

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112718\
 Data File : VW007085.D
 Acq On : 27 Nov 2018 14:13
 Operator : VAY/AP
 Sample : VW1127SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBSD01

Quant Time: Nov 28 00:24:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	53345	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	7.89	113	48611	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.33	98	202238	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	77680	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	25504	24.022	ug/l	98
3) Chloromethane	2.21	50	19425	21.954	ug/l	98
4) Vinyl Chloride	2.36	62	18880	21.688	ug/l	94
5) Bromomethane	2.78	94	10462	22.516	ug/l	89
6) Chloroethane	2.92	64	10480	21.839	ug/l	94
7) Trichlorofluoromethane	3.26	101	39243	22.925	ug/l	98
8) Diethyl Ether	3.69	74	12091	21.921	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	25849	23.293	ug/l	100
10) Methyl Iodide	4.27	142	23574	18.557	ug/l	98
11) Tert butyl alcohol	5.22	59	7297	106.474	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	21737	22.333	ug/l	94
13) Acrolein	3.90	56	7005	99.530	ug/l	98
14) Allyl chloride	4.68	41	34418	21.320	ug/l	98
15) Acrylonitrile	5.38	53	22685	109.427	ug/l	97
16) Acetone	4.15	43	16637	108.847	ug/l	95
17) Carbon Disulfide	4.38	76	66748	21.212	ug/l	98
18) Methyl Acetate	4.68	43	11082	20.360	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	57507	22.628	ug/l	99
20) Methylene Chloride	4.93	84	25873	17.759	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	24701	21.786	ug/l	98
22) Diisopropyl ether	6.32	45	67550	21.498	ug/l	97
23) Vinyl Acetate	6.26	43	194339	116.468	ug/l	97
24) 1,1-Dichloroethane	6.23	63	40802	21.345	ug/l	99
25) 2-Butanone	7.18	43	28634	109.379	ug/l	96
26) 2,2-Dichloropropane	7.17	77	40455	23.535	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25899	21.450	ug/l	99
28) Bromochloromethane	7.52	49	14145	19.799	ug/l	99
29) Tetrahydrofuran	7.54	42	18278	107.806	ug/l	100
30) Chloroform	7.68	83	43080	21.214	ug/l	99
31) Cyclohexane	7.96	56	46382	22.876	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	43174	23.603	ug/l	99
36) 1,1-Dichloropropene	8.09	75	37712	23.507	ug/l	99
37) Ethyl Acetate	7.26	43	13319	22.910	ug/l	98
38) Carbon Tetrachloride	8.07	117	37747	24.571	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	44593	22.212	ug/l	93
40) Benzene	8.33	78	96951	22.388	ug/l	98
41) Methacrylonitrile	7.49	41	8226	22.785	ug/l	97
42) 1,2-Dichloroethane	8.40	62	28217	22.443	ug/l	100
43) Isopropyl Acetate	8.43	43	25183	22.731	ug/l	98
44) Trichloroethene	9.09	130	28515	23.489	ug/l	95
45) 1,2-Dichloropropane	9.37	63	24416	22.872	ug/l	92
46) Dibromomethane	9.46	93	12337	23.078	ug/l	97
47) Bromodichloromethane	9.65	83	32533	23.098	ug/l	100
48) Methyl methacrylate	9.44	41	11818	22.123	ug/l	99
49) 1,4-Dioxane	9.48	88	3387	426.270	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	61395	109.660	ug/l	98
52) Toluene	10.39	92	64645	21.935	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	30875	22.629	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	37785	22.922	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17551	22.315	ug/l	97
56) Ethyl methacrylate	10.65	69	20696	22.669	ug/l	96
57) 1,3-Dichloropropane	10.93	76	28693	21.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	49292	103.320	ug/l	100
59) 2-Hexanone	10.97	43	42688	111.343	ug/l	98
60) Dibromochloromethane	11.13	129	20506	22.881	ug/l	99
61) 1,2-Dibromoethane	11.24	107	15611	21.697	ug/l	97
64) Tetrachloroethene	10.87	164	22078	23.098	ug/l	95
65) Chlorobenzene	11.66	112	68351	22.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	21805	23.243	ug/l	97
67) Ethyl Benzene	11.74	91	125106	21.960	ug/l	99
68) m/p-Xylenes	11.84	106	99337	44.444	ug/l	99
69) o-Xylene	12.17	106	46797	22.205	ug/l	97
70) Styrene	12.18	104	74292	22.149	ug/l	98
71) Bromoform	12.35	173	10528	23.823	ug/l #	97
73) Isopropylbenzene	12.47	105	128040	21.173	ug/l	99
74) N-amyl acetate	12.27	43	21754	21.464	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	16877	20.971	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	24094	39.407	ug/l #	100
77) Bromobenzene	12.75	156	27979	21.542	ug/l	96
78) n-propylbenzene	12.81	91	154289	21.063	ug/l	99
79) 2-Chlorotoluene	12.90	91	88588	20.975	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	111672	21.355	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5144	21.122	ug/l	95
82) 4-Chlorotoluene	12.99	91	92705	20.916	ug/l	99
83) tert-Butylbenzene	13.21	119	95908	21.184	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	112413	21.576	ug/l	99
85) sec-Butylbenzene	13.39	105	140886	22.027	ug/l	100
86) p-Isopropyltoluene	13.51	119	124305	22.029	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	57701	21.761	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	55587	21.026	ug/l	97
89) n-Butylbenzene	13.83	91	114224	21.511	ug/l	98
90) Hexachloroethane	14.10	117	18217	22.113	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	49681	21.383	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2987	21.976	ug/l	95

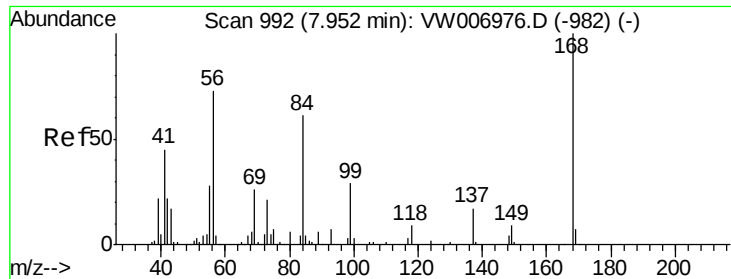
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32374	21.131	ug/l	100
94) Hexachlorobutadiene	15.24	225	18377	22.064	ug/l	95
95) Naphthalene	15.38	128	55468	19.945	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	26723	21.024	ug/l	98

(#) = 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: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

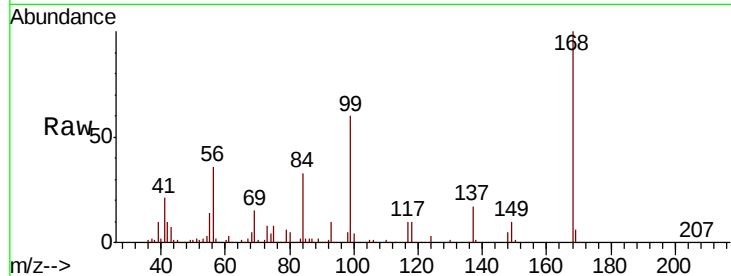
VW1127SBSD01

Tot Ion:168 Resp: 107531

Ion Ratio Lower Upper

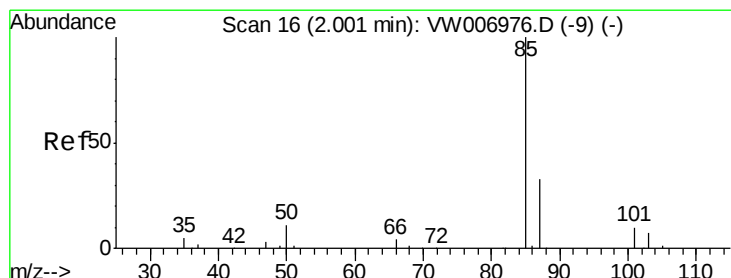
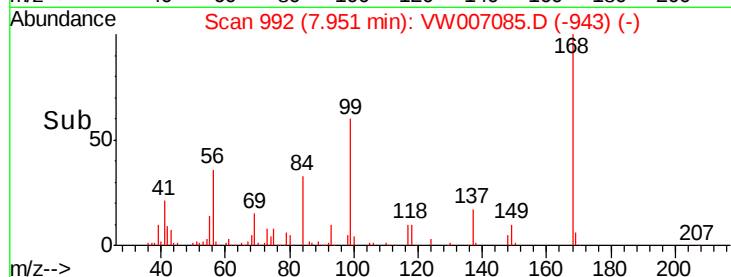
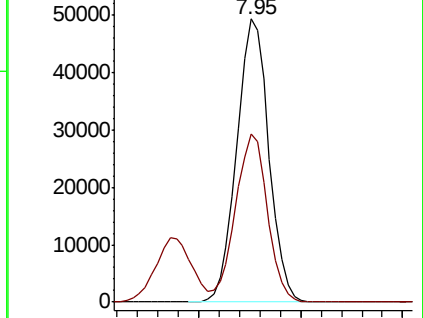
168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 24.022 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007085.D

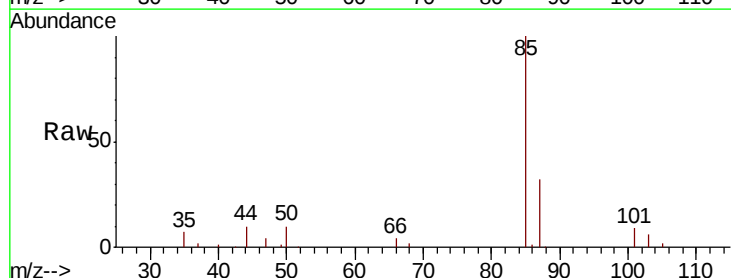
Acq: 27 Nov 2018 14:13

Tgt Ion: 85 Resp: 25504

Ion Ratio Lower Upper

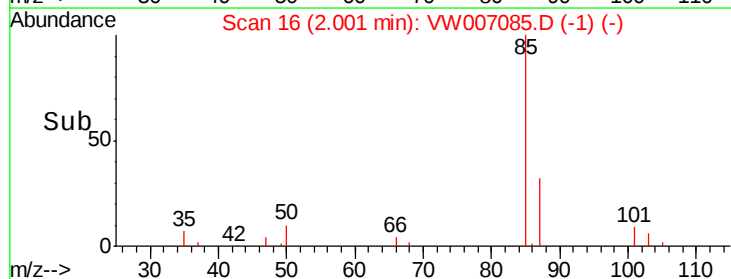
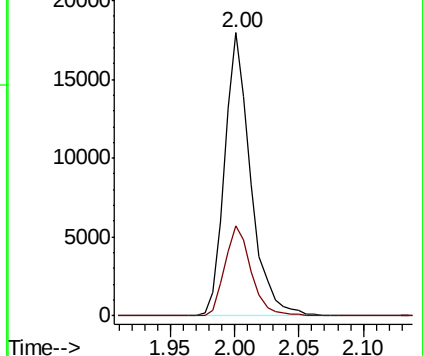
85 100

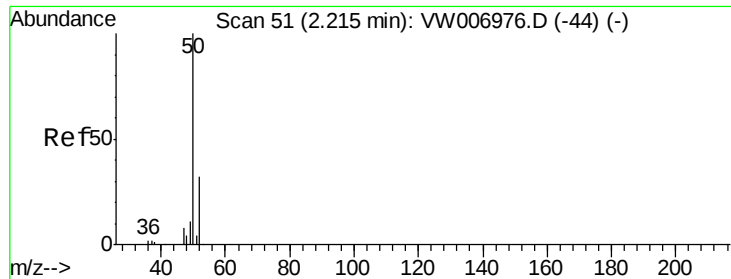
87 31.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.954 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

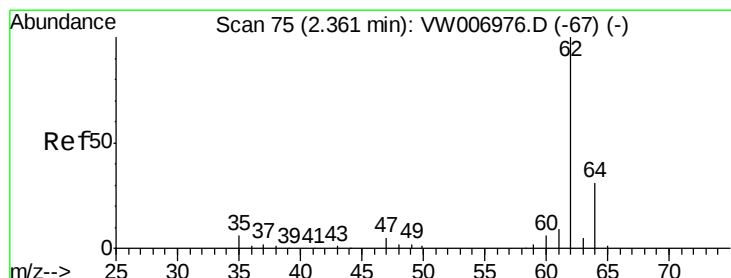
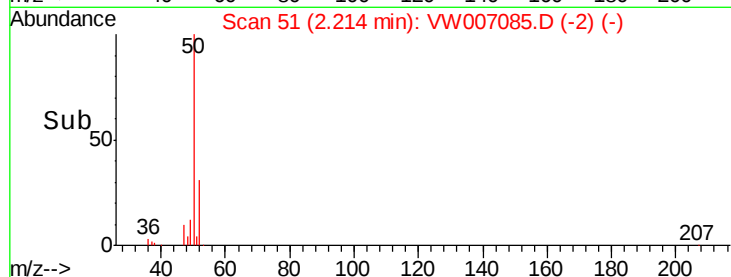
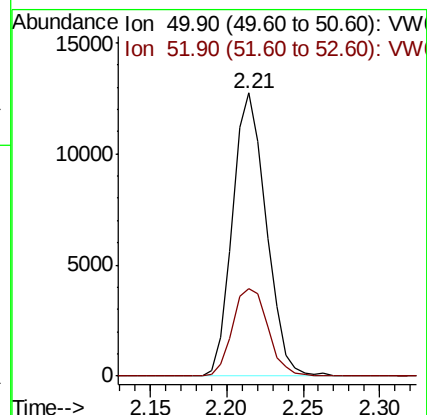
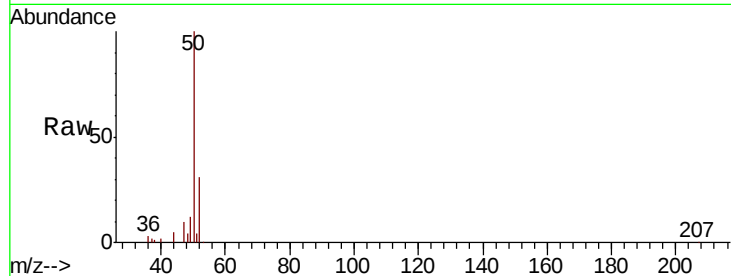
VW1127SBSD01

Tot Ion: 50 Resp: 19425

Ion Ratio Lower Upper

50 100

52 30.8 25.7 38.5



#4

Vinyl Chloride

Concen: 21.688 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007085.D

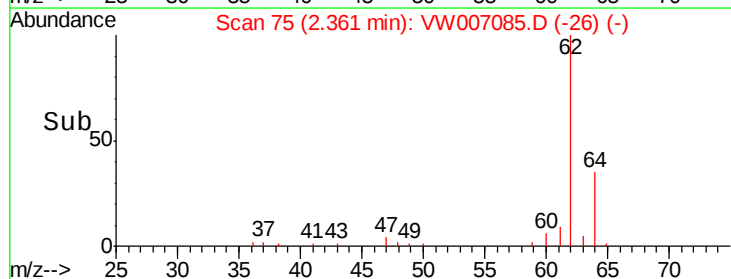
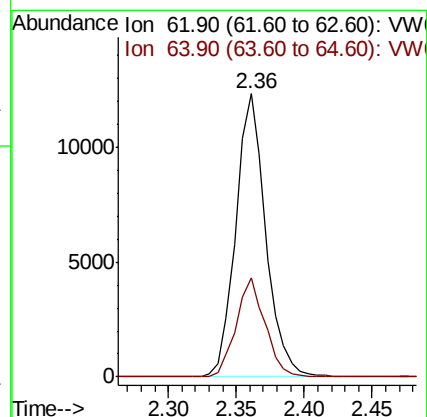
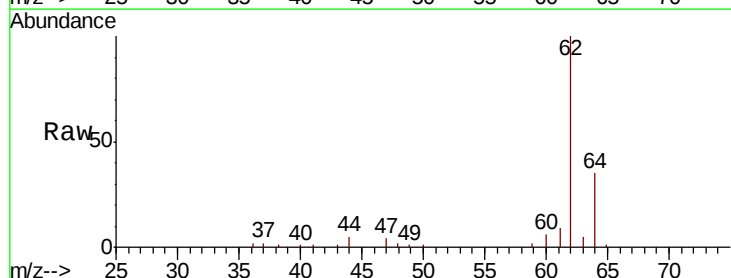
Acq: 27 Nov 2018 14:13

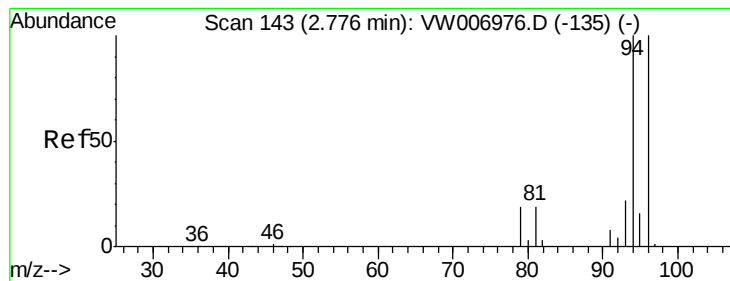
Tgt Ion: 62 Resp: 18880

Ion Ratio Lower Upper

62 100

64 35.1 25.2 37.8





#5

Bromomethane

Concen: 22.516 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

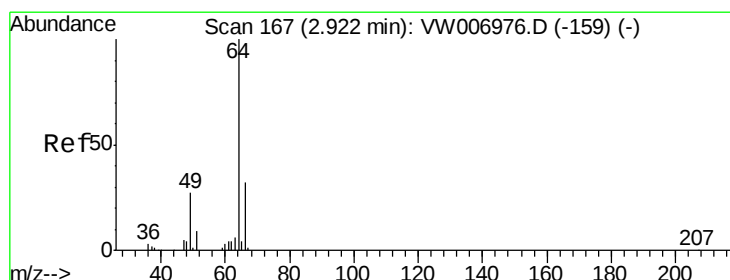
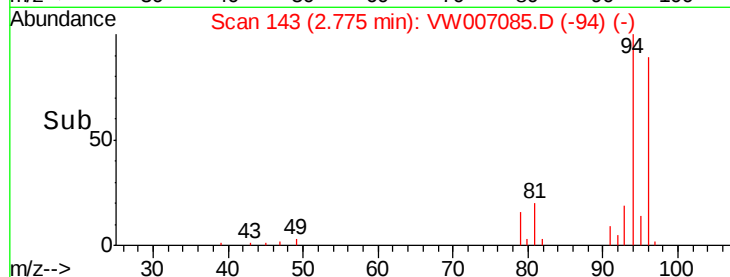
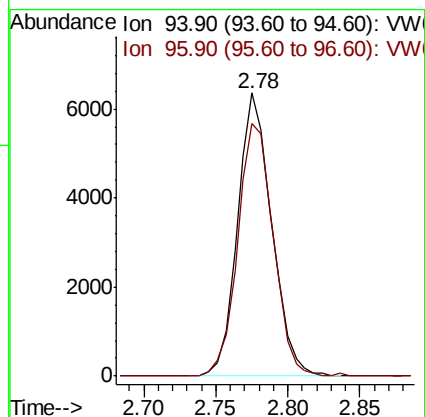
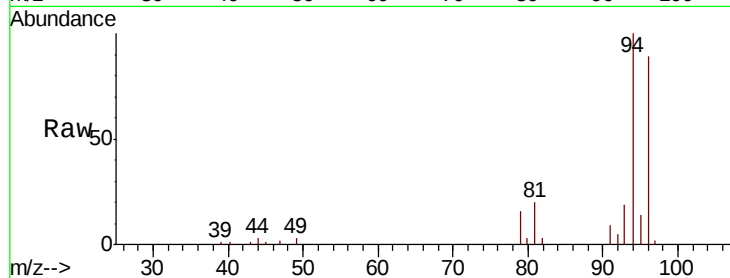
VW1127SBSD01

Tot Ion: 94 Resp: 10462

Ion Ratio Lower Upper

94 100

96 89.2 80.2 120.2



#6

Chloroethane

Concen: 21.839 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007085.D

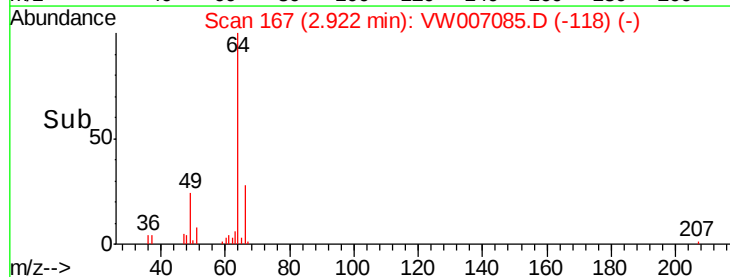
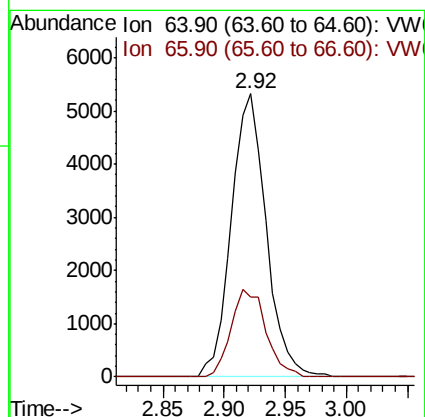
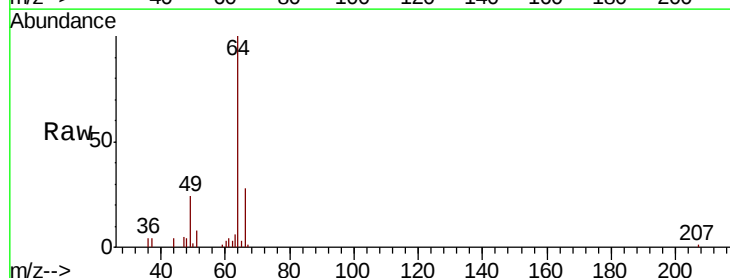
Acq: 27 Nov 2018 14:13

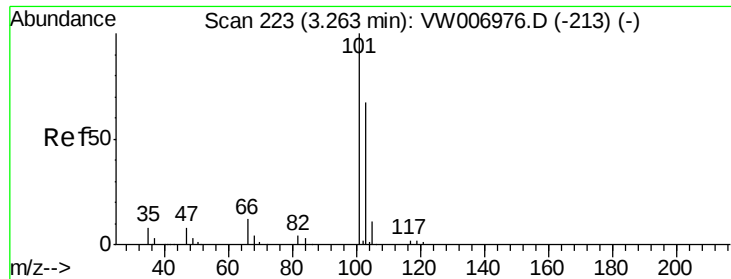
Tgt Ion: 64 Resp: 10480

Ion Ratio Lower Upper

64 100

66 28.2 25.3 37.9



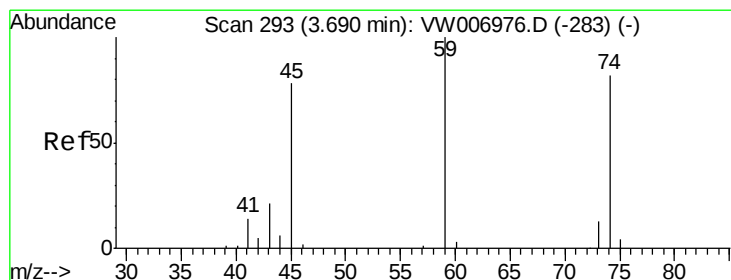
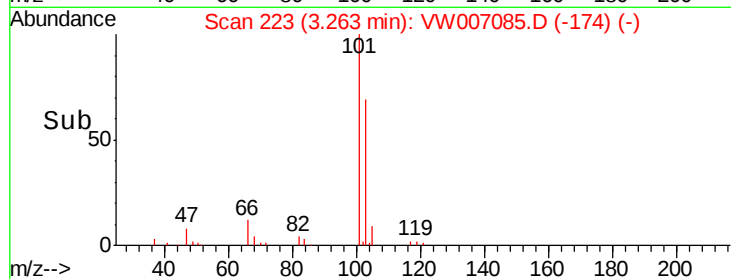
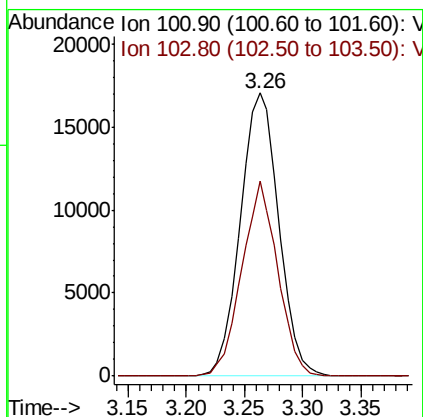
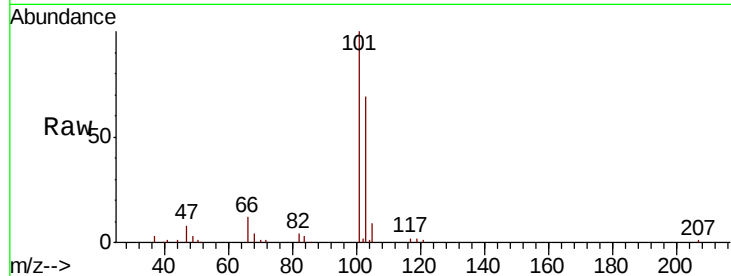


#7

Trichlorofluoromethane
 Concen: 22.925 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Instrument :
 MSVOA_W
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 VW1127SBSD01

