

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006628.D
 Acq On : 05 Nov 2018 11:49
 Operator : SY/AP
 Sample : VW1105SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 14:34:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188533	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107196	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	7.88	113	117386	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.32	98	458541	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	159825	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	34500	24.868	ug/l 97
3) Chloromethane	2.21	50	35408	20.628	ug/l 100
4) Vinyl Chloride	2.37	62	54303	22.657	ug/l 100
5) Bromomethane	2.79	94	43493	21.623	ug/l 99
6) Chloroethane	2.93	64	35078	20.947	ug/l 97
7) Trichlorofluoromethane	3.26	101	45026	21.274	ug/l 93
8) Diethyl Ether	3.68	74	23007	19.886	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51622	22.841	ug/l 99
10) Methyl Iodide	4.26	142	83062	20.269	ug/l 99
11) Tert butyl alcohol	5.23	59	9630	77.696	ug/l # 95
12) 1,1-Dichloroethene	4.03	96	47448	21.737	ug/l 96
13) Acrolein	3.90	56	13062	83.791	ug/l 99
14) Allyl chloride	4.67	41	59406	20.849	ug/l 99
15) Acrylonitrile	5.37	53	36863	88.861	ug/l 97
16) Acetone	4.14	43	46155	124.273	ug/l 100
17) Carbon Disulfide	4.37	76	141055	22.708	ug/l 100
18) Methyl Acetate	4.67	43	18885	17.683	ug/l 97
19) Methyl tert-butyl Ether	5.43	73	58564	18.024	ug/l 100
20) Methylene Chloride	4.91	84	53203	18.320	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	51999	21.052	ug/l 95
22) Diisopropyl ether	6.31	45	115027	19.364	ug/l 97
23) Vinyl Acetate	6.26	43	312005	94.715	ug/l 98
24) 1,1-Dichloroethane	6.21	63	82211	20.421	ug/l 99
25) 2-Butanone	7.18	43	53267	100.509	ug/l 100
26) 2,2-Dichloropropane	7.17	77	58225	24.009	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	55526	20.093	ug/l 99
28) Bromochloromethane	7.51	49	30771	19.249	ug/l 97
29) Tetrahydrofuran	7.54	42	28507	85.519	ug/l 98
30) Chloroform	7.68	83	89835	20.353	ug/l 99
31) Cyclohexane	7.96	56	77429	21.131	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	81075	21.707	ug/l 100
36) 1,1-Dichloropropene	8.08	75	72133	22.591	ug/l 99
37) Ethyl Acetate	7.26	43	20439	18.472	ug/l 99
38) Carbon Tetrachloride	8.07	117	78449	23.513	ug/l 100

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 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 14:34:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92822	22.908	ug/l	99
40) Benzene	8.32	78	198640	21.902	ug/l	100
41) Methacrylonitrile	7.49	41	13383	19.724	ug/l	94
42) 1,2-Dichloroethane	8.40	62	53251	20.474	ug/l	100
43) Isopropyl Acetate	8.43	43	40784	18.471	ug/l	99
44) Trichloroethene	9.09	130	61798	22.081	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45437	21.528	ug/l	99
46) Dibromomethane	9.46	93	24698	19.907	ug/l	98
47) Bromodichloromethane	9.65	83	60641	21.050	ug/l	98
48) Methyl methacrylate	9.44	41	19337	18.177	ug/l	97
49) 1,4-Dioxane	9.48	88	6206	341.791	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	104457	92.113	ug/l	99
52) Toluene	10.39	92	132985	21.862	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59049	21.298	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69642	21.256	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35070	19.922	ug/l	97
56) Ethyl methacrylate	10.65	69	36139	18.062	ug/l	97
57) 1,3-Dichloropropane	10.93	76	57402	20.081	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	92829	95.443	ug/l	99
59) 2-Hexanone	10.98	43	79097	102.696	ug/l	99
60) Dibromochloromethane	11.13	129	43259	20.741	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35086	20.071	ug/l	98
64) Tetrachloroethene	10.87	164	55332	20.966	ug/l	99
65) Chlorobenzene	11.66	112	151364	21.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52643	21.499	ug/l	99
67) Ethyl Benzene	11.74	91	256242	22.005	ug/l	100
68) m/p-Xylenes	11.84	106	206095	44.300	ug/l	100
69) o-Xylene	12.17	106	95270	21.510	ug/l	99
70) Styrene	12.18	104	152746	21.153	ug/l	100
71) Bromoform	12.35	173	27115	20.890	ug/l #	100
73) Isopropylbenzene	12.47	105	268752	21.639	ug/l	100
74) N-amyl acetate	12.27	43	38408	17.896	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38591	19.673	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	48815	33.185	ug/l #	100
77) Bromobenzene	12.75	156	68049	21.162	ug/l	99
78) n-propylbenzene	12.81	91	319201	22.345	ug/l	100
79) 2-Chlorotoluene	12.90	91	174186	21.246	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	227911	21.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10704	20.503	ug/l	99
82) 4-Chlorotoluene	12.99	91	189281	21.823	ug/l	99
83) tert-Butylbenzene	13.21	119	205249	22.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	231440	21.625	ug/l	100
85) sec-Butylbenzene	13.39	105	292187	22.421	ug/l	100
86) p-Isopropyltoluene	13.51	119	263506	22.222	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137658	21.738	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	134606	21.443	ug/l	98
89) n-Butylbenzene	13.83	91	238296	22.638	ug/l	100
90) Hexachloroethane	14.10	117	44385	22.774	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	119304	20.944	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5688	17.871	ug/l	98

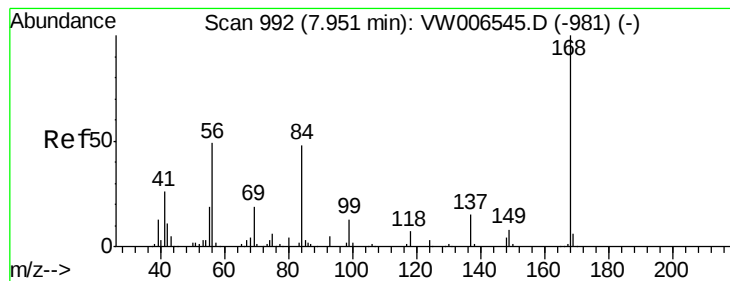
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	90221	21.300	ug/l	99
94) Hexachlorobutadiene	15.24	225	62430	23.649	ug/l	97
95) Naphthalene	15.38	128	129740	19.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77631	20.854	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

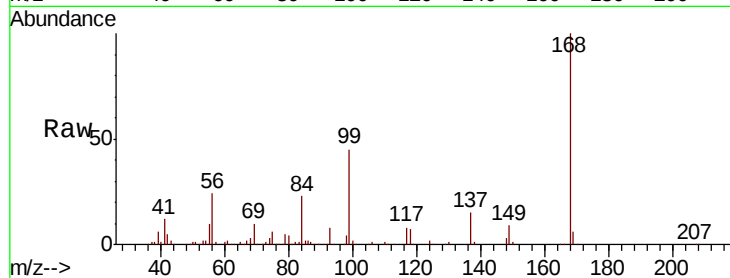
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 267615

Ion Ratio Lower Upper

168 100

99 45.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

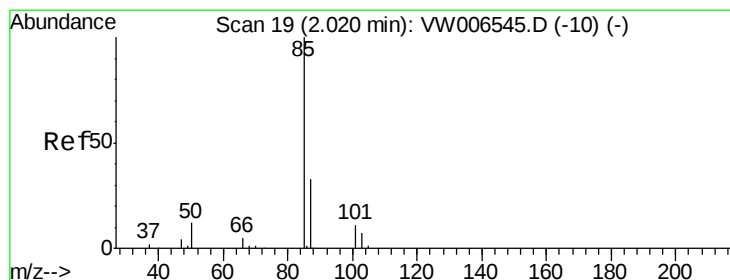
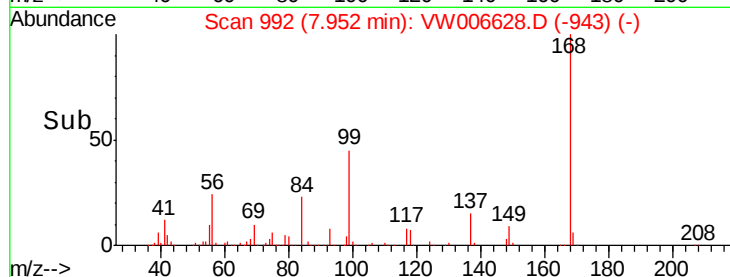
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.868 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006628.D

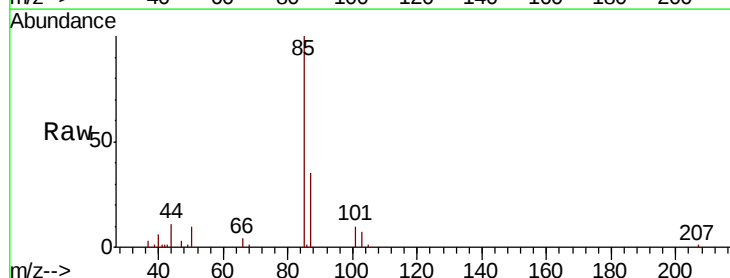
Acq: 05 Nov 2018 11:49

Tgt Ion: 85 Resp: 34500

Ion Ratio Lower Upper

85 100

87 35.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

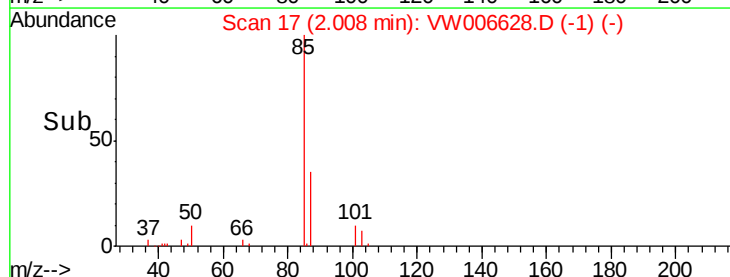
6000

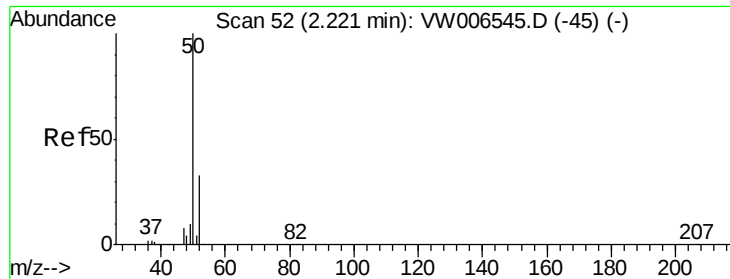
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.628 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

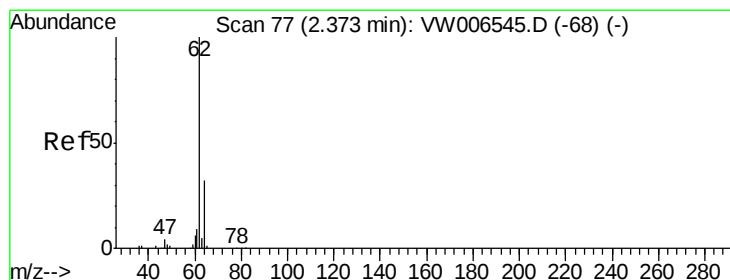
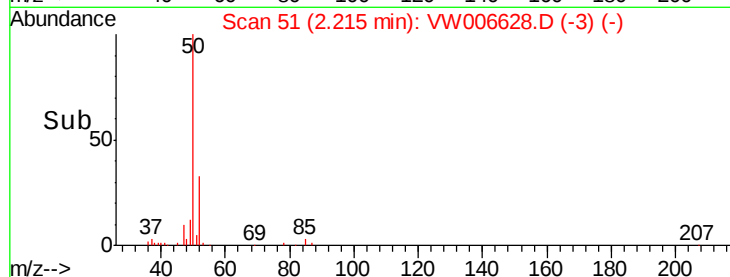
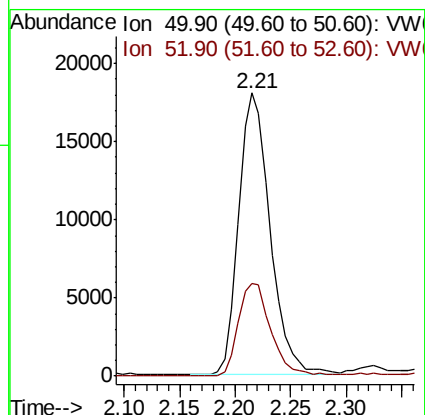
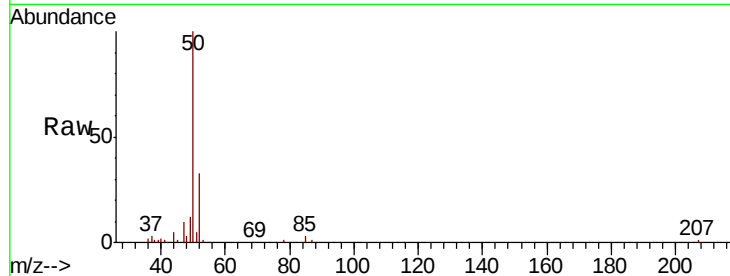
ClientSampleId :

Tot Ion: 50 Resp: 35408

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 22.657 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006628.D

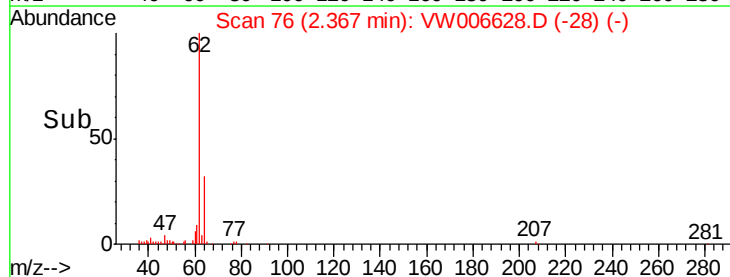
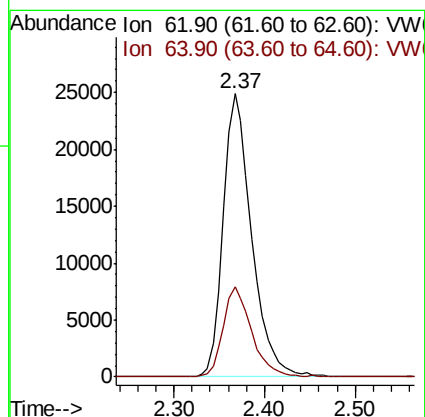
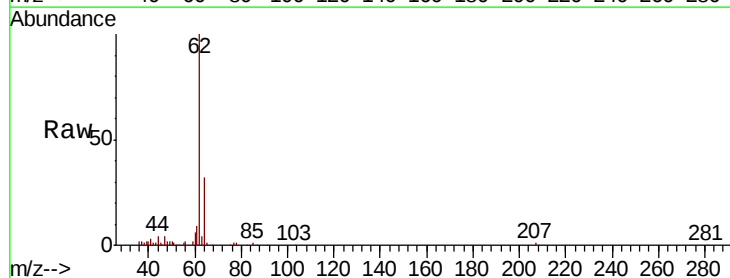
Acq: 05 Nov 2018 11:49

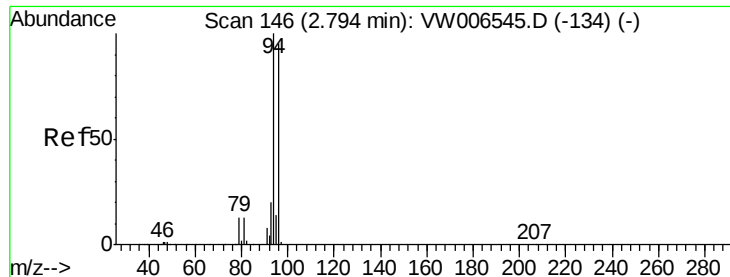
Tgt Ion: 62 Resp: 54303

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 21.623 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

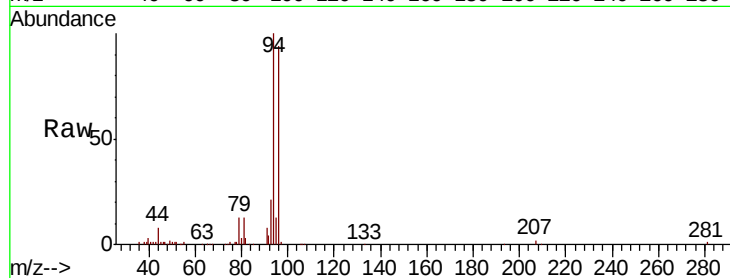
ClientSampleId :

Tot Ion: 94 Resp: 43493

Ion Ratio Lower Upper

94 100

96 93.2 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

20000

15000

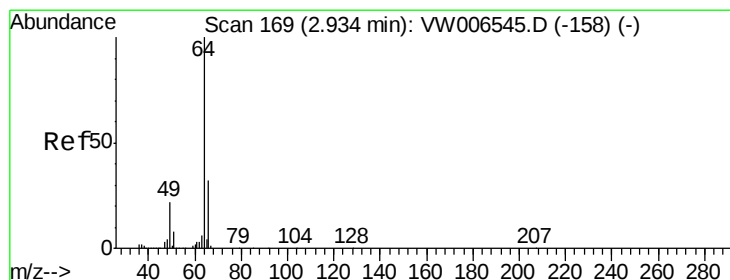
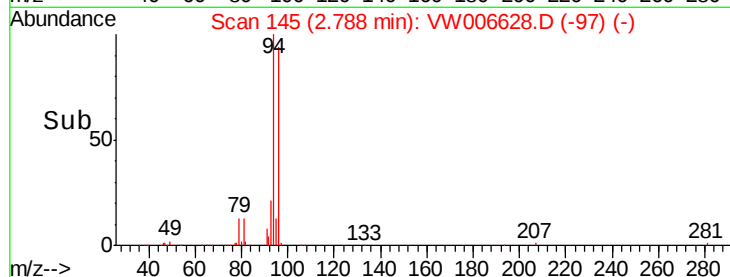
10000

5000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 20.947 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006628.D

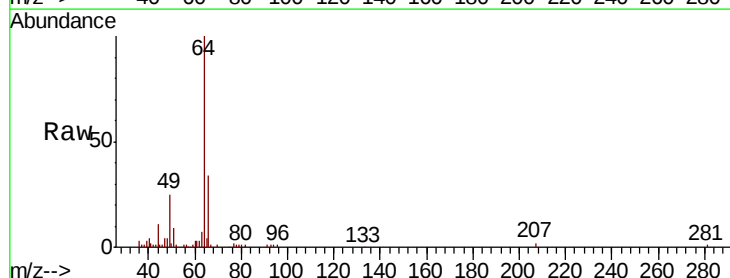
Acq: 05 Nov 2018 11:49

Tgt Ion: 64 Resp: 35078

Ion Ratio Lower Upper

64 100

66 33.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

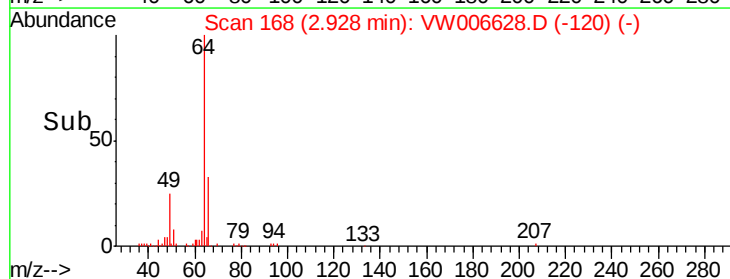
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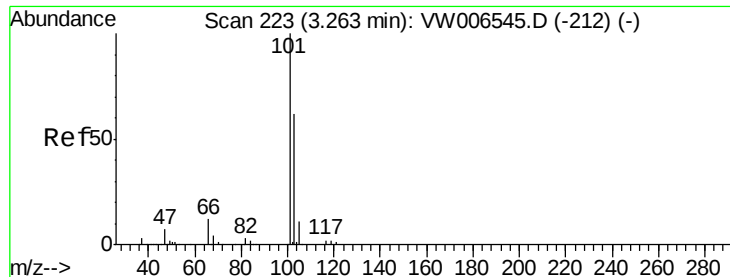
5000

0

2.80 2.90 3.00 3.10

Time-->



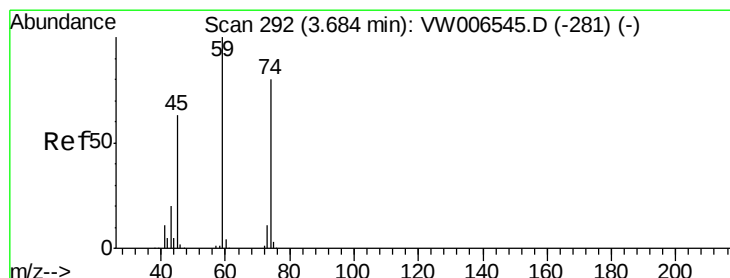
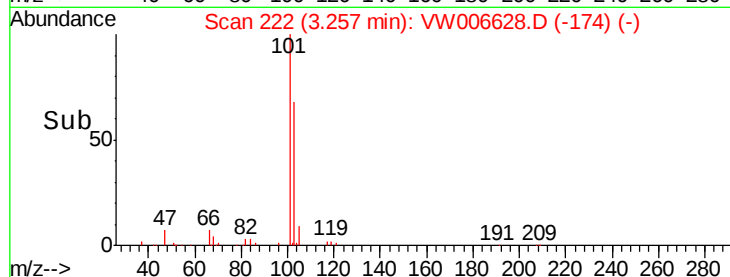
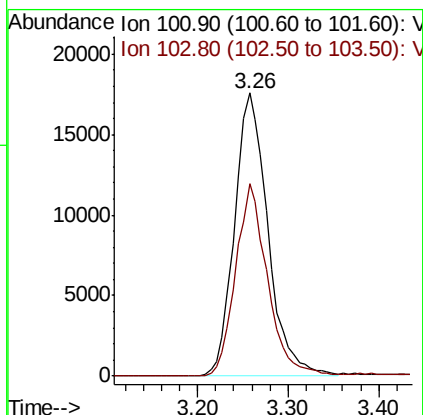
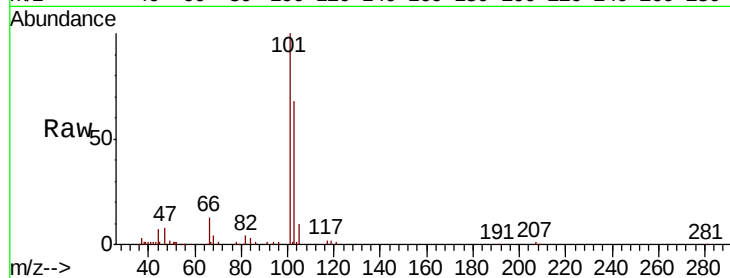


#7

Trichlorofluoromethane
 Concen: 21.274 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :

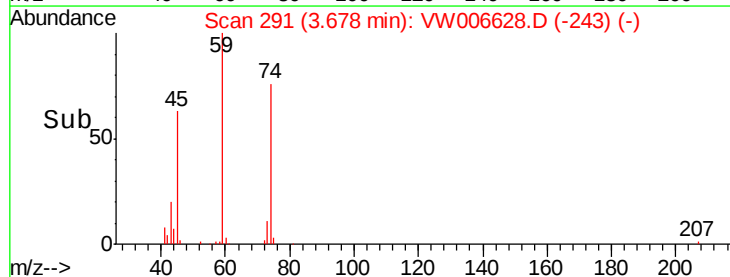
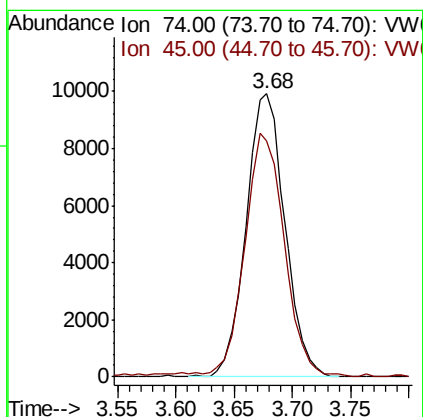
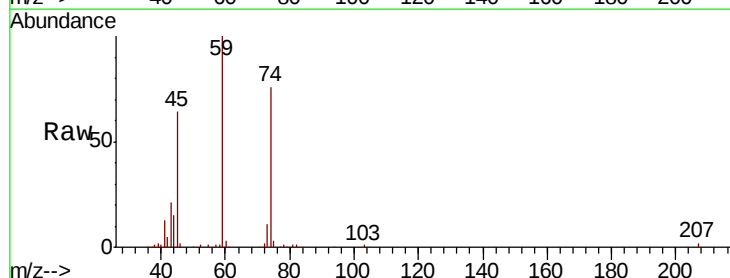
Tot Ion:101 Resp: 45026
 Ion Ratio Lower Upper
 101 100
 103 68.0 49.8 74.8

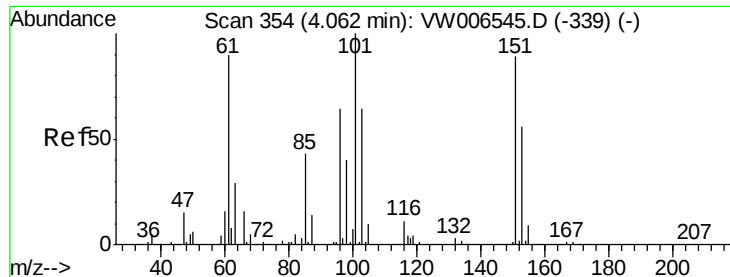


#8

Diethyl Ether
 Concen: 19.886 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion: 74 Resp: 23007
 Ion Ratio Lower Upper
 74 100
 45 88.5 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.841 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

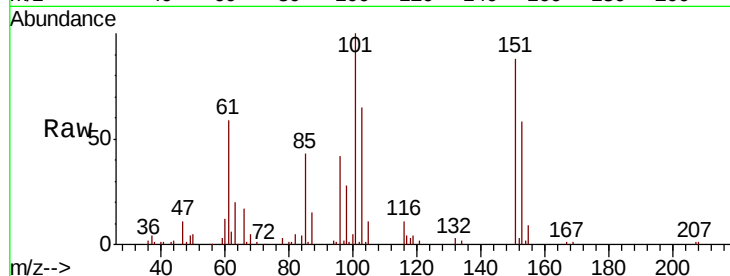
Tot Ion:101 Resp: 51622

Ion Ratio Lower Upper

101 100

85 41.2 34.2 51.2

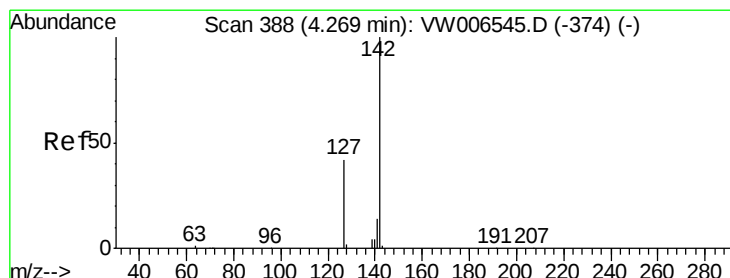
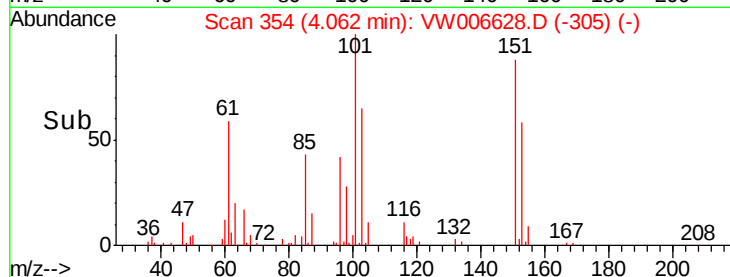
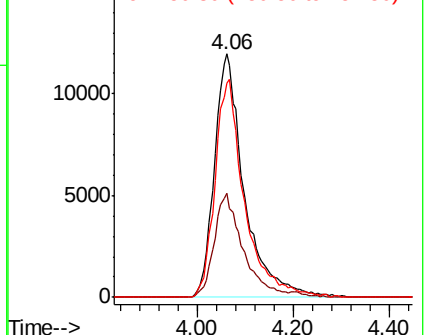
151 88.7 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.269 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

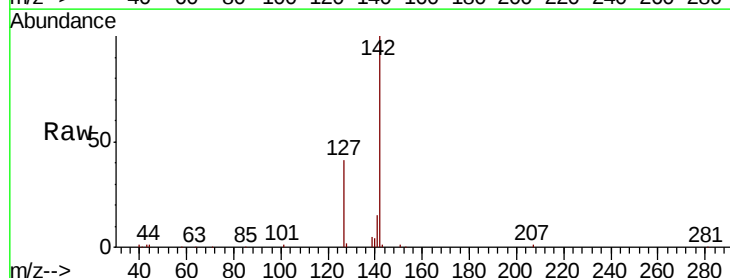
Tgt Ion:142 Resp: 83062

Ion Ratio Lower Upper

142 100

127 40.7 32.3 48.5

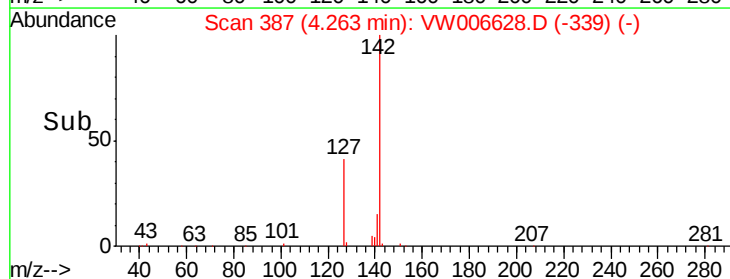
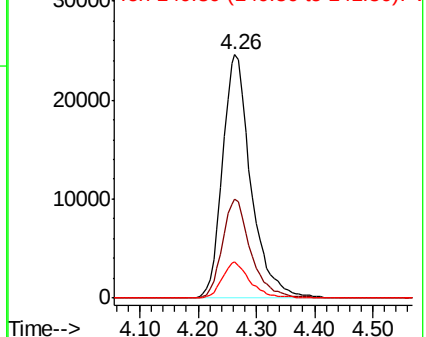
141 14.5 11.3 16.9

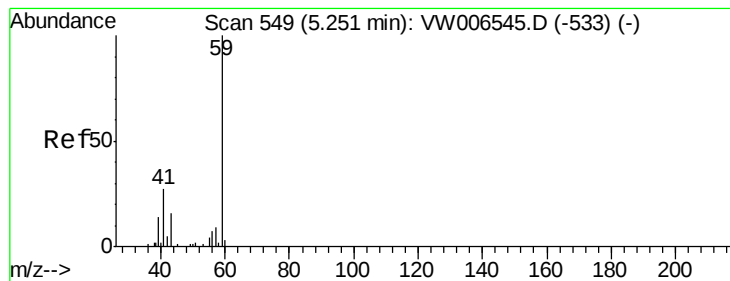


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



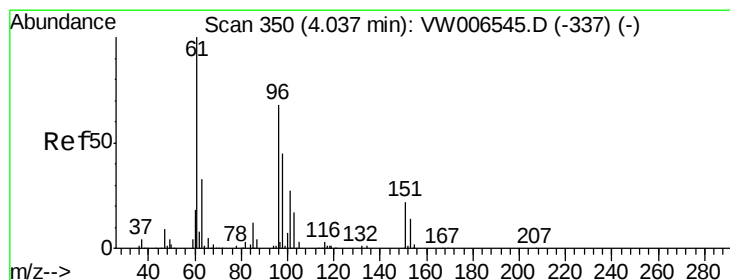
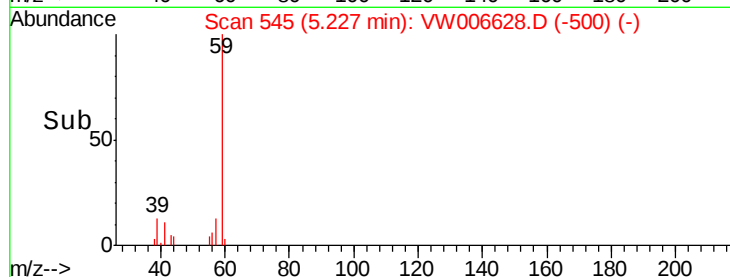
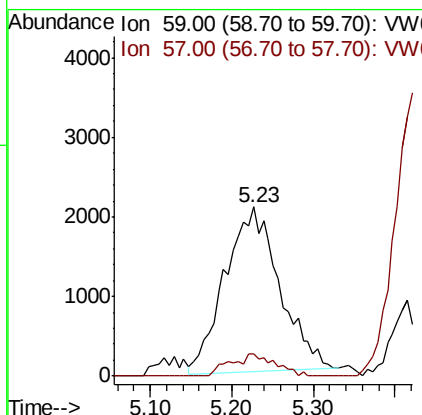
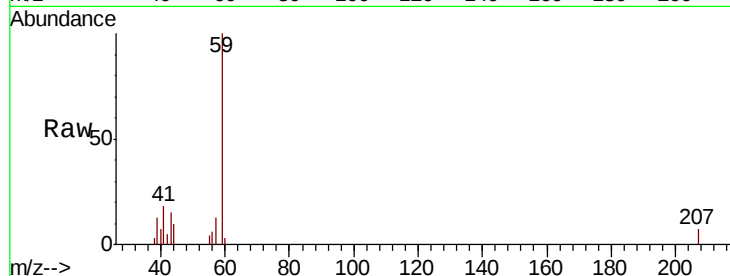


