

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007188.D
 Acq On : 04 Dec 2018 15:39
 Operator : SY/AP
 Sample : VW1204SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Quant Time: Dec 05 05:04:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	106645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	72053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51610	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	7.88	113	49986	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
50) Toluene-d8	10.33	98	215645	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.62	95	79561	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24198	20.739	ug/l	99
3) Chloromethane	2.22	50	30018	20.316	ug/l	96
4) Vinyl Chloride	2.36	62	19365	20.932	ug/l	96
5) Bromomethane	2.76	94	11072	23.883	ug/l	95
6) Chloroethane	2.92	64	11078	21.341	ug/l	99
7) Trichlorofluoromethane	3.26	101	36212	20.077	ug/l	97
8) Diethyl Ether	3.69	74	10144	20.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	22142	20.322	ug/l	99
10) Methyl Iodide	4.28	142	17393	18.739	ug/l	99
11) Tert butyl alcohol	5.15	59	13253	130.812	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	20870	20.439	ug/l	99
13) Acrolein	3.90	56	7110	102.195	ug/l	99
14) Allyl chloride	4.67	41	32890	20.095	ug/l	99
15) Acrylonitrile	5.37	53	20450	97.297	ug/l	98
16) Acetone	4.12	43	23566	100.257	ug/l	100
17) Carbon Disulfide	4.38	76	65955	19.596	ug/l	100
18) Methyl Acetate	4.68	43	11026	20.550	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	48360	20.116	ug/l	96
20) Methylene Chloride	4.92	84	27598	20.207	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	22979	20.154	ug/l	93
22) Diisopropyl ether	6.32	45	59998	20.420	ug/l	97
23) Vinyl Acetate	6.26	43	160436	100.072	ug/l	100
24) 1,1-Dichloroethane	6.22	63	38734	20.568	ug/l	99
25) 2-Butanone	7.17	43	25455	93.421	ug/l	97
26) 2,2-Dichloropropane	7.17	77	36545	20.194	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	24566	20.099	ug/l	99
28) Bromochloromethane	7.51	49	14332	21.106	ug/l	97
29) Tetrahydrofuran	7.53	42	16556	98.326	ug/l	97
30) Chloroform	7.68	83	39192	20.025	ug/l	98
31) Cyclohexane	7.96	56	39914	20.257	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	37093	20.139	ug/l	98
36) 1,1-Dichloropropene	8.09	75	32527	20.307	ug/l	99
37) Ethyl Acetate	7.25	43	11038	19.051	ug/l	98
38) Carbon Tetrachloride	8.07	117	33099	20.246	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43256	20.173	ug/l	98
40) Benzene	8.33	78	88391	20.124	ug/l	100
41) Methacrylonitrile	7.48	41	7169	20.657	ug/l	97
42) 1,2-Dichloroethane	8.40	62	24467	19.932	ug/l	99
43) Isopropyl Acetate	8.43	43	22173	19.704	ug/l	99
44) Trichloroethene	9.10	130	25245	20.448	ug/l	98
45) 1,2-Dichloropropane	9.37	63	20745	20.296	ug/l	99
46) Dibromomethane	9.46	93	10628	20.011	ug/l	99
47) Bromodichloromethane	9.65	83	28420	20.343	ug/l	99
48) Methyl methacrylate	9.44	41	12038	20.612	ug/l	96
49) 1,4-Dioxane	9.45	88	3780	407.413	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	52540	94.743	ug/l	98
52) Toluene	10.39	92	61773	20.218	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	29224	20.806	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	33523	20.365	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	15087	19.970	ug/l	98
56) Ethyl methacrylate	10.65	69	19588	19.877	ug/l	97
57) 1,3-Dichloropropane	10.93	76	25471	19.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	43079	108.833	ug/l	95
59) 2-Hexanone	10.97	43	39503	98.265	ug/l	91
60) Dibromochloromethane	11.13	129	18459	19.880	ug/l	96
61) 1,2-Dibromoethane	11.23	107	14321	19.764	ug/l	97
64) Tetrachloroethene	10.87	164	22188	20.684	ug/l	98
65) Chlorobenzene	11.66	112	65223	19.890	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	20087	19.835	ug/l	99
67) Ethyl Benzene	11.73	91	118099	19.760	ug/l	100
68) m/p-Xylenes	11.84	106	93606	39.924	ug/l	97
69) o-Xylene	12.17	106	44115	20.138	ug/l	95
70) Styrene	12.18	104	70929	19.780	ug/l	98
71) Bromoform	12.35	173	9885	19.499	ug/l #	97
73) Isopropylbenzene	12.47	105	124500	21.245	ug/l	99
74) N-amyl acetate	12.27	43	19605	18.869	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	14980	19.682	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	22704	20.968	ug/l #	100
77) Bromobenzene	12.75	156	26024	20.573	ug/l	98
78) n-propylbenzene	12.81	91	149374	21.395	ug/l	95
79) 2-Chlorotoluene	12.90	91	80291	20.365	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	104003	20.745	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5409	20.896	ug/l	98
82) 4-Chlorotoluene	12.99	91	88522	21.105	ug/l	97
83) tert-Butylbenzene	13.21	119	90058	20.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	105669	20.648	ug/l	96
85) sec-Butylbenzene	13.39	105	127019	20.308	ug/l	99
86) p-Isopropyltoluene	13.51	119	113840	20.446	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	53021	20.418	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	54700	20.854	ug/l	99
89) n-Butylbenzene	13.83	91	111235	21.379	ug/l	98
90) Hexachloroethane	14.10	117	16495	19.441	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	48285	21.479	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3035	20.585	ug/l	92

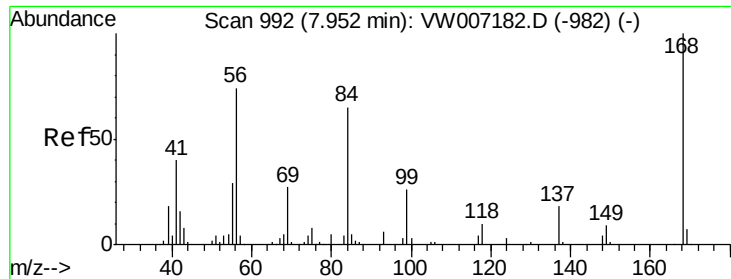
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31001	19.899	ug/l	99
94) Hexachlorobutadiene	15.24	225	16566	19.719	ug/l	100
95) Naphthalene	15.38	128	54384	19.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	25643	19.520	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

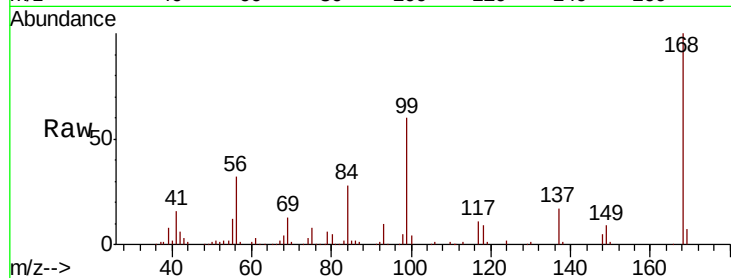
VW1204SBS01

Tot Ion:168 Resp: 106645

Ion Ratio Lower Upper

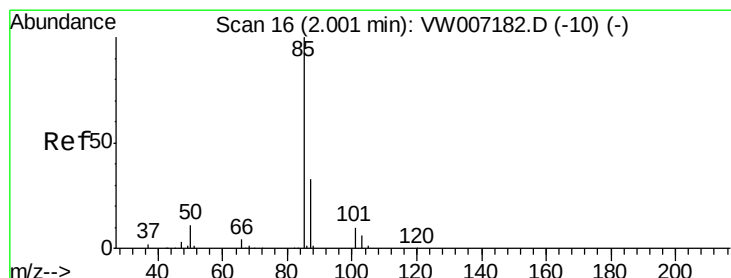
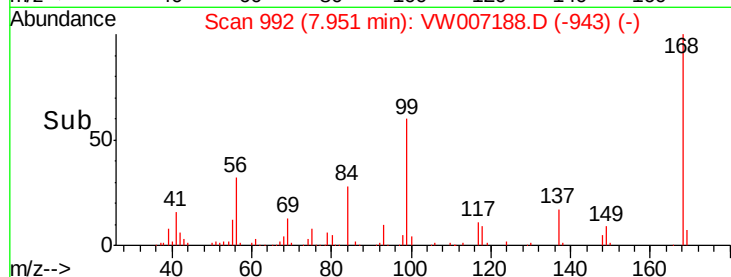
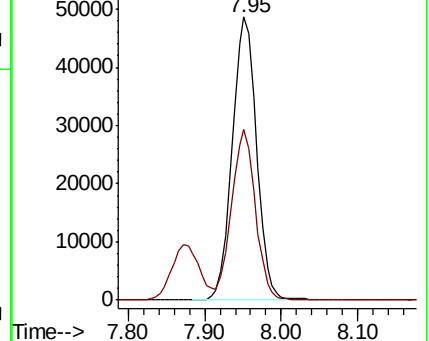
168 100

99 60.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.739 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007188.D

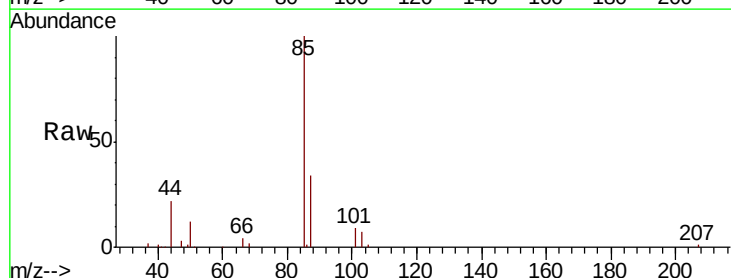
Acq: 04 Dec 2018 15:39

Tgt Ion: 85 Resp: 24198

Ion Ratio Lower Upper

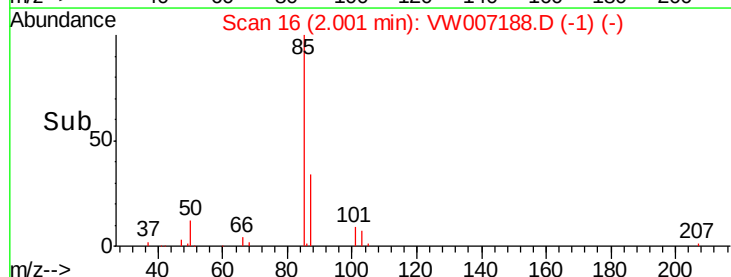
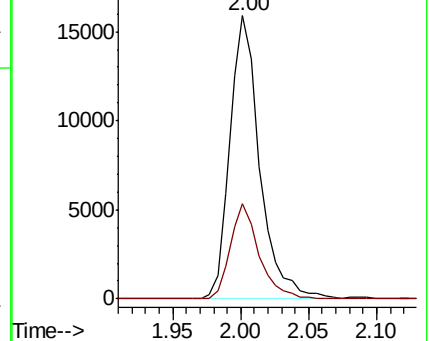
85 100

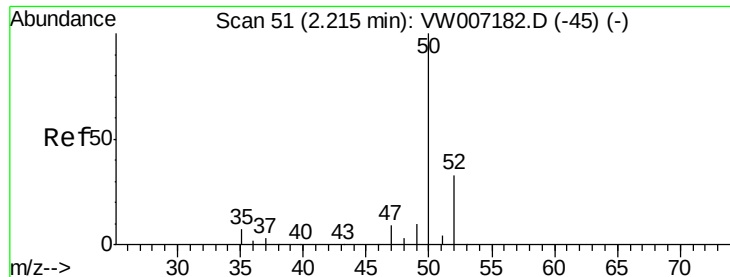
87 33.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.316 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

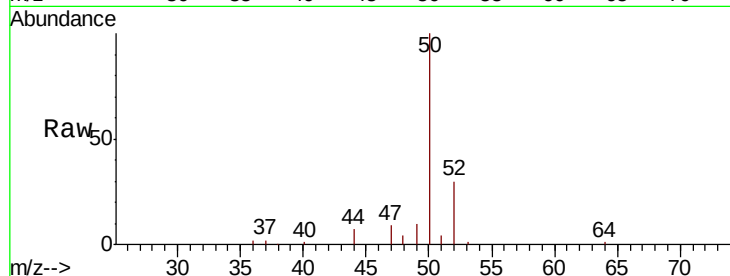
VW1204SBS01

Tot Ion: 50 Resp: 30018

Ion Ratio Lower Upper

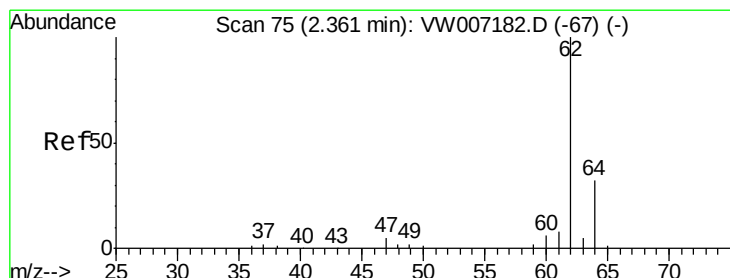
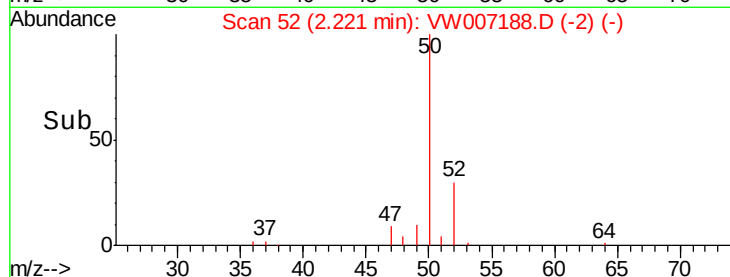
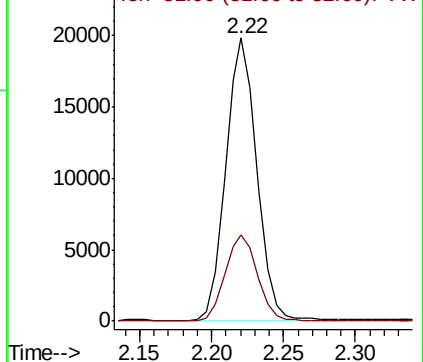
50 100

52 30.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.932 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007188.D

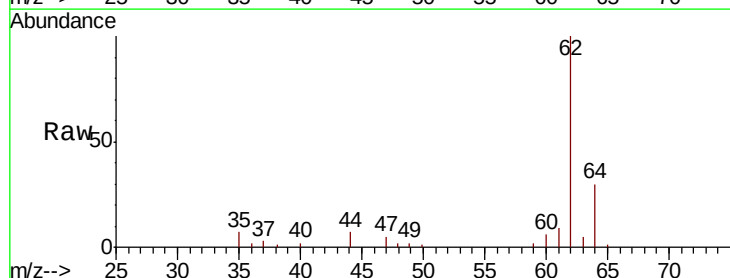
Acq: 04 Dec 2018 15:39

Tgt Ion: 62 Resp: 19365

Ion Ratio Lower Upper

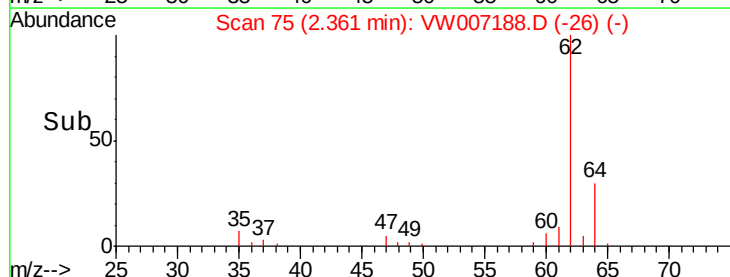
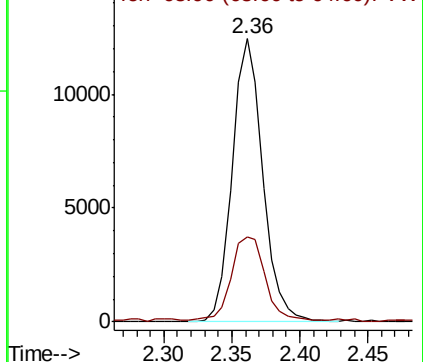
62 100

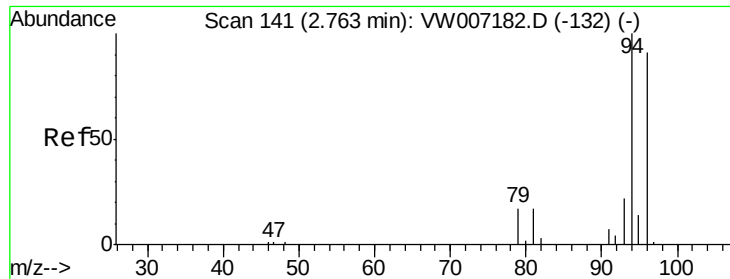
64 29.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.883 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

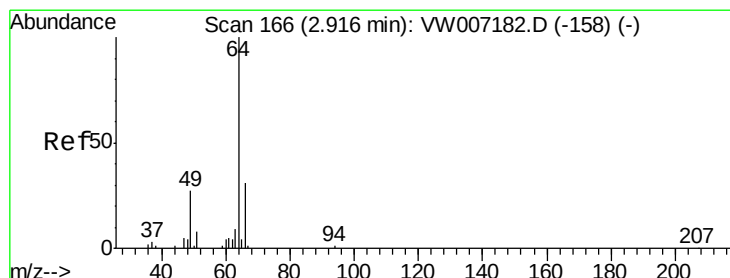
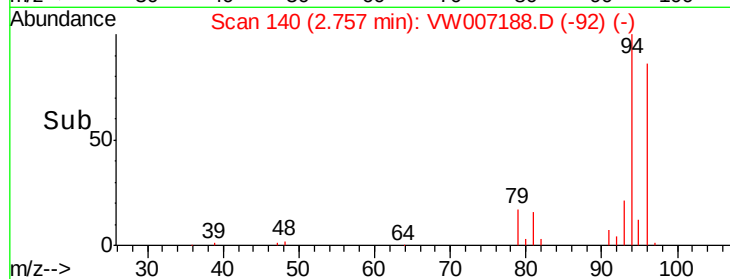
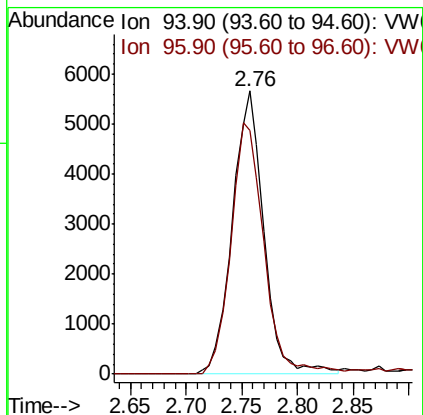
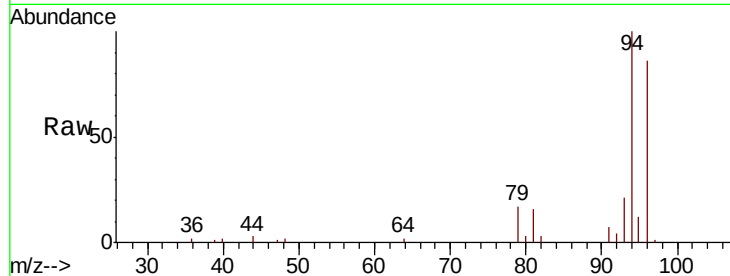
VW1204SBS01

Tot Ion: 94 Resp: 11072

Ion Ratio Lower Upper

94 100

96 86.3 72.8 109.2



#6

Chloroethane

Concen: 21.341 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007188.D

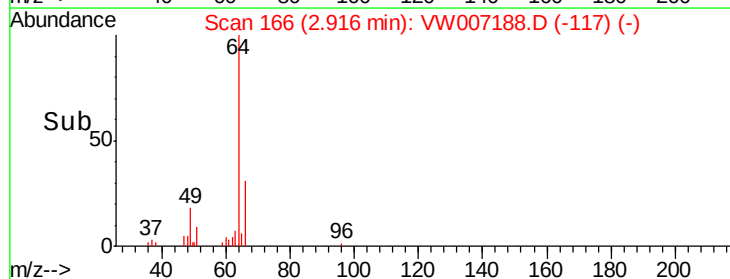
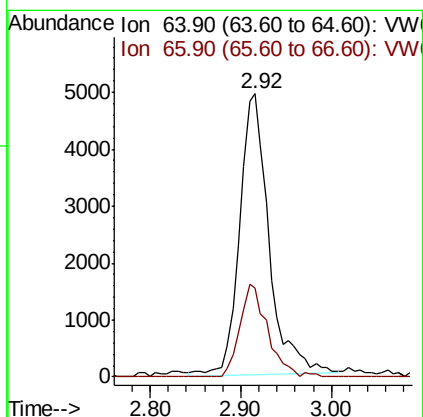
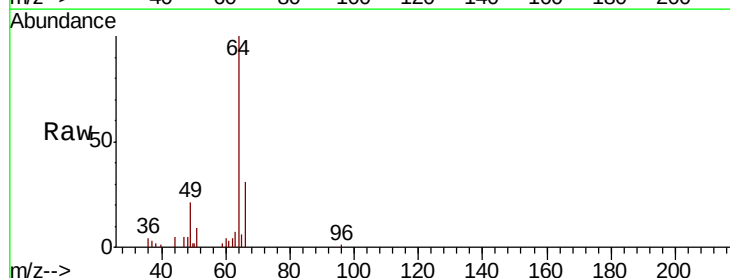
Acq: 04 Dec 2018 15:39

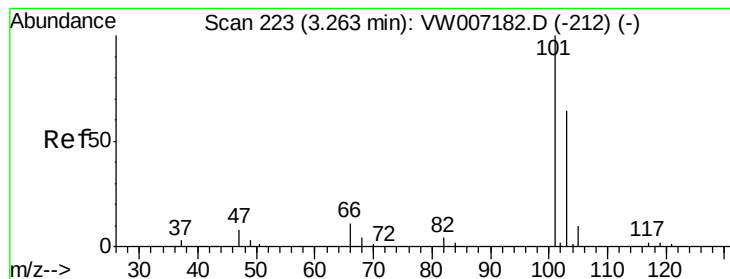
Tgt Ion: 64 Resp: 11078

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.6



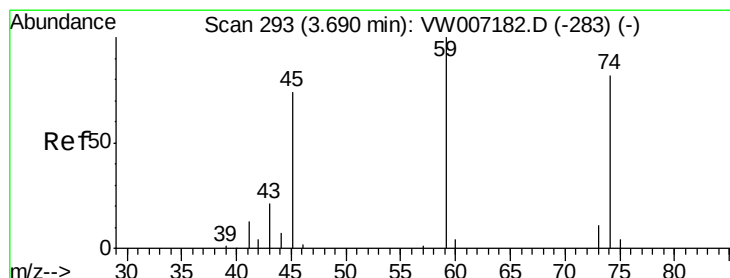
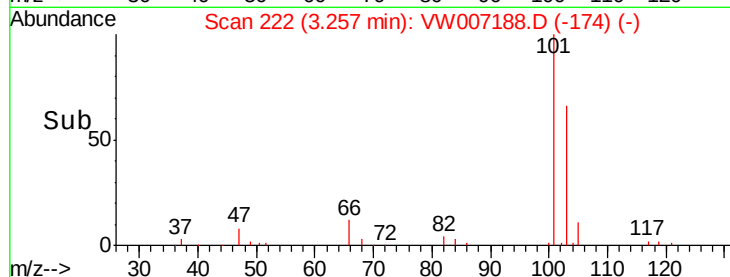
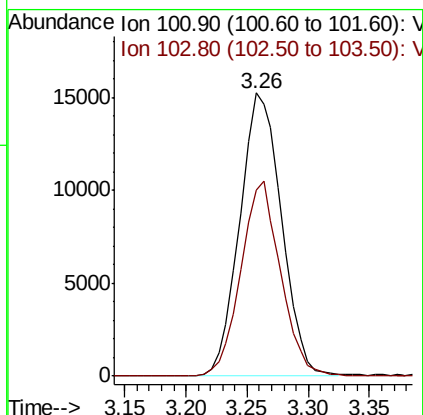
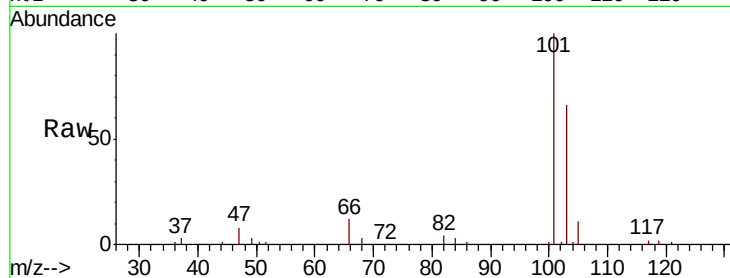


#7

Trichlorofluoromethane
 Concen: 20.077 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

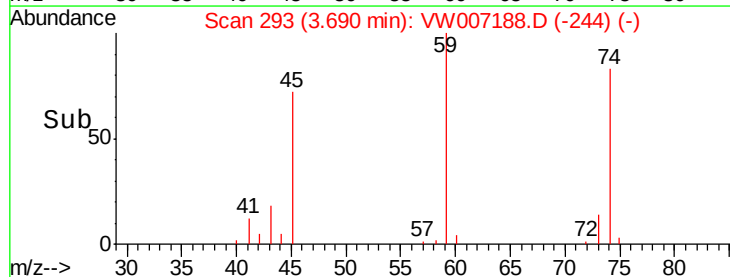
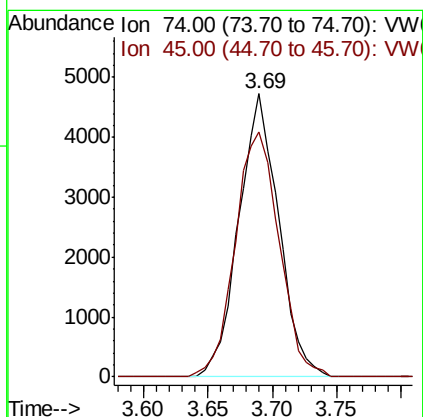
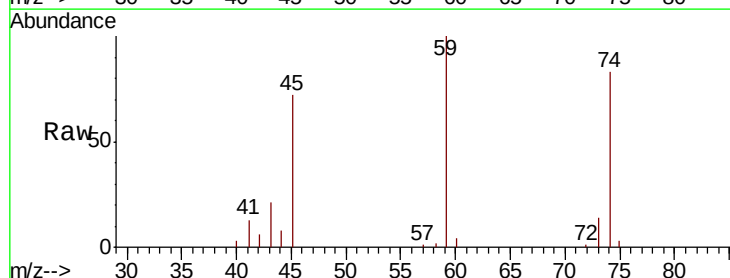
Tot Ion:101 Resp: 36212
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.9 76.3

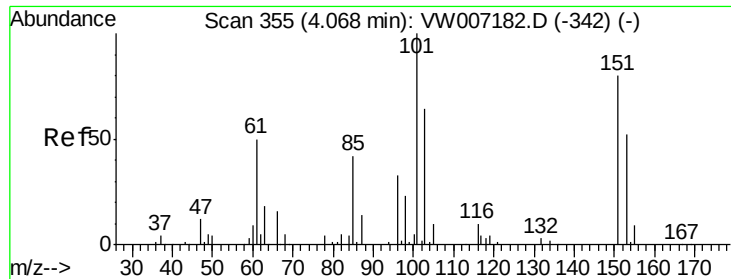


#8

Diethyl Ether
 Concen: 20.176 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 74 Resp: 10144
 Ion Ratio Lower Upper
 74 100
 45 95.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.322 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

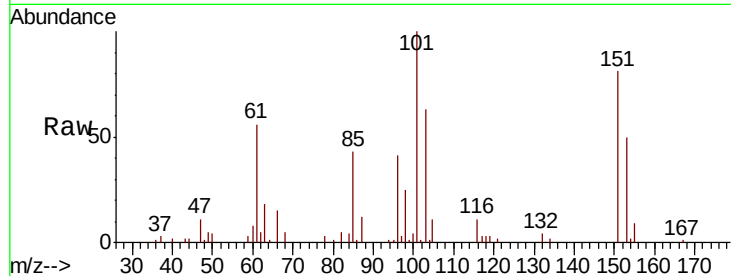
Tot Ion:101 Resp: 22142

Ion Ratio Lower Upper

101 100

85 42.7 33.4 50.2

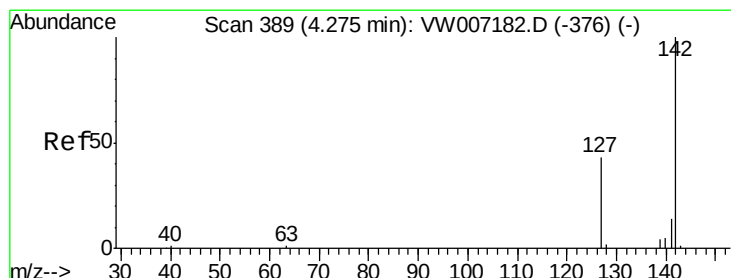
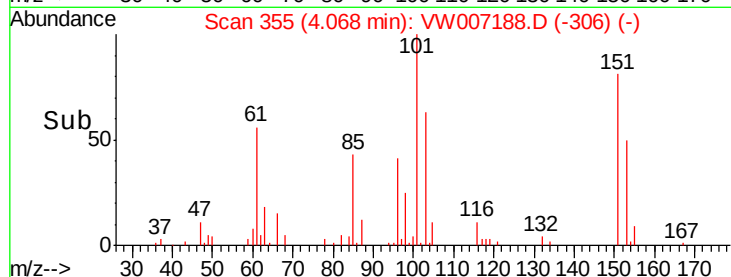
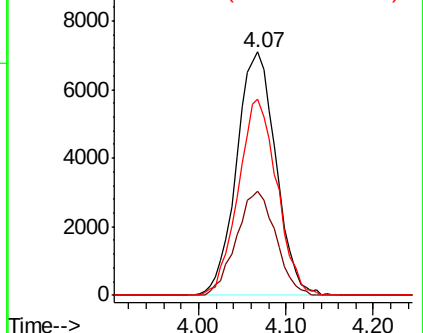
151 79.6 63.9 95.9



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: 18.739 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

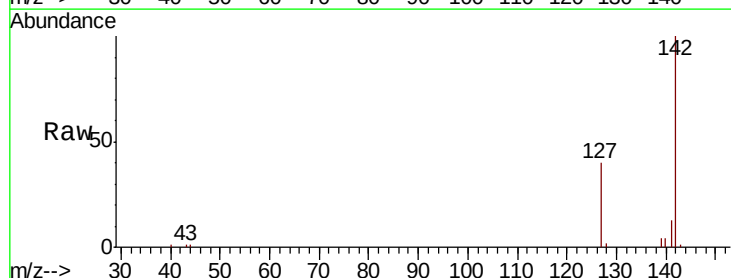
Tgt Ion:142 Resp: 17393

Ion Ratio Lower Upper

142 100

127 42.4 34.9 52.3

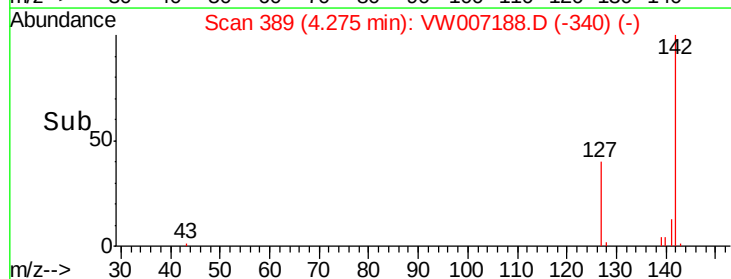
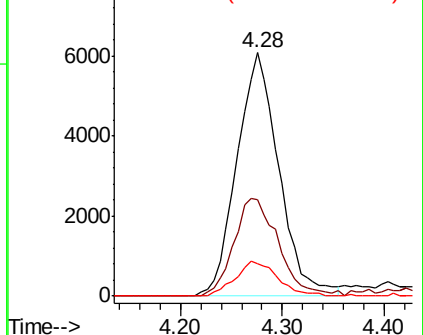
141 14.4 11.7 17.5