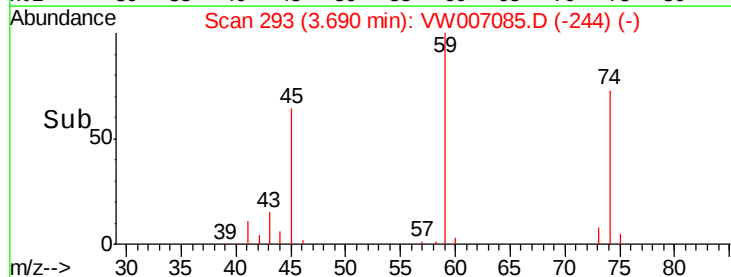
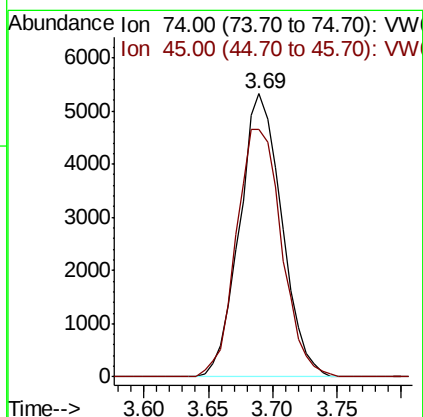
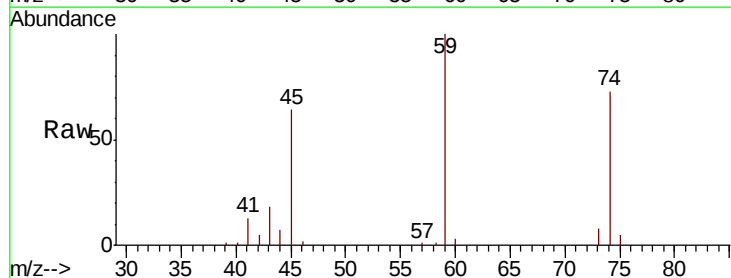
Tot Ion:101 Resp: 39243
 Ion Ratio Lower Upper
 101 100
 103 68.8 53.4 80.2

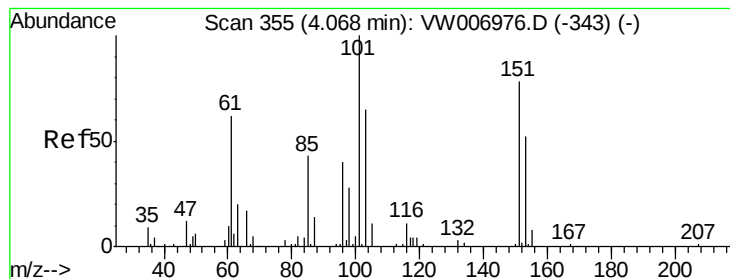


#8

Diethyl Ether
 Concen: 21.921 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Tgt Ion: 74 Resp: 12091
 Ion Ratio Lower Upper
 74 100
 45 94.0 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.293 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBS01

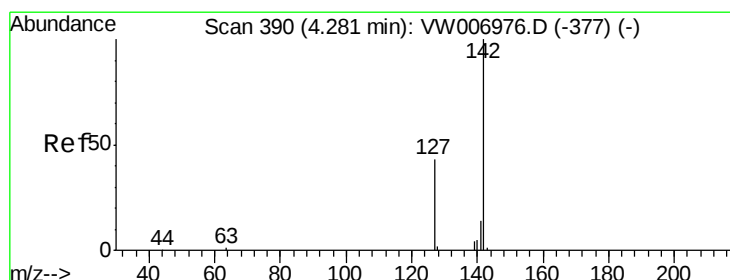
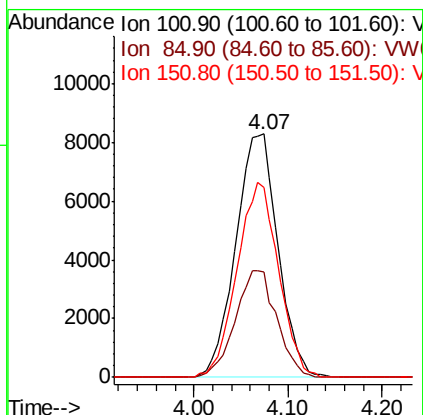
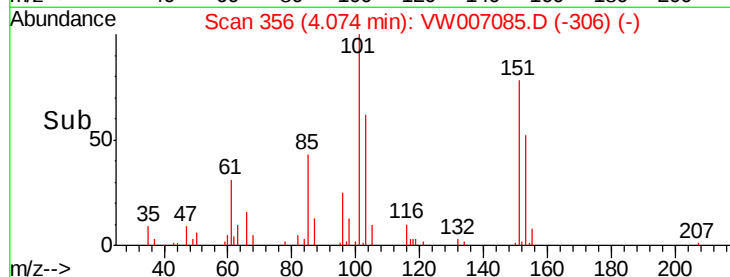
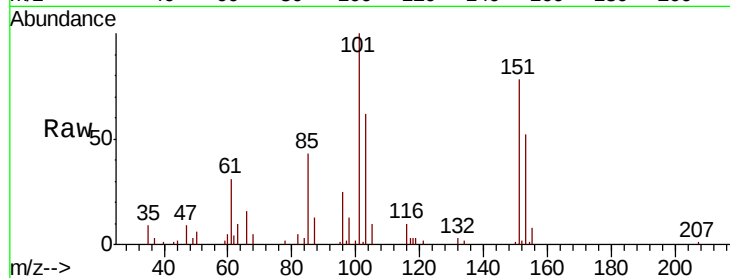
Tot Ion:101 Resp: 25849

Ion Ratio Lower Upper

101 100

85 43.0 34.3 51.5

151 78.9 63.4 95.2



#10

Methyl Iodide

Concen: 18.557 ug/l

RT: 4.27 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

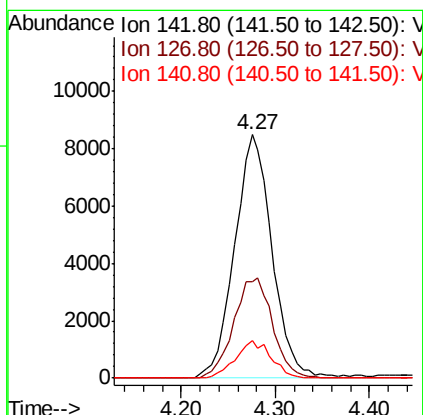
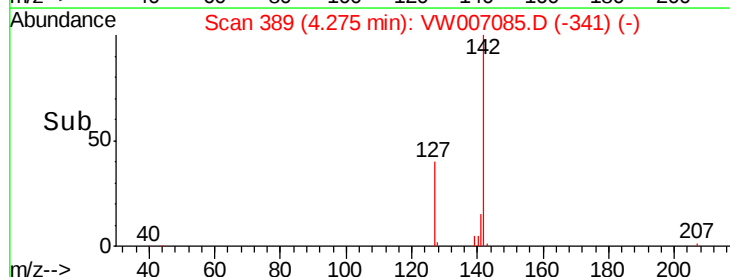
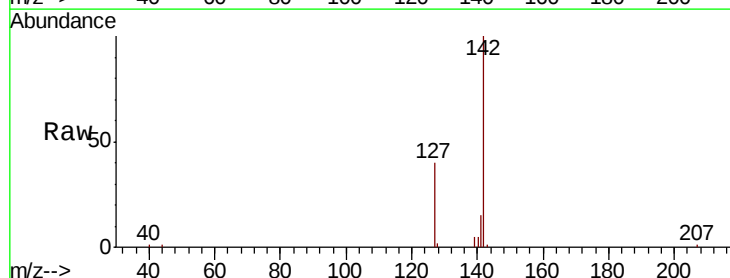
Tgt Ion:142 Resp: 23574

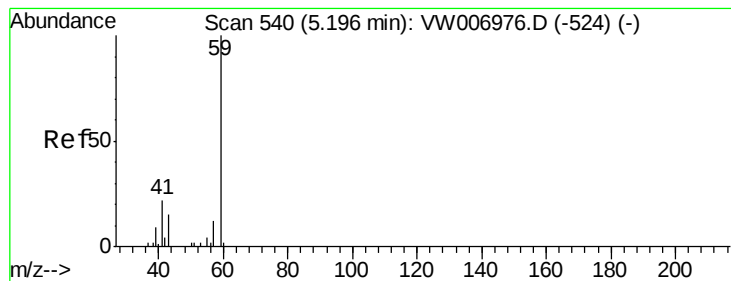
Ion Ratio Lower Upper

142 100

127 42.6 35.3 52.9

141 14.4 11.7 17.5



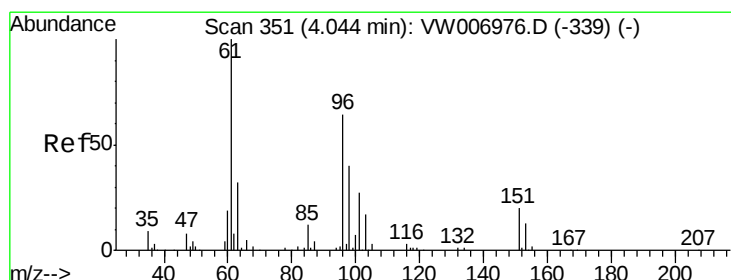
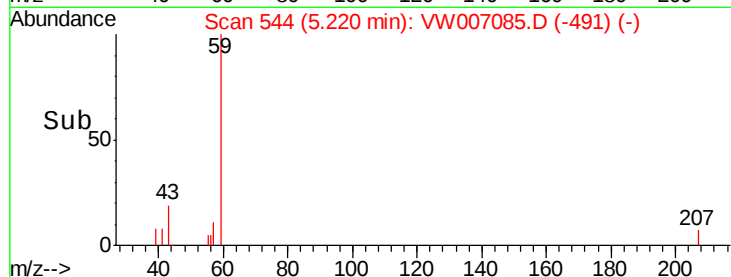
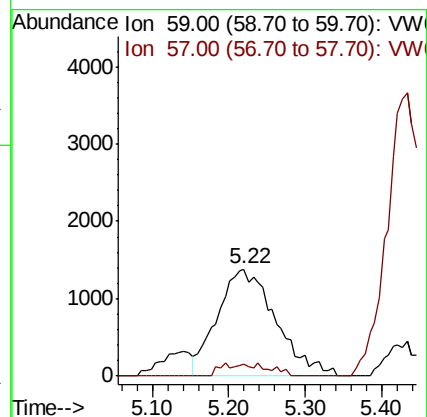
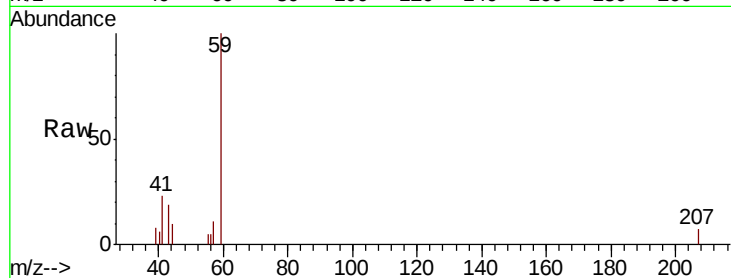


#11

Tert butyl alcohol
Concen: 106.474 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
VW1127SBS01

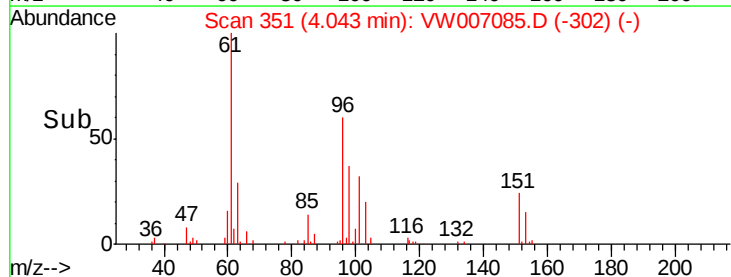
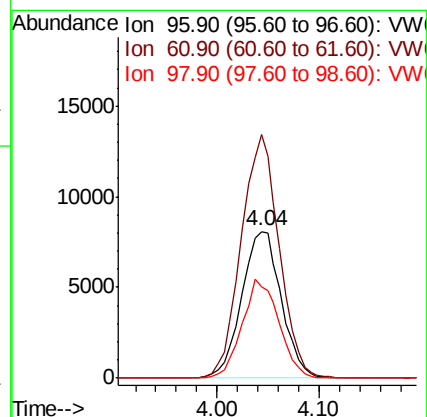
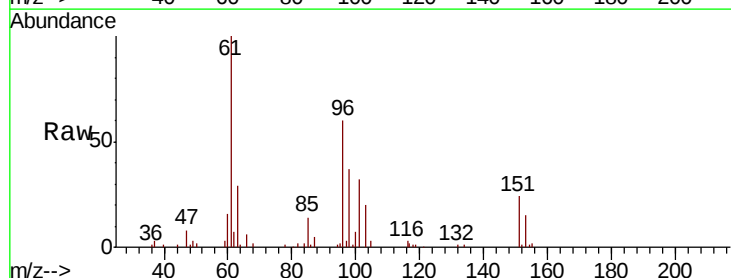
Tot Ion: 59 Resp: 7297
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

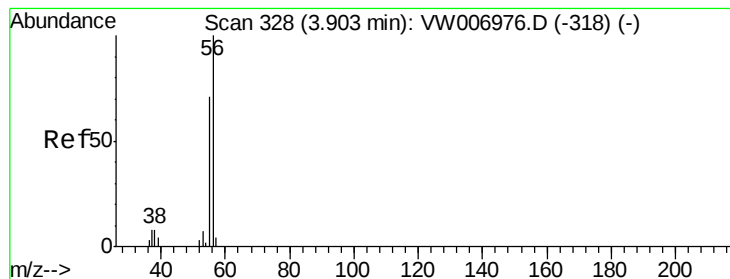


#12

1,1-Dichloroethene
Concen: 22.333 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 96 Resp: 21737
Ion Ratio Lower Upper
96 100
61 166.4 124.3 186.5
98 62.4 49.4 74.2





#13

Acrolein

Concen: 99.530 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

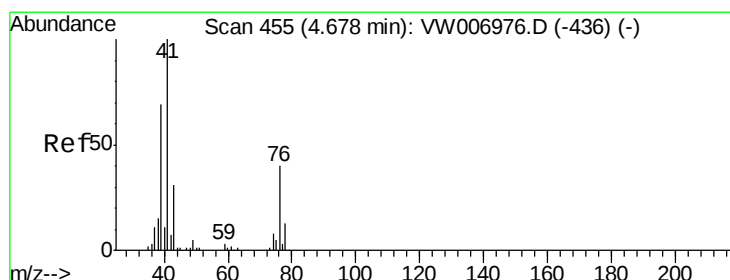
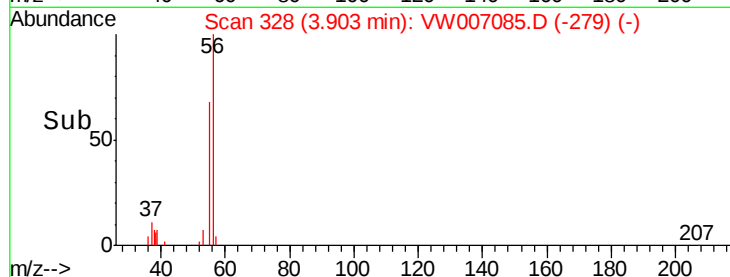
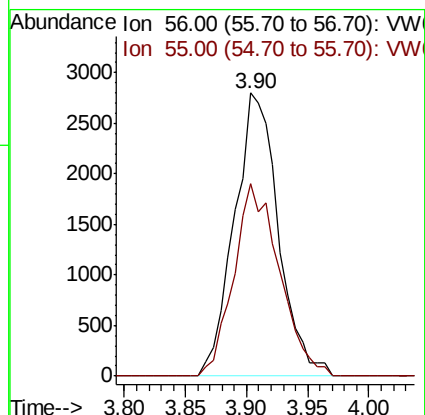
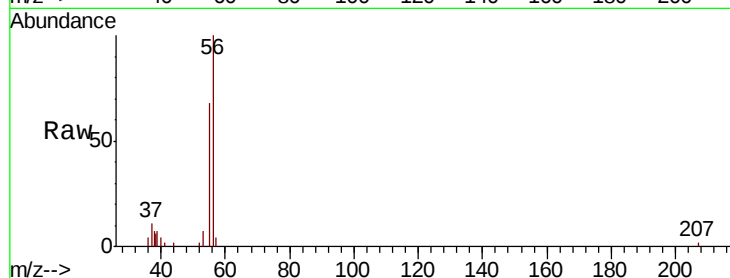
VW1127SBSD01

Tot Ion: 56 Resp: 7005

Ion Ratio Lower Upper

56 100

55 70.4 57.5 86.3



#14

Allyl chloride

Concen: 21.320 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

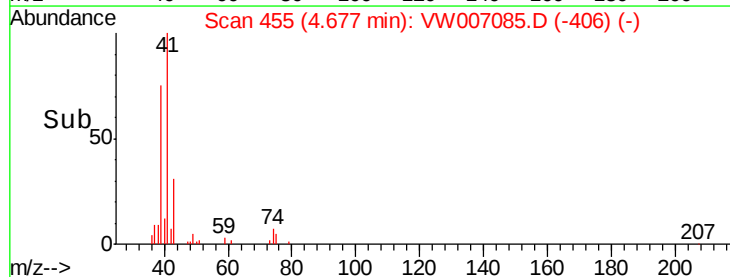
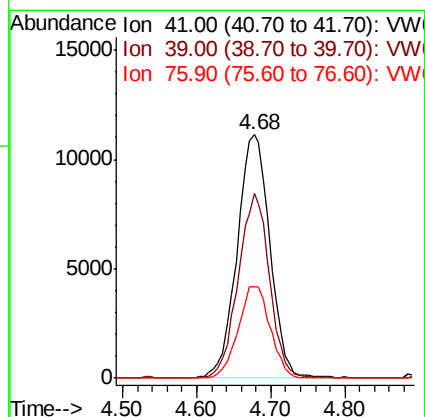
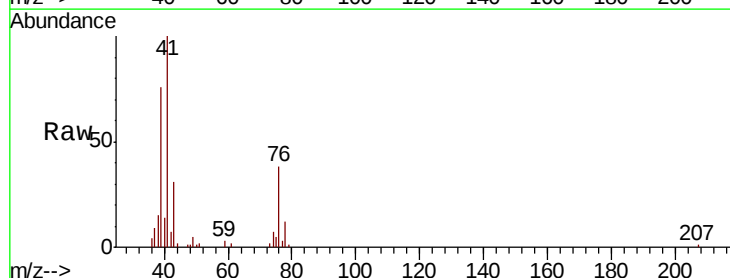
Tgt Ion: 41 Resp: 34418

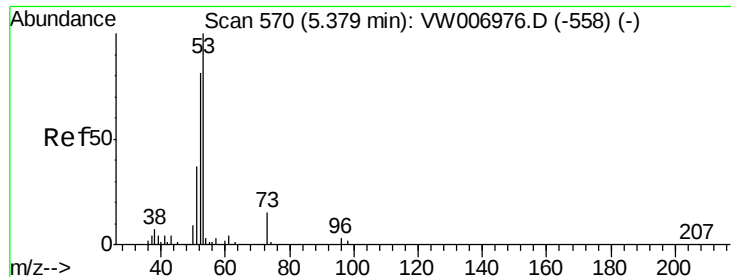
Ion Ratio Lower Upper

41 100

39 71.9 55.4 83.2

76 36.8 29.6 44.4





#15

Acrylonitrile

Concen: 109.427 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBS01

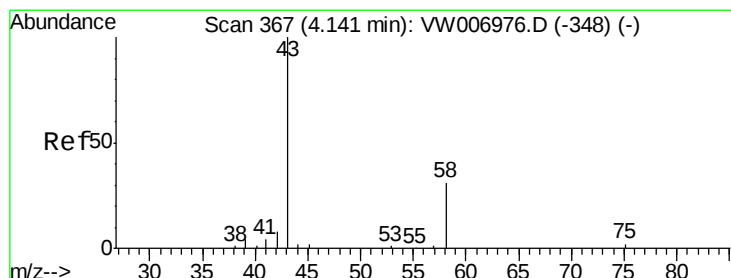
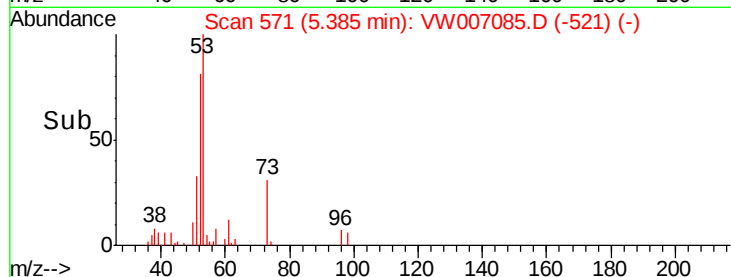
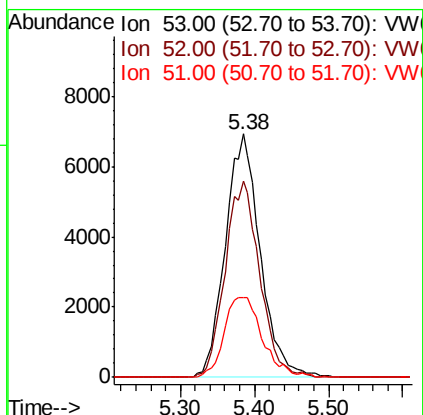
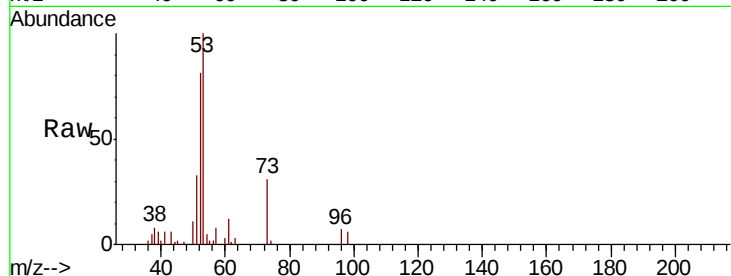
Tot Ion: 53 Resp: 22685

Ion Ratio Lower Upper

53 100

52 79.6 65.7 98.5

51 36.3 29.9 44.9



#16

Acetone

Concen: 108.847 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007085.D

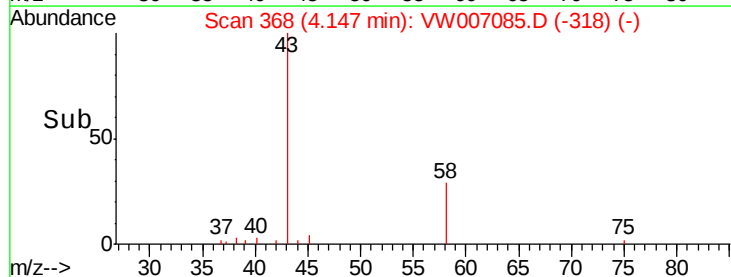
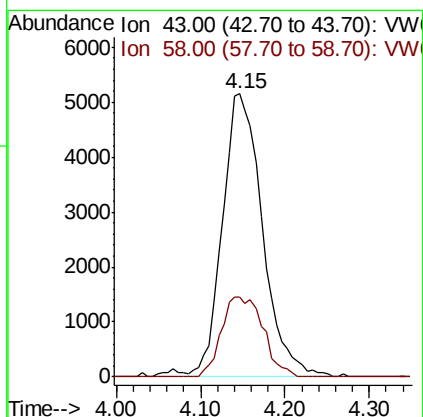
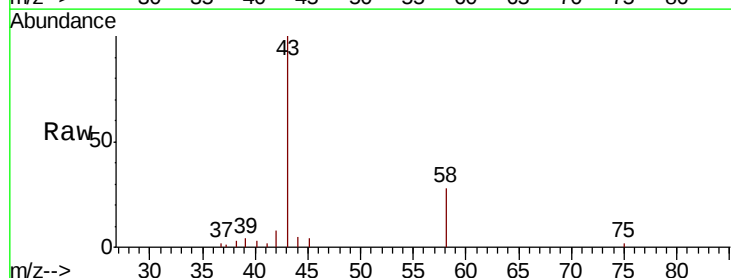
Acq: 27 Nov 2018 14:13

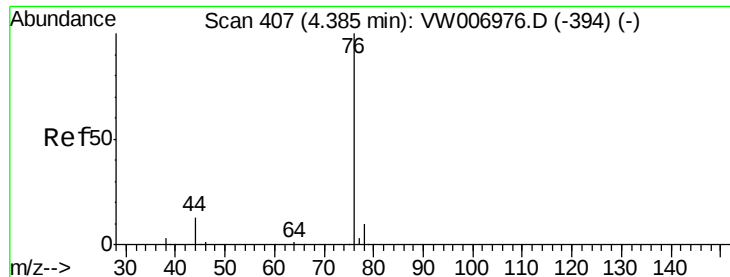
Tgt Ion: 43 Resp: 16637

Ion Ratio Lower Upper

43 100

58 28.4 24.8 37.2

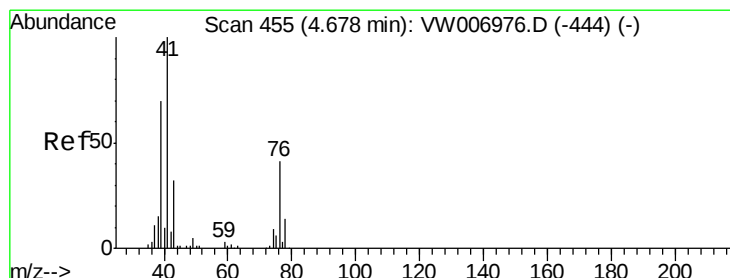
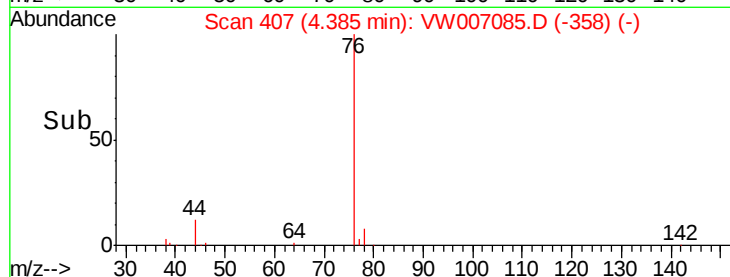
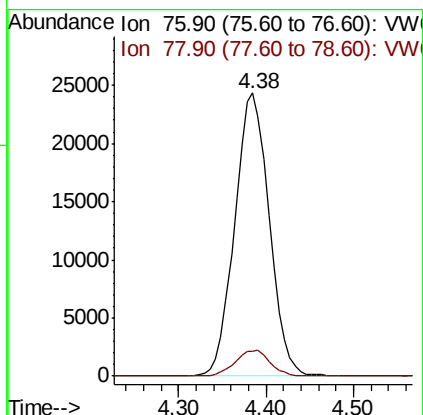
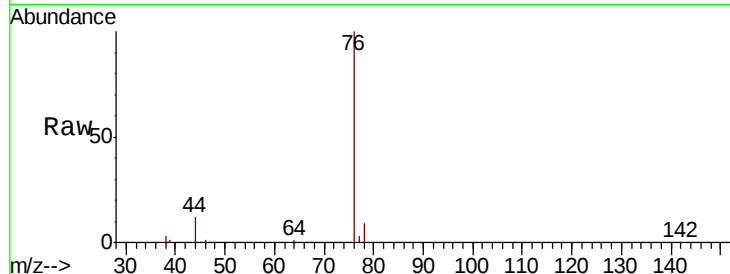