#11

Tert butyl alcohol
Concen: 77.696 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.02 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :

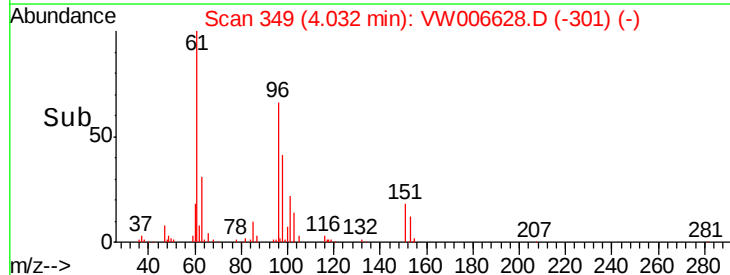
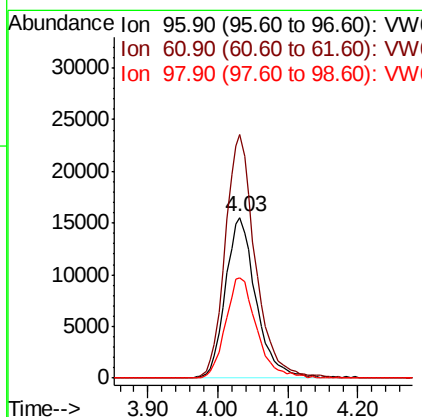
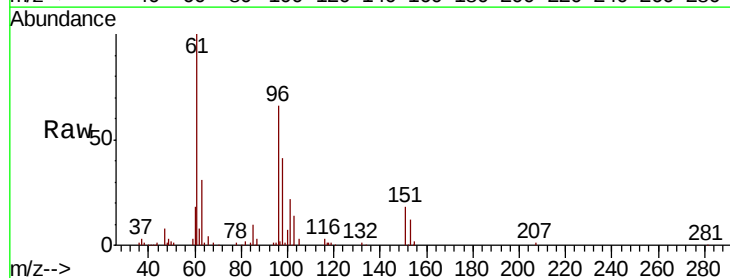
Tot Ion: 59 Resp: 9630
Ion Ratio Lower Upper
59 100
57 7.0 4.3 6.5#

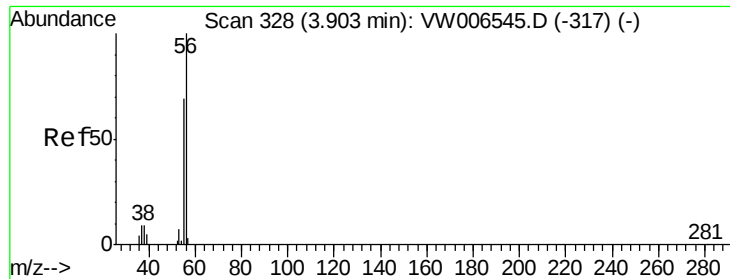


#12

1,1-Dichloroethene
Concen: 21.737 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 96 Resp: 47448
Ion Ratio Lower Upper
96 100
61 151.3 117.0 175.4
98 62.4 52.5 78.7

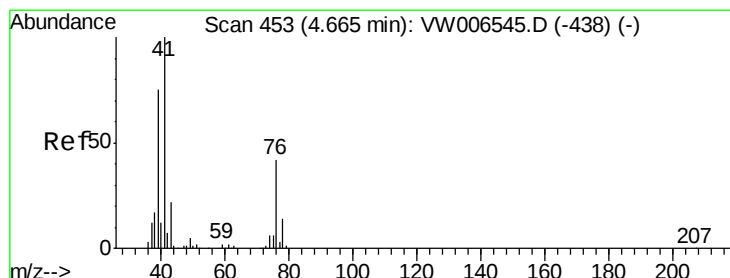
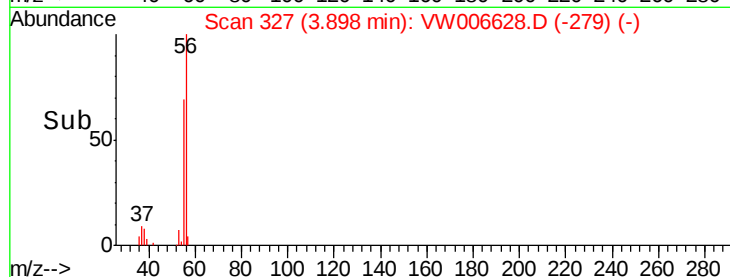
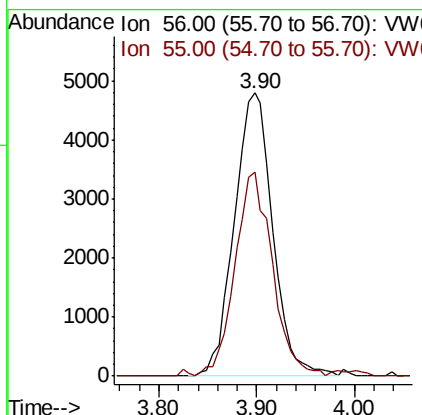
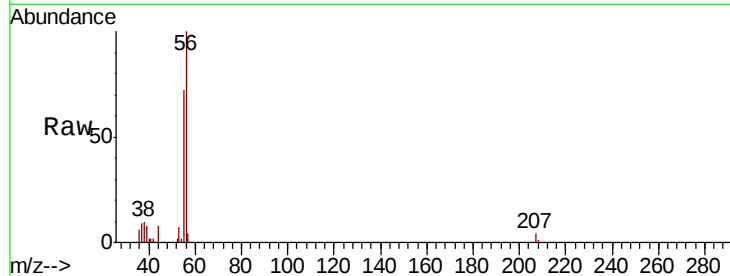




#13
Acrolein
Concen: 83.791 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

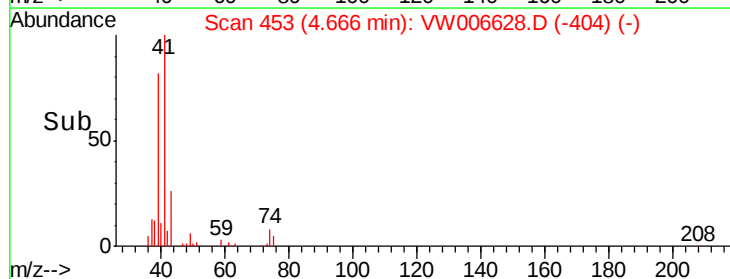
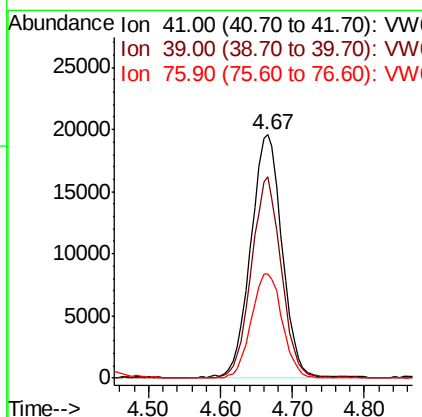
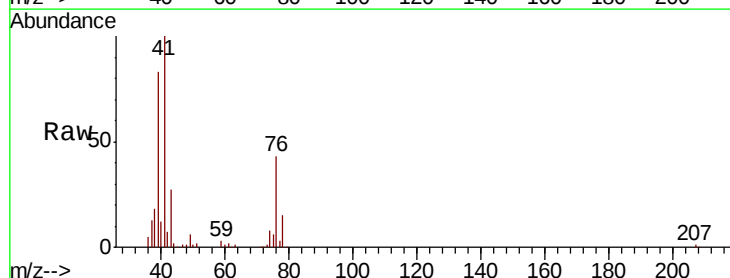
Instrument :
MSVOA_W
ClientSampleId :

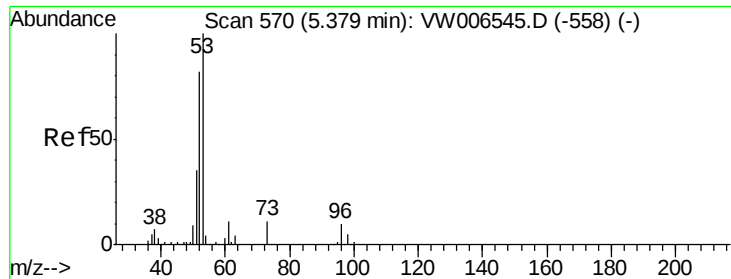
Tot Ion: 56 Resp: 13062
Ion Ratio Lower Upper
56 100
55 70.2 56.9 85.3



#14
Allyl chloride
Concen: 20.849 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 41 Resp: 59406
Ion Ratio Lower Upper
41 100
39 78.5 62.1 93.1
76 42.1 34.2 51.2





#15

Acrylonitrile

Concen: 88.861 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampled :

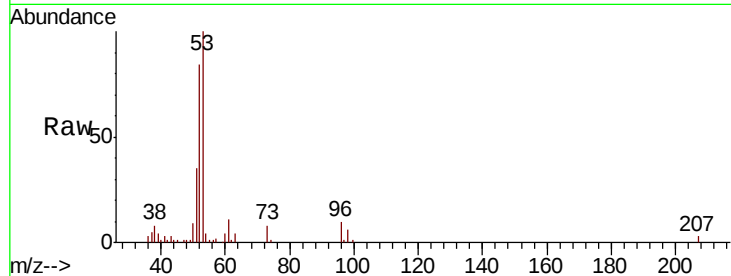
Tot Ion: 53 Resp: 36863

Ion Ratio Lower Upper

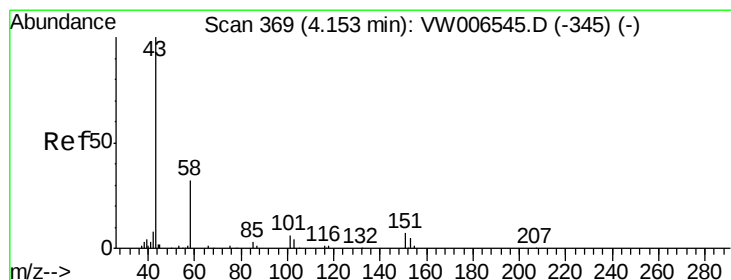
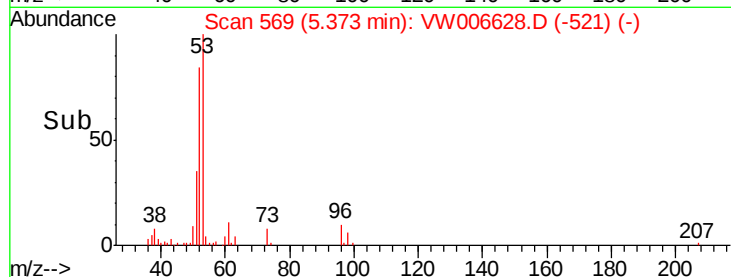
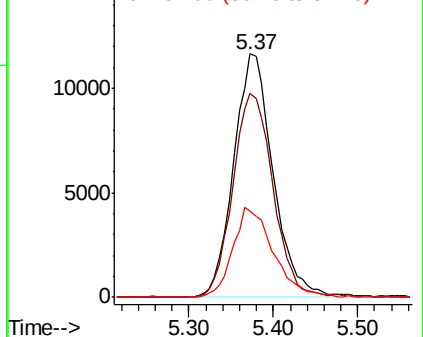
53 100

52 85.4 65.8 98.8

51 37.8 29.6 44.4



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: 124.273 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006628.D

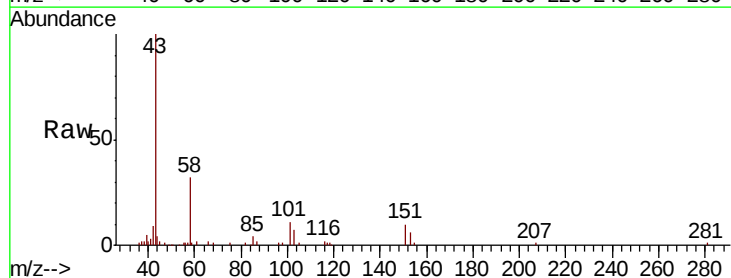
Acq: 05 Nov 2018 11:49

Tgt Ion: 43 Resp: 46155

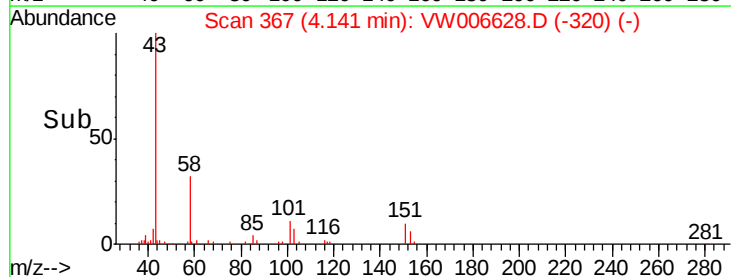
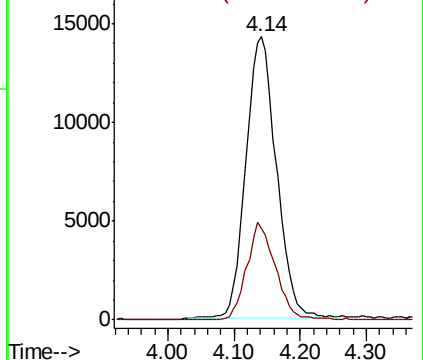
Ion Ratio Lower Upper

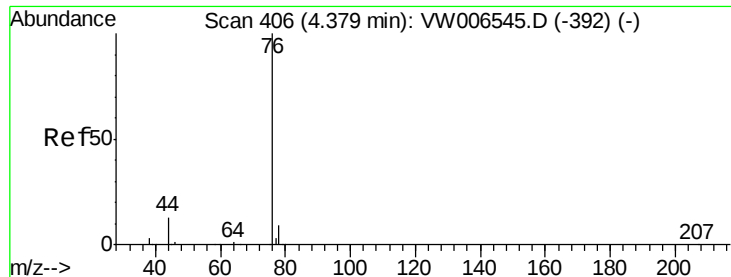
43 100

58 32.3 25.8 38.8



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





#17

Carbon Disulfide

Concen: 22.708 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

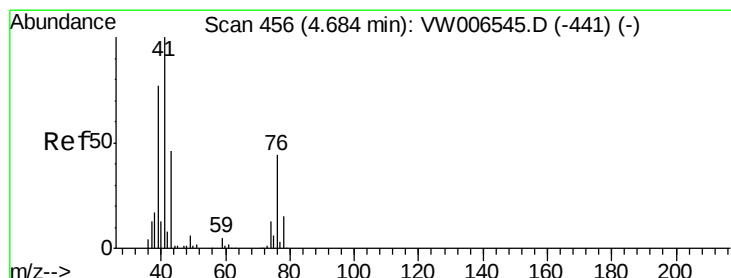
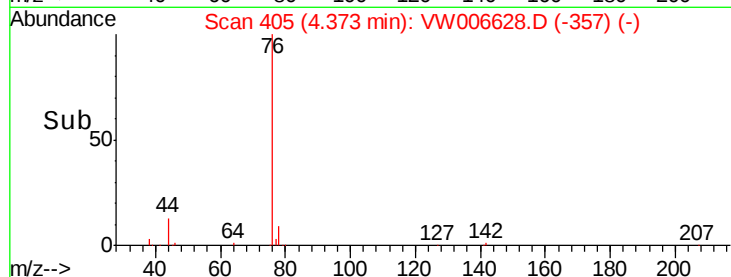
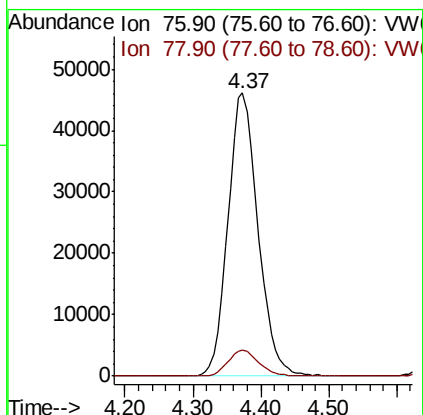
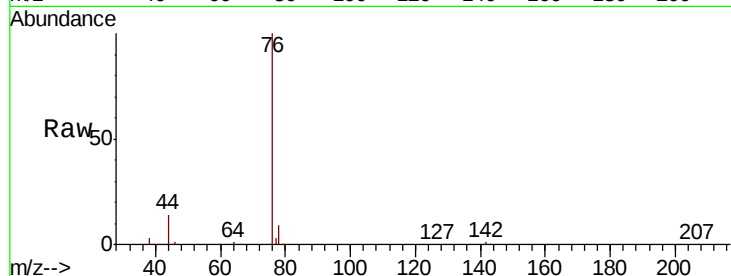
ClientSampled :

Tot Ion: 76 Resp: 141055

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 17.683 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006628.D

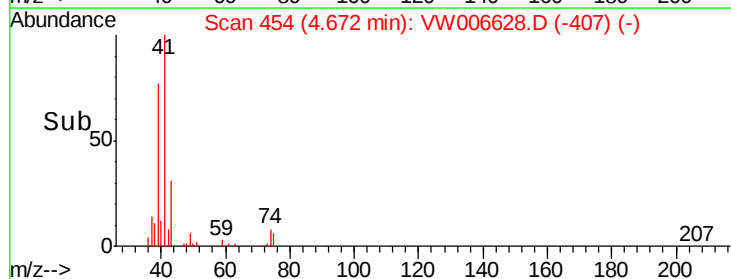
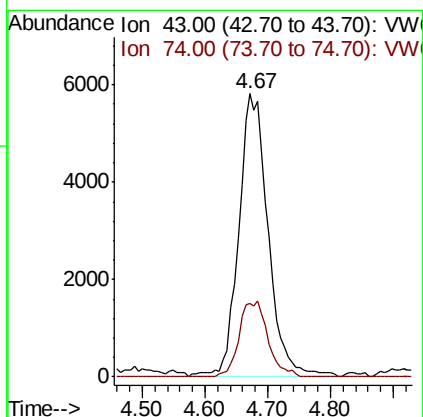
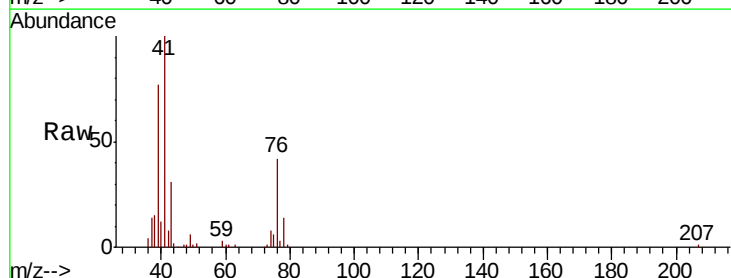
Acq: 05 Nov 2018 11:49

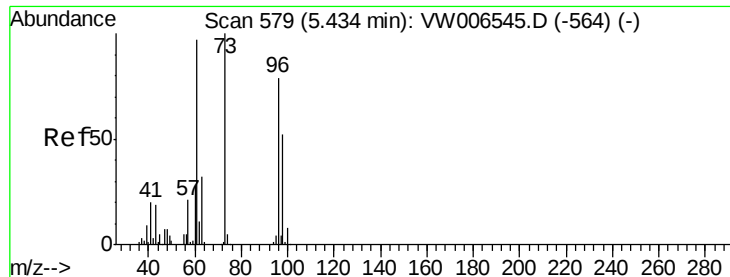
Tgt Ion: 43 Resp: 18885

Ion Ratio Lower Upper

43 100

74 26.1 21.9 32.9

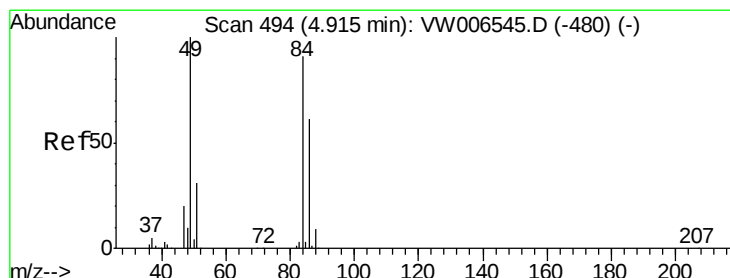
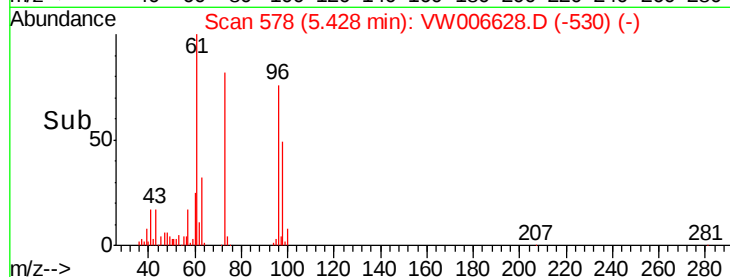
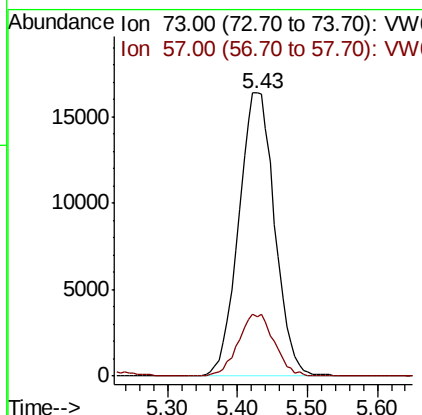
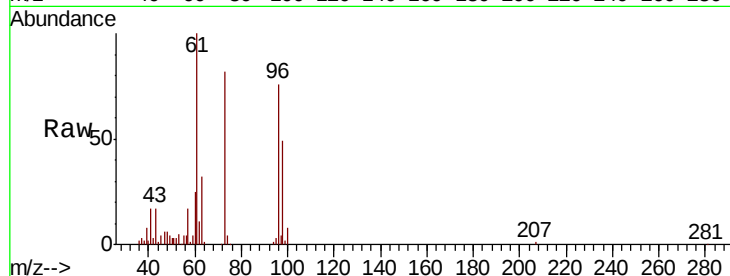




#19
Methyl tert-butyl Ether
Concen: 18.024 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

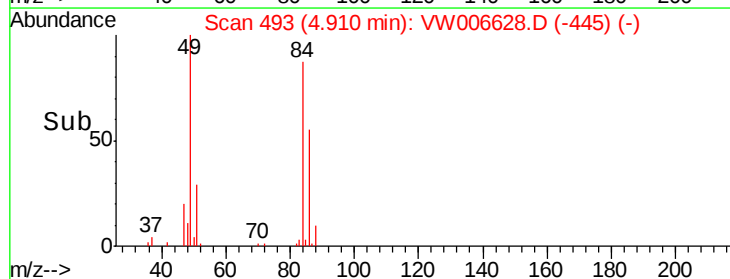
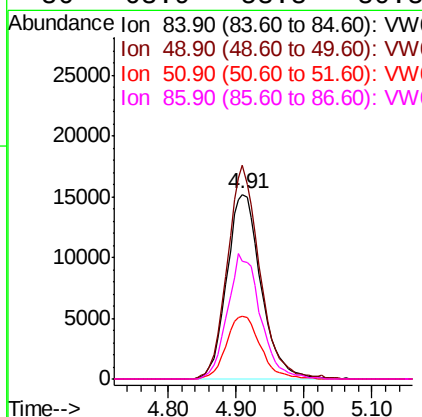
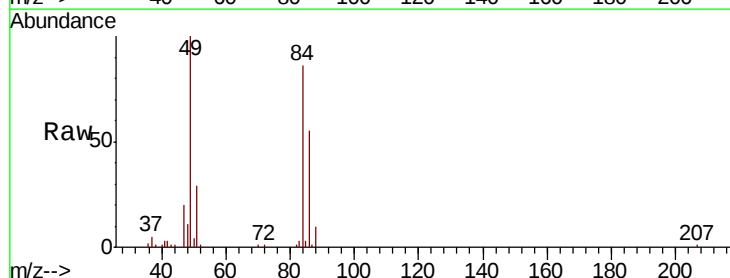
Instrument :
MSVOA_W
ClientSampleId :

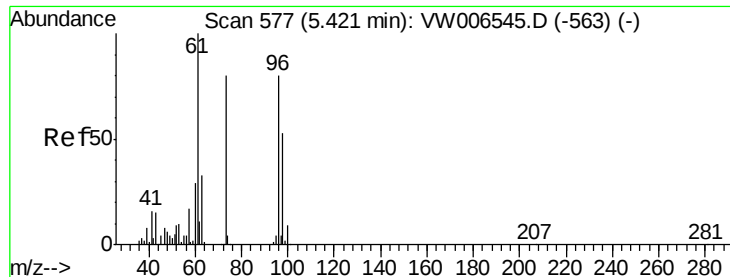
Tot Ion: 73 Resp: 58564
Ion Ratio Lower Upper
73 100
57 20.9 16.7 25.1



#20
Methylene Chloride
Concen: 18.320 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 84 Resp: 53203
Ion Ratio Lower Upper
84 100
49 115.9 88.2 132.4
51 33.9 27.0 40.6
86 63.9 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.052 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampled :

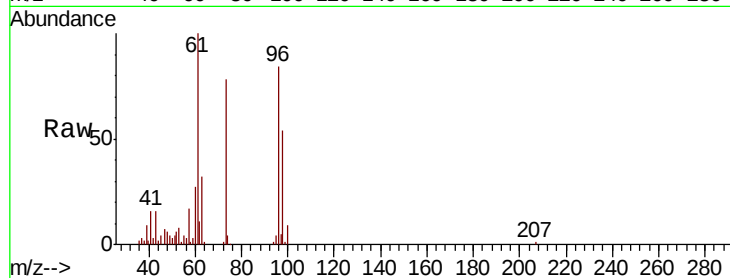
Tot Ion: 96 Resp: 51999

Ion Ratio Lower Upper

96 100

61 118.7 100.6 150.8

98 64.0 52.9 79.3

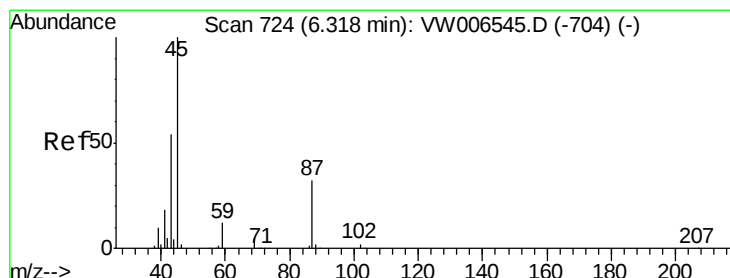
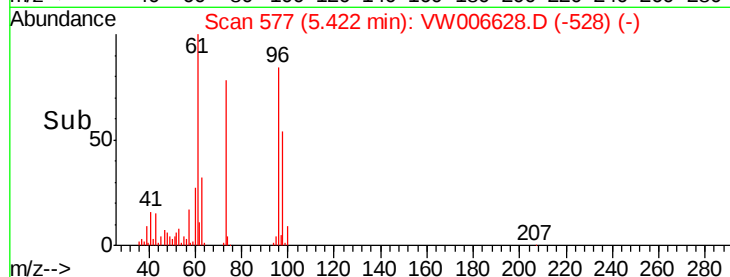
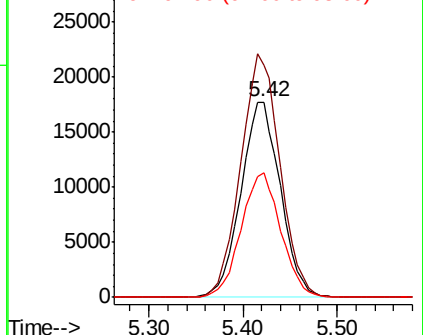


Abundance

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: 19.364 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Tgt Ion: 45 Resp: 115027

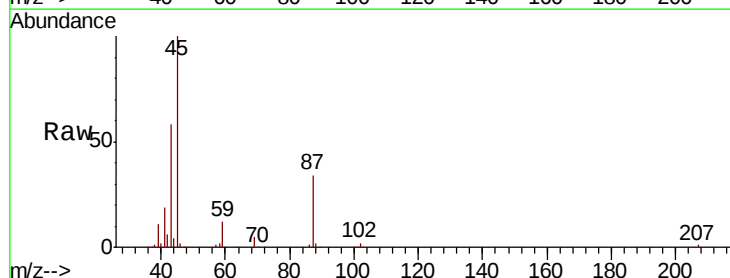
Ion Ratio Lower Upper

45 100

43 57.6 43.6 65.4

87 34.4 26.3 39.5

59 11.8 9.8 14.8



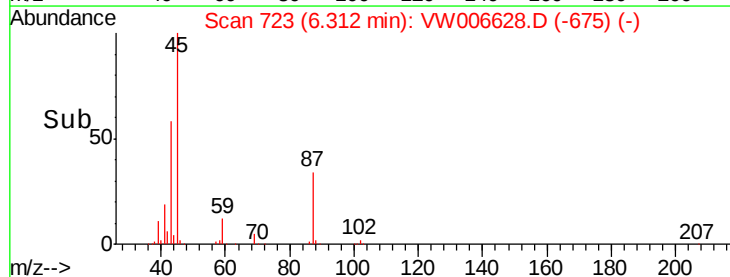
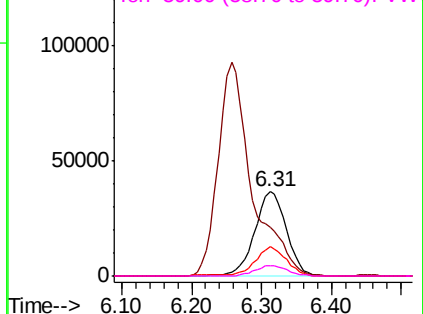
Abundance

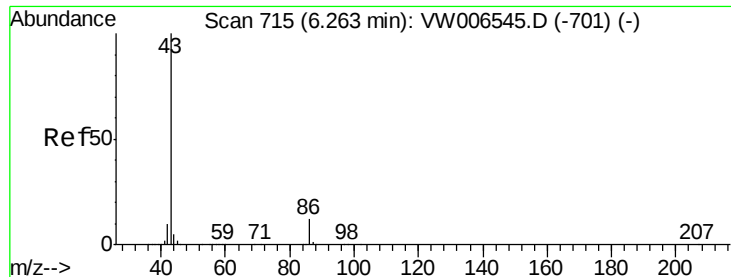
Ion 45.00 (44.70 to 45.70): VW

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: 94.715 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