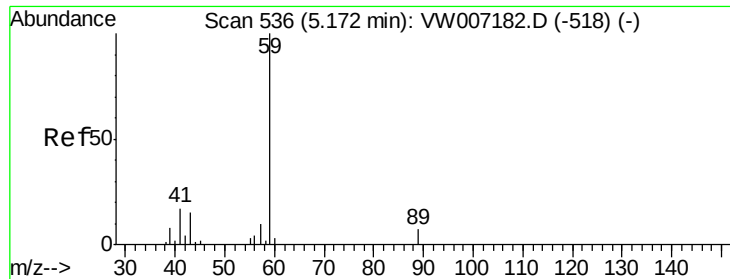


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



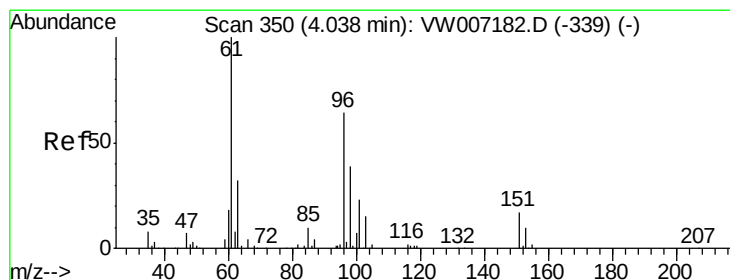
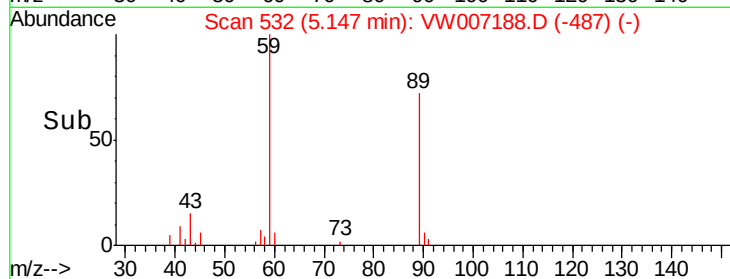
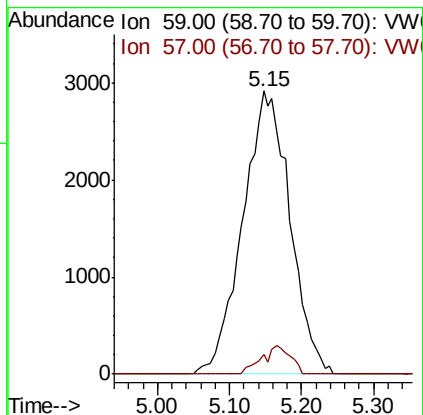
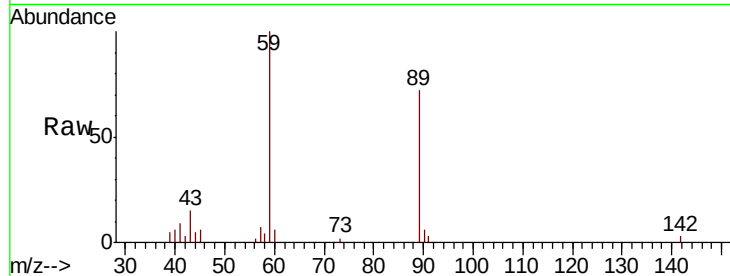


#11

Tert butyl alcohol
 Concen: 130.812 ug/l
 RT: 5.15 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

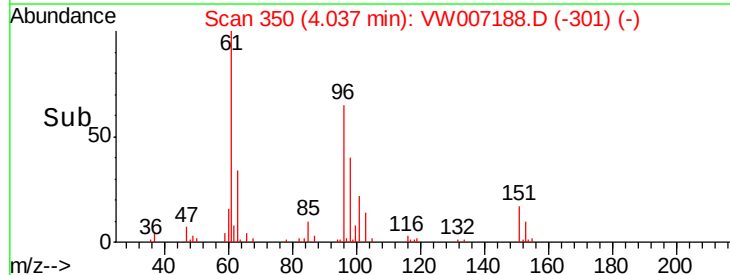
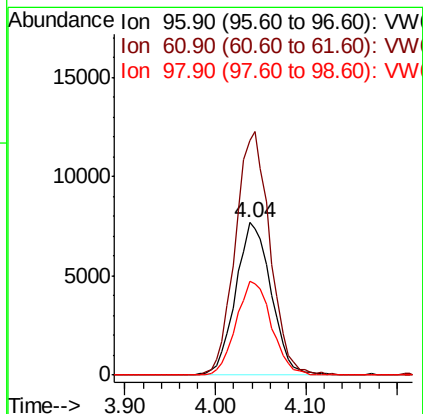
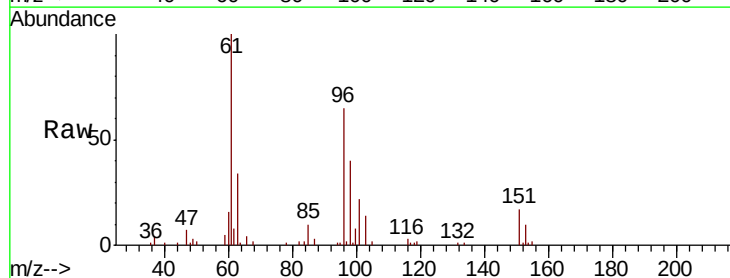
Tot Ion: 59 Resp: 13253
 Ion Ratio Lower Upper
 59 100
 57 6.0 7.1 10.7#

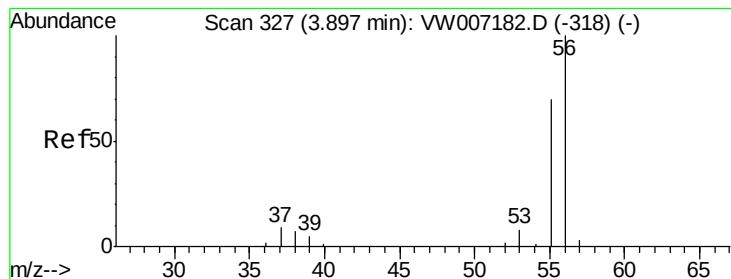


#12

1,1-Dichloroethene
 Concen: 20.439 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 96 Resp: 20870
 Ion Ratio Lower Upper
 96 100
 61 154.4 124.1 186.1
 98 61.3 48.6 72.8





#13

Acrolein

Concen: 102.195 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

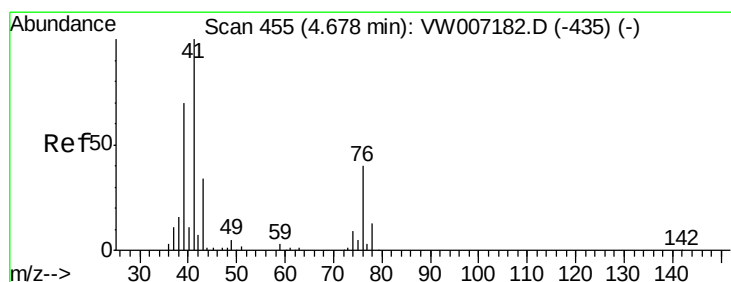
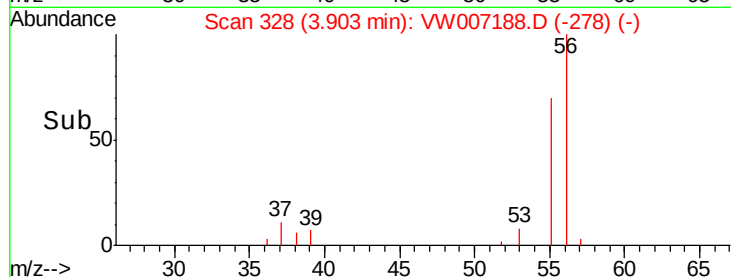
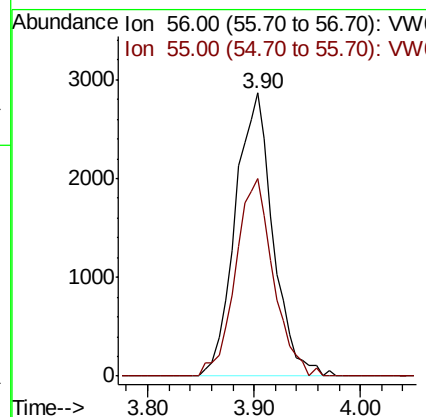
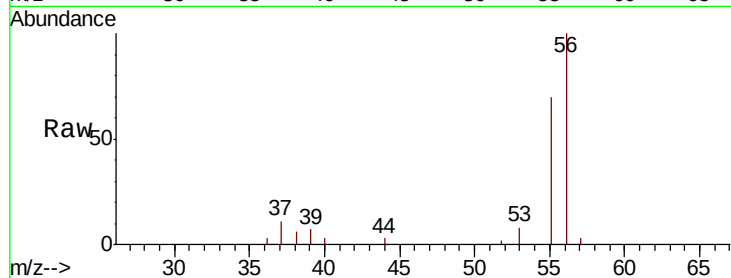
VW1204SBS01

Tot Ion: 56 Resp: 7110

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



#14

Allyl chloride

Concen: 20.095 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

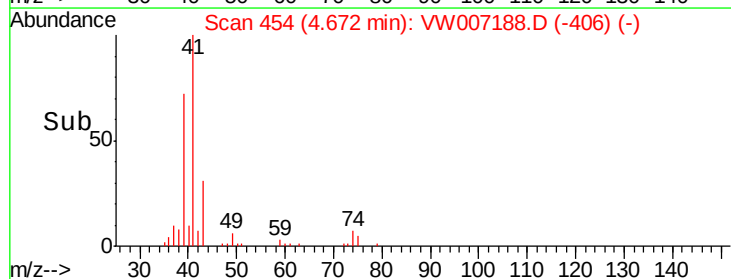
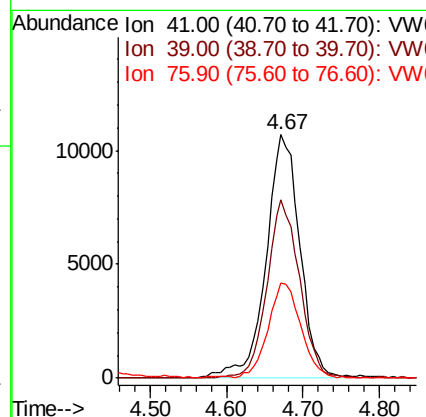
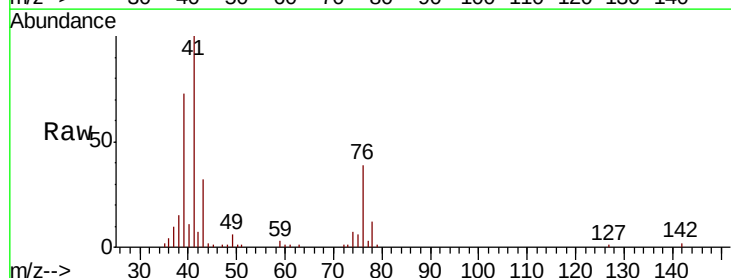
Tgt Ion: 41 Resp: 32890

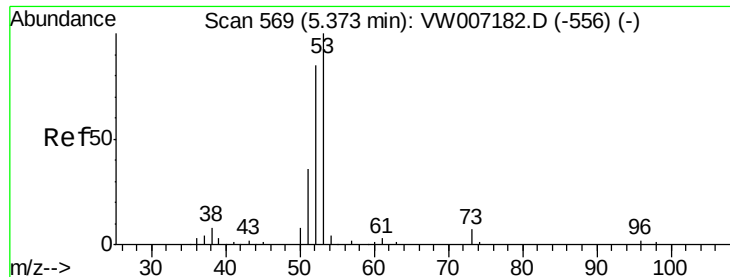
Ion Ratio Lower Upper

41 100

39 70.5 55.9 83.9

76 37.9 30.8 46.2





#15

Acrylonitrile

Concen: 97.297 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

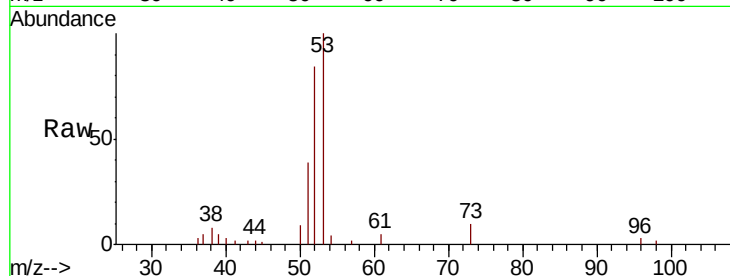
Tot Ion: 53 Resp: 20450

Ion Ratio Lower Upper

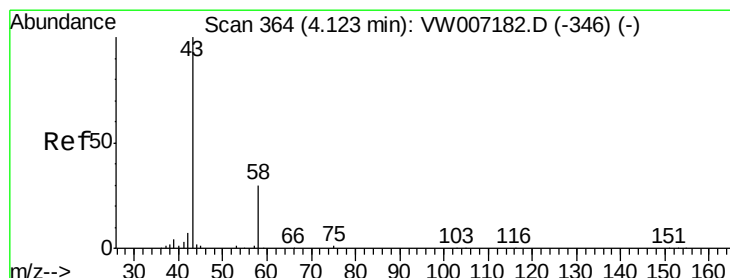
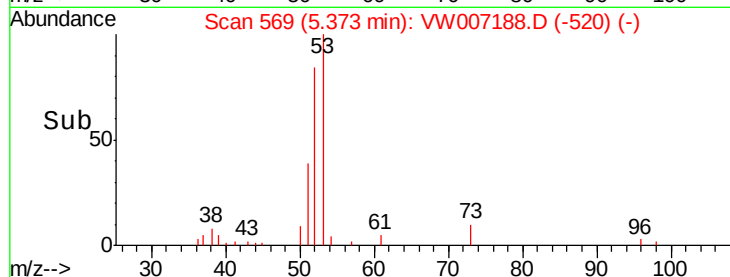
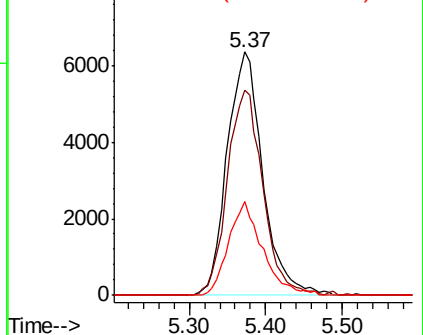
53 100

52 83.9 66.1 99.1

51 36.9 30.3 45.5



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: 100.257 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007188.D

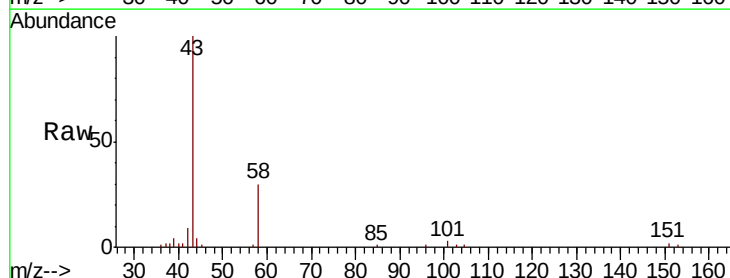
Acq: 04 Dec 2018 15:39

Tgt Ion: 43 Resp: 23566

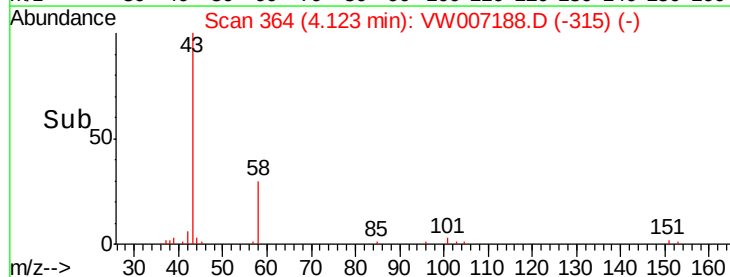
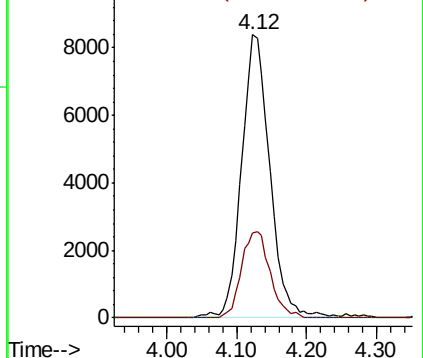
Ion Ratio Lower Upper

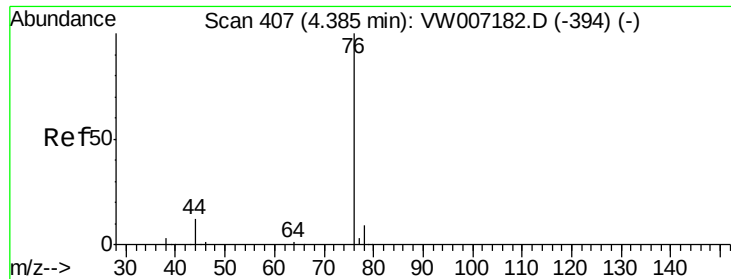
43 100

58 29.9 23.8 35.8



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

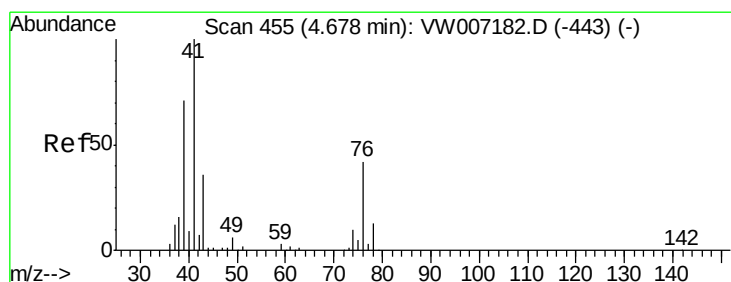
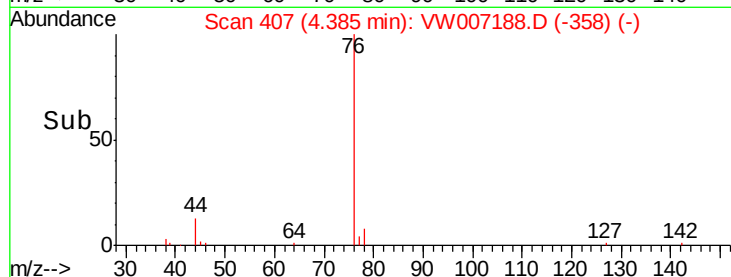
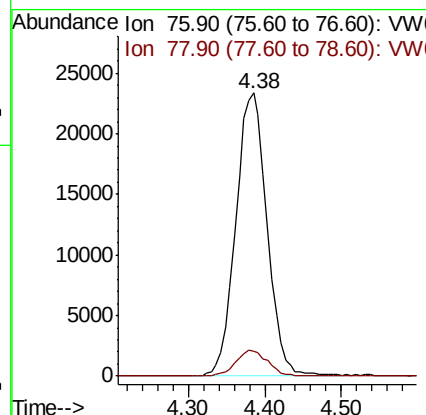
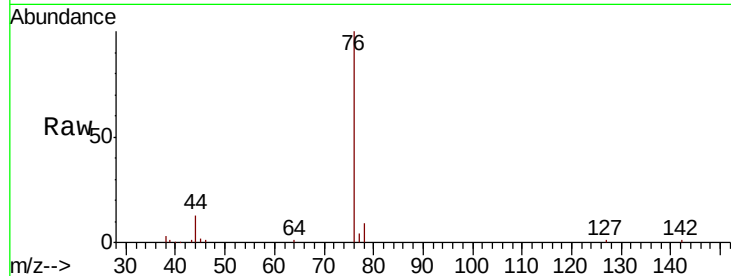




#17
Carbon Disulfide
Concen: 19.596 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

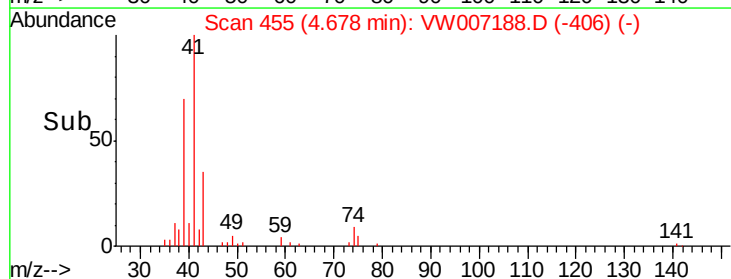
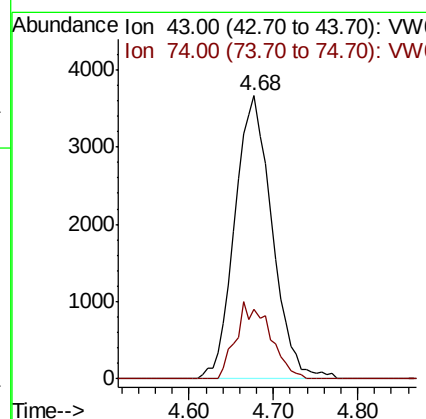
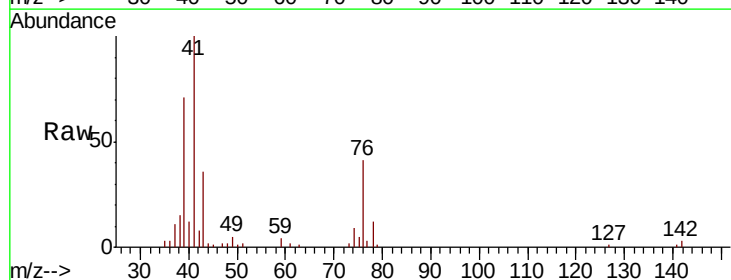
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

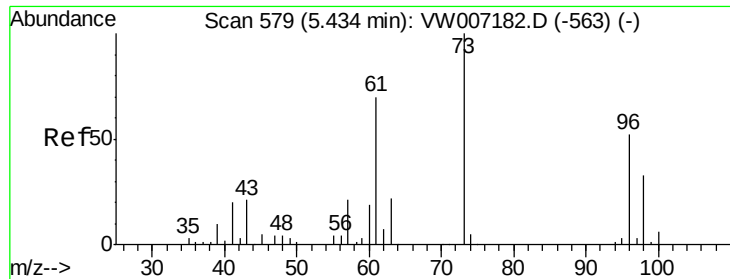
Tot Ion: 76 Resp: 65955
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 20.550 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 43 Resp: 11026
Ion Ratio Lower Upper
43 100
74 24.7 20.1 30.1

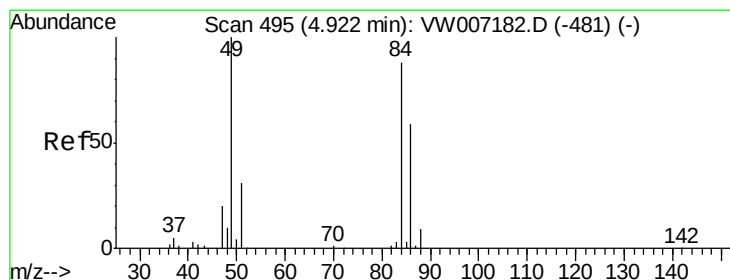
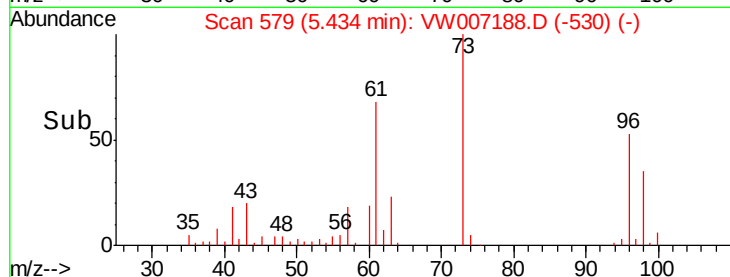
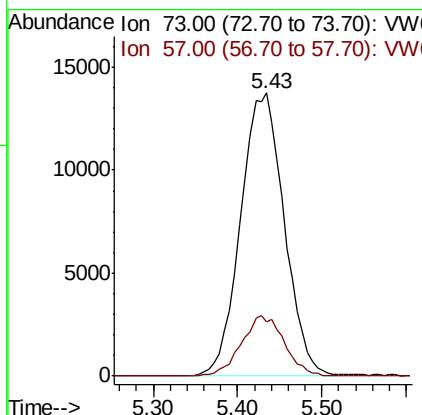
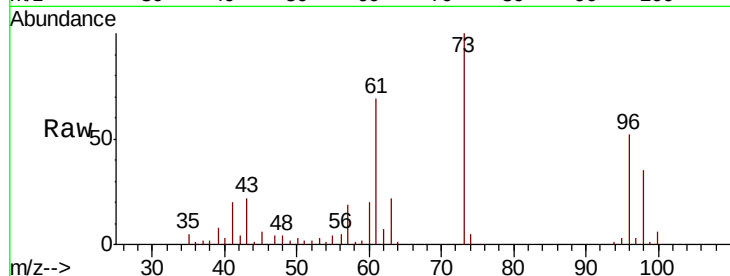




#19
Methyl tert-butyl Ether
Concen: 20.116 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

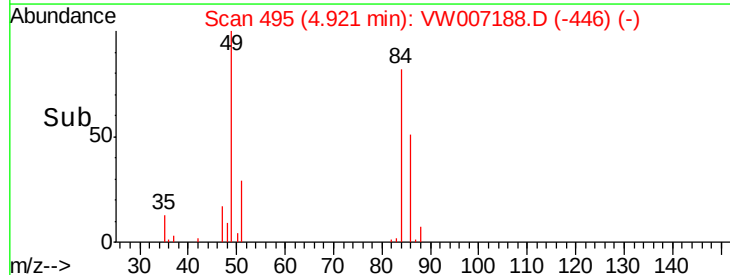
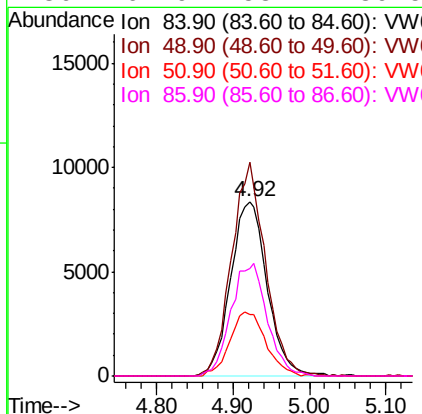
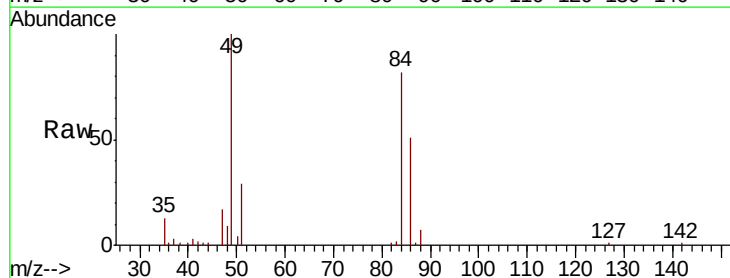
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

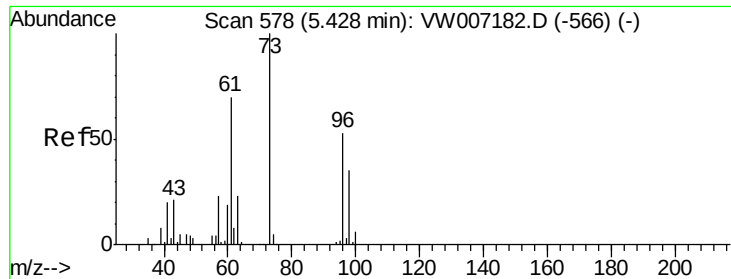
Tot Ion: 73 Resp: 48360
Ion Ratio Lower Upper
73 100
57 19.0 16.6 25.0



#20
Methylene Chloride
Concen: 20.207 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 84 Resp: 27598
Ion Ratio Lower Upper
84 100
49 122.6 90.6 135.8
51 35.1 27.6 41.4
86 61.9 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.154 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampled :

VW1204SBS01

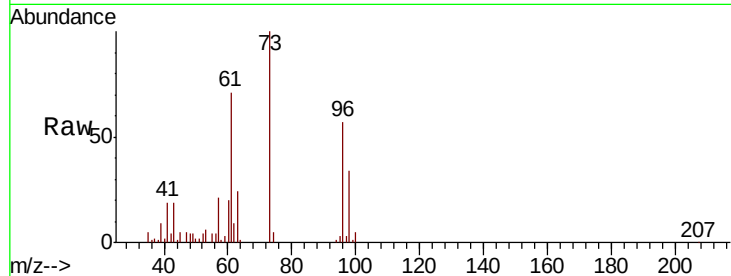
Tot Ion: 96 Resp: 22979

Ion Ratio Lower Upper

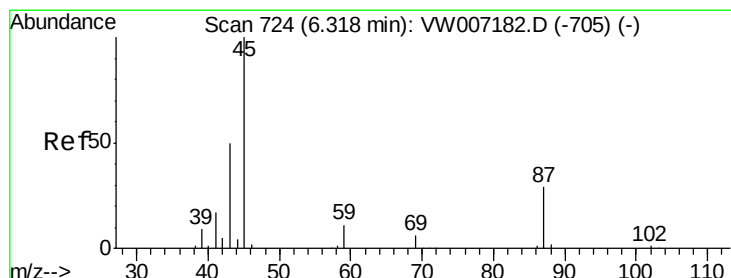
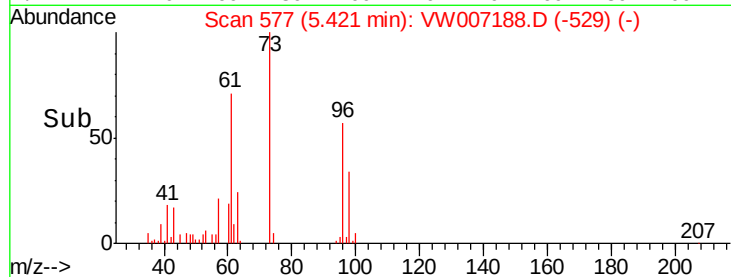
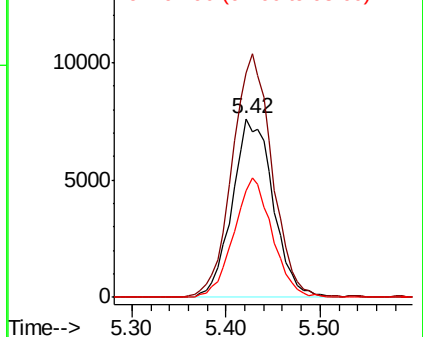
96 100

61 124.4 105.5 158.3

98 59.7 52.6 79.0



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: 20.420 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion: 45 Resp: 59998

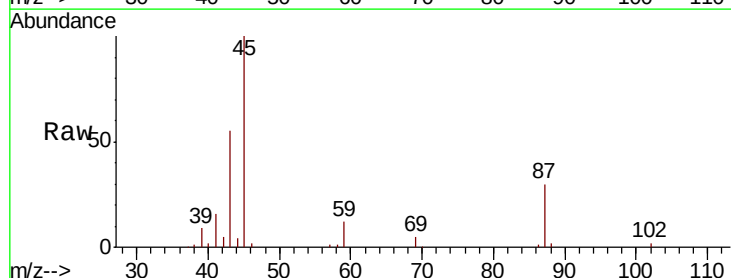
Ion Ratio Lower Upper

45 100

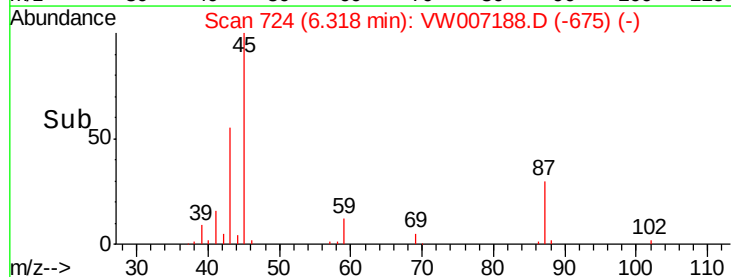
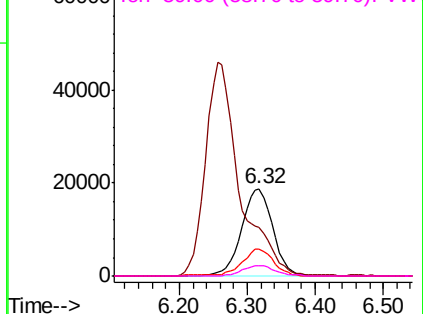
43 54.7 40.8 61.2

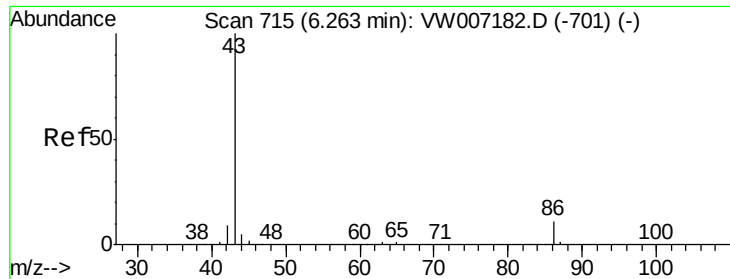
87 30.1 24.0 36.0

59 12.0 9.1 13.7



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: 100.072 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

