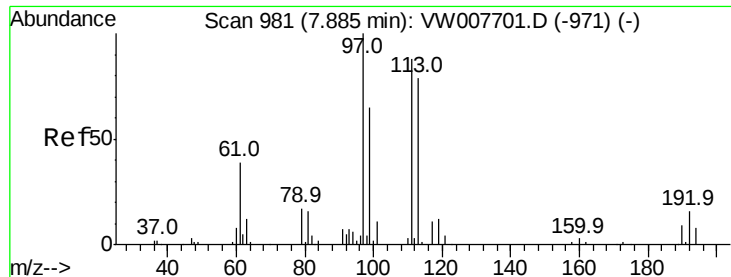
Tot Ion: 65 Resp: 34108
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion: 114 Resp: 75648
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.0
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 61.834 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :

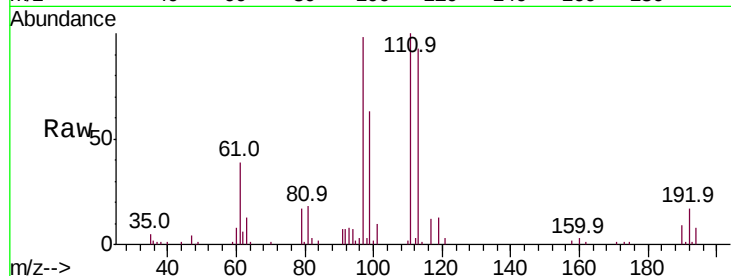
Tot Ion:113 Resp: 28536

Ion Ratio Lower Upper

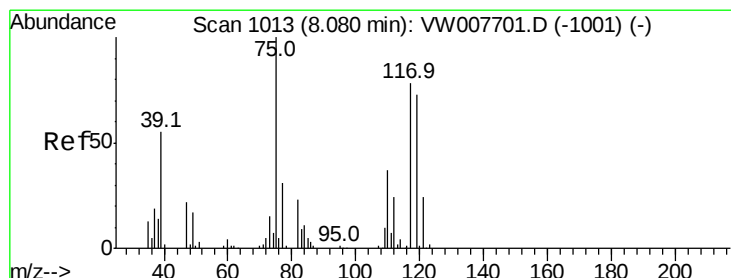
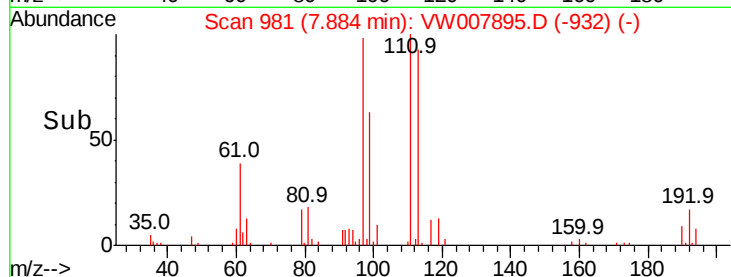
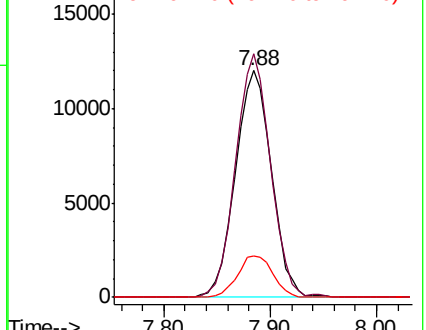
113 100

111 104.0 82.6 124.0

192 18.1 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: 46.713 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

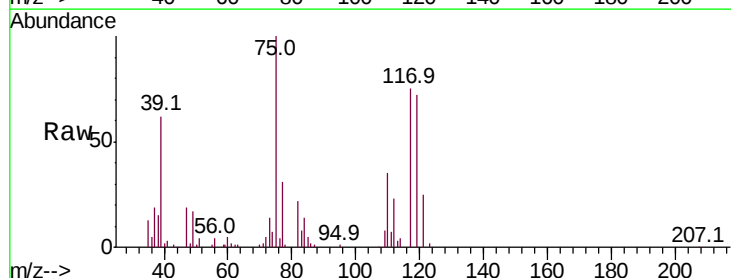
Tgt Ion: 75 Resp: 34107

Ion Ratio Lower Upper

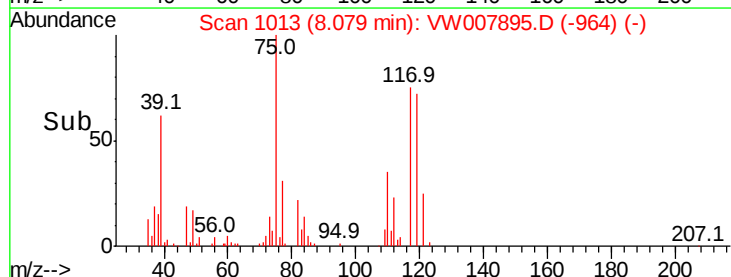
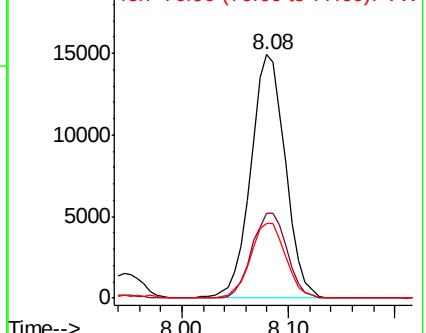
75 100

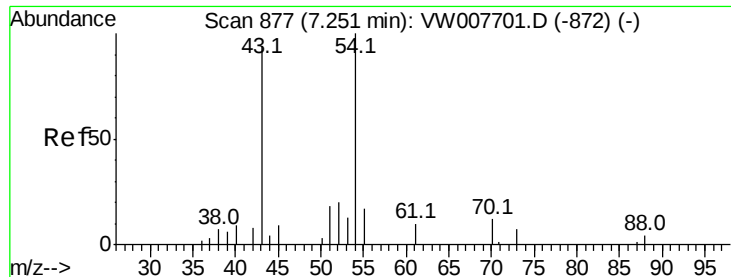
110 35.4 18.6 55.8

77 31.3 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

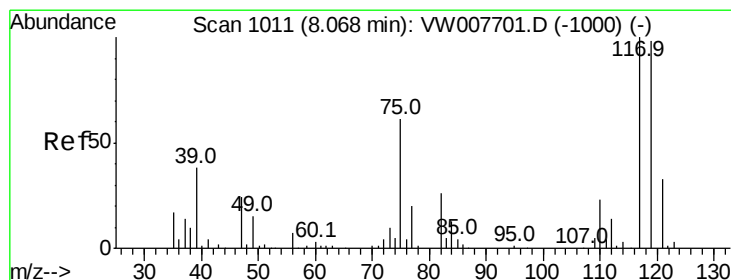
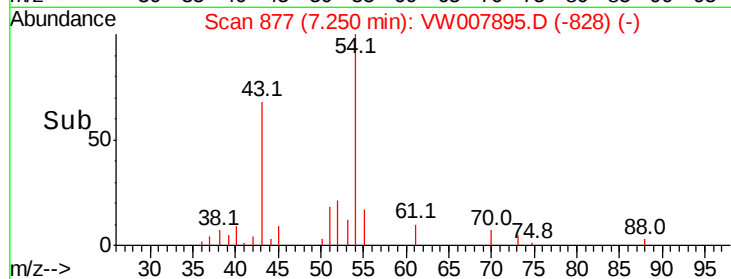
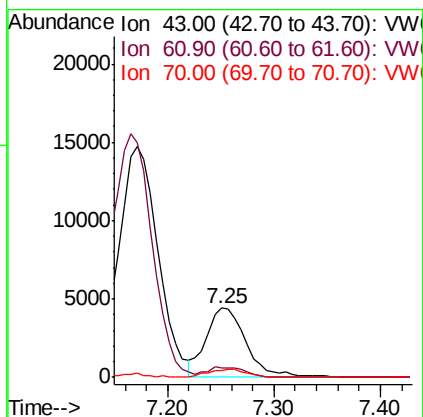
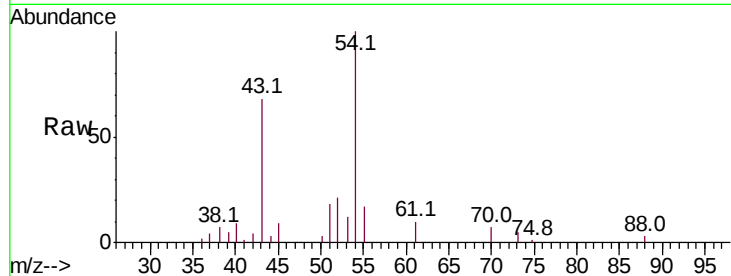




#37
Ethyl Acetate
Concen: 46.051 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

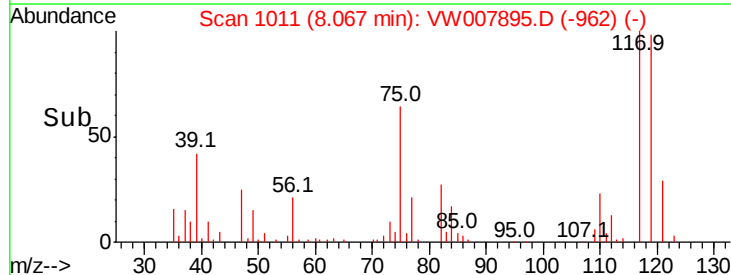
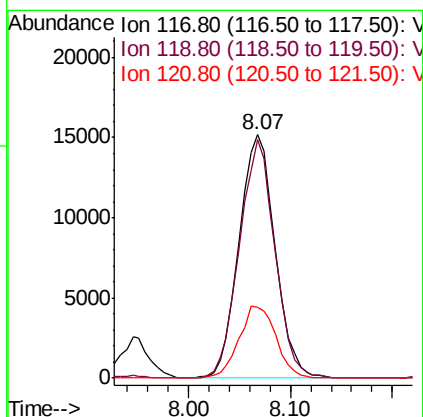
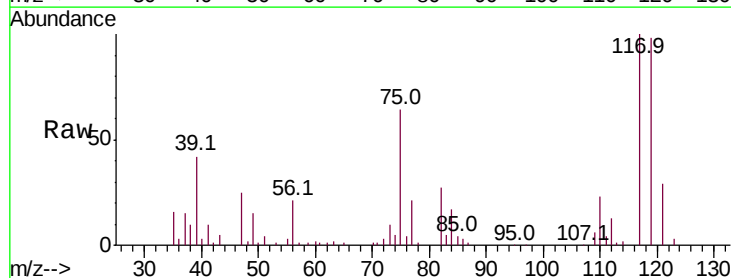
Instrument :
MSVOA_W
ClientSampled :

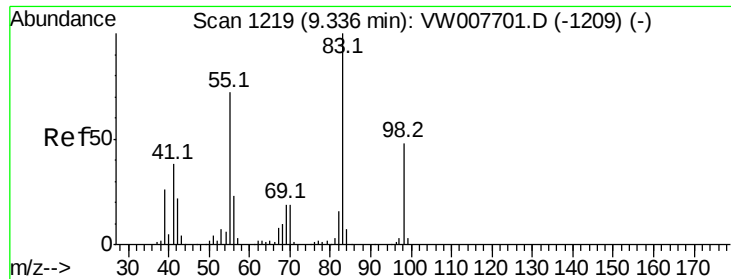
Tot Ion: 43 Resp: 11604
Ion Ratio Lower Upper
43 100
61 13.8 11.2 16.8
70 10.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 43.382 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 117 Resp: 37303
Ion Ratio Lower Upper
117 100
119 98.0 78.2 117.2
121 29.2 26.1 39.1

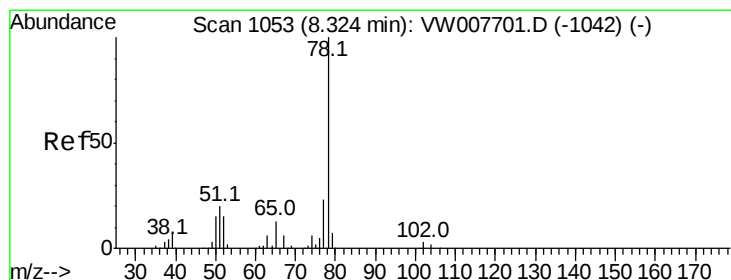
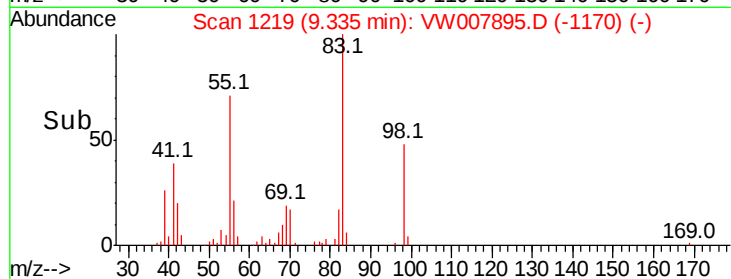
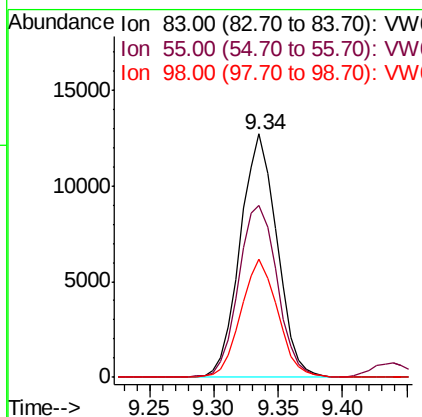
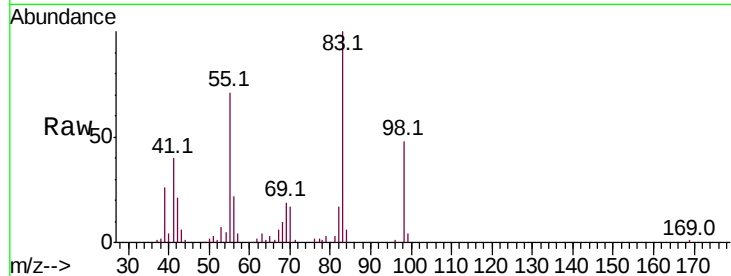




#39
Methvlcvclohexane
Concen: 27.695 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

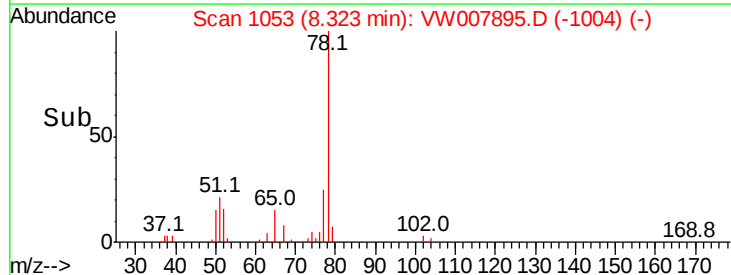
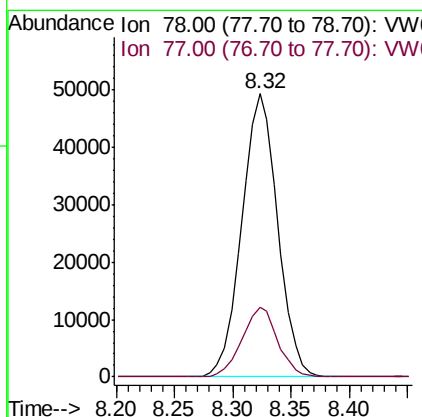
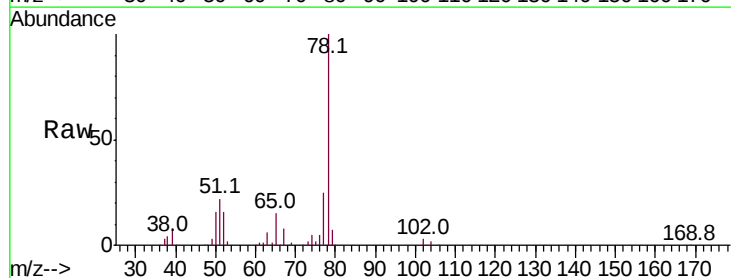
Instrument :
MSVOA_W
ClientSampleId :

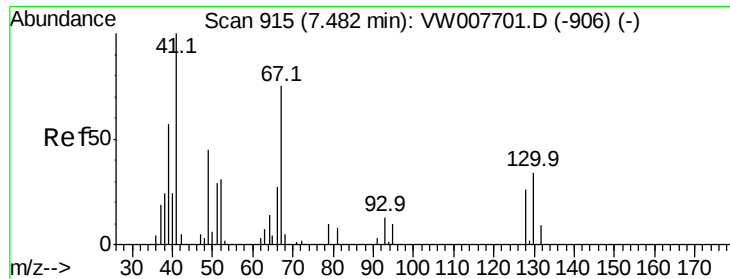
Tot Ion: 83 Resp: 25127
Ion Ratio Lower Upper
83 100
55 70.8 57.2 85.8
98 48.3 38.6 58.0



#40
Benzene
Concen: 54.199 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 78 Resp: 105599
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1

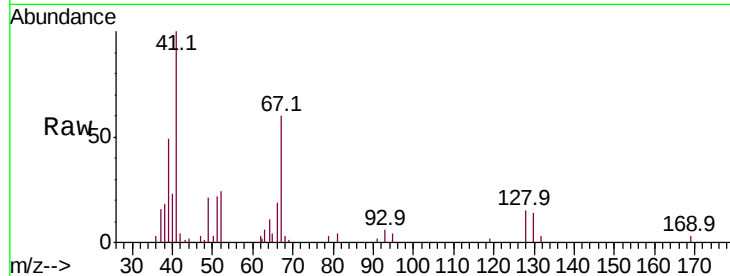




#41
Methacrylonitrile
Concen: 69.361 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	9923
Ion	Ratio	Lower	Upper
41	100		
39	62.5	54.2	81.4
67	74.3	65.7	98.5
52	30.5	26.2	39.4



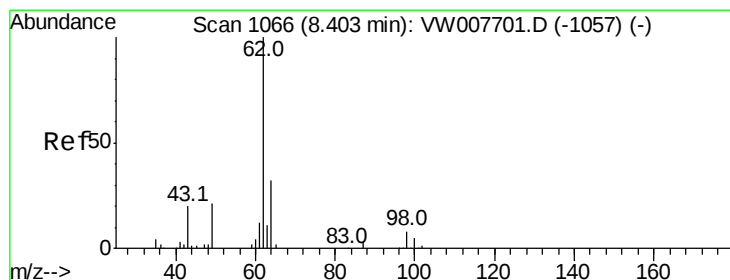
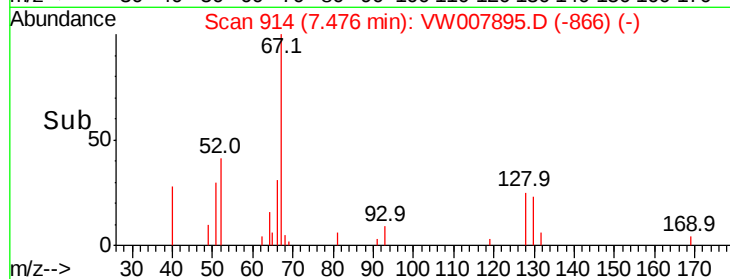
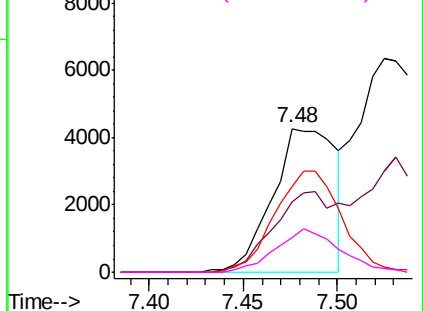
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

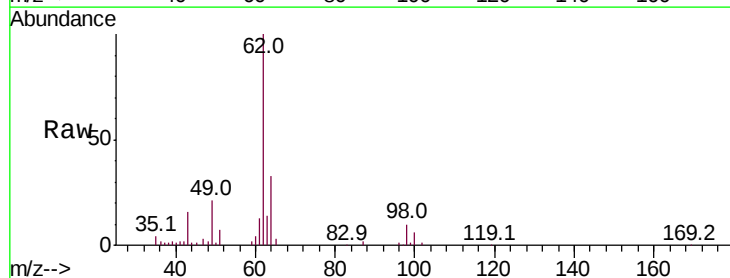
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 58.087 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