#17
Carbon Disulfide
Concen: 21.212 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

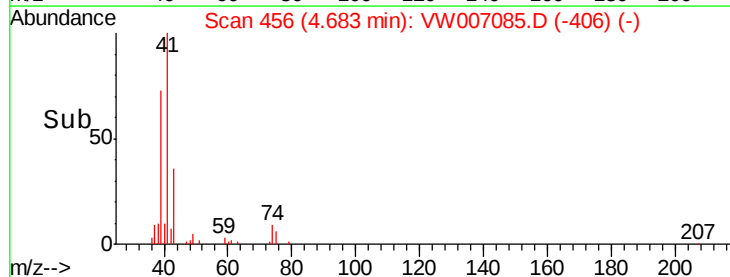
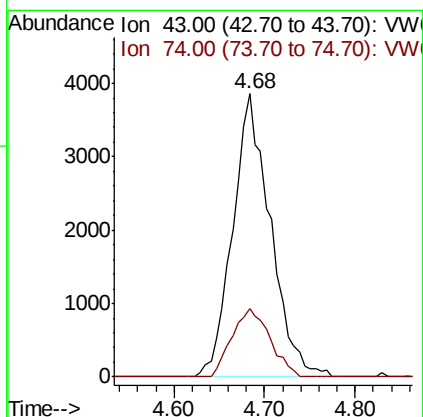
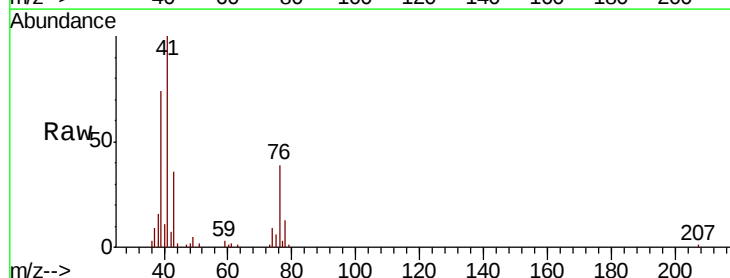
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

Tot Ion: 76 Resp: 66748
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6



#18
Methyl Acetate
Concen: 20.360 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 43 Resp: 11082
Ion Ratio Lower Upper
43 100
74 24.3 20.1 30.1

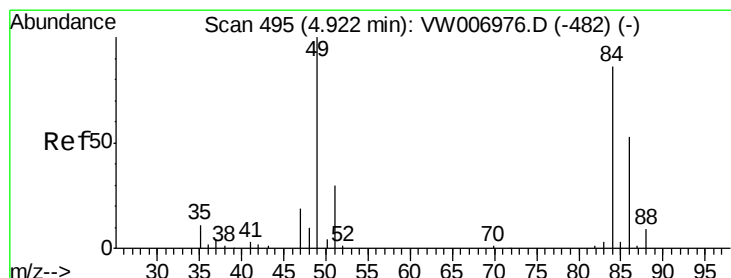
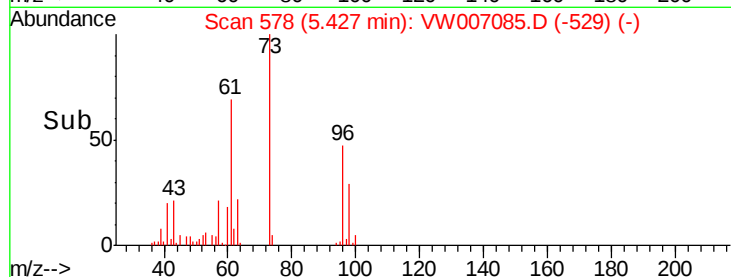
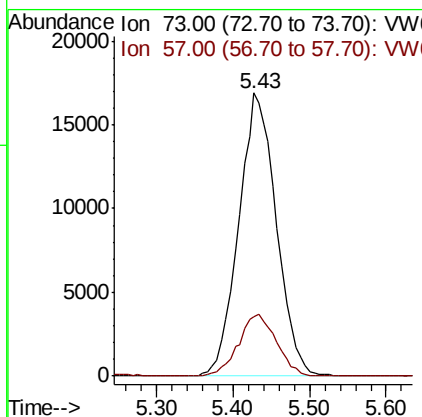
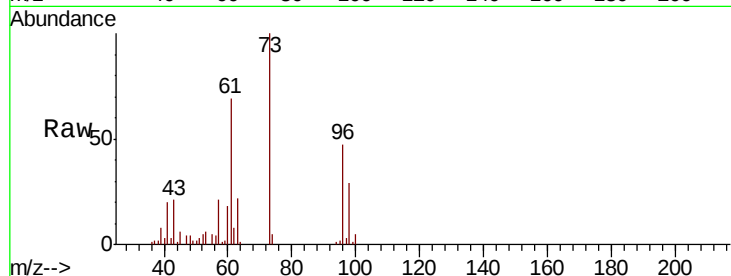




#19
Methvl tert-butvl Ether
Concen: 22.628 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

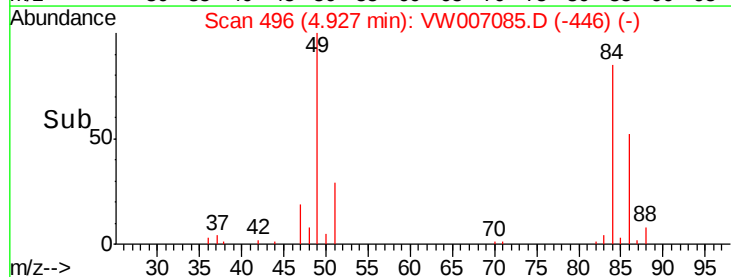
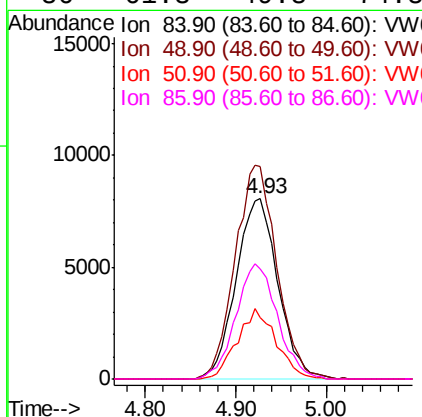
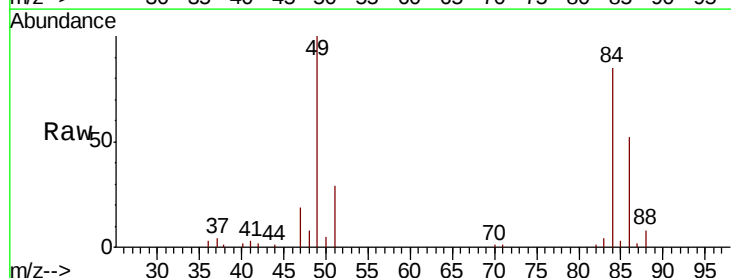
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

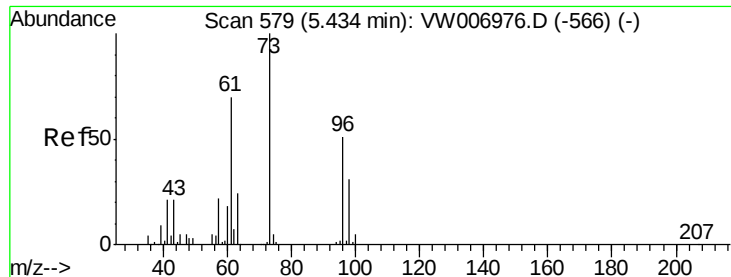
Tot Ion: 73 Resp: 57507
Ion Ratio Lower Upper
73 100
57 21.2 16.7 25.1



#20
Methylene Chloride
Concen: 17.759 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 84 Resp: 25873
Ion Ratio Lower Upper
84 100
49 117.9 93.4 140.0
51 34.2 28.4 42.6
86 61.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 21.786 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBSD01

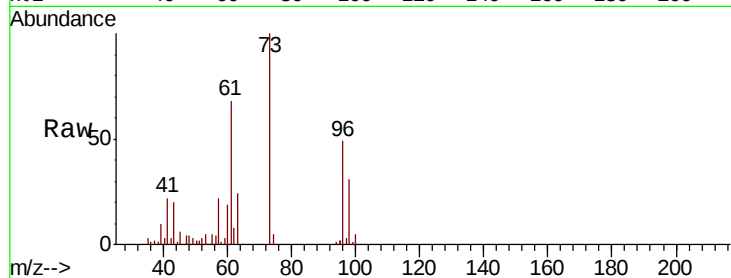
Tot Ion: 96 Resp: 24701

Ion Ratio Lower Upper

96 100

61 137.9 109.4 164.0

98 62.6 48.3 72.5

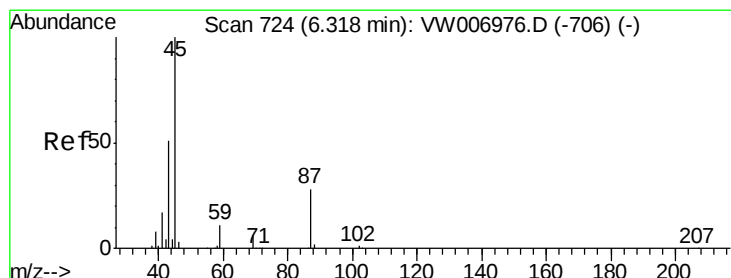
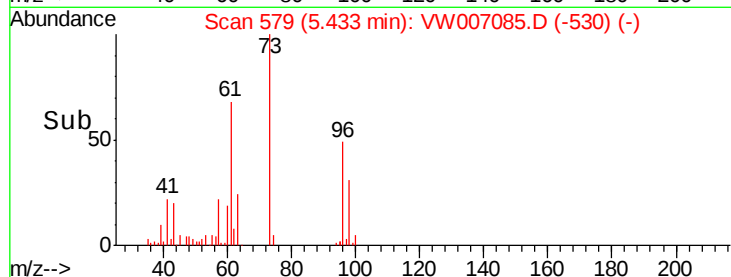
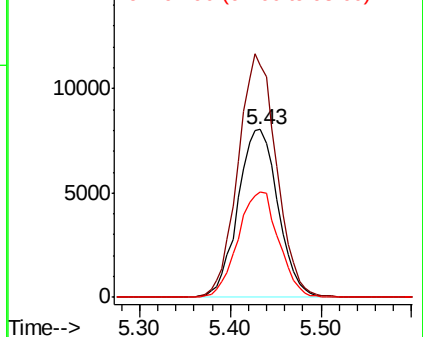


Abundance

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: 21.498 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Tgt Ion: 45 Resp: 67550

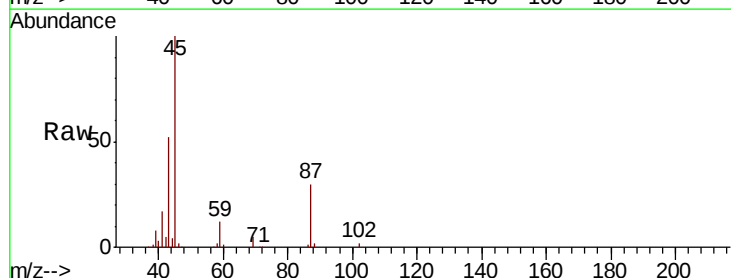
Ion Ratio Lower Upper

45 100

43 51.0 42.5 63.7

87 30.3 22.8 34.2

59 11.8 9.1 13.7



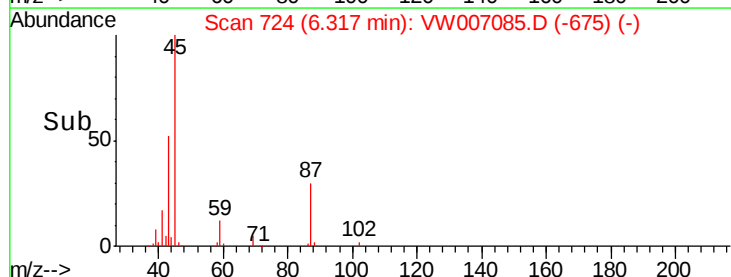
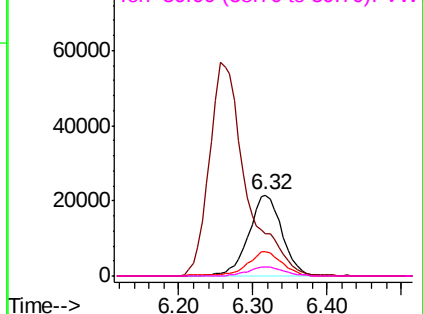
Abundance

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: 116.468 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

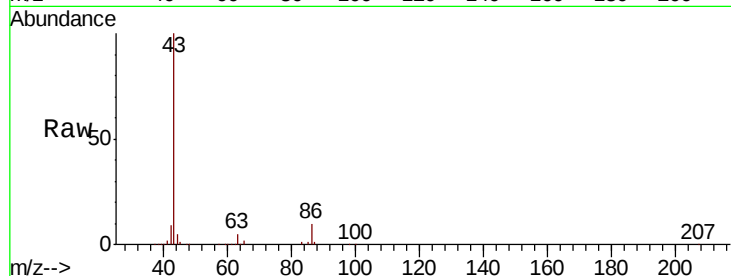
VW1127SBS01

Tot Ion: 43 Resp: 194339

Ion Ratio Lower Upper

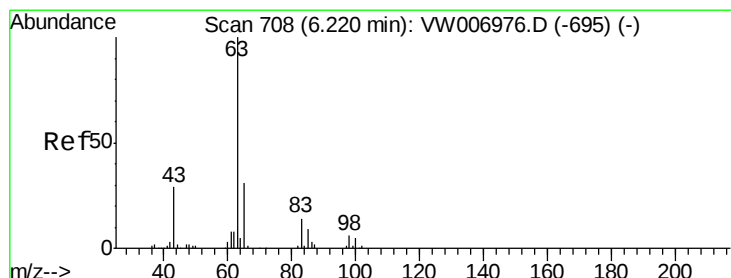
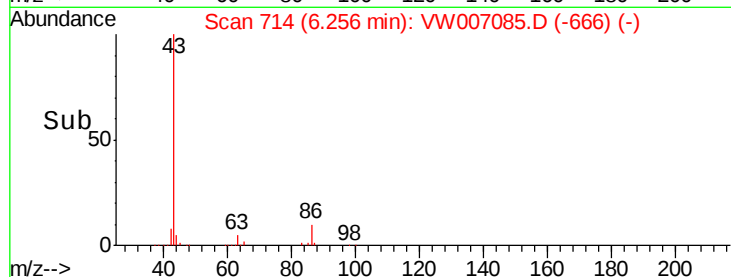
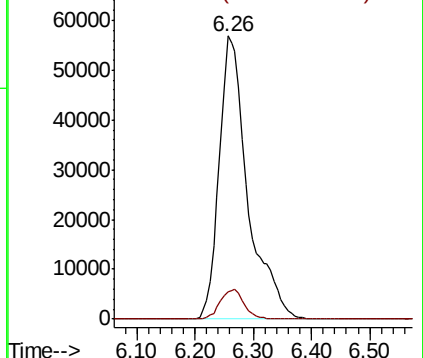
43 100

86 9.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.345 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

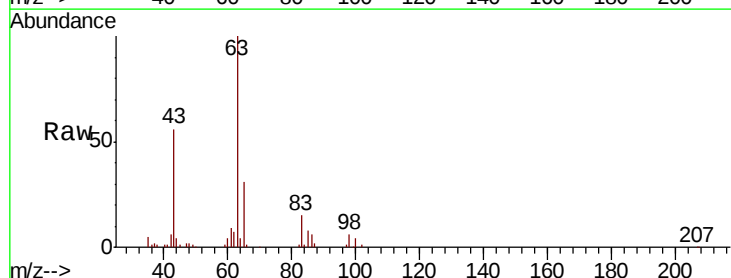
Tgt Ion: 63 Resp: 40802

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

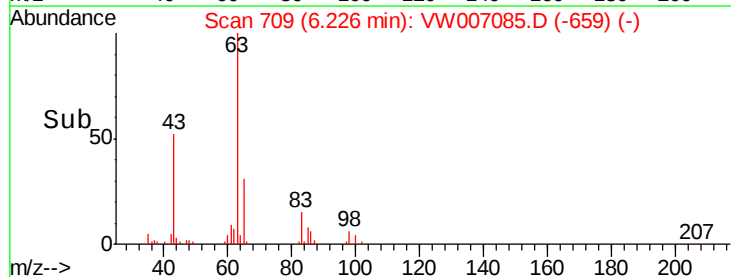
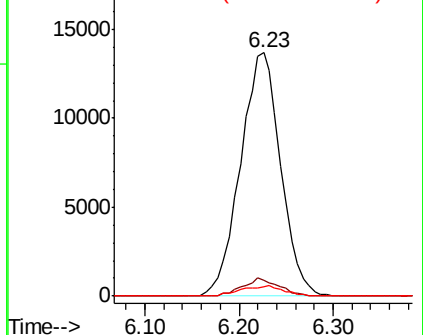
100 3.7 2.3 6.9

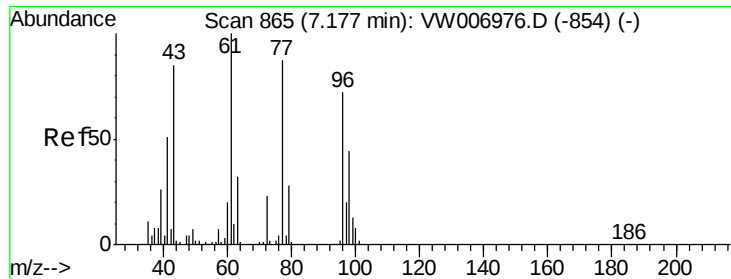


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 109.379 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

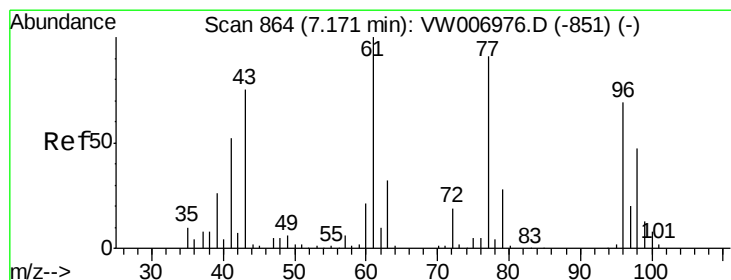
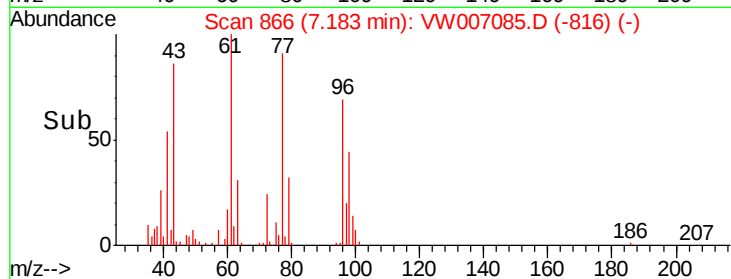
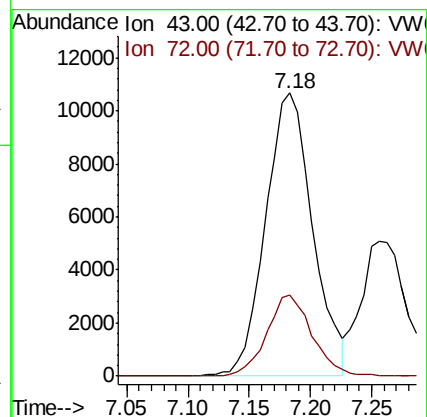
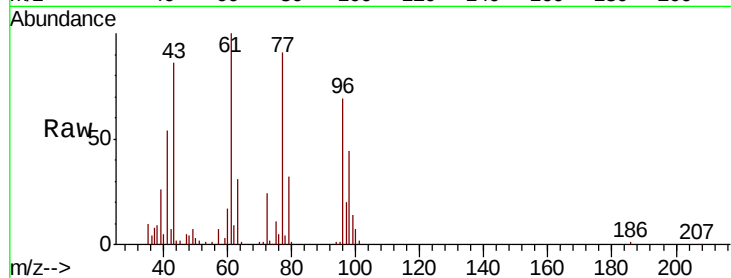
VW1127SBS01

Tot Ion: 43 Resp: 28634

Ion Ratio Lower Upper

43 100

72 28.5 21.3 31.9



#26

2,2-Dichloropropane

Concen: 23.535 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007085.D

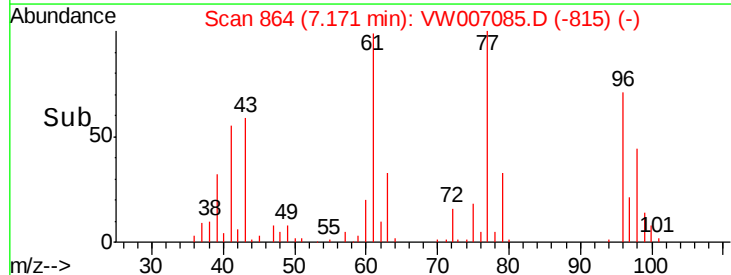
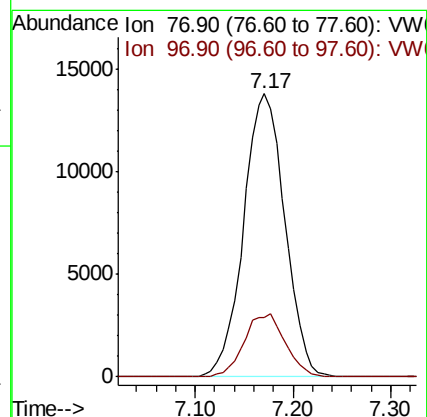
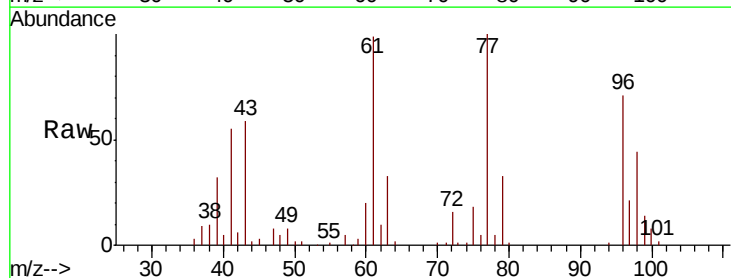
Acq: 27 Nov 2018 14:13

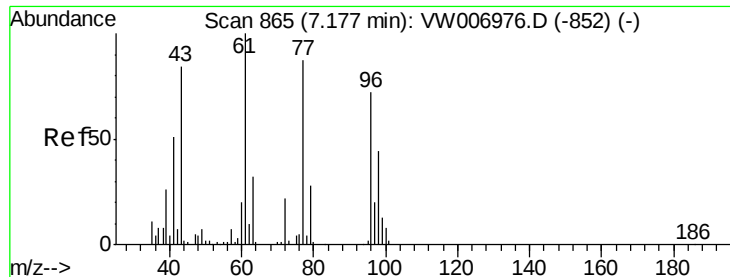
Tgt Ion: 77 Resp: 40455

Ion Ratio Lower Upper

77 100

97 22.1 11.4 34.1



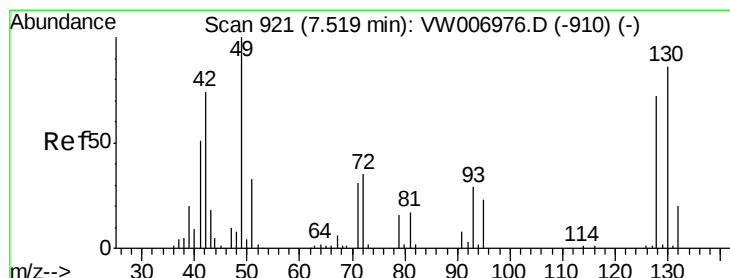
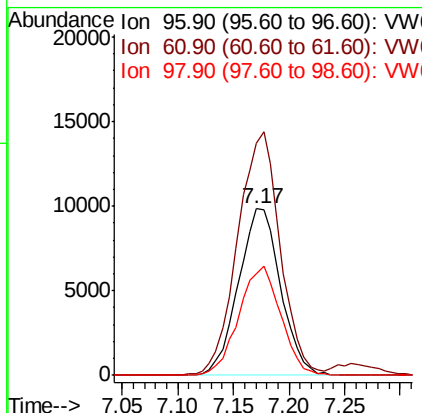
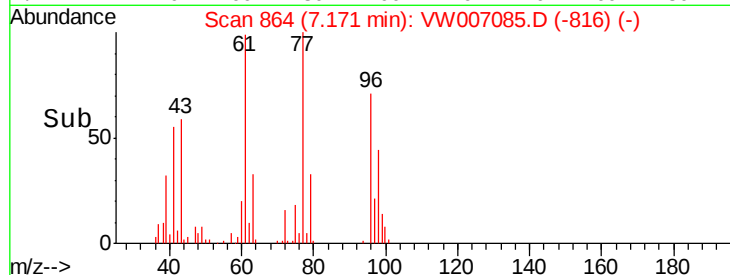
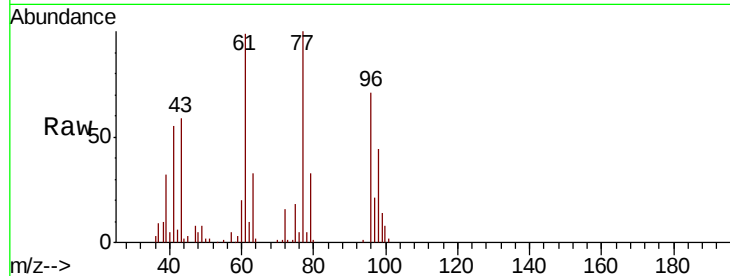