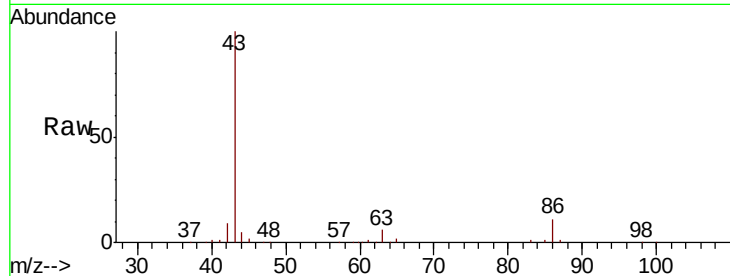
VW1204SBS01

Tot Ion: 43 Resp: 160436

Ion Ratio Lower Upper

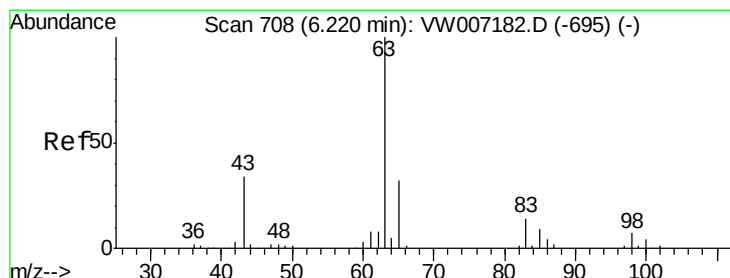
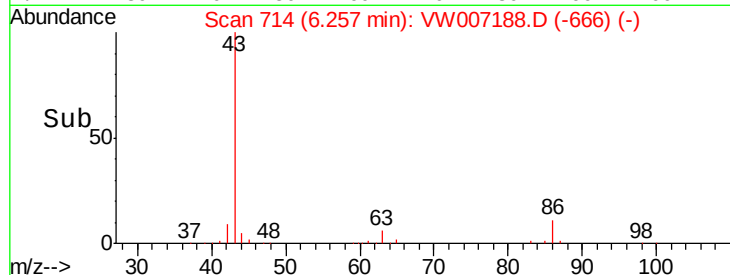
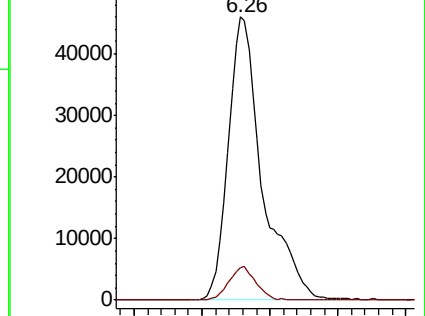
43 100

86 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.568 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

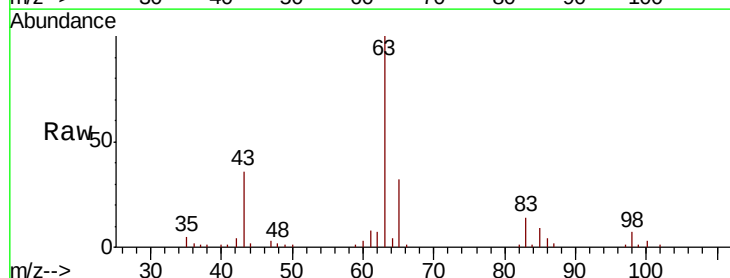
Tgt Ion: 63 Resp: 38734

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

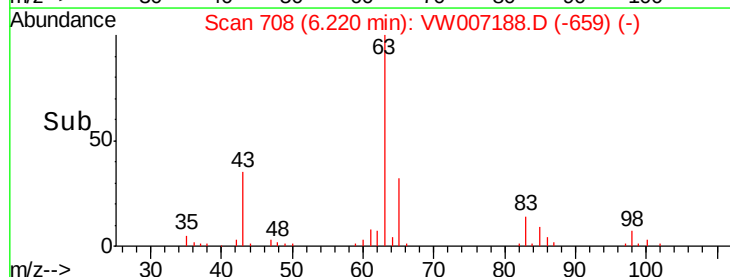
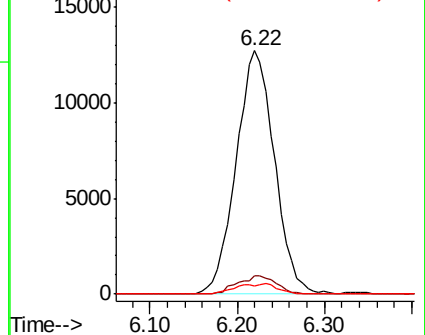
100 3.4 2.1 6.2

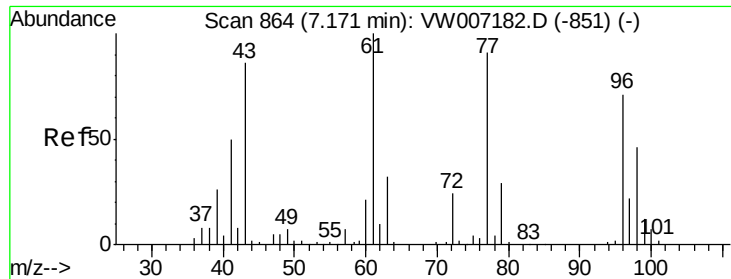


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

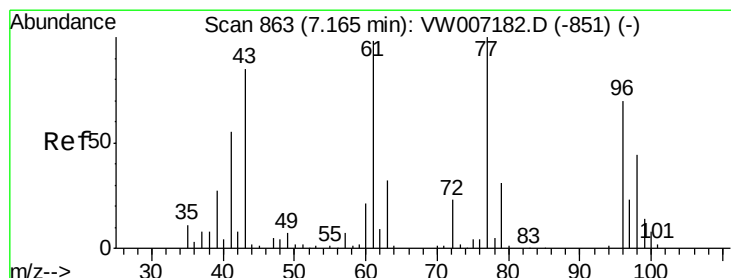
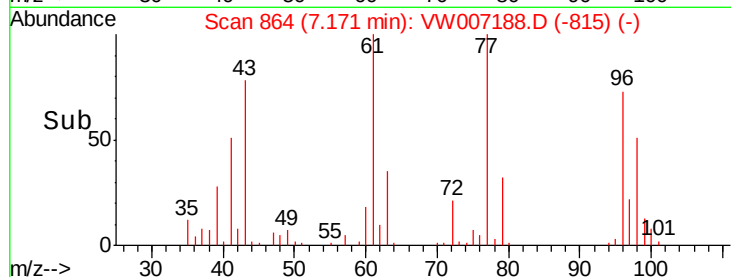
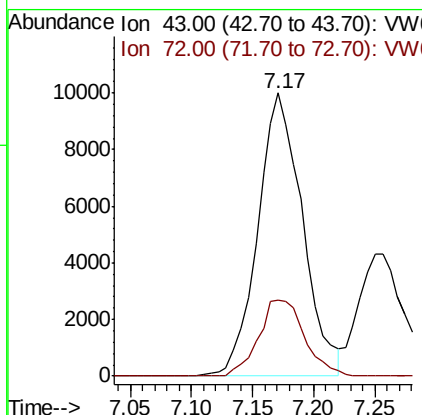
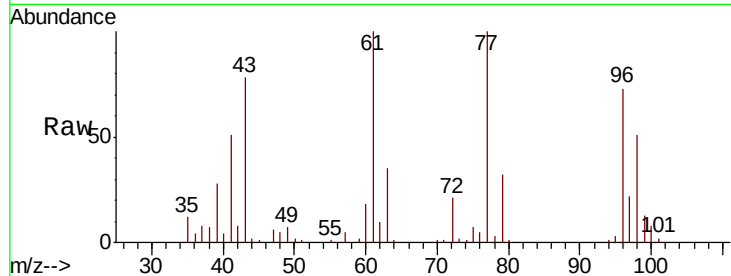




#25
2-Butanone
Concen: 93.421 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

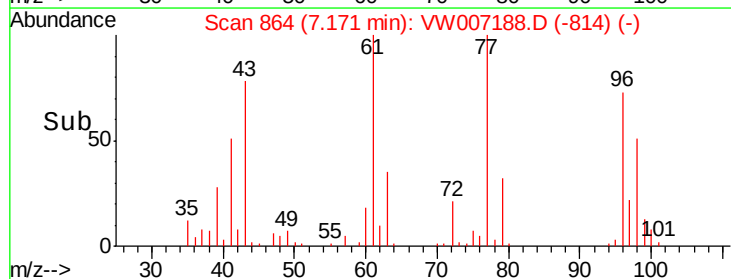
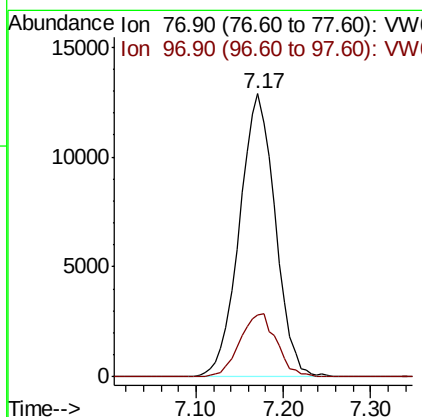
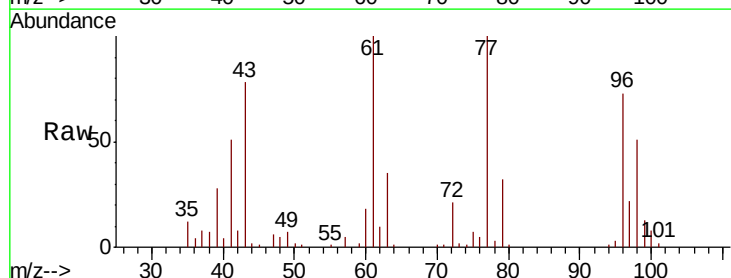
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

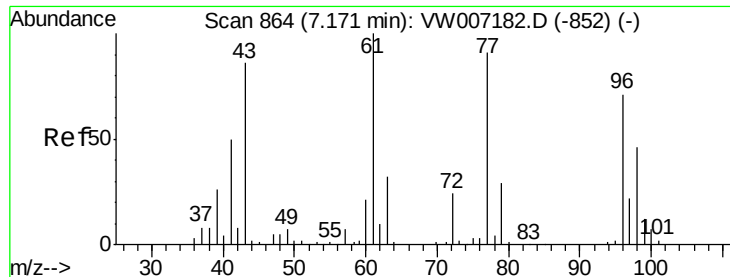
Tot Ion: 43 Resp: 25455
Ion Ratio Lower Upper
43 100
72 26.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 20.194 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 77 Resp: 36545
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4

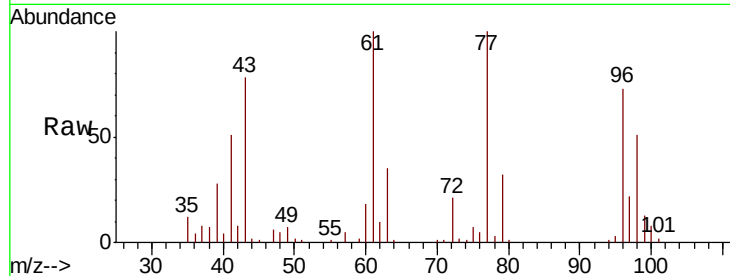




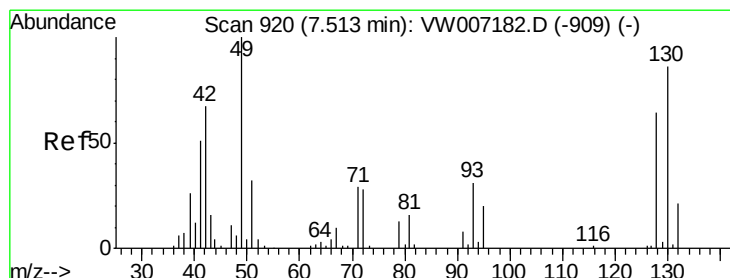
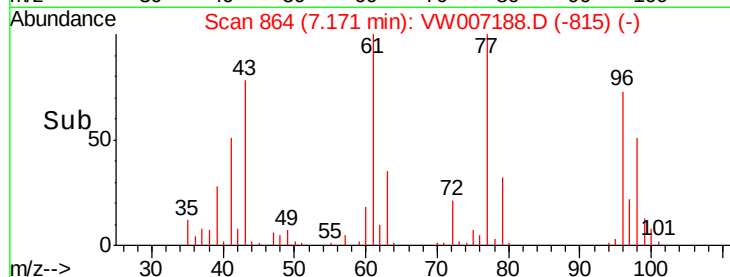
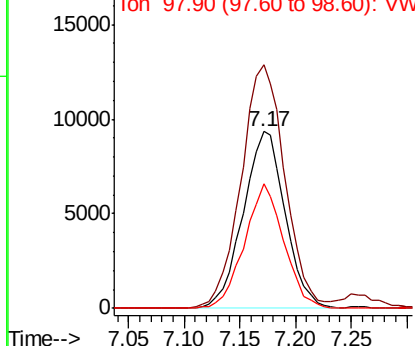
#27
 cis-1,2-Dichloroethene
 Concen: 20.099 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tot Ion: 96 Resp: 24566
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 282.4
 98 65.8 0.0 129.8

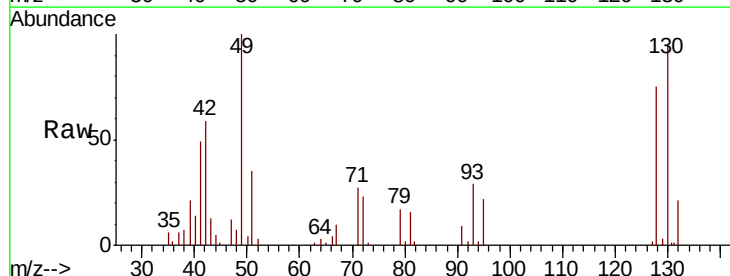


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

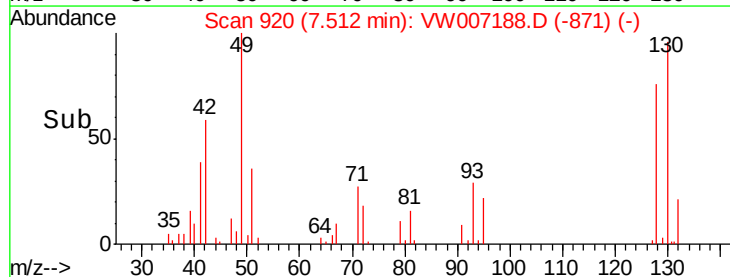
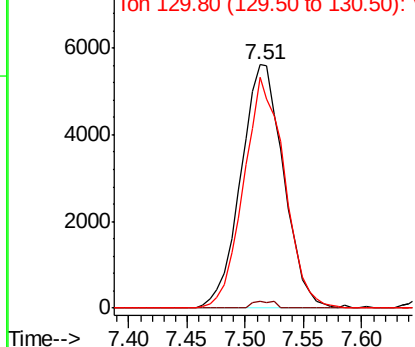


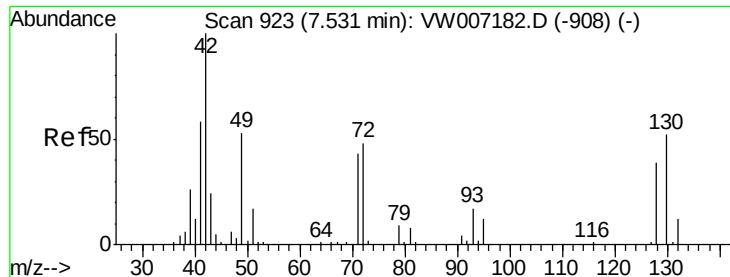
#28
 Bromochloromethane
 Concen: 21.106 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 49 Resp: 14332
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 90.4 70.3 105.5



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: 98.326 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

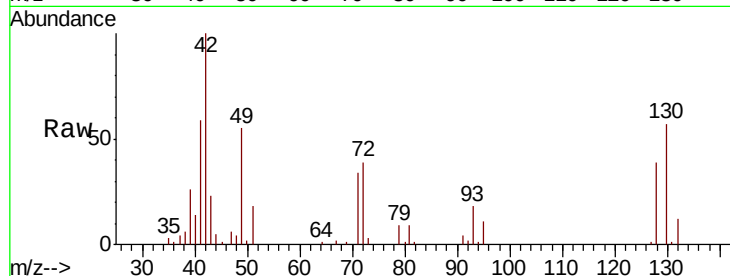
Tot Ion: 42 Resp: 16556

Ion Ratio Lower Upper

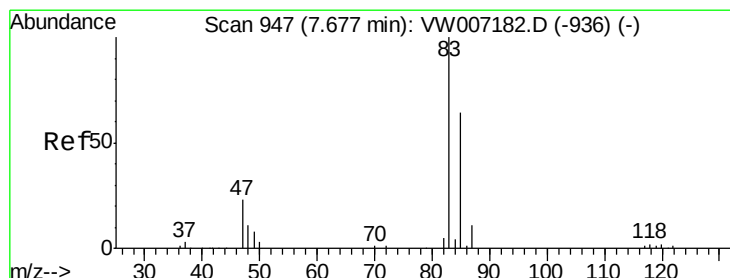
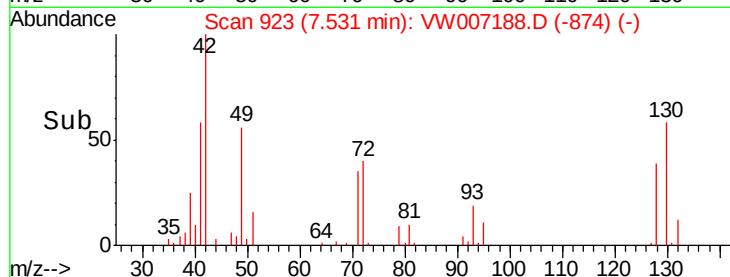
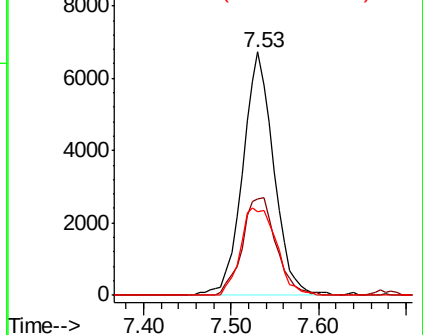
42 100

72 43.8 36.6 55.0

71 41.6 34.8 52.2



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



#30

Chloroform

Concen: 20.025 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW007188.D

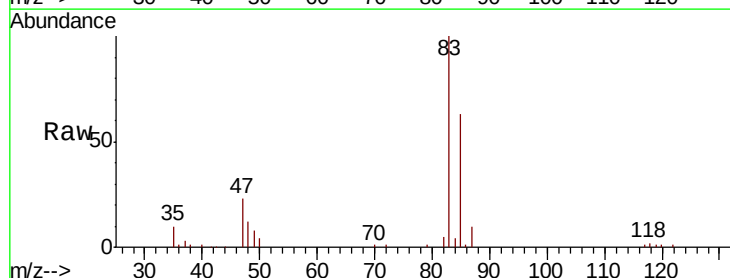
Acq: 04 Dec 2018 15:39

Tgt Ion: 83 Resp: 39192

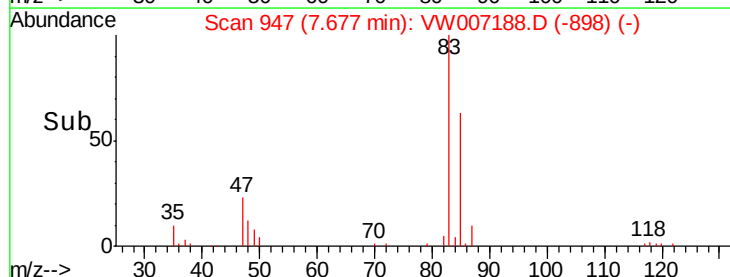
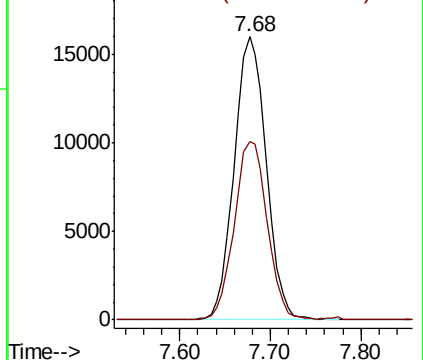
Ion Ratio Lower Upper

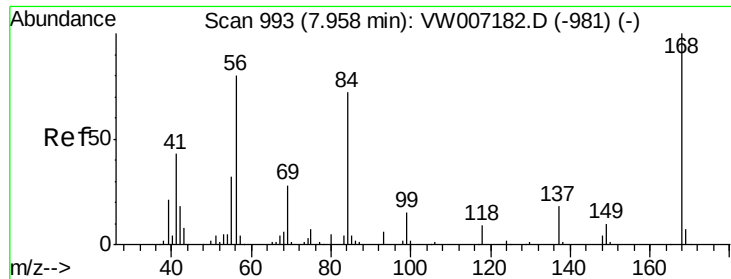
83 100

85 63.2 51.5 77.3



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

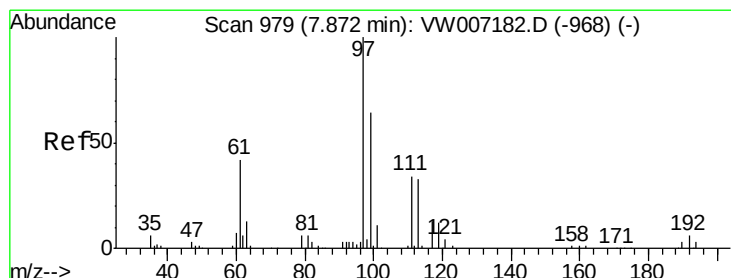
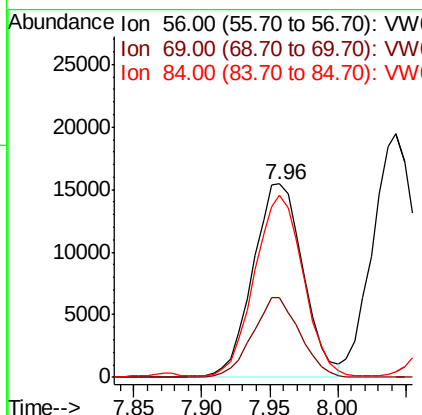
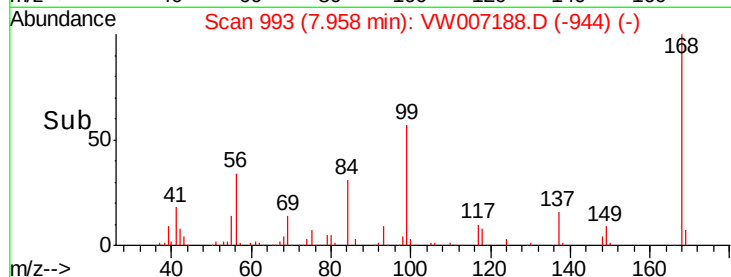
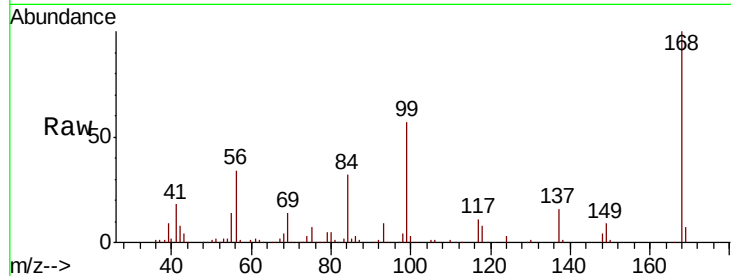




#31
Cyclohexane
Concen: 20.257 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

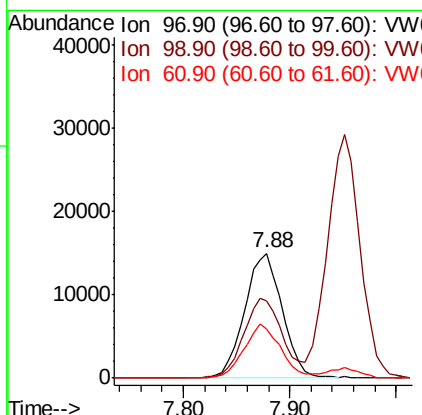
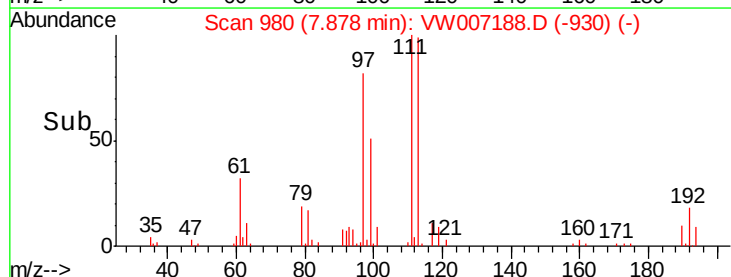
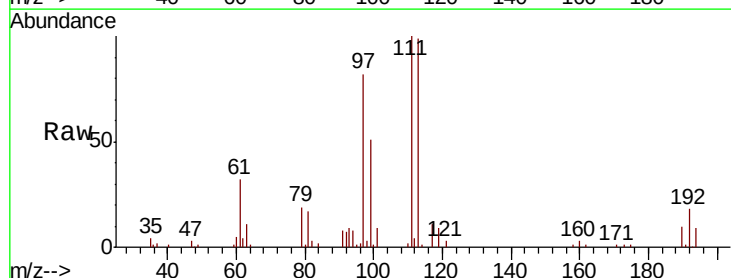
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

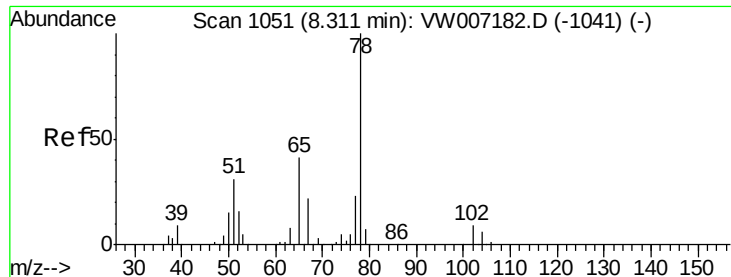
Tot Ion: 56 Resp: 39914
Ion Ratio Lower Upper
56 100
69 40.9 28.2 42.2
84 92.9 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 20.139 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 97 Resp: 37093
Ion Ratio Lower Upper
97 100
99 66.5 51.3 76.9
61 42.0 33.2 49.8

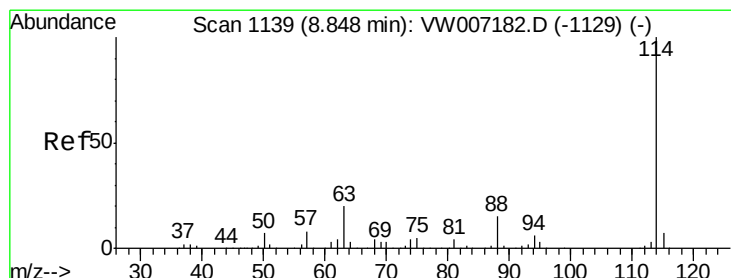
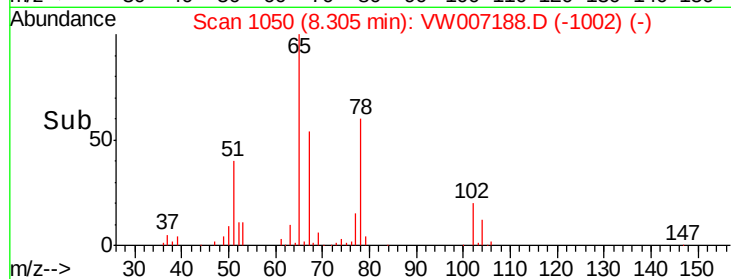
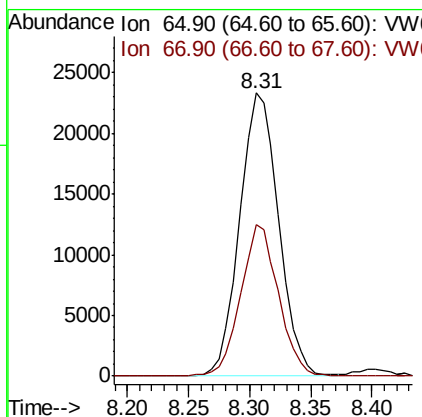
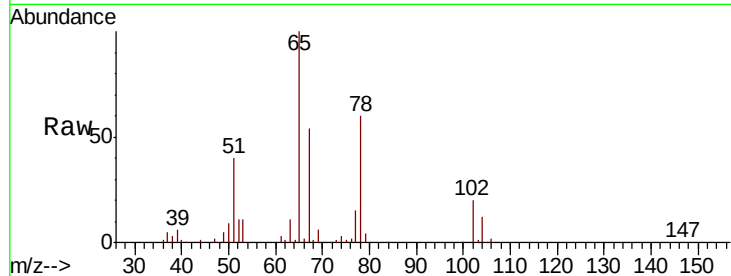




#33
 1,2-Dichloroethane-d4
 Concen: 51.979 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

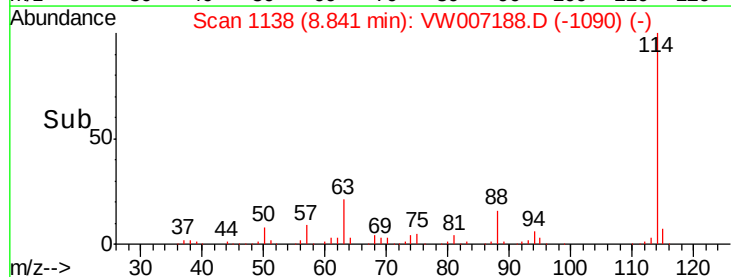
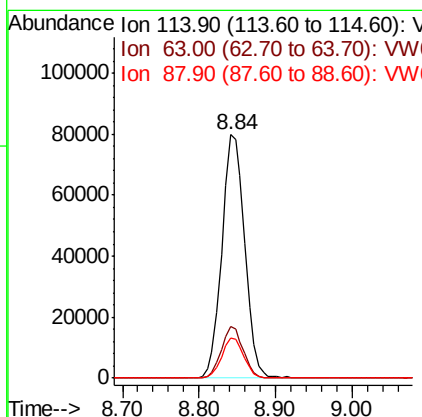
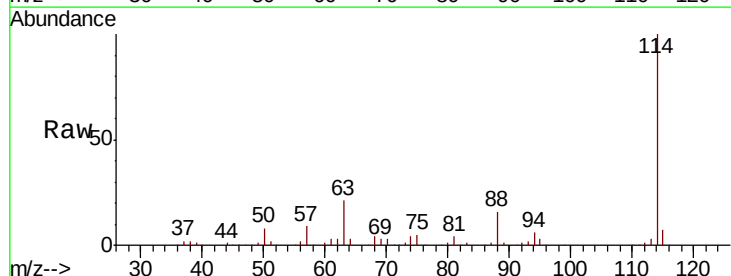
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

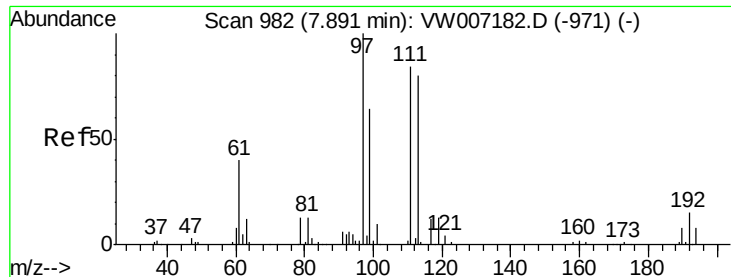
Tot Ion: 65 Resp: 51610
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 114 Resp: 164618
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 16.4 0.0 30.0