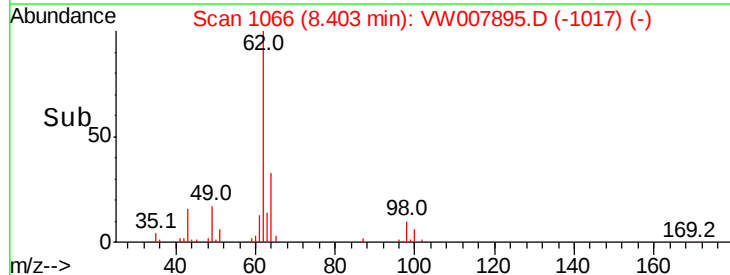
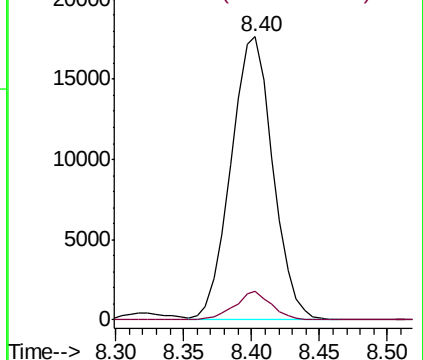
Tgt Ion:	62	Resp:	37927
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6

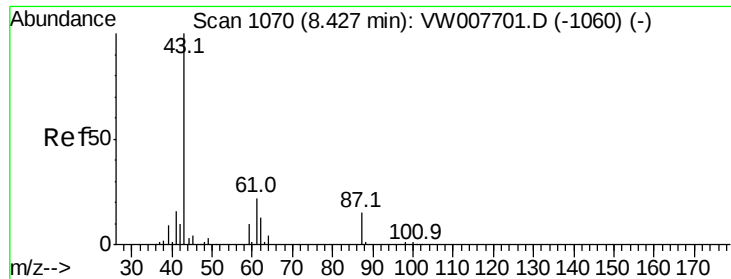


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 53.513 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

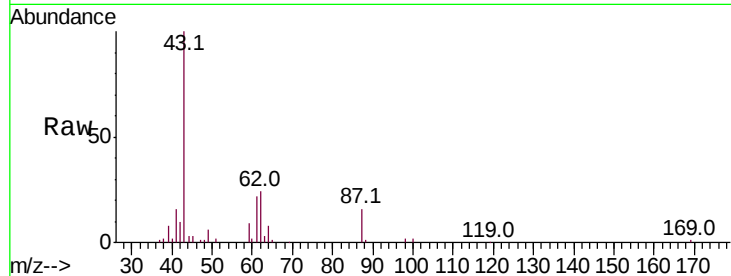
Tot Ion: 43 Resp: 27015

Ion Ratio Lower Upper

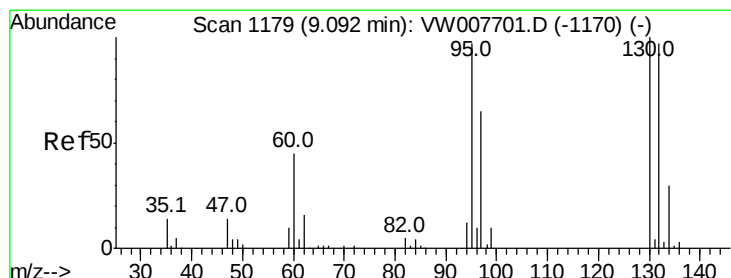
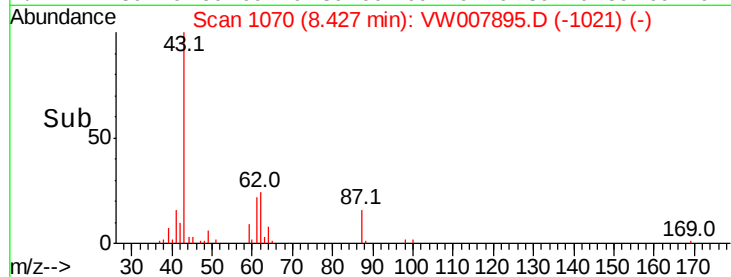
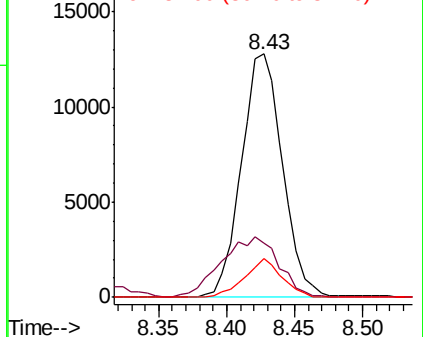
43 100

61 34.5 26.3 39.5

87 14.3 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: 44.739 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007895.D

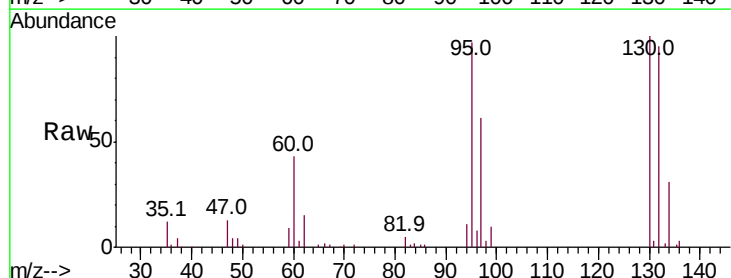
Acq: 24 Dec 2018 18:01

Tgt Ion: 130 Resp: 26361

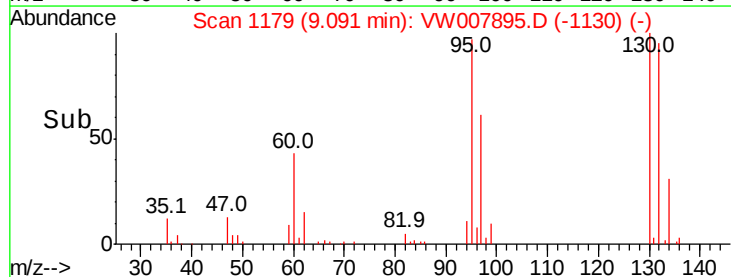
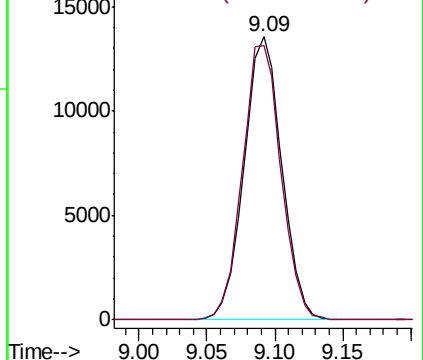
Ion Ratio Lower Upper

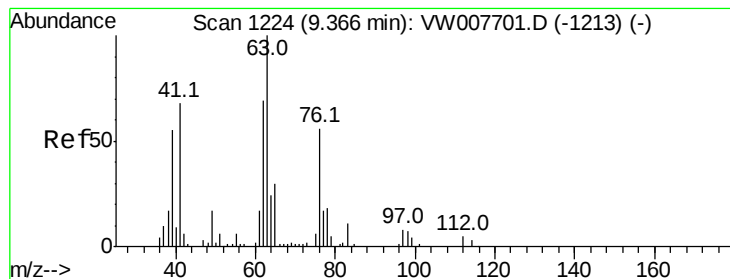
130 100

95 96.9 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: 59.490 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

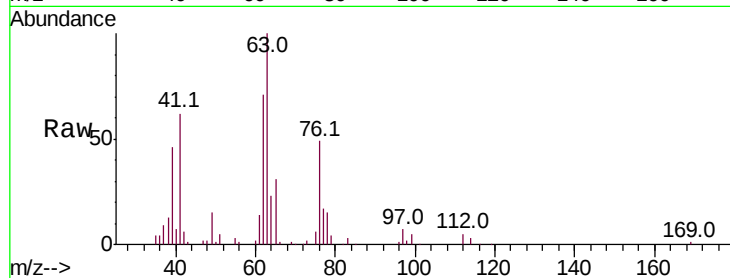
ClientSampled :

Tot Ion: 63 Resp: 25719

Ion Ratio Lower Upper

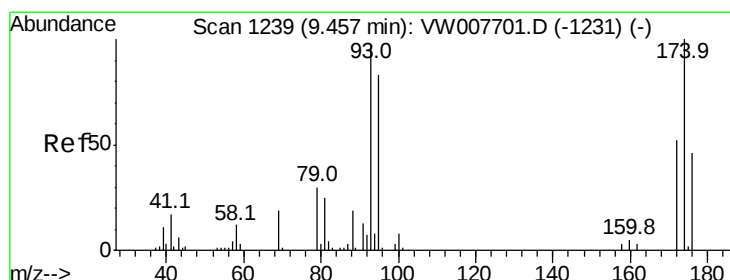
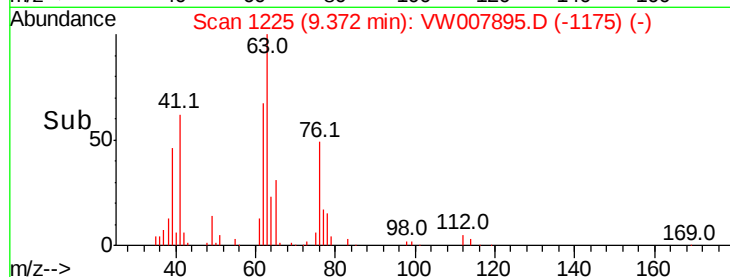
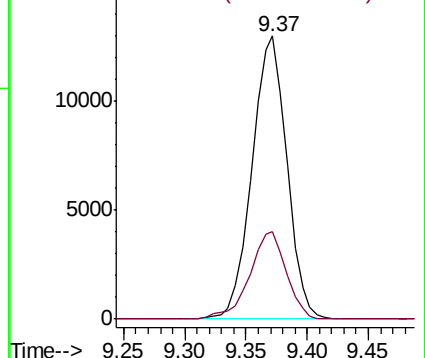
63 100

65 30.9 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: 56.387 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

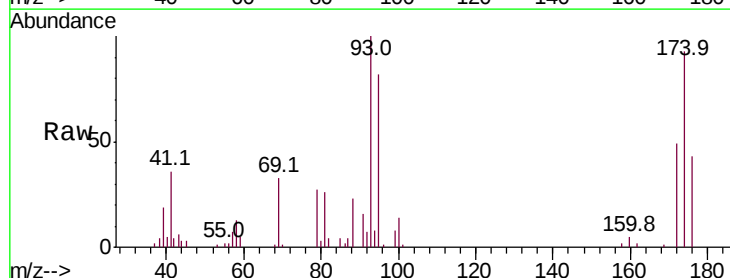
Tgt Ion: 93 Resp: 15006

Ion Ratio Lower Upper

93 100

95 82.7 67.5 101.3

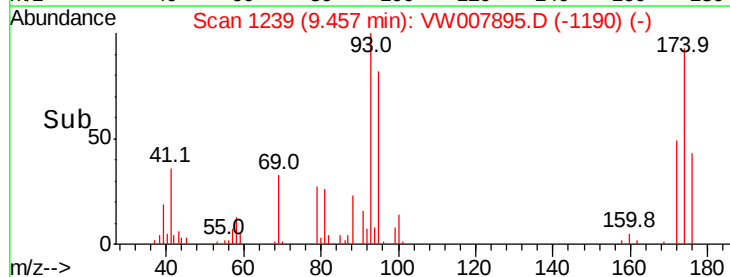
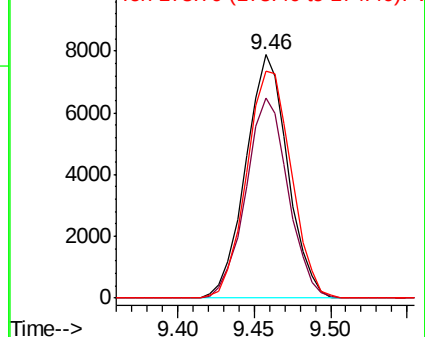
174 99.4 83.9 125.9

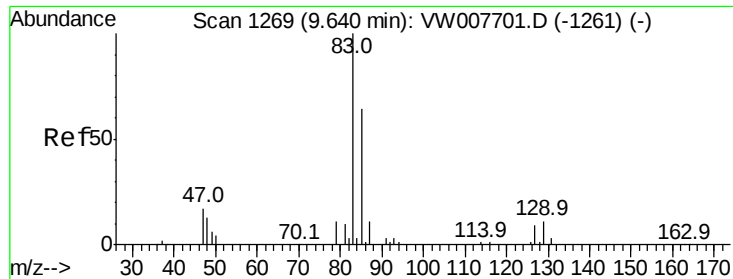


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.989 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampled :

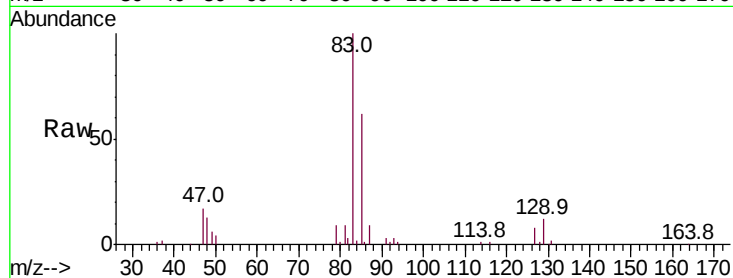
Tot Ion: 83 Resp: 35673

Ion Ratio Lower Upper

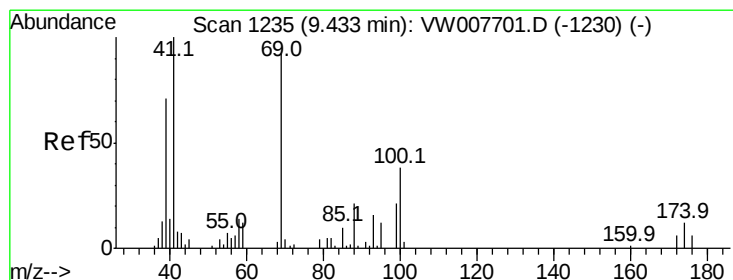
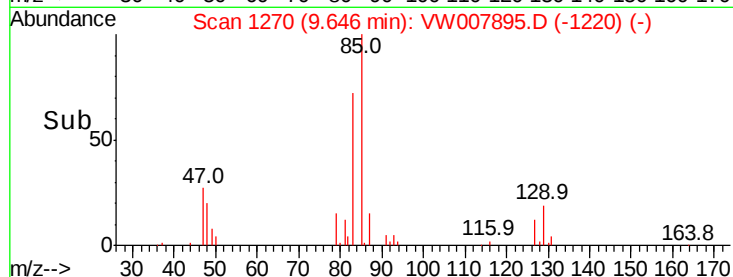
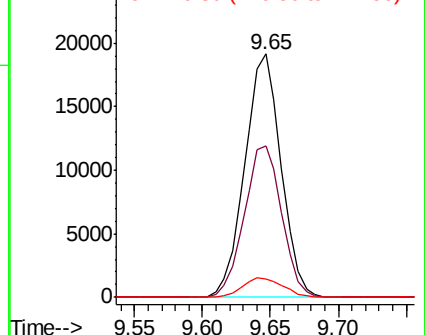
83 100

85 62.1 51.4 77.0

127 7.7 7.5 11.3



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



#48

Methyl methacrylate

Concen: 87.484 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

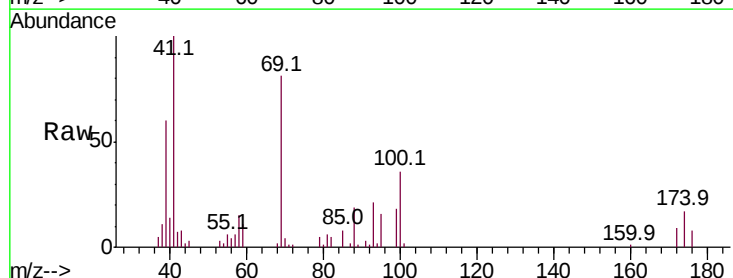
Tgt Ion: 41 Resp: 22045

Ion Ratio Lower Upper

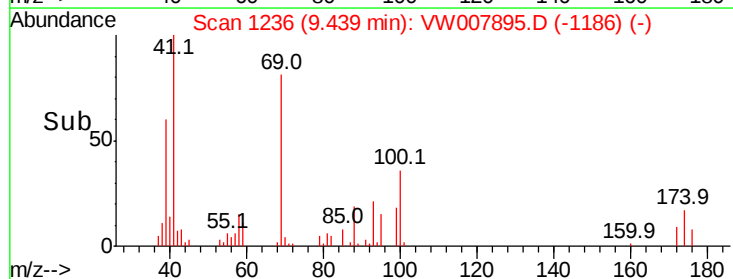
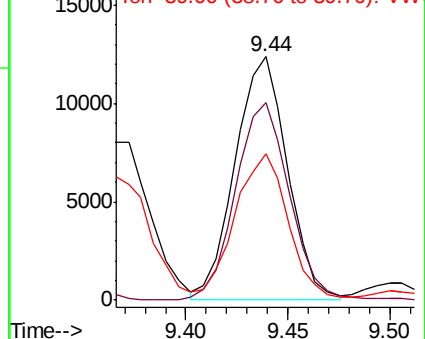
41 100

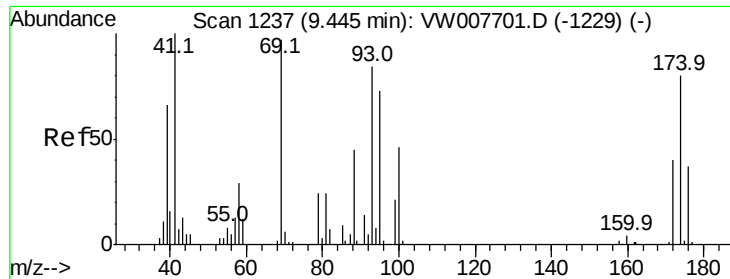
69 83.8 74.2 111.2

39 61.5 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

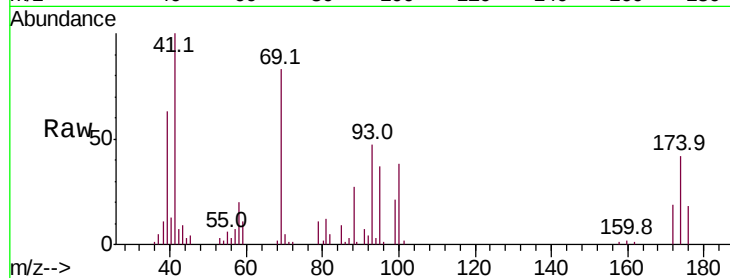




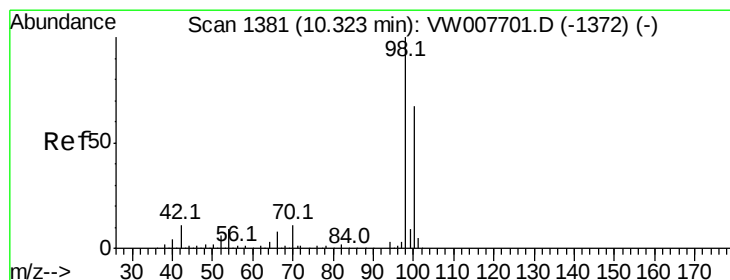
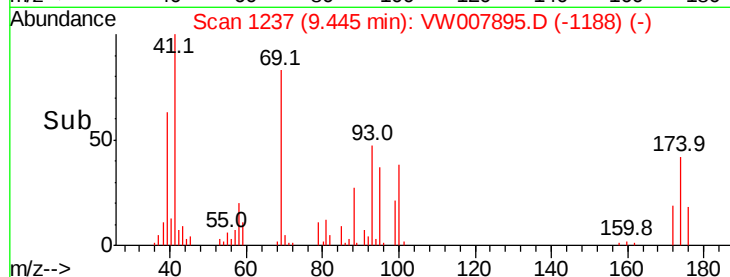
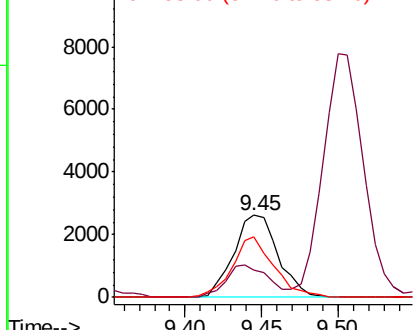
#49
 1,4-Dioxane
 Concen: 1239.776 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 88 Resp: 5231
 Ion Ratio Lower Upper
 88 100
 43 38.8 25.6 38.4#
 58 69.6 52.3 78.5