#27

cis-1,2-Dichloroethene
Concen: 21.450 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

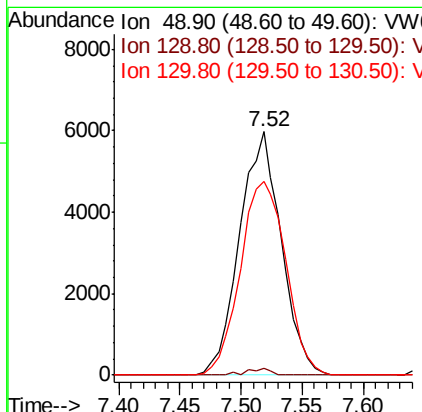
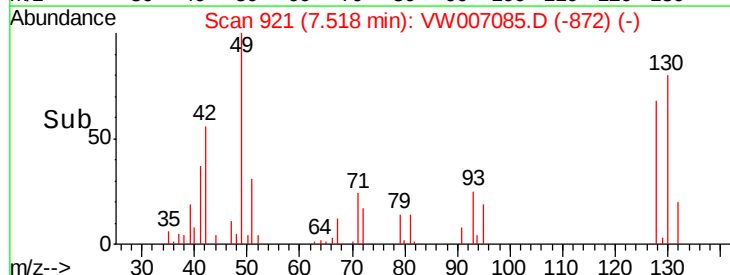
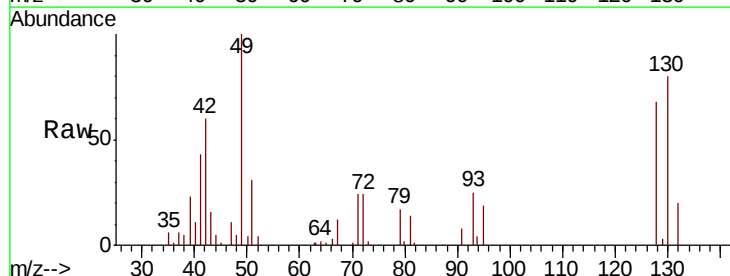
Tot Ion: 96 Resp: 25899
Ion Ratio Lower Upper
96 100
61 147.4 0.0 292.6
98 65.1 0.0 129.8

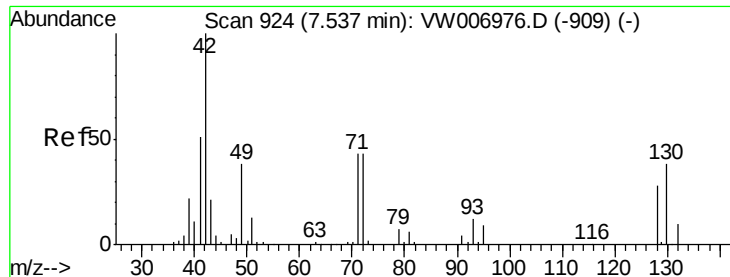


#28

Bromochloromethane
Concen: 19.799 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 49 Resp: 14145
Ion Ratio Lower Upper
49 100
129 1.5 0.0 2.0
130 86.9 69.0 103.4

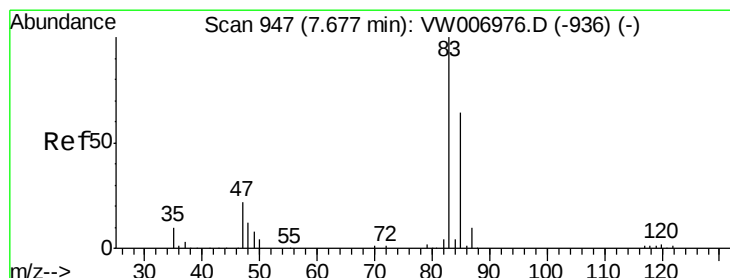
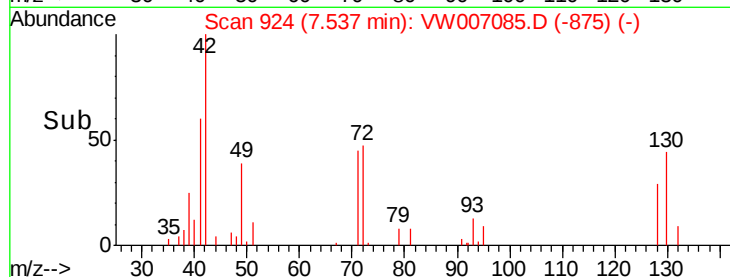
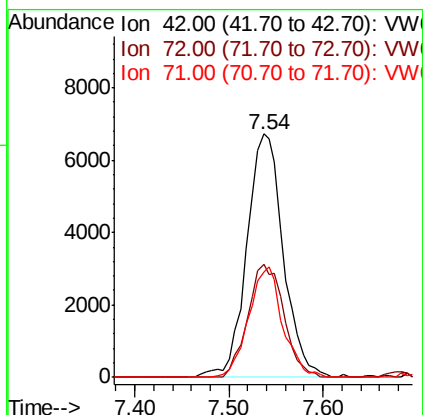
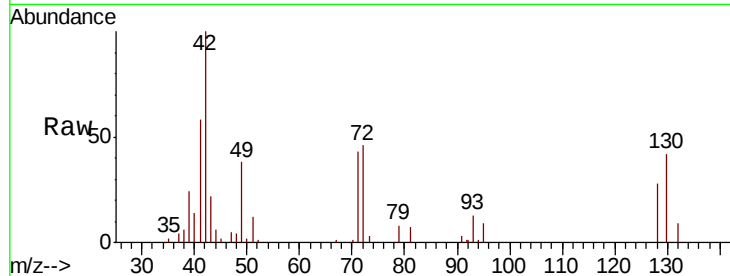




#29
Tetrahydrofuran
Concen: 107.806 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

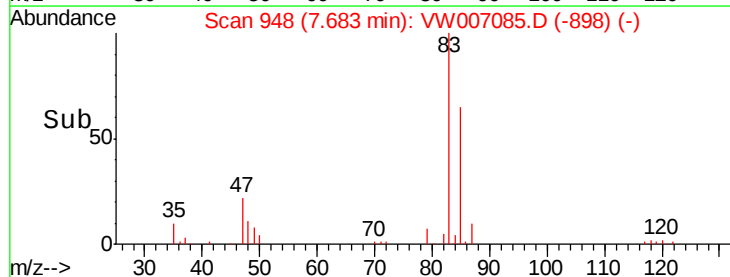
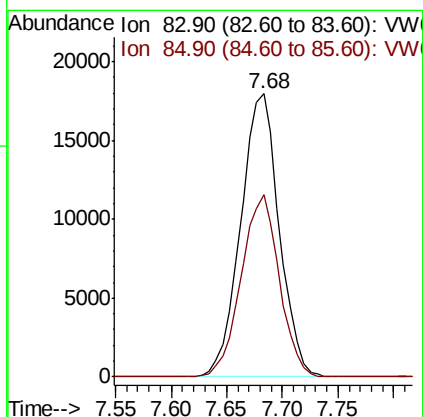
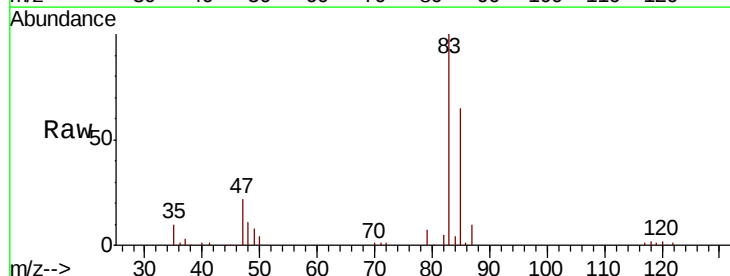
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBS01

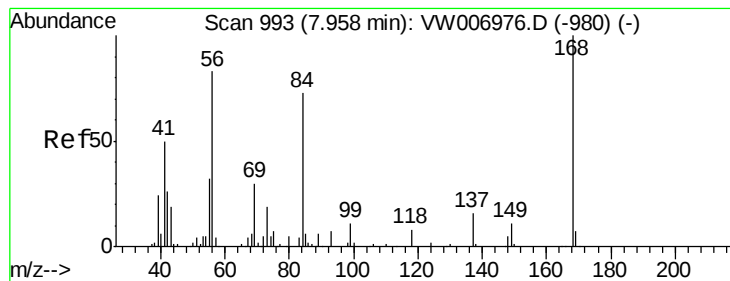
Tot Ion: 42 Resp: 18278
Ion Ratio Lower Upper
42 100
72 45.7 36.2 54.4
71 42.3 33.8 50.8



#30
Chloroform
Concen: 21.214 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 83 Resp: 43080
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3





#31

Cyclohexane

Concen: 22.876 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBS01

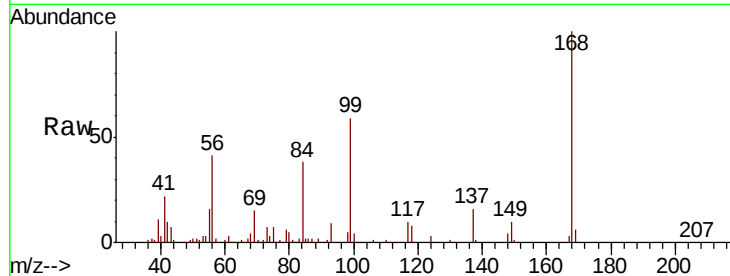
Tot Ion: 56 Resp: 46382

Ion Ratio Lower Upper

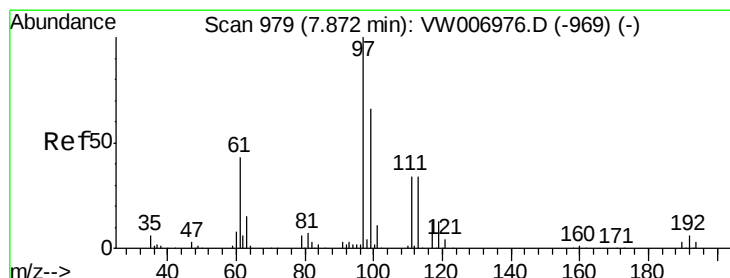
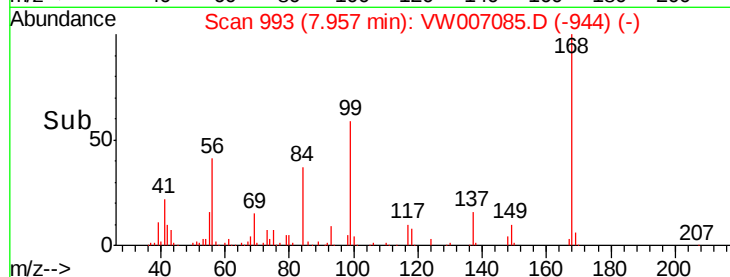
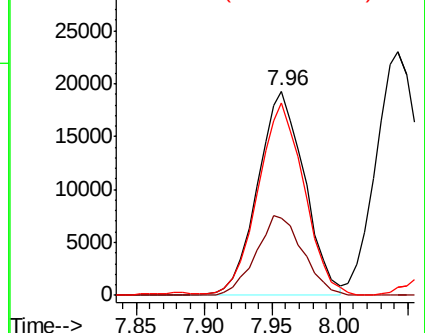
56 100

69 37.7 29.1 43.7

84 92.9 70.6 105.8



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



#32

1,1,1-Trichloroethane

Concen: 23.603 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

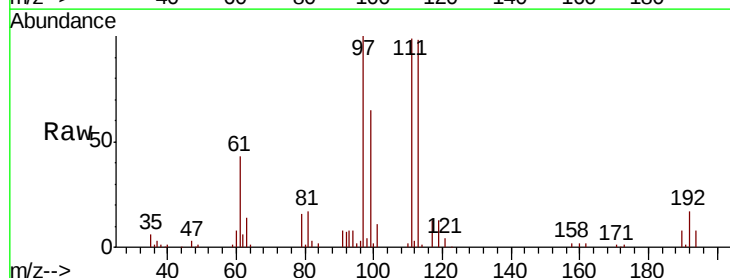
Tgt Ion: 97 Resp: 43174

Ion Ratio Lower Upper

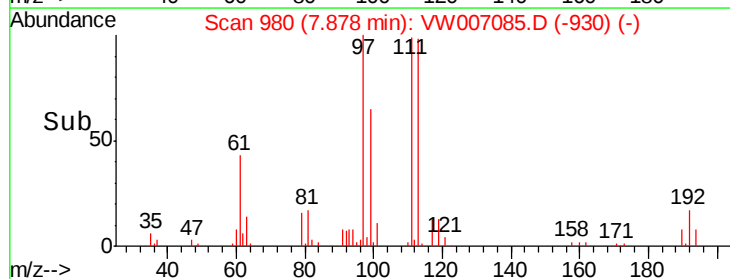
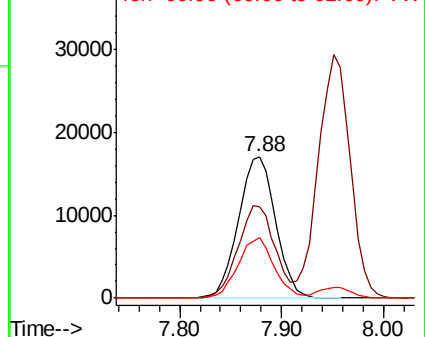
97 100

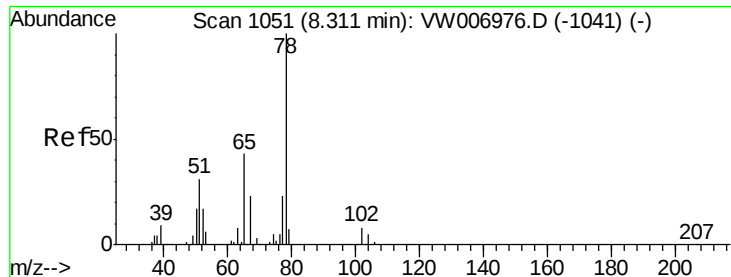
99 64.5 51.9 77.9

61 41.4 33.4 50.2



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





#33

1,2-Dichloroethane-d4

Concen: 50.672 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

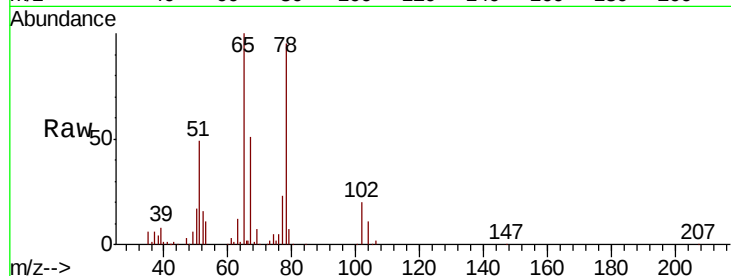
VW1127SBSD01

Tot Ion: 65 Resp: 53345

Ion Ratio Lower Upper

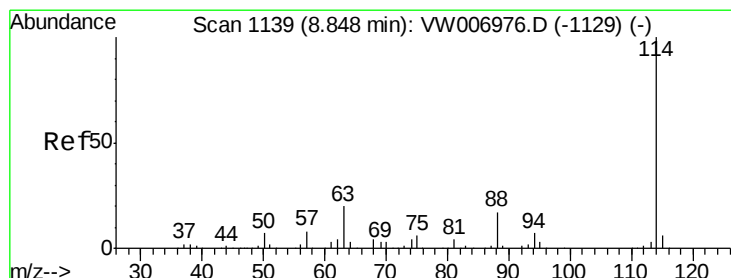
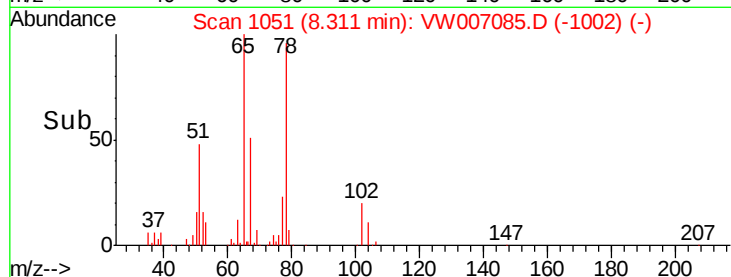
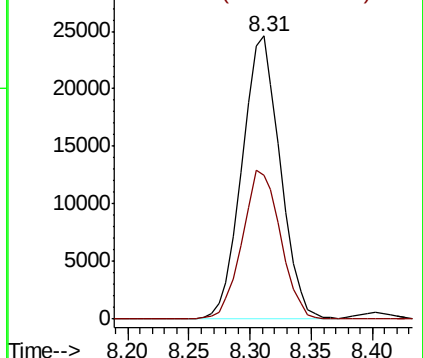
65 100

67 52.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

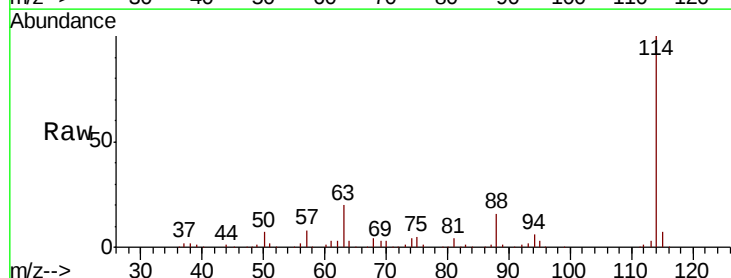
Tgt Ion: 114 Resp: 164171

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.4

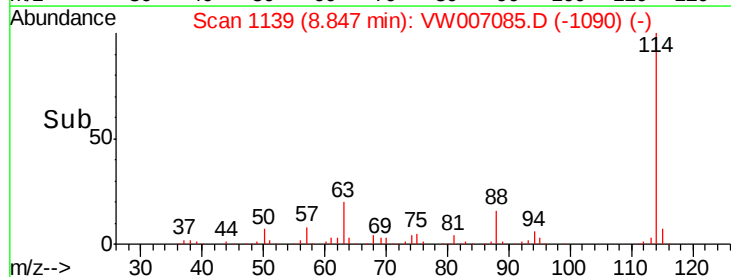
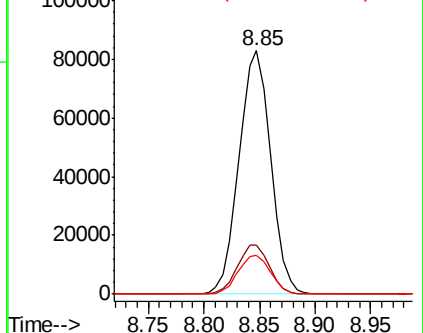
88 16.0 0.0 34.2

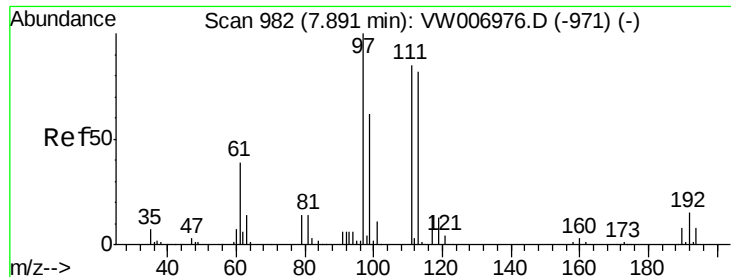


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

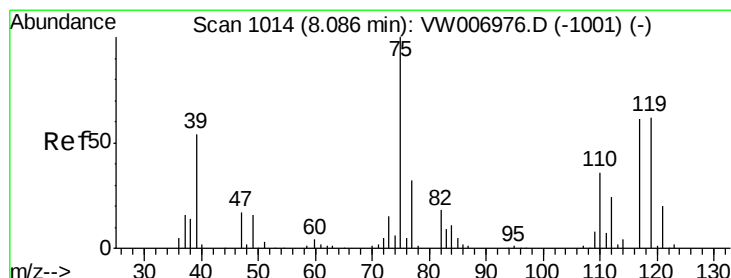
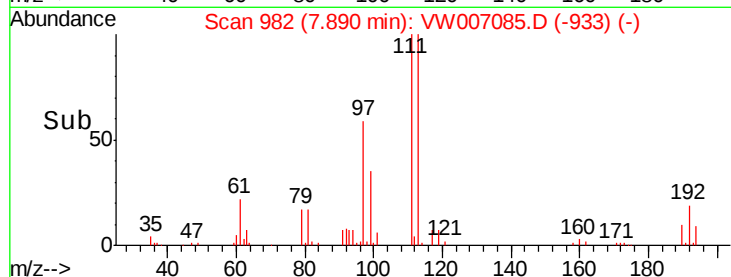
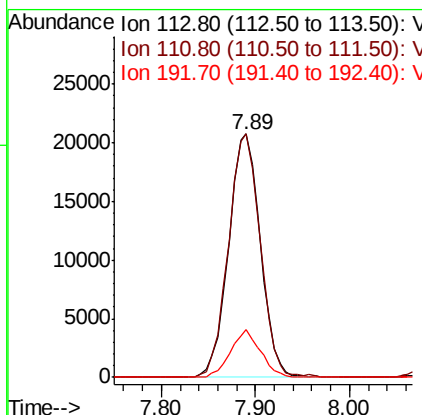
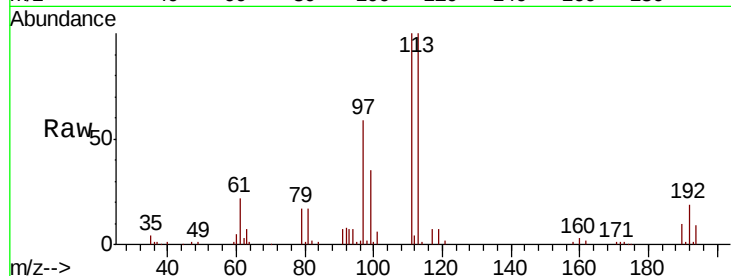




#35
 Dibromofluoromethane
 Concen: 52.432 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

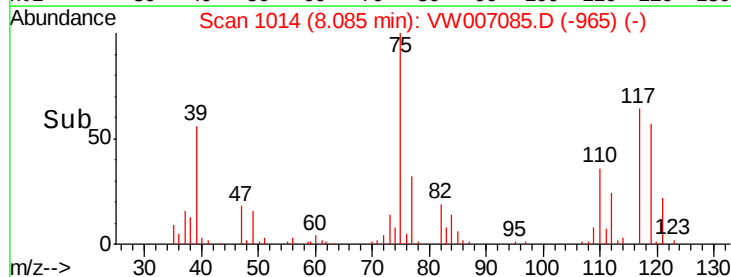
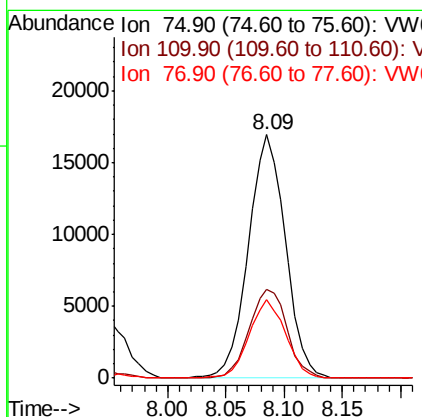
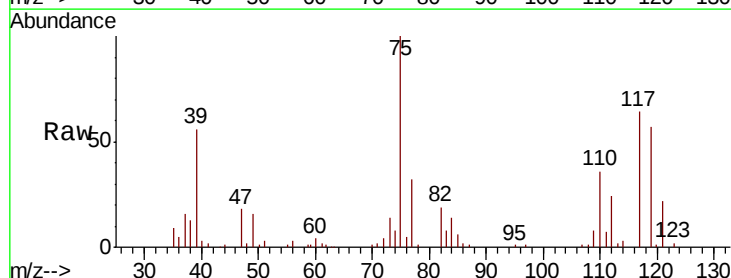
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBSD01

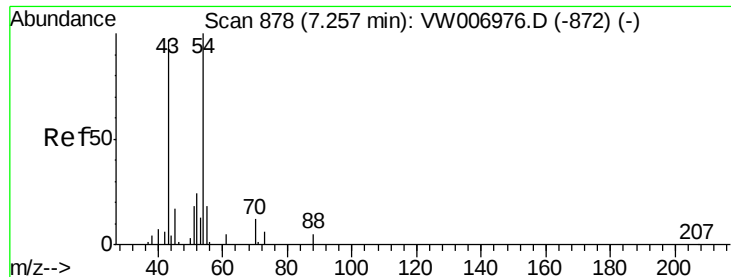
Tot Ion:113 Resp: 48611
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.0 121.6
 192 18.2 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 23.507 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Tgt Ion: 75 Resp: 37712
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.0 54.0
 77 31.7 24.9 37.3

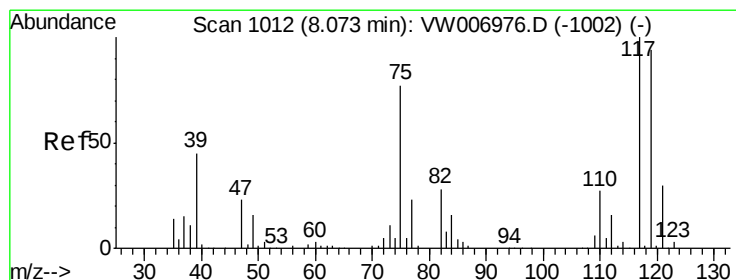
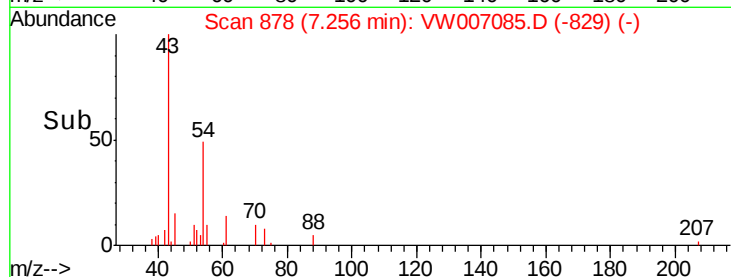
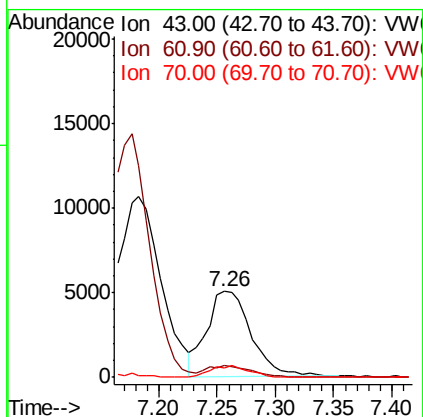
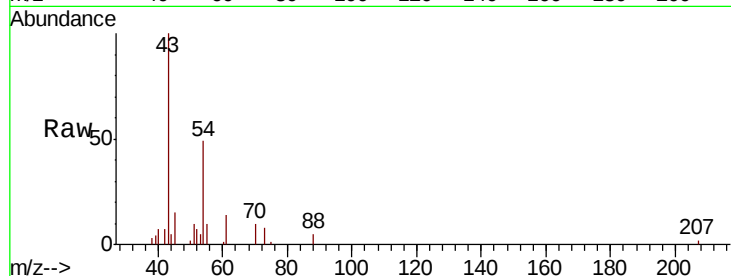