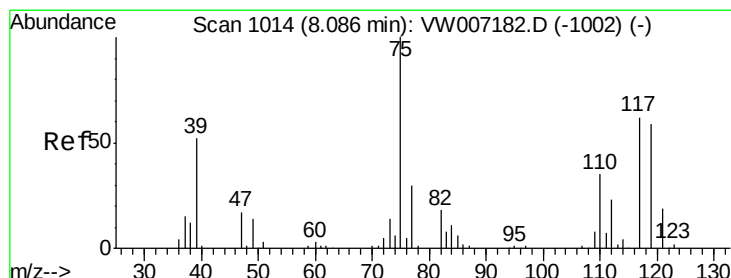
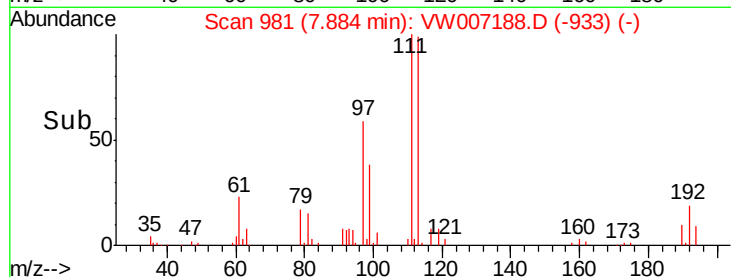
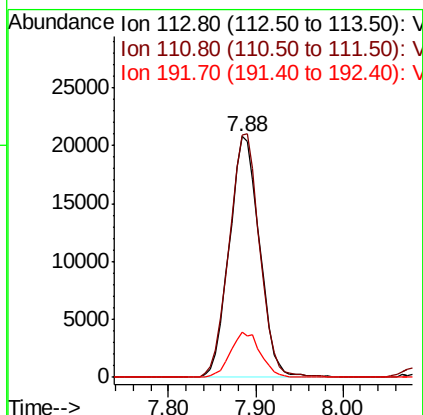
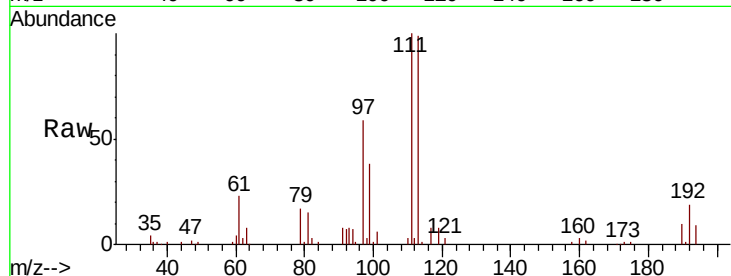




#35
 Dibromofluoromethane
 Concen: 53.030 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

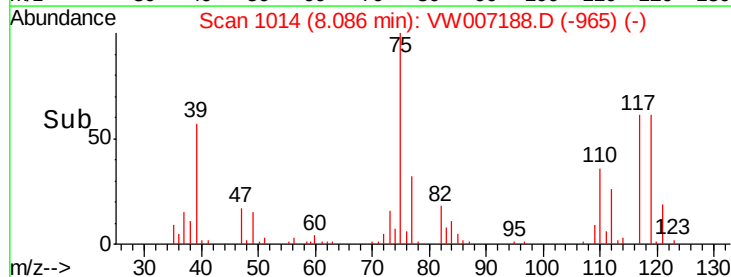
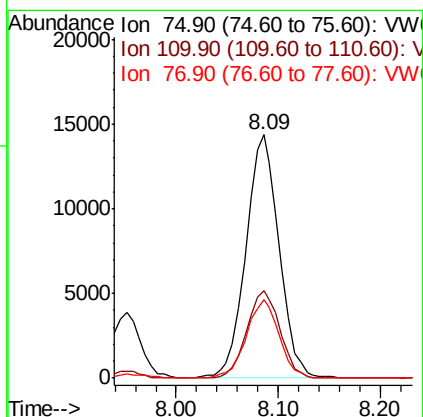
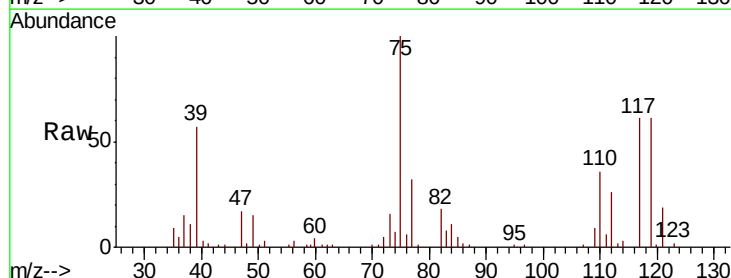
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

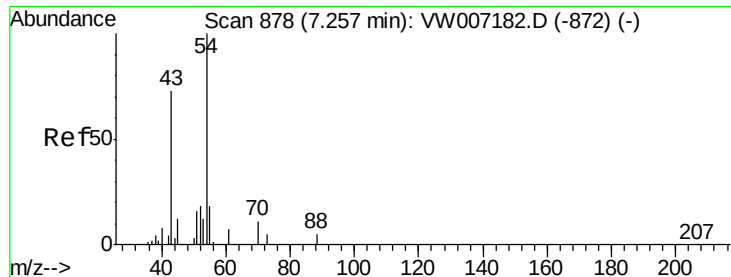
Tot Ion:113 Resp: 49986
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 18.3 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 20.307 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 75 Resp: 32527
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.3 54.9
 77 31.7 24.9 37.3

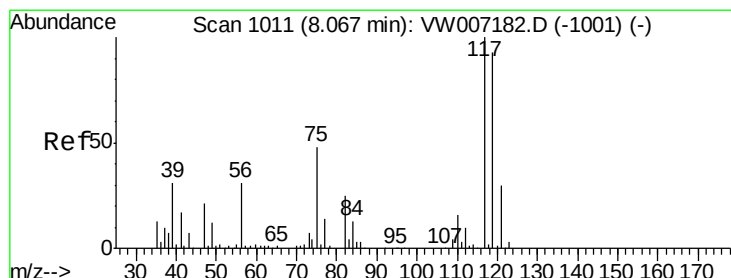
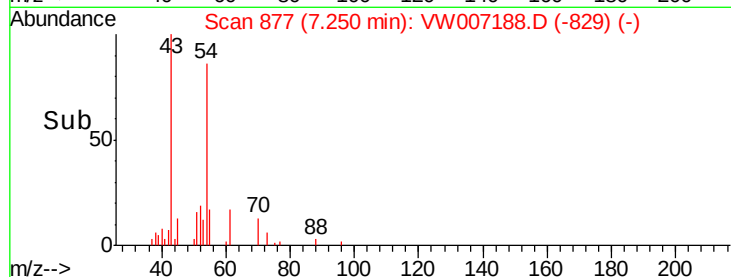
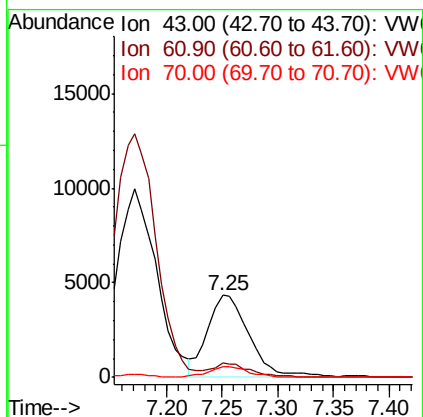
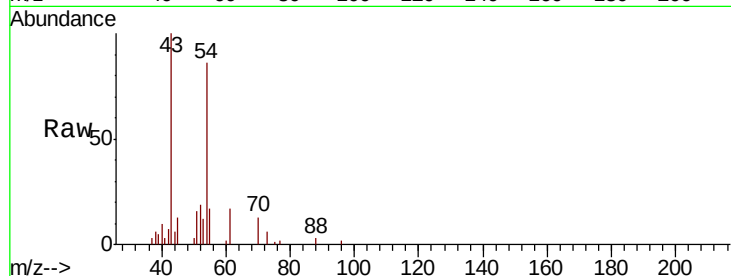




#37
Ethyl Acetate
Concen: 19.051 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

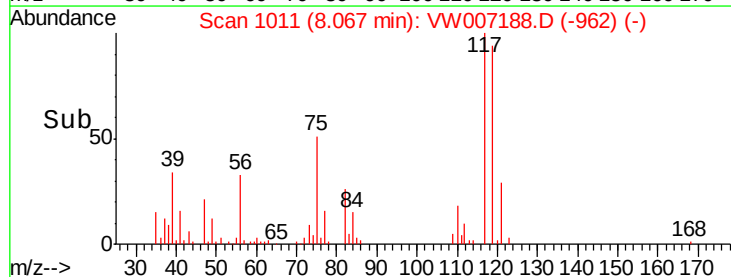
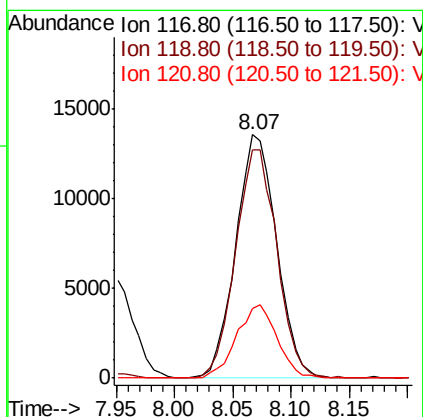
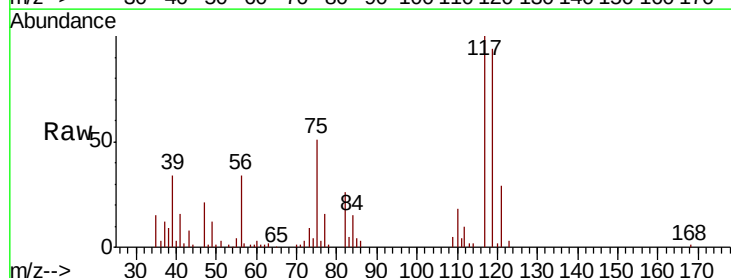
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

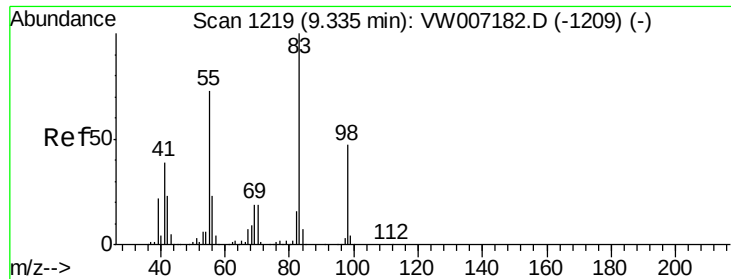
Tot Ion: 43 Resp: 11038
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 12.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.246 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 117 Resp: 33099
Ion Ratio Lower Upper
117 100
119 93.7 74.1 111.1
121 28.5 23.9 35.9

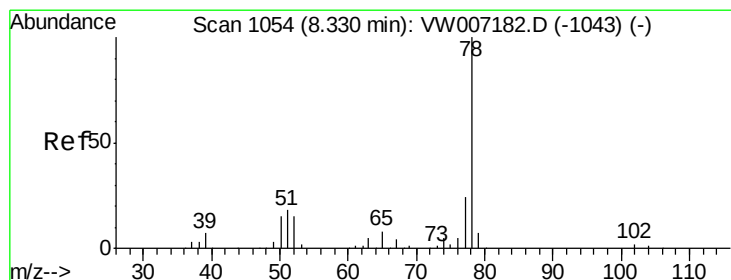
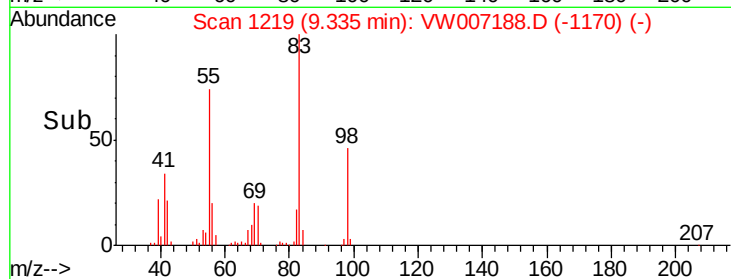
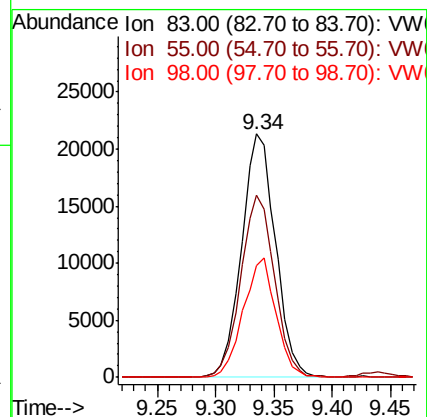
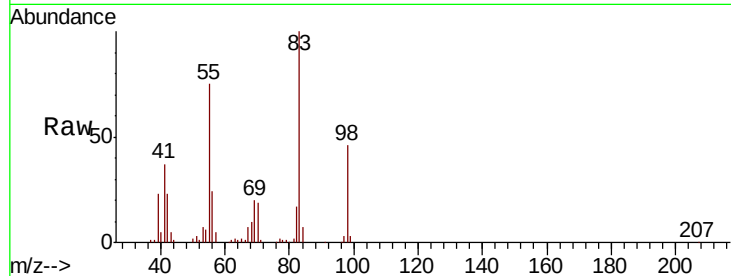




#39
Methylvlcyclohexane
Concen: 20.173 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

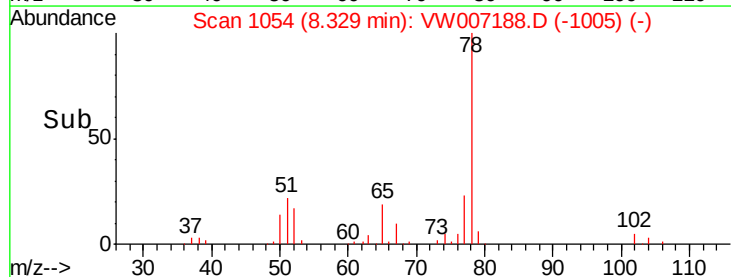
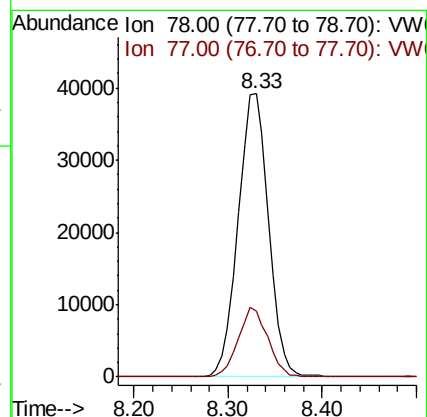
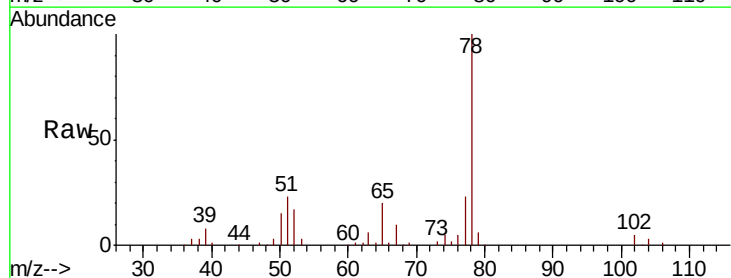
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

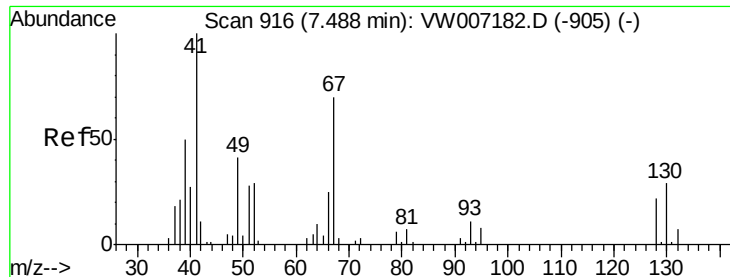
Tot Ion: 83 Resp: 43256
Ion Ratio Lower Upper
83 100
55 74.8 58.1 87.1
98 45.9 37.3 55.9



#40
Benzene
Concen: 20.124 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 78 Resp: 88391
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3





#41

Methacrylonitrile

Concen: 20.657 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

Tot Ion: 41 Resp: 7169

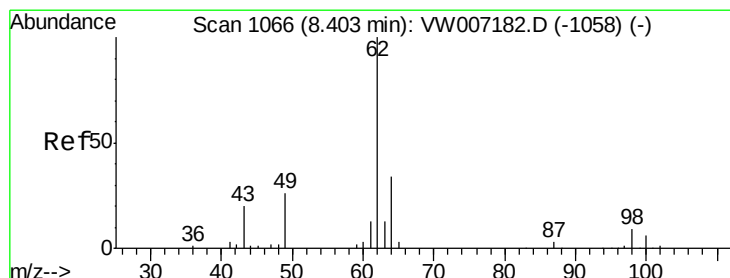
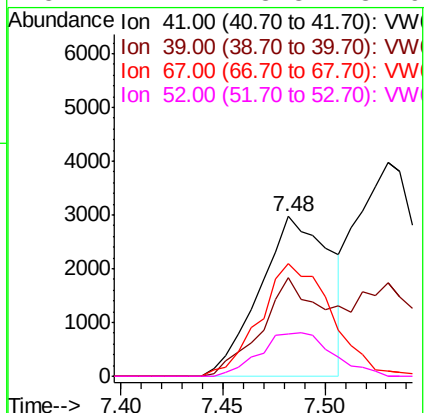
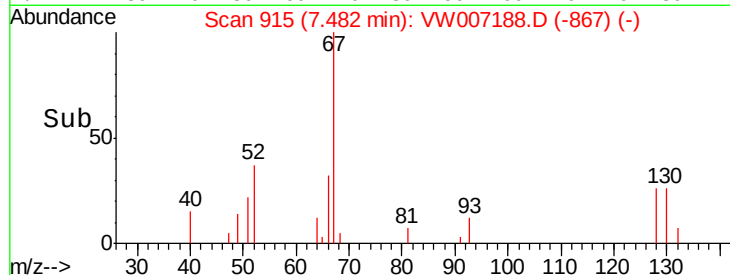
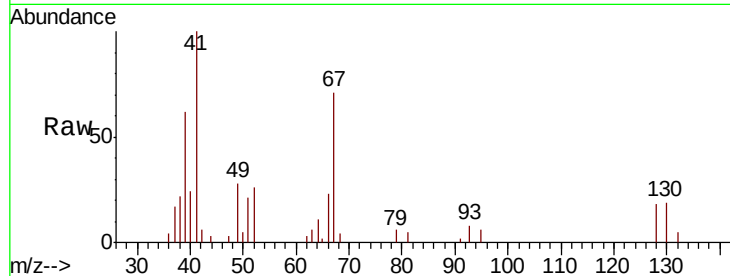
Ion Ratio Lower Upper

41 100

39 49.0 43.4 65.0

67 71.6 57.4 86.0

52 27.7 23.3 34.9



#42

1,2-Dichloroethane

Concen: 19.932 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007188.D

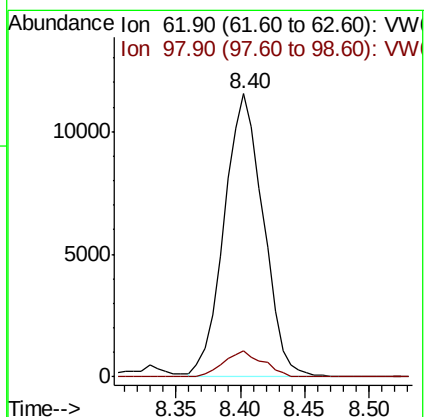
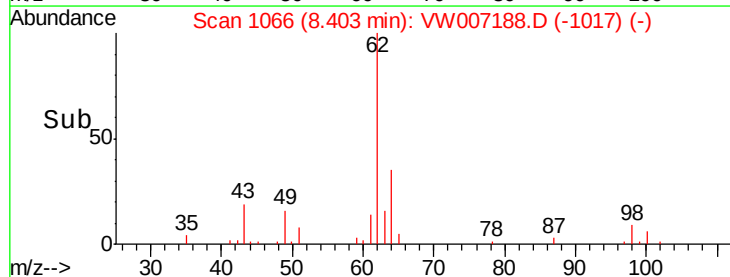
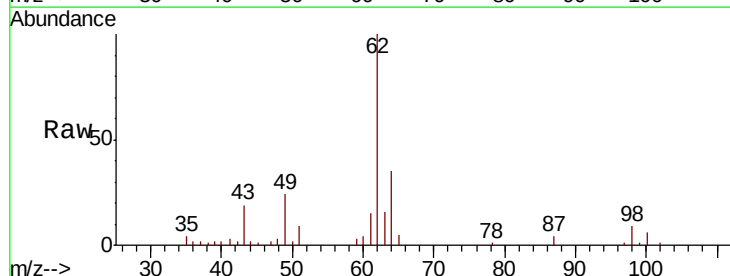
Acq: 04 Dec 2018 15:39

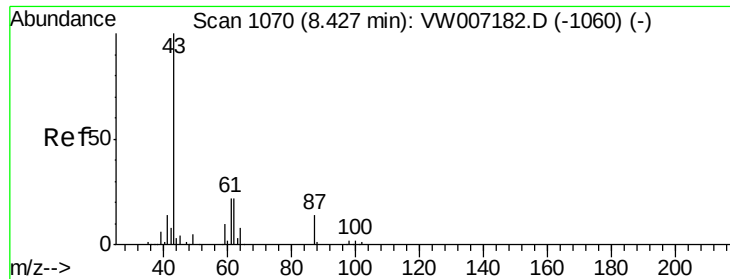
Tgt Ion: 62 Resp: 24467

Ion Ratio Lower Upper

62 100

98 9.1 0.0 17.8





#43

Isopropyl Acetate

Concen: 19.704 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

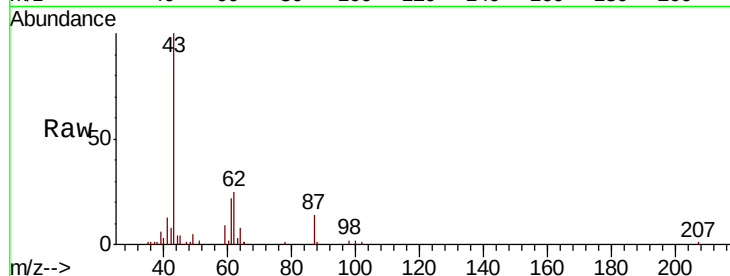
Tot Ion: 43 Resp: 22173

Ion Ratio Lower Upper

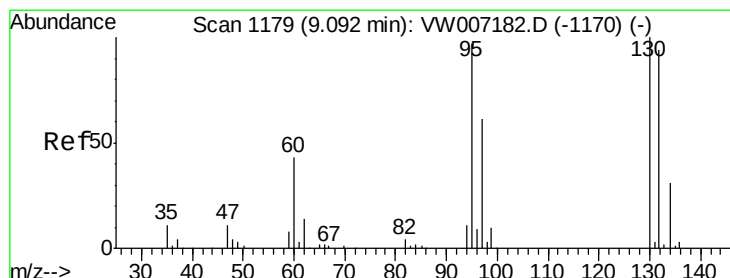
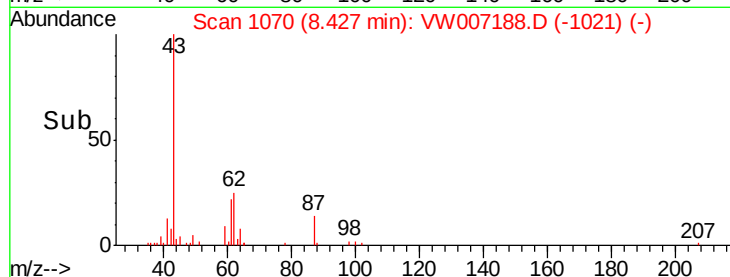
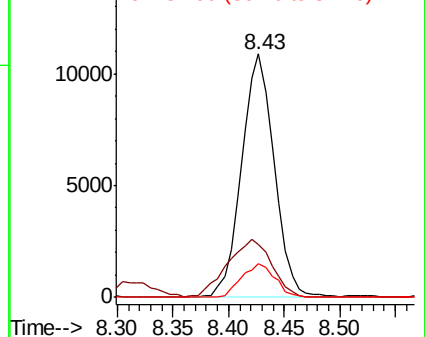
43 100

61 32.2 25.4 38.0

87 14.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.448 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007188.D

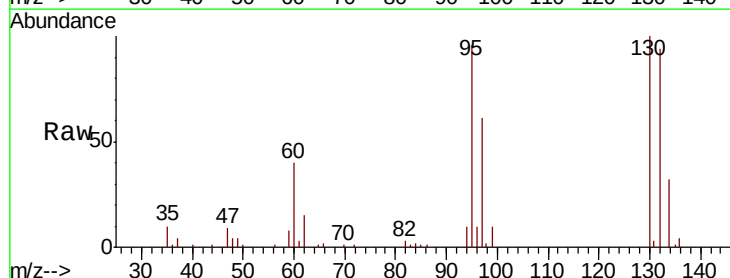
Acq: 04 Dec 2018 15:39

Tgt Ion:130 Resp: 25245

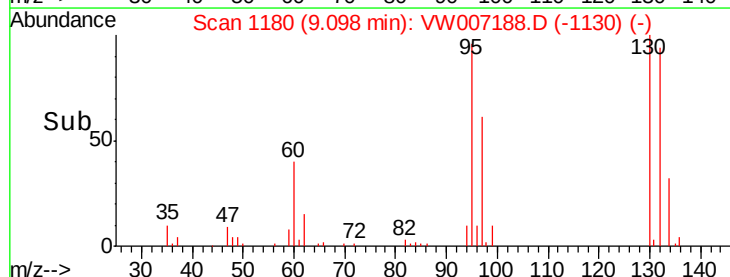
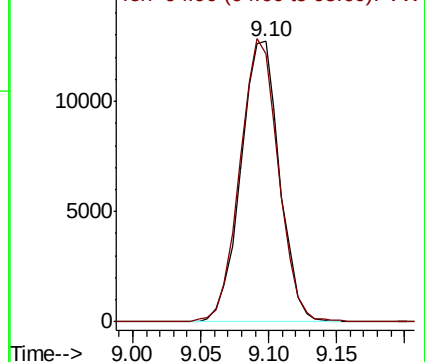
Ion Ratio Lower Upper

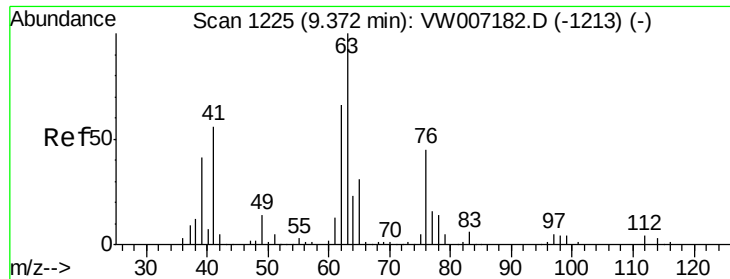
130 100

95 95.5 0.0 194.0



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





#45

1,2-Dichloropropane

Concen: 20.296 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

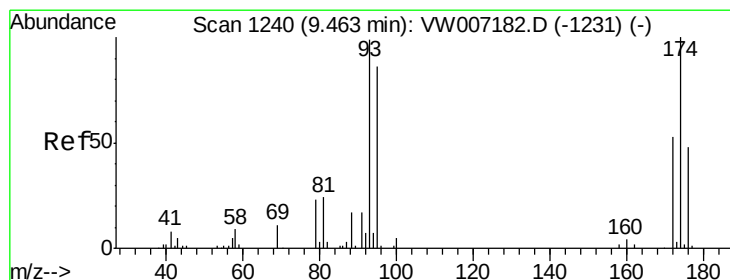
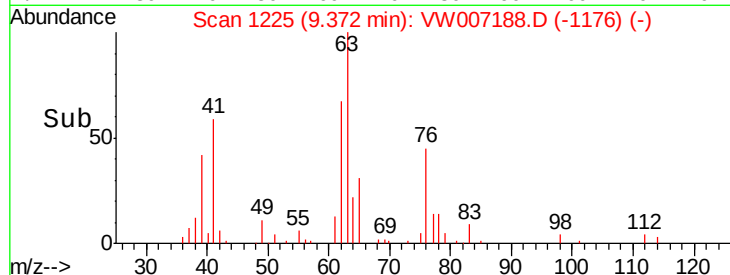
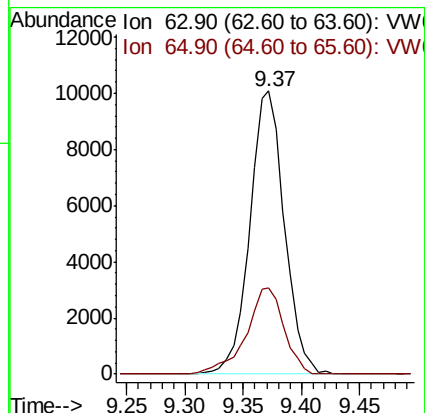
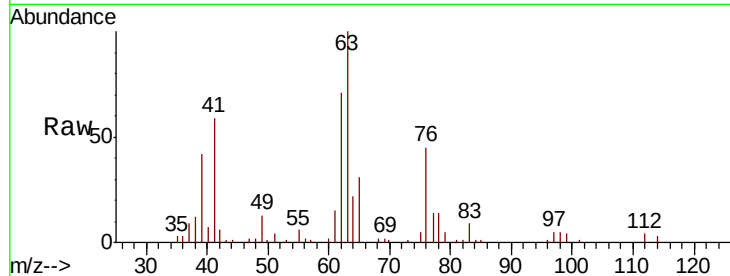
VW1204SBS01

Tot Ion: 63 Resp: 20745

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#46

Dibromomethane

Concen: 20.011 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

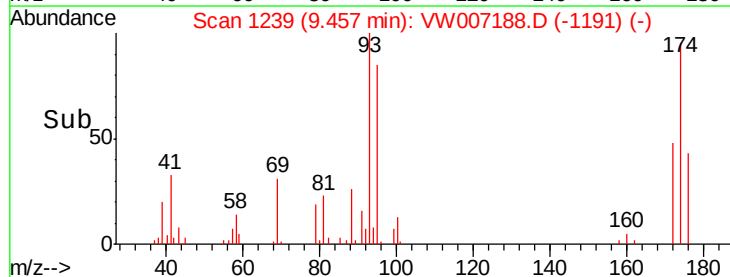
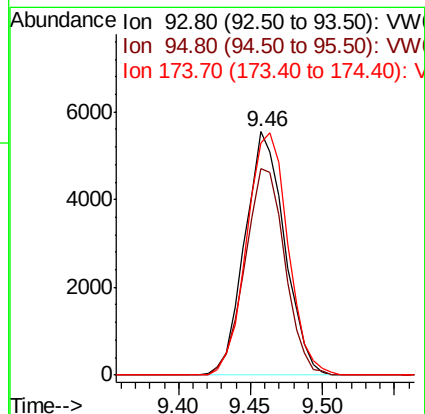
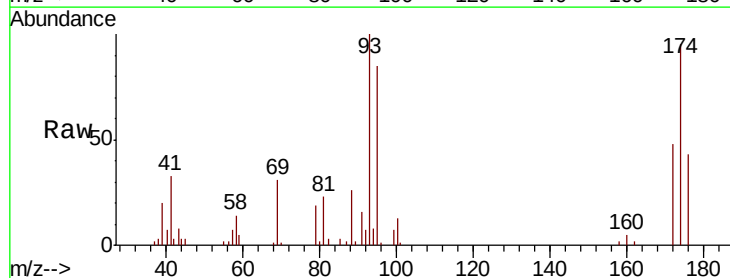
Tgt Ion: 93 Resp: 10628

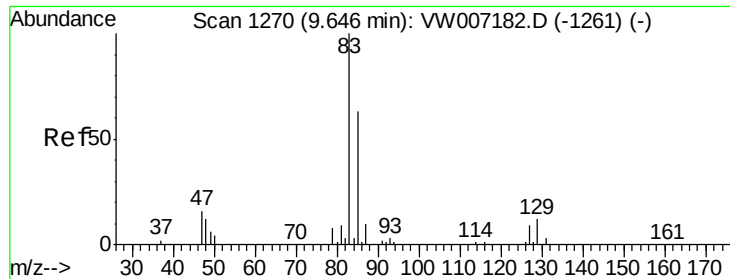
Ion Ratio Lower Upper

93 100

95 84.8 68.7 103.1

174 102.7 82.9 124.3





#47

Bromodichloromethane

Concen: 20.343 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

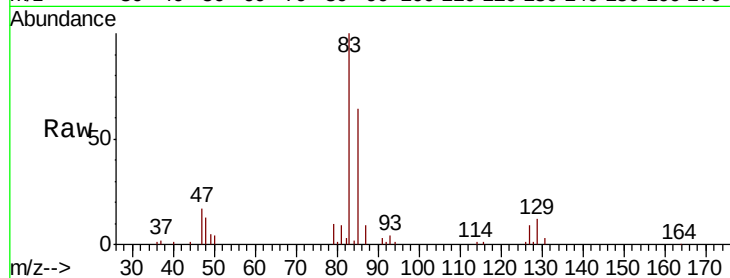
Tot Ion: 83 Resp: 28420

Ion Ratio Lower Upper

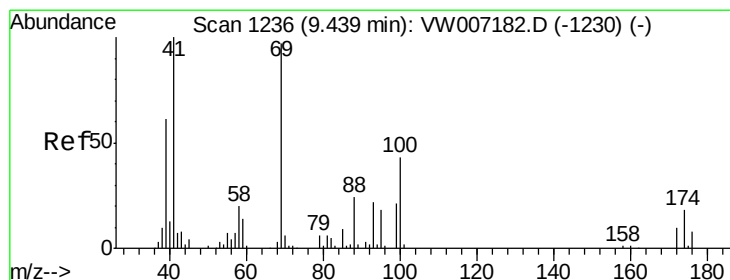
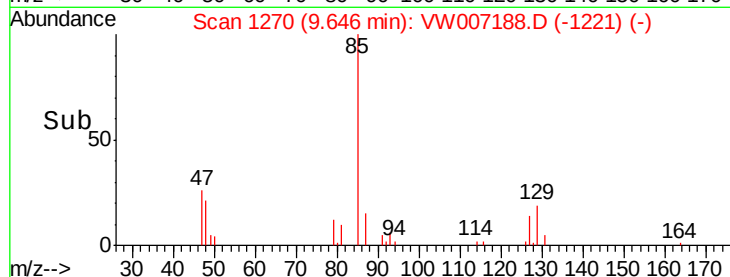
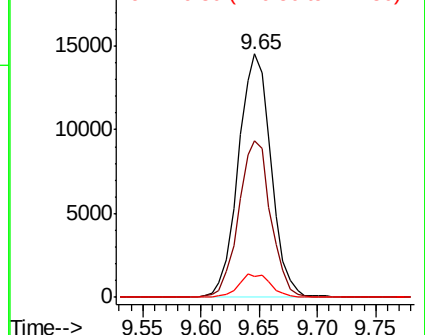
83 100