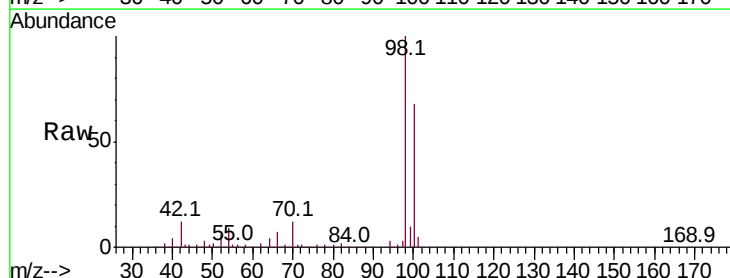


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

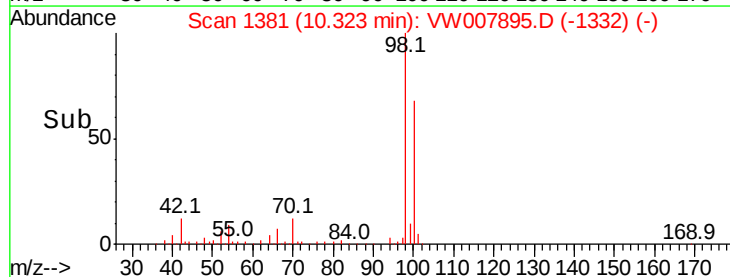
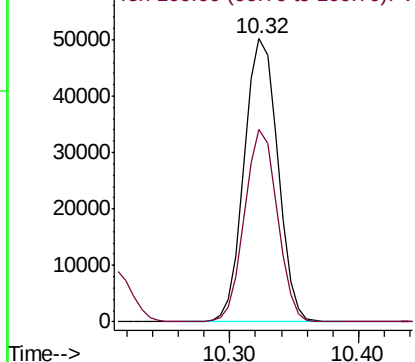


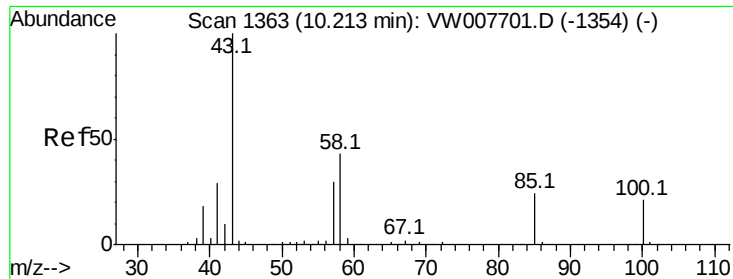
#50
 Toluene-d8
 Concen: 51.981 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion: 98 Resp: 90434
 Ion Ratio Lower Upper
 98 100
 100 66.1 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: 360.148 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

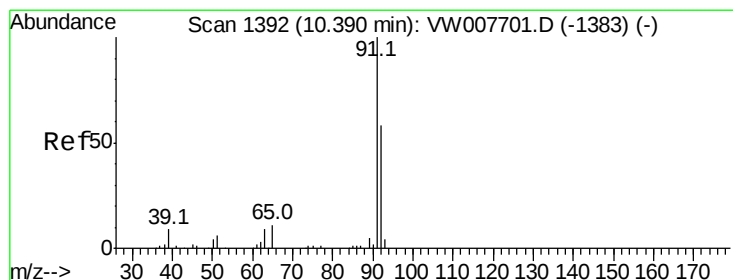
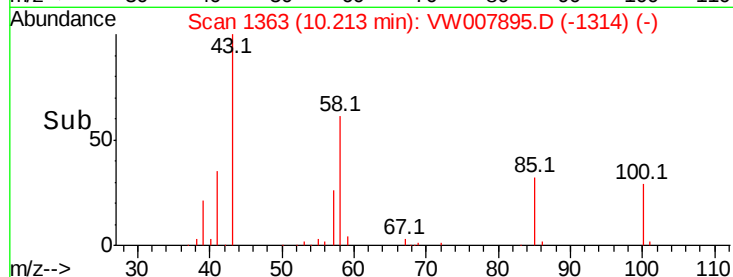
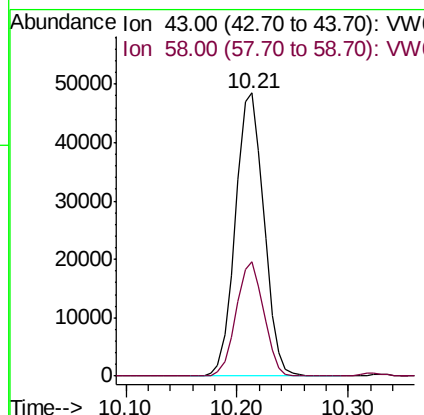
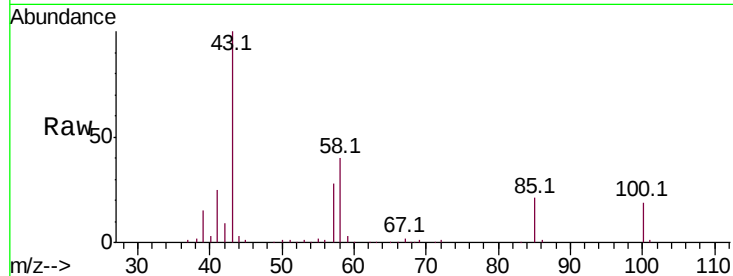
ClientSampleId :

Tot Ion: 43 Resp: 85925

Ion Ratio Lower Upper

43 100

58 39.3 33.2 49.8



#52

Toluene

Concen: 45.653 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007895.D

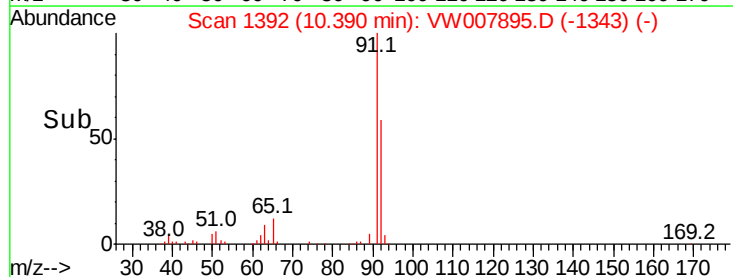
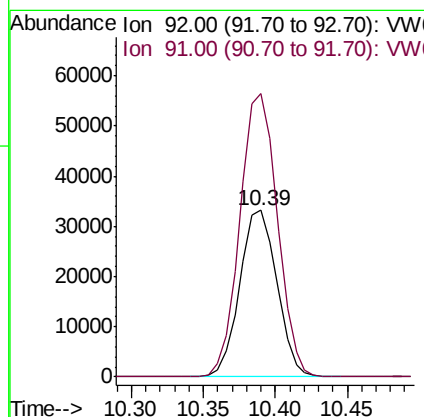
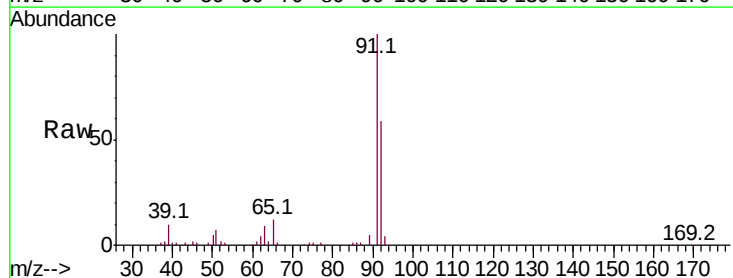
Acq: 24 Dec 2018 18:01

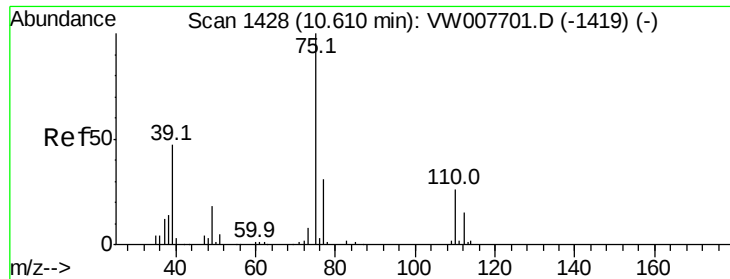
Tgt Ion: 92 Resp: 59679

Ion Ratio Lower Upper

92 100

91 171.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 51.334 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

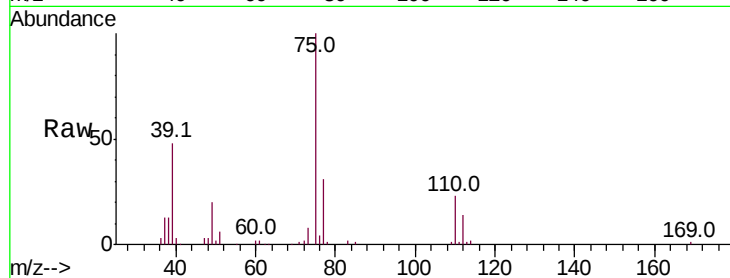
ClientSampled :

Tot Ion: 75 Resp: 35723

Ion Ratio Lower Upper

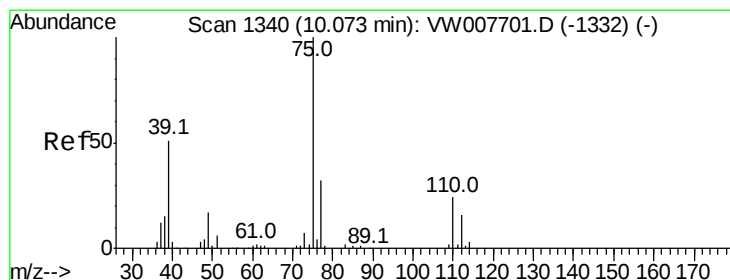
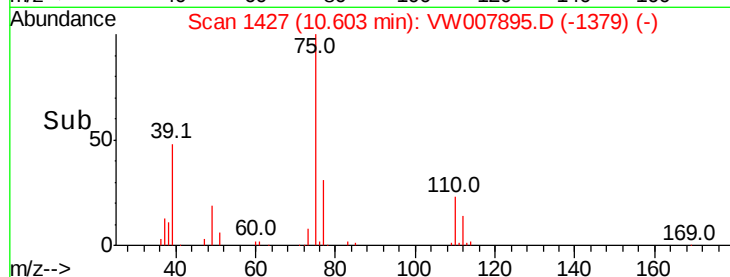
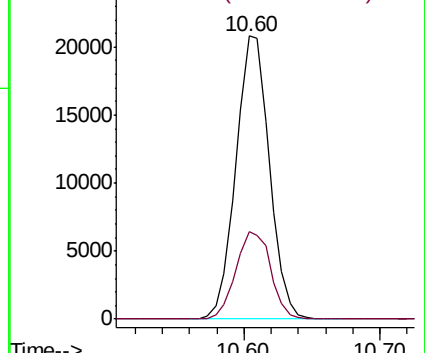
75 100

77 30.8 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: 52.724 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

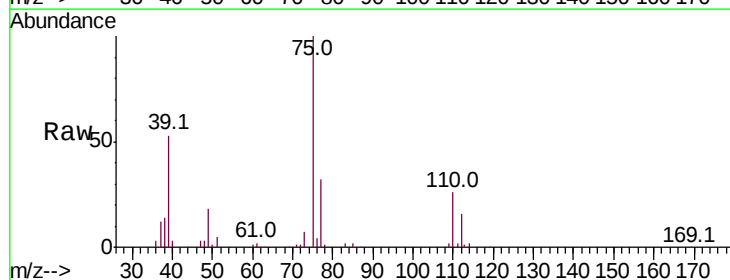
Tgt Ion: 75 Resp: 40527

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

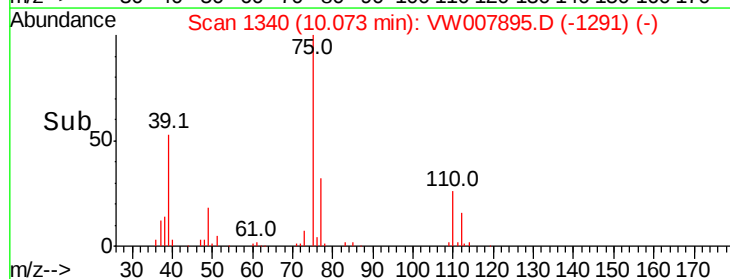
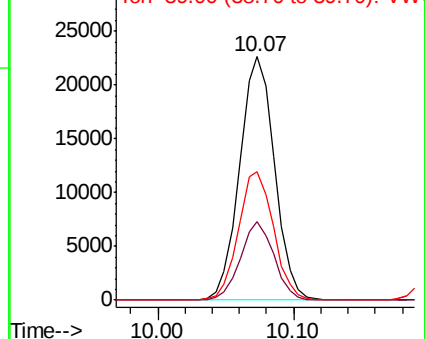
39 52.6 41.2 61.8

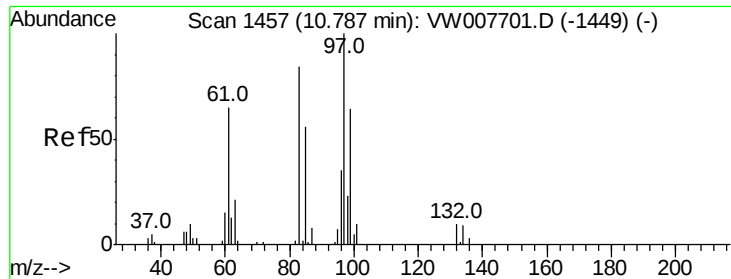


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

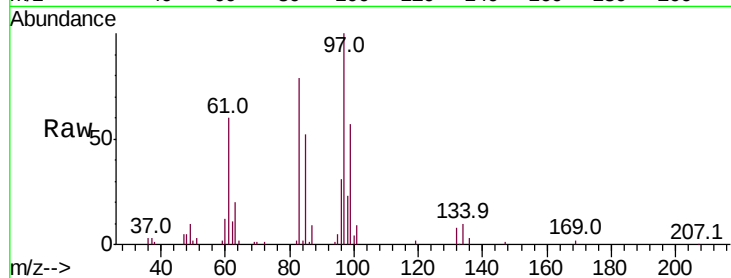




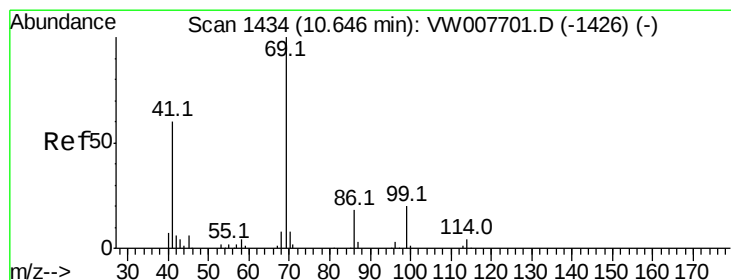
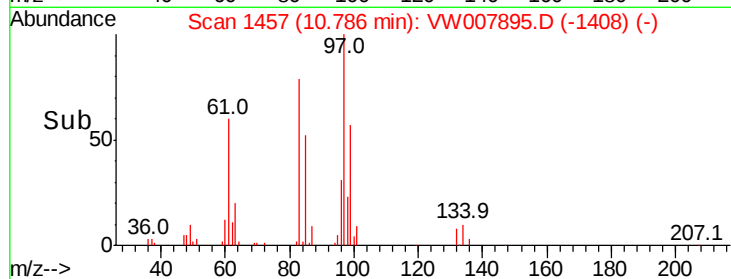
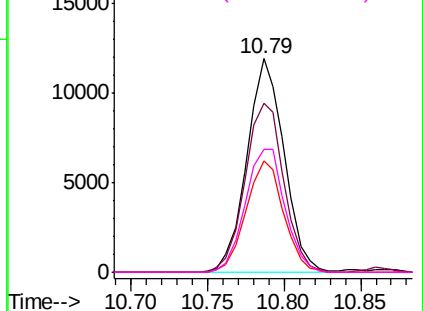
#55
1,1,2-Trichloroethane
Concen: 55.018 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	97	Resp:	20185
Ion	Ratio	Lower	Upper
97	100		
83	79.4	67.5	101.3
85	52.0	44.8	67.2
99	57.4	51.0	76.4

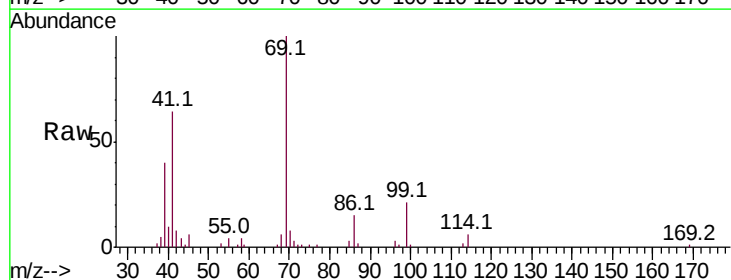


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW

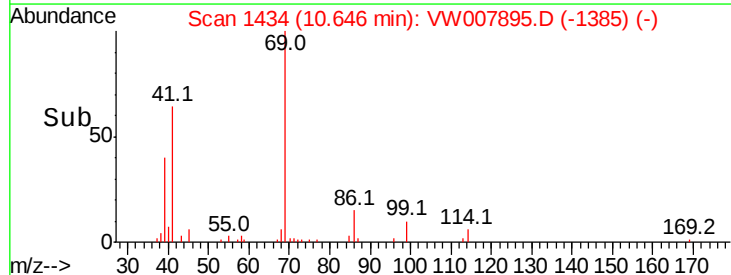
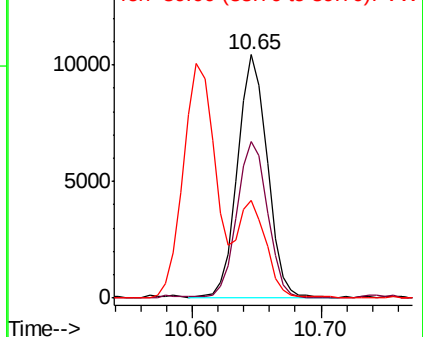


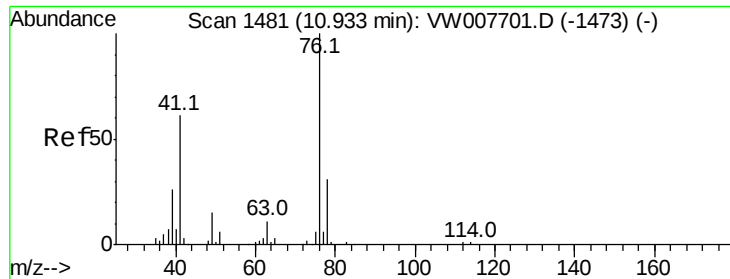
#56
Ethyl methacrylate
Concen: 38.720 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:	69	Resp:	16784
Ion	Ratio	Lower	Upper
69	100		
41	66.2	48.9	73.3
39	38.6	31.3	46.9



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





#57

1,3-Dichloropropane

Concen: 55.353 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

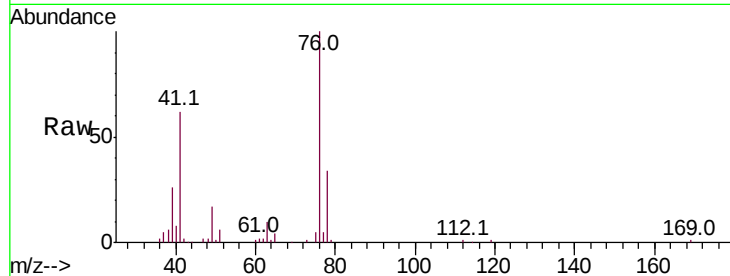
ClientSampled :

Tot Ion: 76 Resp: 33722

Ion Ratio Lower Upper

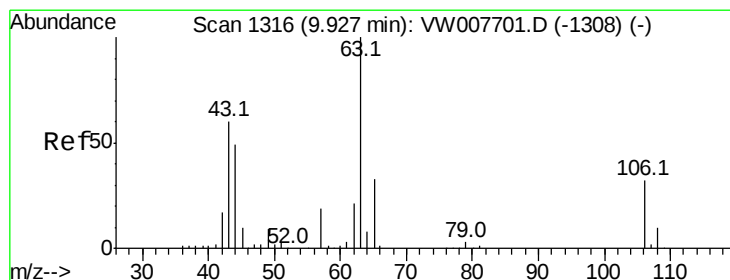
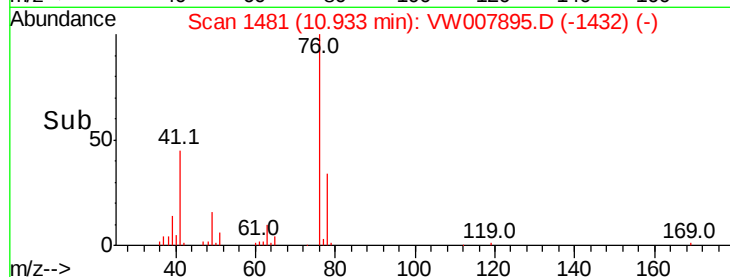
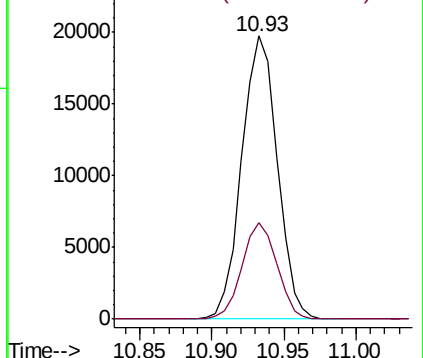
76 100