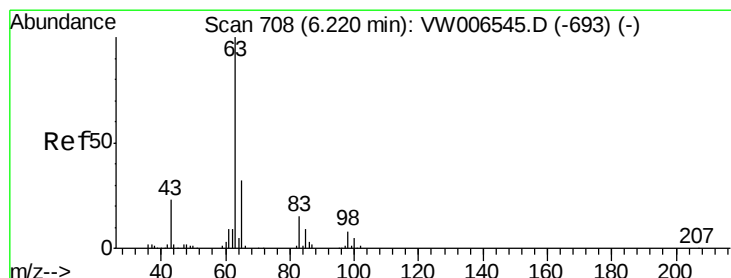
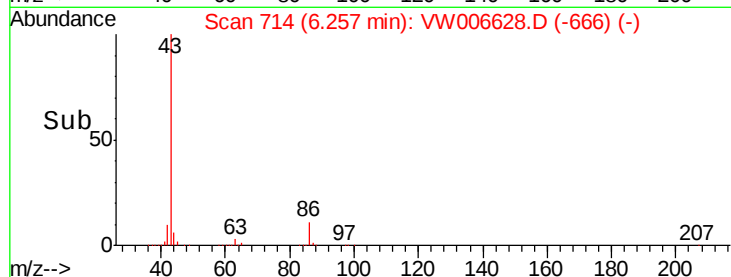
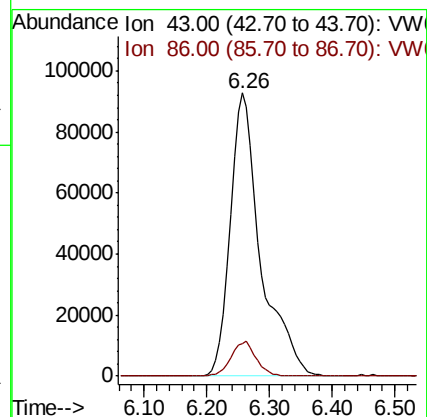
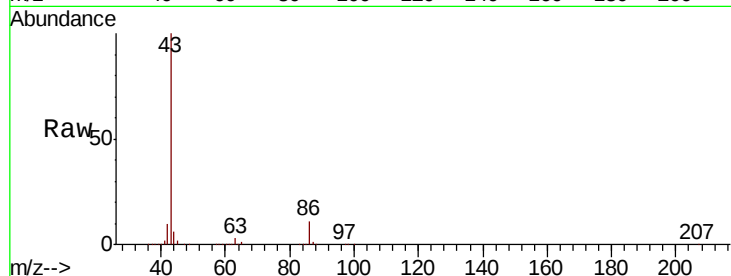
ClientSampled :

Tot Ion: 43 Resp: 312005

Ion Ratio Lower Upper

43 100

86 11.3 9.8 14.8



#24

1,1-Dichloroethane

Concen: 20.421 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

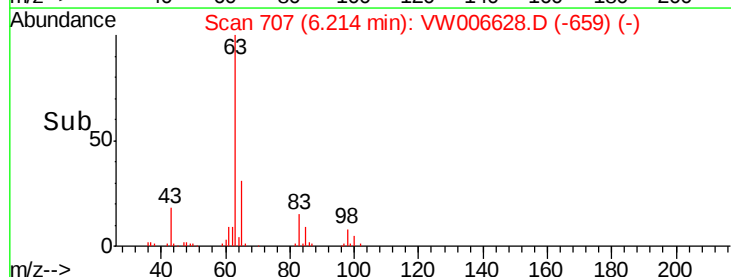
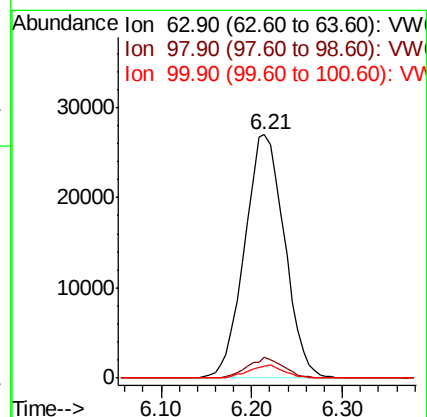
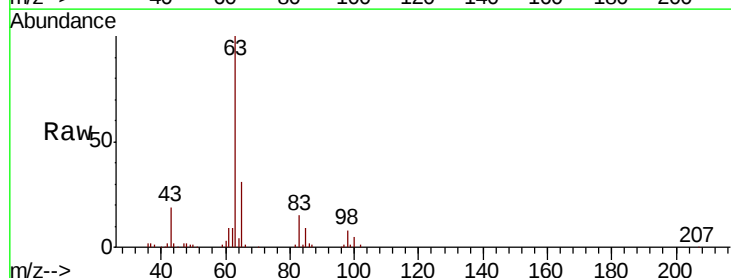
Tgt Ion: 63 Resp: 82211

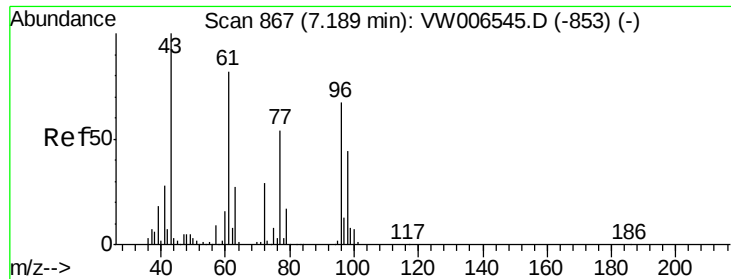
Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 100.509 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

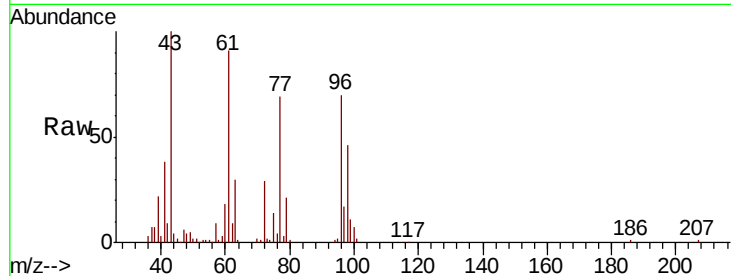
ClientSampled :

Tot Ion: 43 Resp: 53267

Ion Ratio Lower Upper

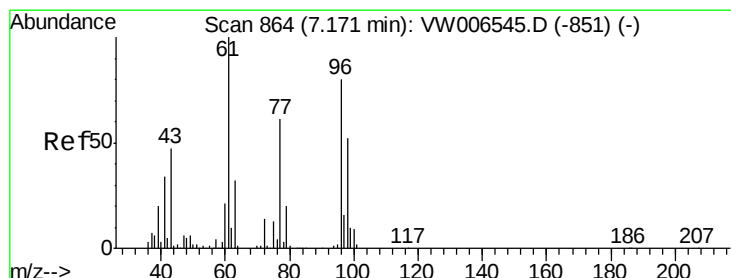
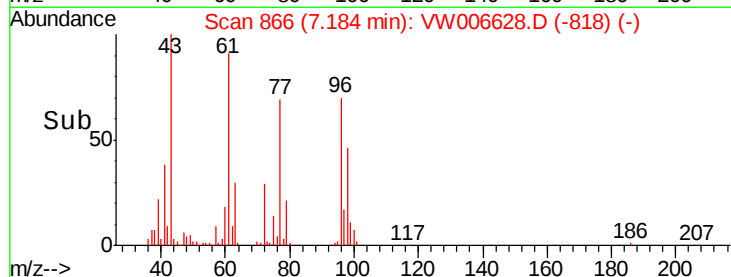
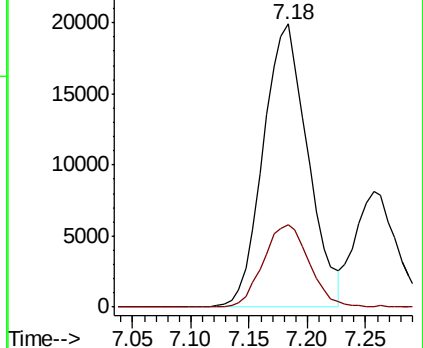
43 100

72 29.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 24.009 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006628.D

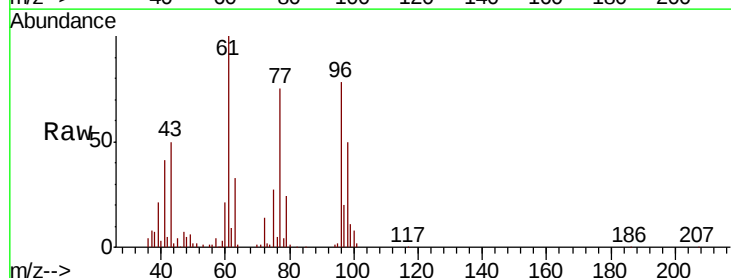
Acq: 05 Nov 2018 11:49

Tgt Ion: 77 Resp: 58225

Ion Ratio Lower Upper

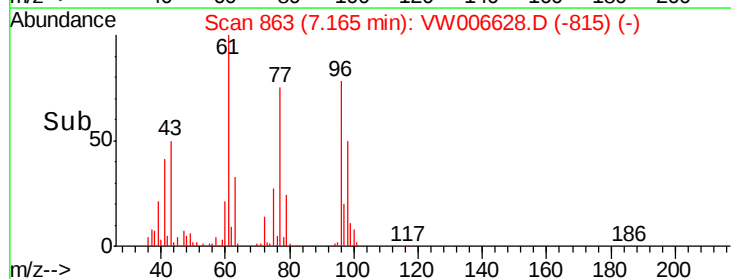
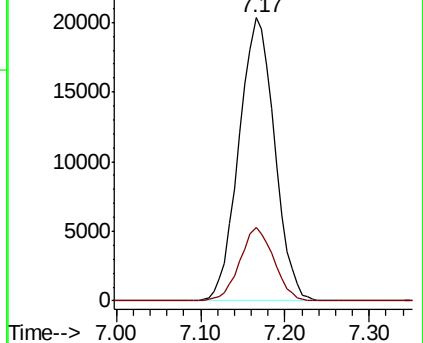
77 100

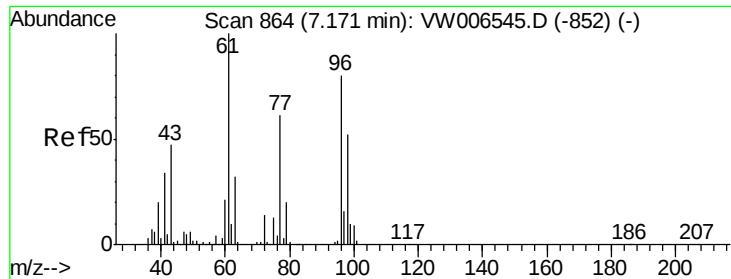
97 24.8 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



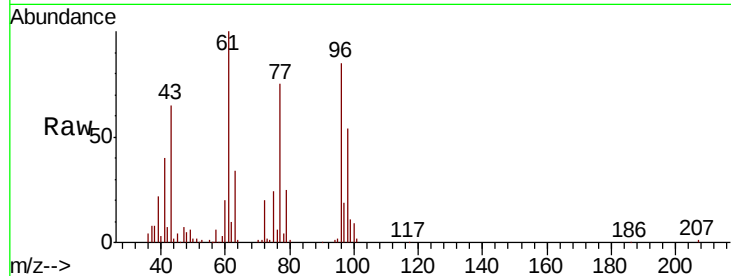


#27

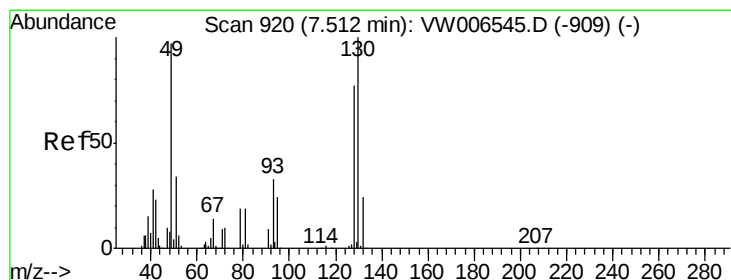
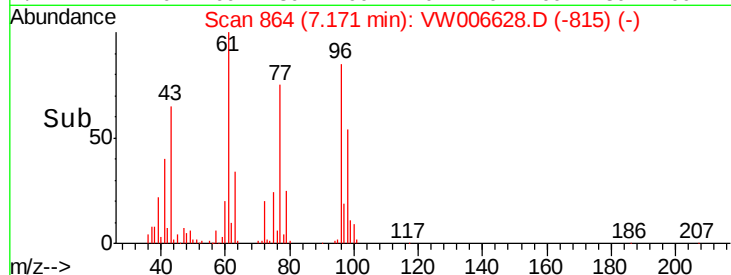
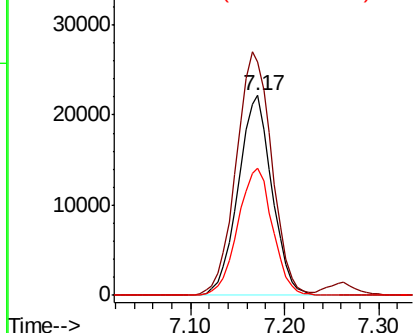
cis-1,2-Dichloroethene
 Concen: 20.093 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 96 Resp: 55526
 Ion Ratio Lower Upper
 96 100
 61 128.6 0.0 254.2
 98 65.3 0.0 129.6



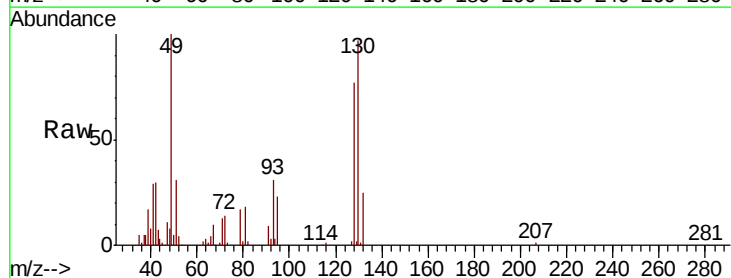
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



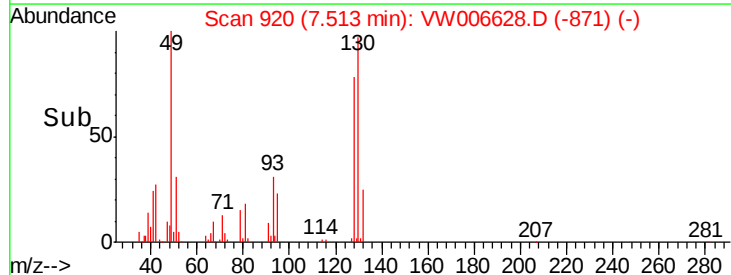
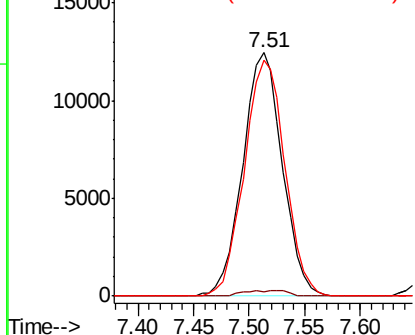
#28

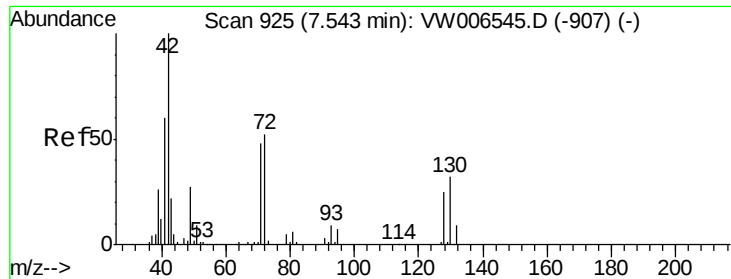
Bromochloromethane
 Concen: 19.249 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion: 49 Resp: 30771
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 5.6
 130 99.4 82.2 123.2



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

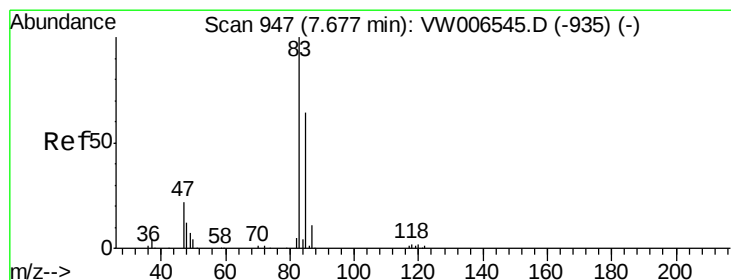
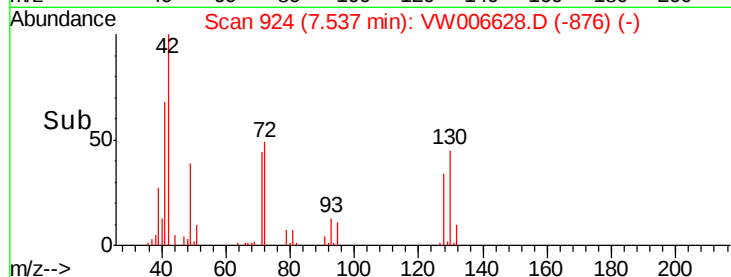
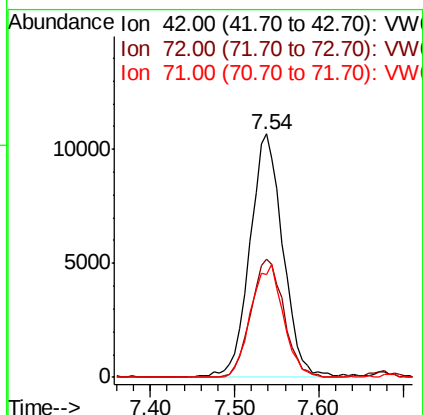
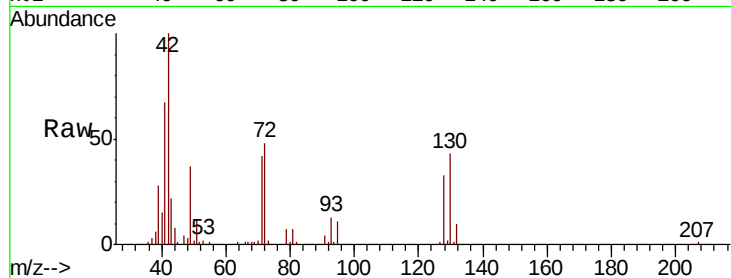




#29
Tetrahydrofuran
Concen: 85.519 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

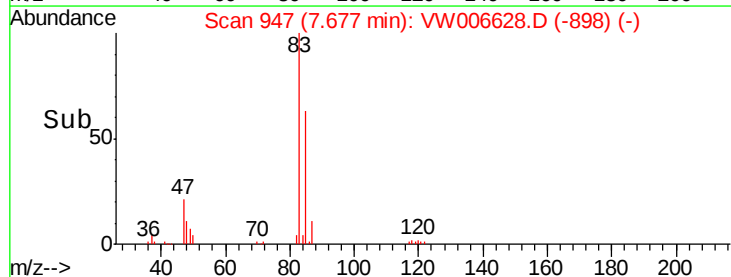
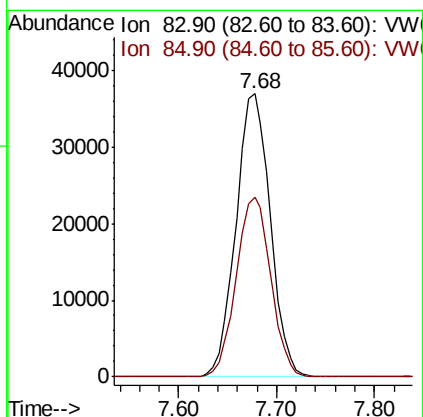
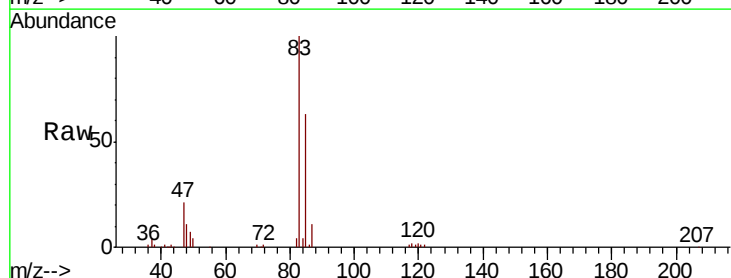
Instrument :
MSVOA_W
ClientSampleId :

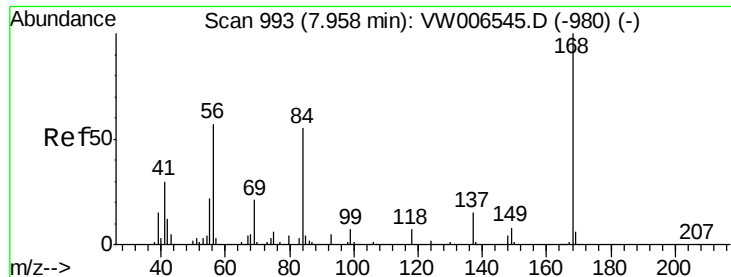
Tot Ion: 42 Resp: 28507
Ion Ratio Lower Upper
42 100
72 48.3 39.2 58.8
71 45.3 37.6 56.4



#30
Chloroform
Concen: 20.353 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 83 Resp: 89835
Ion Ratio Lower Upper
83 100
85 63.5 51.3 76.9

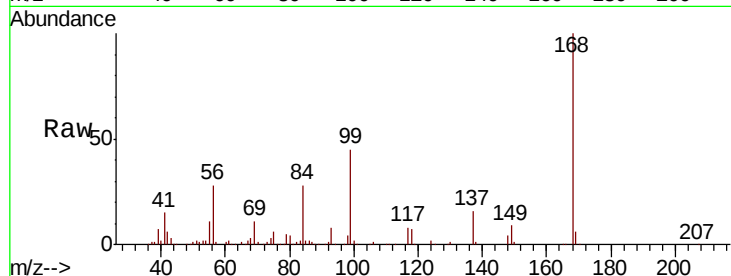




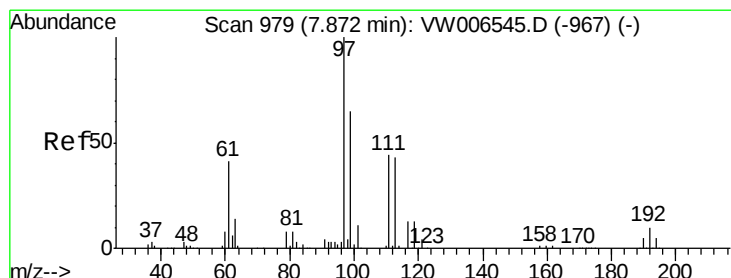
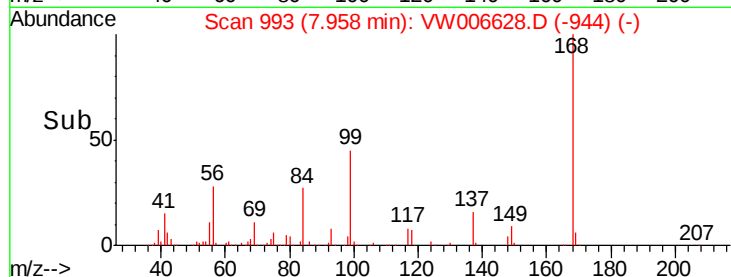
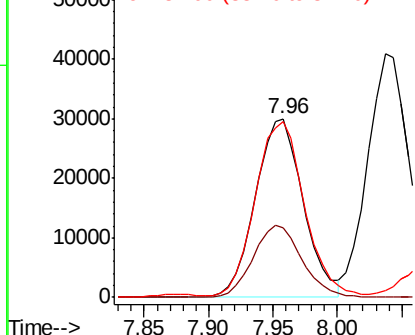
#31
Cyclohexane
Concen: 21.131 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 77429
Ion Ratio Lower Upper
56 100
69 39.1 29.0 43.4
84 96.9 77.8 116.6

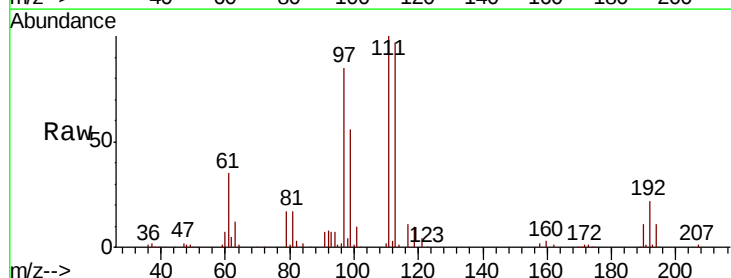


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

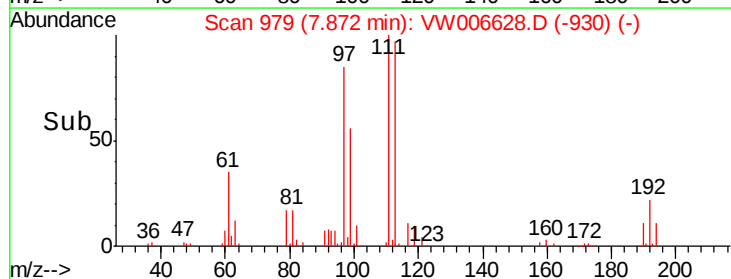
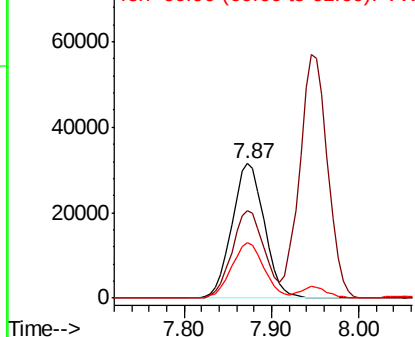


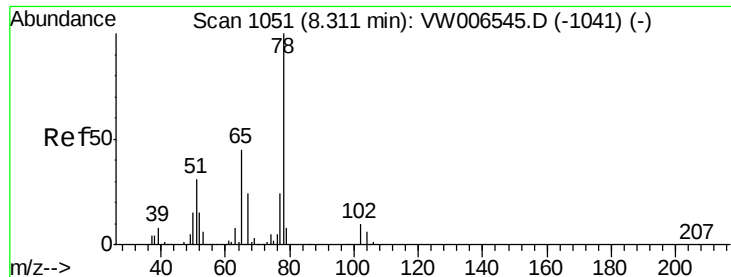
#32
1,1,1-Trichloroethane
Concen: 21.707 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 97 Resp: 81075
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 41.3 32.9 49.3



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

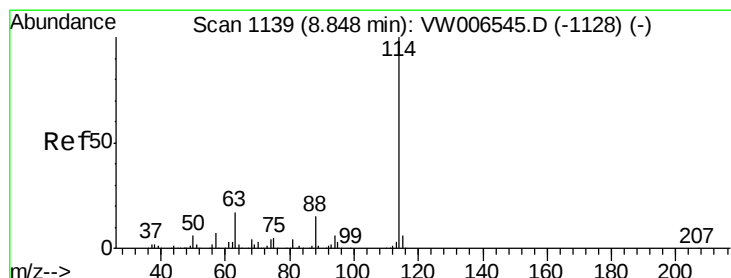
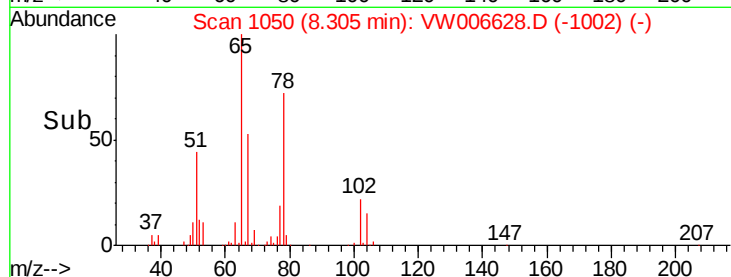
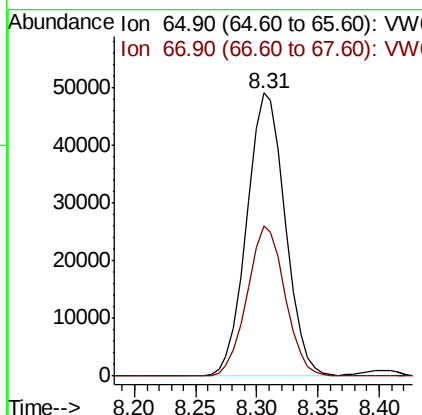
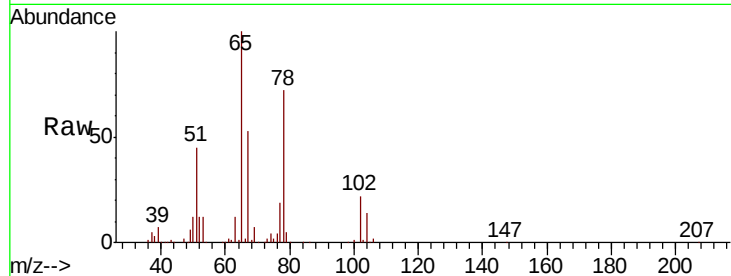




#33
 1,2-Dichloroethane-d4
 Concen: 46.599 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

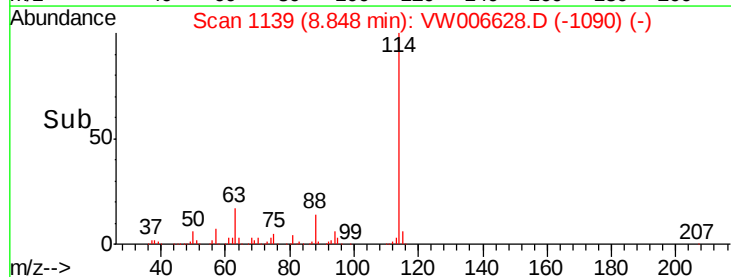
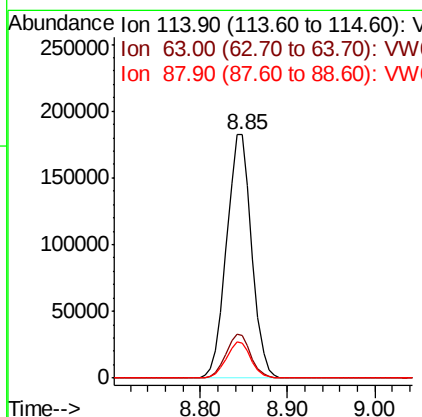
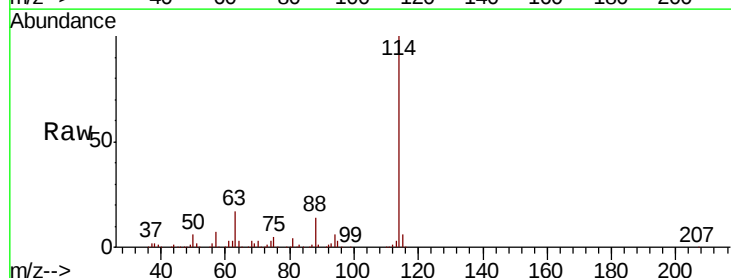
Instrument :
 MSVOA_W
 ClientSampled :

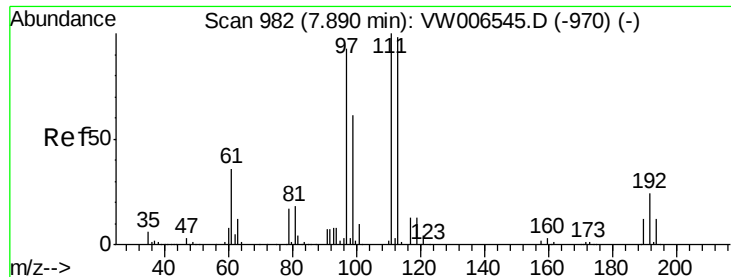
Tot Ion: 65 Resp: 107196
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion: 114 Resp: 363087
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.2 0.0 29.0

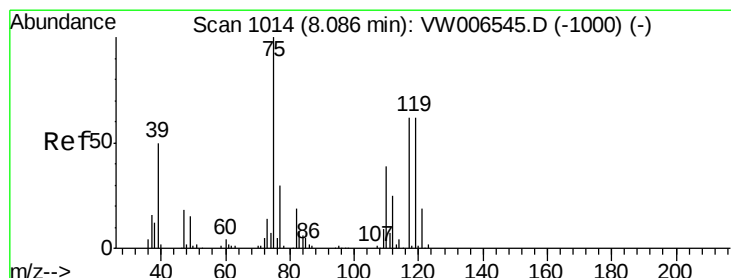
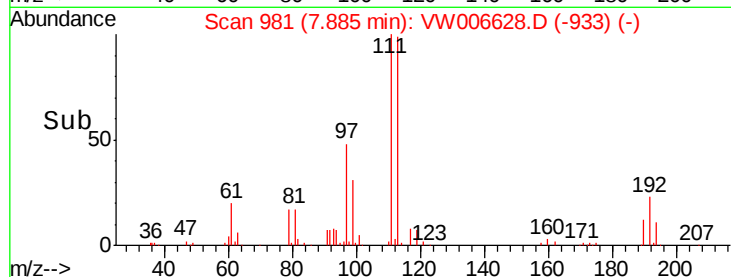
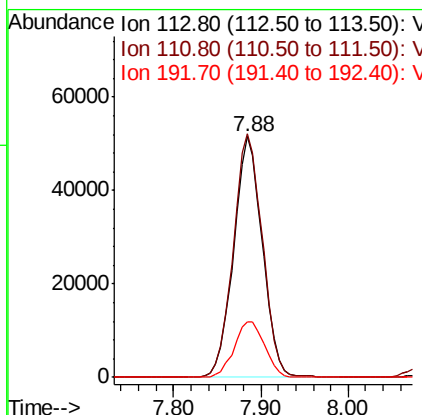
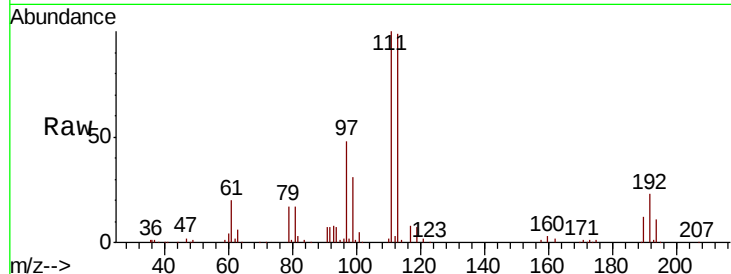