85 64.2 50.6 76.0

127 8.8 7.3 10.9



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



#48

Methyl methacrylate

Concen: 20.612 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

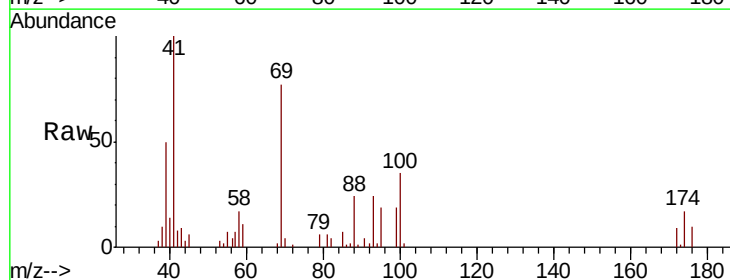
Tgt Ion: 41 Resp: 12038

Ion Ratio Lower Upper

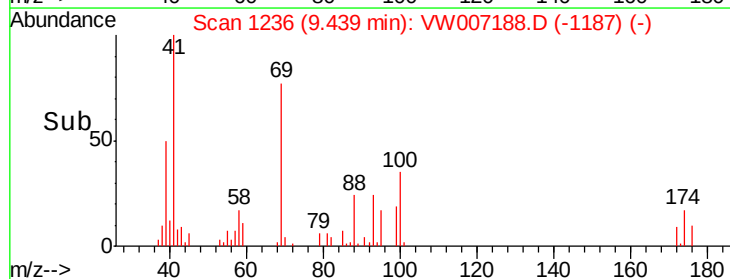
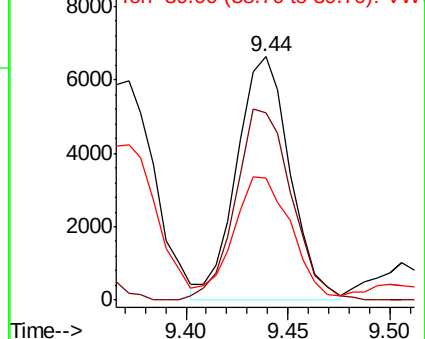
41 100

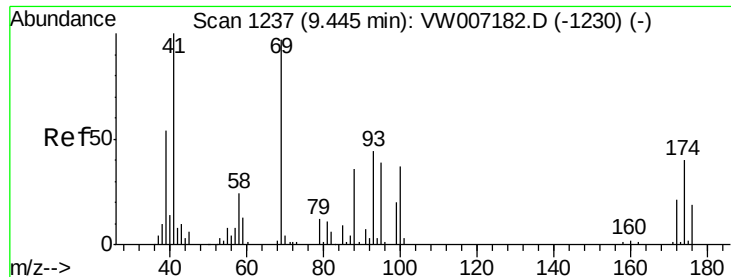
69 82.3 69.6 104.4

39 50.8 42.4 63.6



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

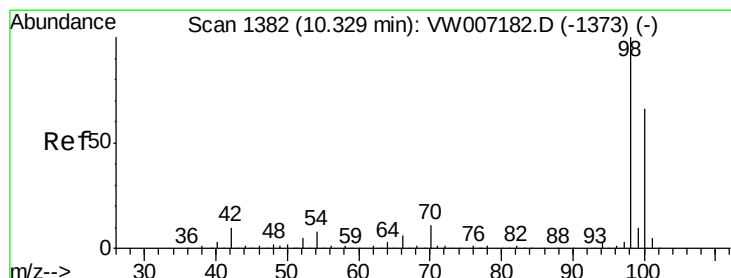
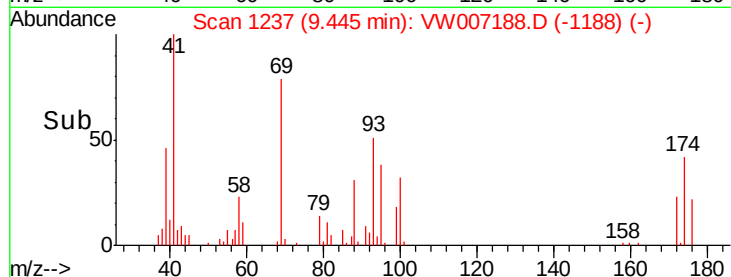
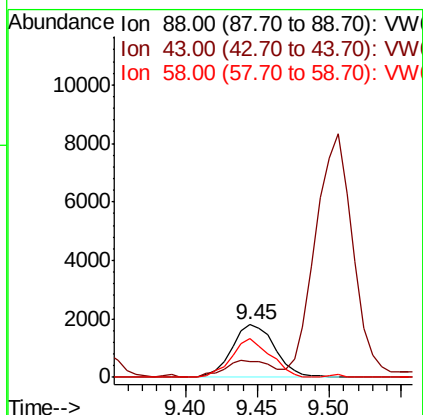
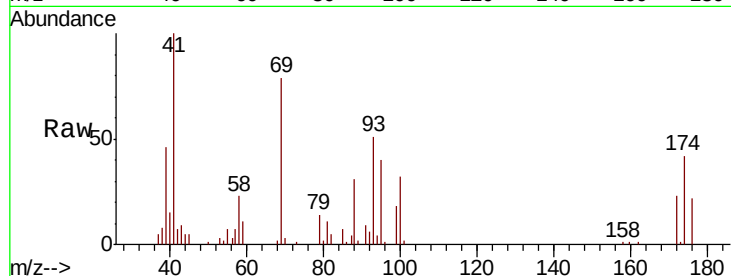




#49
1,4-Dioxane
Concen: 407.413 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

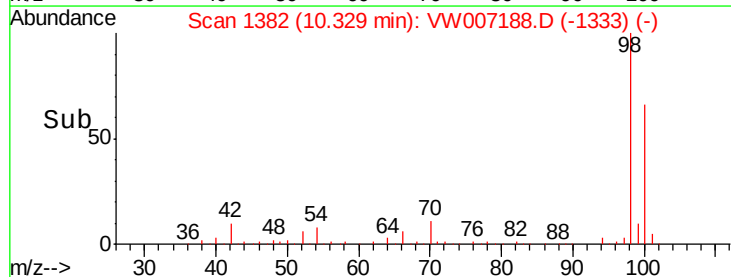
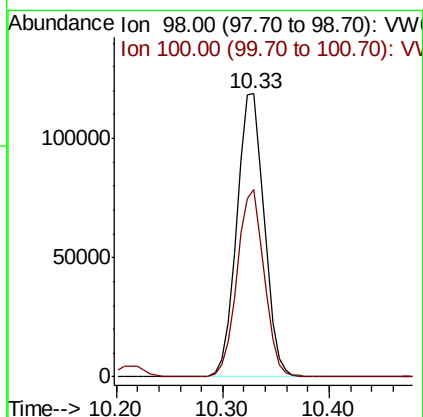
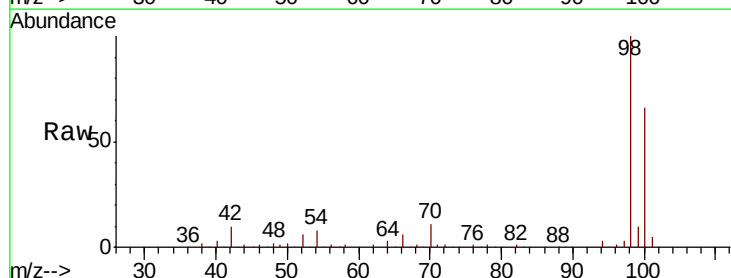
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

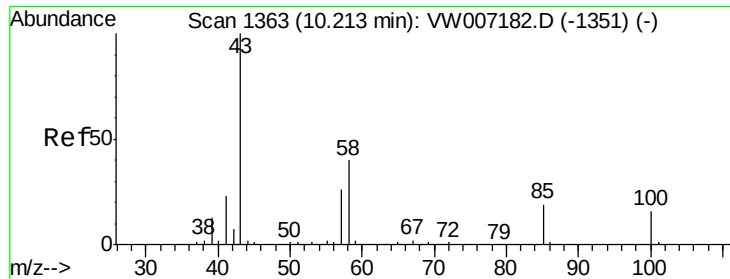
Tot Ion: 88 Resp: 3780
Ion Ratio Lower Upper
88 100
43 35.6 25.8 38.8
58 65.5 58.9 88.3



#50
Toluene-d8
Concen: 51.936 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 98 Resp: 215645
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 94.743 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

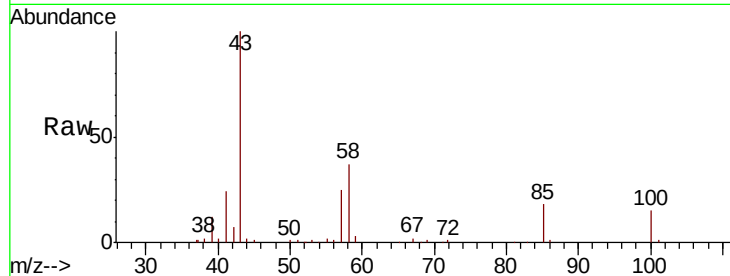
VW1204SBS01

Tot Ion: 43 Resp: 52540

Ion Ratio Lower Upper

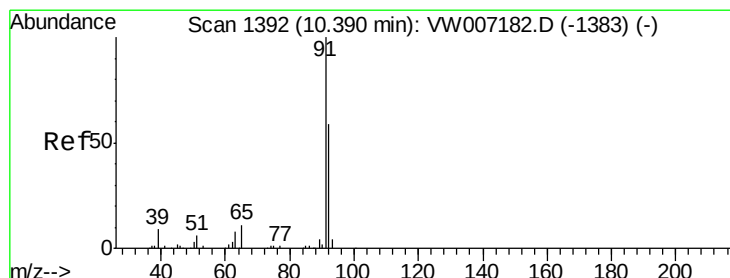
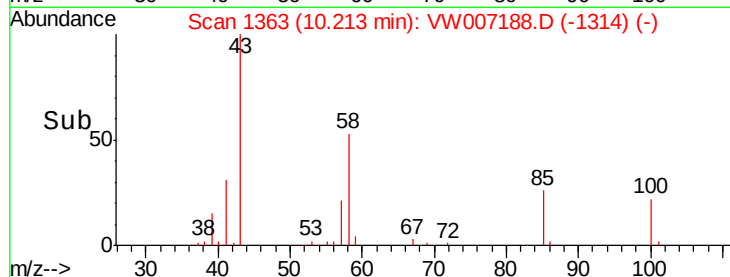
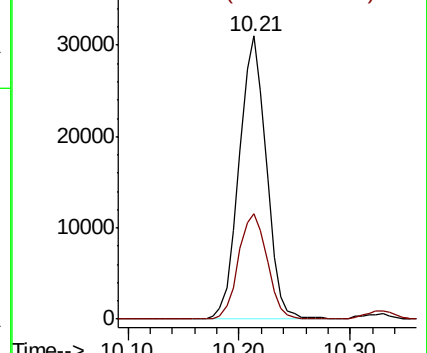
43 100

58 39.1 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.218 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007188.D

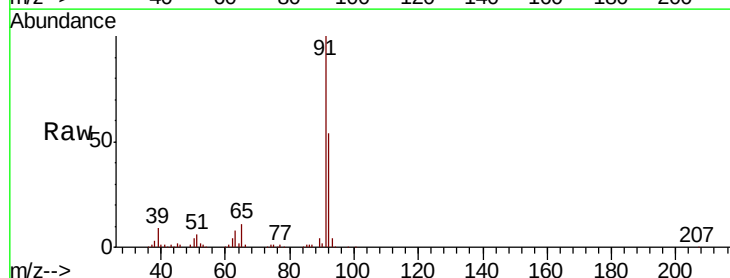
Acq: 04 Dec 2018 15:39

Tgt Ion: 92 Resp: 61773

Ion Ratio Lower Upper

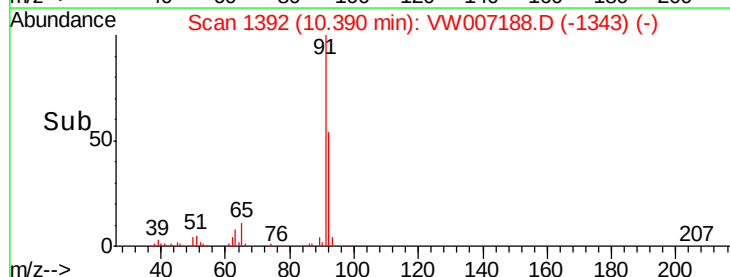
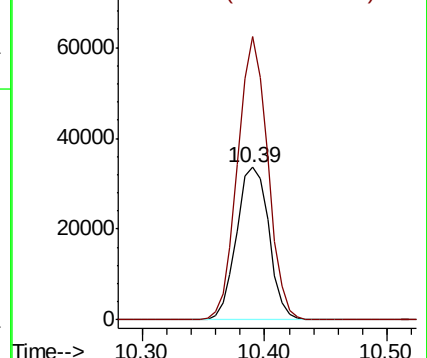
92 100

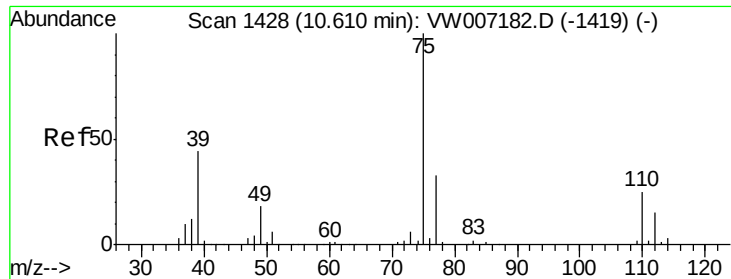
91 172.2 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

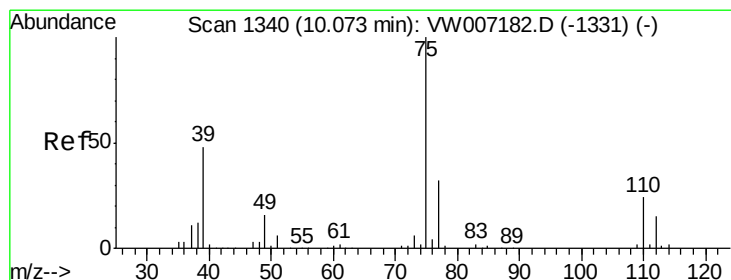
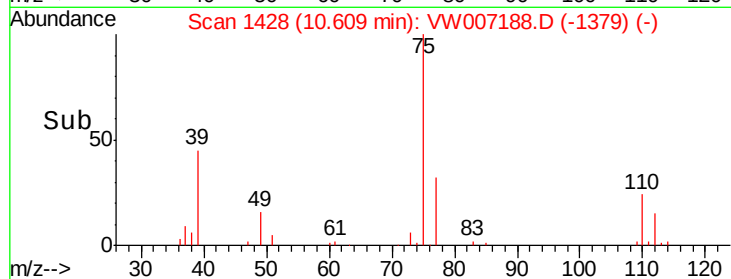
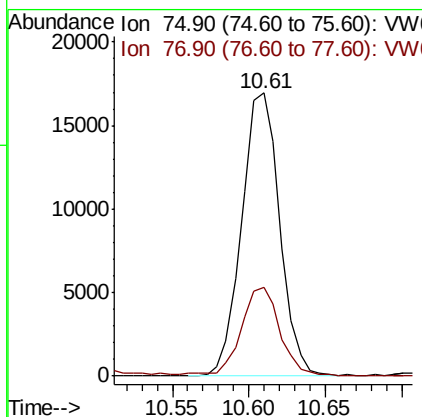
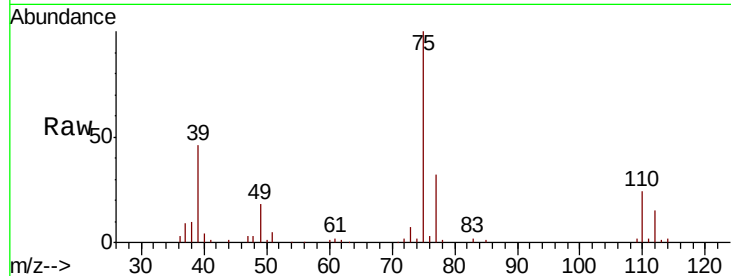




#53
 t-1,3-Dichloropropene
 Concen: 20.806 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

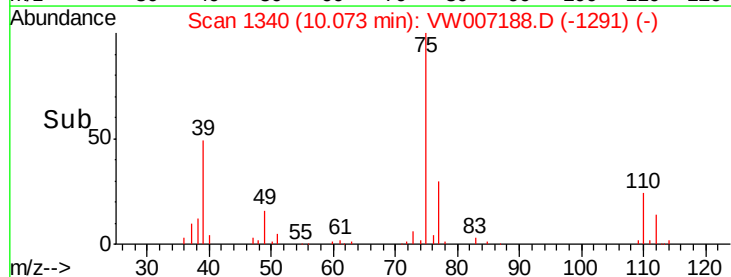
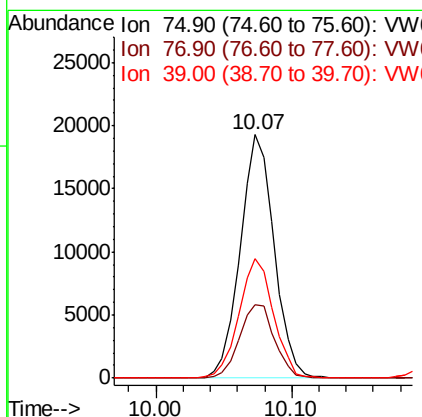
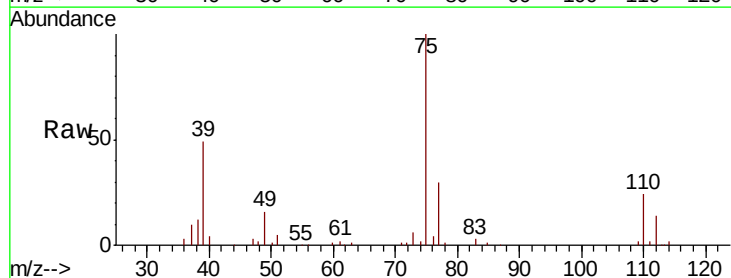
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

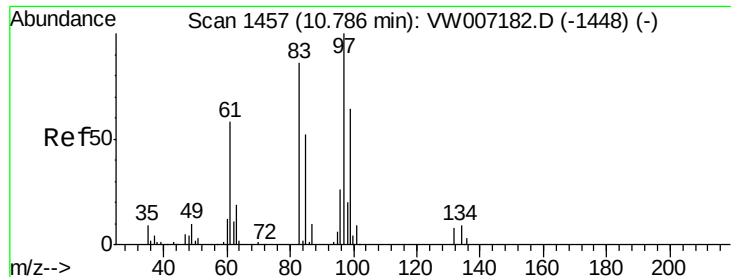
Tot Ion: 75 Resp: 29224
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.365 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 75 Resp: 33523
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.0 39.0
 39 49.1 38.0 57.0

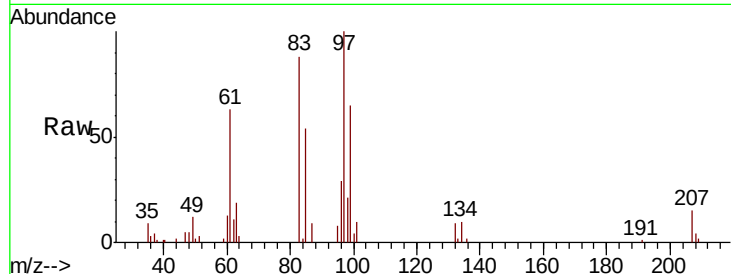




#55
 1,1,2-Trichloroethane
 Concen: 19.970 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tot Ion:	97	Resp:	15087
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.6	102.8
85	53.7	41.4	62.2
99	64.9	51.2	76.8



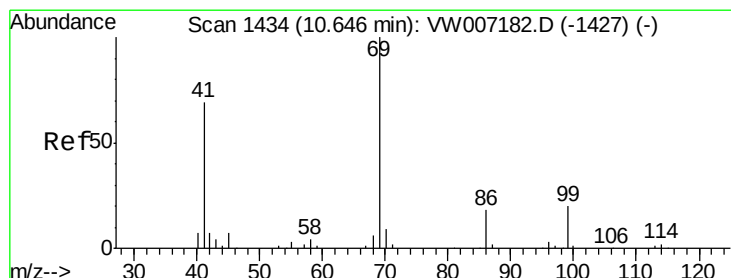
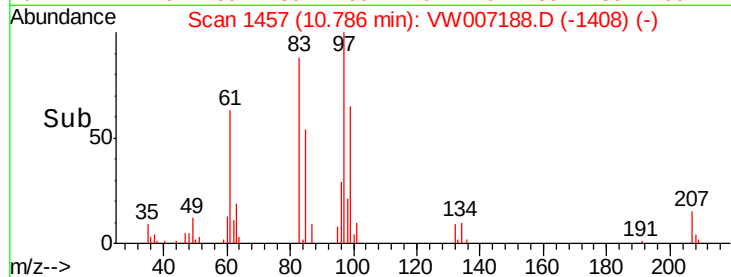
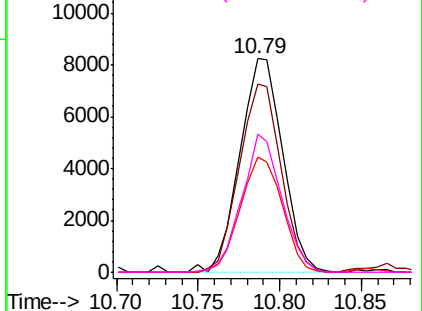
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

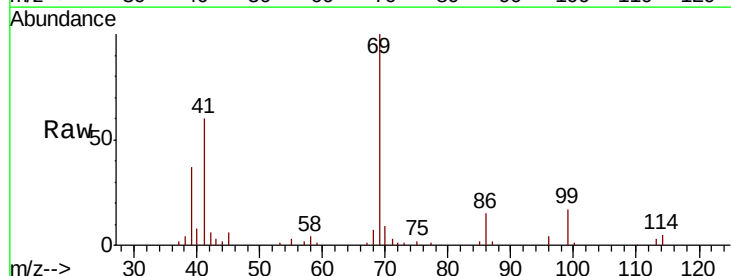
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 19.877 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion:	69	Resp:	19588
Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.8	77.6
39	34.2	28.7	43.1

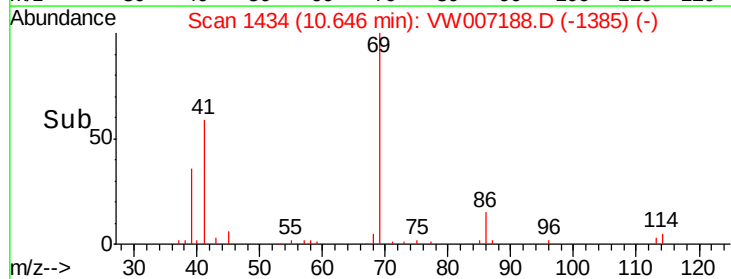
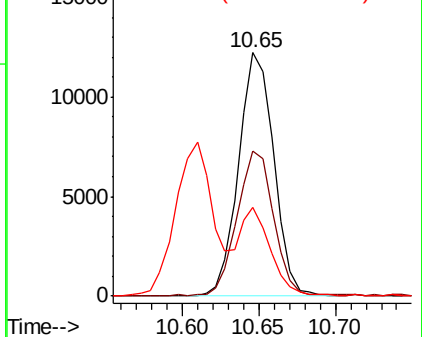


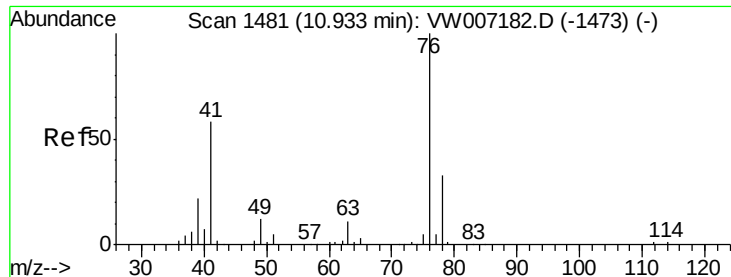
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 19.970 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

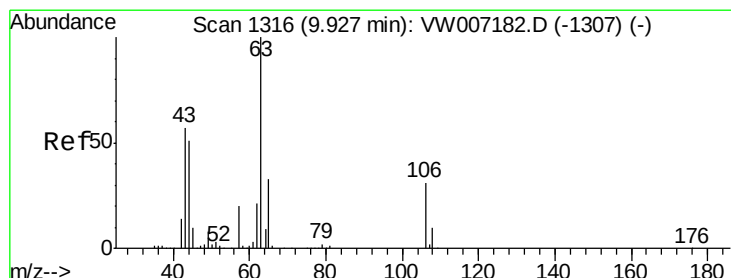
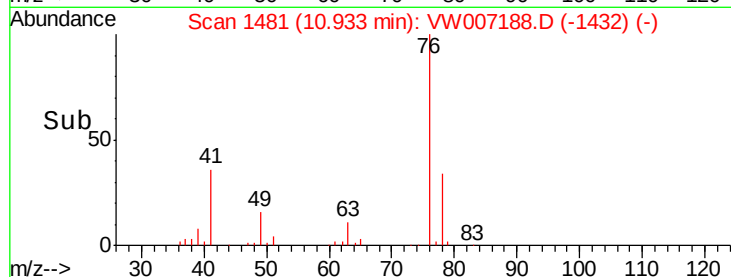
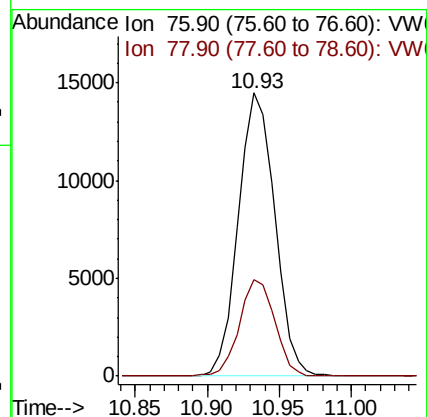
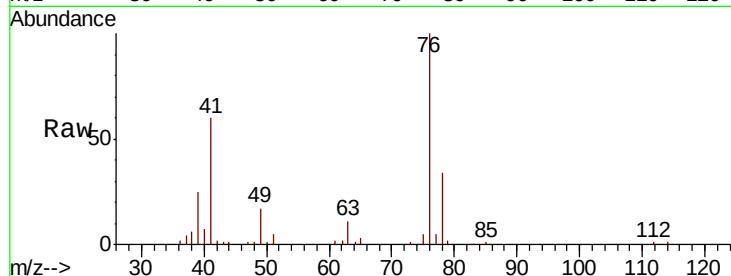
VW1204SBS01

Tot Ion: 76 Resp: 25471

Ion Ratio Lower Upper

76 100

78 33.0 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 108.833 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007188.D

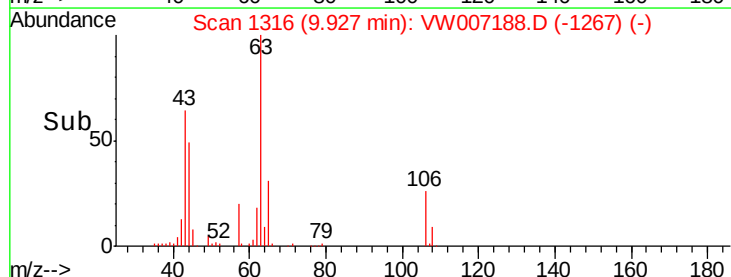
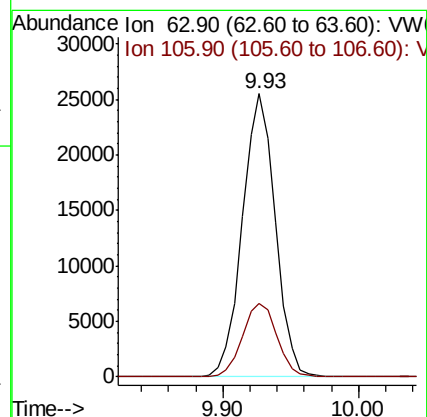
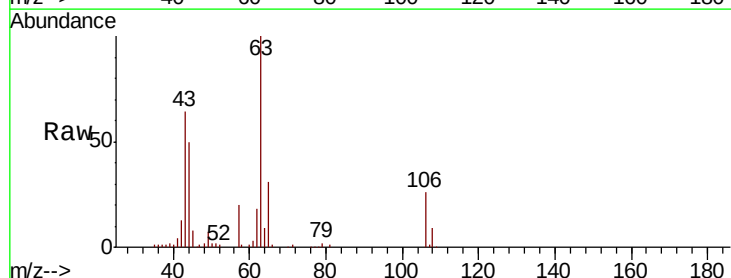
Acq: 04 Dec 2018 15:39

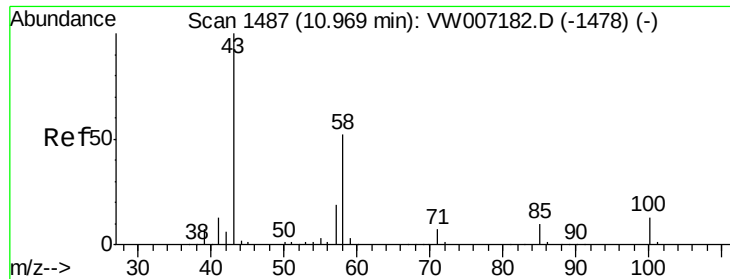
Tgt Ion: 63 Resp: 43079

Ion Ratio Lower Upper

63 100

106 27.4 24.1 36.1





#59

2-Hexanone

Concen: 98.265 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampled :

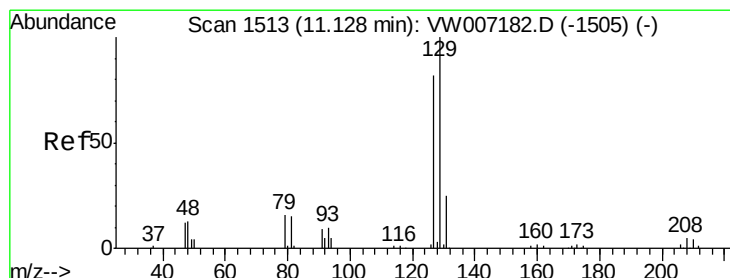
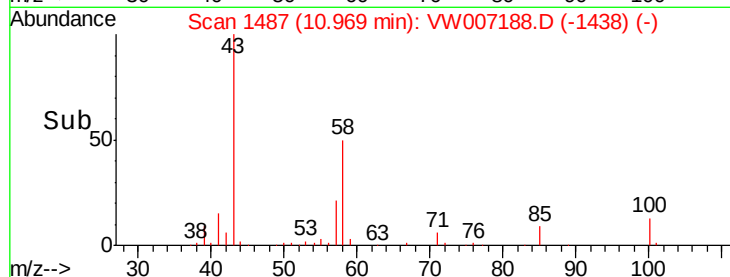
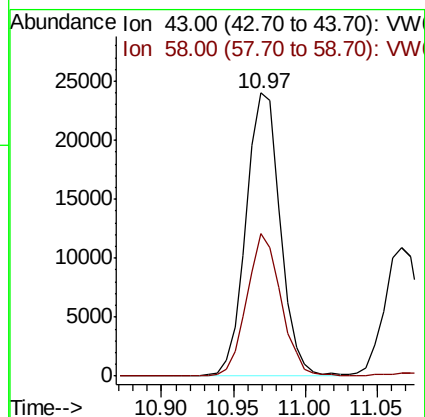
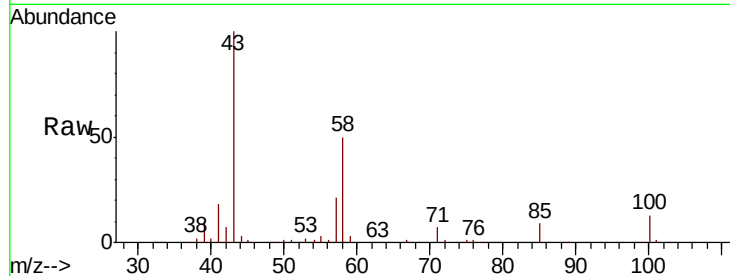
VW1204SBS01