78 33.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 322.859 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007895.D

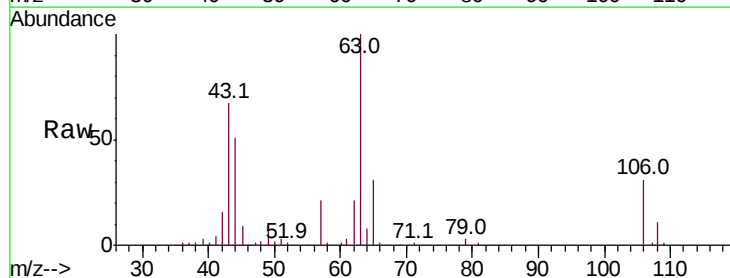
Acq: 24 Dec 2018 18:01

Tgt Ion: 63 Resp: 63897

Ion Ratio Lower Upper

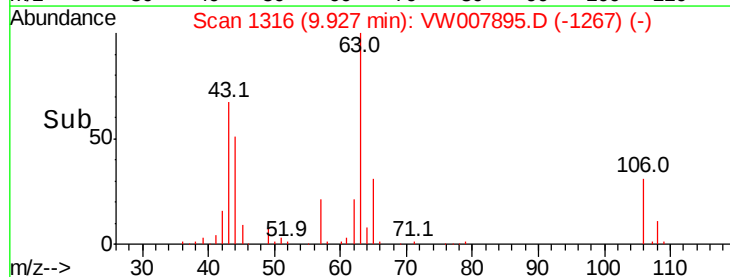
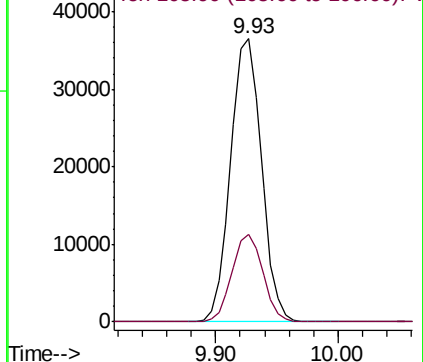
63 100

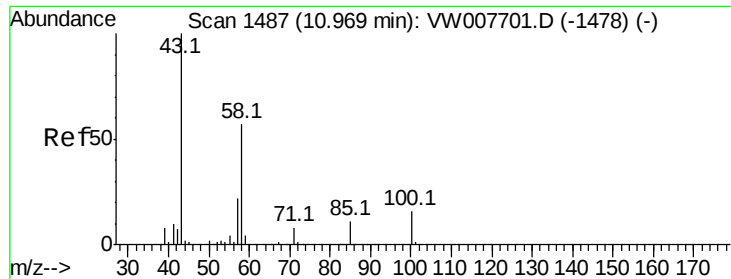
106 30.8 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

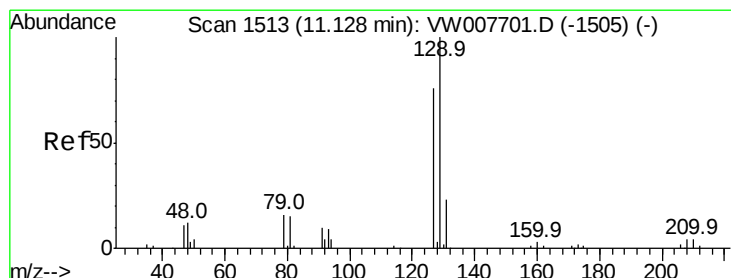
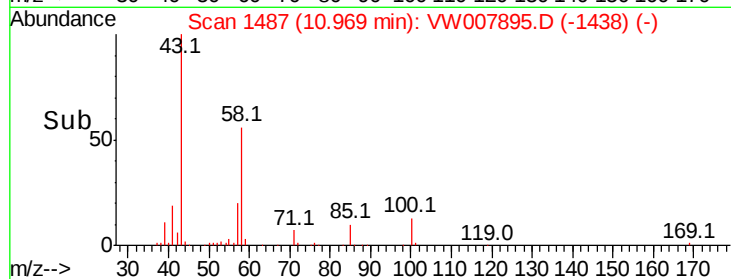
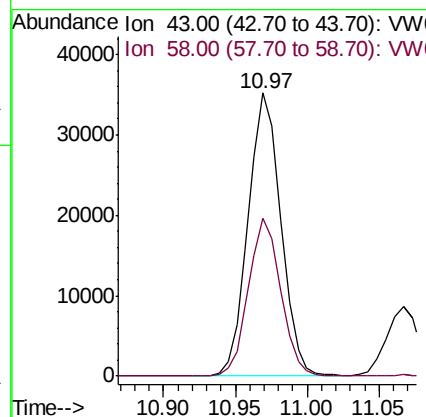
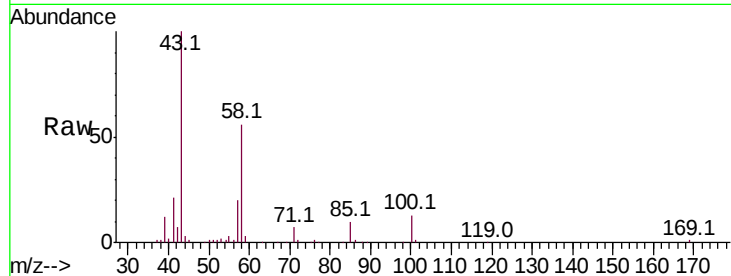




#59
2-Hexanone
Concen: 330.089 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

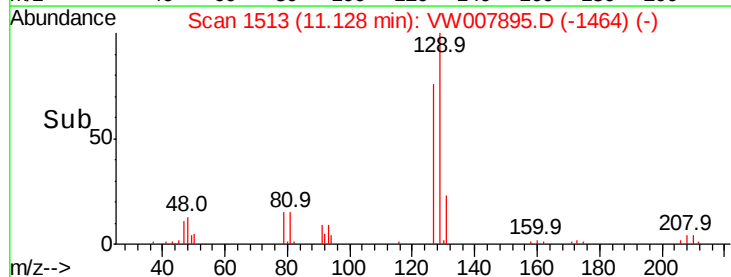
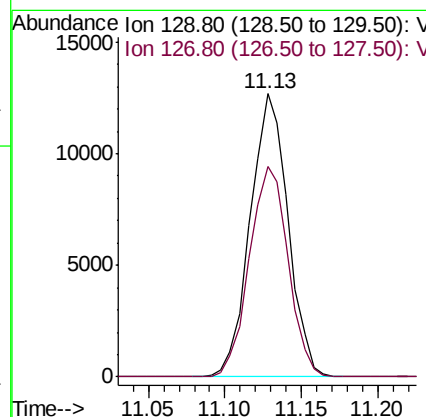
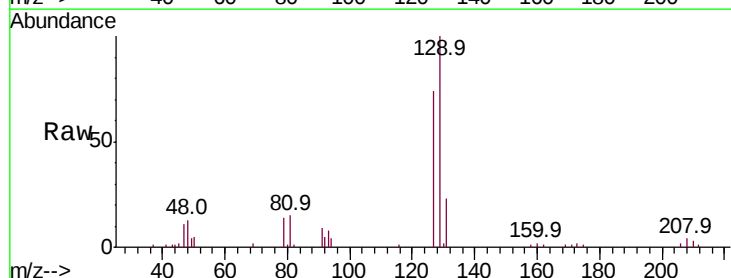
Instrument :
MSVOA_W
ClientSampled :

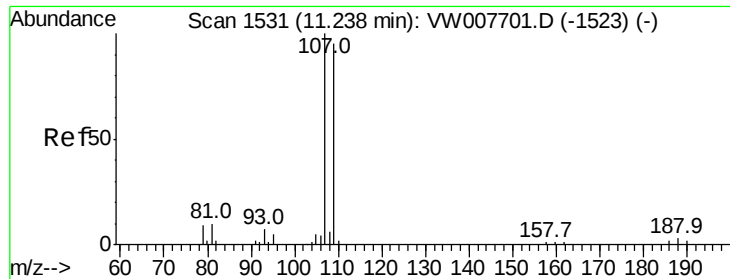
Tot Ion: 43 Resp: 55385
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 44.795 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion: 129 Resp: 21760
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9

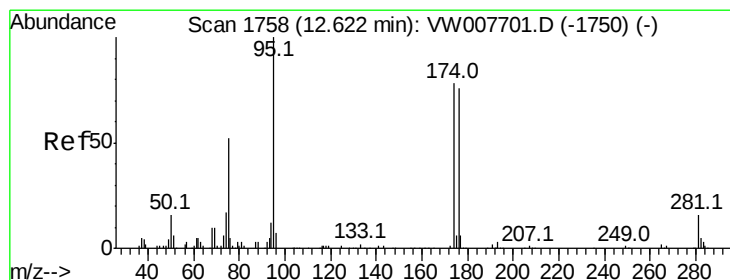
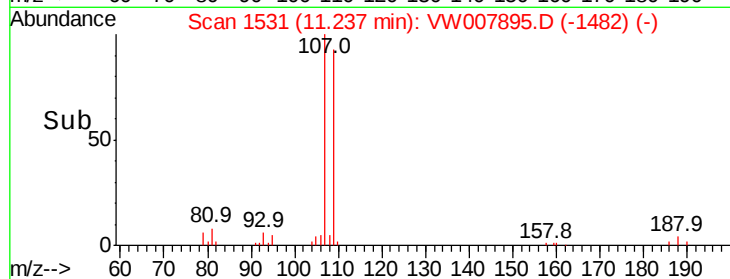
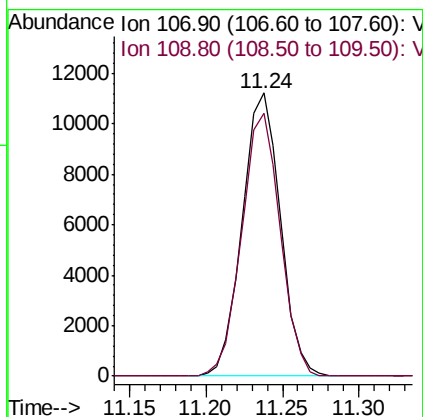
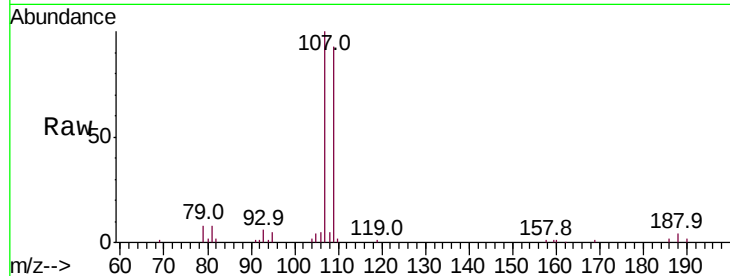




#61
 1,2-Dibromoethane
 Concen: 52.414 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

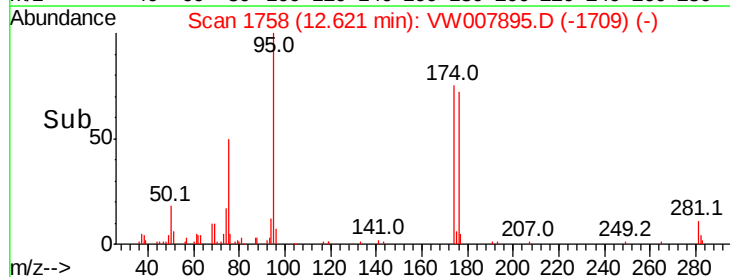
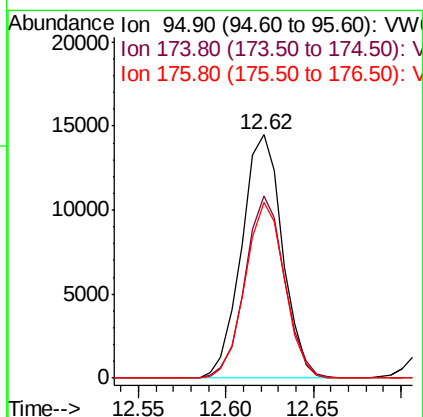
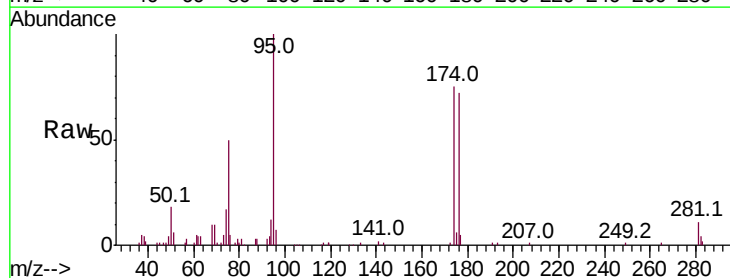
Instrument :
 MSVOA_W
 ClientSampleId :

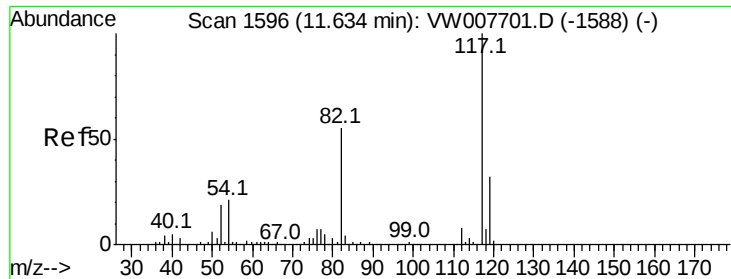
Tot Ion:107 Resp: 19473
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 35.133 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion: 95 Resp: 23613
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 152.2
 176 69.6 0.0 146.8

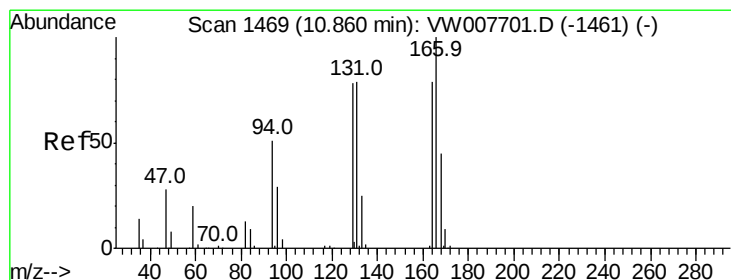
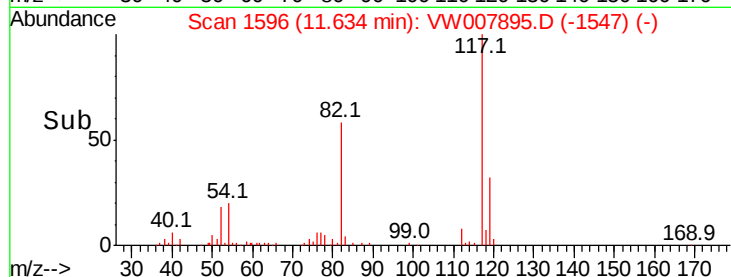
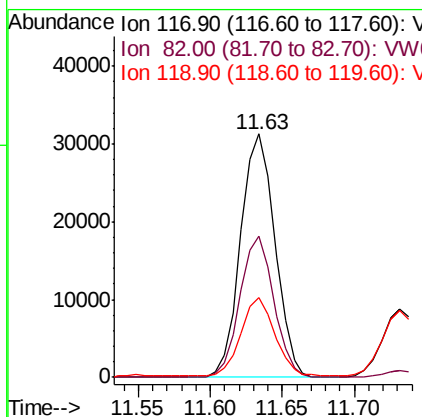
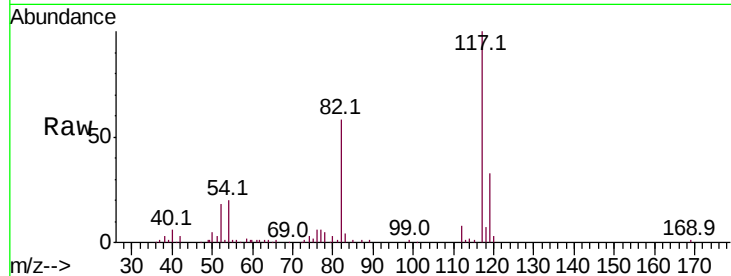




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

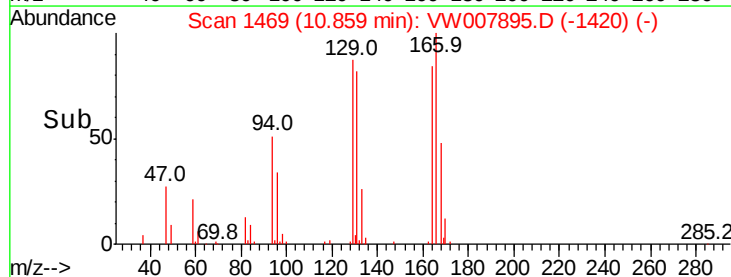
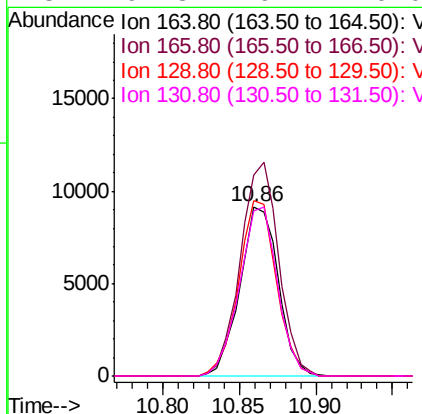
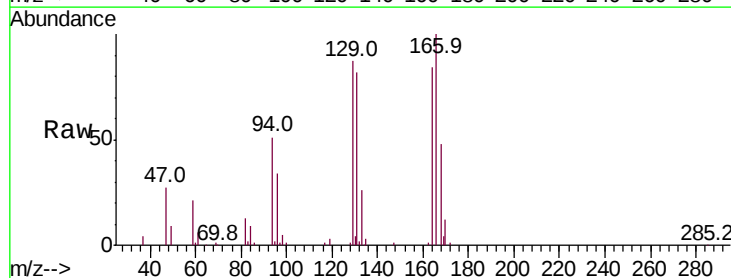
Instrument :
MSVOA_W
ClientSampleId :

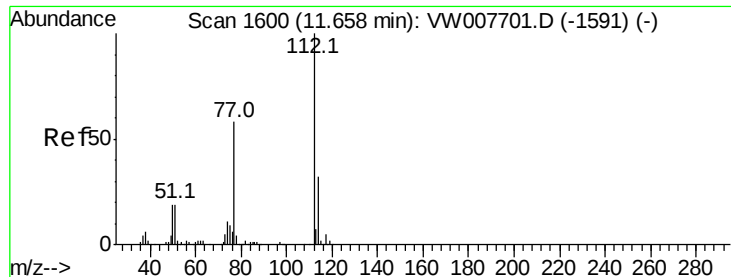
Tot Ion:117 Resp: 51840
Ion Ratio Lower Upper
117 100
82 57.8 44.3 66.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 43.417 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:164 Resp: 15938
Ion Ratio Lower Upper
164 100
166 118.6 101.0 151.6
129 103.8 78.7 118.1
131 97.3 79.4 119.0