#35
 Dibromofluoromethane
 Concen: 51.515 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

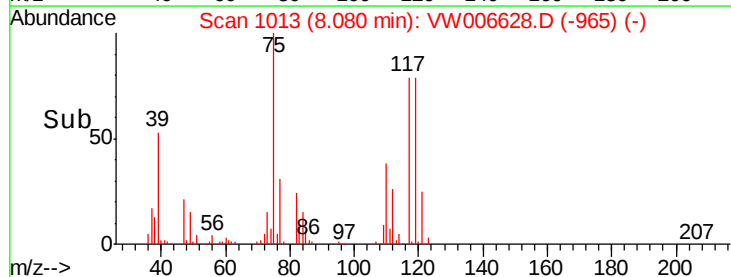
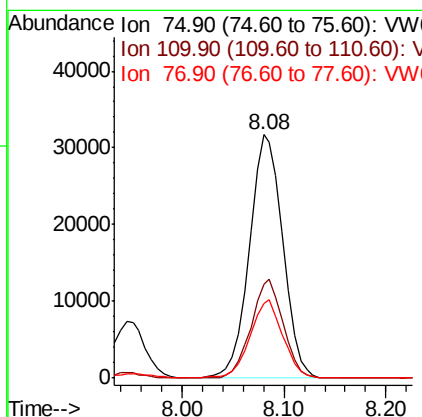
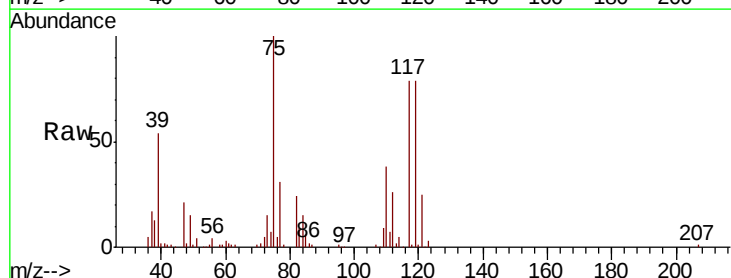
Instrument :
 MSVOA_W
 ClientSampleId :

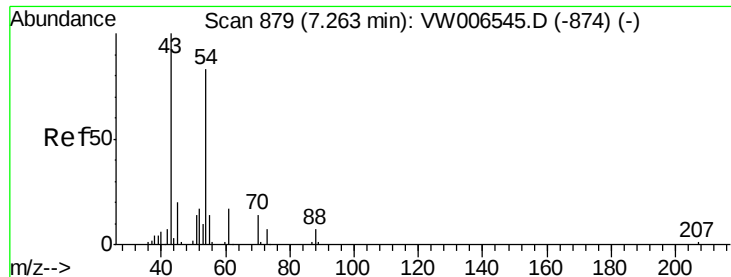
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	24.4	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 22.591 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.5	58.5
77	31.7	24.6	37.0

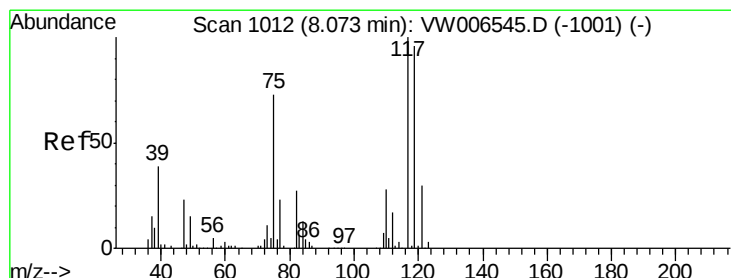
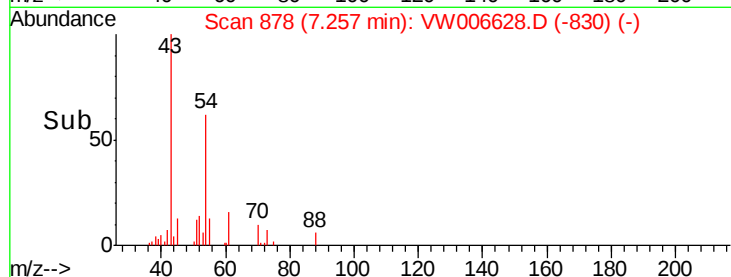
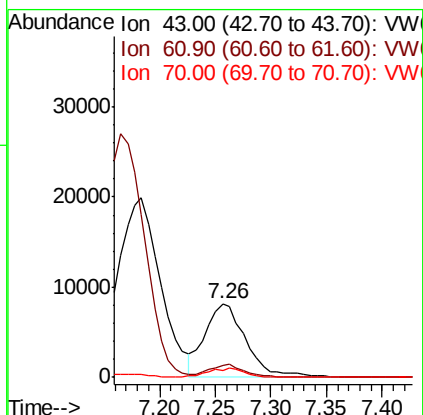
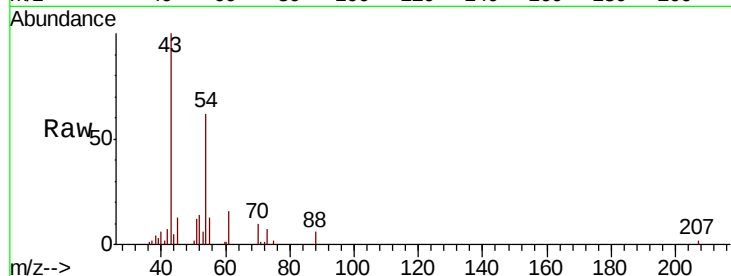




#37
Ethyl Acetate
Concen: 18.472 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

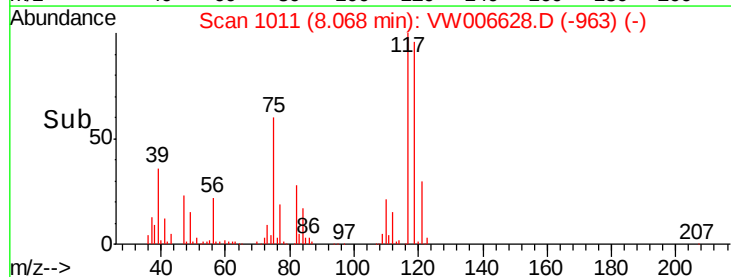
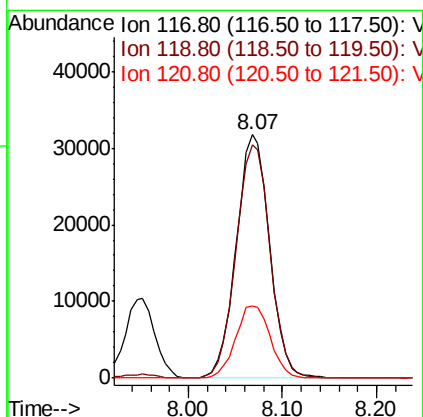
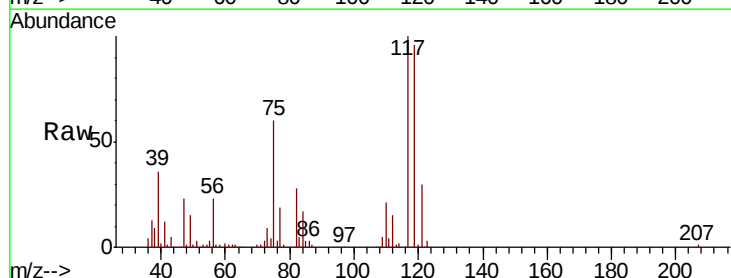
Instrument :
MSVOA_W
ClientSampleId :

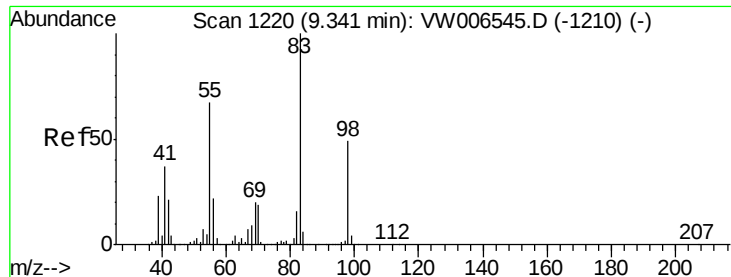
Tot Ion: 43 Resp: 20439
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 11.5 9.8 14.6



#38
Carbon Tetrachloride
Concen: 23.513 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 117 Resp: 78449
Ion Ratio Lower Upper
117 100
119 95.7 76.3 114.5
121 29.6 24.1 36.1

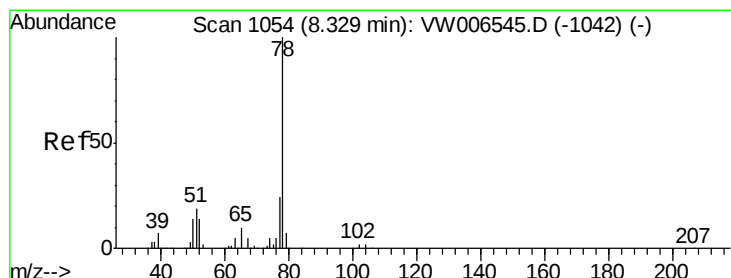
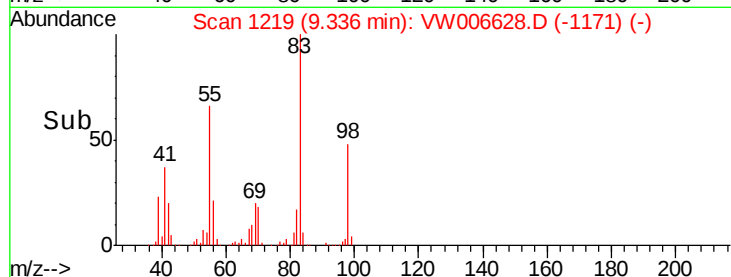
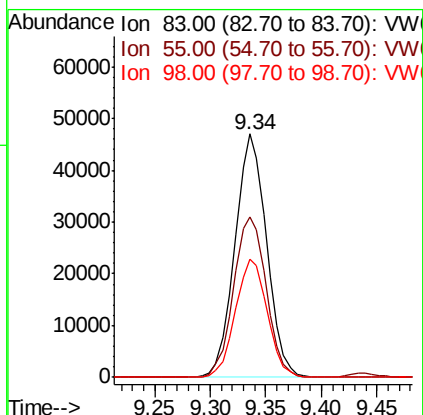
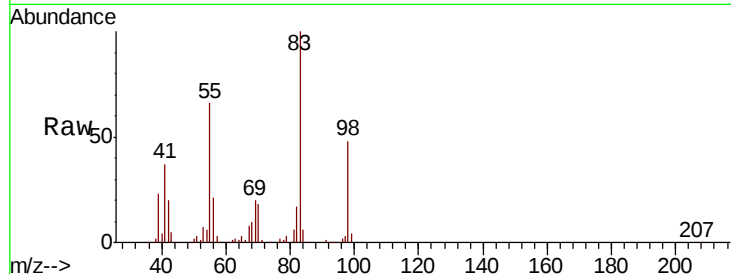




#39
Methvlcvclohexane
Concen: 22.908 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

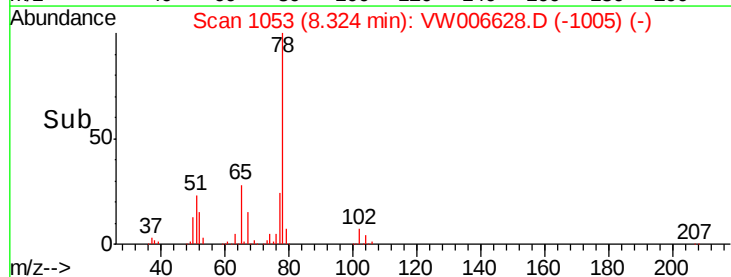
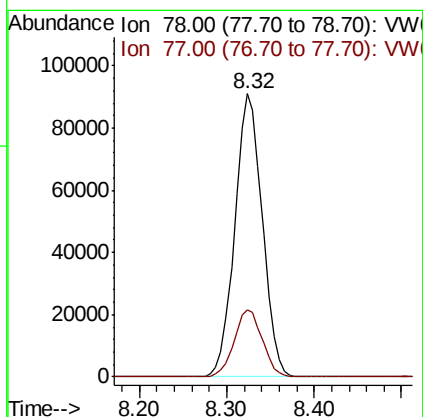
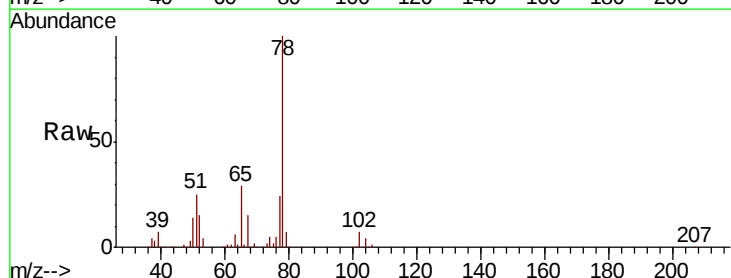
Instrument :
MSVOA_W
ClientSampled :

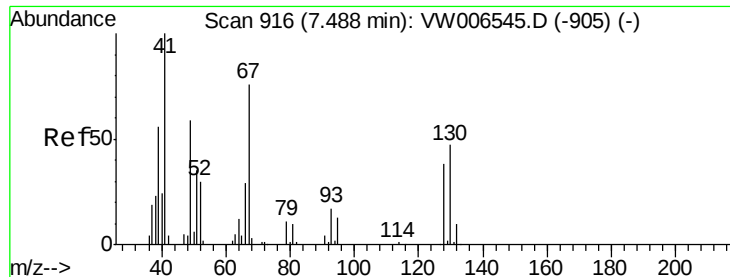
Tot Ion: 83 Resp: 92822
Ion Ratio Lower Upper
83 100
55 65.9 53.7 80.5
98 48.4 39.2 58.8



#40
Benzene
Concen: 21.902 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 78 Resp: 198640
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8

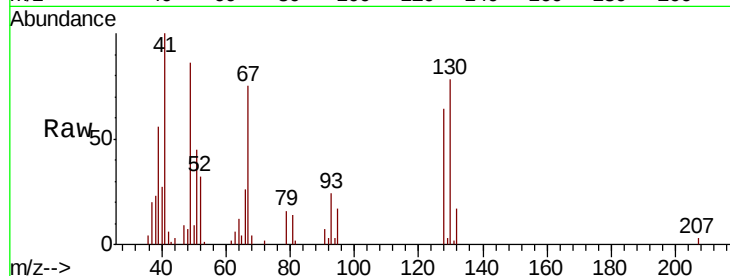




#41
Methacrylonitrile
Concen: 19.724 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	13383
Ion	Ratio	Lower	Upper
41	100		
39	50.4	44.5	66.7
67	75.4	63.8	95.8
52	30.6	26.3	39.5



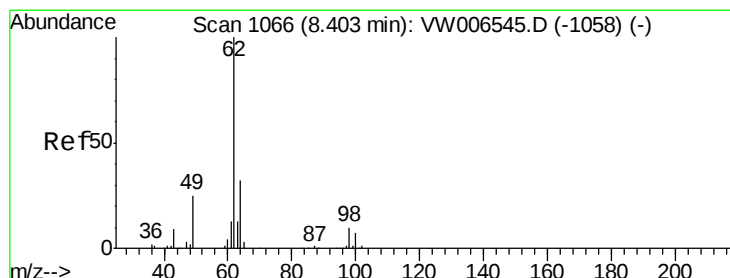
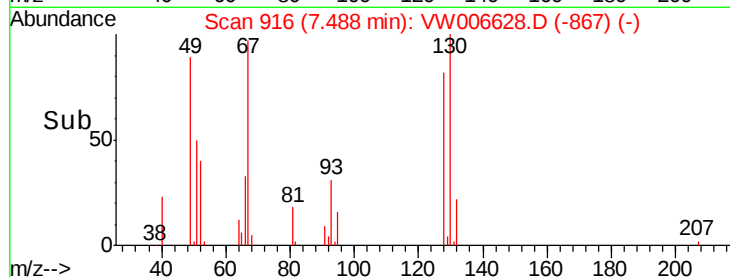
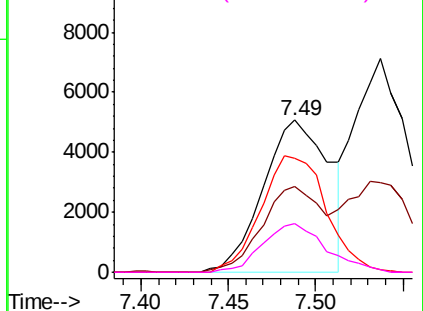
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

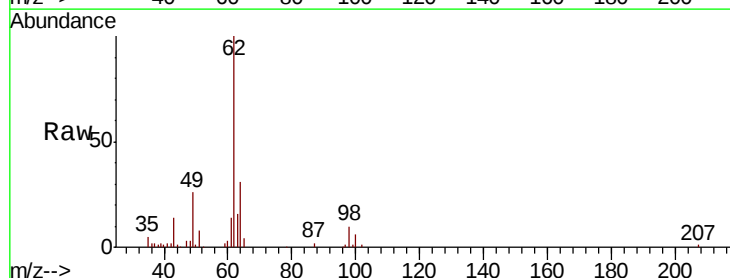
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.474 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

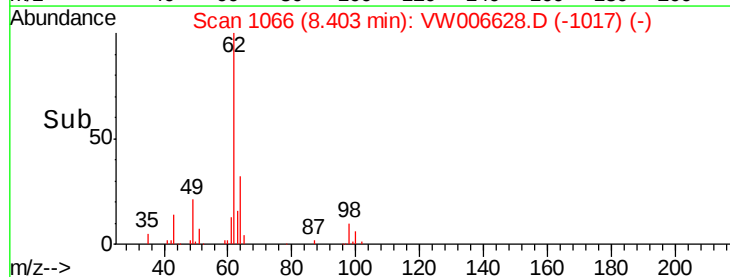
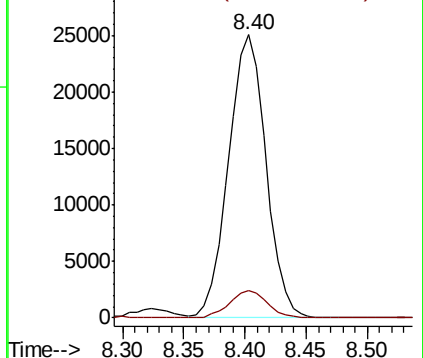
Tgt Ion:	62	Resp:	53251
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

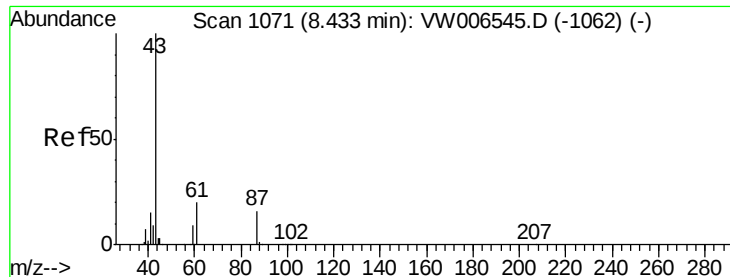


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

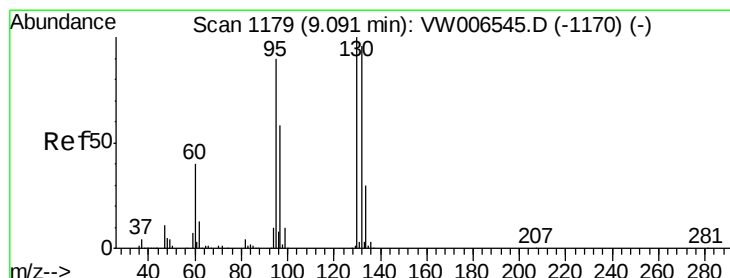
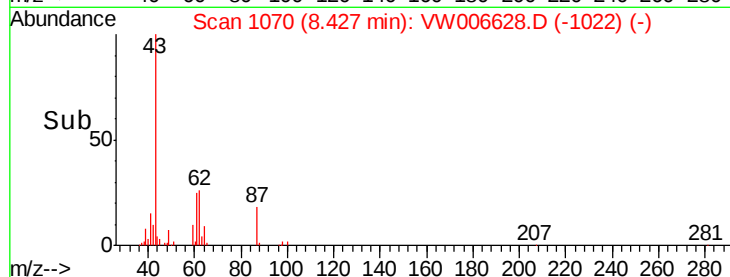
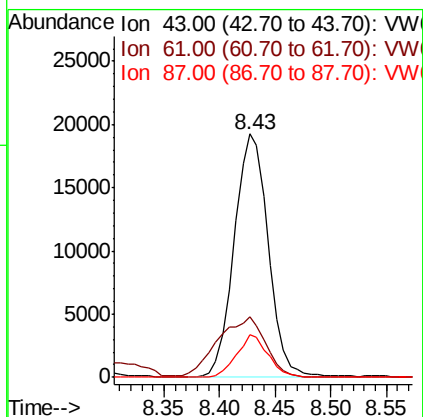
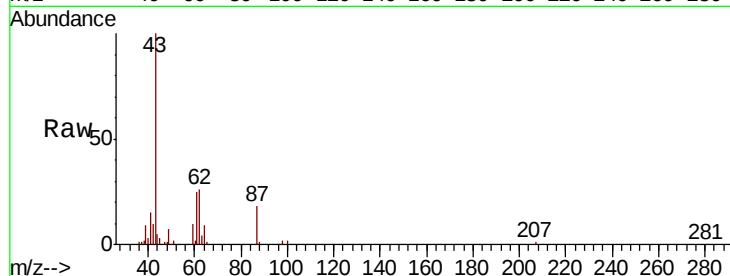




#43
Isopropyl Acetate
Concen: 18.471 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

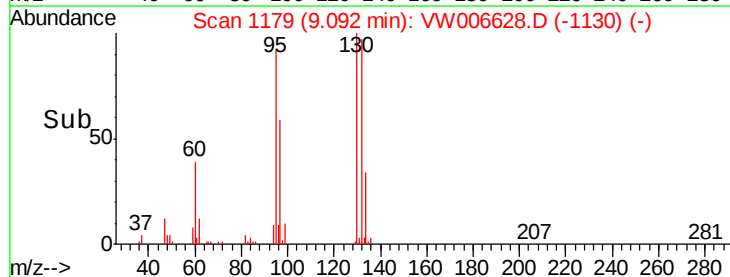
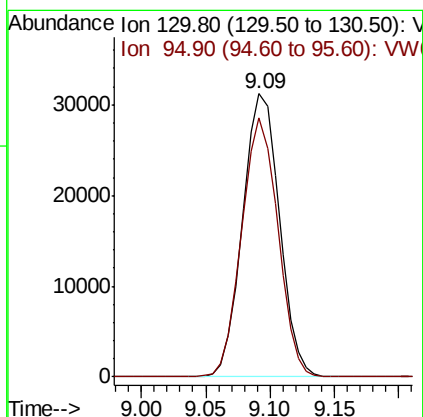
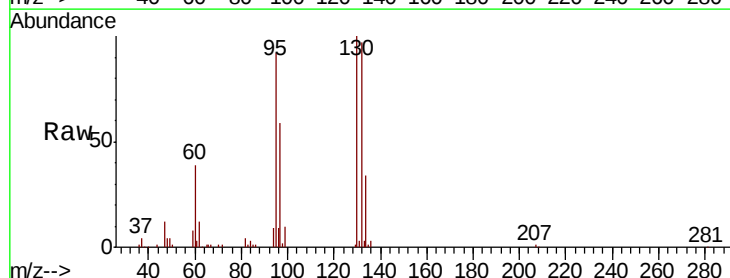
Instrument :
MSVOA_W
ClientSampled :

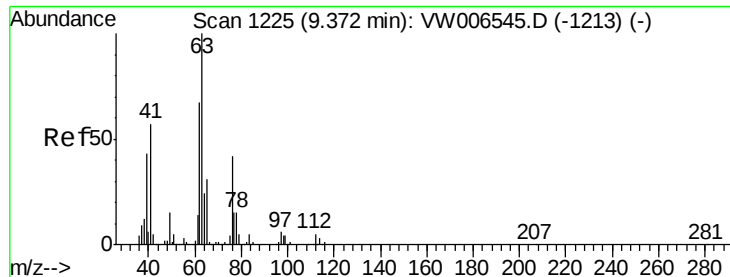
Tot Ion: 43 Resp: 40784
Ion Ratio Lower Upper
43 100
61 35.1 27.2 40.8
87 16.0 12.9 19.3



#44
Trichloroethene
Concen: 22.081 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion:130 Resp: 61798
Ion Ratio Lower Upper
130 100
95 91.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.528 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

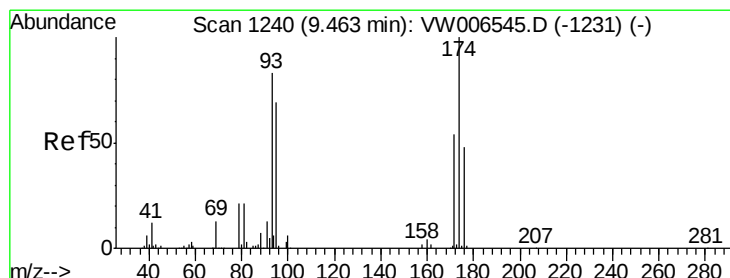
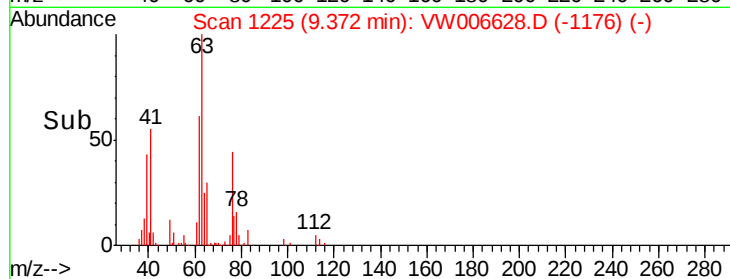
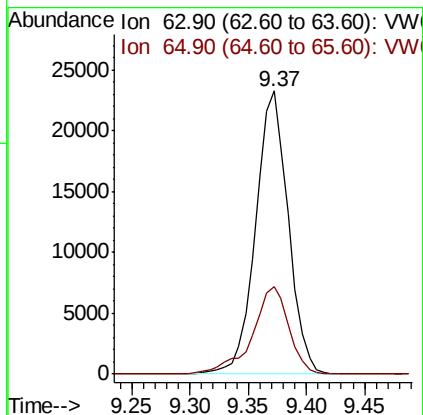
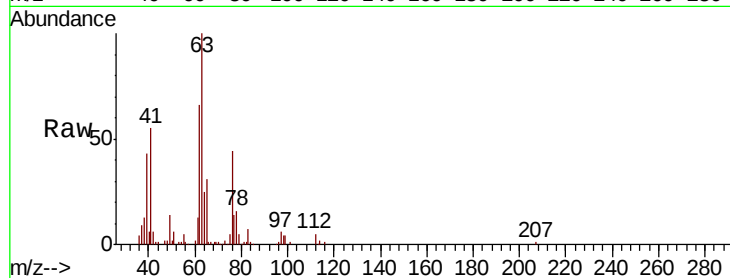
ClientSampled :

Tot Ion: 63 Resp: 45437

Ion Ratio Lower Upper

63 100

65 30.8 25.1 37.7



#46

Dibromomethane

Concen: 19.907 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

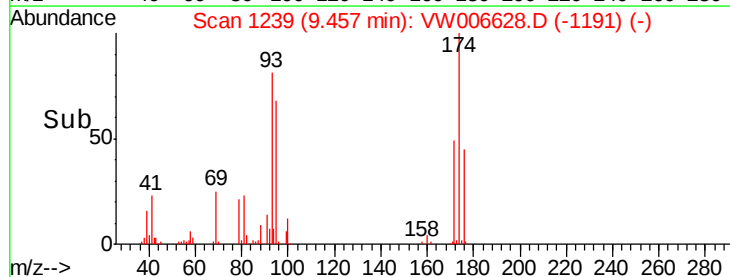
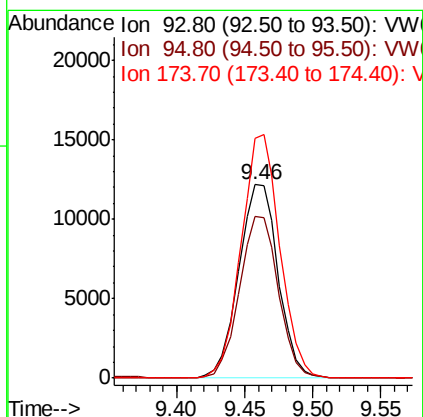
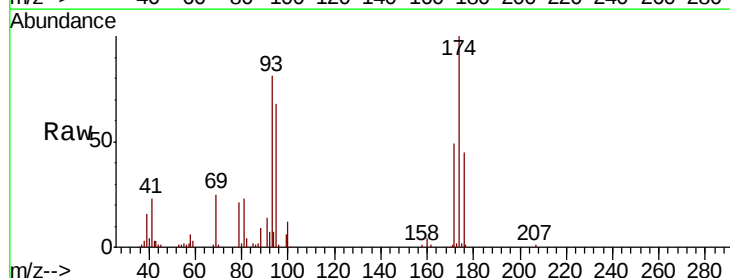
Tgt Ion: 93 Resp: 24698

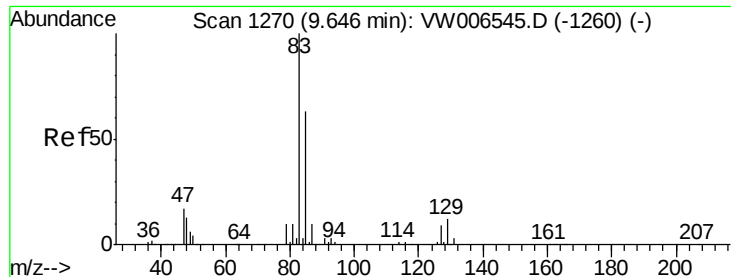
Ion Ratio Lower Upper

93 100

95 82.3 67.2 100.8

174 123.5 97.3 145.9





#47

Bromodichloromethane

Concen: 21.050 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

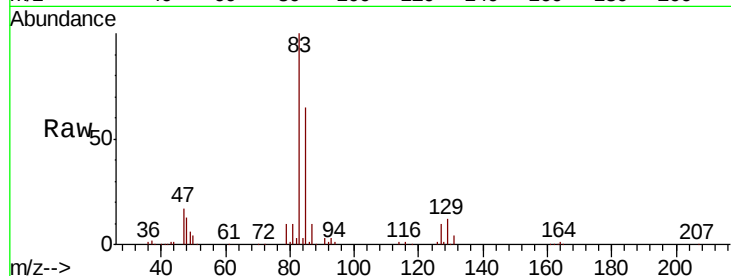
Tot Ion: 83 Resp: 60641

Ion Ratio Lower Upper

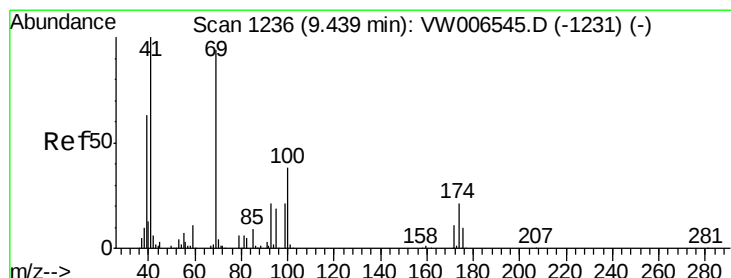
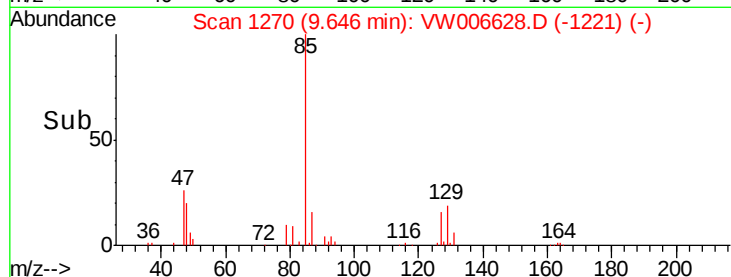
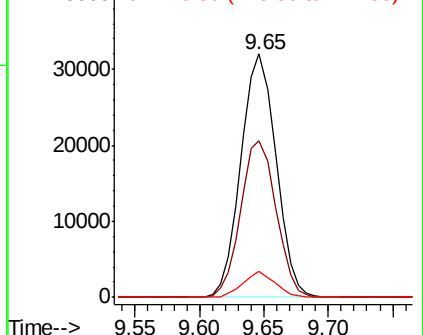
83 100