Tot Ion: 43 Resp: 39503

Ion Ratio Lower Upper

43 100

58 50.0 28.1 84.4



#60

Dibromochloromethane

Concen: 19.880 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007188.D

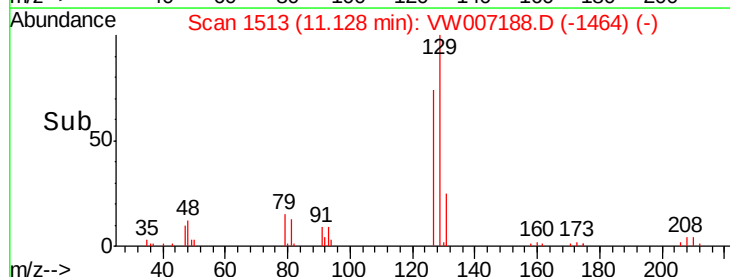
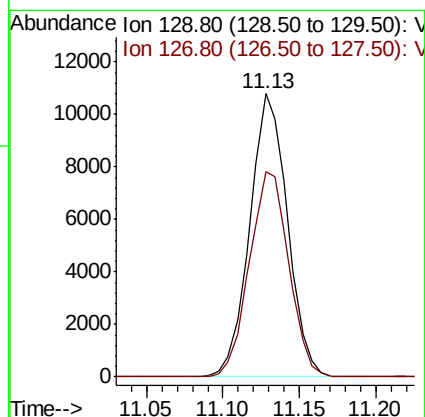
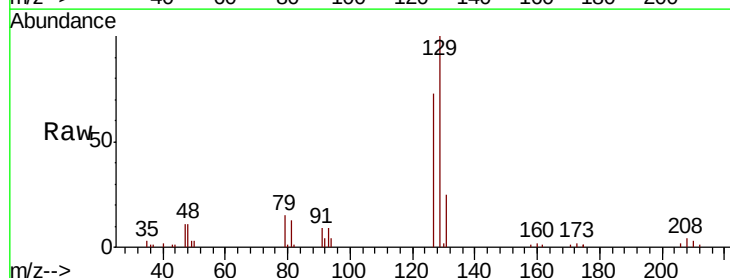
Acq: 04 Dec 2018 15:39

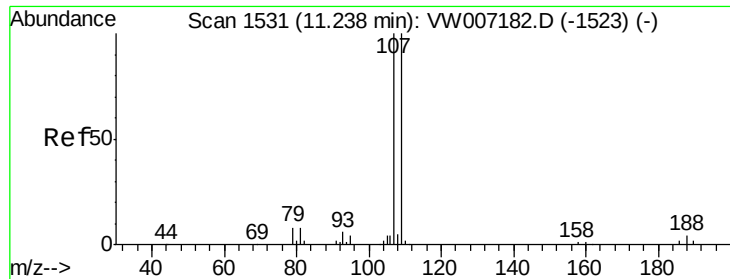
Tgt Ion: 129 Resp: 18459

Ion Ratio Lower Upper

129 100

127 75.8 39.8 119.4

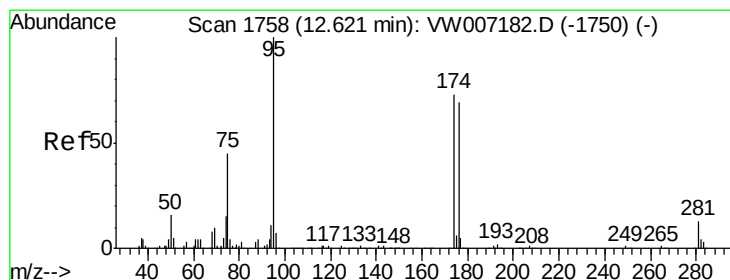
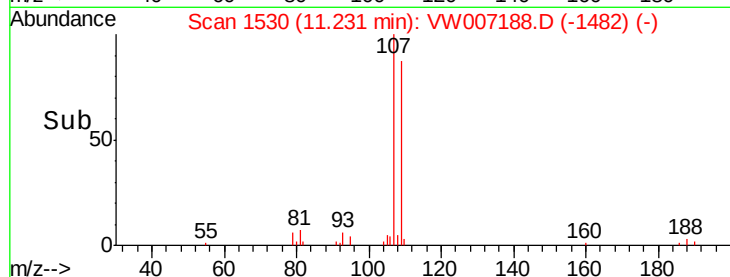
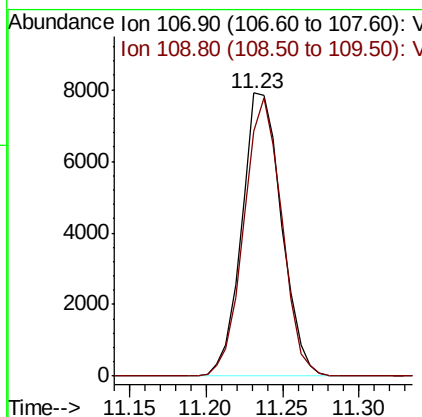
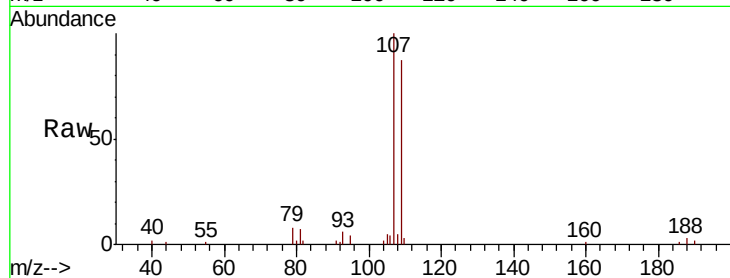




#61
 1,2-Dibromoethane
 Concen: 19.764 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

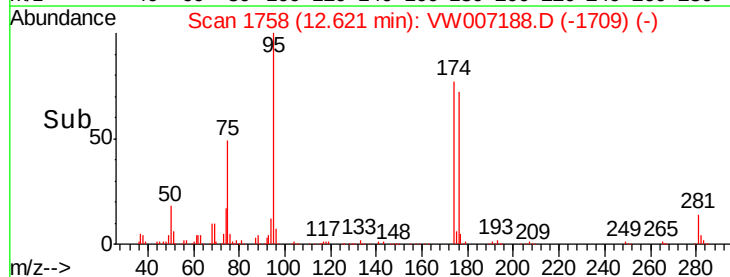
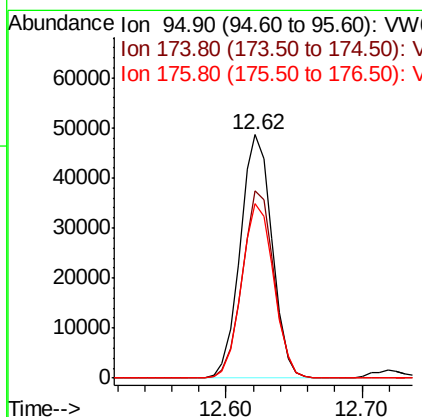
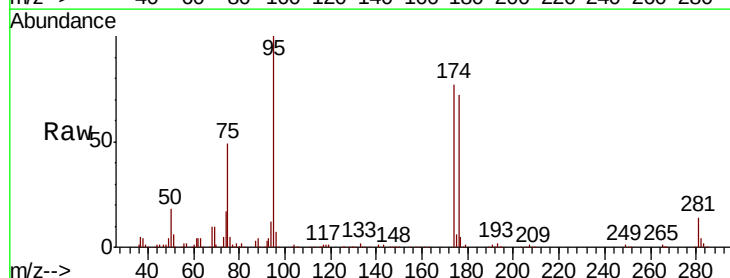
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

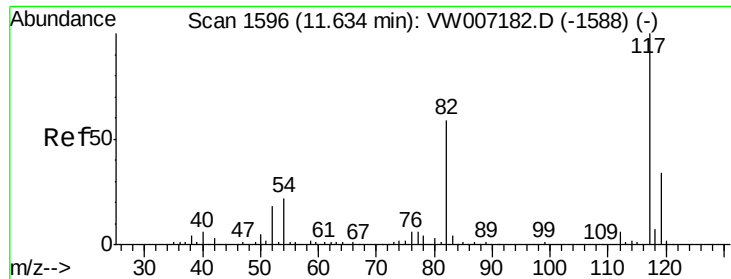
Tot Ion:107 Resp: 14321
 Ion Ratio Lower Upper
 107 100
 109 93.5 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 50.766 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion: 95 Resp: 79561
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 148.0
 176 72.6 0.0 139.4

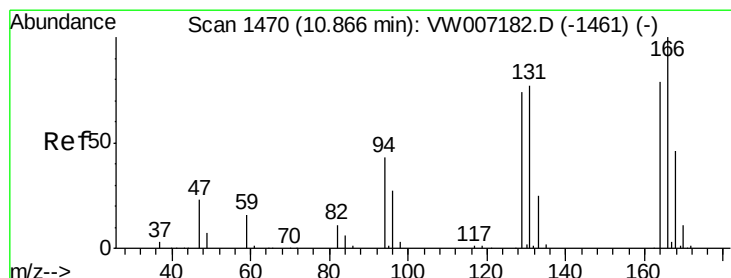
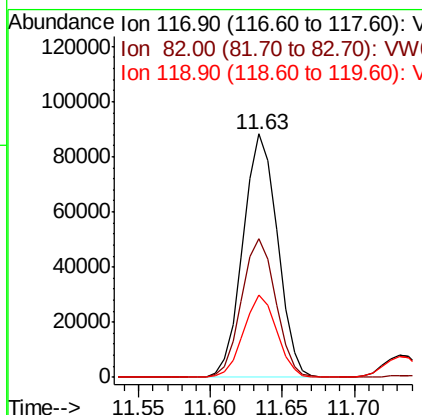
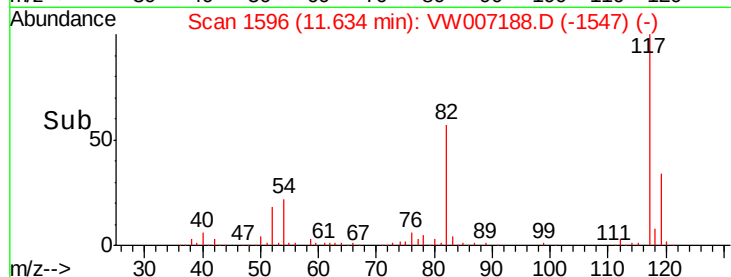
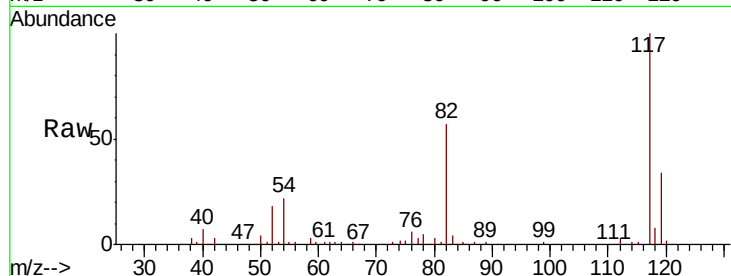




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

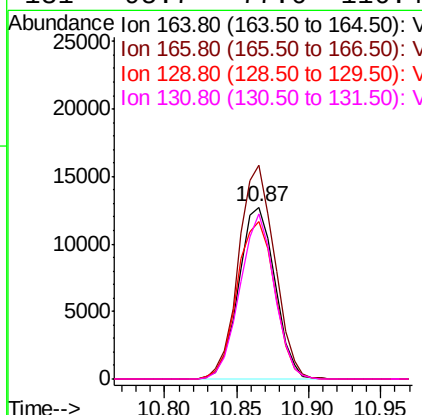
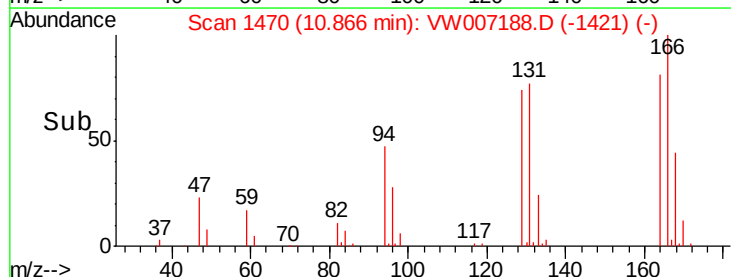
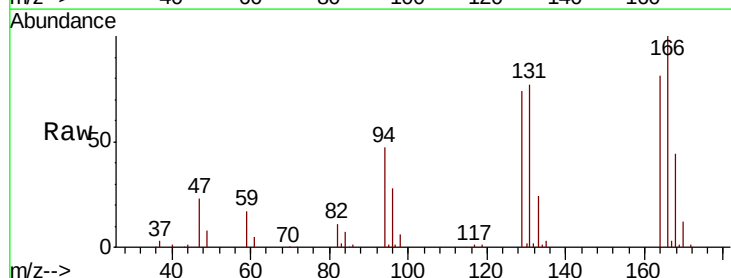
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

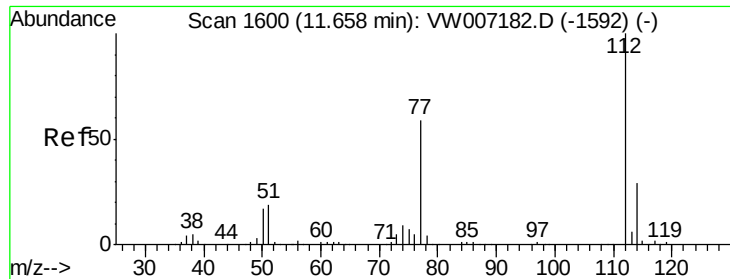
Tot Ion:117 Resp: 146825
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 33.7 26.8 40.2



#64
Tetrachloroethene
Concen: 20.684 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion:164 Resp: 22188
Ion Ratio Lower Upper
164 100
166 124.1 101.0 151.4
129 91.5 74.6 111.8
131 95.7 77.6 116.4

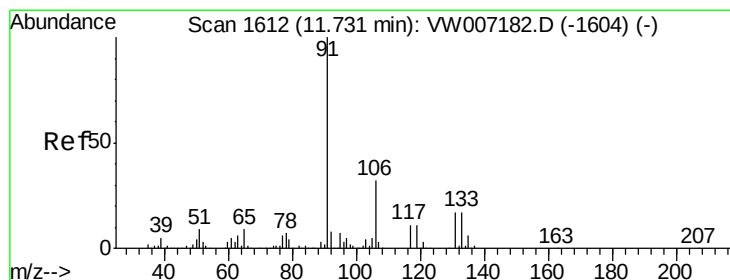
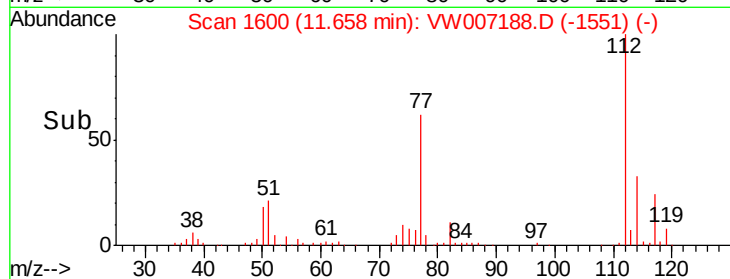
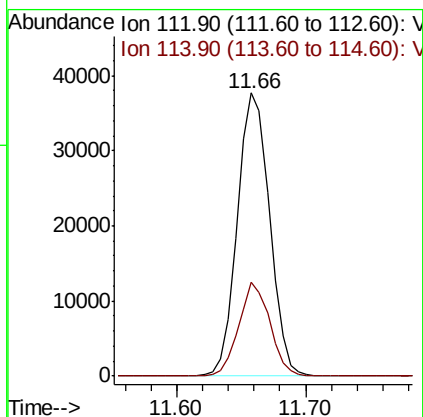
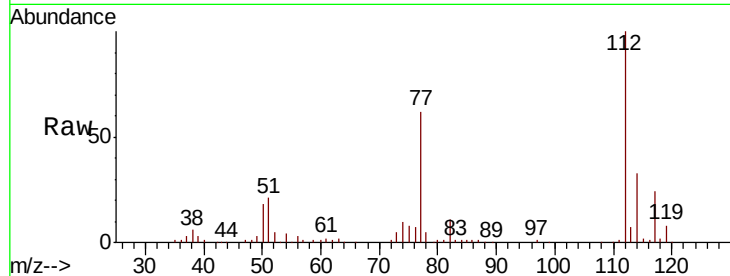




#65
Chlorobenzene
Concen: 19.890 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

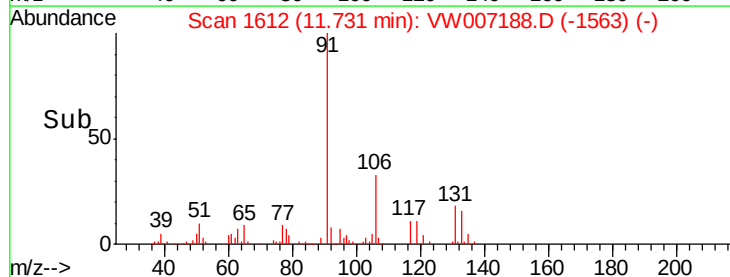
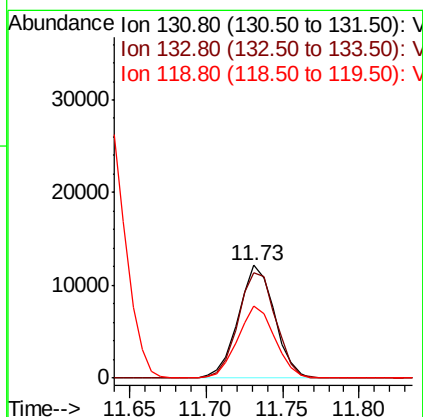
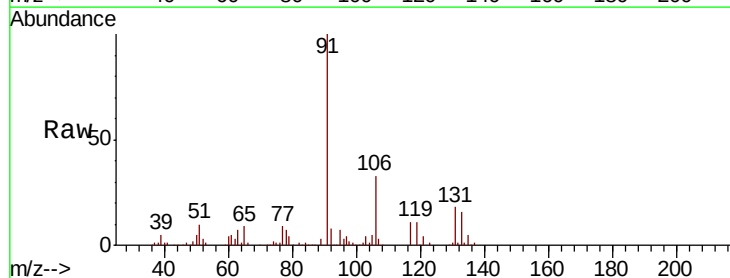
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

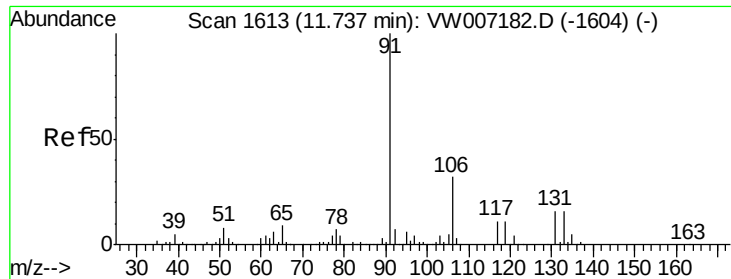
Tot Ion:112 Resp: 65223
Ion Ratio Lower Upper
112 100
114 33.1 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.835 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion:131 Resp: 20087
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.2
119 65.1 32.8 98.4

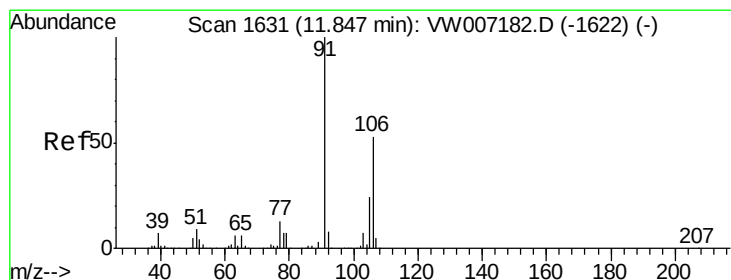
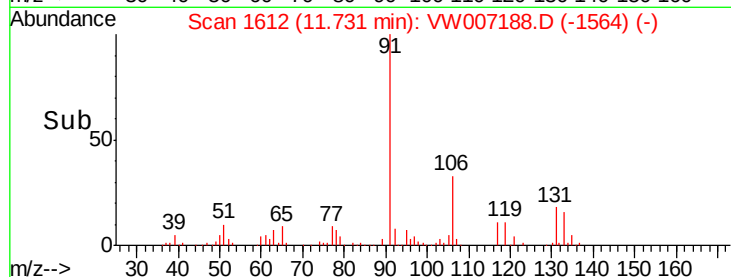
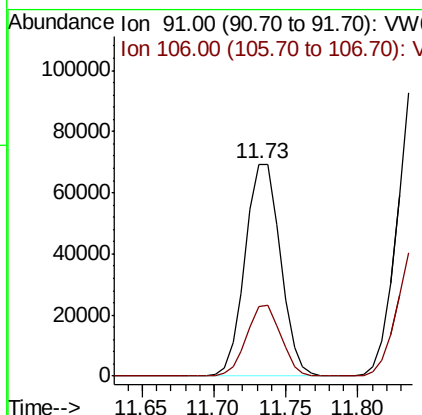
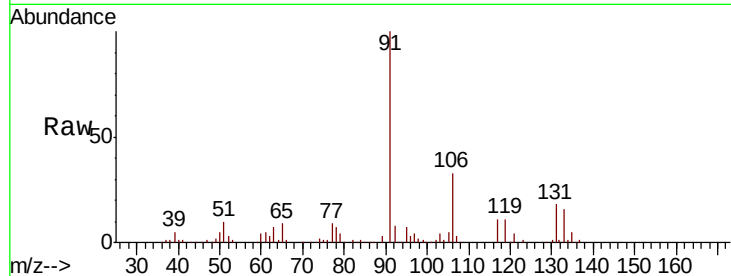




#67
Ethyl Benzene
Concen: 19.760 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

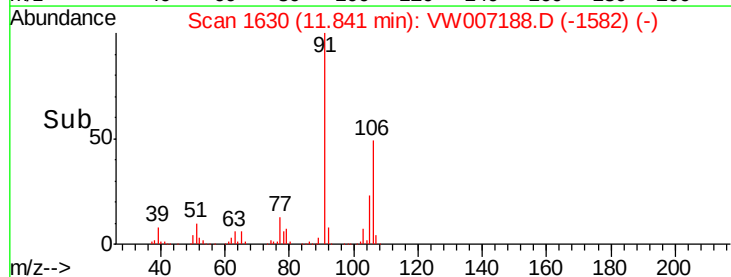
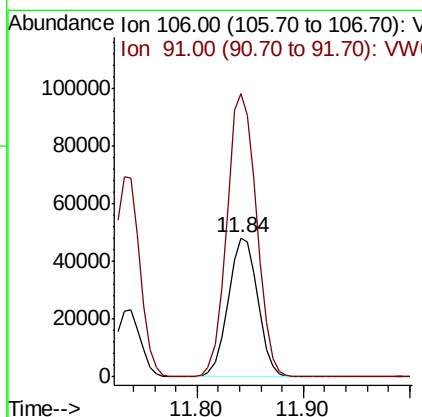
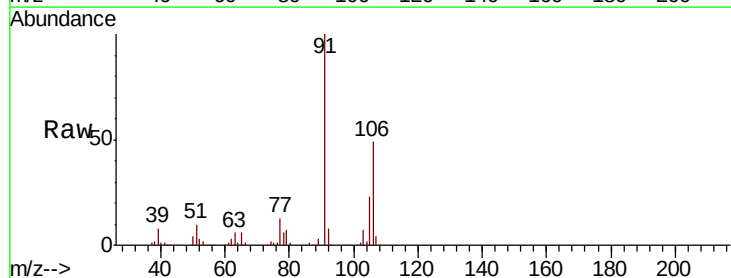
Instrument :
MSVOA_W
ClientSampled :
VW1204SBS01

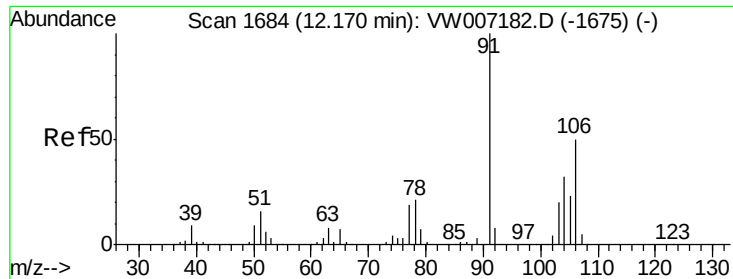
Tot Ion: 91 Resp: 118099
Ion Ratio Lower Upper
91 100
106 32.6 26.0 39.0



#68
m/p-Xylenes
Concen: 39.924 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion:106 Resp: 93606
Ion Ratio Lower Upper
106 100
91 205.1 160.2 240.4

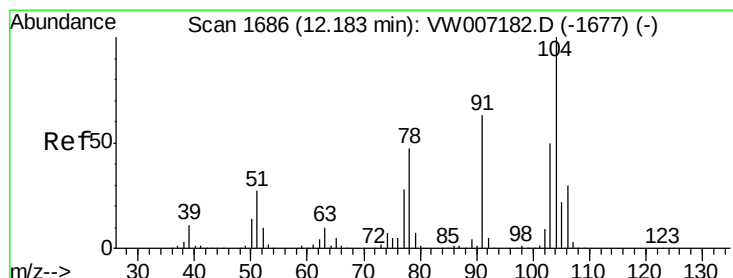
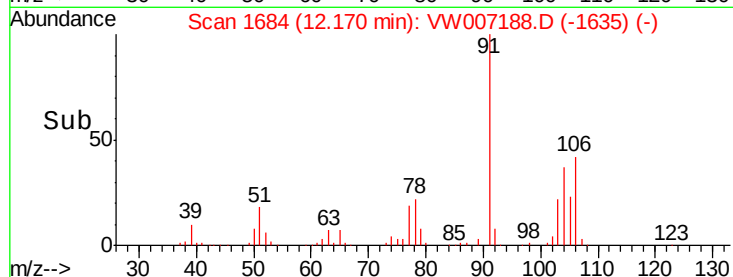
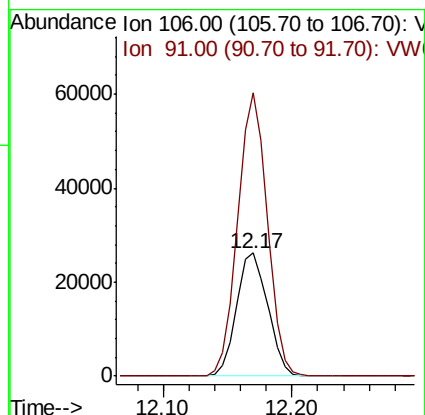
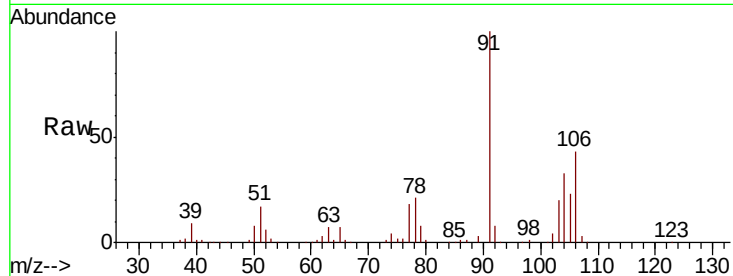




#69
o-Xylene
Concen: 20.138 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

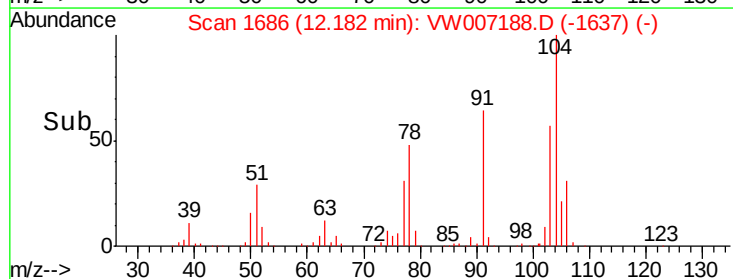
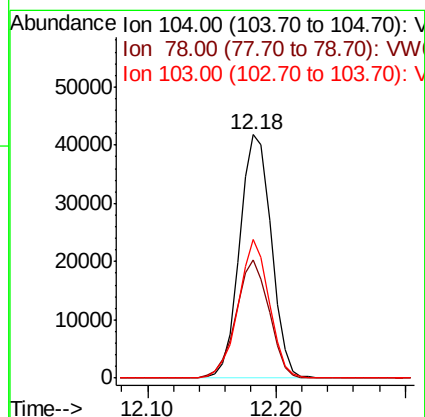
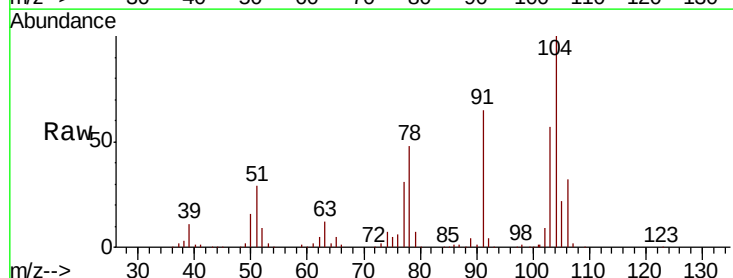
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

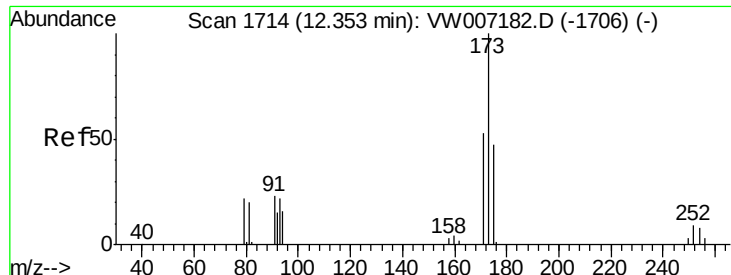
Tot Ion:106 Resp: 44115
Ion Ratio Lower Upper
106 100
91 217.5 104.9 314.7



#70
Styrene
Concen: 19.780 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion:104 Resp: 70929
Ion Ratio Lower Upper
104 100
78 51.0 40.6 60.8
103 56.0 43.0 64.4





#71

Bromoform

Concen: 19.499 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

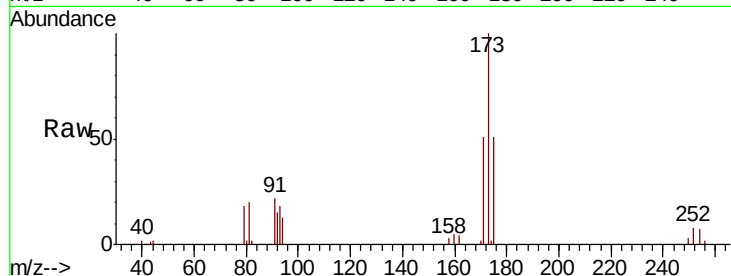
Tot Ion:173 Resp: 9885

Ion Ratio Lower Upper

173 100

175 49.8 24.0 72.0

254 0.0 0.0 0.0

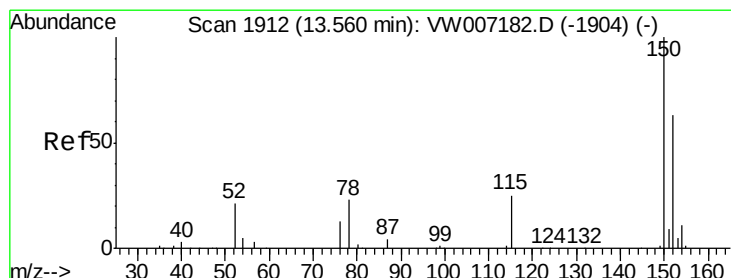
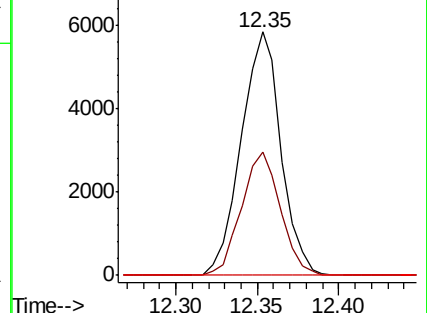
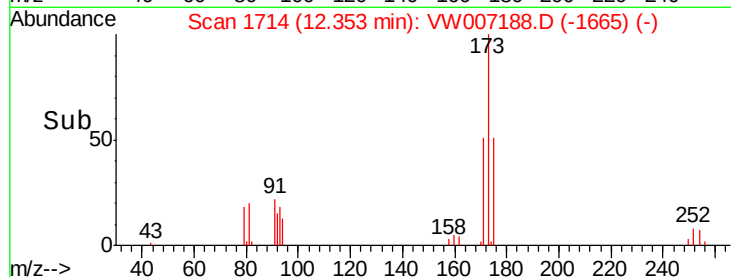