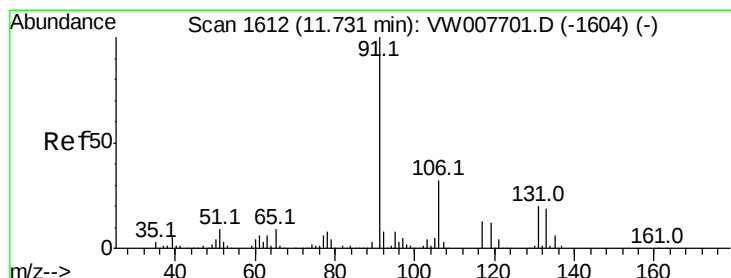
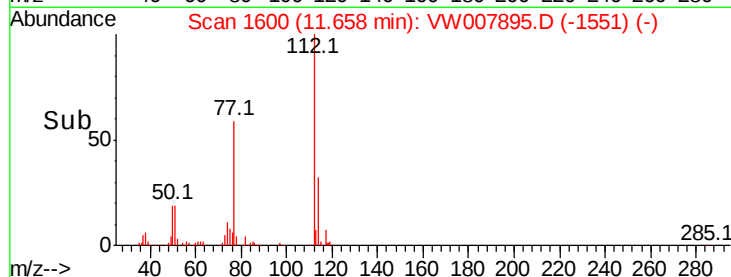
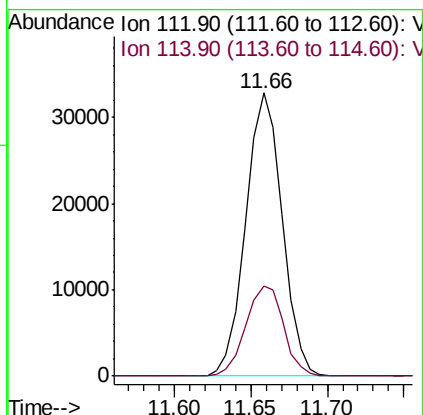
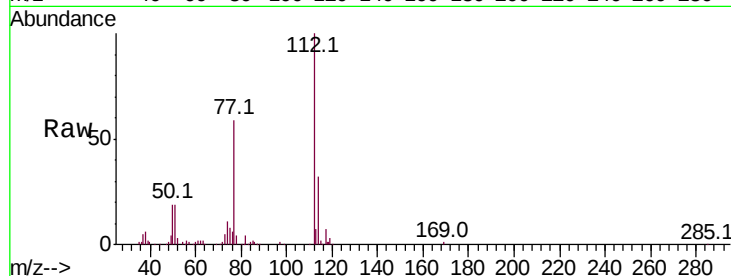




#65
Chlorobenzene
Concen: 48.487 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

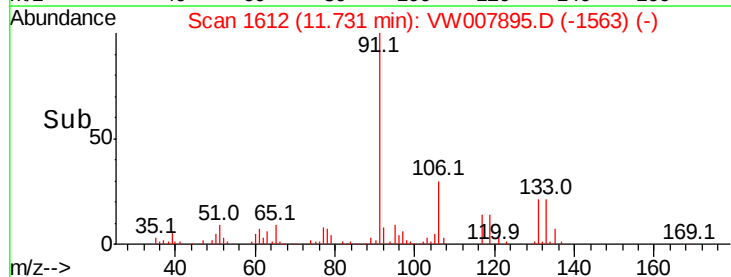
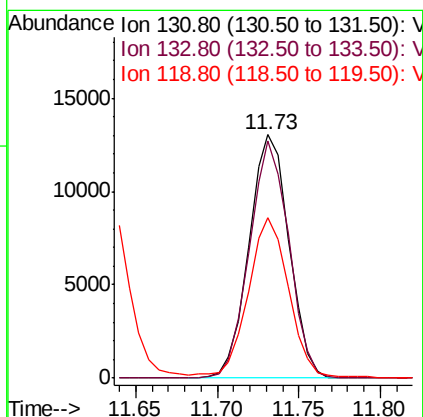
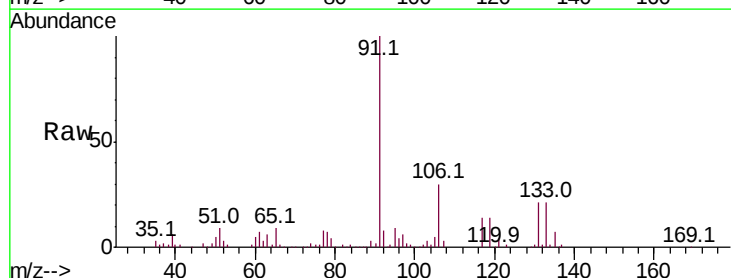
Instrument :
MSVOA_W
ClientSampleId :

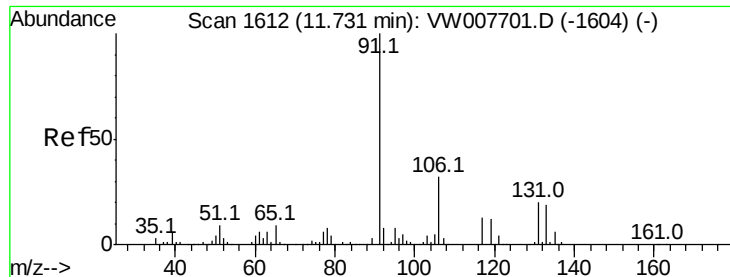
Tot Ion:112 Resp: 54404
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.437 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:131 Resp: 22226
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 67.5 30.2 90.6

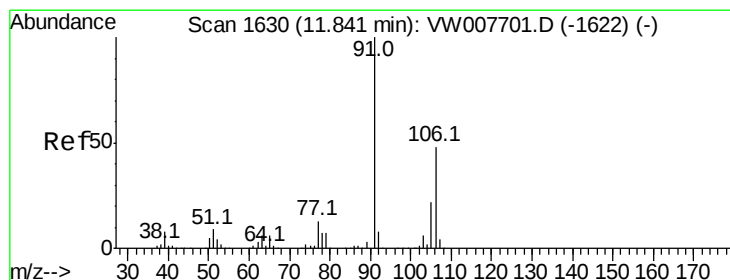
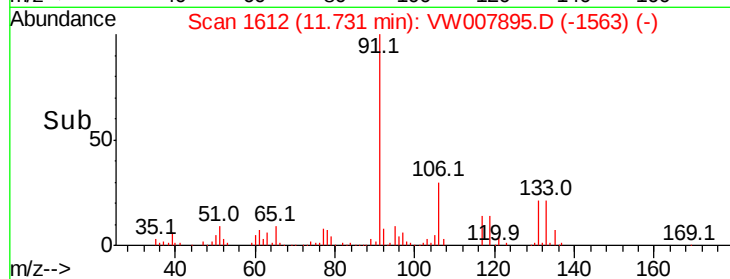
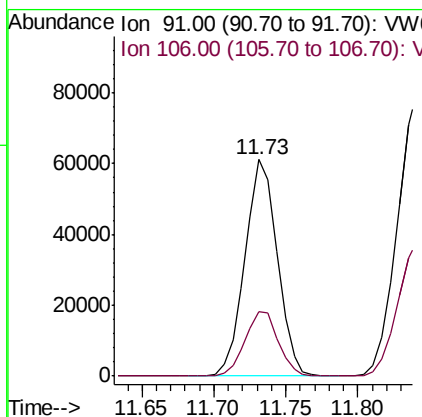
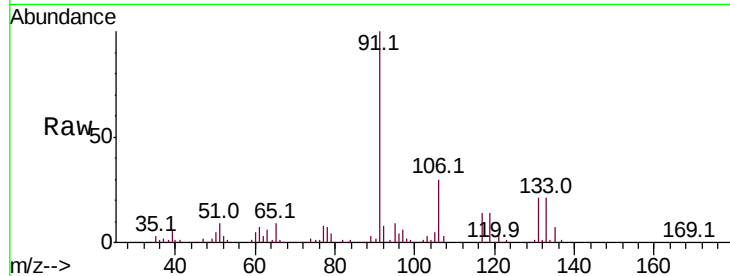




#67
Ethyl Benzene
Concen: 49.322 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

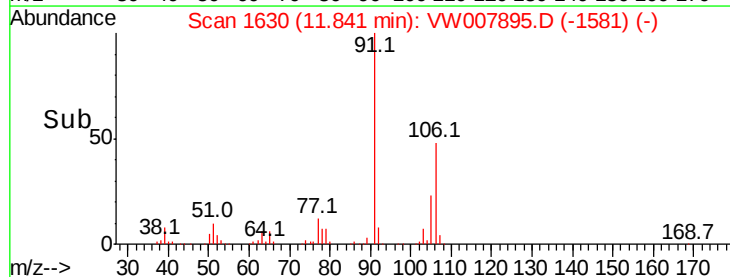
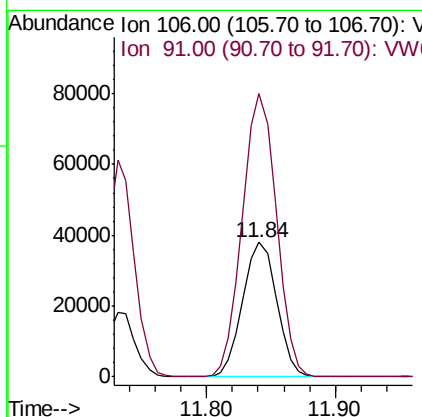
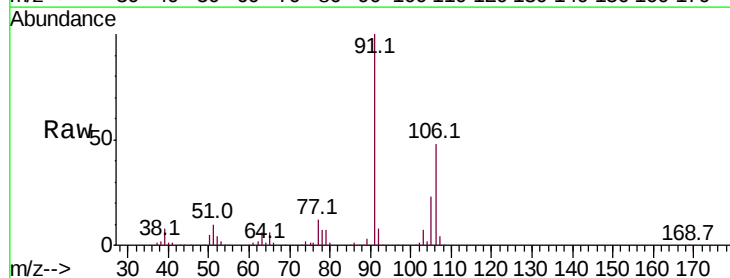
Instrument :
MSVOA_W
ClientSampled :

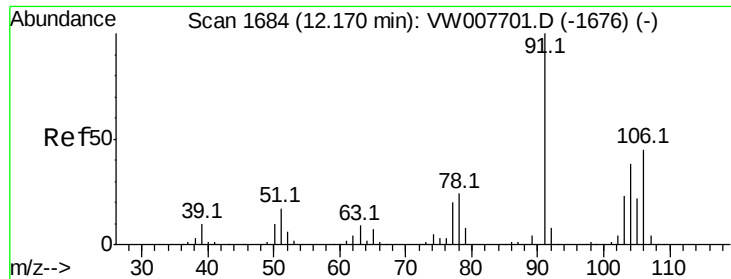
Tot Ion: 91 Resp: 94966
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.8



#68
m/p-Xylenes
Concen: 93.720 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:106 Resp: 69999
Ion Ratio Lower Upper
106 100
91 209.9 165.2 247.8

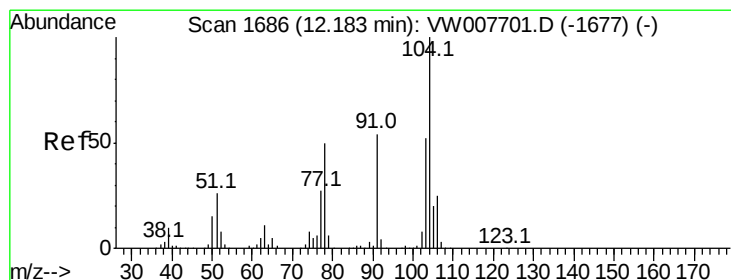
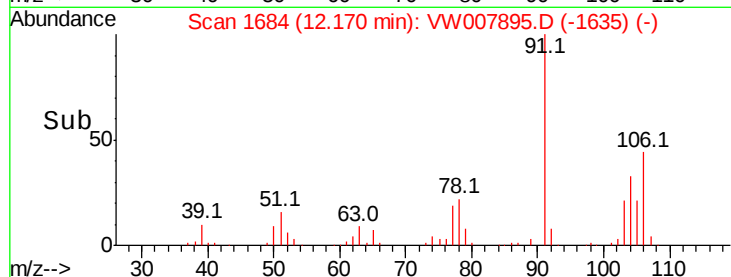
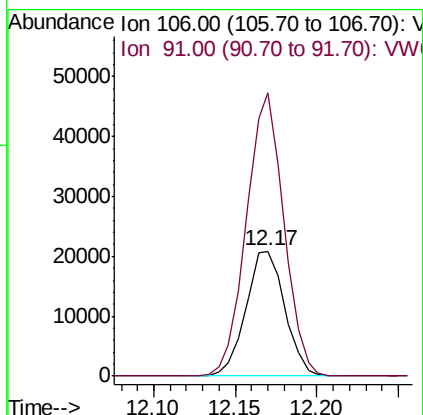
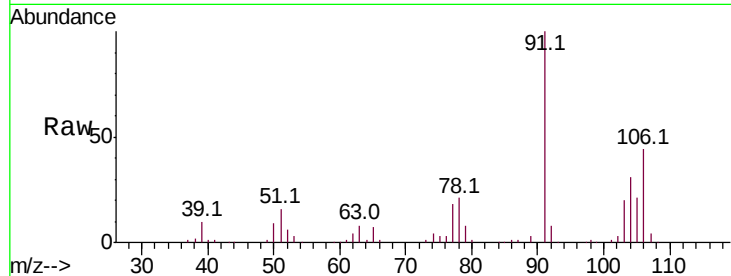




#69
o-Xylene
Concen: 49.226 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

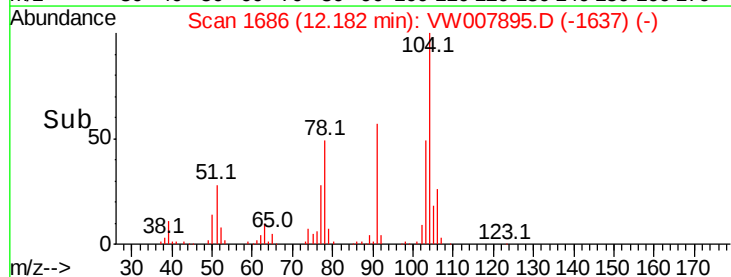
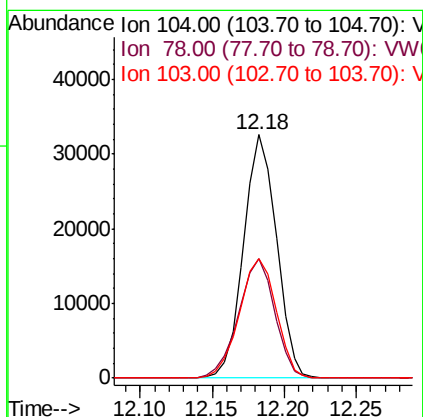
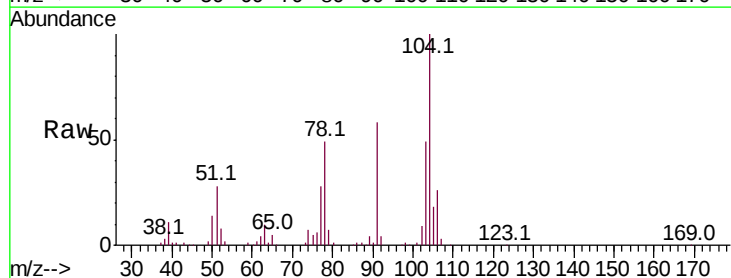
Instrument :
MSVOA_W
ClientSampled :

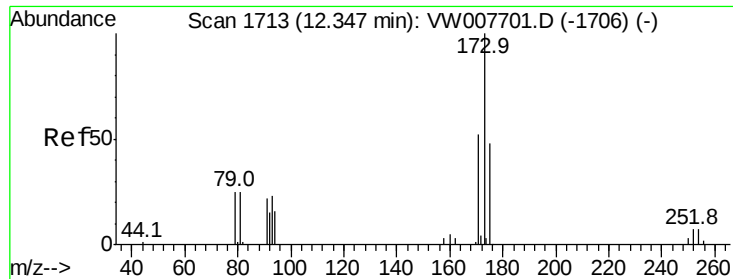
Tot Ion:106 Resp: 34464
Ion Ratio Lower Upper
106 100
91 219.0 110.5 331.4



#70
Styrene
Concen: 44.924 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:104 Resp: 51701
Ion Ratio Lower Upper
104 100
78 53.9 43.4 65.0
103 55.1 44.5 66.7





#71

Bromoform

Concen: 50.527 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

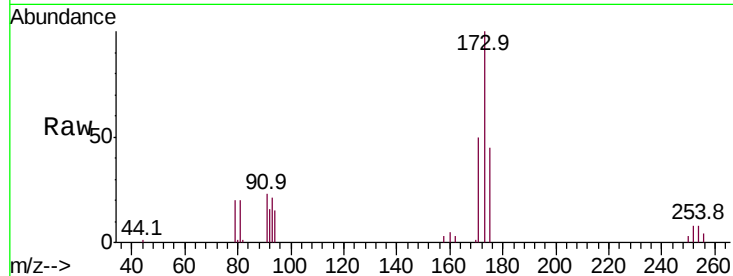
Tot Ion:173 Resp: 10516

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.7

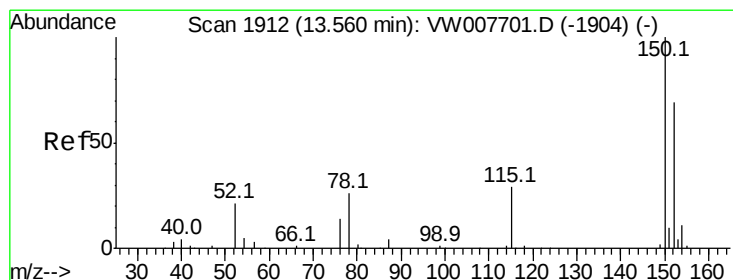
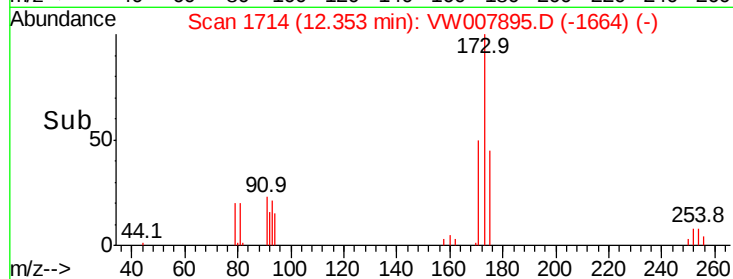
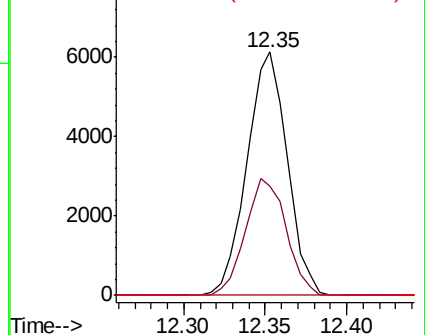
254 0.0 0.0 0.0



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: VW007895.D

Acq: 24 Dec 2018 18:01

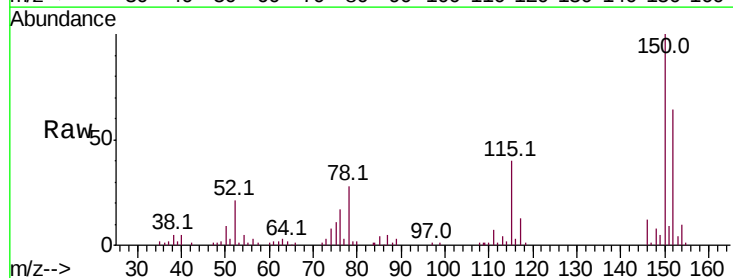
Tgt Ion:152 Resp: 15281

Ion Ratio Lower Upper

152 100

115 63.4 31.8 95.4

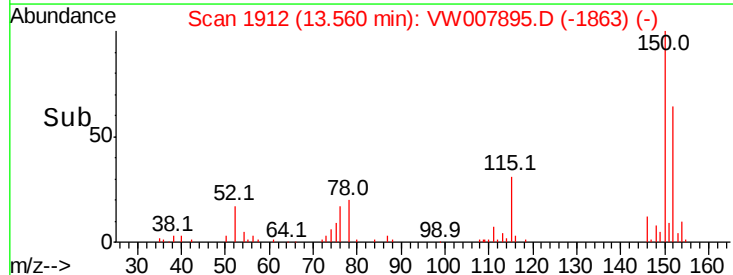
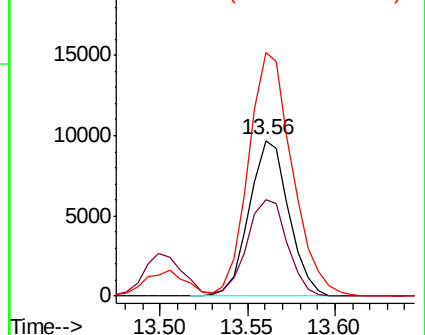
150 173.1 0.0 350.8