#37
Ethyl Acetate
Concen: 22.910 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

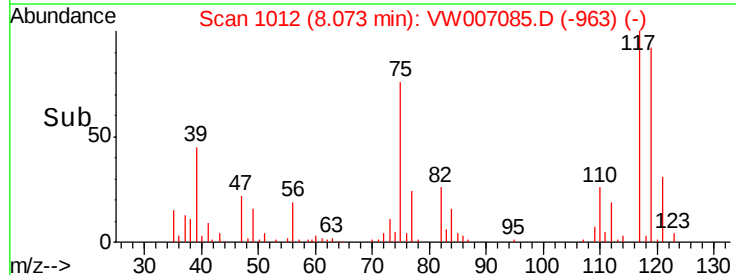
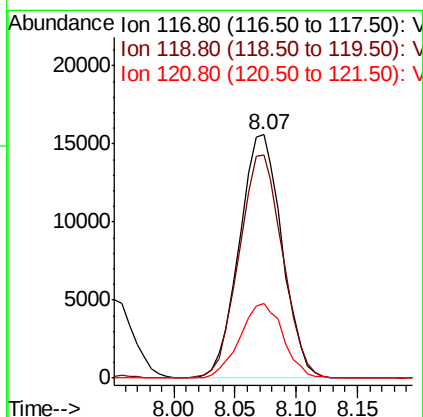
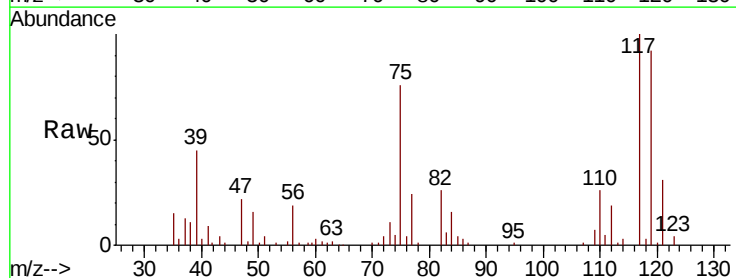
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBS01

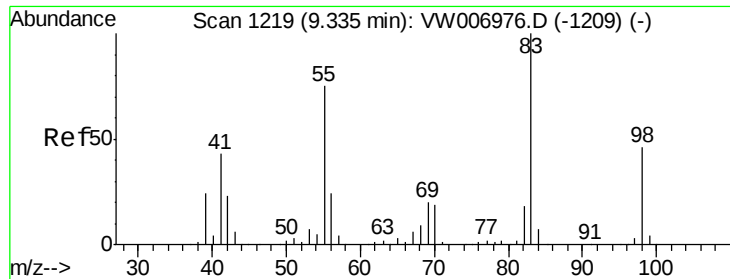
Tot Ion: 43 Resp: 13319
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 12.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 24.571 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 117 Resp: 37747
Ion Ratio Lower Upper
117 100
119 91.8 74.9 112.3
121 30.6 23.6 35.4

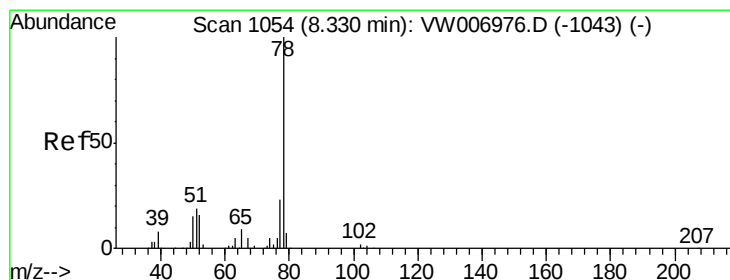
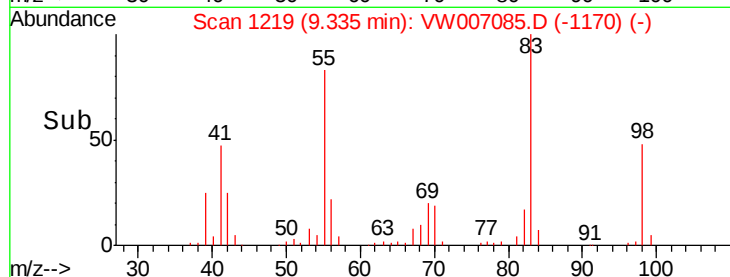
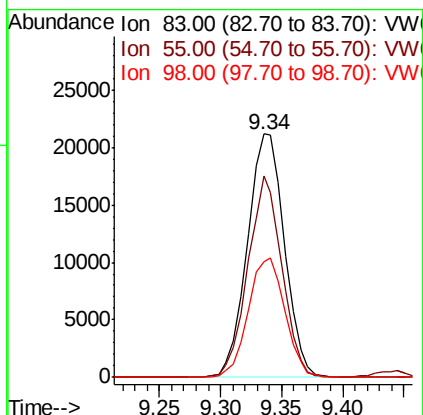
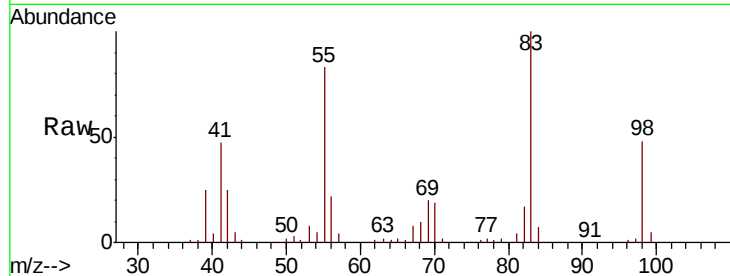




#39
Methvlcvclohexane
Concen: 22.212 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

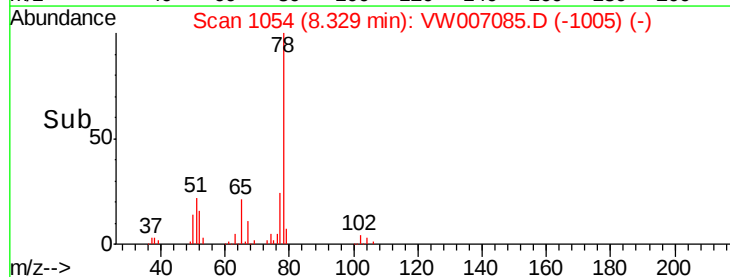
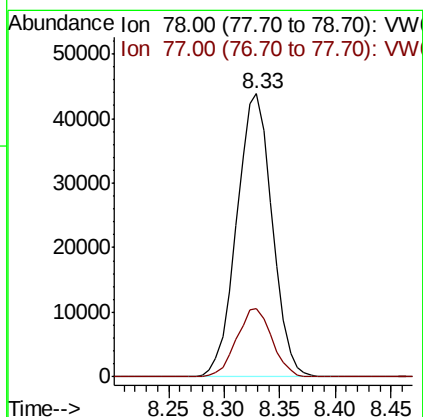
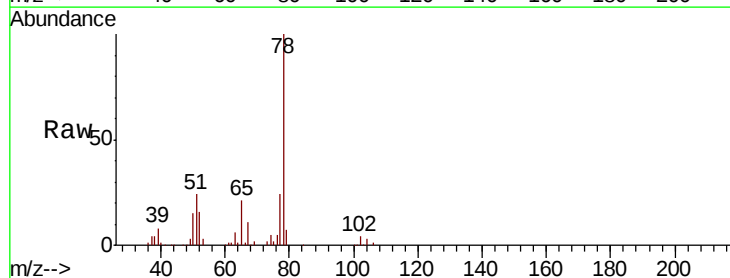
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

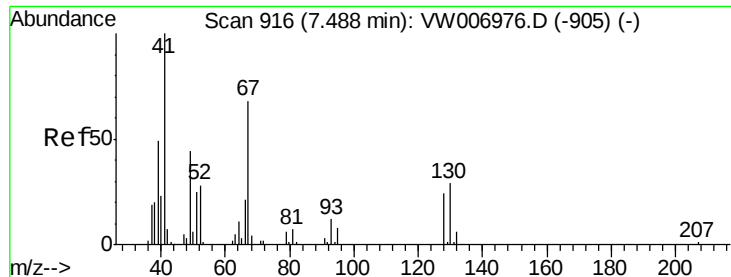
Tot Ion: 83 Resp: 44593
Ion Ratio Lower Upper
83 100
55 82.9 59.6 89.4
98 47.5 37.1 55.7



#40
Benzene
Concen: 22.388 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 78 Resp: 96951
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0





#41

Methacrylonitrile

Concen: 22.785 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

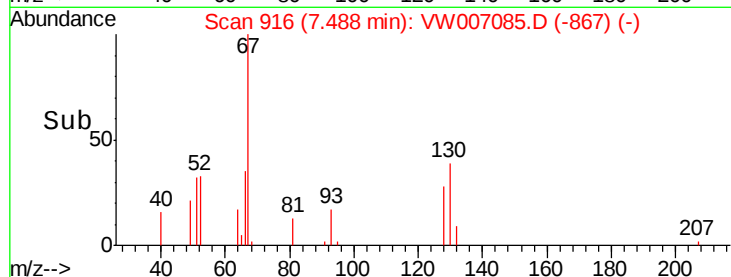
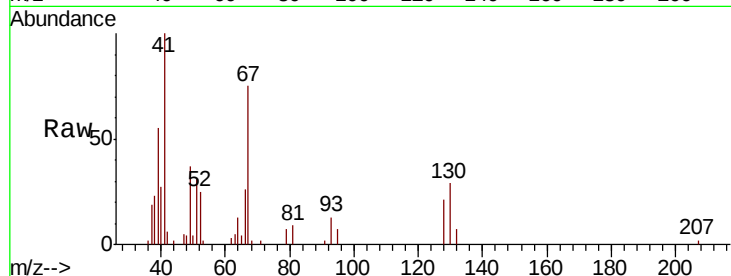
MSVOA_W

ClientSampleId :

VW1127SBS01

Tot Ion: 41 Resp: 8226

Ion	Ratio	Lower	Upper
41	100		
39	54.6	48.6	73.0
67	74.9	59.8	89.8
52	31.5	24.8	37.2

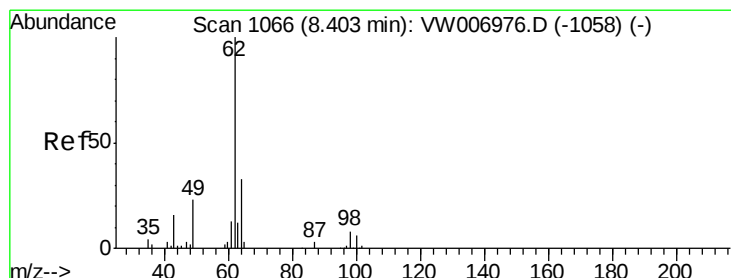


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 22.443 ug/l

RT: 8.40 min Scan# 1066

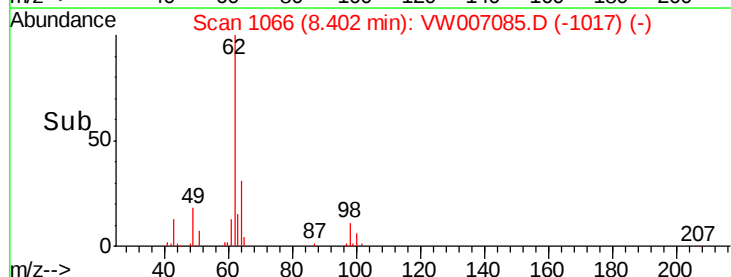
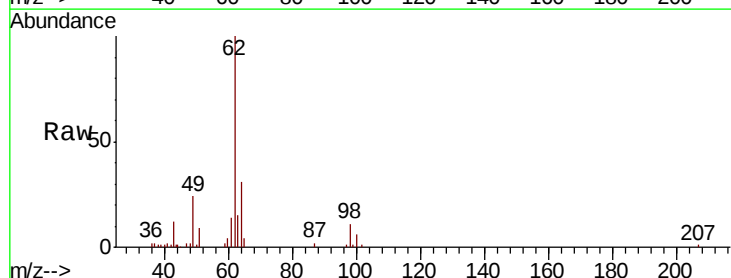
Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

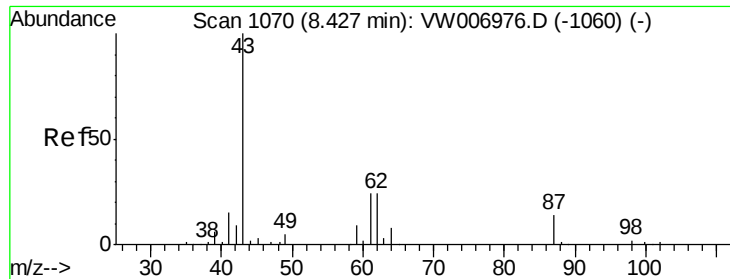
Tgt Ion: 62 Resp: 28217

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#43

Isopropyl Acetate

Concen: 22.731 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBS01

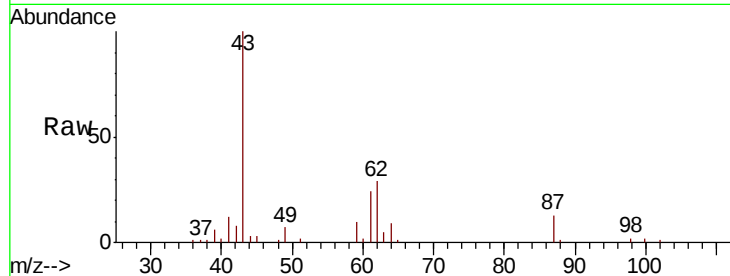
Tot Ion: 43 Resp: 25183

Ion Ratio Lower Upper

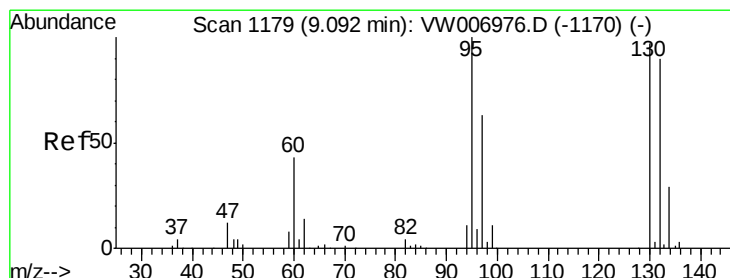
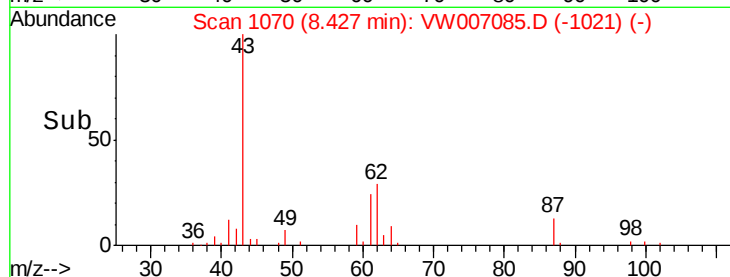
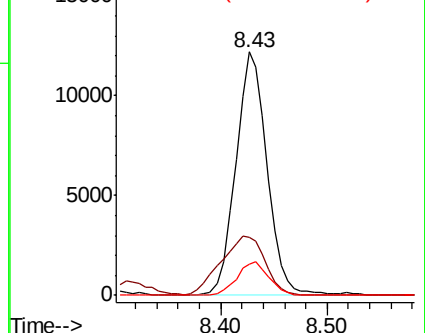
43 100

61 33.7 26.1 39.1

87 13.5 11.2 16.8



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: 23.489 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007085.D

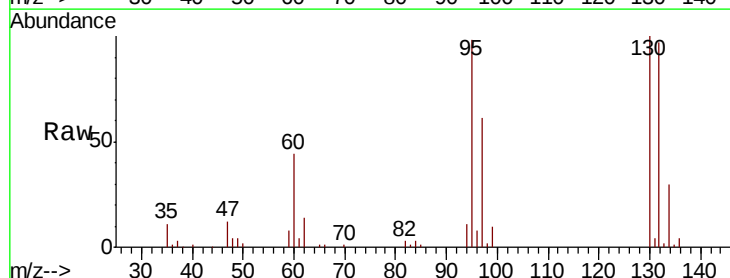
Acq: 27 Nov 2018 14:13

Tgt Ion:130 Resp: 28515

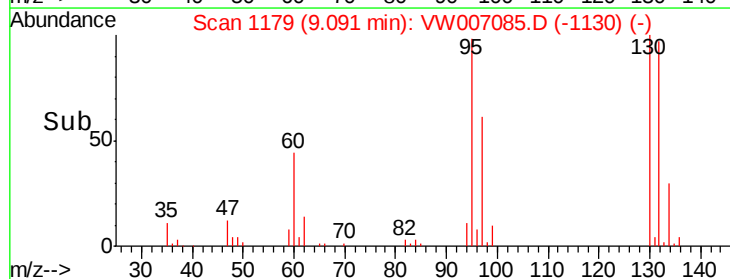
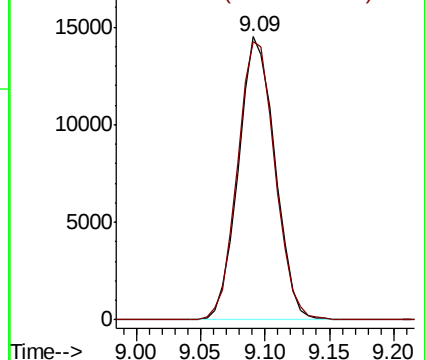
Ion Ratio Lower Upper

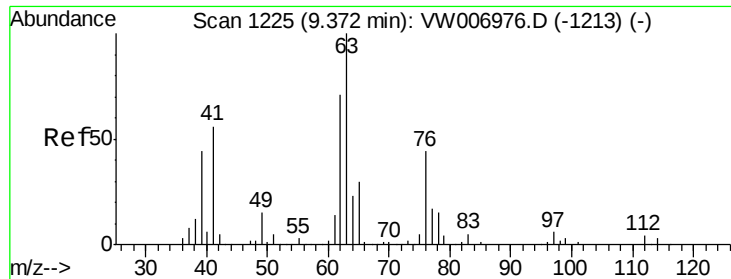
130 100

95 98.5 0.0 206.4



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

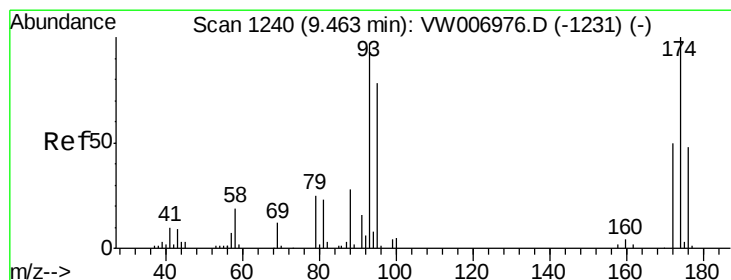
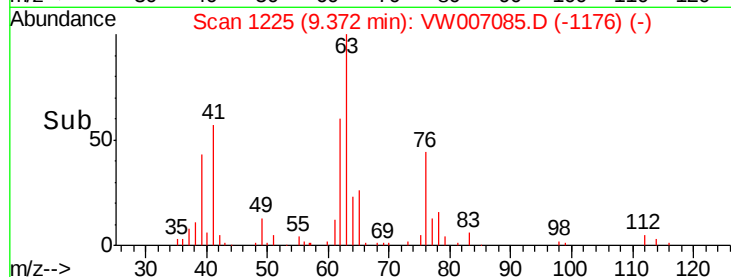
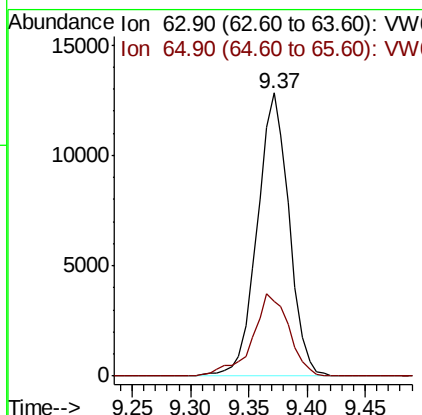
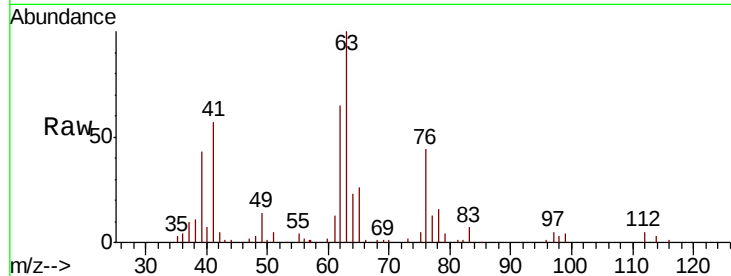




#45
 1,2-Dichloropropane
 Concen: 22.872 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

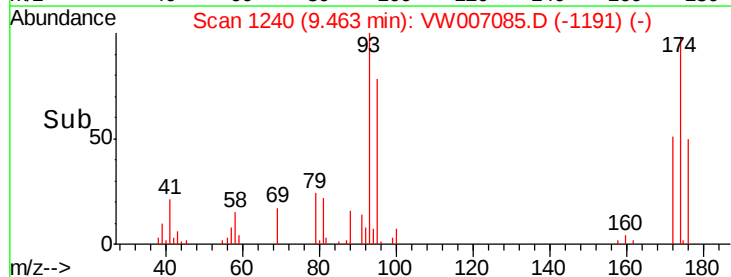
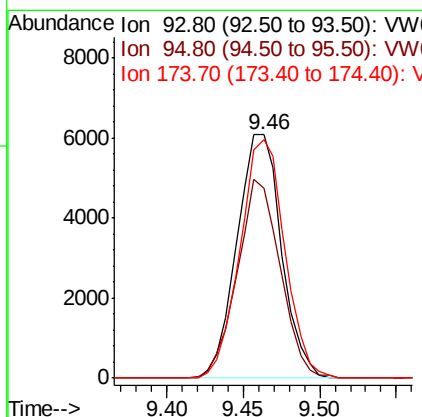
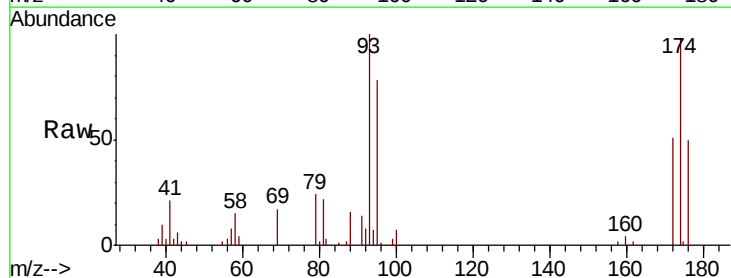
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBS01

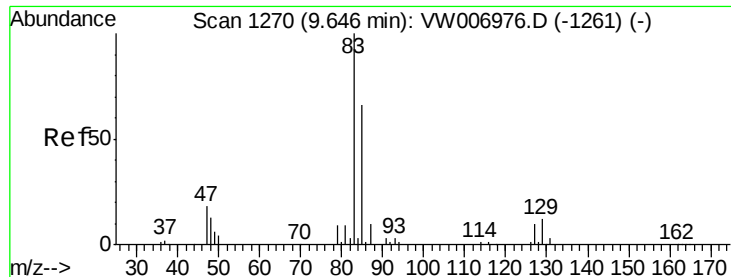
Tot Ion: 63 Resp: 24416
 Ion Ratio Lower Upper
 63 100
 65 26.3 24.4 36.6



#46
 Dibromomethane
 Concen: 23.078 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Tgt Ion: 93 Resp: 12337
 Ion Ratio Lower Upper
 93 100
 95 78.7 66.1 99.1
 174 98.4 79.7 119.5