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

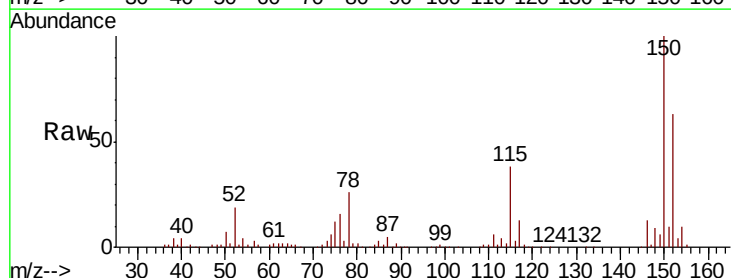
Tgt Ion:152 Resp: 72053

Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.8

150 171.2 0.0 358.0

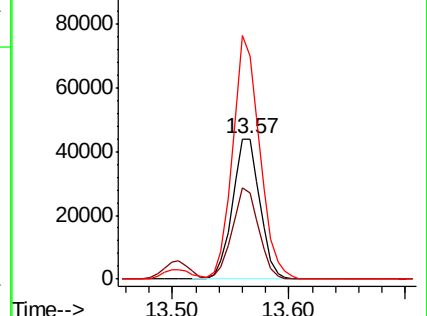
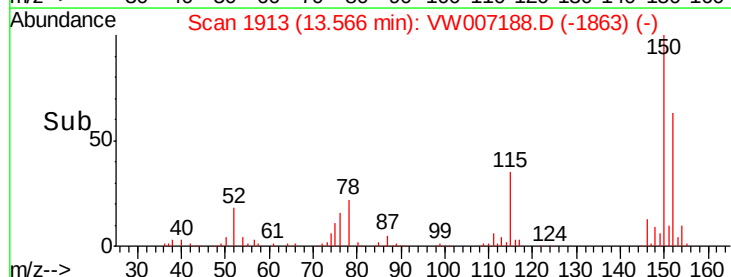


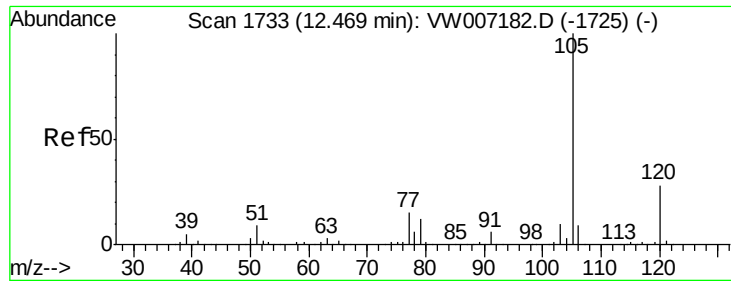
Abundance

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: 21.245 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

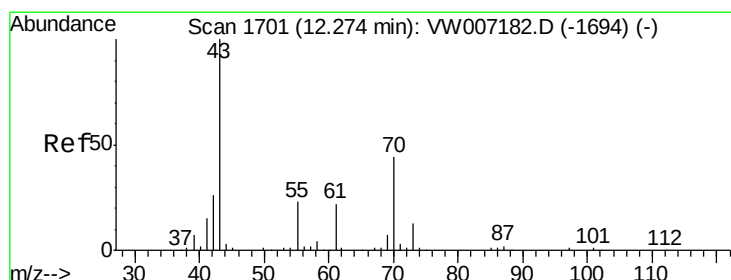
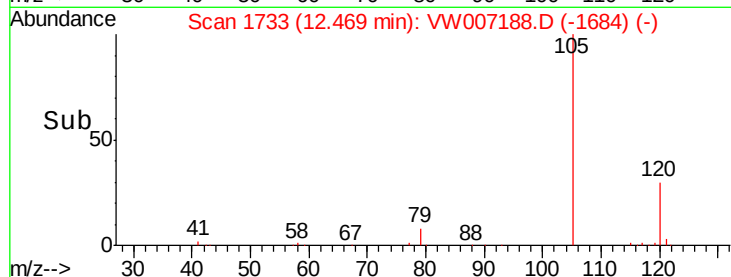
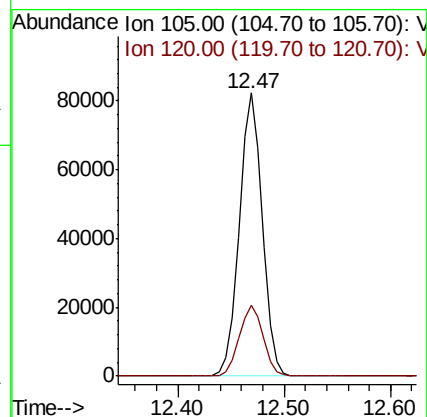
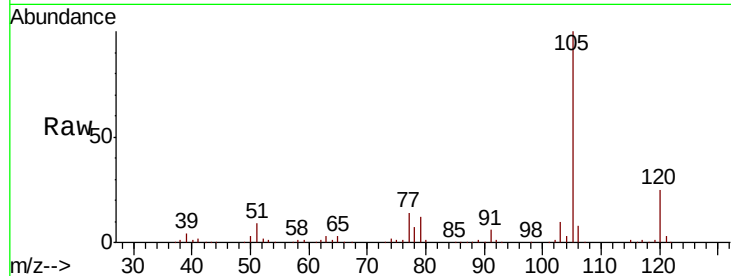
VW1204SBS01

Tot Ion:105 Resp: 124500

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 18.869 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion: 43 Resp: 19605

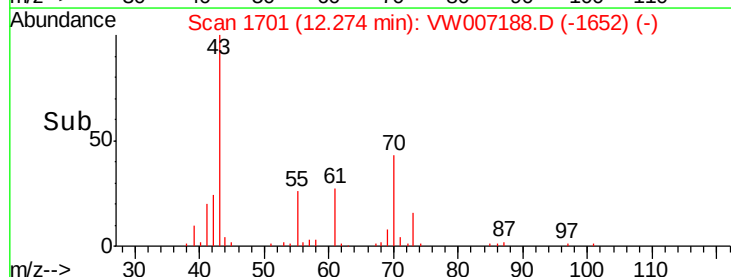
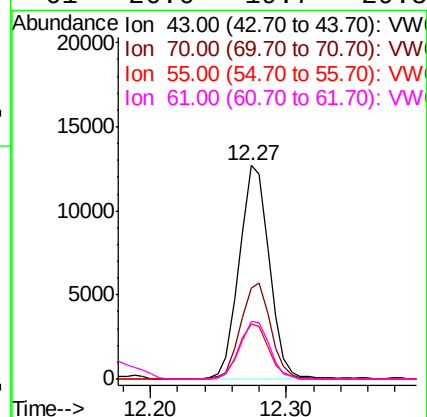
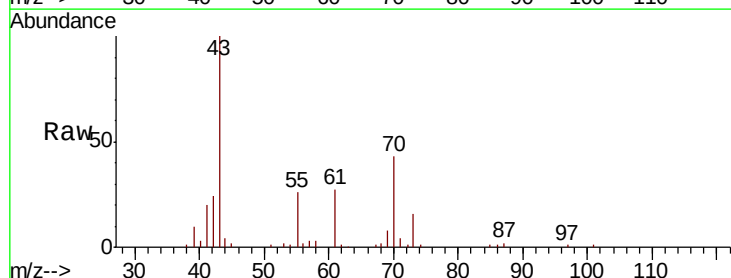
Ion Ratio Lower Upper

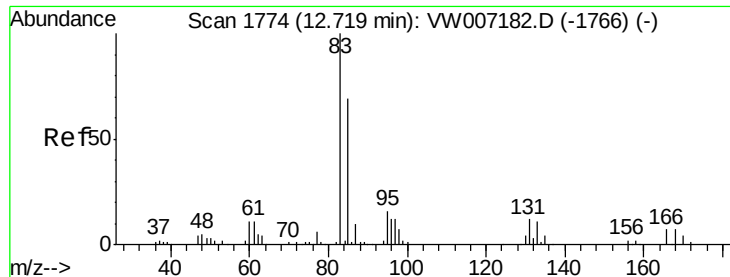
43 100

70 45.1 34.0 51.0

55 25.5 19.0 28.6

61 26.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.682 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

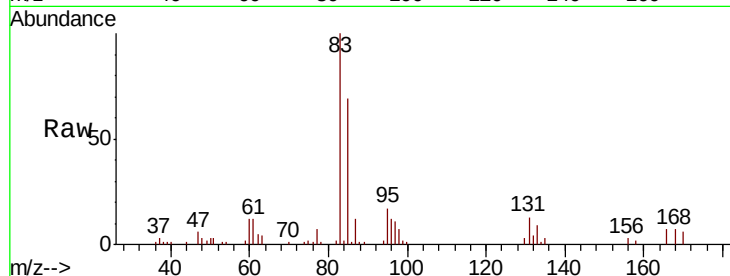
Tot Ion: 83 Resp: 14980

Ion Ratio Lower Upper

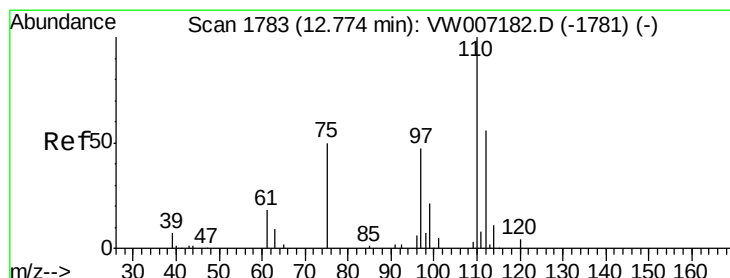
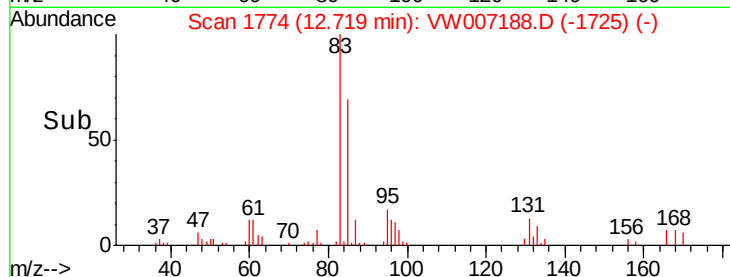
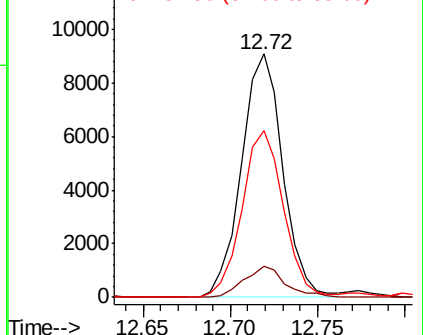
83 100

131 12.7 6.0 18.1

85 69.1 33.0 99.0



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



#76

1,2,3-Trichloropropane

Concen: 20.968 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007188.D

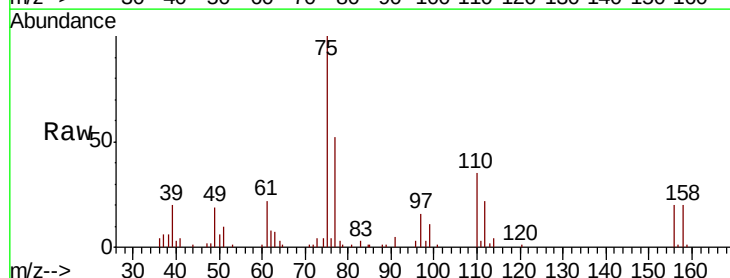
Acq: 04 Dec 2018 15:39

Tgt Ion: 75 Resp: 22704

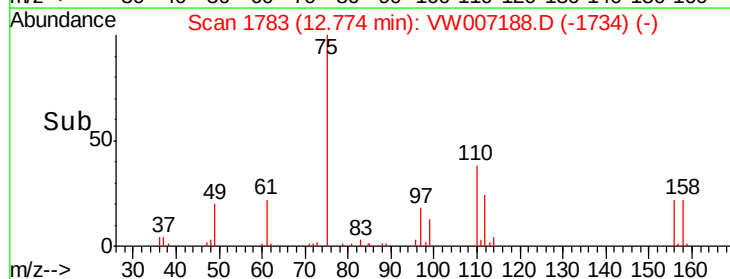
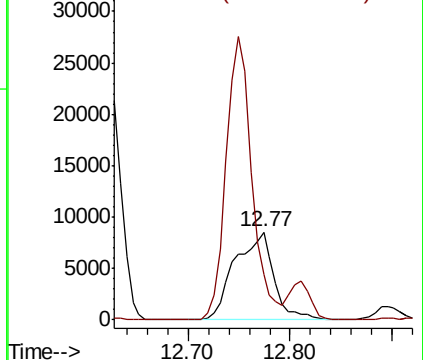
Ion Ratio Lower Upper

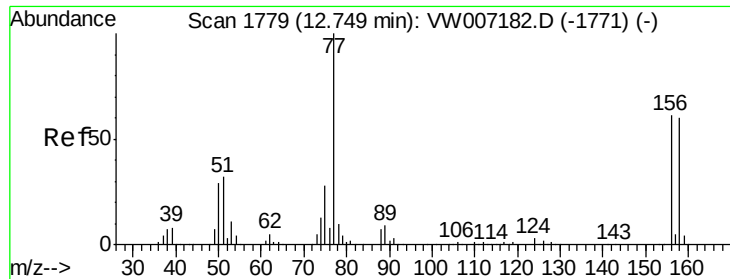
75 100

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: 20.573 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

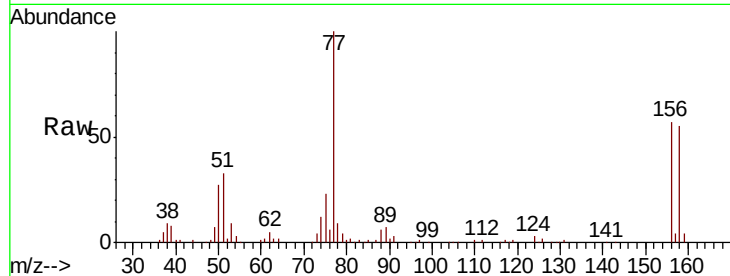
Tot Ion:156 Resp: 26024

Ion Ratio Lower Upper

156 100

77 186.2 92.0 276.1

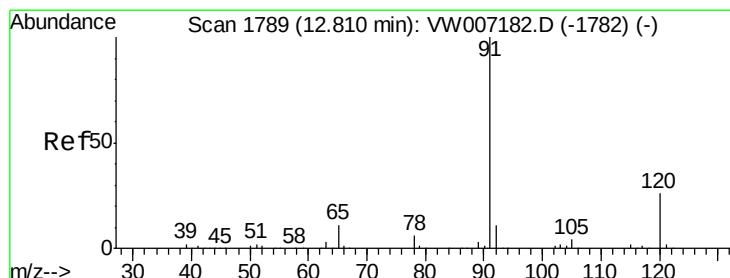
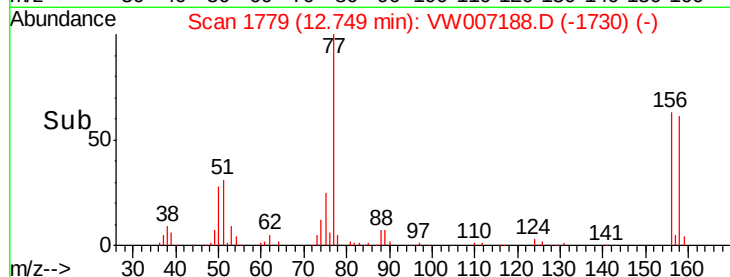
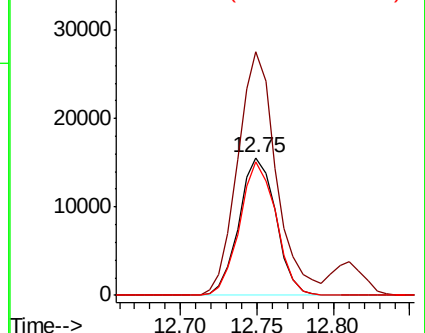
158 95.7 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.395 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007188.D

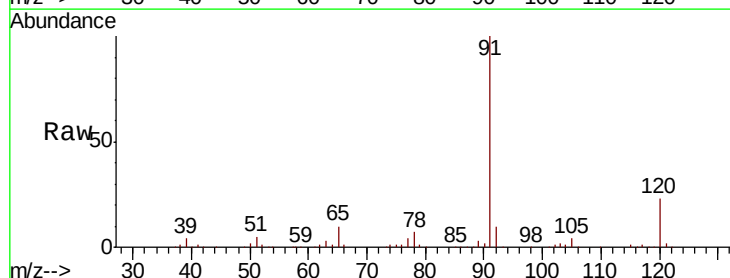
Acq: 04 Dec 2018 15:39

Tgt Ion: 91 Resp: 149374

Ion Ratio Lower Upper

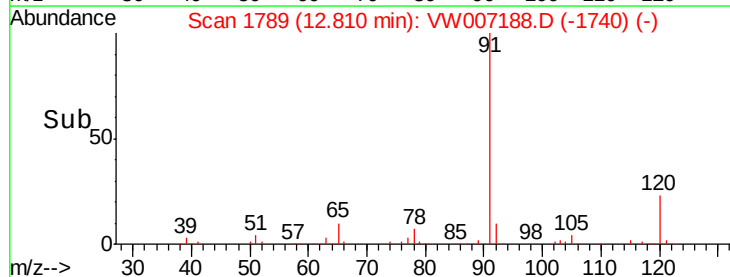
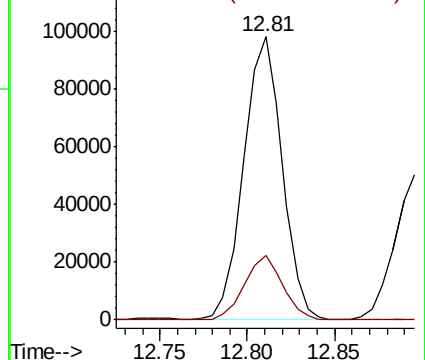
91 100

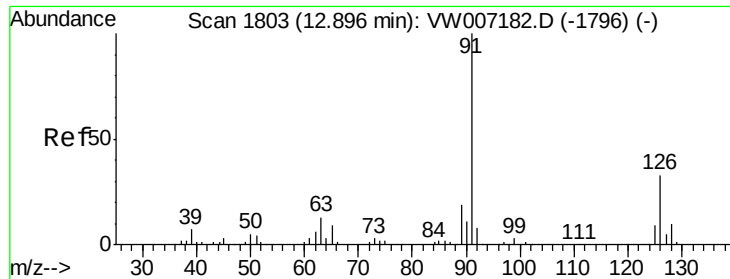
120 22.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

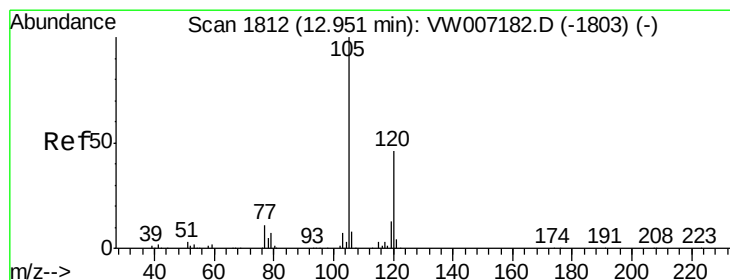
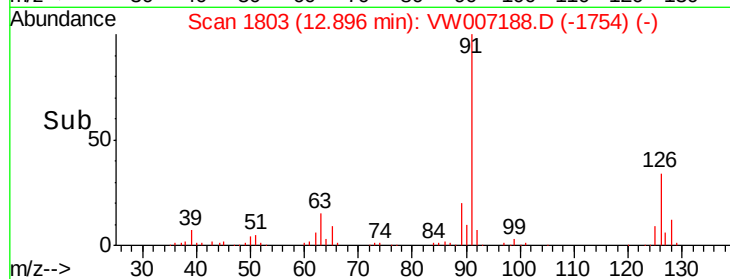
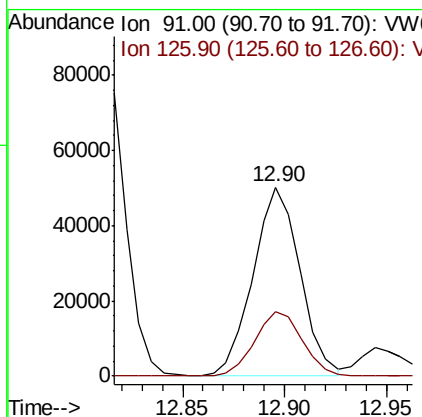
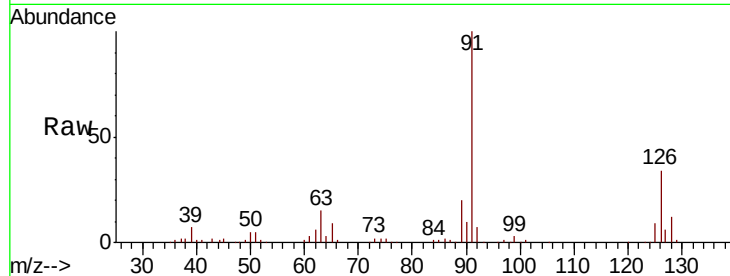




#79
 2-Chlorotoluene
 Concen: 20.365 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

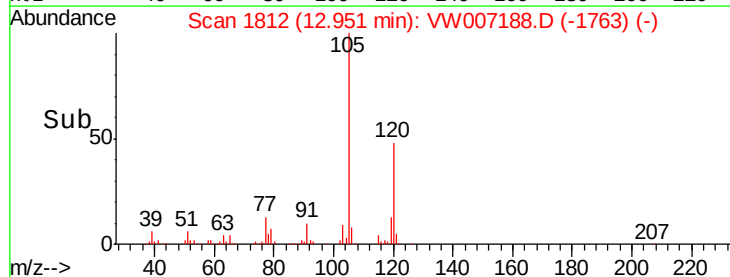
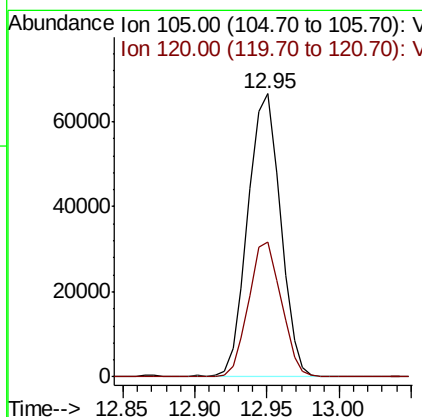
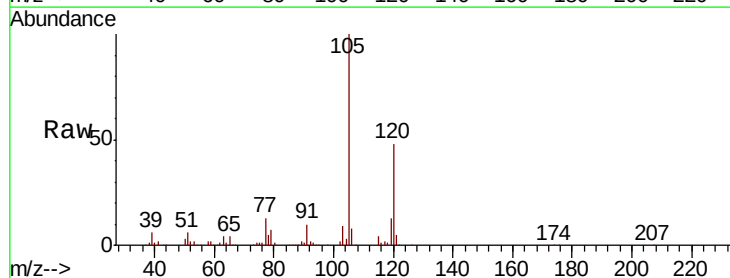
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

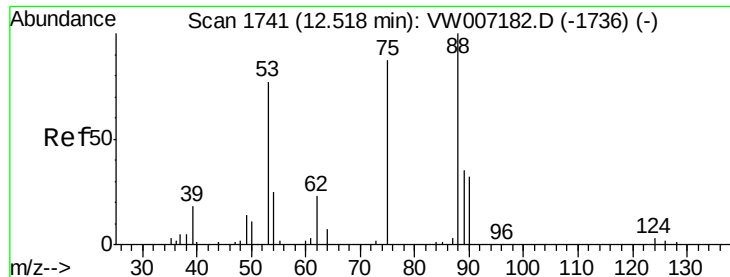
Tot Ion: 91 Resp: 80291
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.745 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion:105 Resp: 104003
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.8 71.5

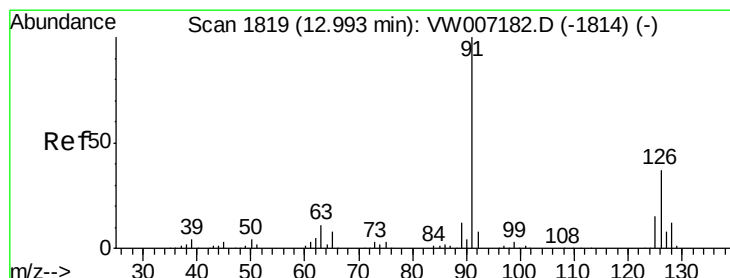
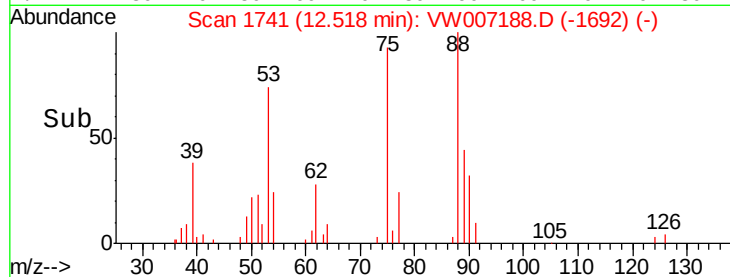
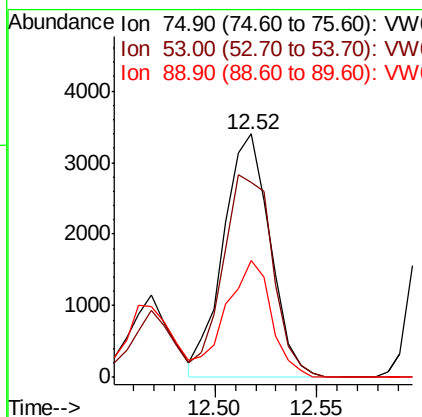
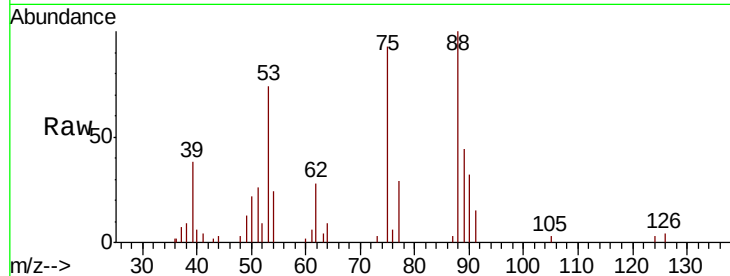




#81
trans-1,4-Dichloro-2-butene
Concen: 20.896 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

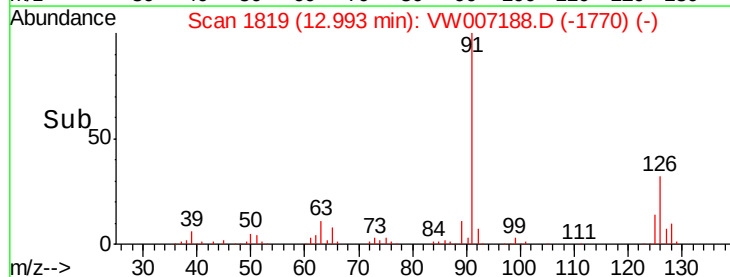
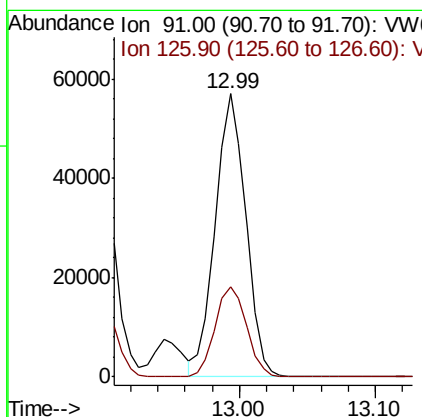
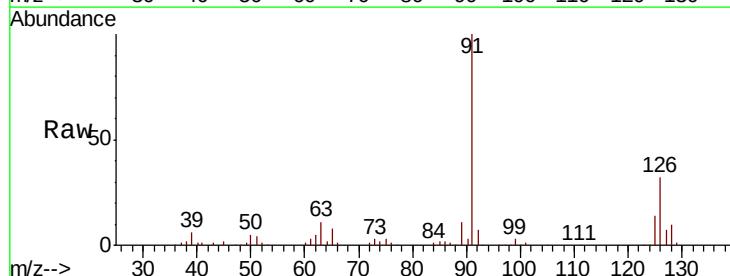
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

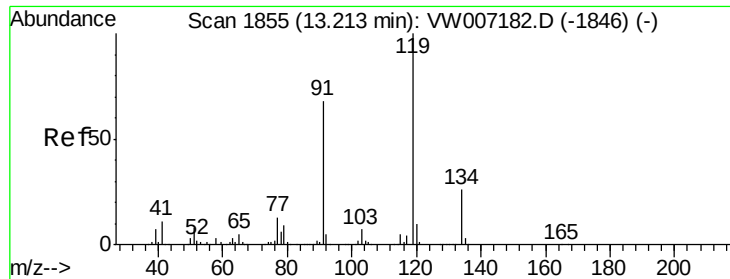
Tot Ion: 75 Resp: 5409
Ion Ratio Lower Upper
75 100
53 88.7 72.8 109.2
89 47.0 36.4 54.6



#82
4-Chlorotoluene
Concen: 21.105 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion: 91 Resp: 88522
Ion Ratio Lower Upper
91 100
126 33.0 17.4 52.3

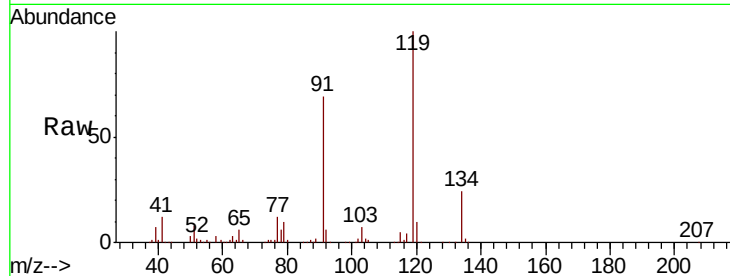




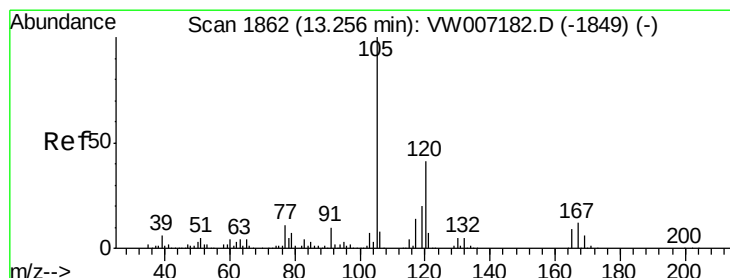
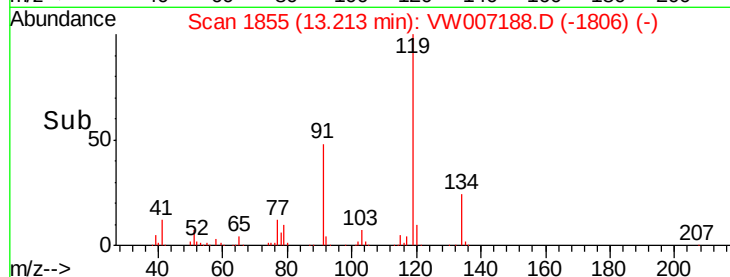
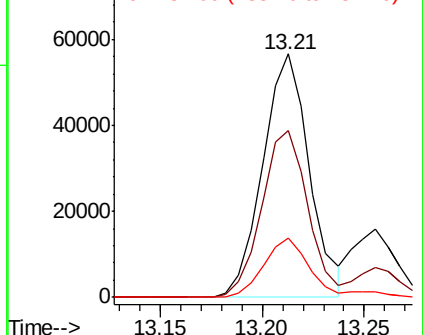
#83
tert-Butylbenzene
Concen: 20.556 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tot Ion:119 Resp: 90058
Ion Ratio Lower Upper
119 100
91 68.0 34.0 101.8
134 25.3 13.2 39.5