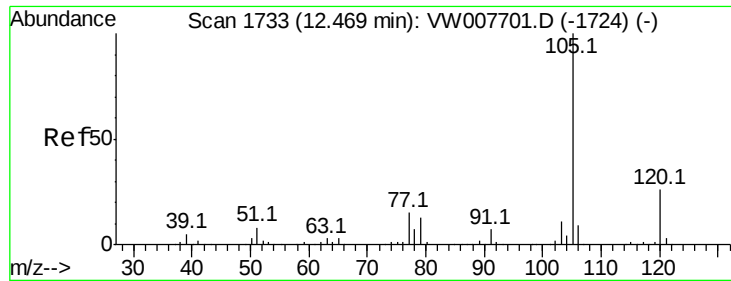


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 70.233 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

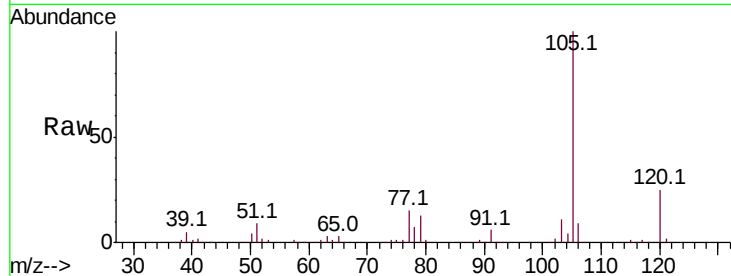
ClientSampleId :

Tot Ion:105 Resp: 81124

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

50000

40000

30000

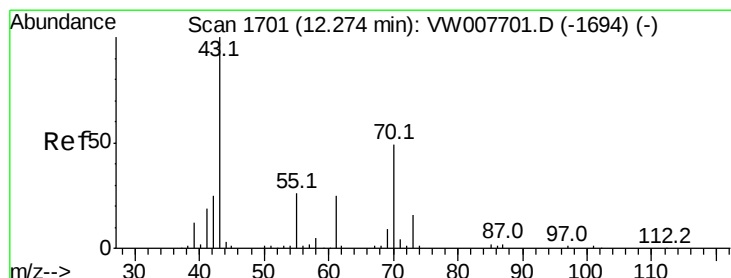
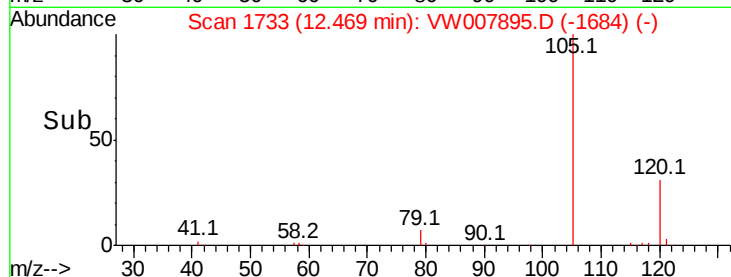
20000

10000

0

12.40 12.45 12.50

Time-->



#74

N-ethyl acetate

Concen: 56.299 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Tgt Ion: 43 Resp: 11264

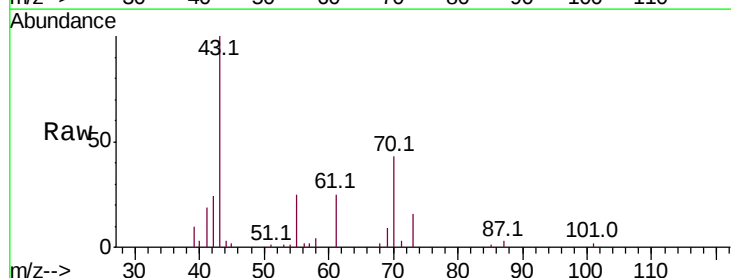
Ion Ratio Lower Upper

43 100

70 42.5 37.6 56.4

55 24.8 21.7 32.5

61 24.3 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

10000

8000

6000

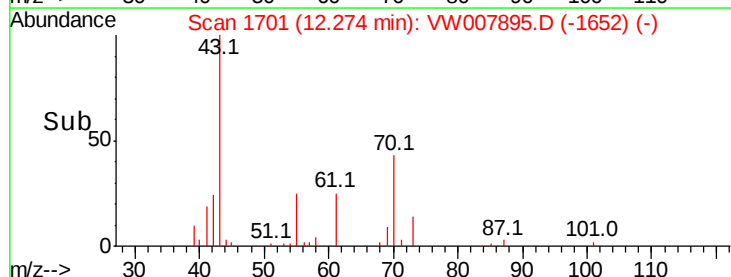
4000

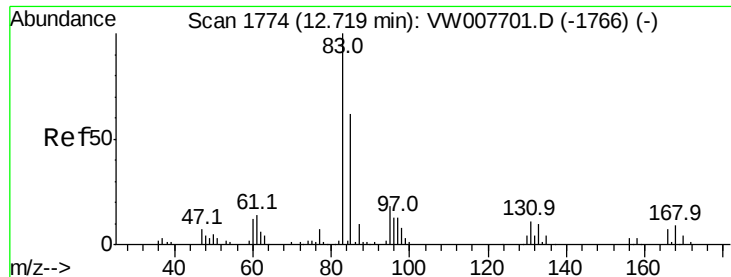
2000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 103.987 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampled :

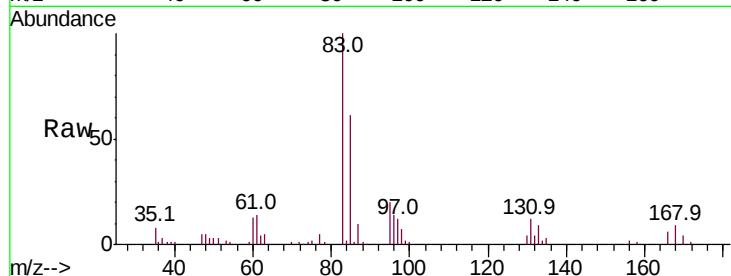
Tot Ion: 83 Resp: 18009

Ion Ratio Lower Upper

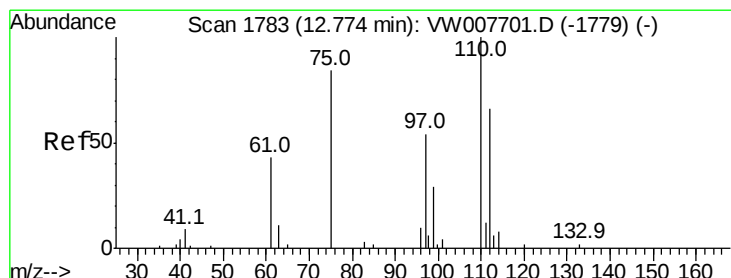
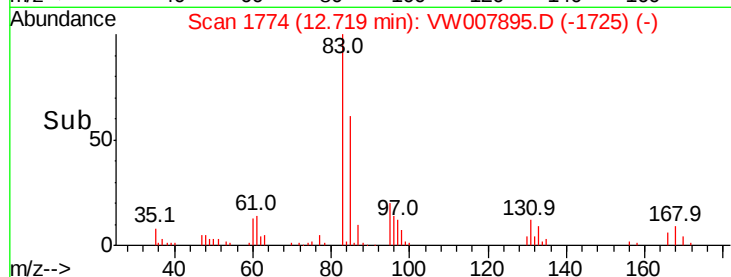
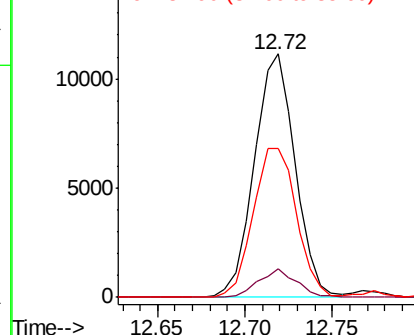
83 100

131 11.0 6.3 18.8

85 65.4 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: 217.784 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007895.D

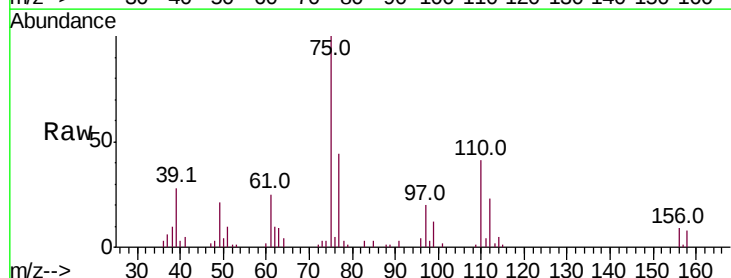
Acq: 24 Dec 2018 18:01

Tgt Ion: 75 Resp: 25722

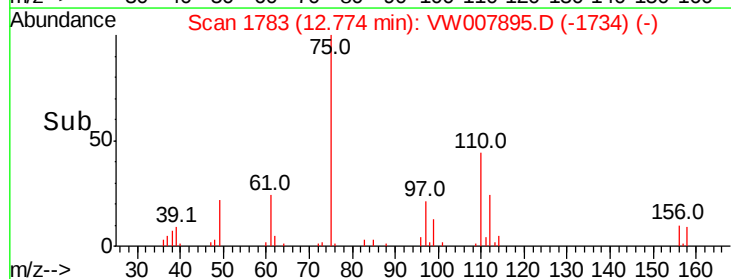
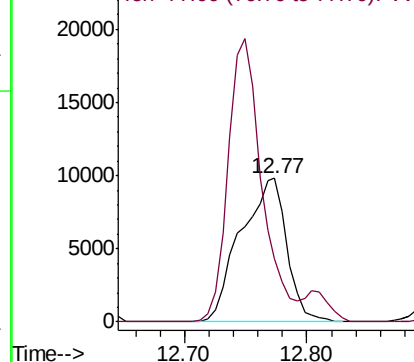
Ion Ratio Lower Upper

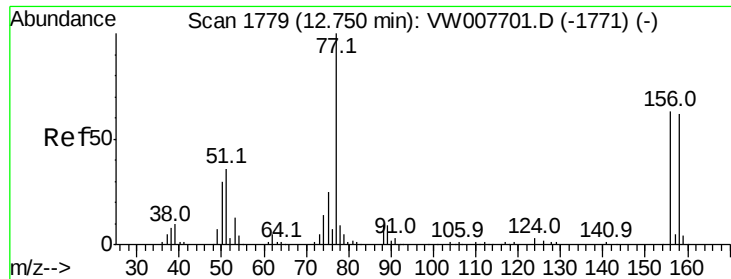
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 68.096 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

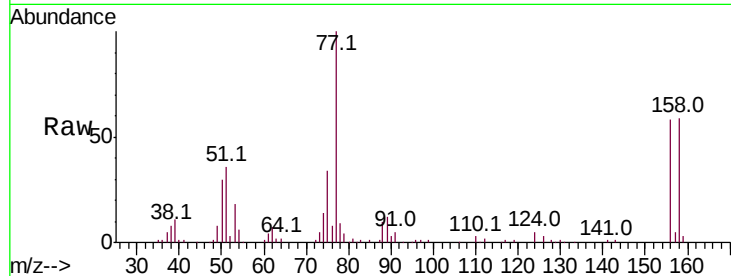
Tot Ion:156 Resp: 18026

Ion Ratio Lower Upper

156 100

77 205.7 87.4 262.1

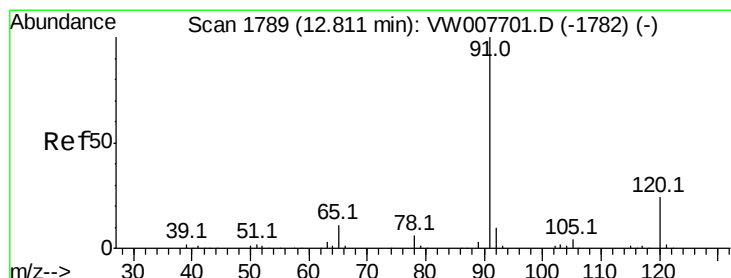
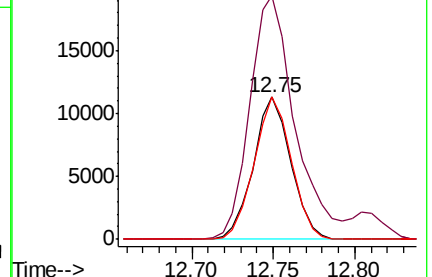
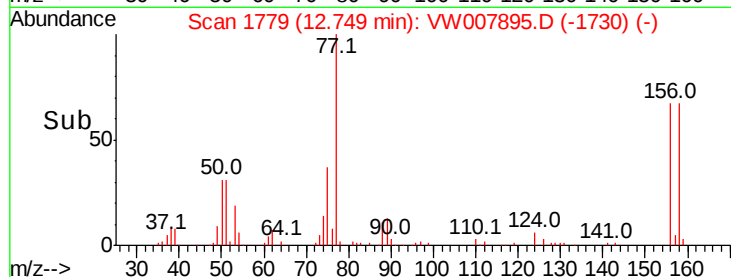
158 99.2 48.4 145.0



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: 59.242 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007895.D

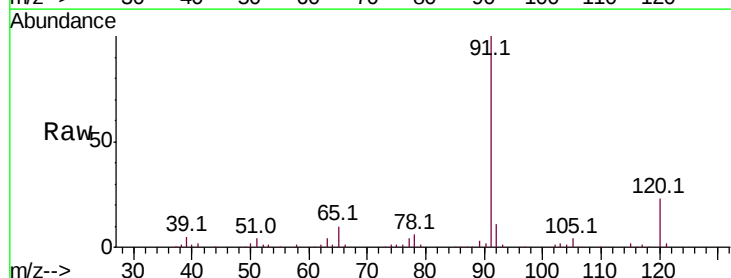
Acq: 24 Dec 2018 18:01

Tgt Ion: 91 Resp: 79656

Ion Ratio Lower Upper

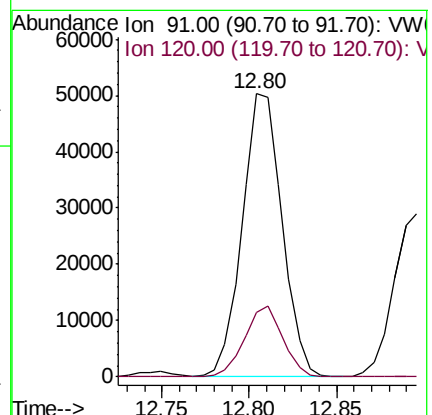
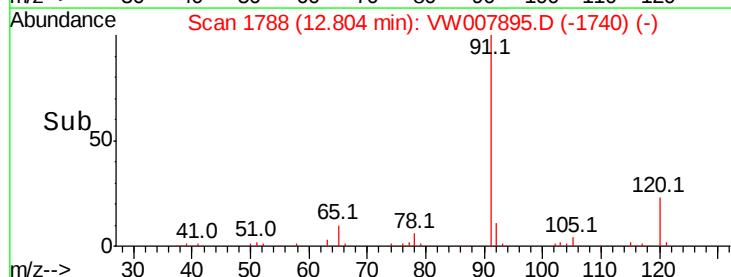
91 100

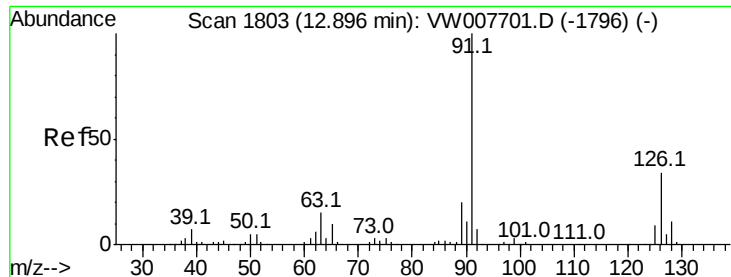
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 60.478 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

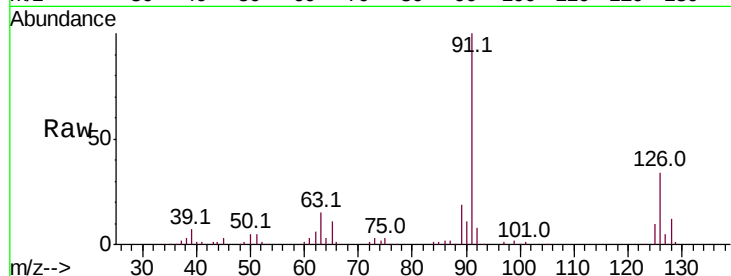
ClientSampleId :

Tot Ion: 91 Resp: 47371

Ion Ratio Lower Upper

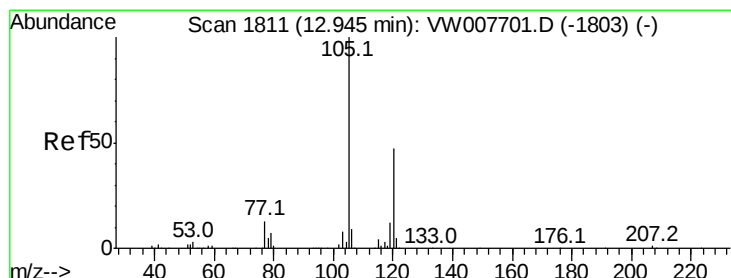
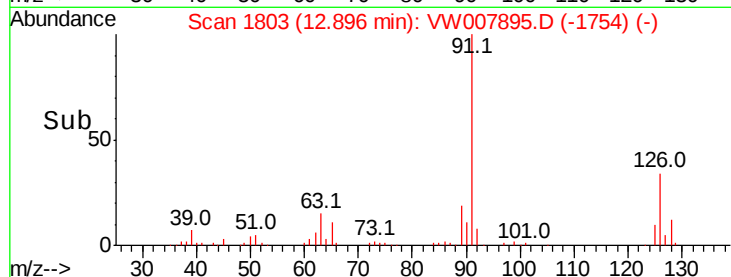
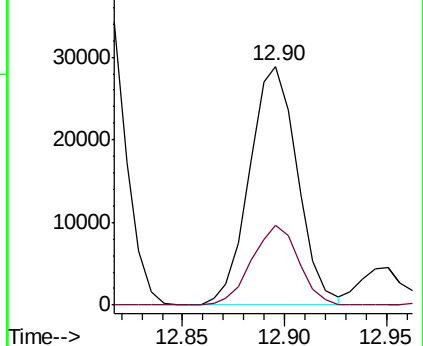
91 100

126 32.5 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 60.849 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007895.D

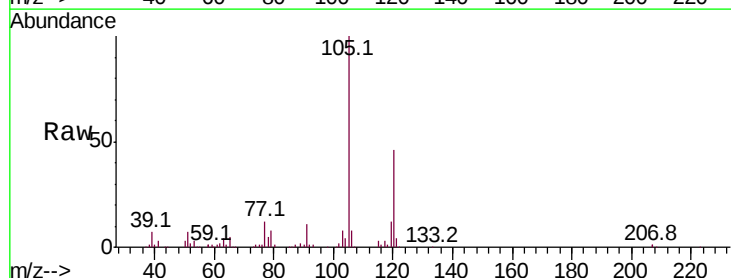
Acq: 24 Dec 2018 18:01

Tgt Ion:105 Resp: 60626

Ion Ratio Lower Upper

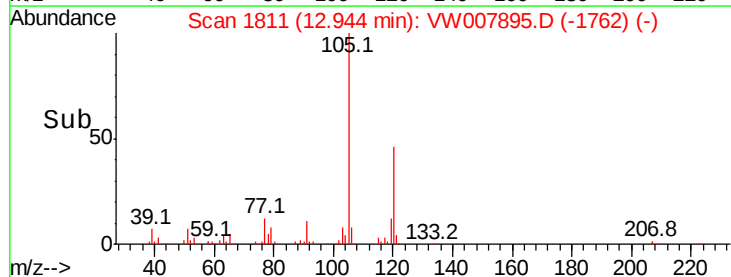
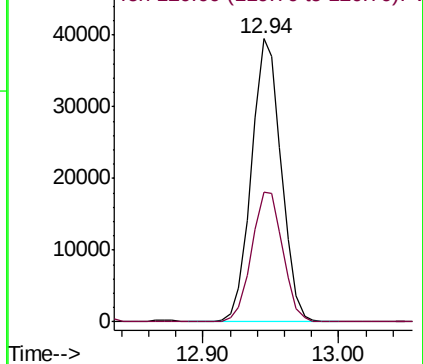
105 100

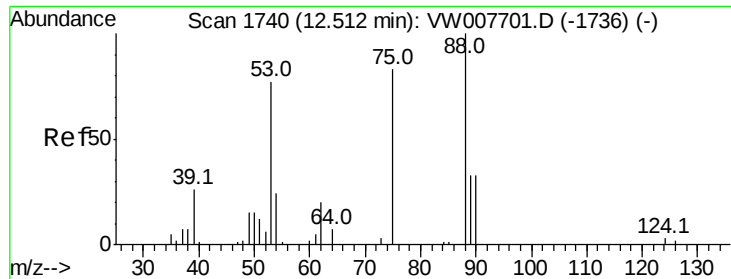
120 47.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 108.519 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampled :

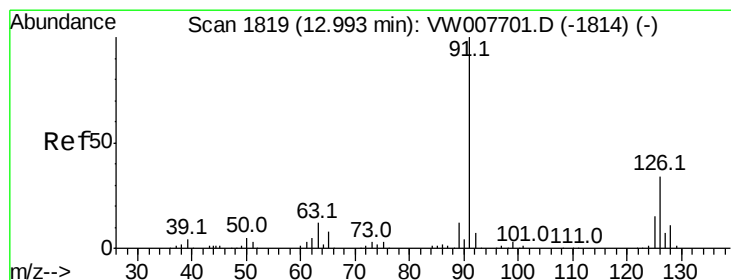
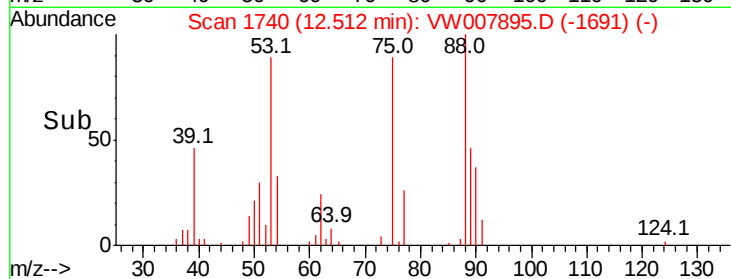
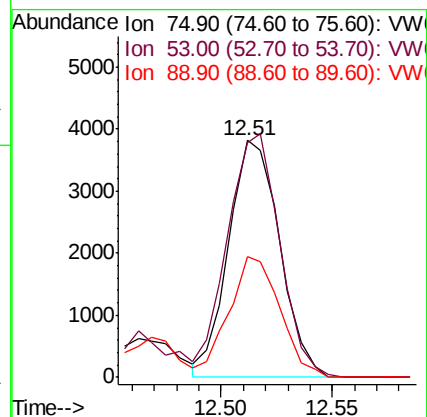
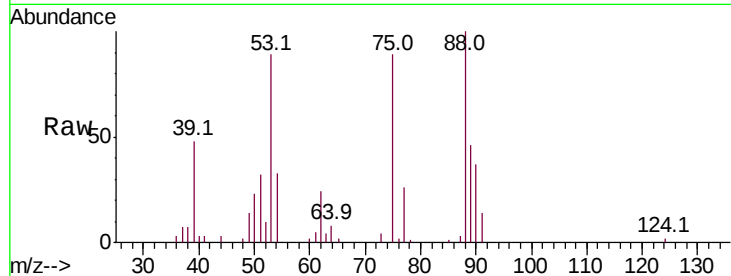
Tot Ion: 75 Resp: 6106

Ion Ratio Lower Upper

75 100

53 105.1 80.2 120.2

89 51.2 39.2 58.8



#82

4-Chlorotoluene

Concen: 59.446 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007895.D

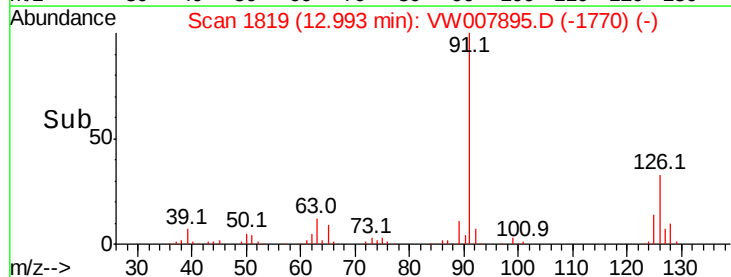
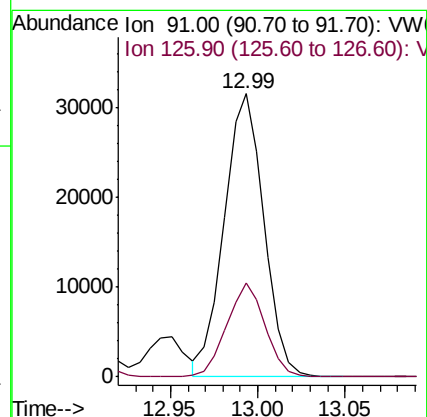
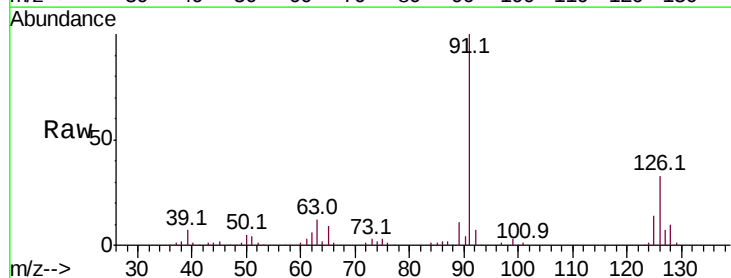
Acq: 24 Dec 2018 18:01

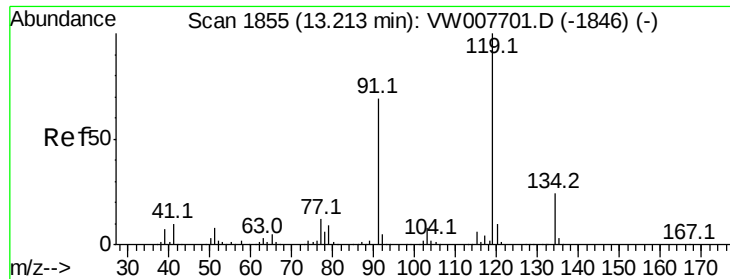
Tgt Ion: 91 Resp: 49579

Ion Ratio Lower Upper

91 100

126 32.0 16.5 49.5

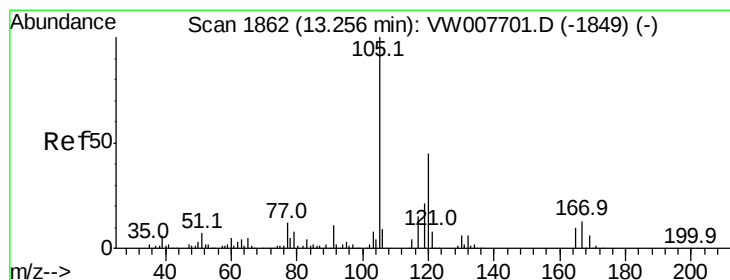
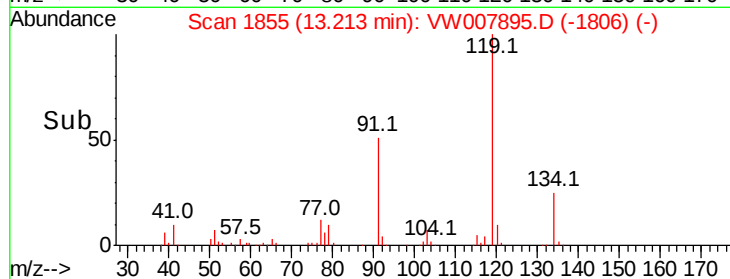
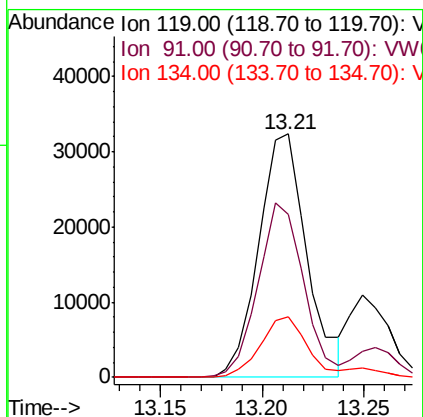
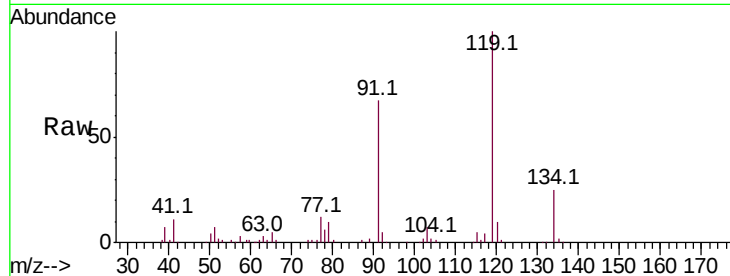




#83
tert-Butylbenzene
Concen: 61.008 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

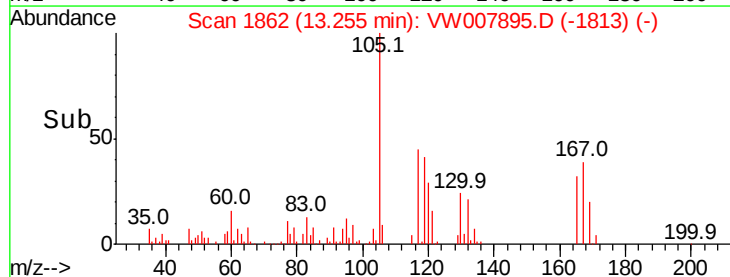
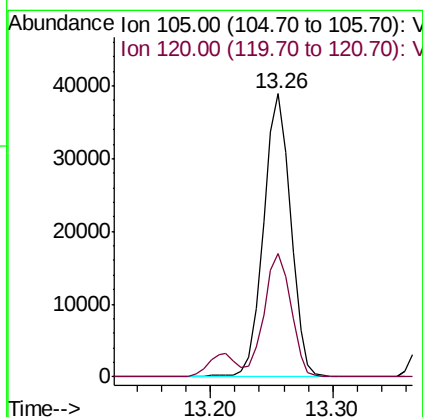
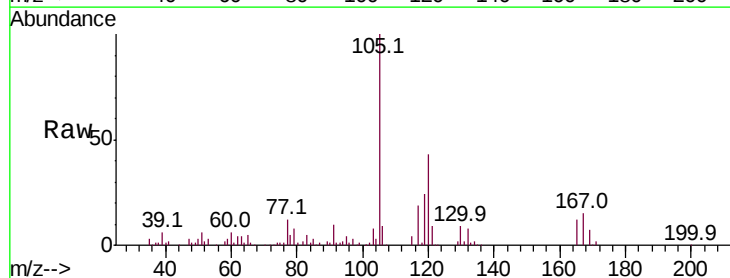
Instrument :
MSVOA_W
ClientSampleId :

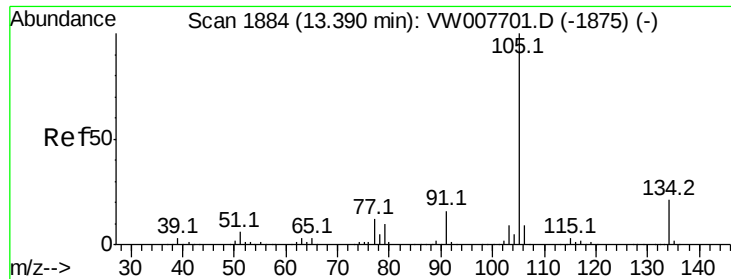
Tot Ion:119 Resp: 53334
Ion Ratio Lower Upper
119 100
91 67.7 34.2 102.5
134 23.9 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 59.864 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:105 Resp: 60185
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0

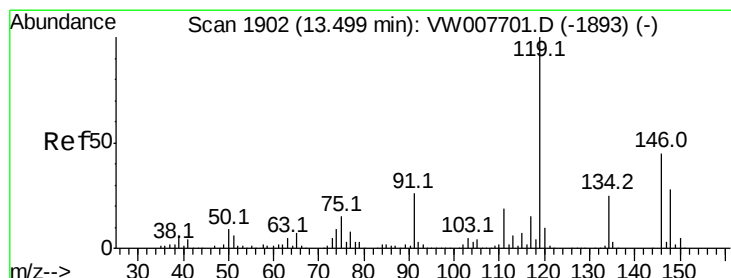
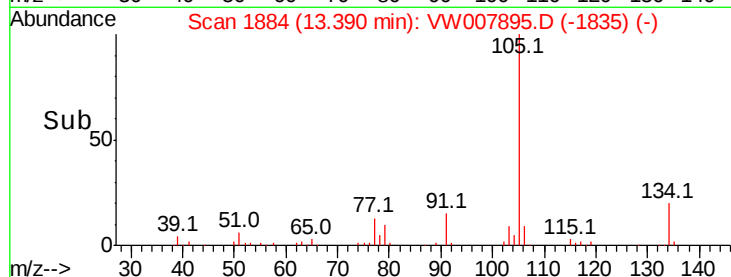
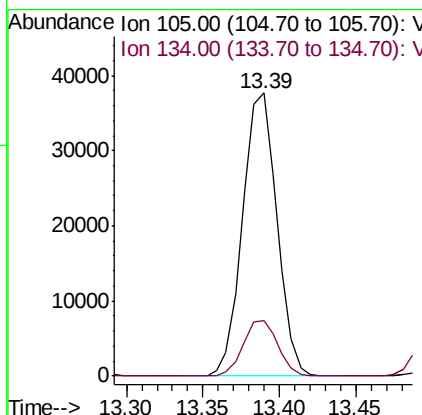
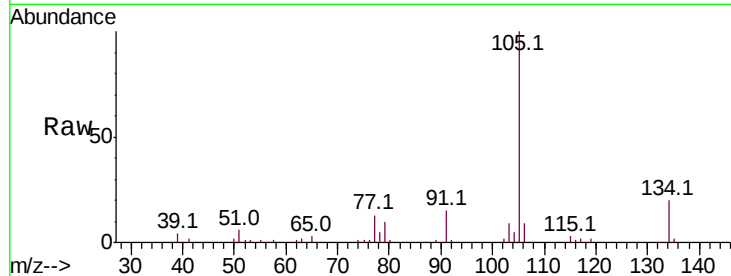




#85
 sec-Butylbenzene
 Concen: 48.937 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

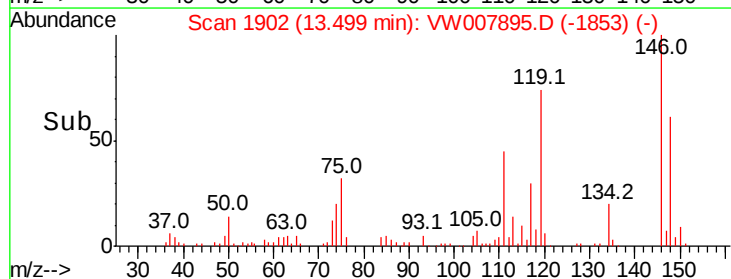
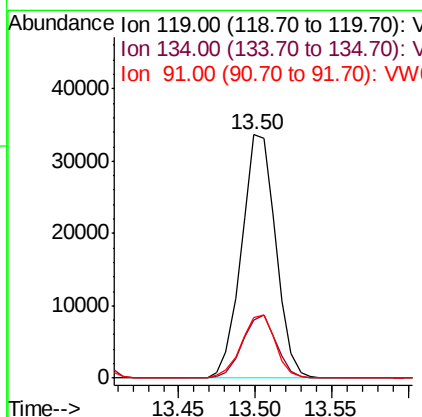
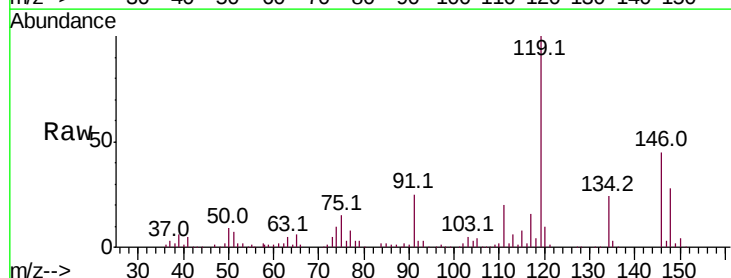
Instrument :
 MSVOA_W
 ClientSampleId :

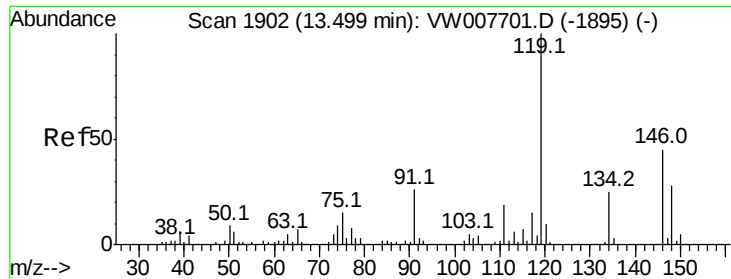
Tot Ion:105 Resp: 58960
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 47.601 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion:119 Resp: 52150
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 25.7 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 47.511 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

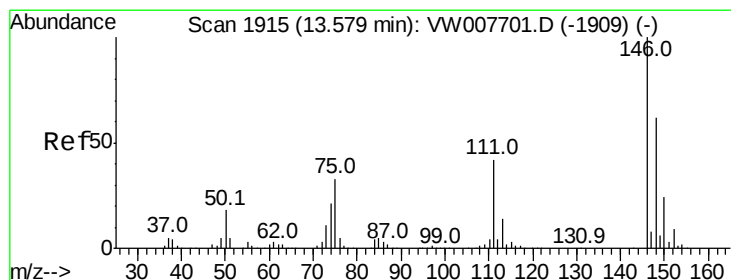
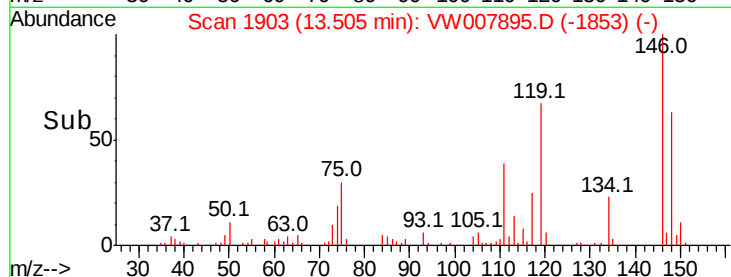
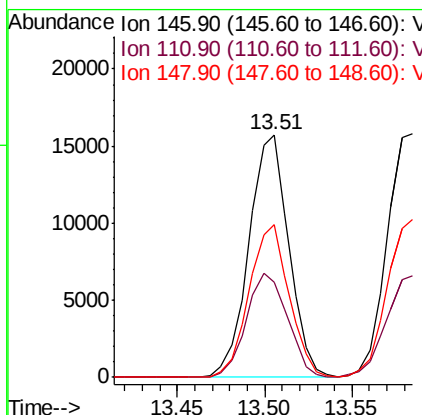
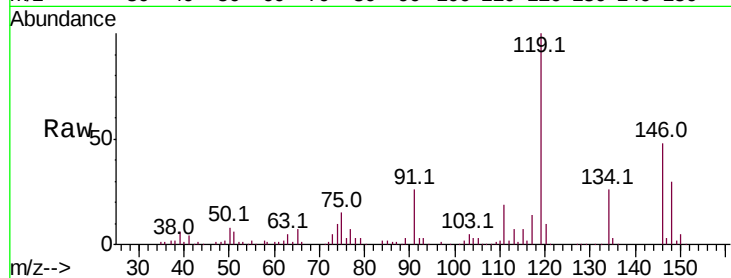
Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:146 Resp: 24971

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.1	63.4
148	62.9	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 49.947 ug/l

RT: 13.58 min Scan# 1916

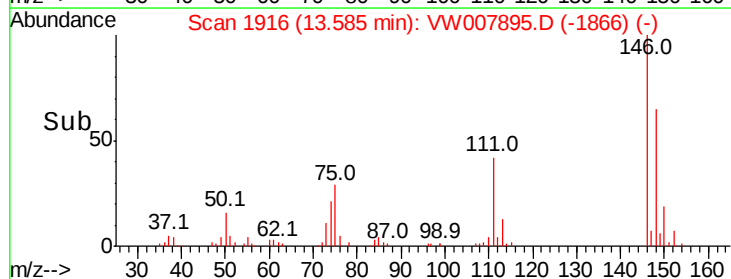
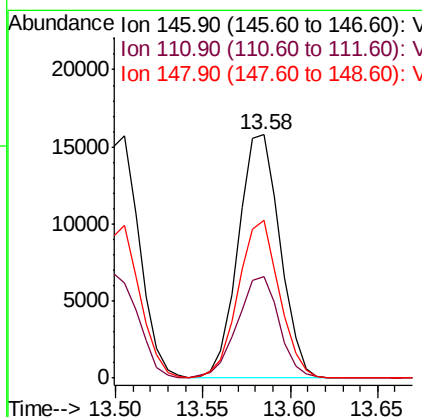
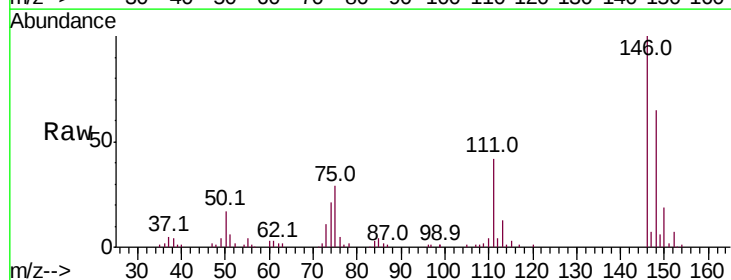
Delta R.T. 0.01 min