#47

Bromodichloromethane

Concen: 23.098 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBSD01

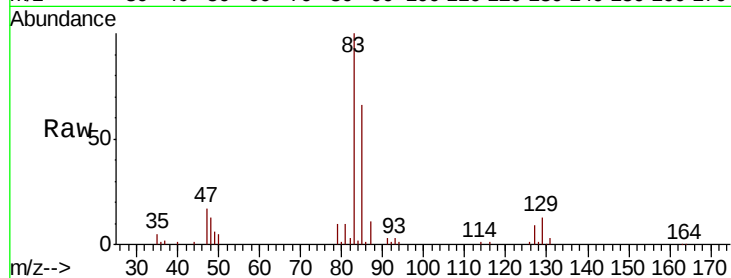
Tot Ion: 83 Resp: 32533

Ion Ratio Lower Upper

83 100

85 66.2 52.9 79.3

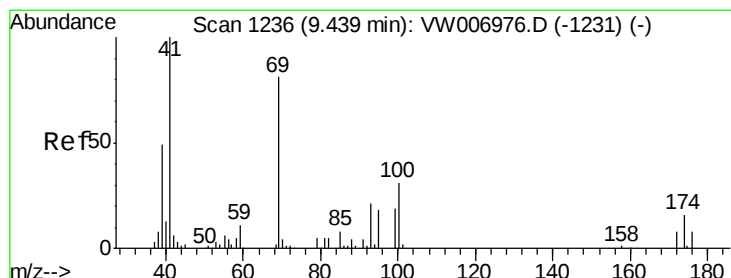
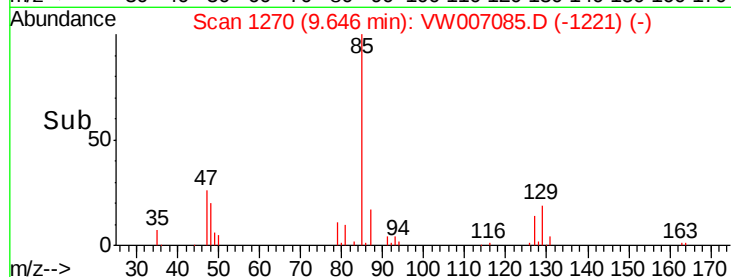
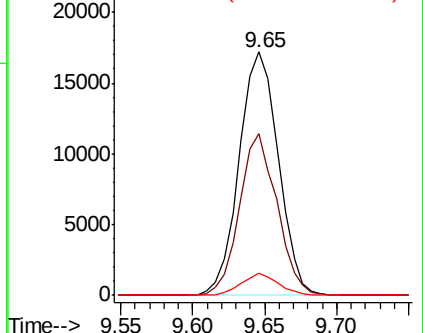
127 9.2 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 22.123 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

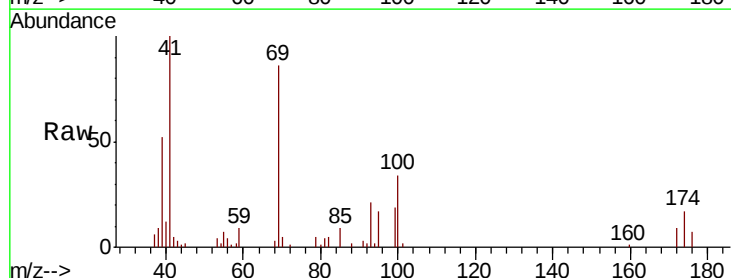
Tgt Ion: 41 Resp: 11818

Ion Ratio Lower Upper

41 100

69 90.8 71.4 107.0

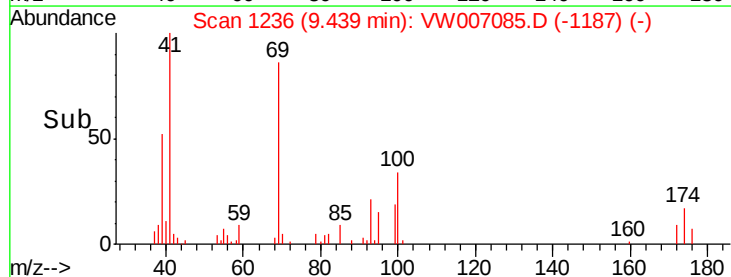
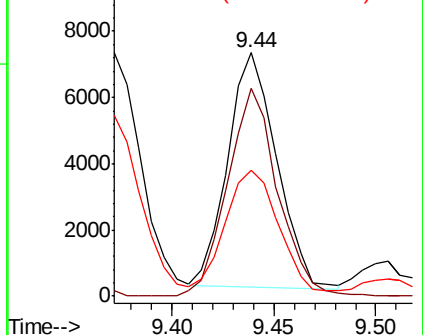
39 55.2 44.8 67.2

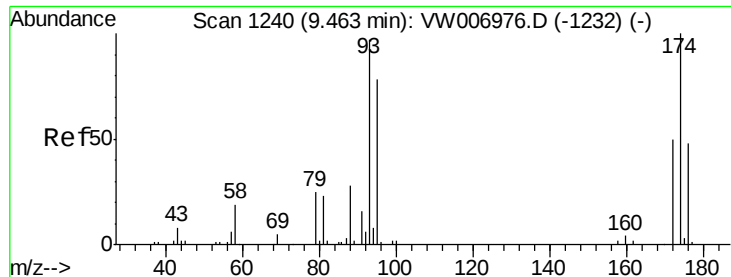


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

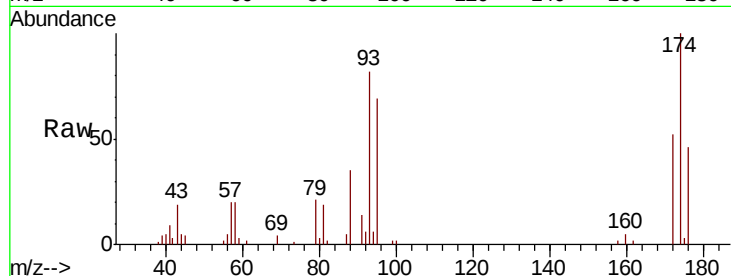




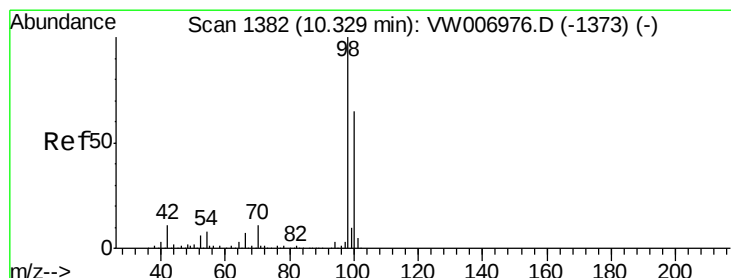
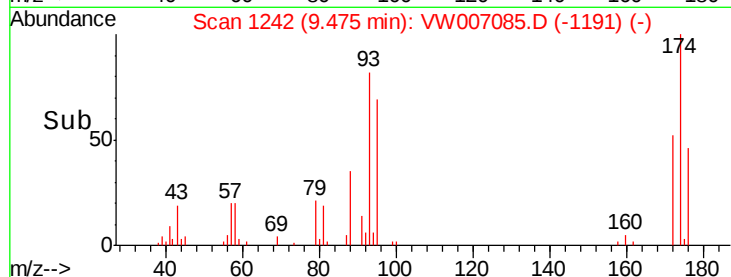
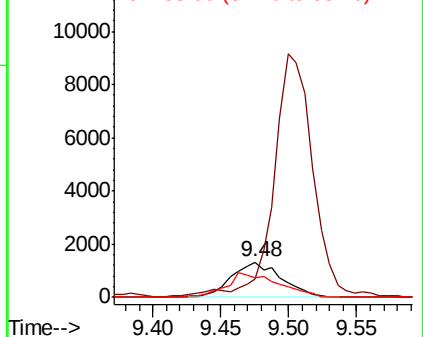
#49
1,4-Dioxane
Concen: 426.270 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

Tot Ion: 88 Resp: 3387
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.9 59.0 88.6

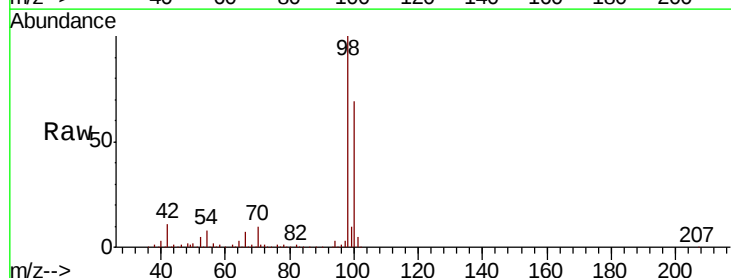


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

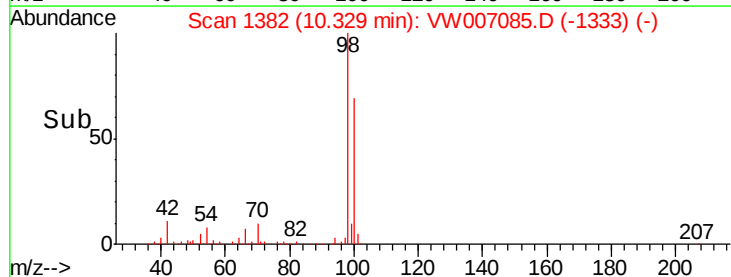
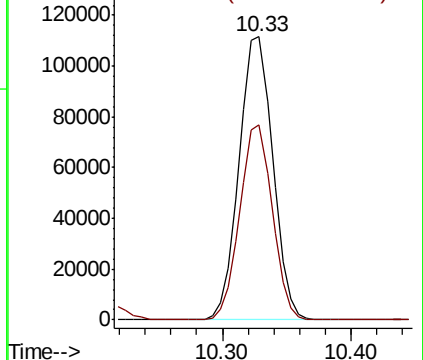


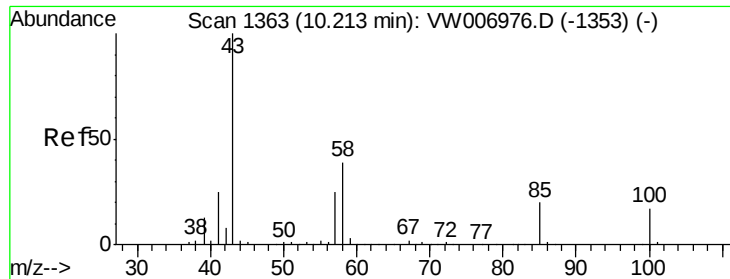
#50
Toluene-d8
Concen: 49.398 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 98 Resp: 202238
Ion Ratio Lower Upper
98 100
100 66.5 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 109.660 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

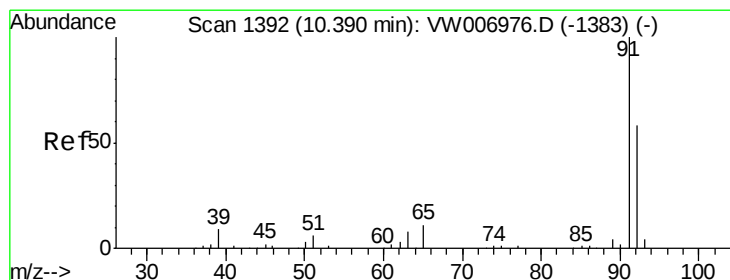
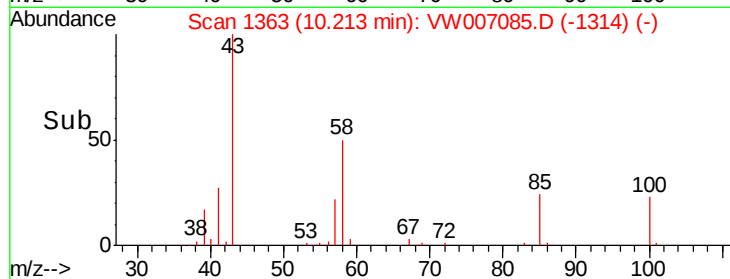
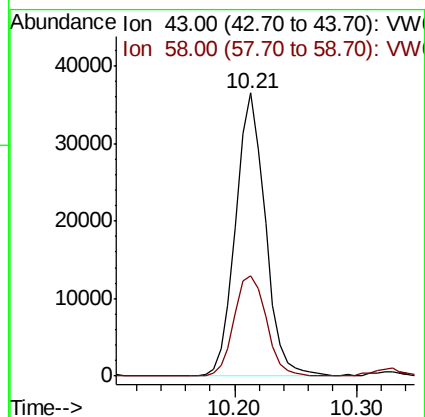
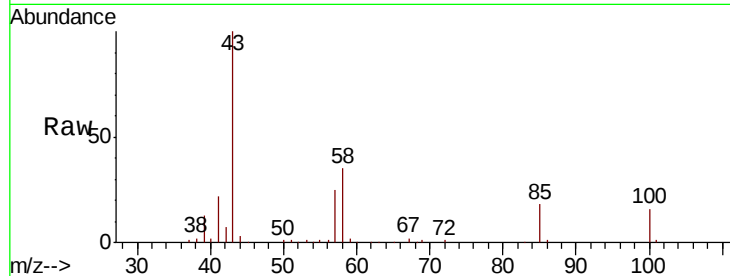
VW1127SBS01

Tot Ion: 43 Resp: 61395

Ion Ratio Lower Upper

43 100

58 38.6 31.8 47.6



#52

Toluene

Concen: 21.935 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007085.D

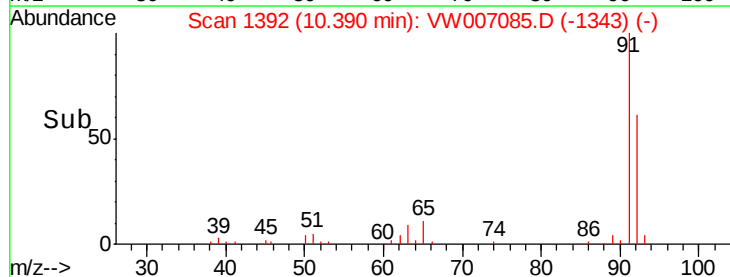
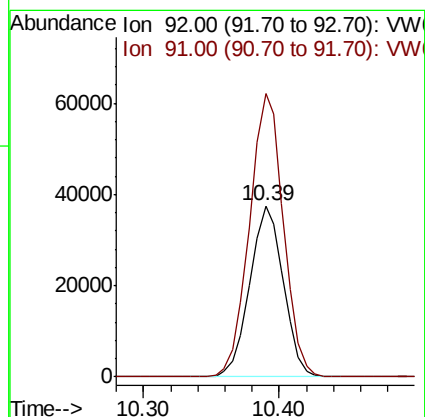
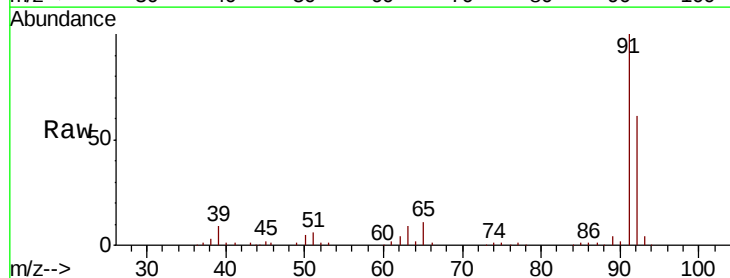
Acq: 27 Nov 2018 14:13

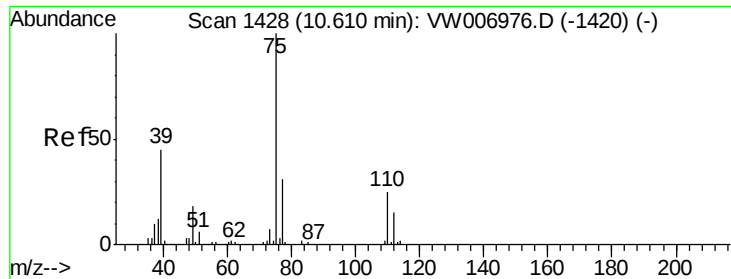
Tgt Ion: 92 Resp: 64645

Ion Ratio Lower Upper

92 100

91 167.8 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 22.629 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

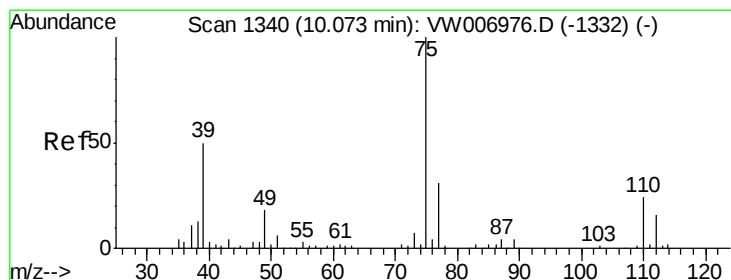
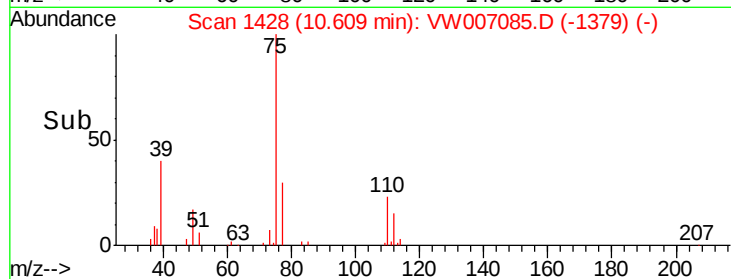
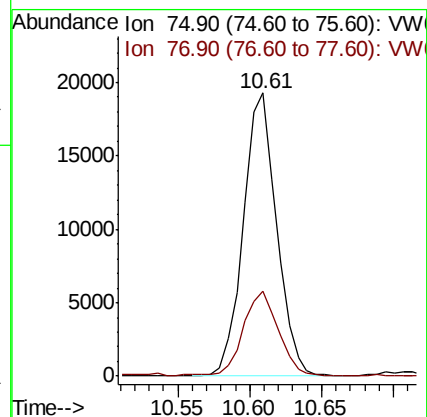
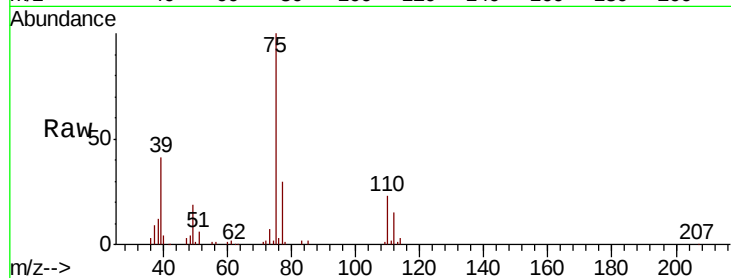
VW1127SBSD01

Tot Ion: 75 Resp: 30875

Ion Ratio Lower Upper

75 100

77 30.1 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 22.922 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

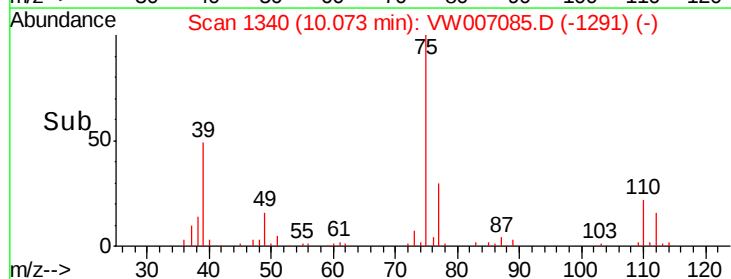
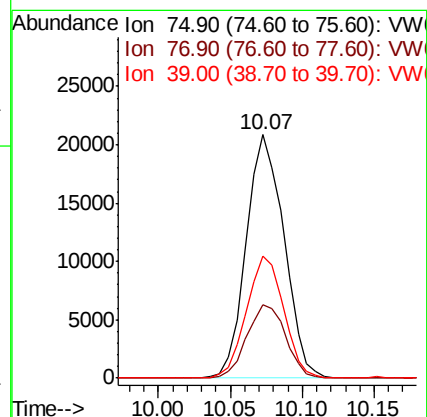
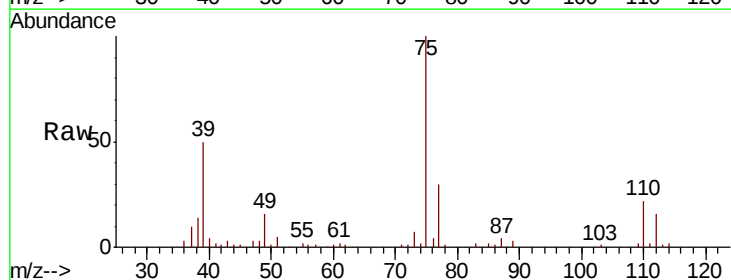
Tgt Ion: 75 Resp: 37785

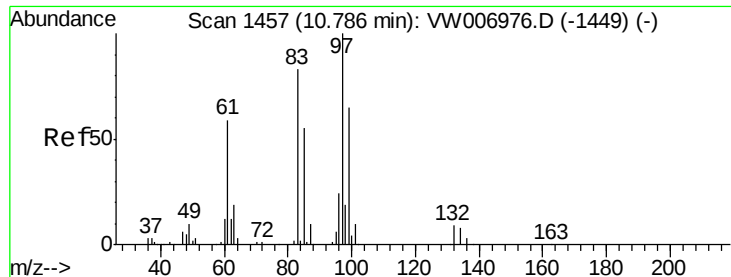
Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.6

39 50.1 39.9 59.9

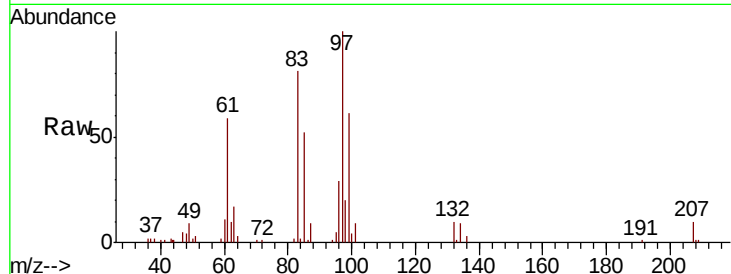




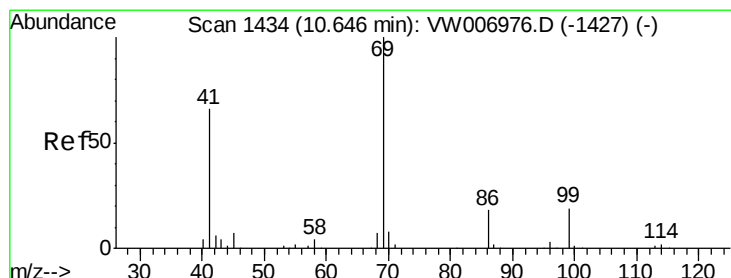
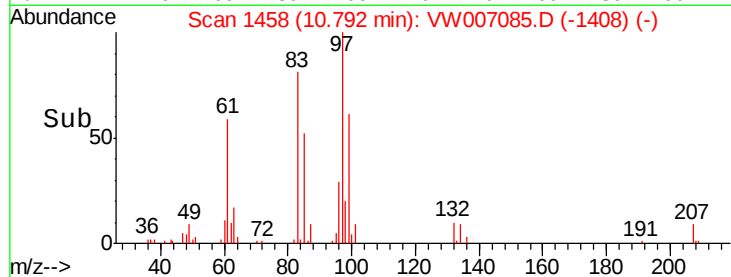
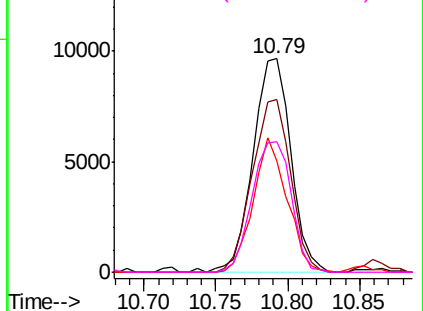
#55
 1,1,2-Trichloroethane
 Concen: 22.315 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBSD01

Tot Ion:	97	Resp:	17551
Ion	Ratio	Lower	Upper
97	100		
83	80.7	66.4	99.6
85	52.2	44.1	66.1
99	61.3	51.7	77.5

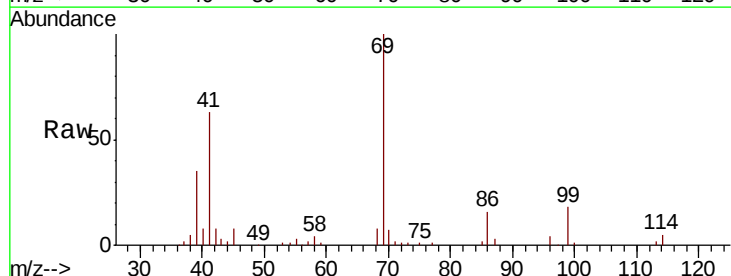


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

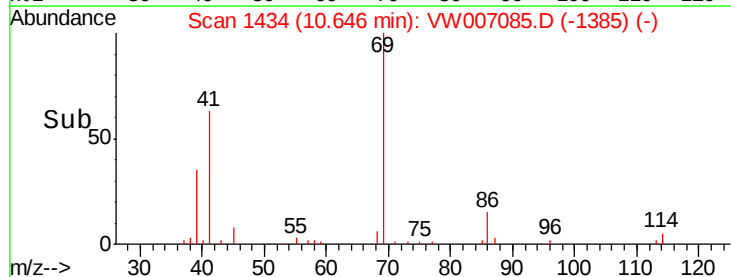
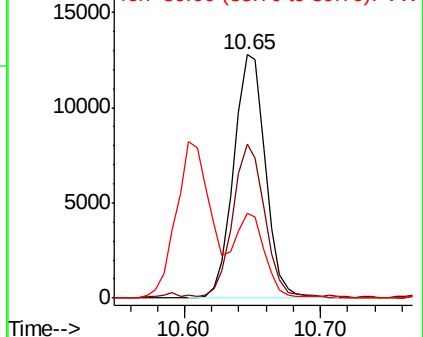


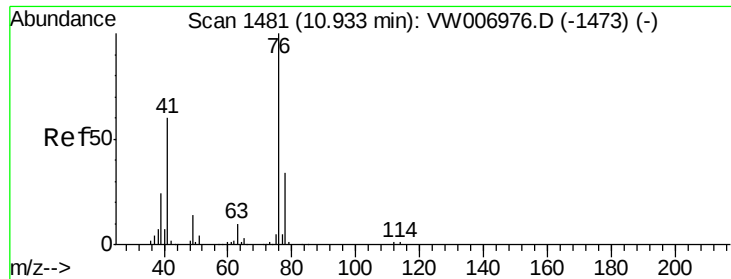
#56
 Ethyl methacrylate
 Concen: 22.669 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Tgt Ion:	69	Resp:	20696
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.4	80.0
39	30.1	28.2	42.4