85 64.5 50.6 75.8

127 10.4 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): VW



#48

Methyl methacrylate

Concen: 18.177 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

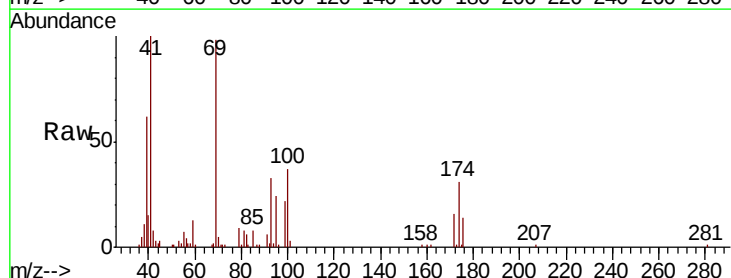
Tgt Ion: 41 Resp: 19337

Ion Ratio Lower Upper

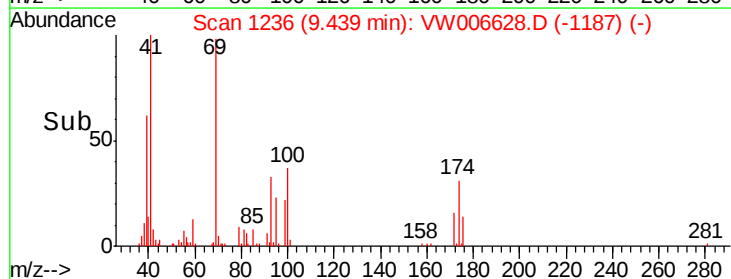
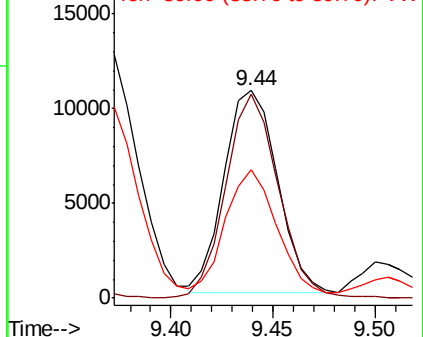
41 100

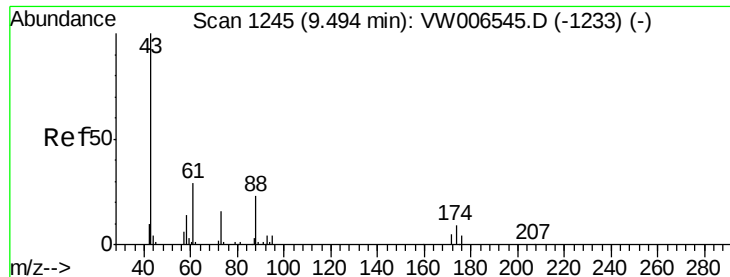
69 100.3 77.8 116.8

39 63.8 48.7 73.1



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

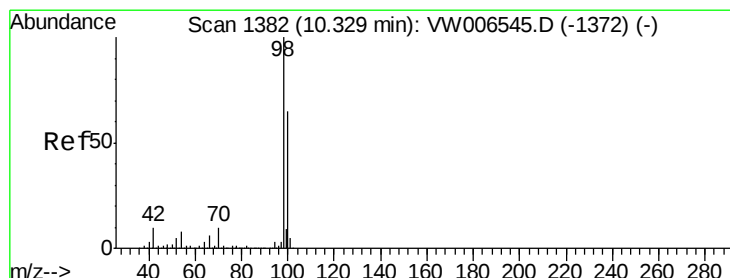
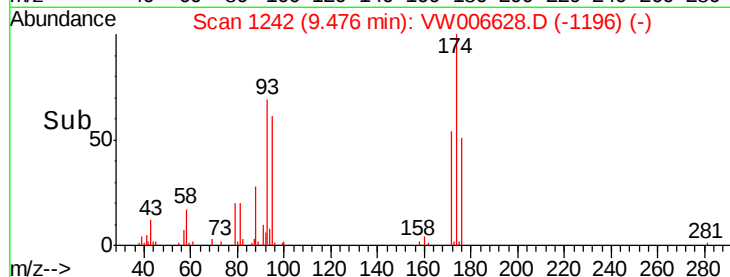
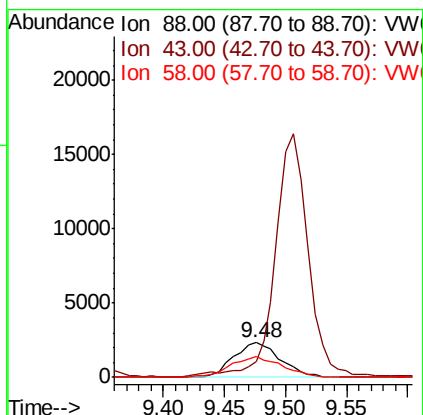
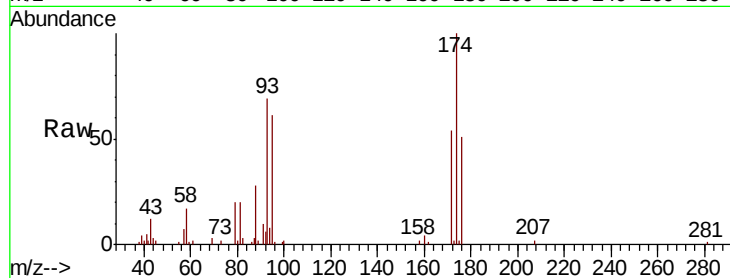




#49
1,4-Dioxane
Concen: 341.791 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.02 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

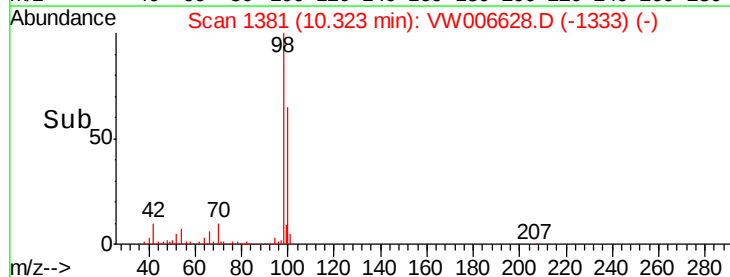
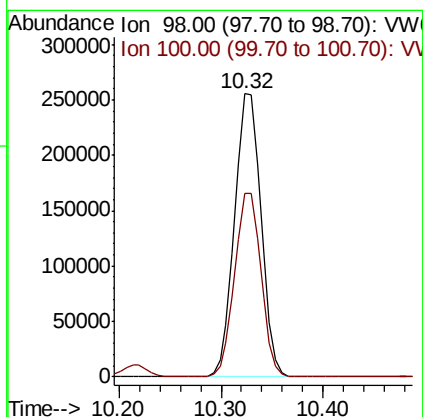
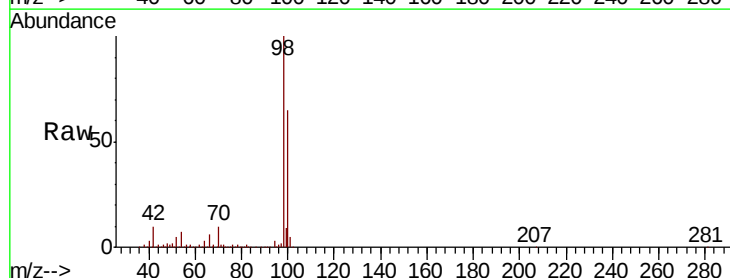
Instrument :
MSVOA_W
ClientSampleId :

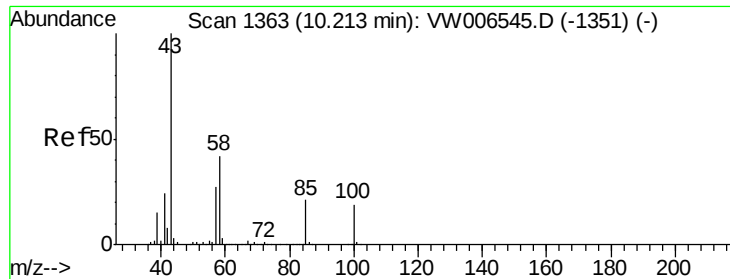
Tot Ion: 88 Resp: 6206
Ion Ratio Lower Upper
88 100
43 0.0 356.6 534.8#
58 64.8 51.4 77.2



#50
Toluene-d8
Concen: 52.861 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 98 Resp: 458541
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 92.113 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

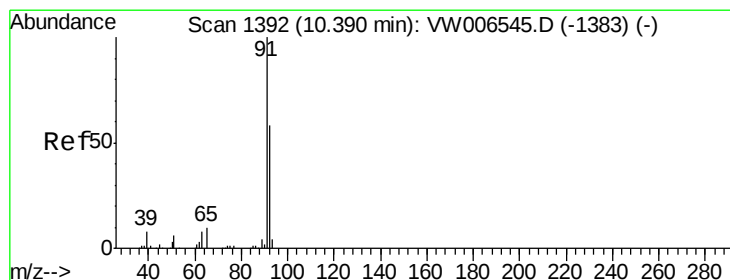
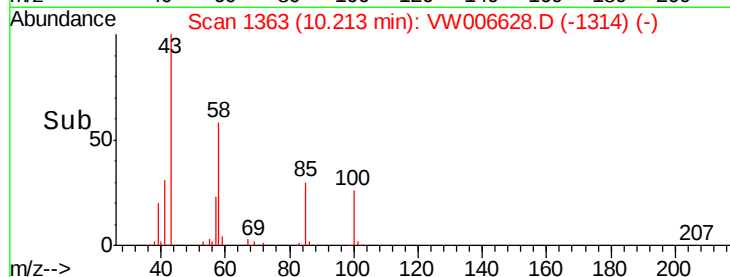
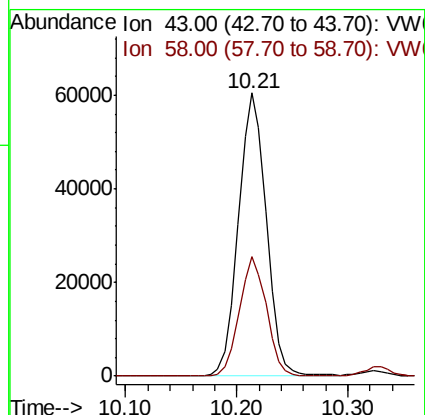
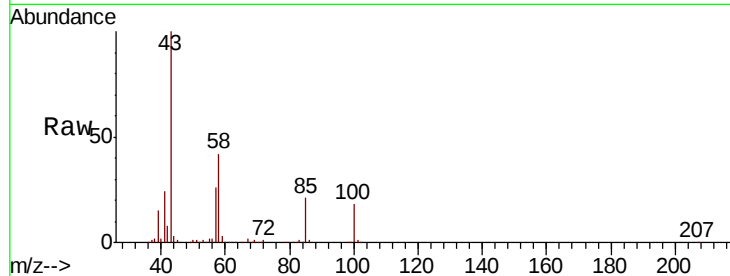
ClientSampleId :

Tot Ion: 43 Resp: 104457

Ion Ratio Lower Upper

43 100

58 41.1 33.4 50.0



#52

Toluene

Concen: 21.862 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006628.D

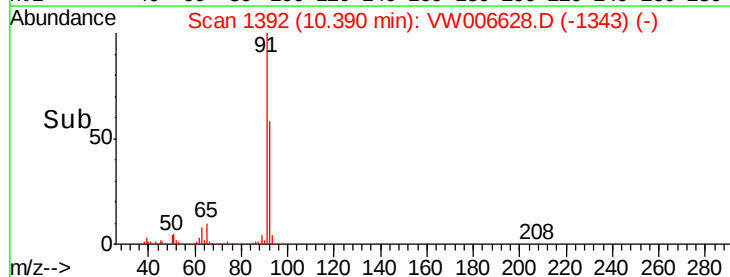
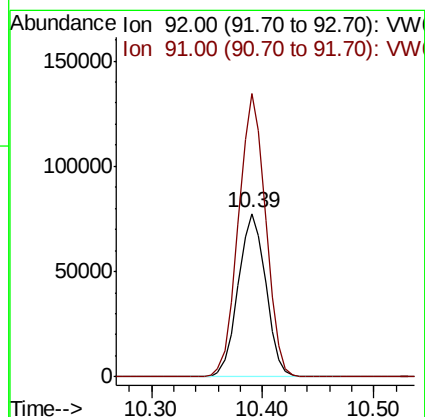
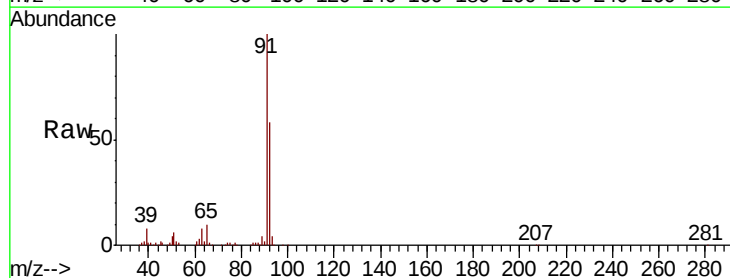
Acq: 05 Nov 2018 11:49

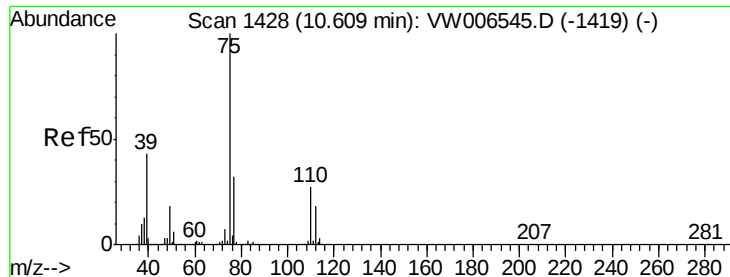
Tgt Ion: 92 Resp: 132985

Ion Ratio Lower Upper

92 100

91 171.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.298 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

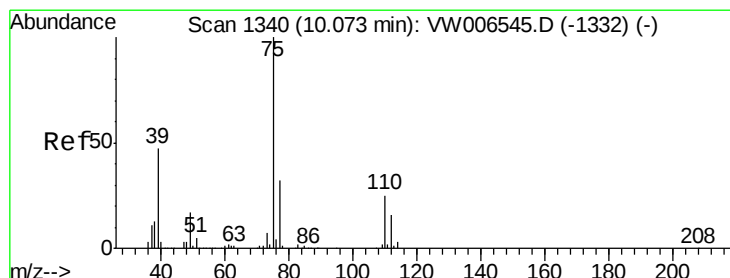
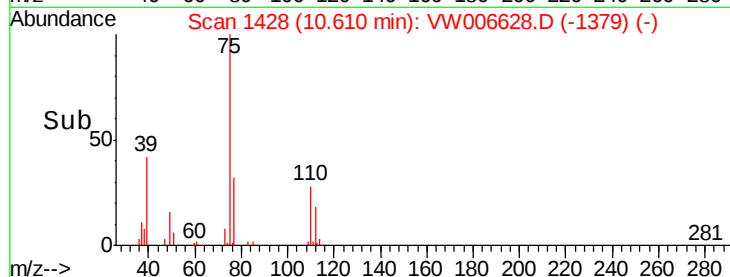
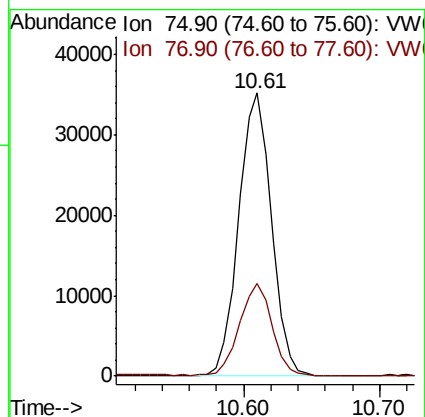
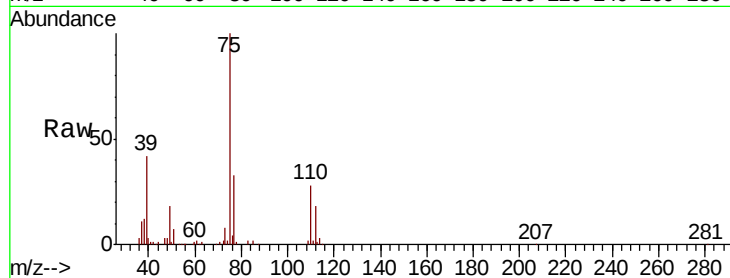
ClientSampleId :

Tot Ion: 75 Resp: 59049

Ion Ratio Lower Upper

75 100

77 32.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 21.256 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

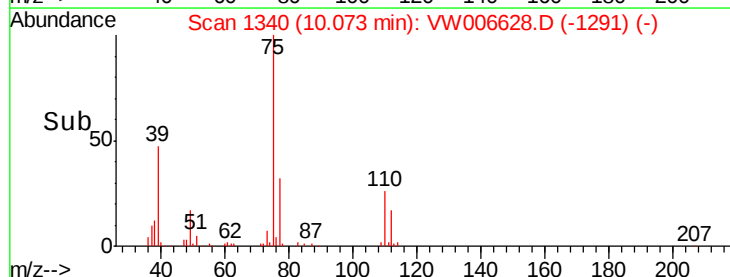
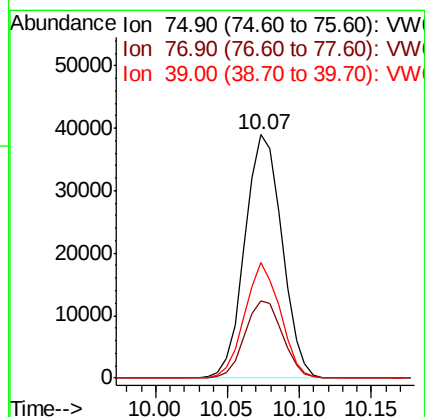
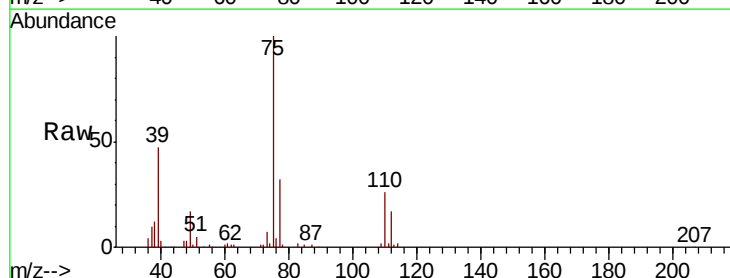
Tgt Ion: 75 Resp: 69642

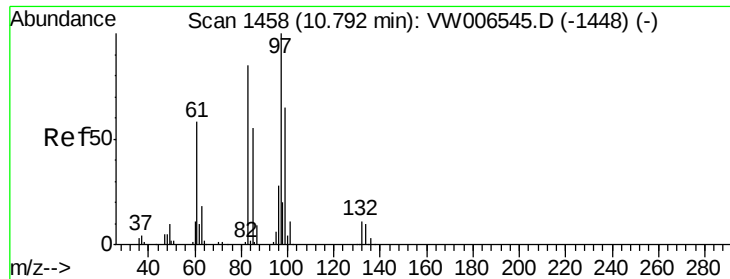
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 47.3 37.3 55.9

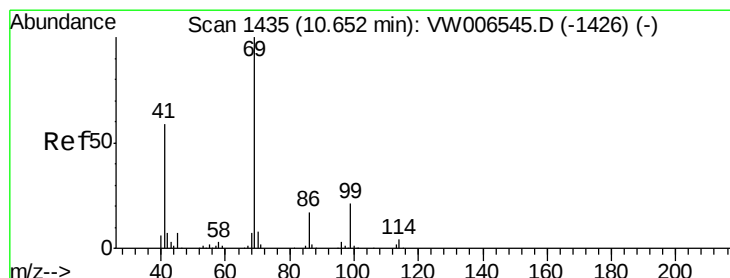
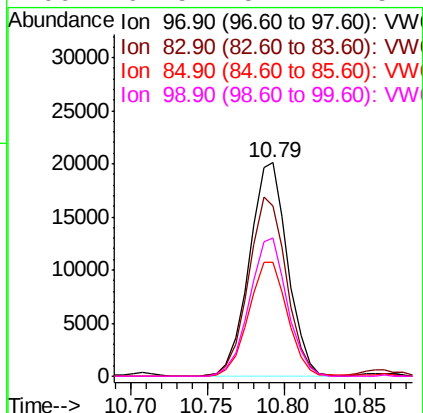
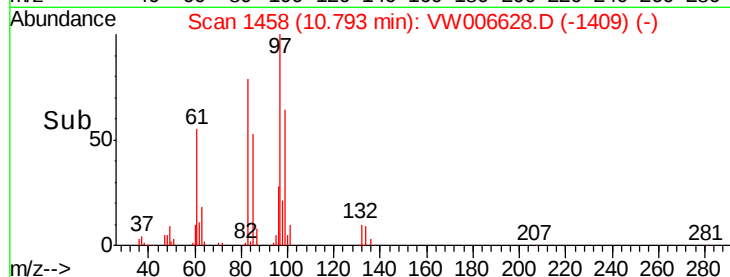
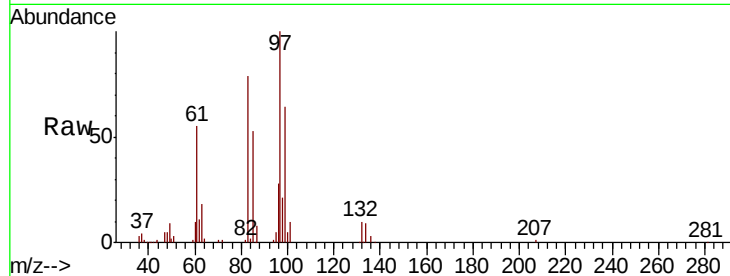




#55
 1,1,2-Trichloroethane
 Concen: 19.922 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

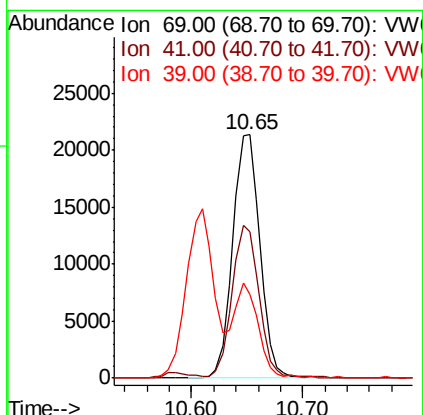
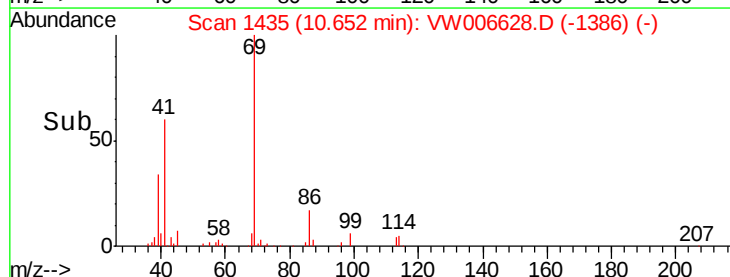
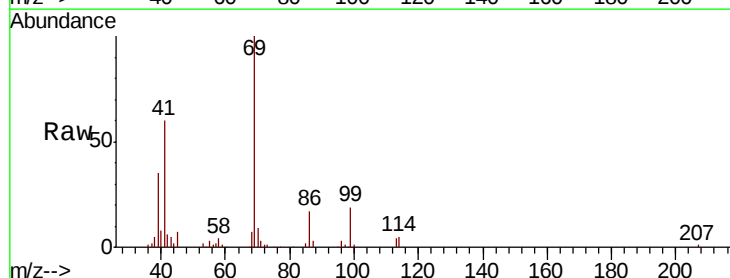
Instrument :
 MSVOA_W
 ClientSampleId :

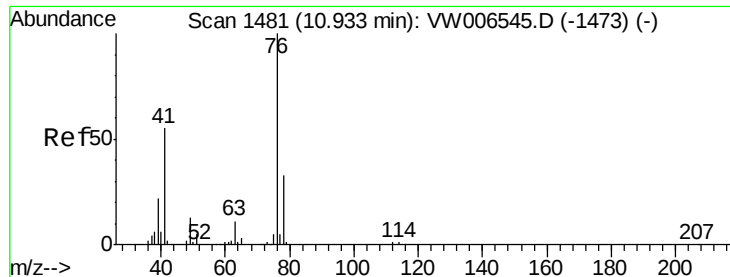
Tot Ion:	97	Resp:	35070
Ion	Ratio	Lower	Upper
97	100		
83	79.5	67.9	101.9
85	53.4	44.0	66.0
99	64.5	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 18.062 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion:	69	Resp:	36139
Ion	Ratio	Lower	Upper
69	100		
41	62.9	47.4	71.2
39	32.0	25.3	37.9





#57

1,3-Dichloropropane

Concen: 20.081 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

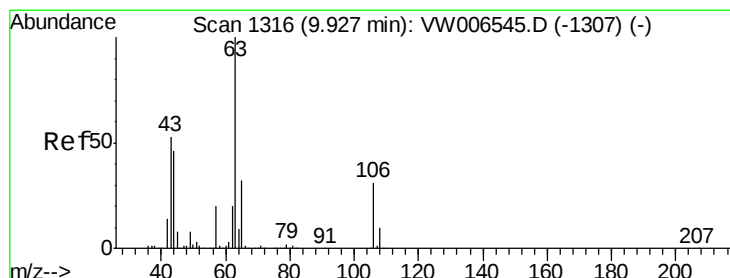
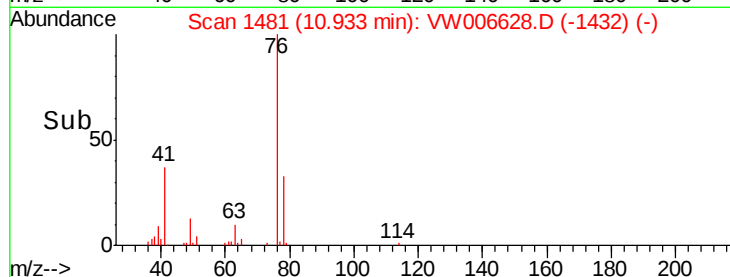
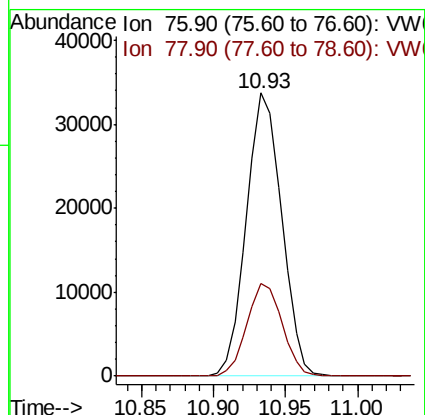
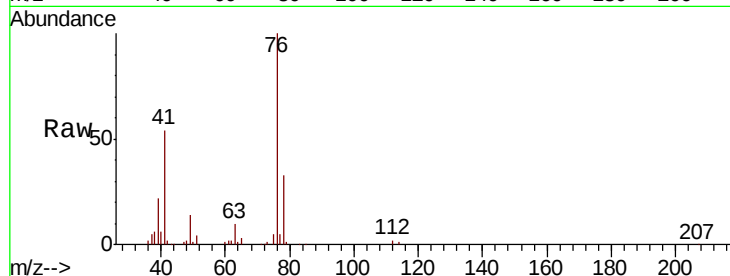
ClientSampleId :

Tot Ion: 76 Resp: 57402

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.443 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006628.D

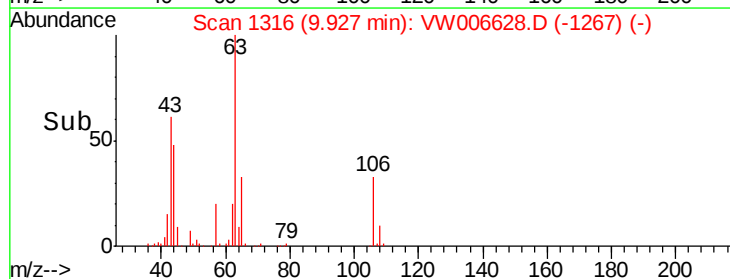
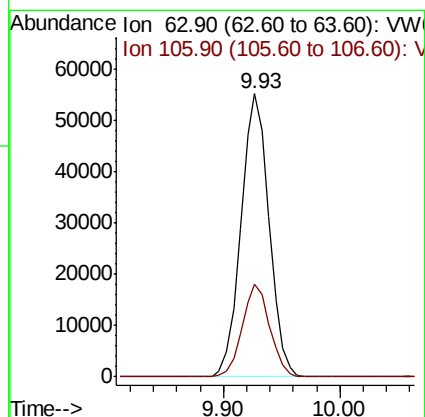
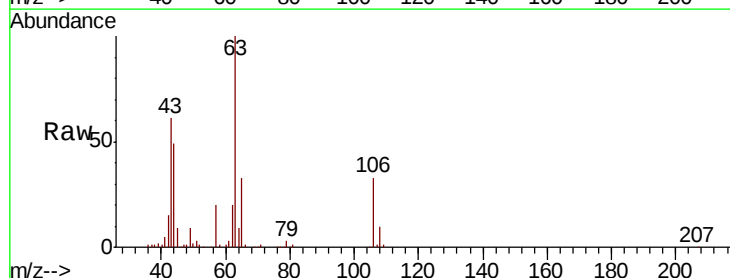
Acq: 05 Nov 2018 11:49

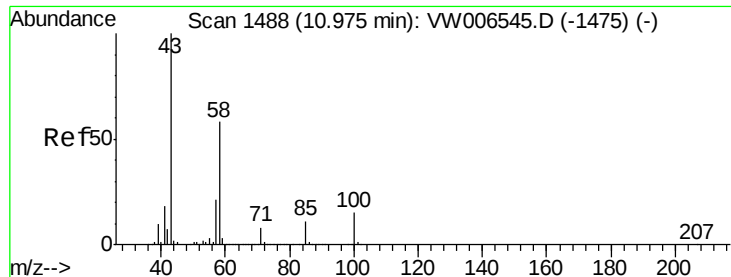
Tgt Ion: 63 Resp: 92829

Ion Ratio Lower Upper

63 100

106 32.2 25.4 38.2

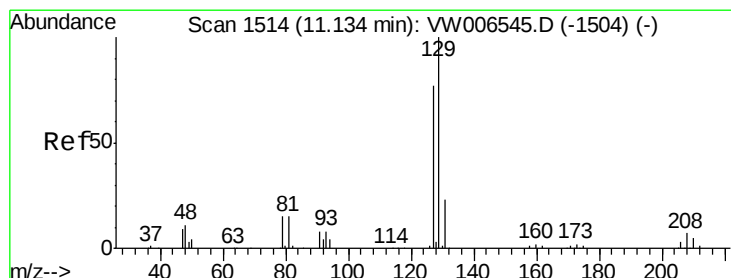
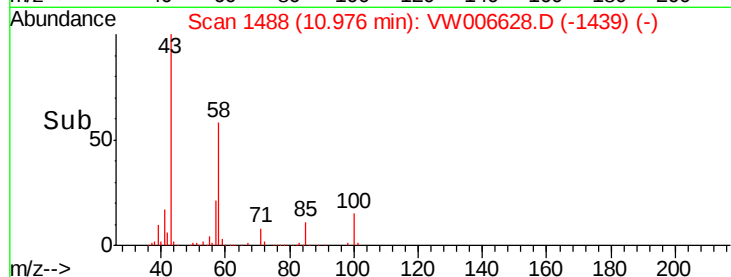
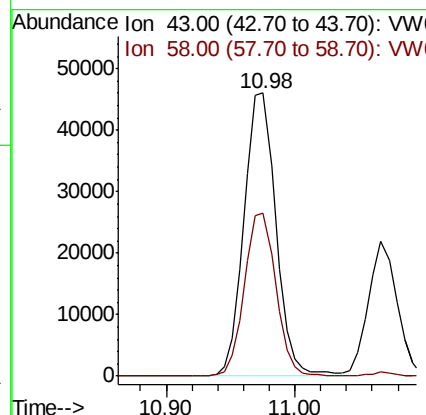
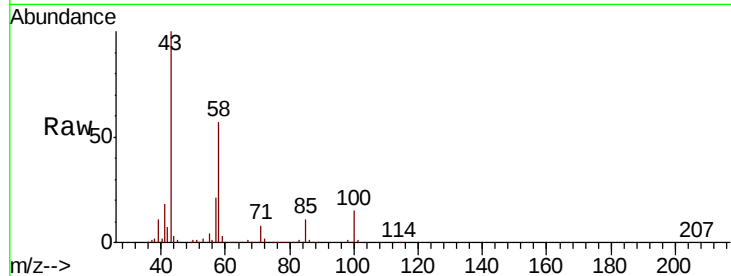