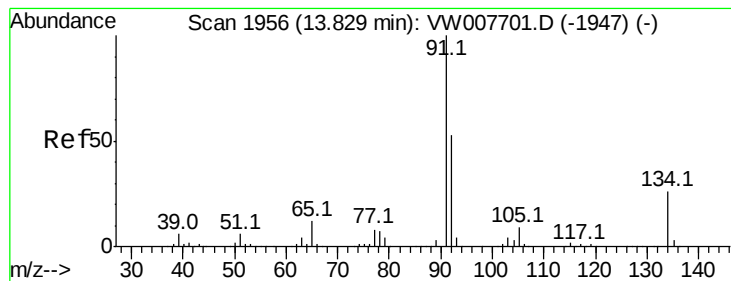
Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Tgt Ion:146 Resp: 26259

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.0	63.0
148	63.7	31.8	95.4





#89

n-Butylbenzene

Concen: 37.004 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007895.D

Acq: 24 Dec 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

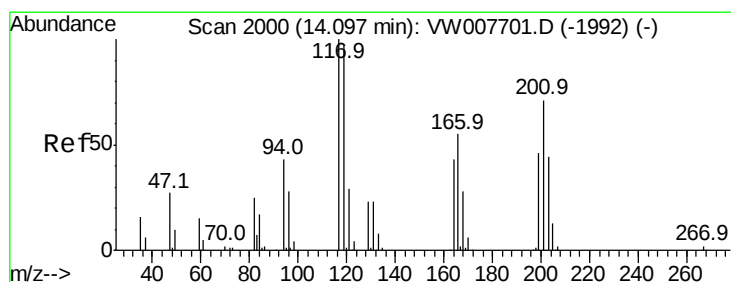
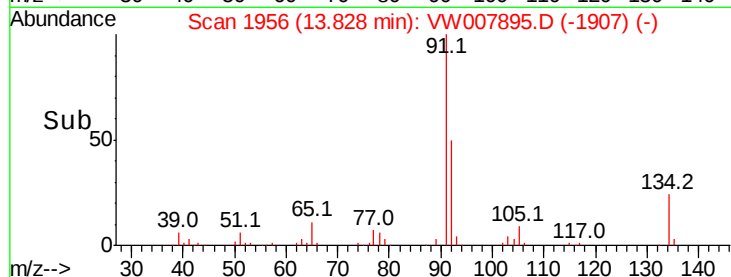
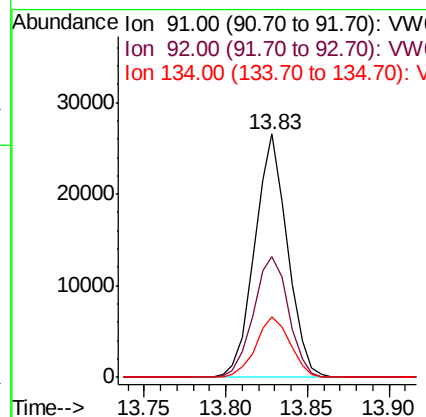
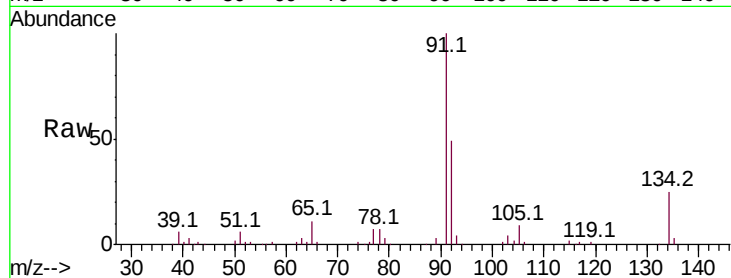
Tot Ion: 91 Resp: 37170

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 26.0 13.7 41.0



#90

Hexachloroethane

Concen: 44.329 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007895.D

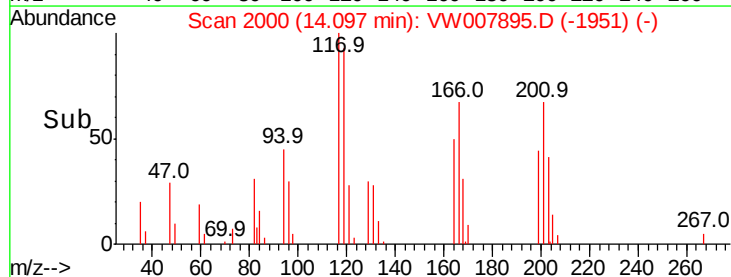
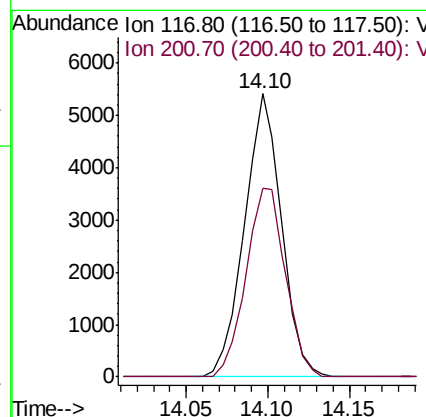
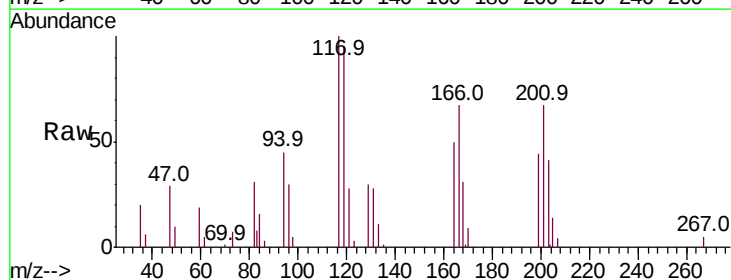
Acq: 24 Dec 2018 18:01

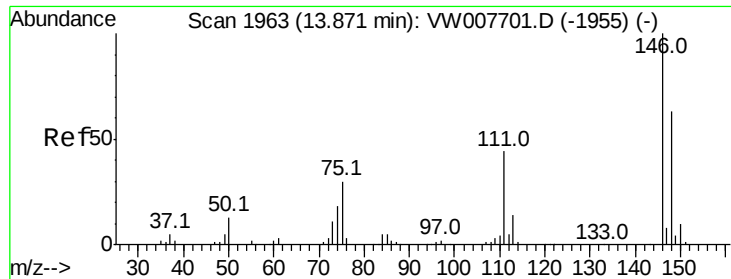
Tgt Ion: 117 Resp: 8526

Ion Ratio Lower Upper

117 100

201 70.8 36.2 108.6

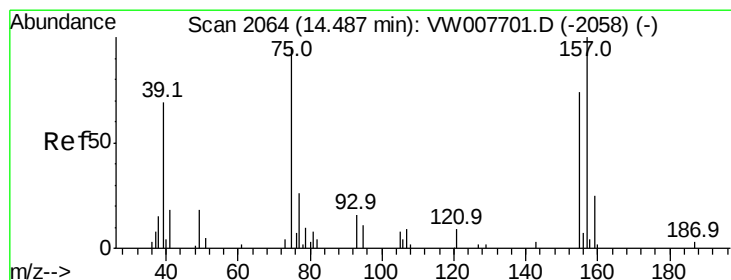
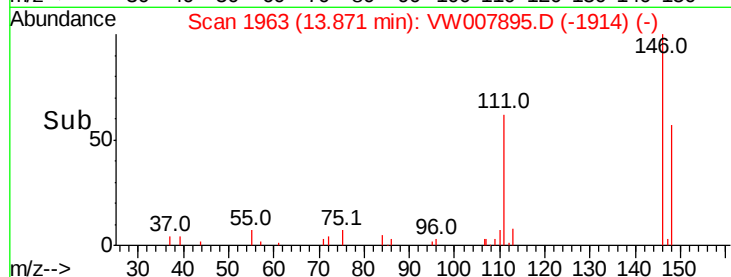
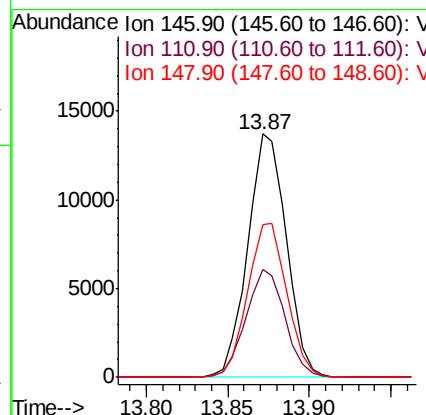
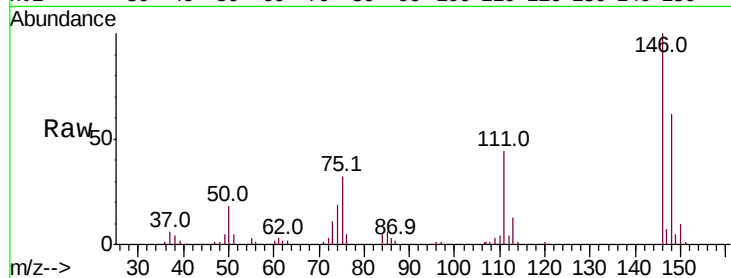




#91
 1,2-Dichlorobenzene
 Concen: 48.064 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

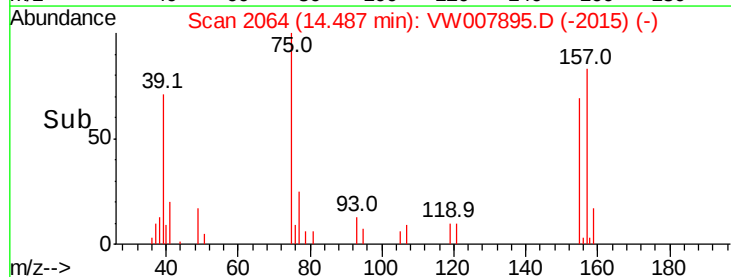
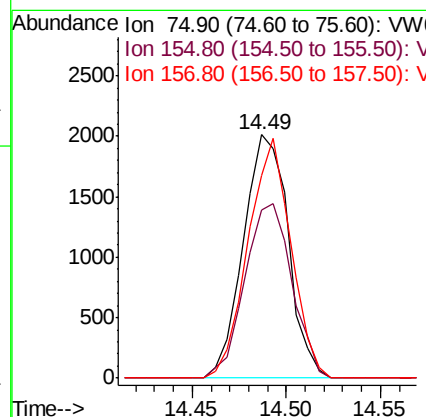
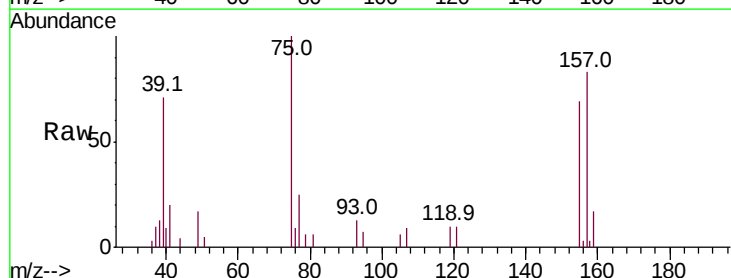
Instrument :
 MSVOA_W
 ClientSampled :

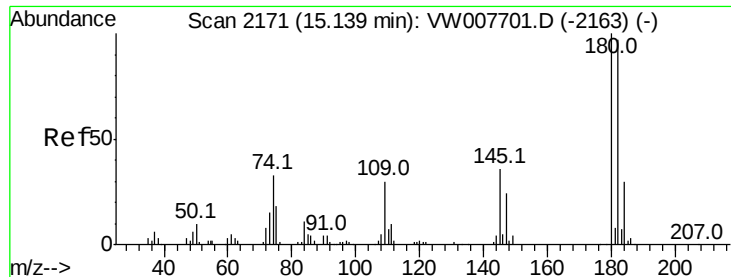
Tot Ion:146 Resp: 22618
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.7 65.1
 148 64.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.460 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion: 75 Resp: 3324
 Ion Ratio Lower Upper
 75 100
 155 75.5 39.4 118.1
 157 93.9 52.0 156.0

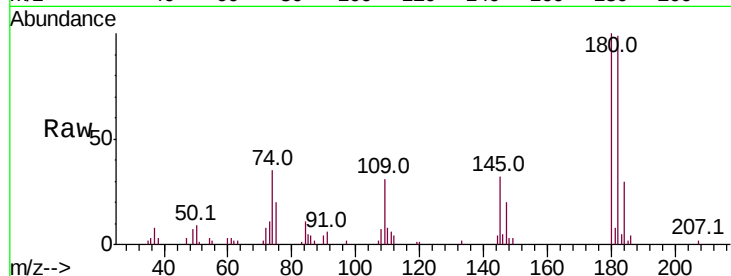




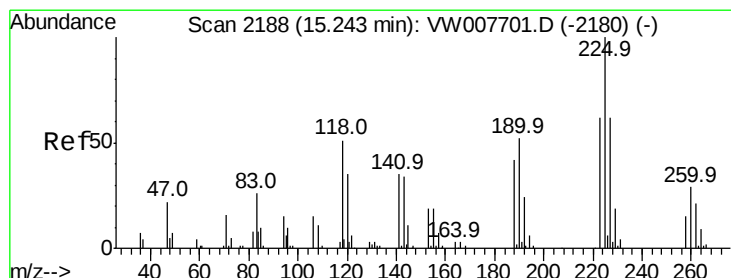
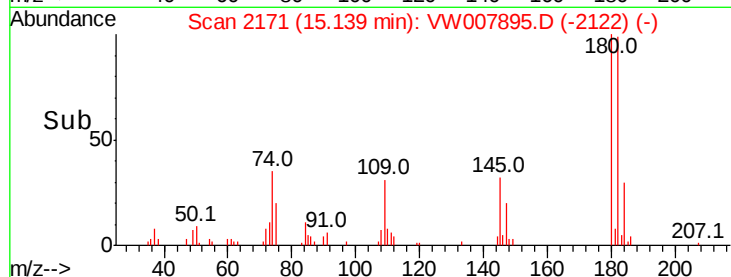
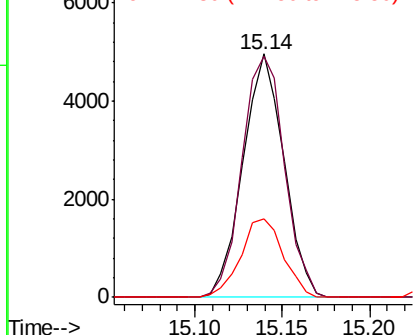
#93
 1,2,4-Trichlorobenzene
 Concen: 24.647 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.8	47.5	142.6
145	33.5	17.5	52.5

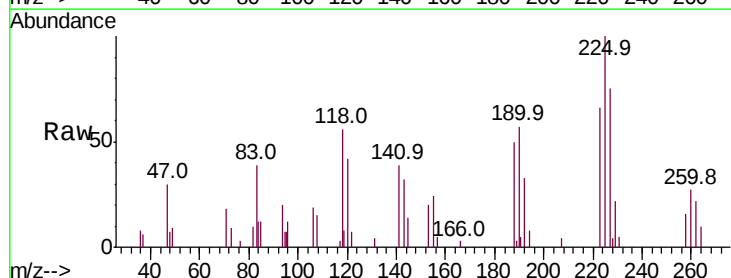


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

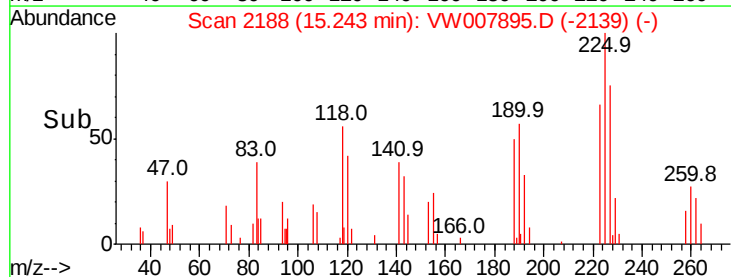
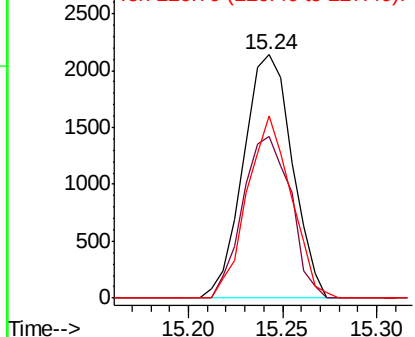


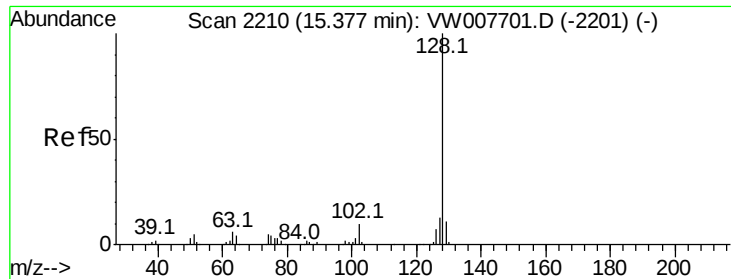
#94
 Hexachlorobutadiene
 Concen: 22.066 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007895.D
 Acq: 24 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.6	94.8
227	67.6	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

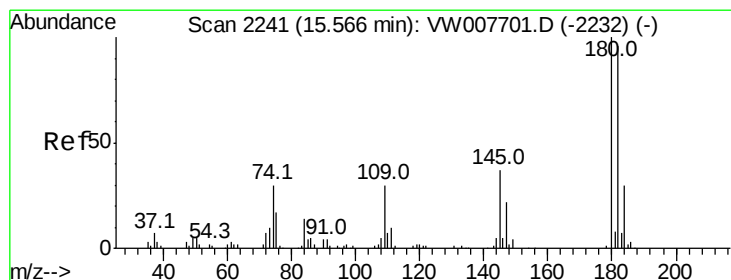
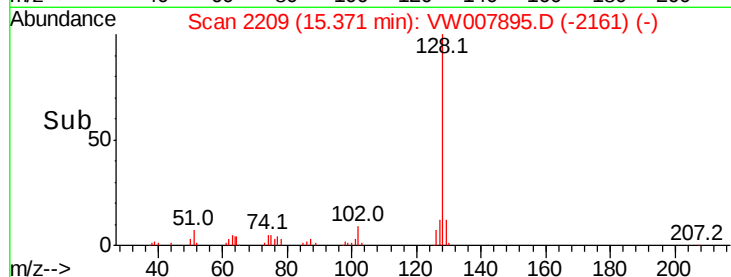
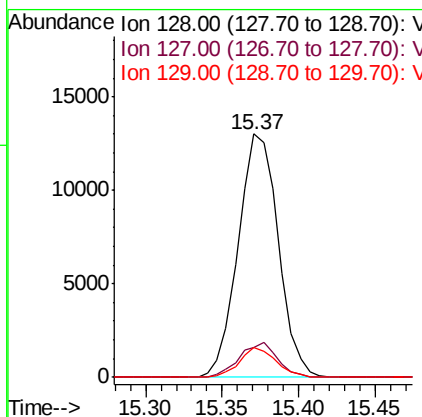
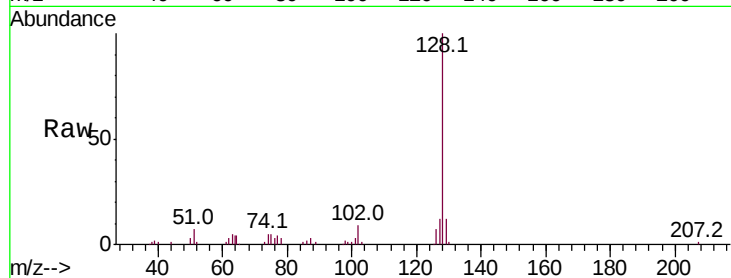




#95
Naphthalene
Concen: 39.222 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 23687
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 23.997 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007895.D
Acq: 24 Dec 2018 18:01

Tgt Ion:180 Resp: 6710
Ion Ratio Lower Upper
180 100
182 93.5 47.4 142.2
145 36.4 18.4 55.0