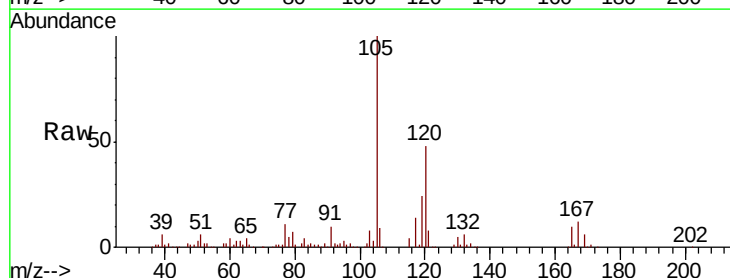


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

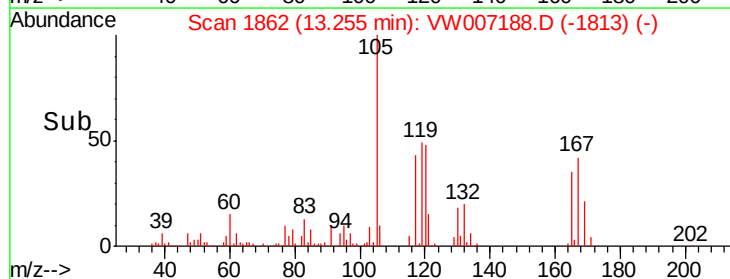
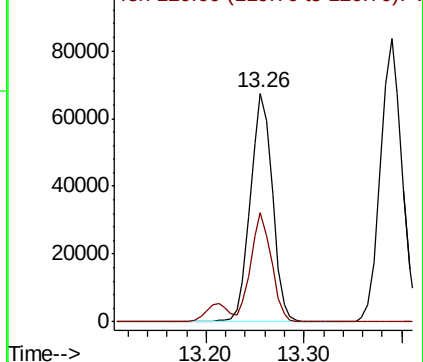


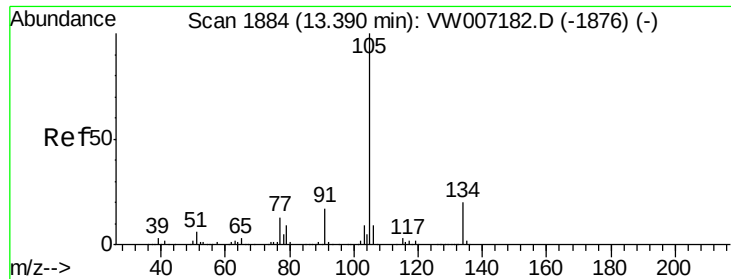
#84
1,2,4-Trimethylbenzene
Concen: 20.648 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007188.D
Acq: 04 Dec 2018 15:39

Tgt Ion:105 Resp: 105669
Ion Ratio Lower Upper
105 100
120 44.5 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.308 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

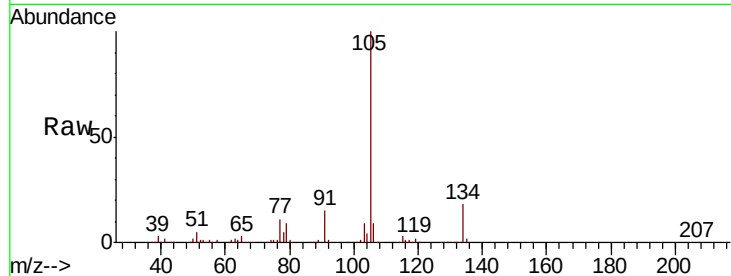
VW1204SBS01

Tot Ion:105 Resp: 127019

Ion Ratio Lower Upper

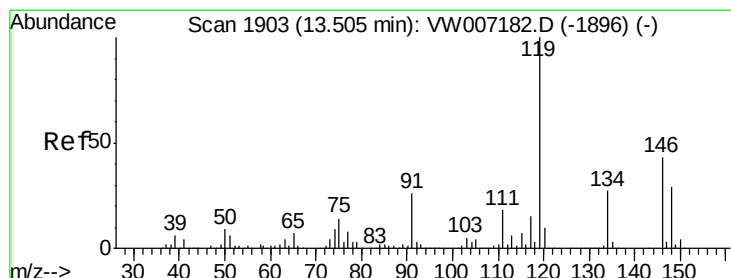
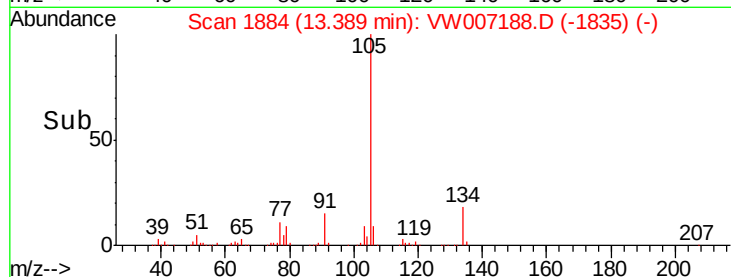
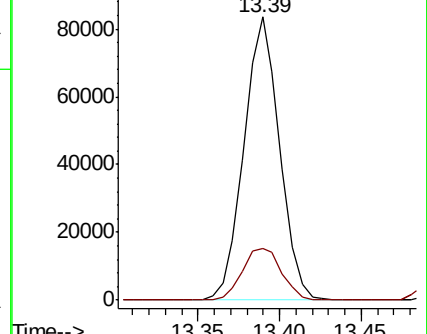
105 100

134 20.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.446 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

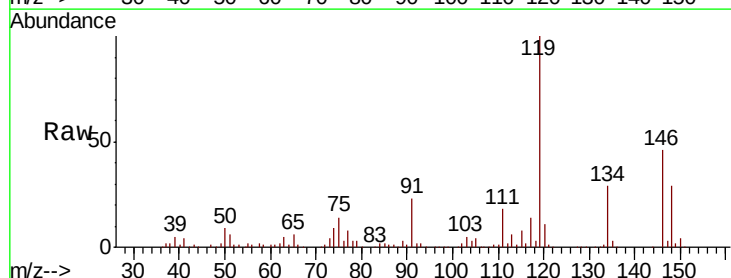
Tgt Ion:119 Resp: 113840

Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.6

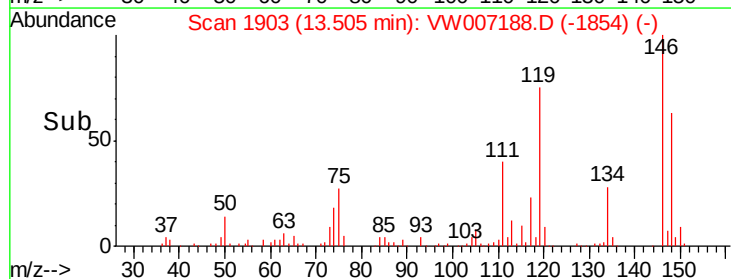
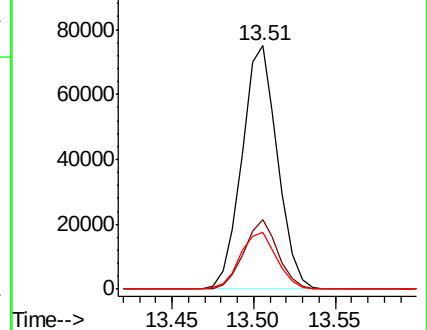
91 24.1 12.4 37.2

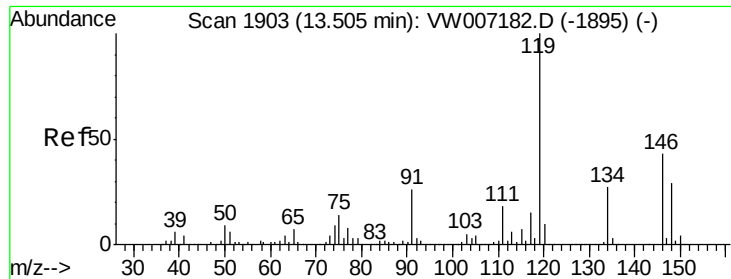


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.418 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

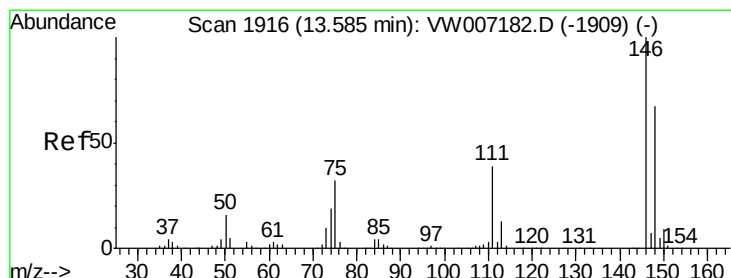
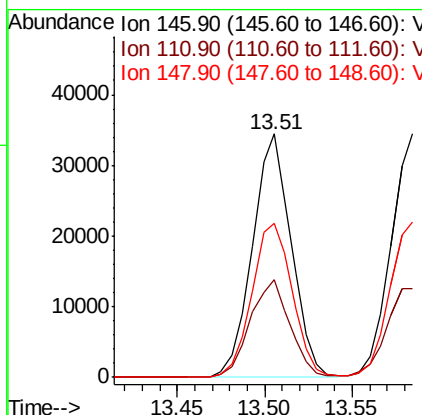
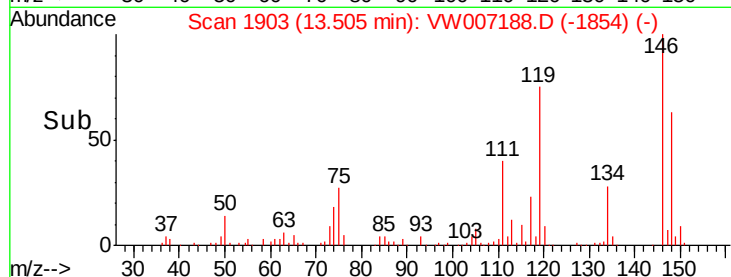
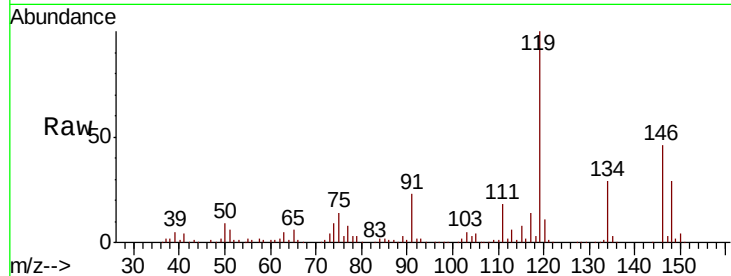
Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS01

Tot Ion:146 Resp: 53021

Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.1	63.4
148	65.9	32.8	98.4



#88

1,4-Dichlorobenzene

Concen: 20.854 ug/l

RT: 13.58 min Scan# 1916

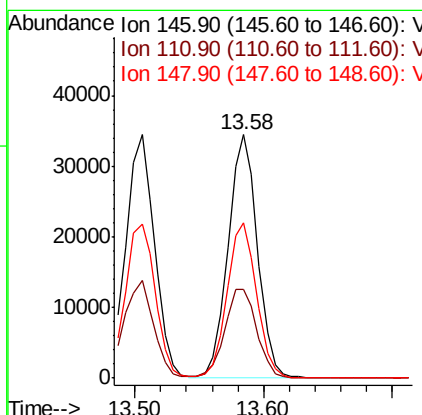
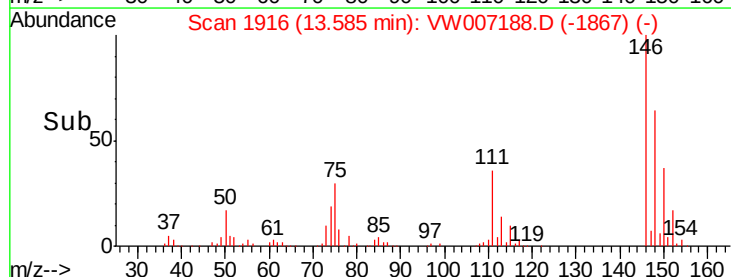
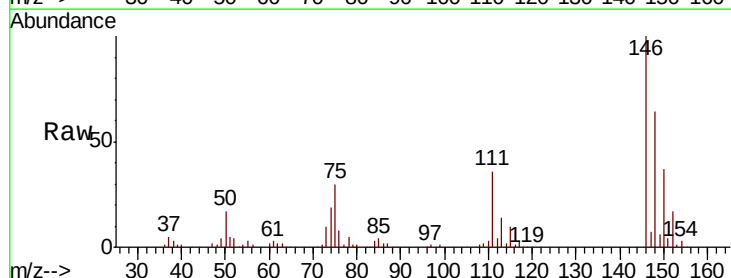
Delta R.T. -0.00 min

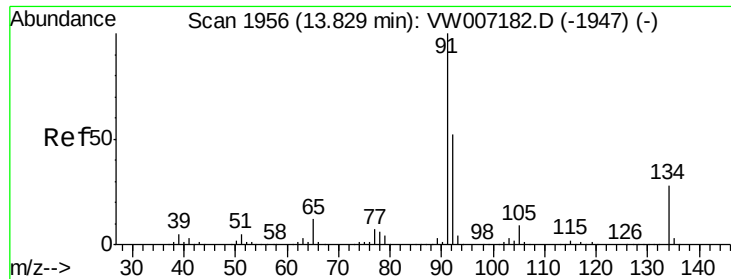
Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Tgt Ion:146 Resp: 54700

Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.6	32.6	98.0





#89

n-Butylbenzene

Concen: 21.379 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

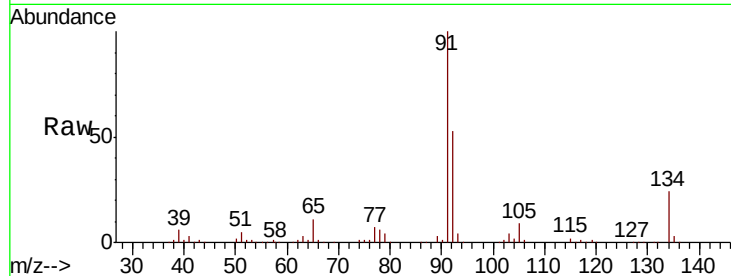
Tot Ion: 91 Resp: 111235

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

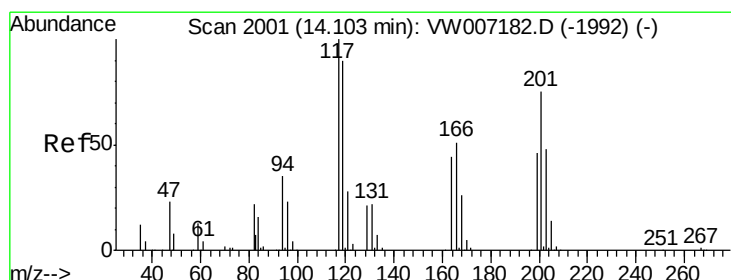
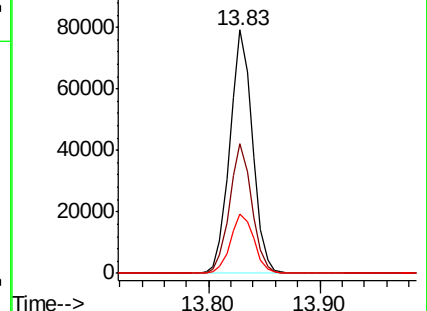
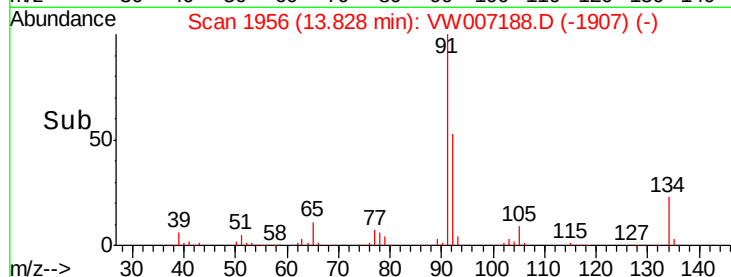
134 25.2 14.1 42.2



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): VW



#90

Hexachloroethane

Concen: 19.441 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007188.D

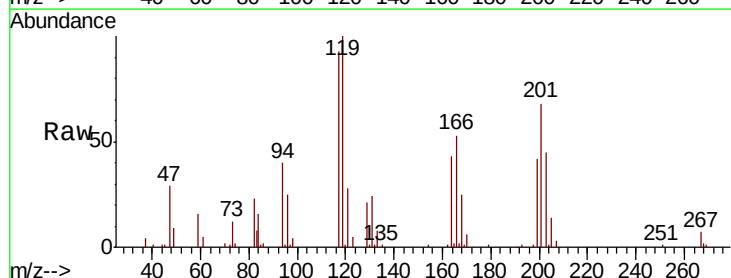
Acq: 04 Dec 2018 15:39

Tgt Ion: 117 Resp: 16495

Ion Ratio Lower Upper

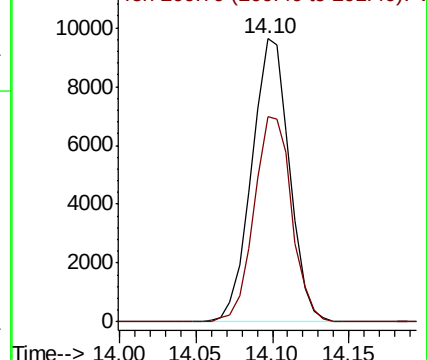
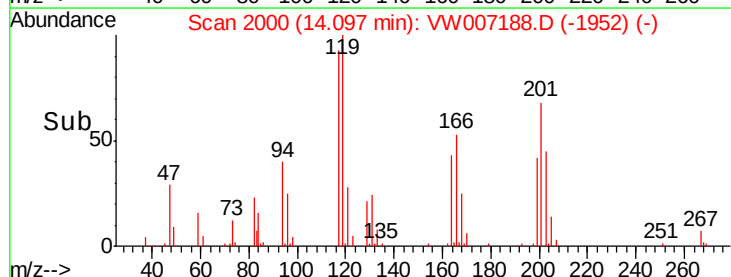
117 100

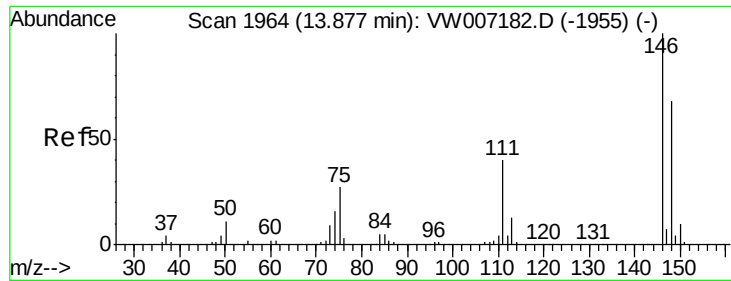
201 72.4 36.0 108.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.479 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

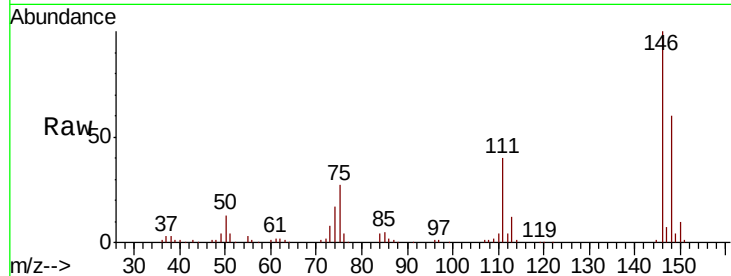
Tot Ion:146 Resp: 48285

Ion Ratio Lower Upper

146 100

111 41.7 21.6 65.0

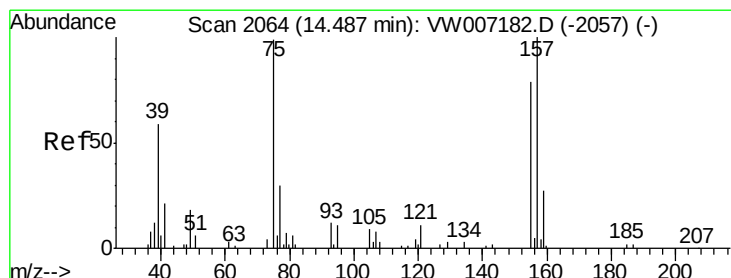
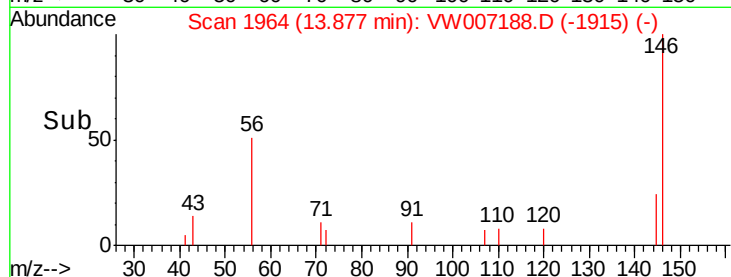
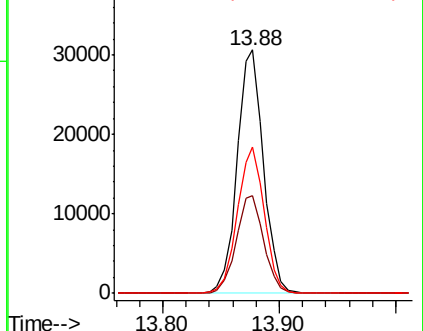
148 61.0 32.7 98.1



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: 20.585 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

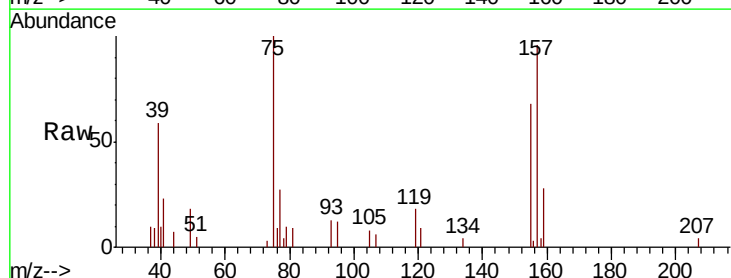
Tgt Ion: 75 Resp: 3035

Ion Ratio Lower Upper

75 100

155 75.3 42.4 127.2

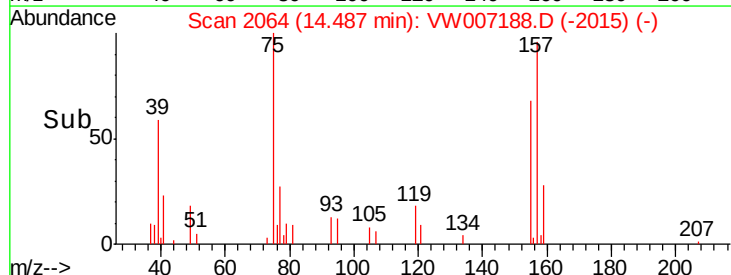
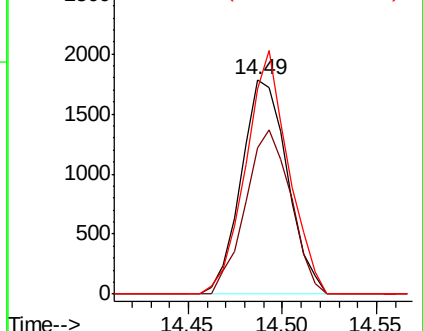
157 104.7 55.3 165.9

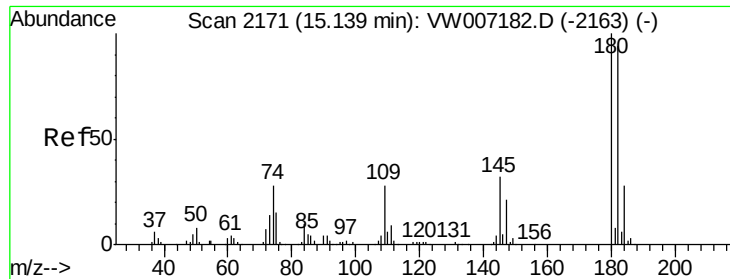


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

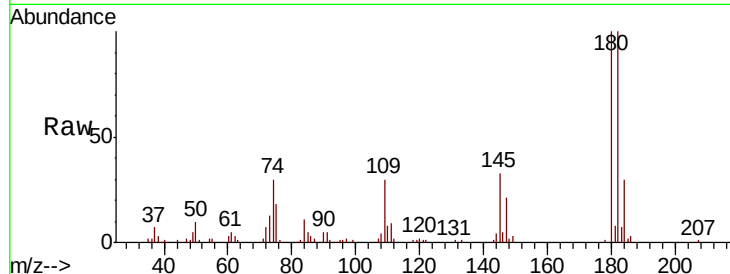




#93
 1,2,4-Trichlorobenzene
 Concen: 19.899 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.8
145	32.6	16.6	49.7

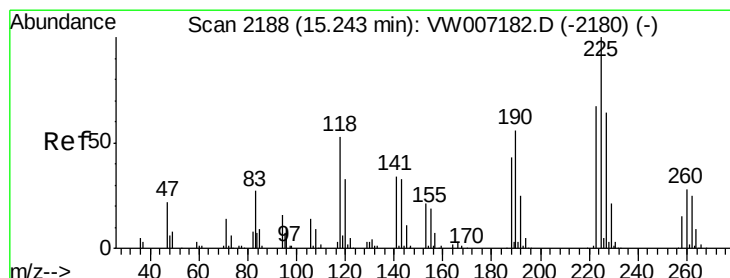
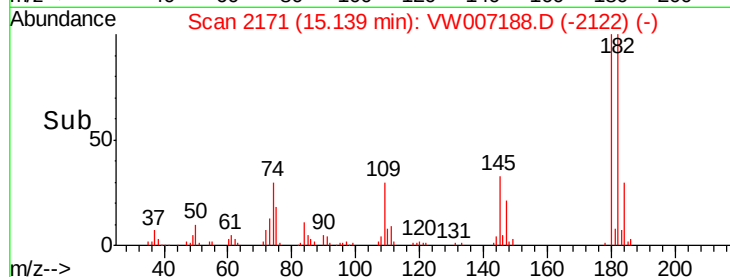
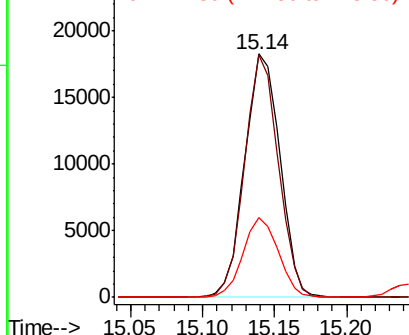


Abundance

Ion 179.80 (179.50 to 180.50): V

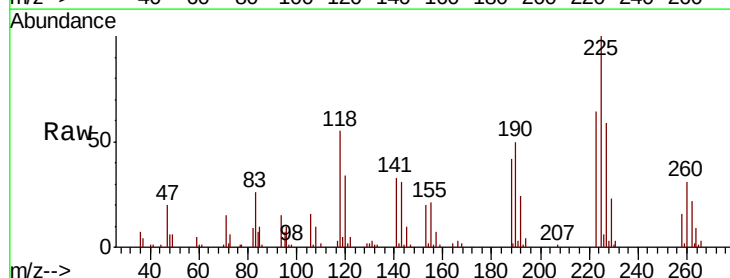
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.719 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007188.D
 Acq: 04 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.3	96.8
227	64.6	32.1	96.3

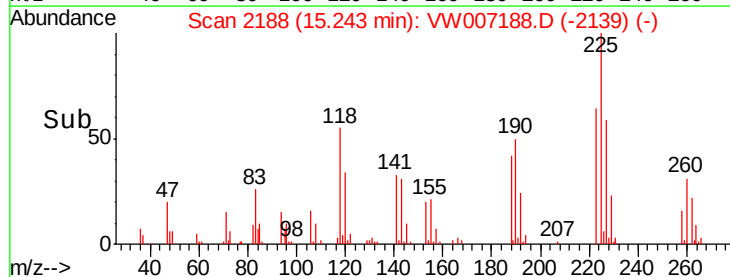
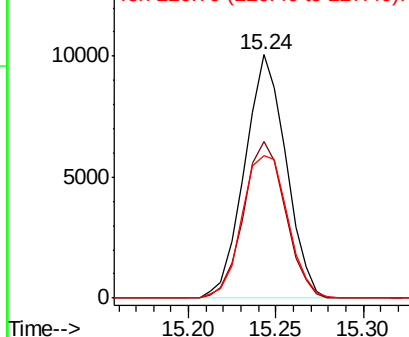


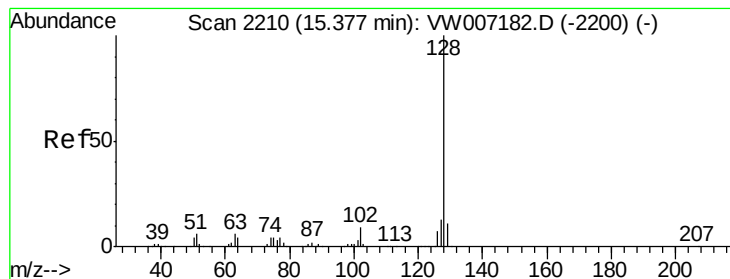
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.478 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS01

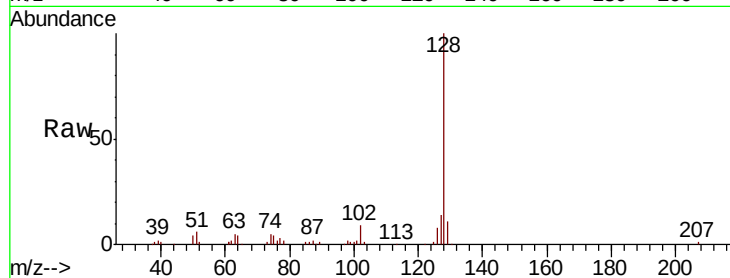
Tot Ion:128 Resp: 54384

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.7 8.6 13.0

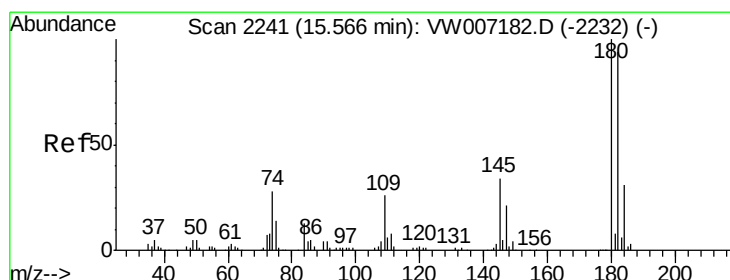
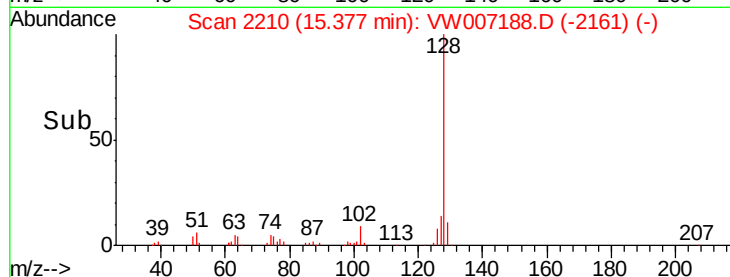
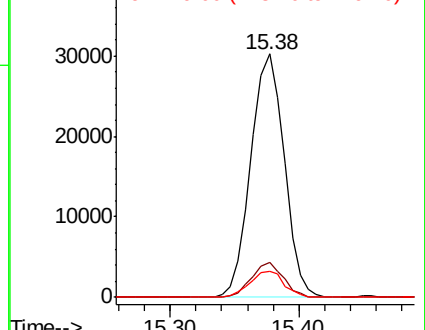


Abundance

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: 19.520 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007188.D

Acq: 04 Dec 2018 15:39

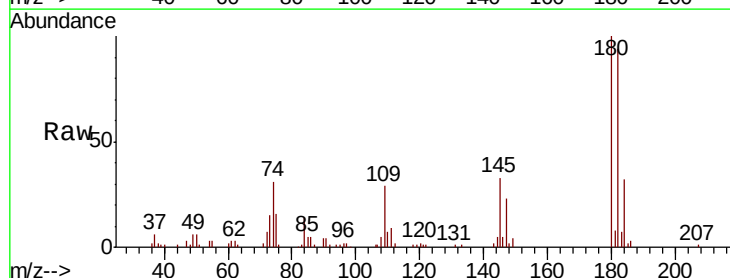
Tgt Ion:180 Resp: 25643

Ion Ratio Lower Upper

180 100

182 93.8 47.4 142.2

145 35.2 17.6 52.8



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