#59
2-Hexanone
Concen: 102.696 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

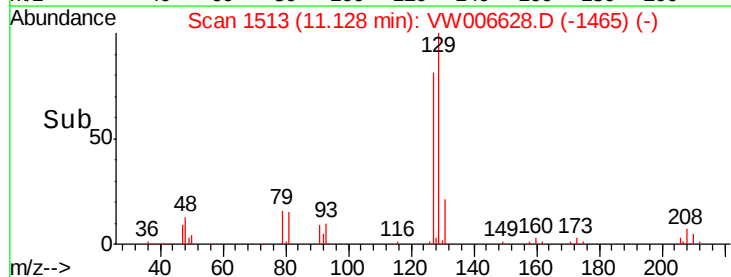
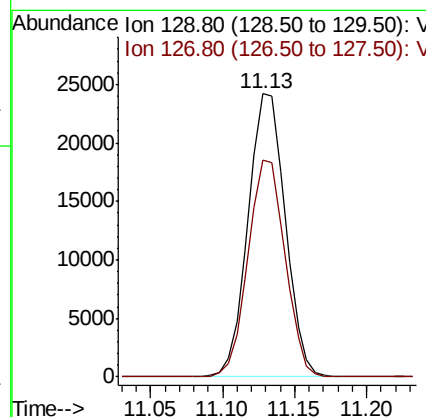
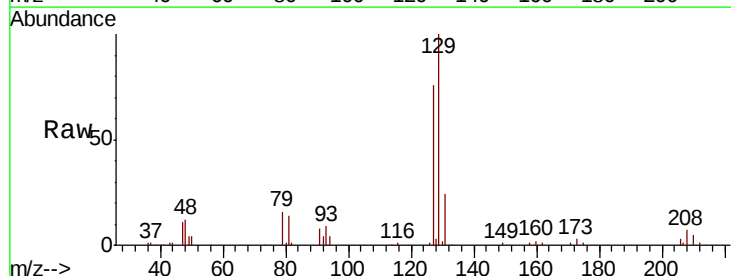
Instrument :
MSVOA_W
ClientSampled :

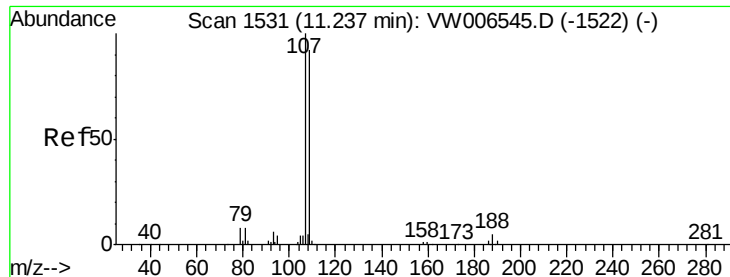
Tot Ion: 43 Resp: 79097
Ion Ratio Lower Upper
43 100
58 56.6 28.8 86.4



#60
Dibromochloromethane
Concen: 20.741 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 129 Resp: 43259
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.071 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

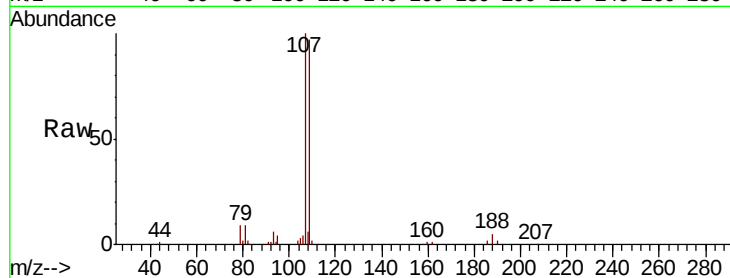
ClientSampleId :

Tot Ion:107 Resp: 35086

Ion Ratio Lower Upper

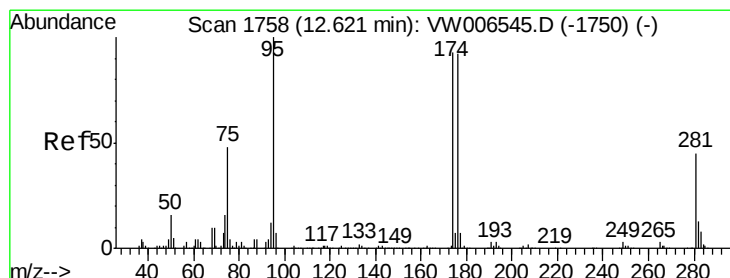
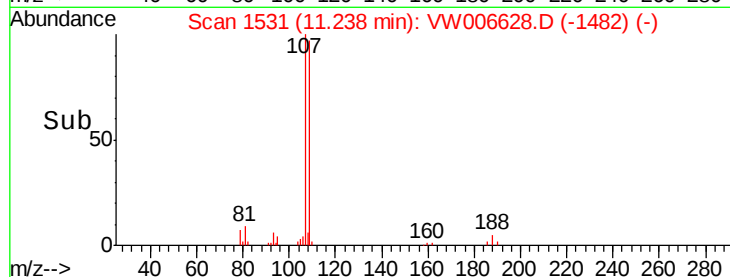
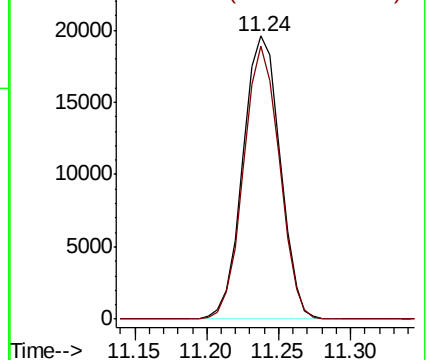
107 100

109 93.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.822 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

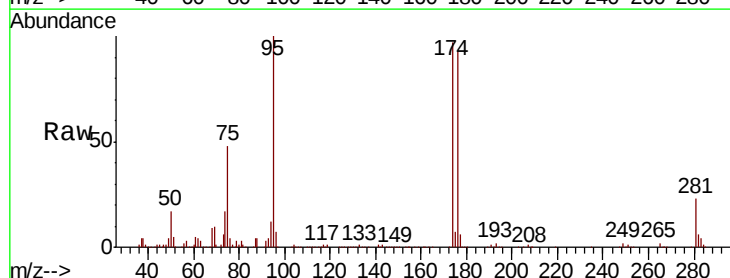
Tgt Ion: 95 Resp: 159825

Ion Ratio Lower Upper

95 100

174 99.0 0.0 192.4

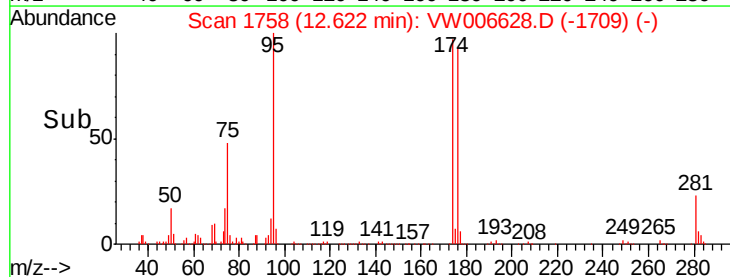
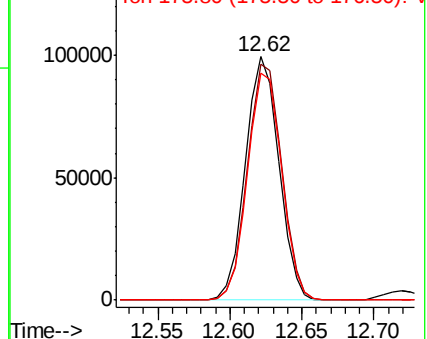
176 95.2 0.0 187.4

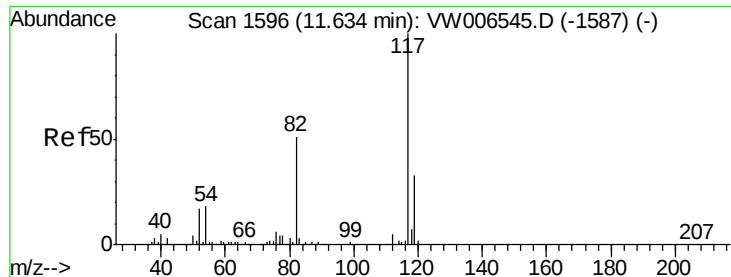


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

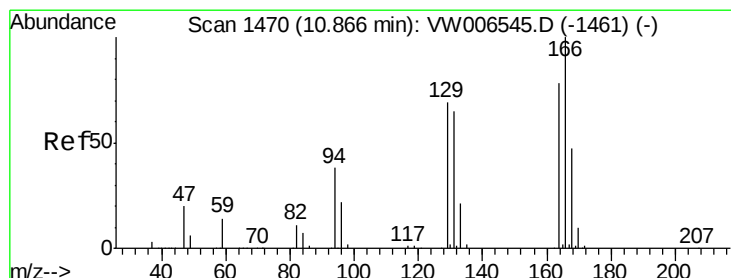
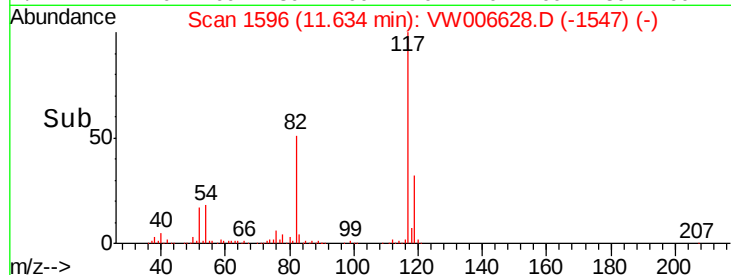
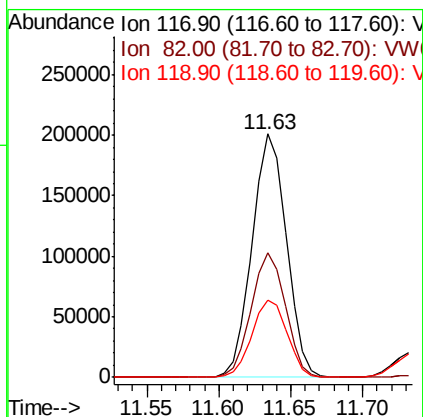
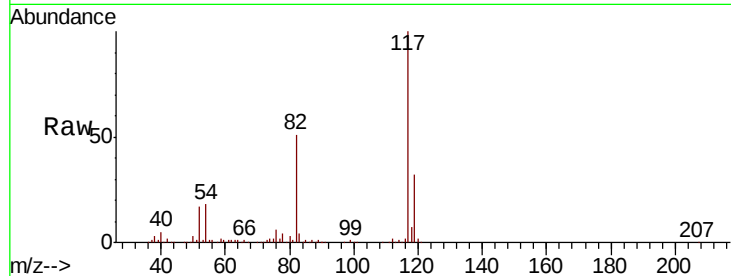




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

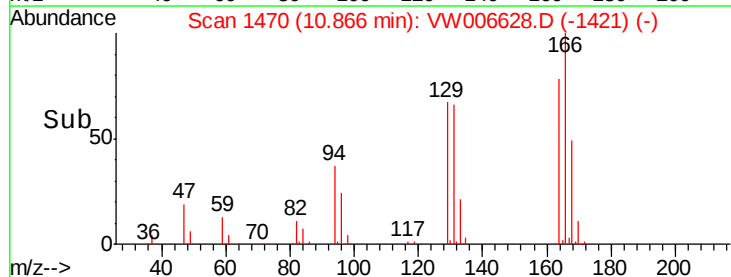
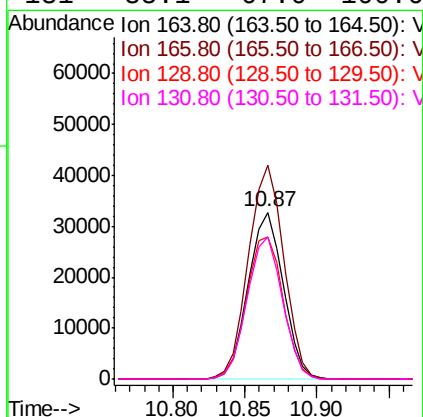
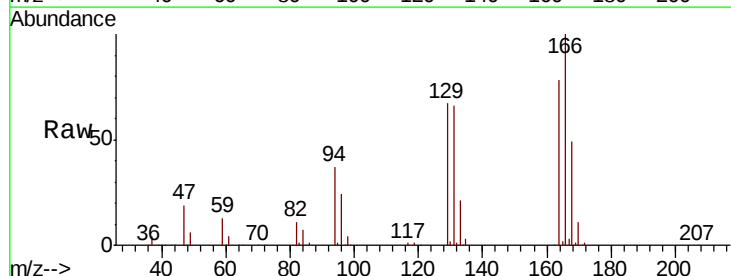
Instrument :
MSVOA_W
ClientSampled :

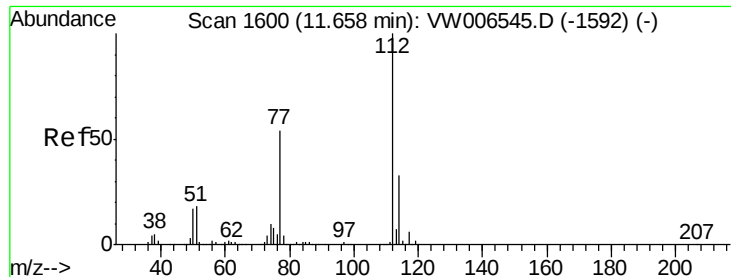
Tot Ion:117 Resp: 331072
Ion Ratio Lower Upper
117 100
82 51.1 40.8 61.2
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 20.966 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion:164 Resp: 55332
Ion Ratio Lower Upper
164 100
166 128.3 102.8 154.2
129 85.6 70.9 106.3
131 85.1 67.0 100.6

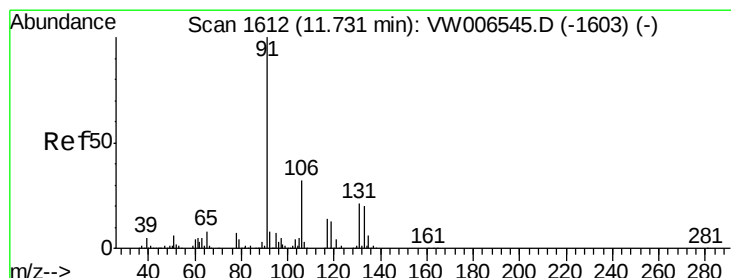
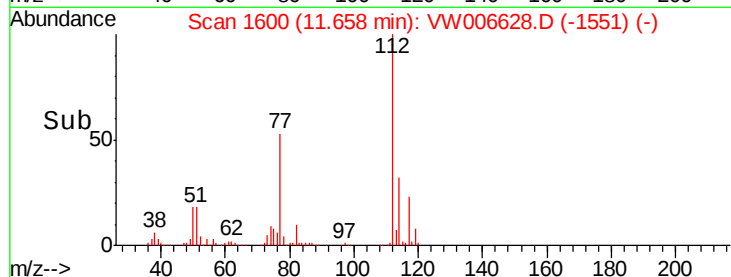
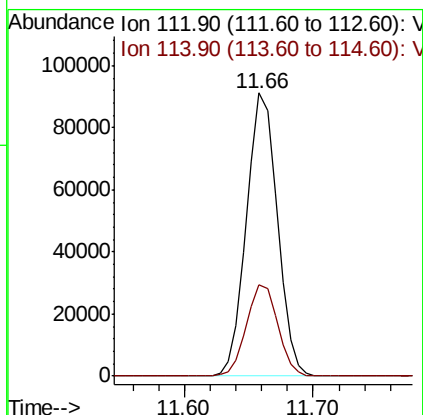
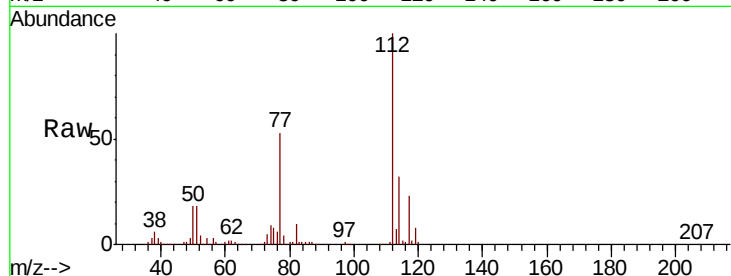




#65
Chlorobenzene
Concen: 21.727 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

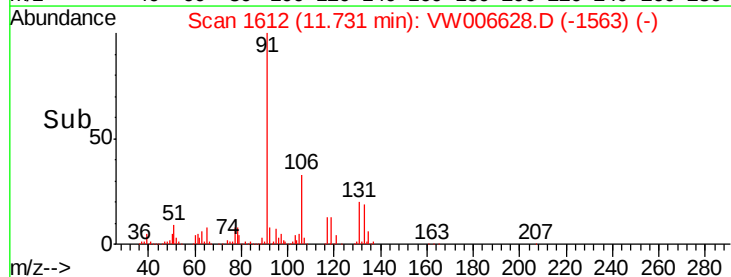
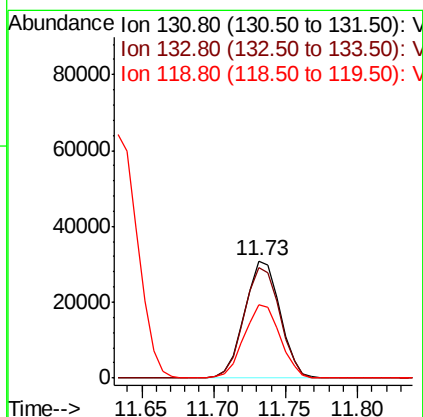
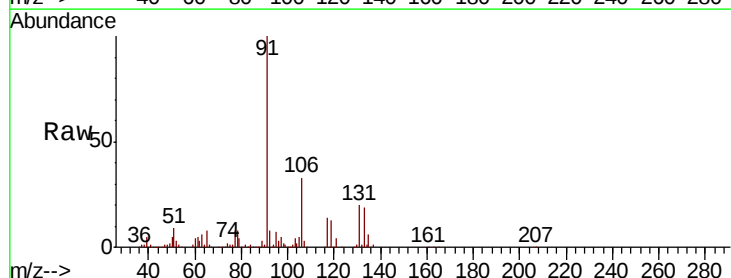
Instrument :
MSVOA_W
ClientSampled :

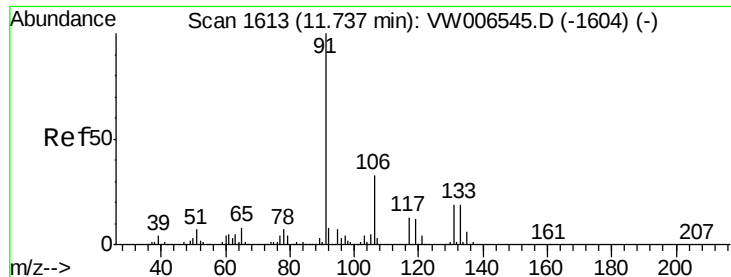
Tot Ion:112 Resp: 151364
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.499 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion:131 Resp: 52643
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 64.1 31.9 95.5

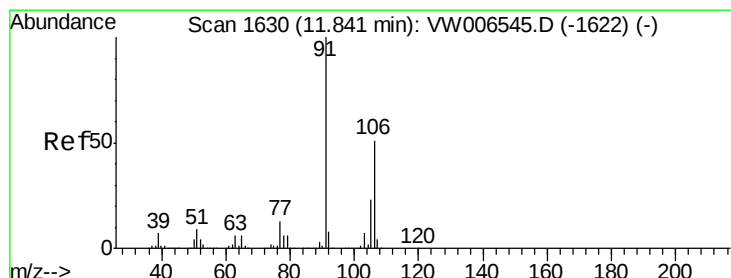
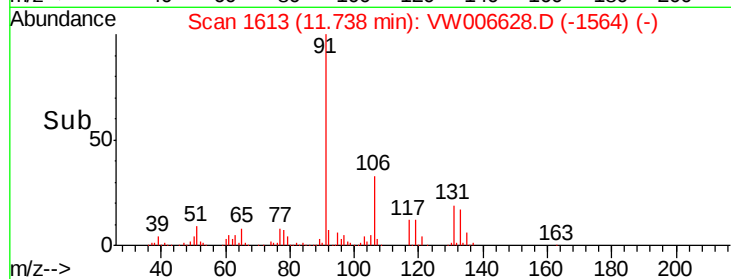
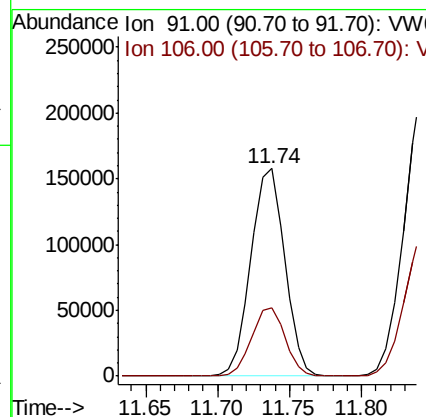
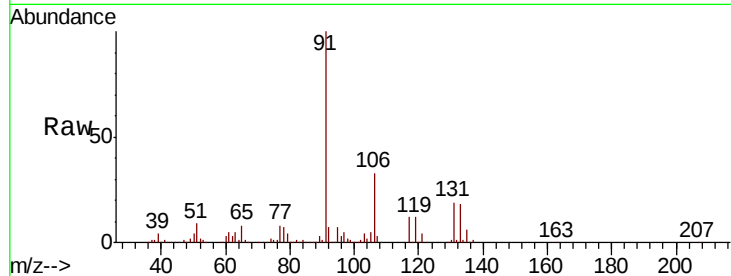




#67
Ethyl Benzene
Concen: 22.005 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

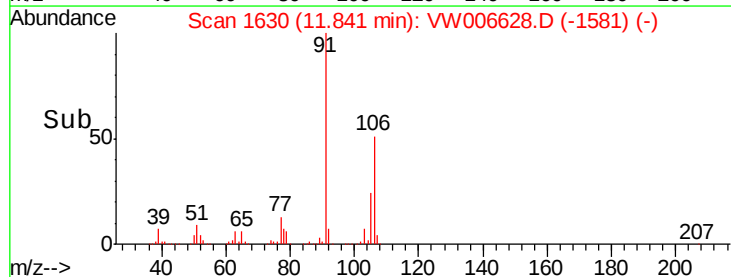
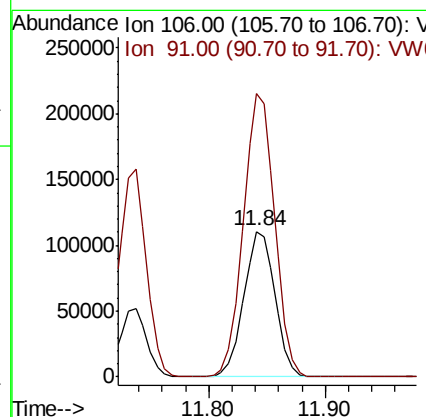
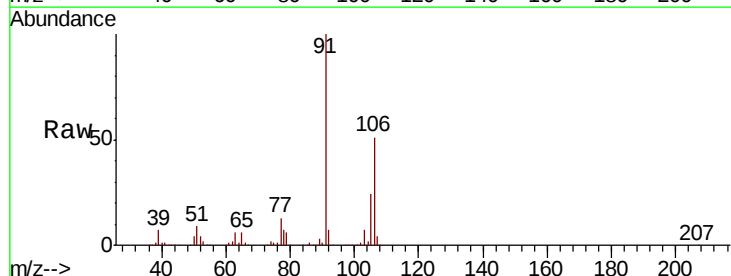
Instrument :
MSVOA_W
ClientSampled :

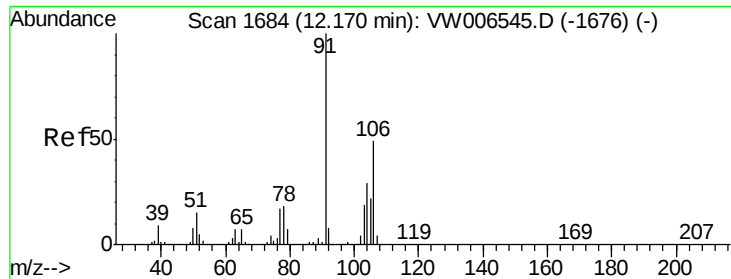
Tot Ion: 91 Resp: 256242
Ion Ratio Lower Upper
91 100
106 32.7 26.3 39.5



#68
m/p-Xylenes
Concen: 44.300 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 106 Resp: 206095
Ion Ratio Lower Upper
106 100
91 195.3 156.7 235.1

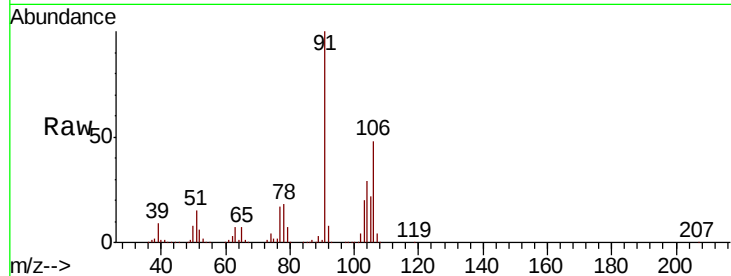




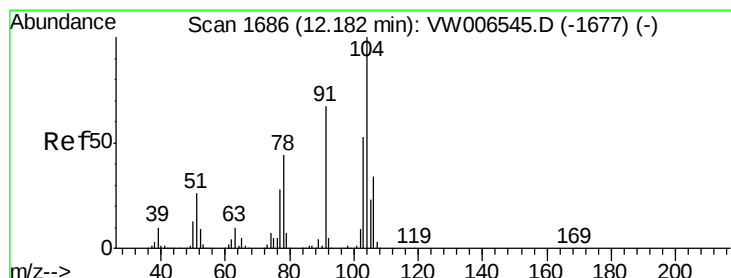
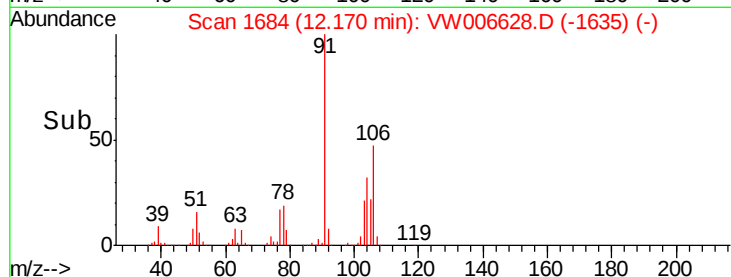
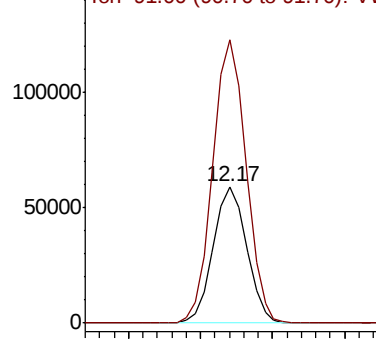
#69
o-Xylene
Concen: 21.510 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 95270
Ion Ratio Lower Upper
106 100
91 207.0 102.8 308.4

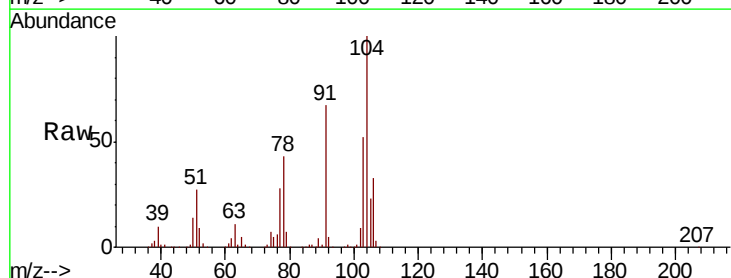


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

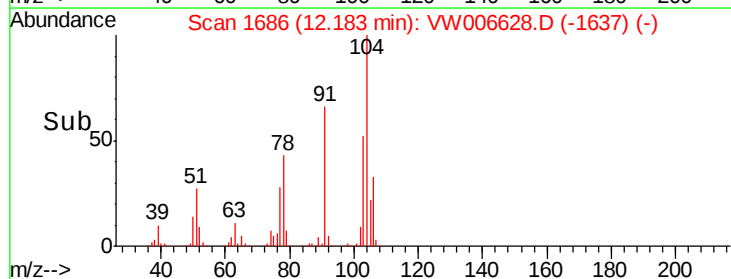
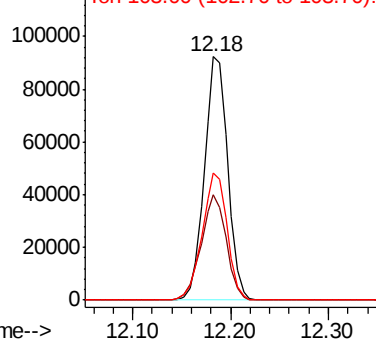


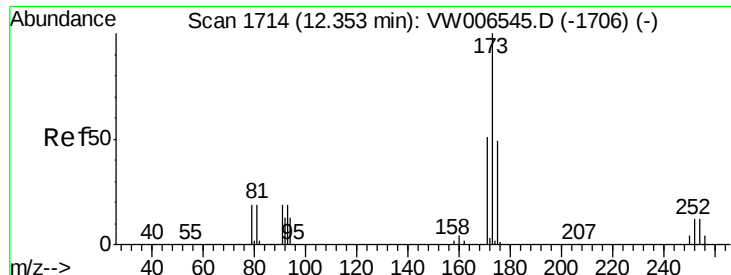
#70
Styrene
Concen: 21.153 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion:104 Resp: 152746
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.7 44.2 66.2