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

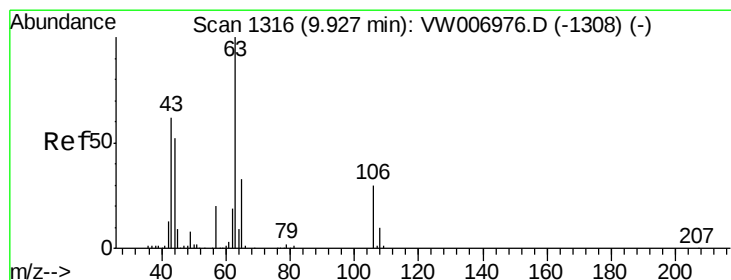
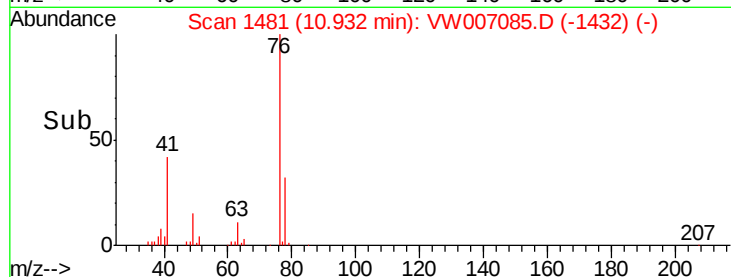
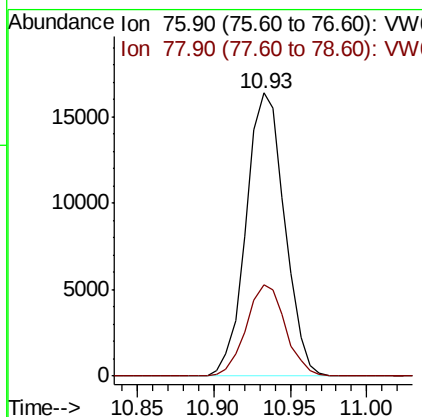
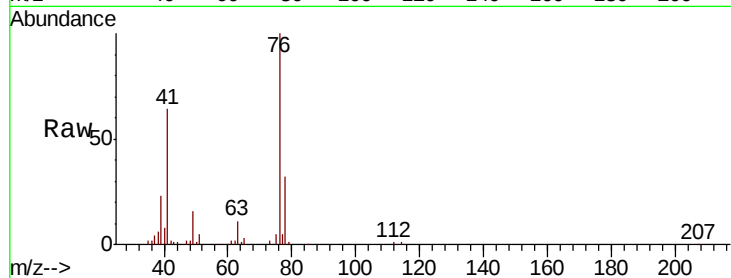




#57
 1,3-Dichloropropane
 Concen: 21.769 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

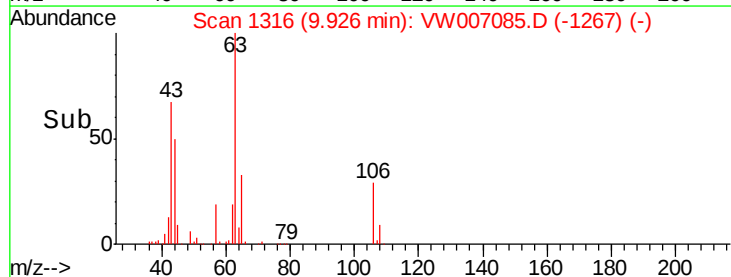
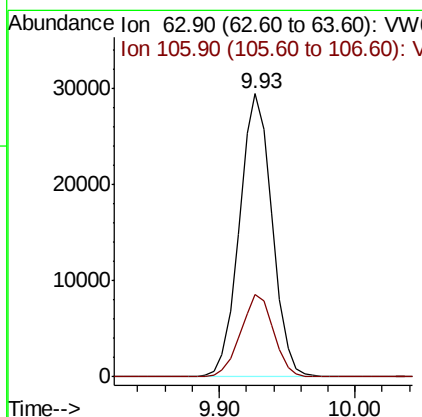
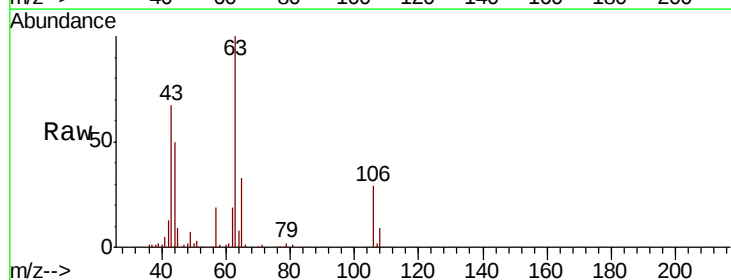
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBSD01

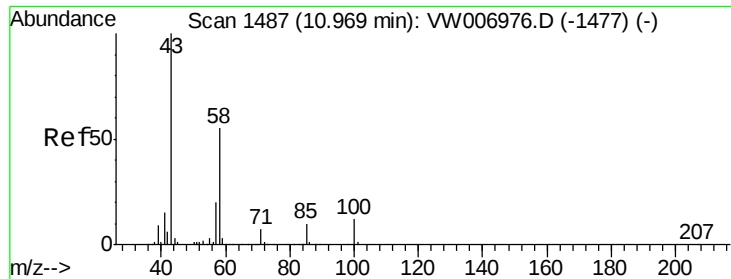
Tot Ion: 76 Resp: 28693
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.320 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Tgt Ion: 63 Resp: 49292
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.5 35.3

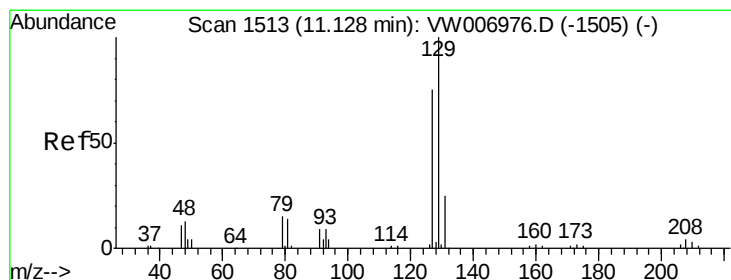
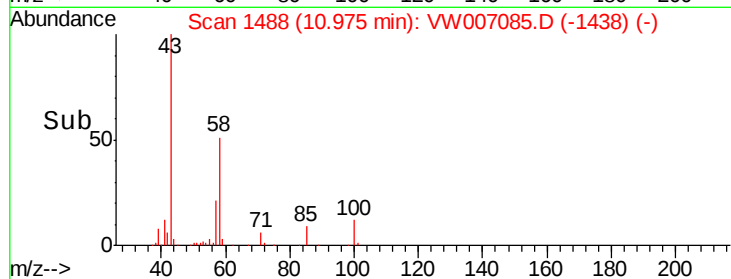
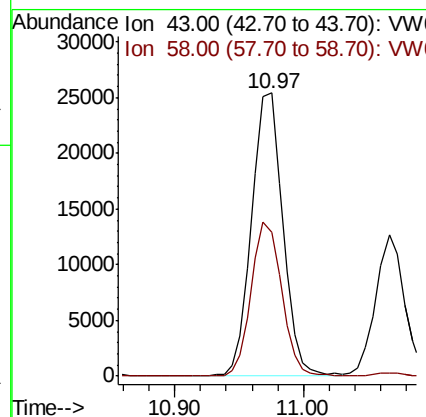
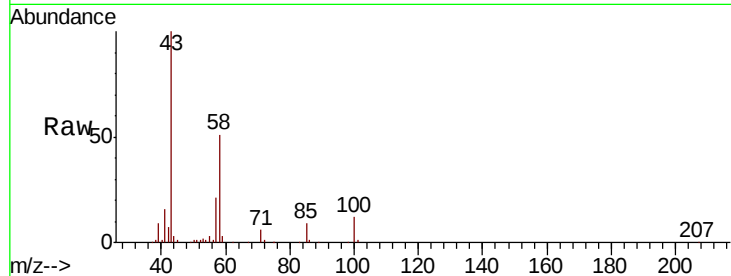




#59
2-Hexanone
Concen: 111.343 ug/l
RT: 10.97 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

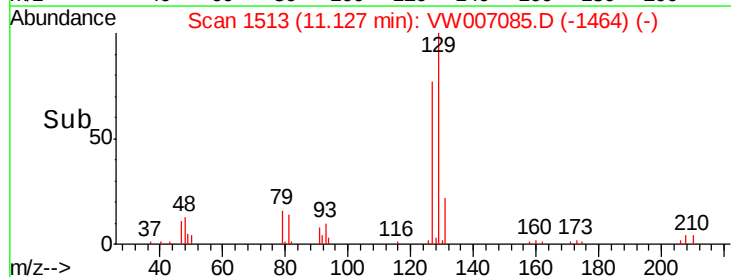
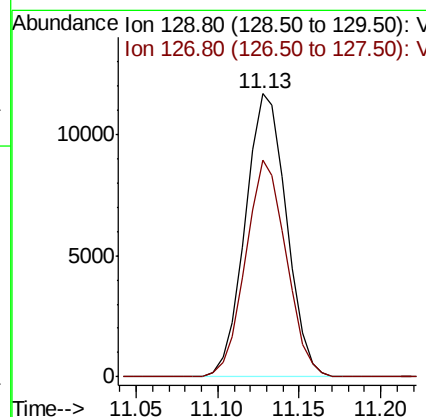
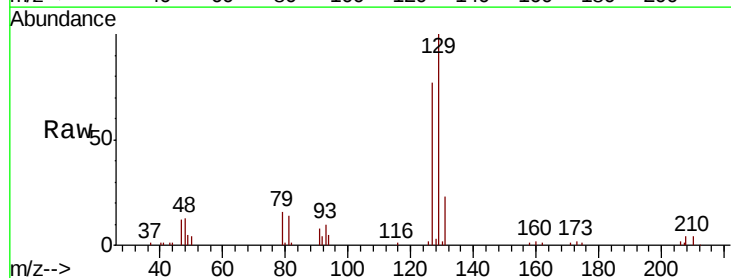
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

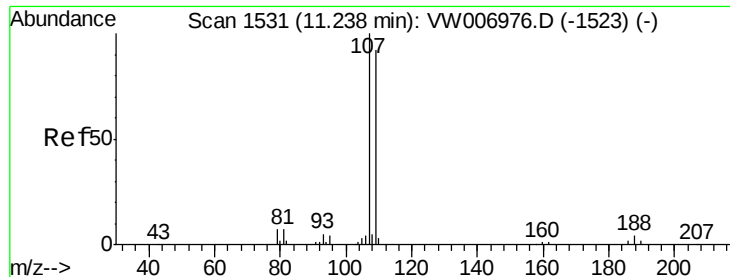
Tot Ion: 43 Resp: 42688
Ion Ratio Lower Upper
43 100
58 53.1 27.3 81.8



#60
Dibromochloromethane
Concen: 22.881 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 129 Resp: 20506
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.8

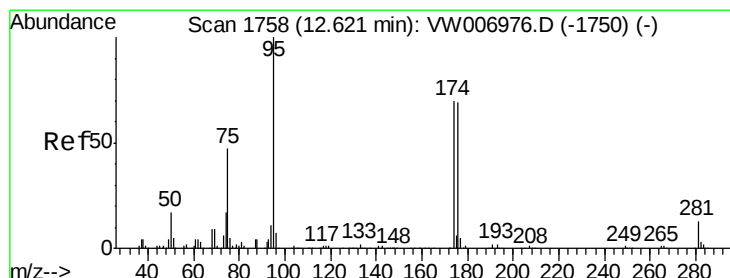
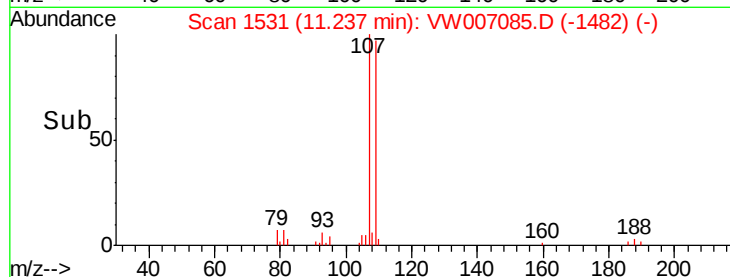
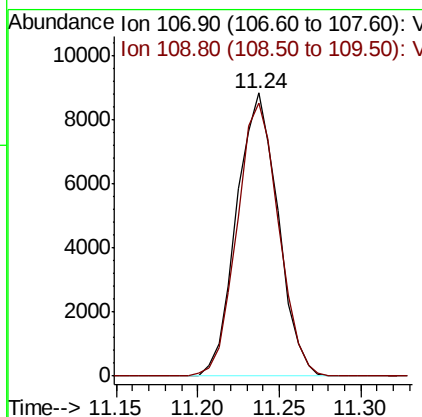
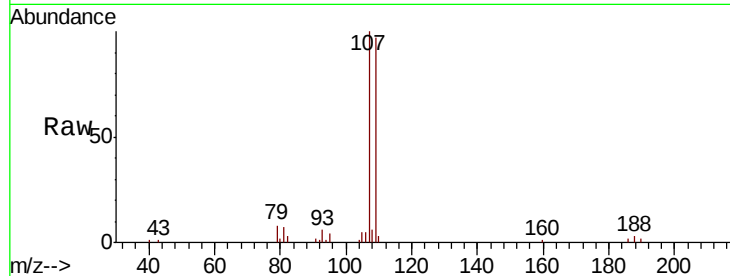




#61
 1,2-Dibromoethane
 Concen: 21.697 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

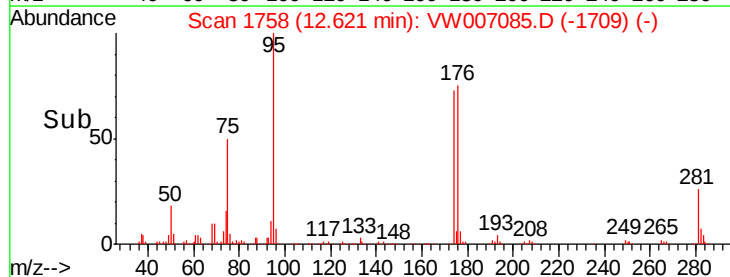
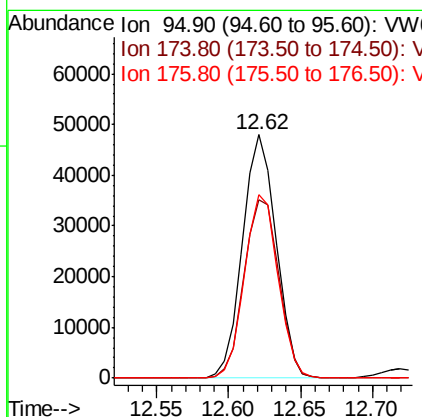
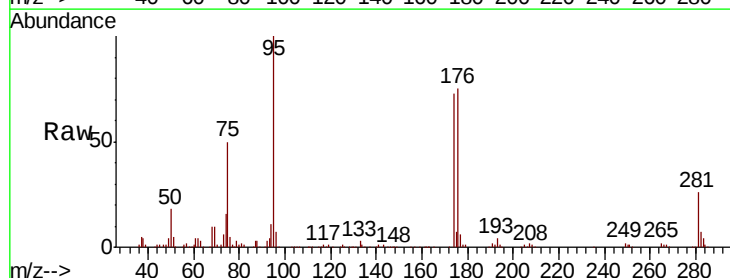
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBSD01

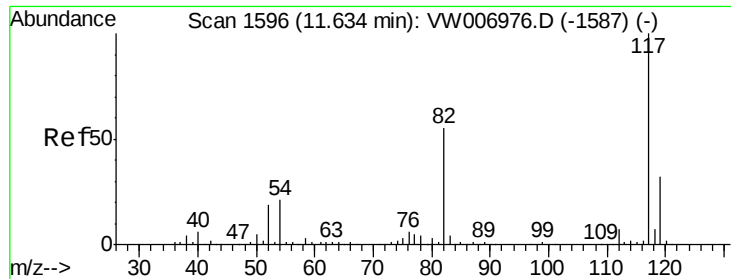
Tot Ion:107 Resp: 15611
 Ion Ratio Lower Upper
 107 100
 109 97.2 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.217 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Tgt Ion: 95 Resp: 77680
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 143.6
 176 75.0 0.0 140.4

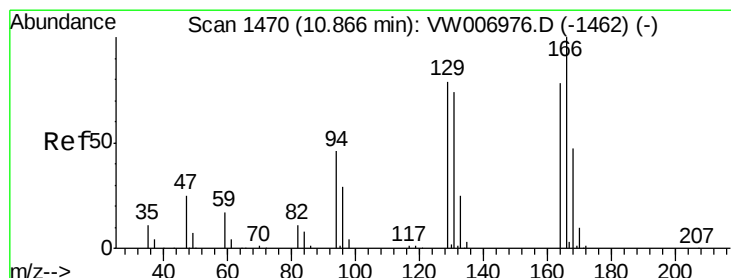
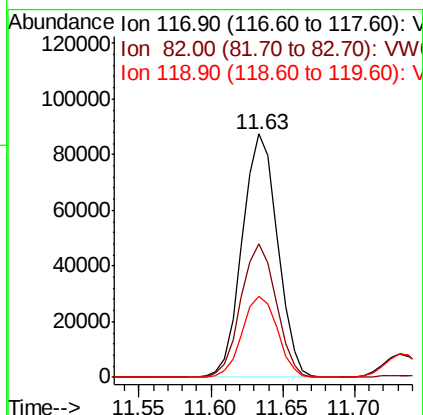
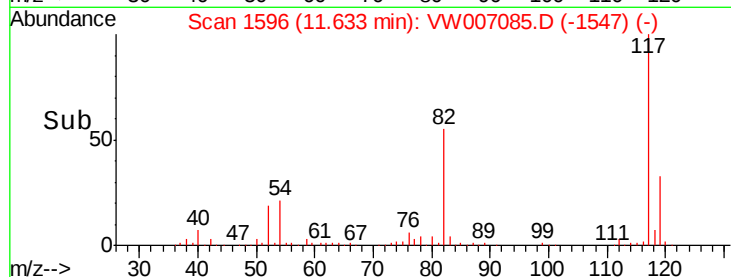
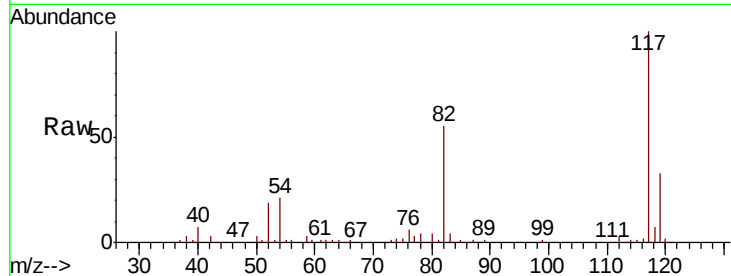




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

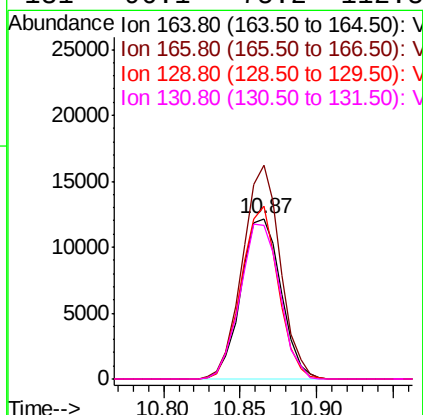
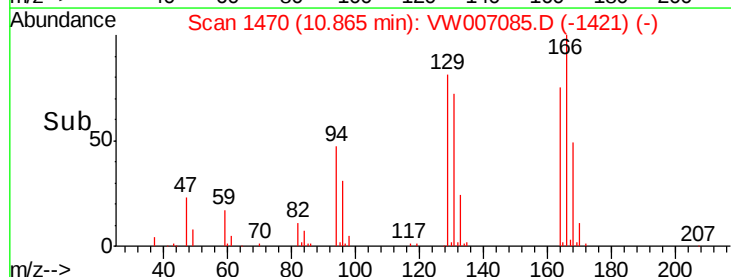
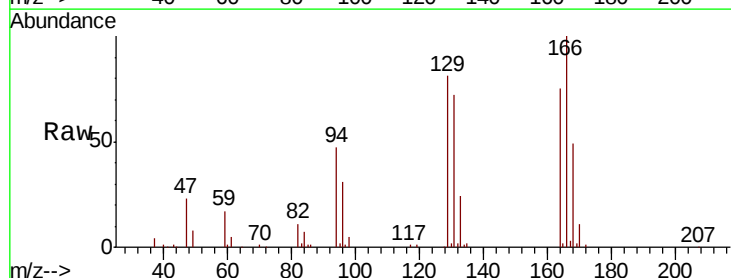
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBS01

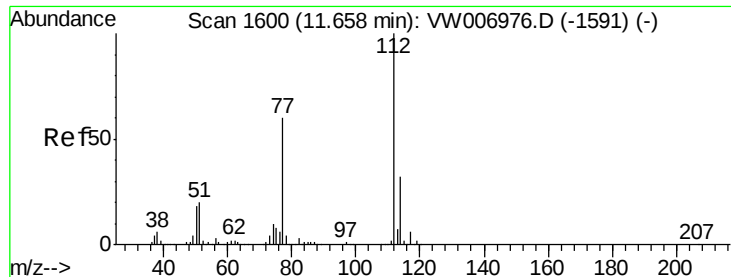
Tot Ion:117 Resp: 148582
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 33.1 25.9 38.9



#64
Tetrachloroethene
Concen: 23.098 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion:164 Resp: 22078
Ion Ratio Lower Upper
164 100
166 133.4 102.1 153.1
129 108.0 80.4 120.6
131 96.1 75.2 112.8

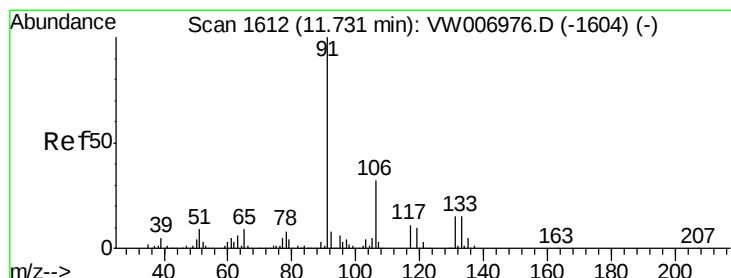
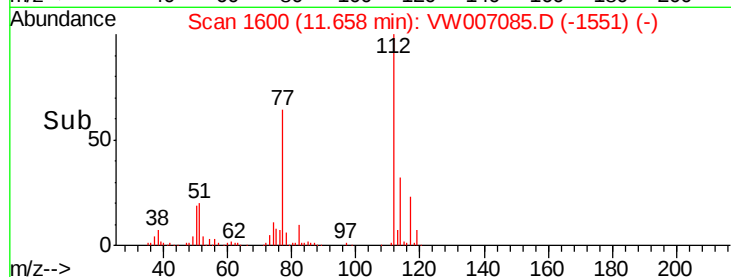
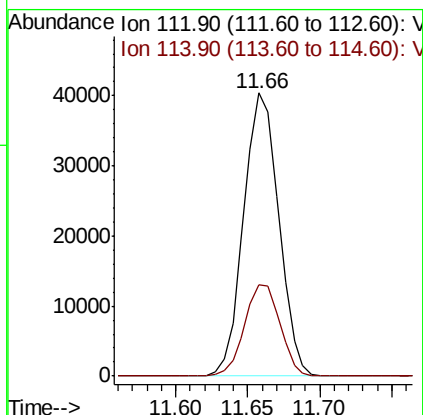
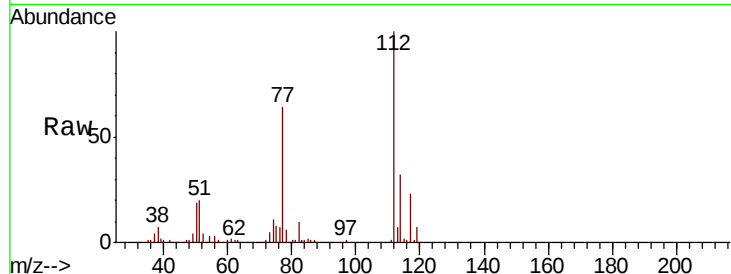




#65
Chlorobenzene
Concen: 22.041 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

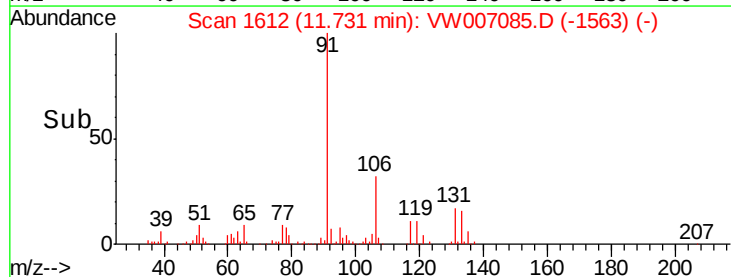
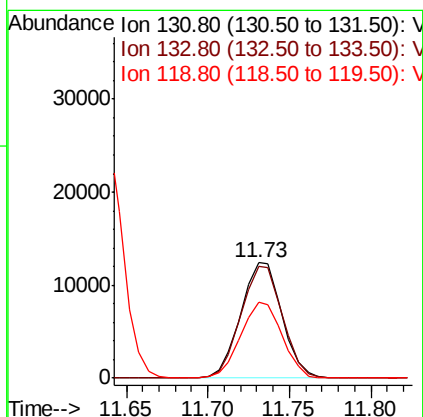
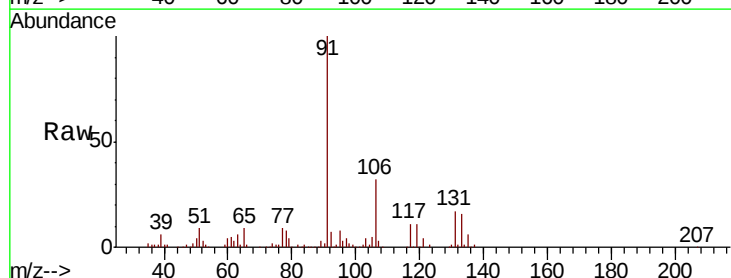
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

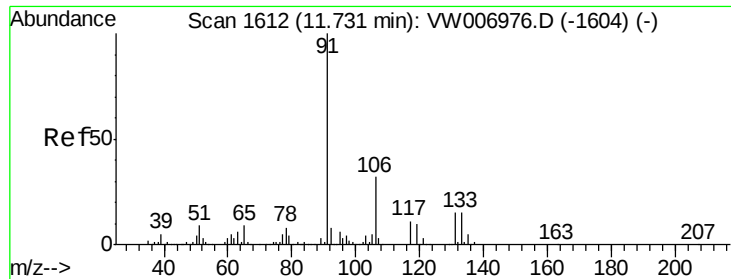
Tot Ion:112 Resp: 68351
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 23.243 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion:131 Resp: 21805
Ion Ratio Lower Upper
131 100
133 97.6 47.7 143.1
119 66.2 31.8 95.3