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





#71

Bromoform

Concen: 20.890 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

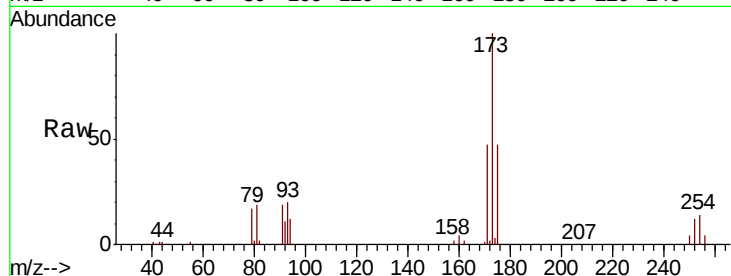
Tot Ion:173 Resp: 27115

Ion Ratio Lower Upper

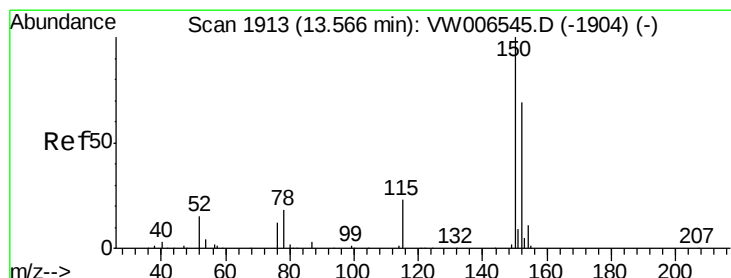
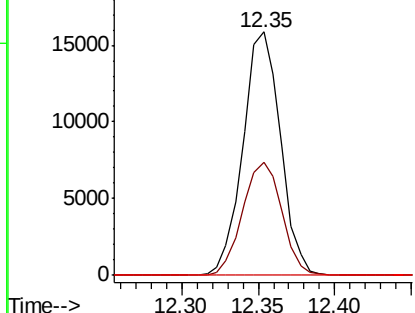
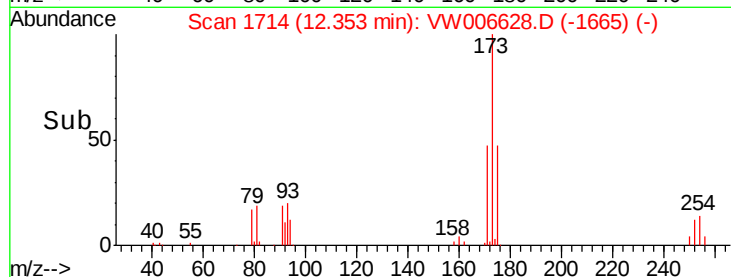
173 100

175 48.4 24.1 72.4

254 0.0 0.1 0.1#



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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

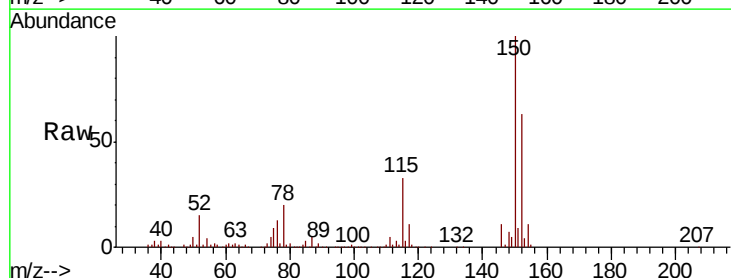
Tgt Ion:152 Resp: 188533

Ion Ratio Lower Upper

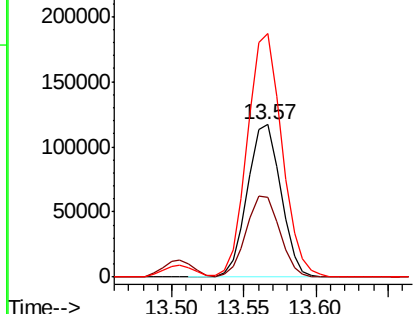
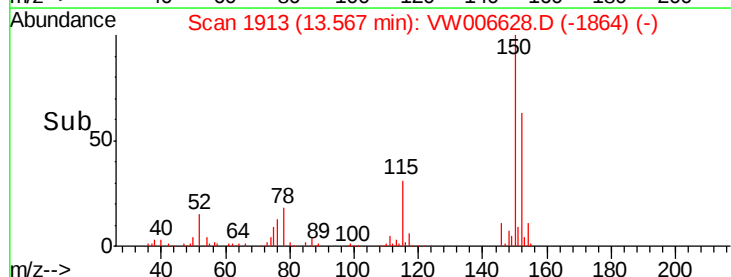
152 100

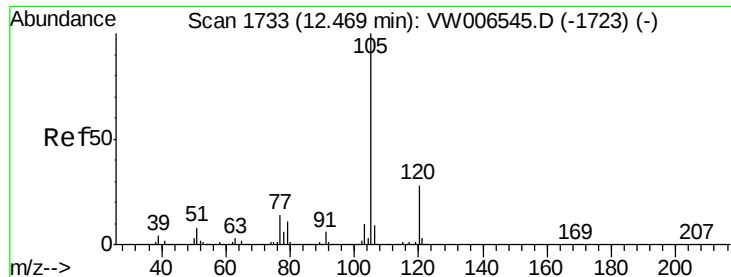
115 53.5 26.6 79.8

150 165.0 0.0 344.6



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: 21.639 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

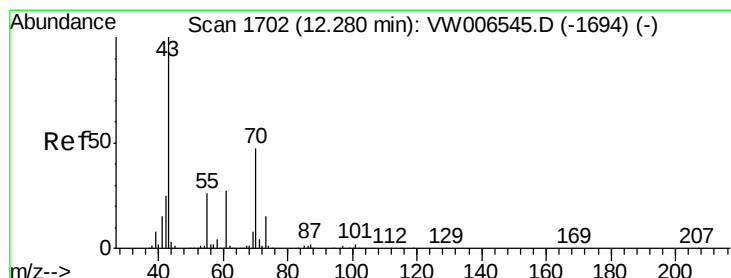
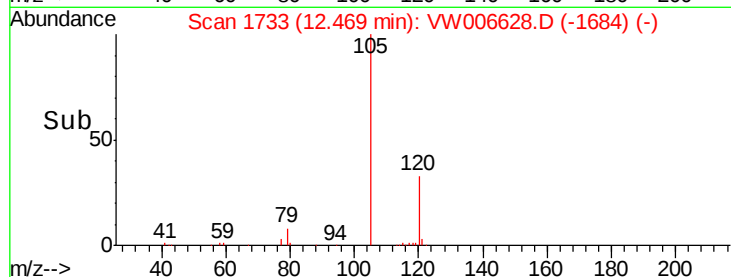
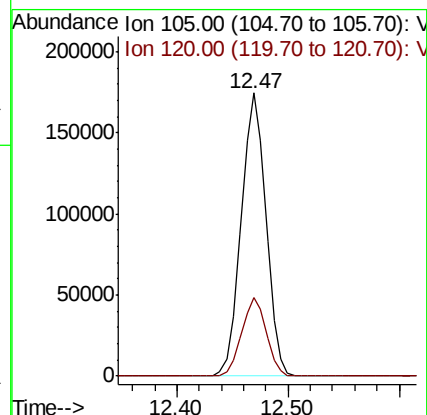
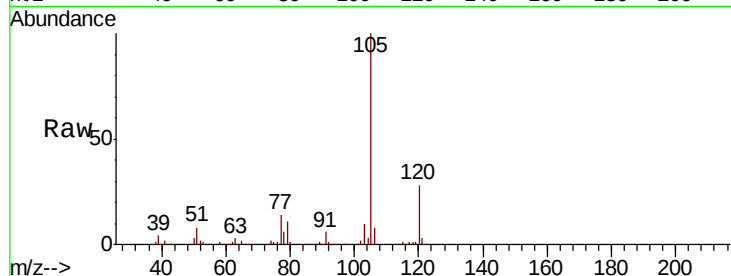
ClientSampleId :

Tot Ion:105 Resp: 268752

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



#74

N-ethyl acetate

Concen: 17.896 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Tgt Ion: 43 Resp: 38408

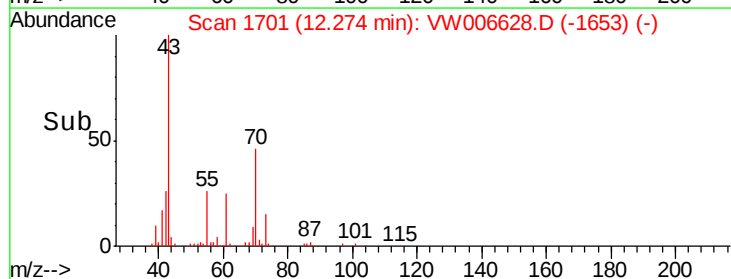
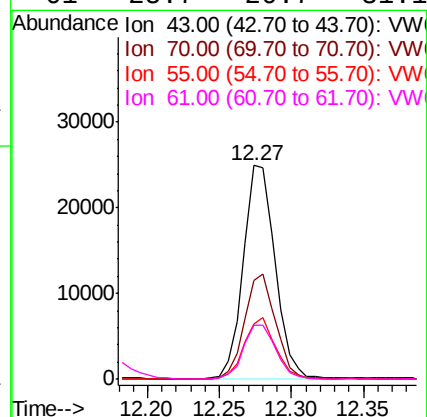
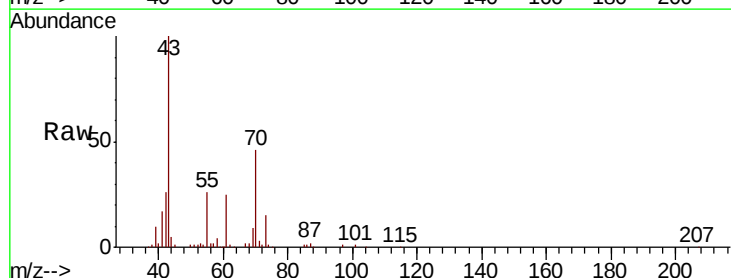
Ion Ratio Lower Upper

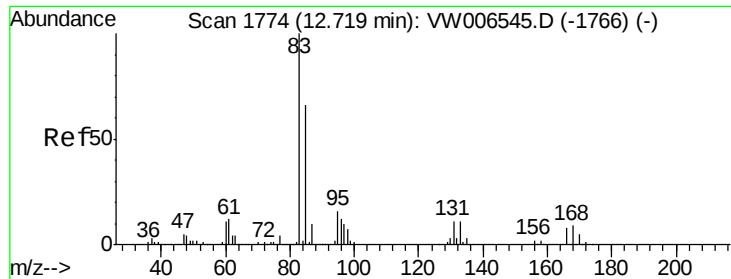
43 100

70 47.7 36.9 55.3

55 28.0 20.7 31.1

61 25.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.673 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampled :

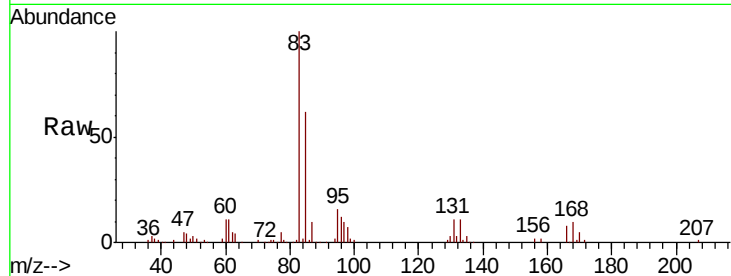
Tot Ion: 83 Resp: 38591

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.7

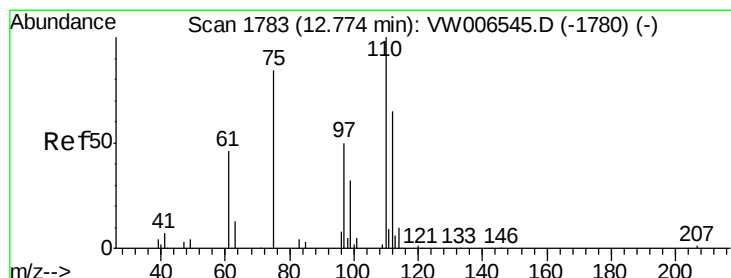
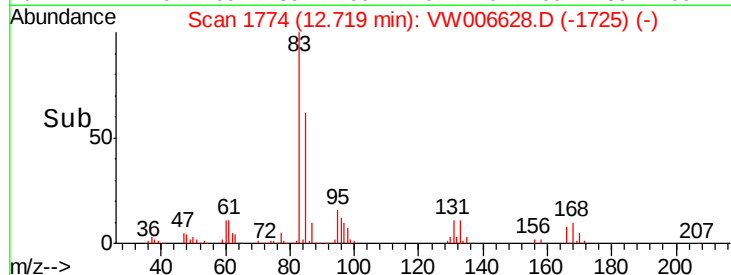
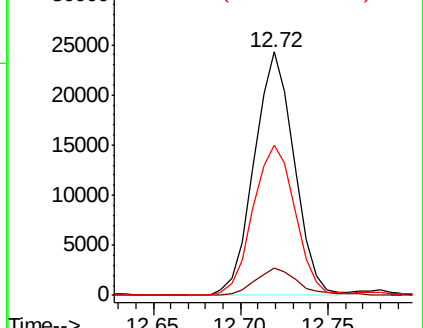
85 64.8 32.3 96.8



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: 33.185 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006628.D

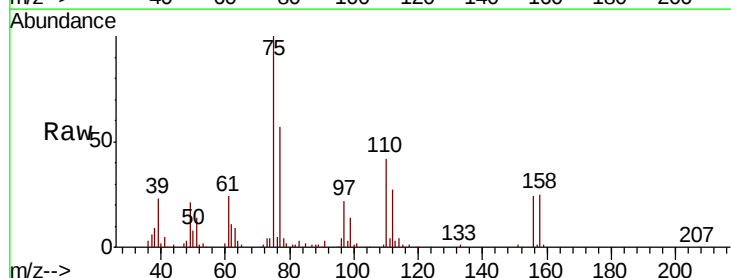
Acq: 05 Nov 2018 11:49

Tgt Ion: 75 Resp: 48815

Ion Ratio Lower Upper

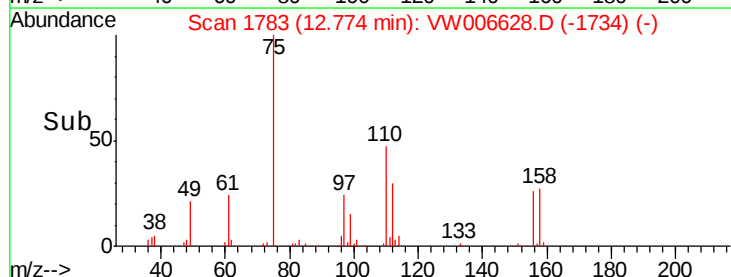
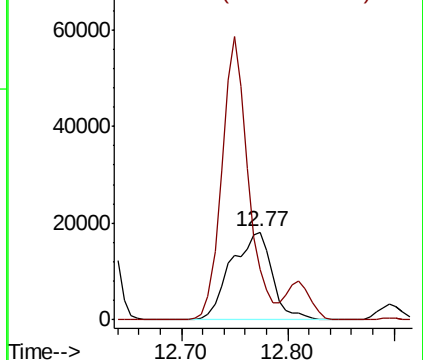
75 100

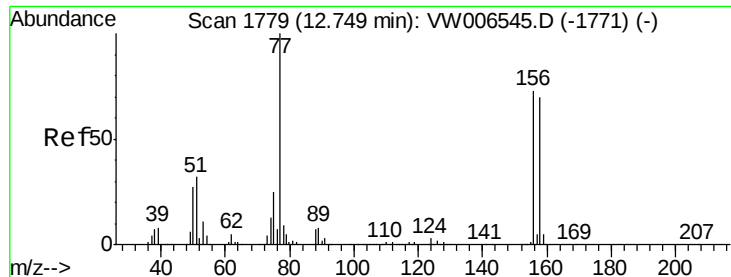
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.162 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

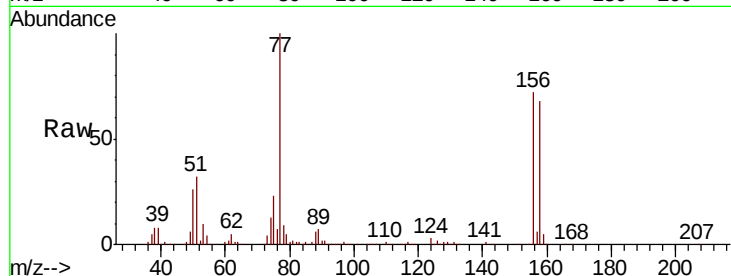
Tot Ion:156 Resp: 68049

Ion Ratio Lower Upper

156 100

77 150.5 75.9 227.8

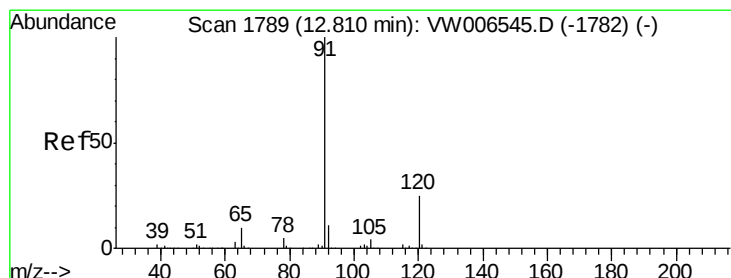
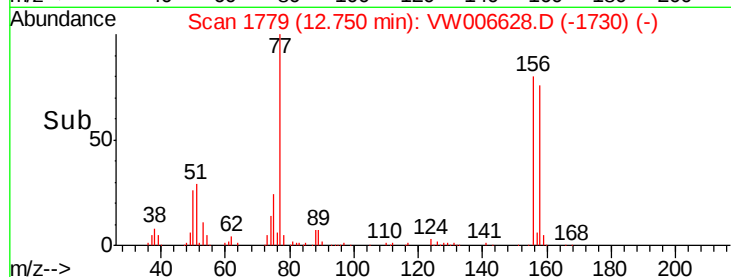
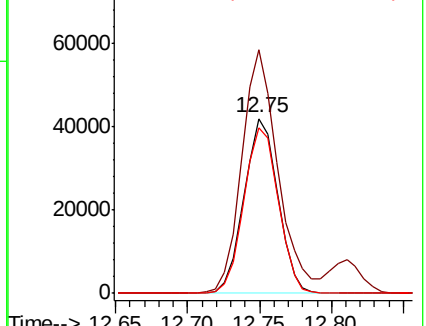
158 96.7 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.345 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006628.D

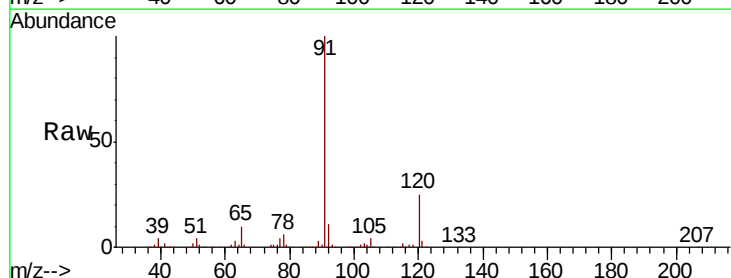
Acq: 05 Nov 2018 11:49

Tgt Ion: 91 Resp: 319201

Ion Ratio Lower Upper

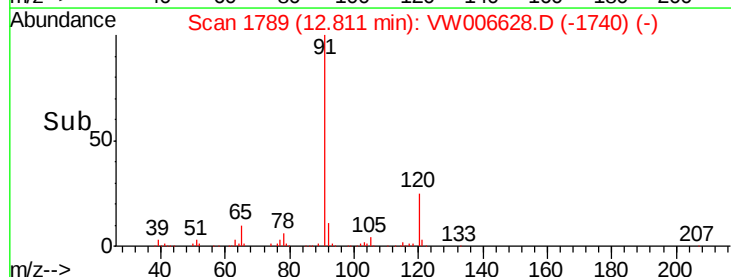
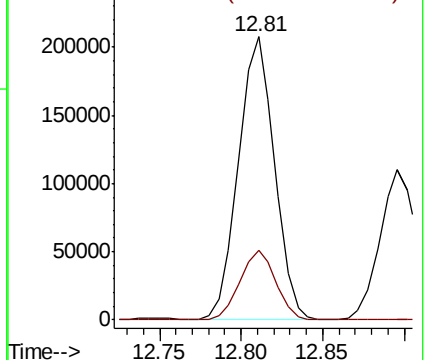
91 100

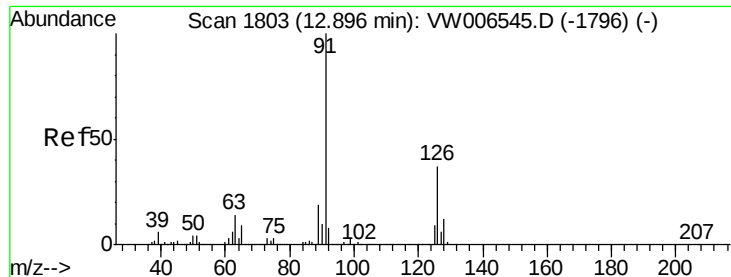
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

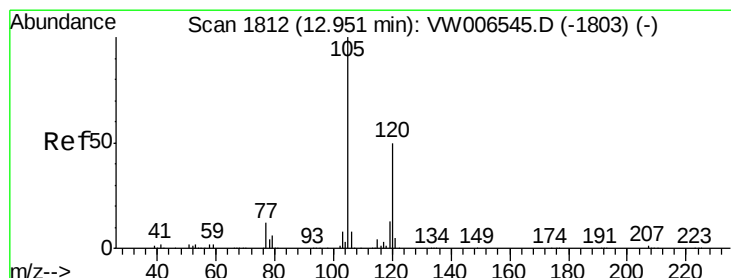
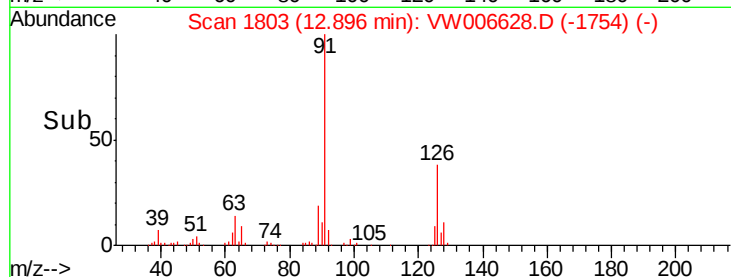
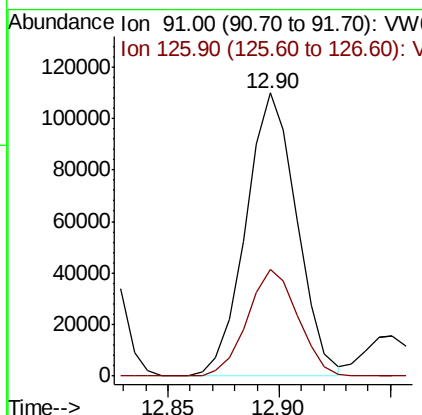
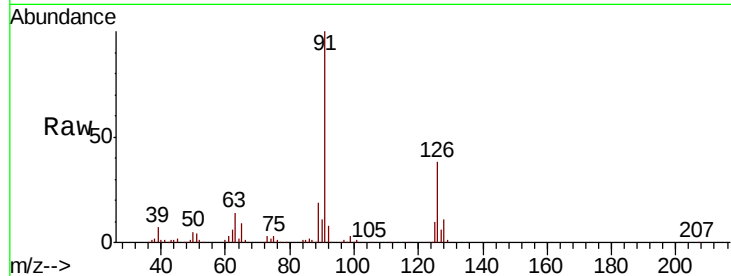




#79
 2-Chlorotoluene
 Concen: 21.246 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

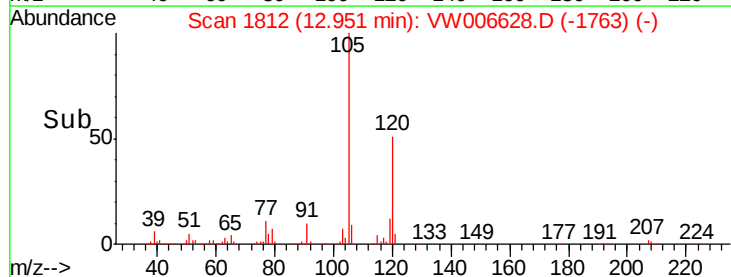
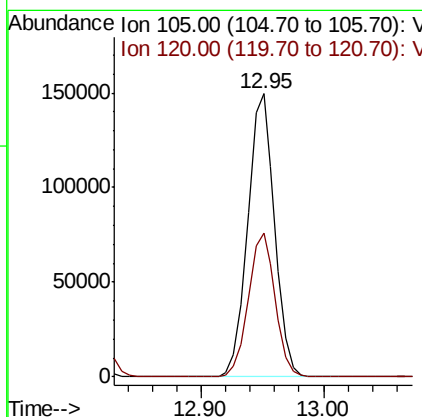
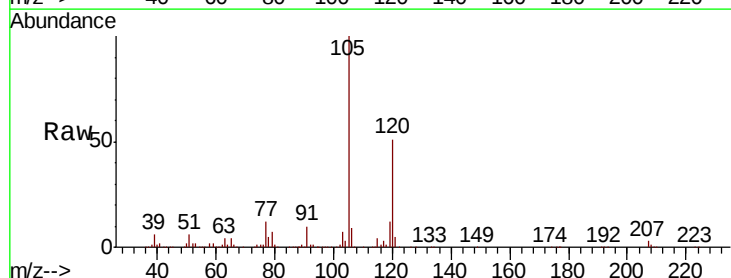
Instrument :
 MSVOA_W
 ClientSampled :

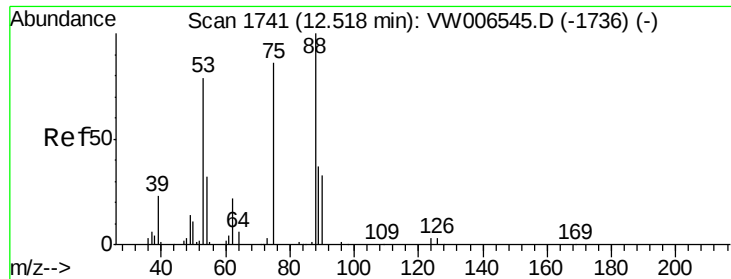
Tot Ion: 91 Resp: 174186
 Ion Ratio Lower Upper
 91 100
 126 37.7 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 21.843 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion:105 Resp: 227911
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.3

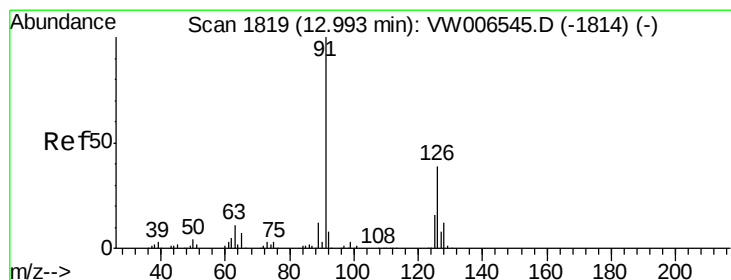
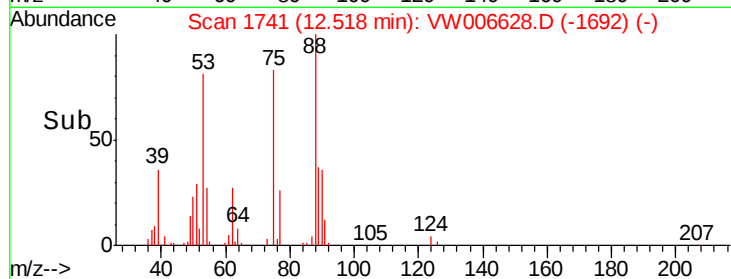
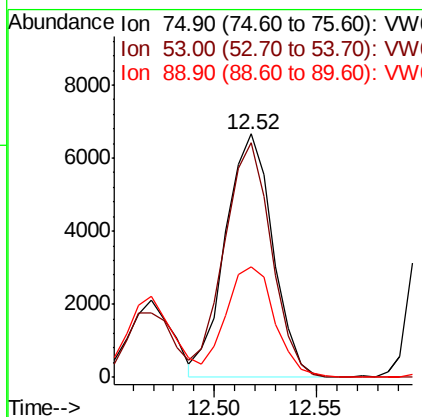
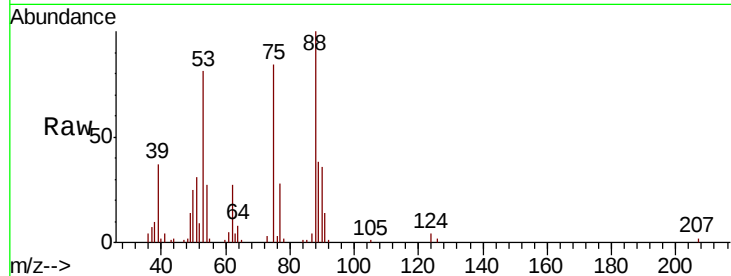




#81
trans-1,4-Dichloro-2-butene
Concen: 20.503 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

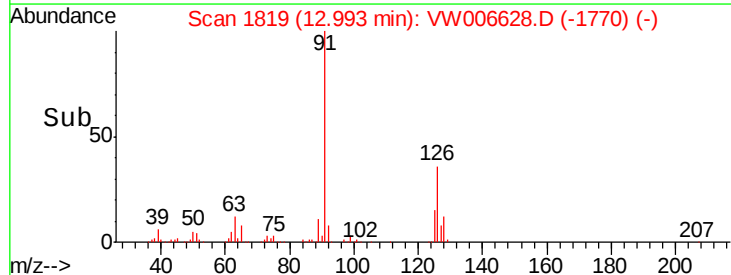
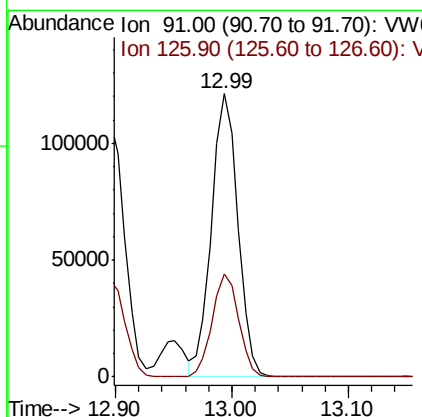
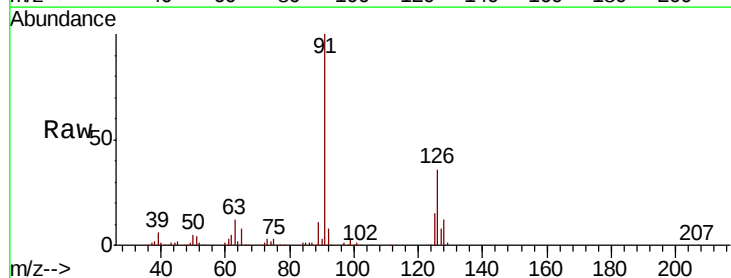
Instrument :
MSVOA_W
ClientSampled :

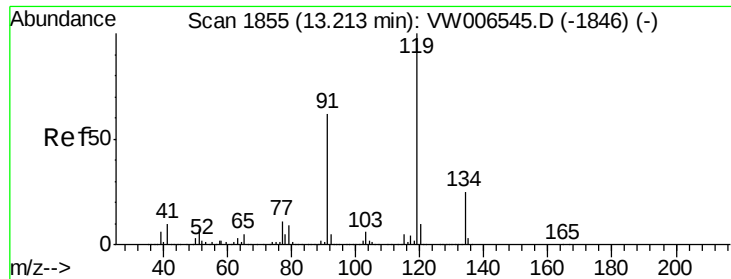
Tot Ion: 75 Resp: 10704
Ion Ratio Lower Upper
75 100
53 95.9 77.2 115.8
89 46.8 38.6 58.0



#82
4-Chlorotoluene
Concen: 21.823 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 91 Resp: 189281
Ion Ratio Lower Upper
91 100
126 36.4 18.5 55.5

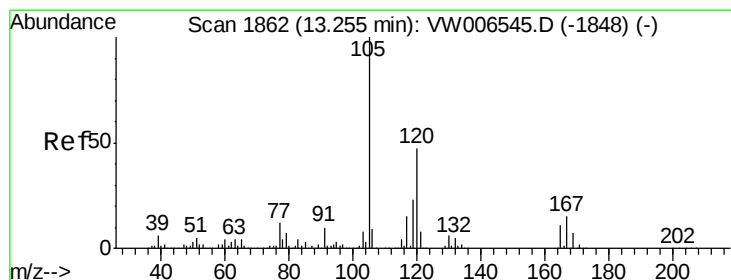
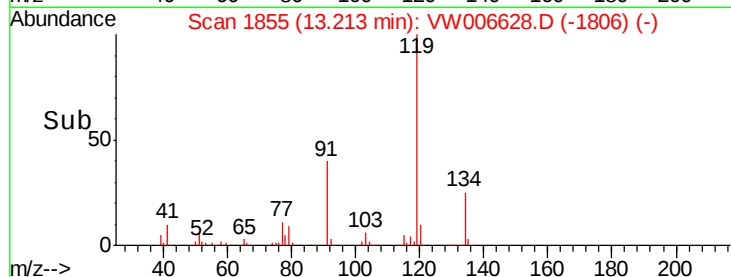
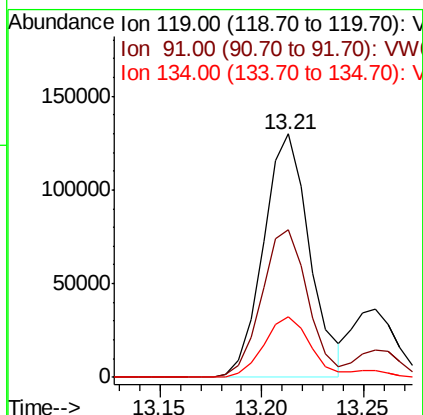
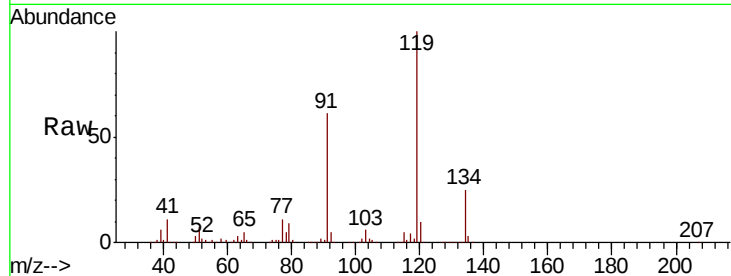




#83
tert-Butylbenzene
Concen: 22.058 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

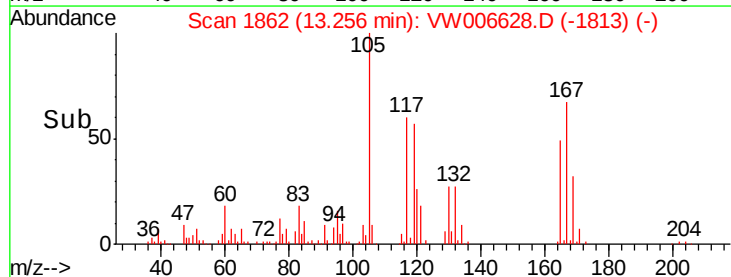
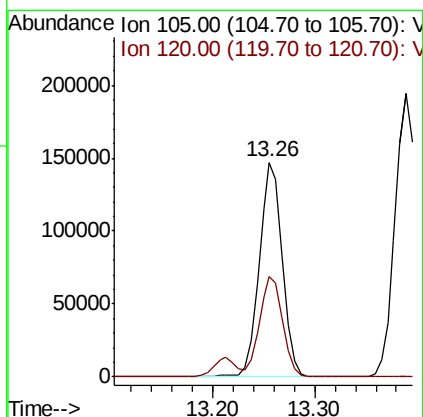
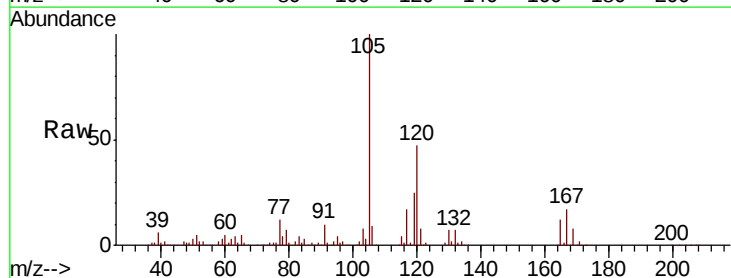
Instrument :
MSVOA_W
ClientSampleId :

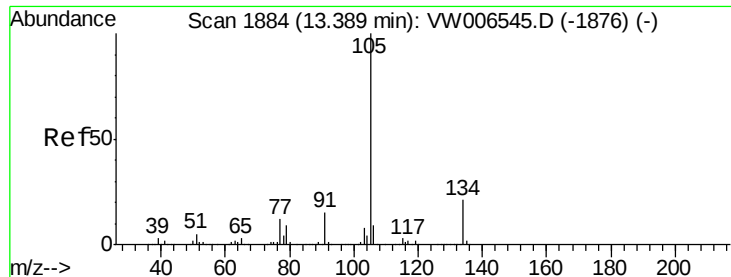
Tot Ion:119 Resp: 205249
Ion Ratio Lower Upper
119 100
91 60.5 30.4 91.3
134 25.3 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 21.625 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion:105 Resp: 231440
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.421 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

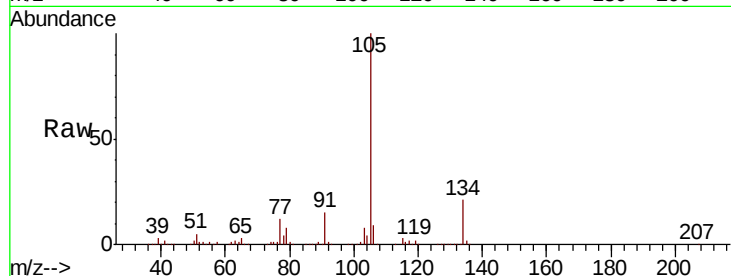
ClientSampled :

Tot Ion:105 Resp: 292187

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

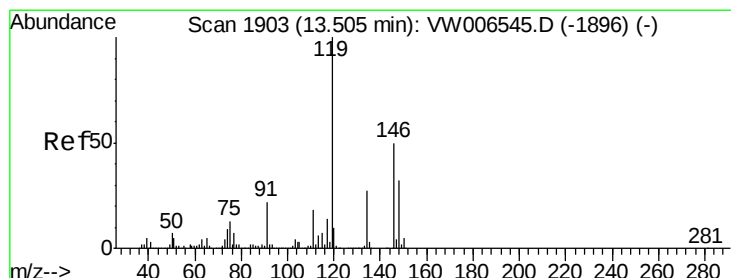
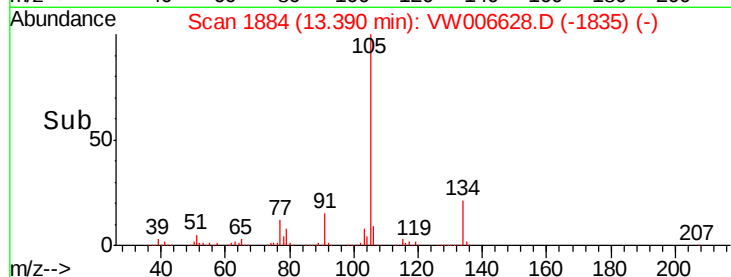
0

13.39

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 22.222 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

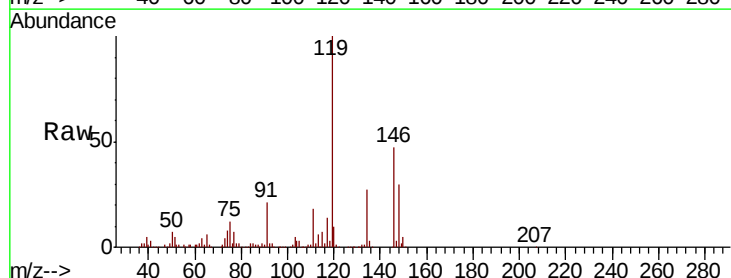
Tgt Ion:119 Resp: 263506

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.7

91 22.0 10.9 32.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

100000

50000

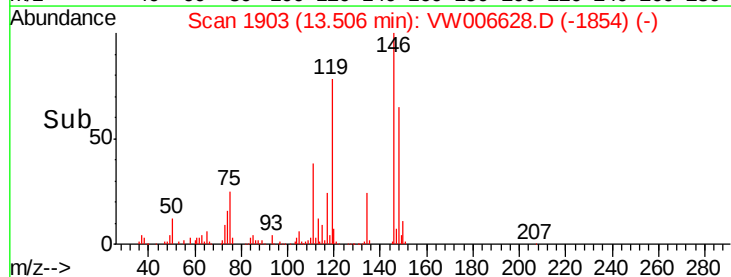
0

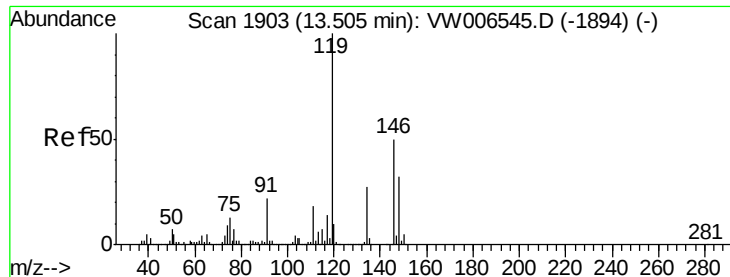
13.51

13.45

13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.738 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

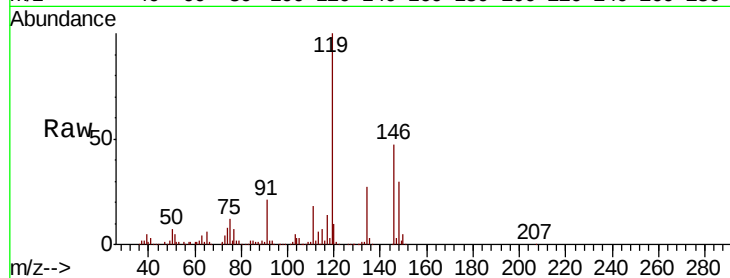
Tot Ion:146 Resp: 137658

Ion Ratio Lower Upper

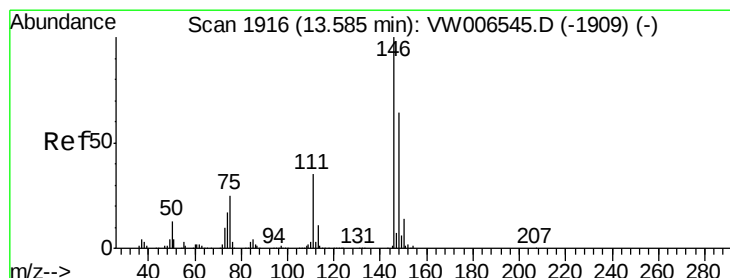
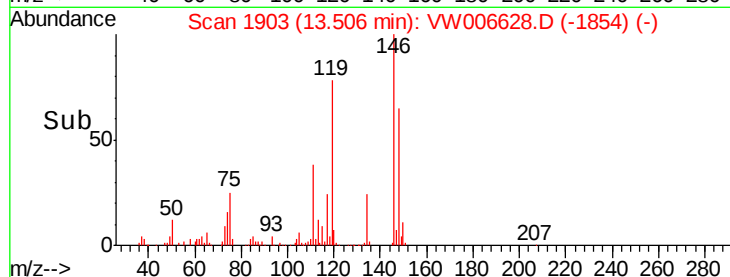
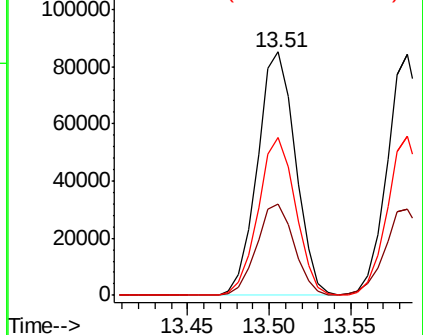
146 100

111 37.2 18.6 55.6

148 63.7 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 21.443 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

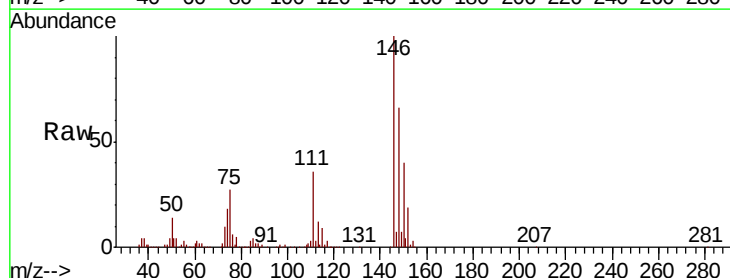
Tgt Ion:146 Resp: 134606

Ion Ratio Lower Upper

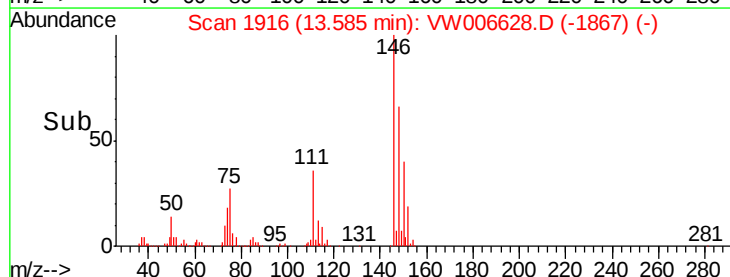
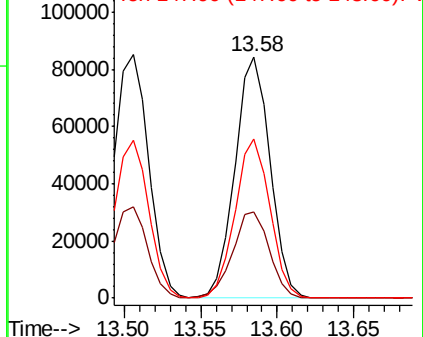
146 100

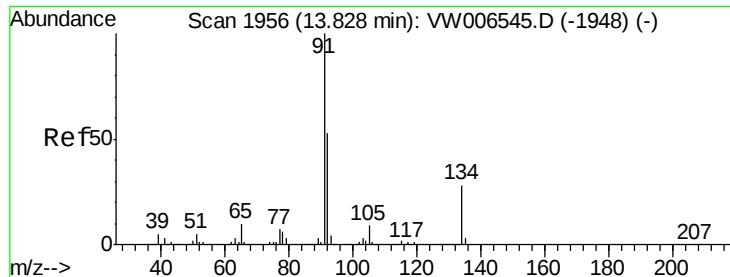
111 37.5 17.9 53.7

148 65.3 32.1 96.5



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





#89

n-Butylbenzene

Concen: 22.638 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

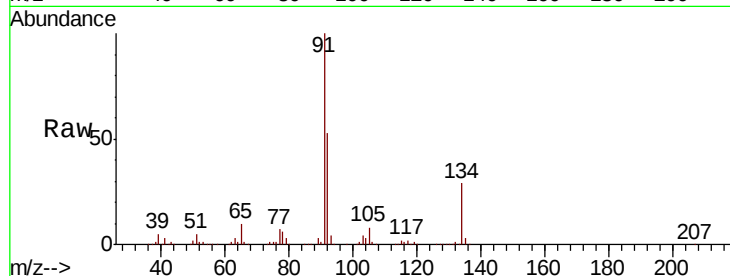
Tot Ion: 91 Resp: 238296

Ion Ratio Lower Upper

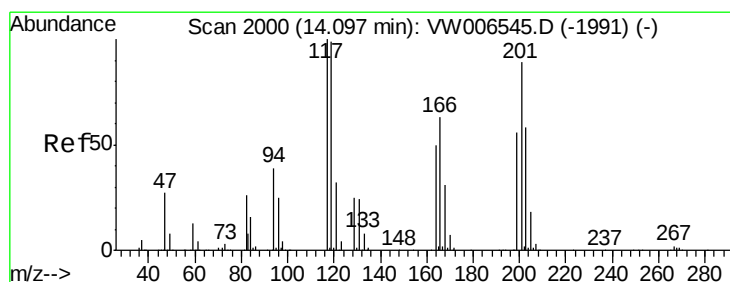
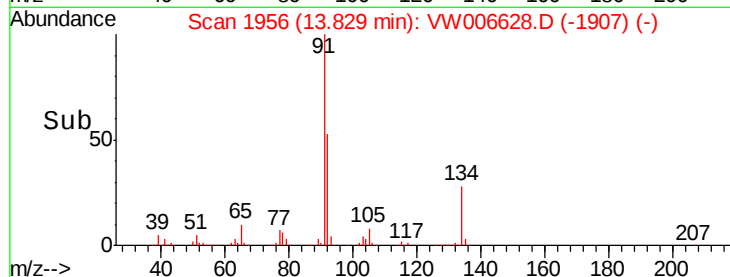
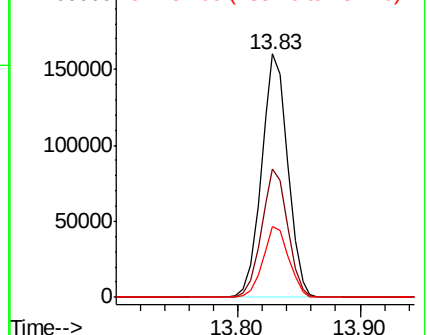
91 100

92 52.6 26.4 79.0

134 28.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 22.774 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006628.D

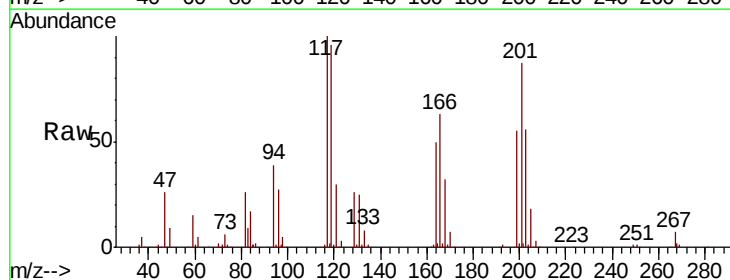
Acq: 05 Nov 2018 11:49

Tgt Ion: 117 Resp: 44385

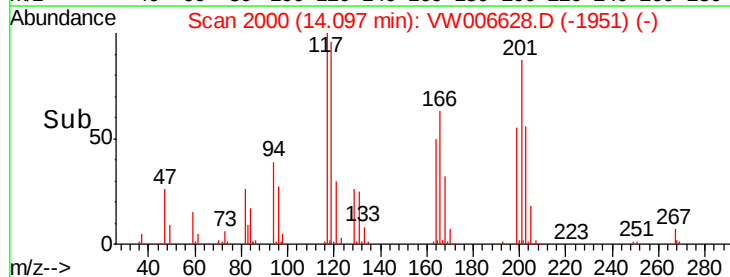
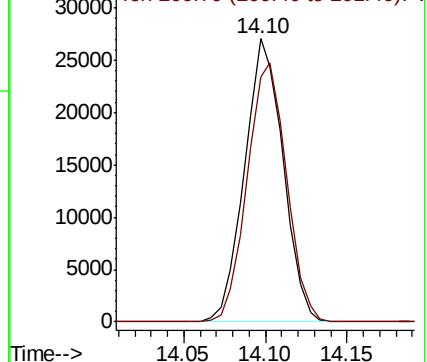
Ion Ratio Lower Upper

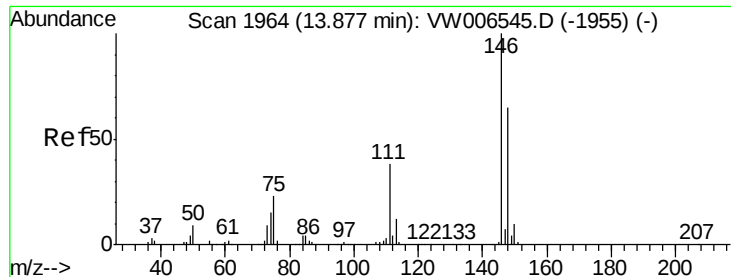
117 100

201 93.4 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.944 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

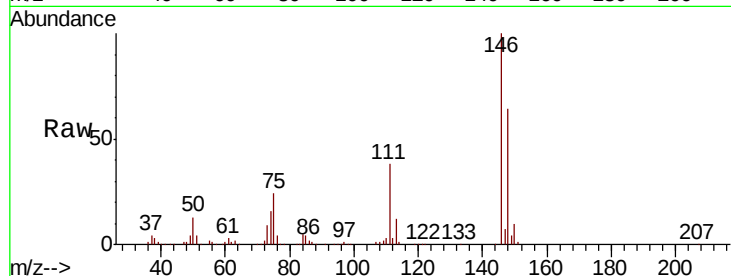
Tot Ion:146 Resp: 119304

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

148 64.3 32.0 96.0

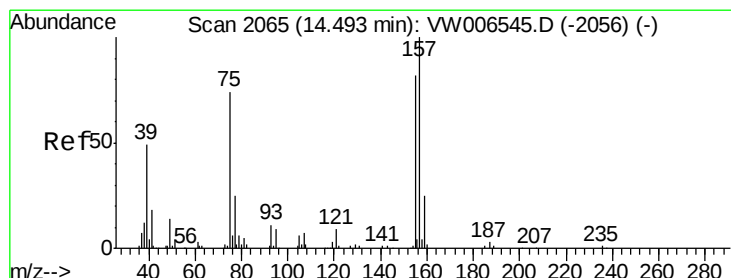
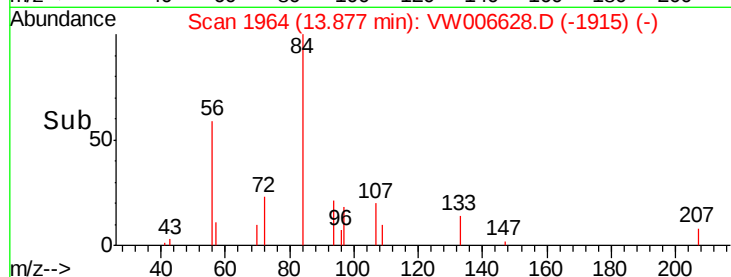
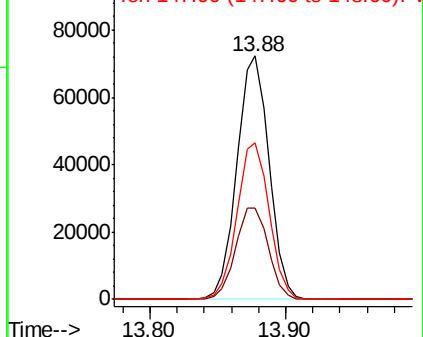


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.871 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

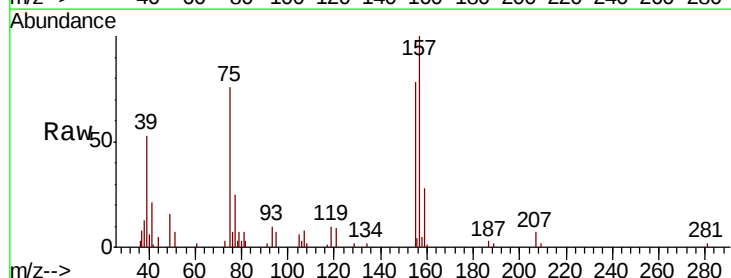
Tgt Ion: 75 Resp: 5688

Ion Ratio Lower Upper

75 100

155 103.8 50.6 151.8

157 130.9 65.0 195.0

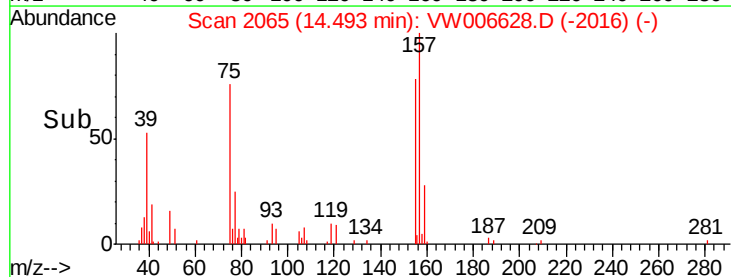
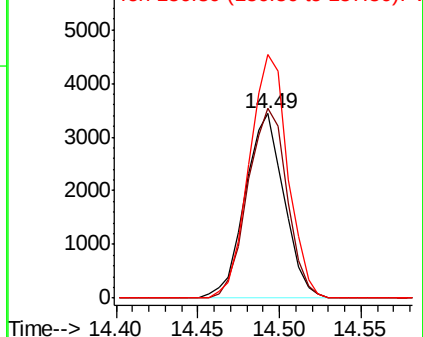


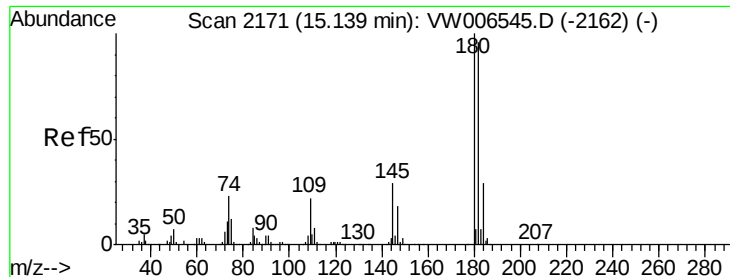
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

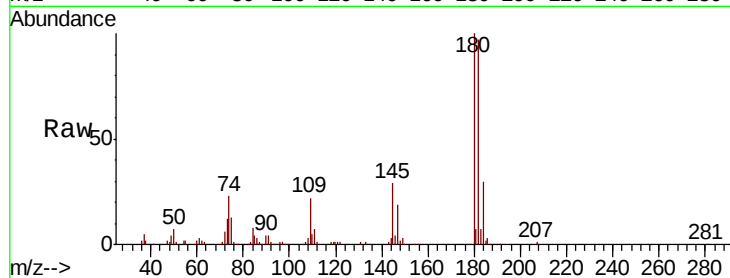




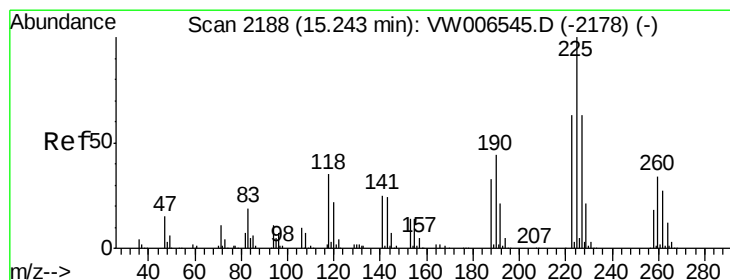
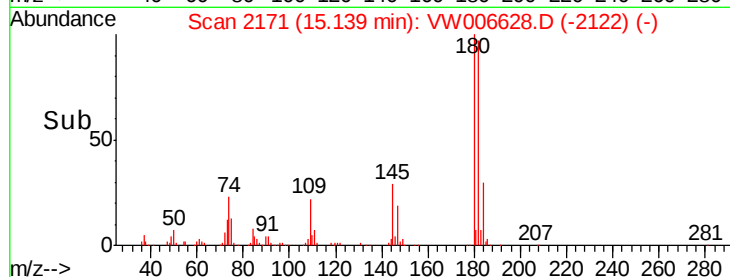
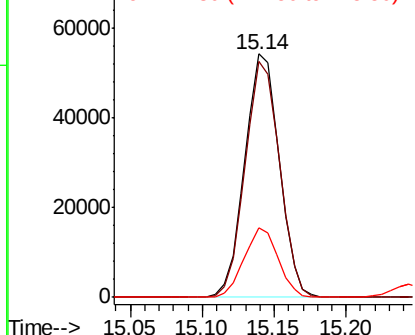
#93
 1,2,4-Trichlorobenzene
 Concen: 21.300 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 90221
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.5 142.6
 145 28.1 14.0 42.0

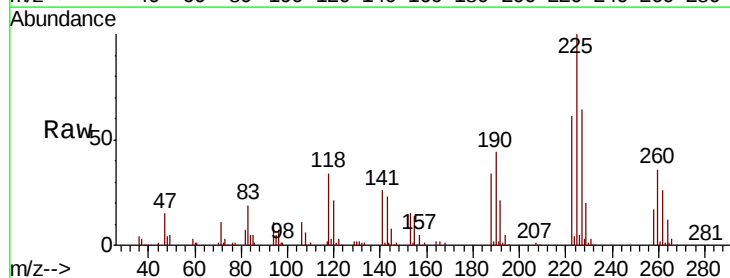


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

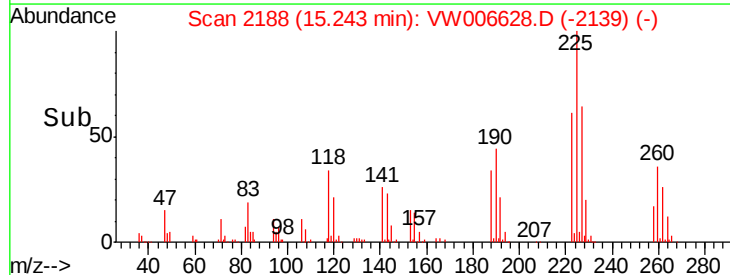
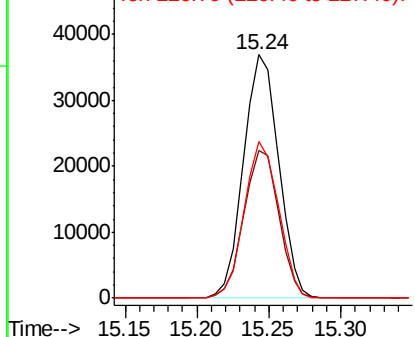


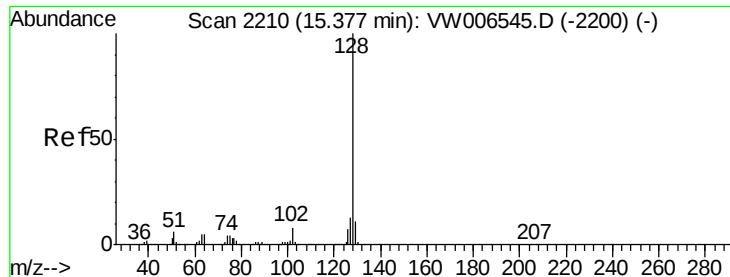
#94
 Hexachlorobutadiene
 Concen: 23.649 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion:225 Resp: 62430
 Ion Ratio Lower Upper
 225 100
 223 60.5 31.4 94.2
 227 62.8 32.2 96.6



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

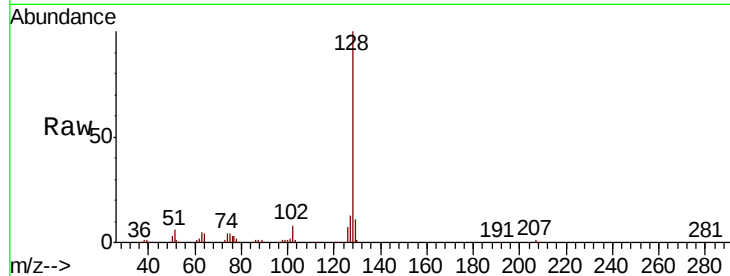




#95
Naphthalene
Concen: 19.058 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.7	13.1

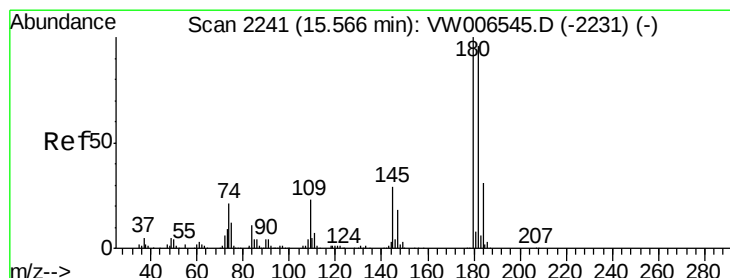
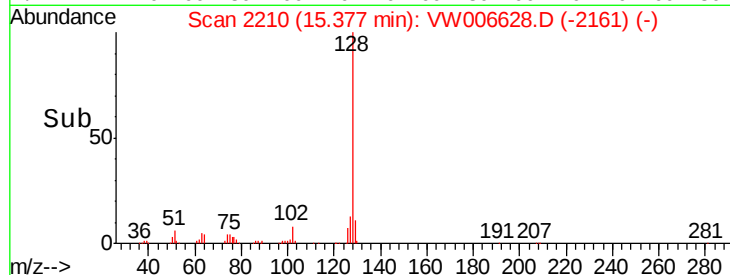
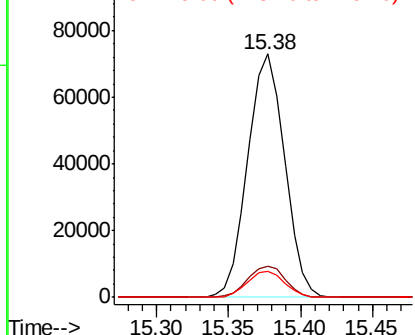


Abundance

Ion 128.00 (127.70 to 128.70): V

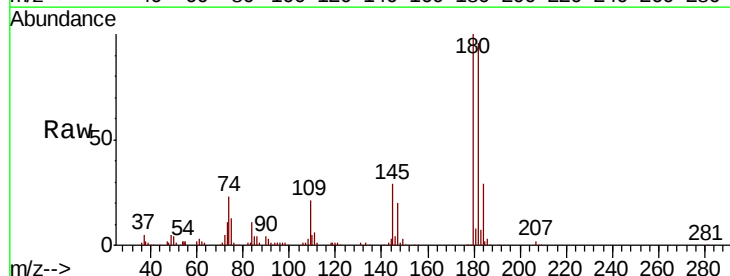
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.854 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.2	144.6
145	29.4	14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