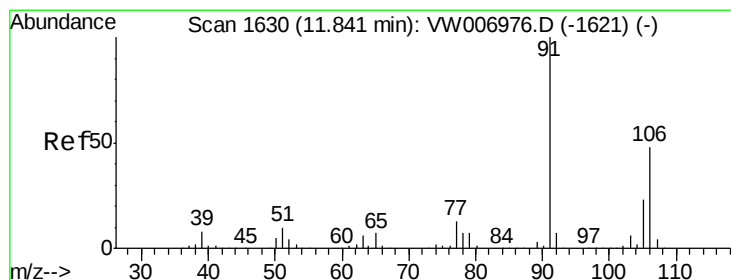
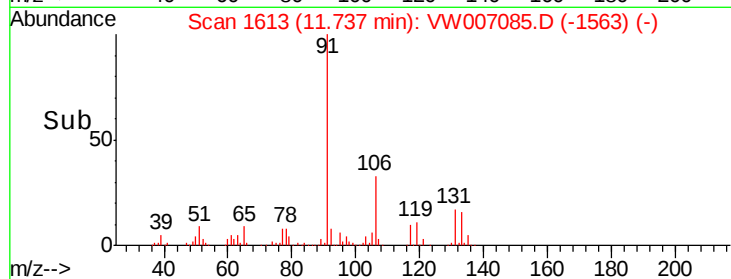
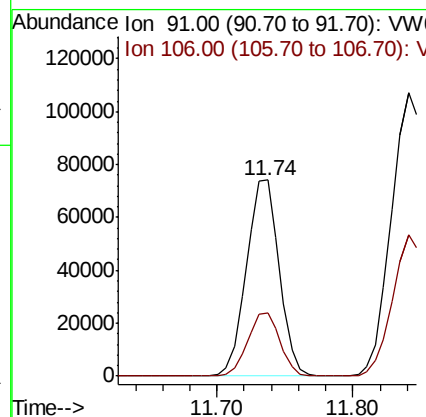
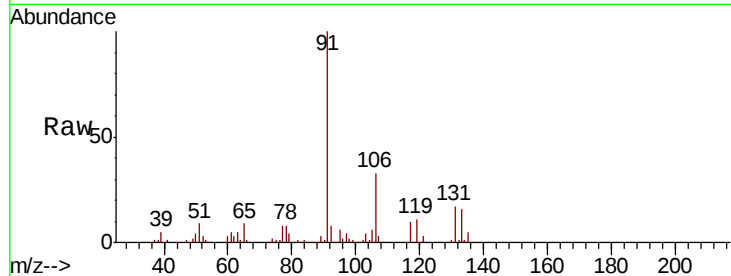




#67
Ethyl Benzene
Concen: 21.960 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

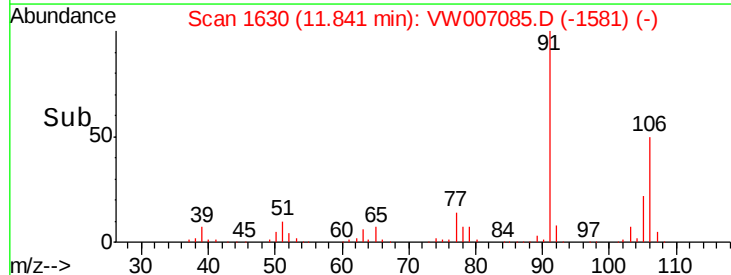
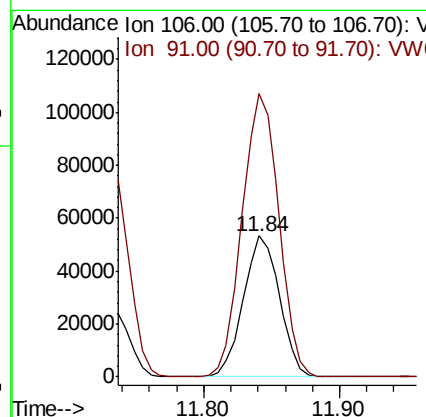
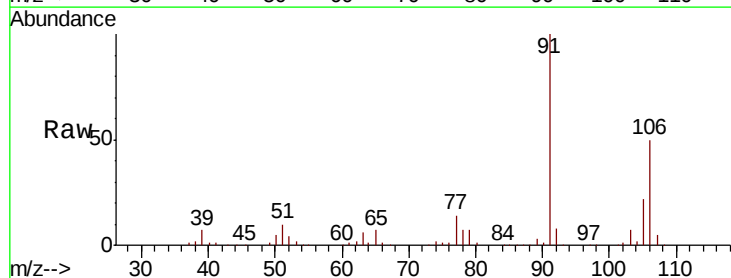
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBS01

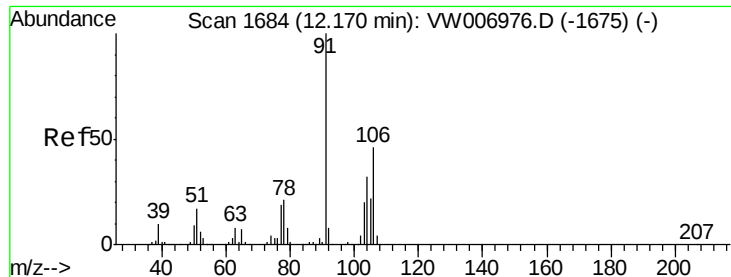
Tot Ion: 91 Resp: 125106
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2



#68
m/p-Xylenes
Concen: 44.444 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 106 Resp: 99337
Ion Ratio Lower Upper
106 100
91 204.2 164.8 247.2

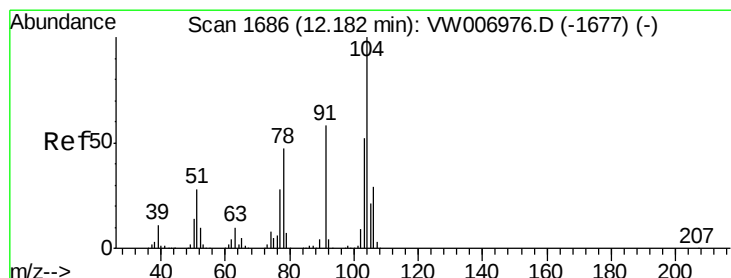
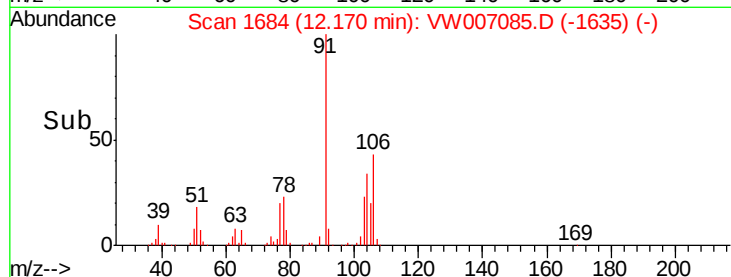
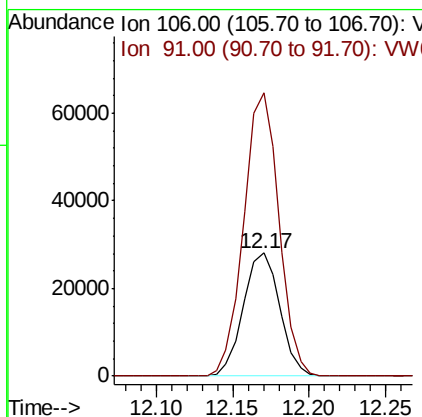
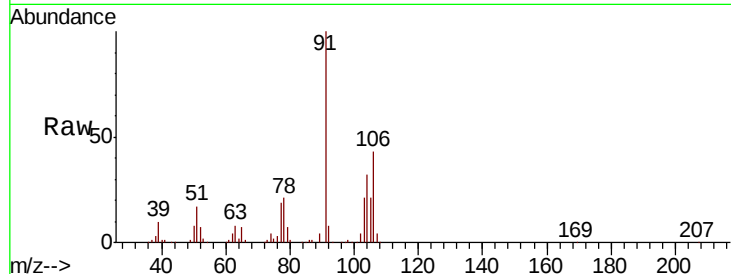




#69
o-Xylene
Concen: 22.205 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

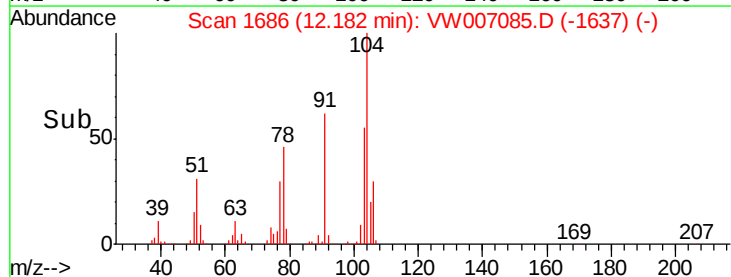
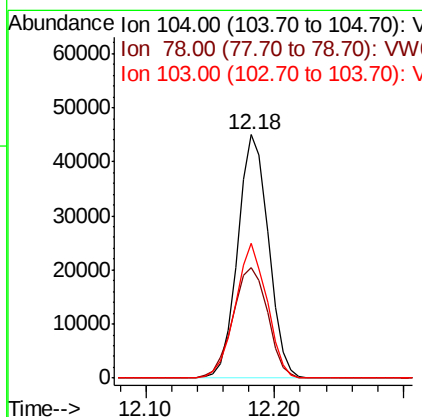
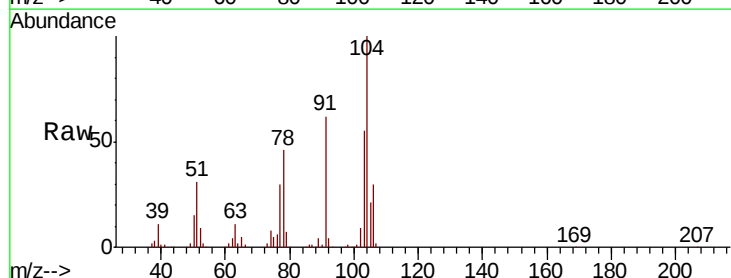
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

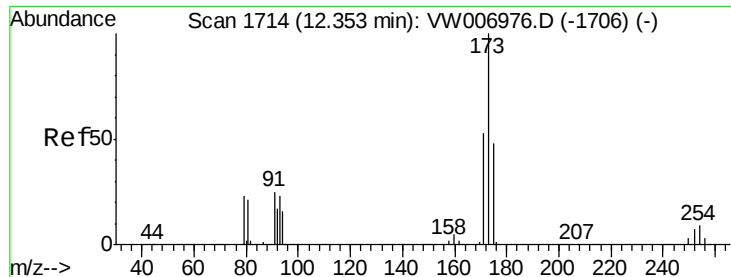
Tot Ion:106 Resp: 46797
Ion Ratio Lower Upper
106 100
91 221.4 107.9 323.8



#70
Styrene
Concen: 22.149 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion:104 Resp: 74292
Ion Ratio Lower Upper
104 100
78 51.6 41.8 62.8
103 57.2 44.4 66.6





#71

Bromoform

Concen: 23.823 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBS01

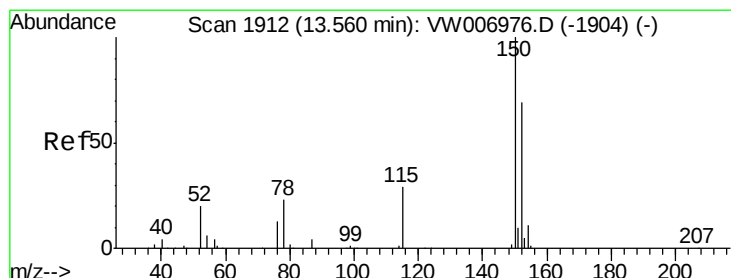
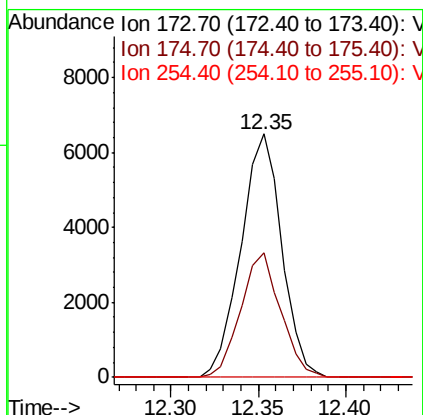
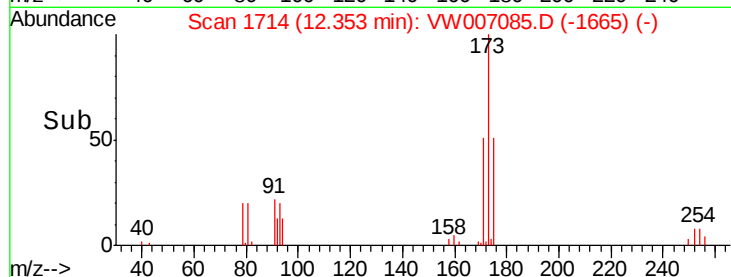
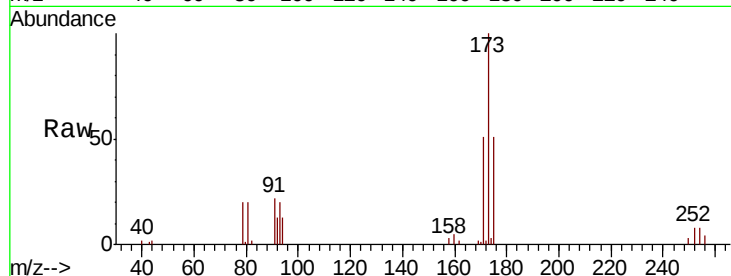
Tot Ion:173 Resp: 10528

Ion Ratio Lower Upper

173 100

175 50.2 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

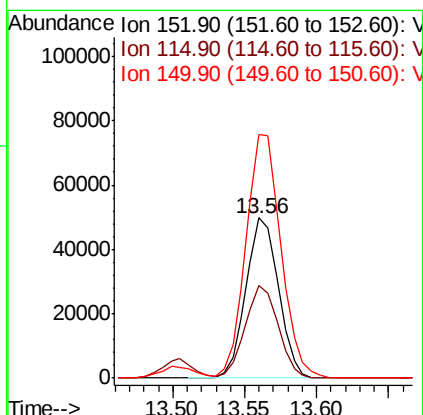
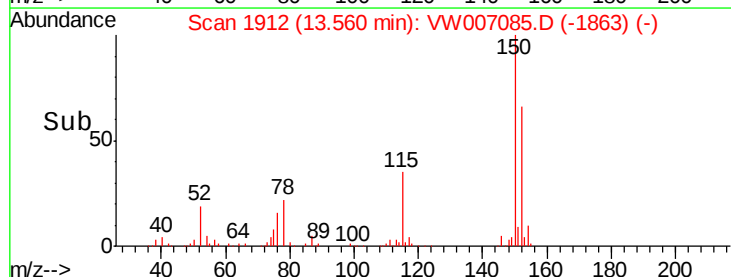
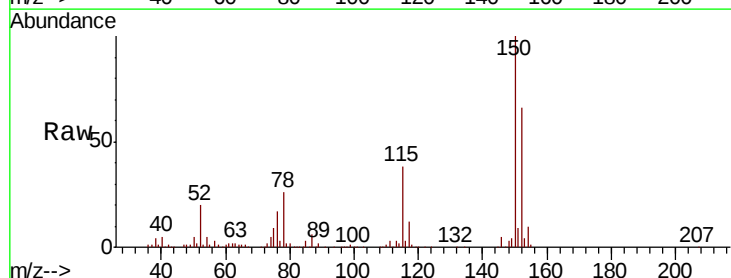
Tgt Ion:152 Resp: 77809

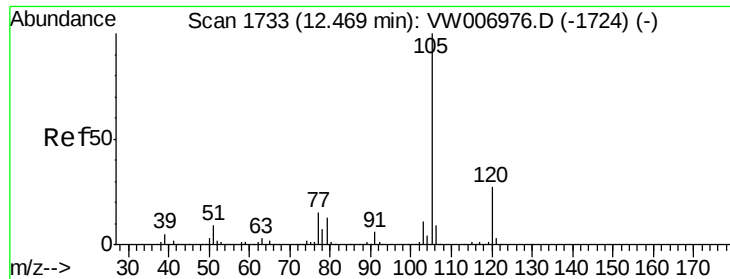
Ion Ratio Lower Upper

152 100

115 58.4 31.4 94.2

150 163.3 0.0 353.4





#73

Isopropylbenzene

Concen: 21.173 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

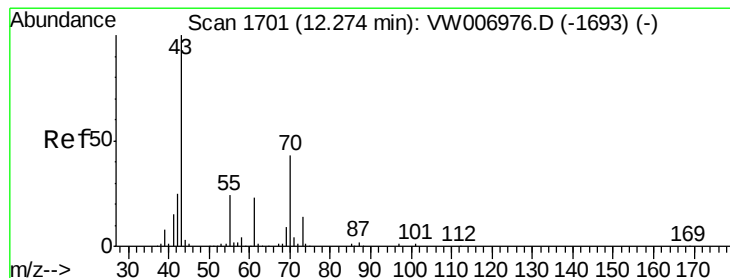
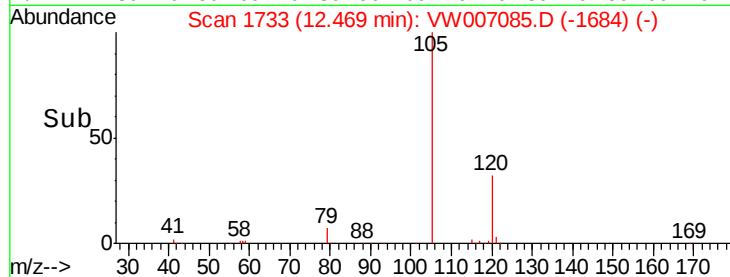
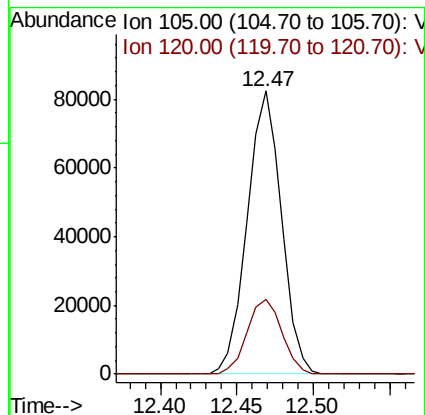
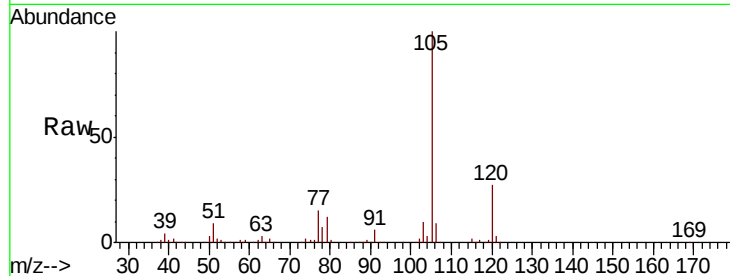
VW1127SBS01

Tot Ion:105 Resp: 128040

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 21.464 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Tgt Ion: 43 Resp: 21754

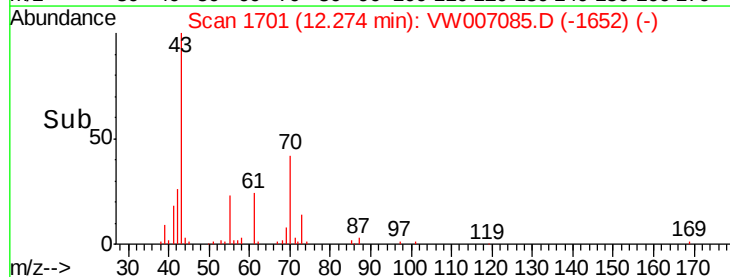
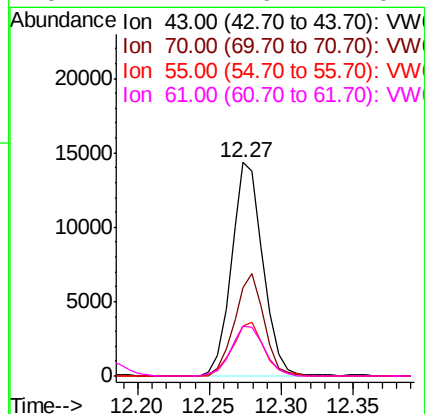
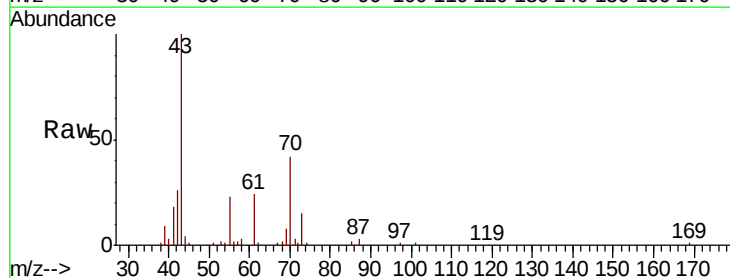
Ion Ratio Lower Upper

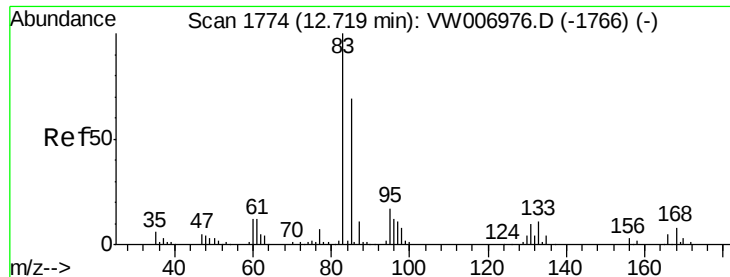
43 100

70 45.1 34.0 51.0

55 24.9 19.4 29.0

61 24.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.971 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampled :

VW1127SBS01

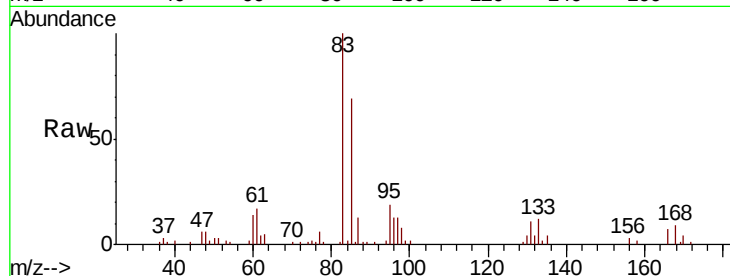
Tot Ion: 83 Resp: 16877

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

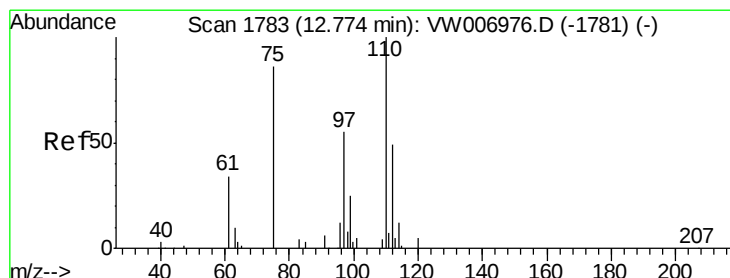
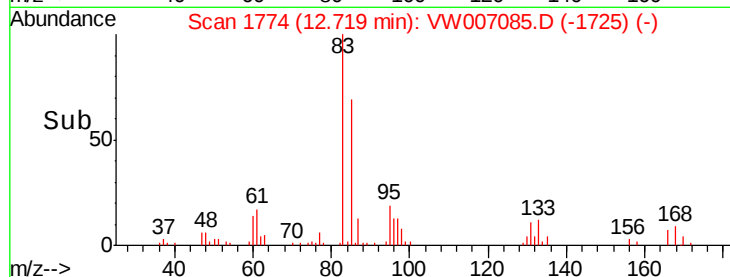
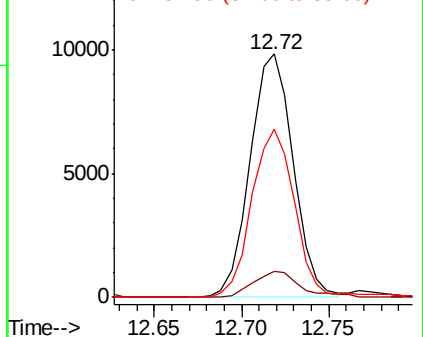
85 69.3 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.407 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007085.D

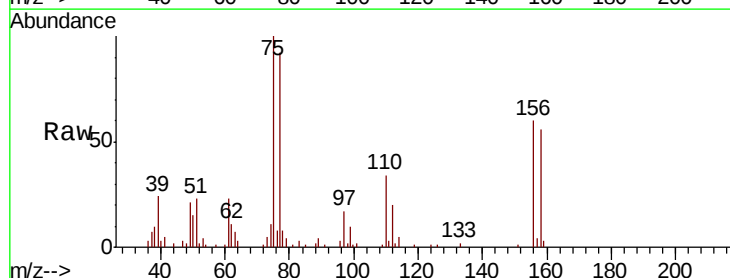
Acq: 27 Nov 2018 14:13

Tgt Ion: 75 Resp: 24094

Ion Ratio Lower Upper

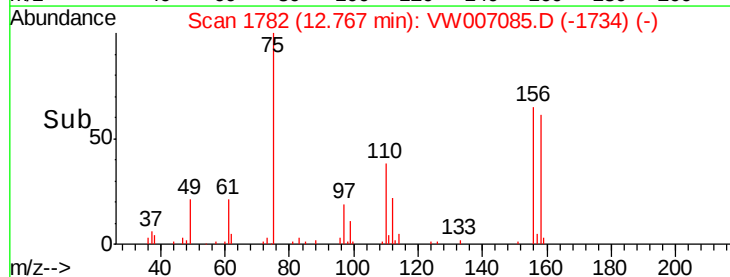
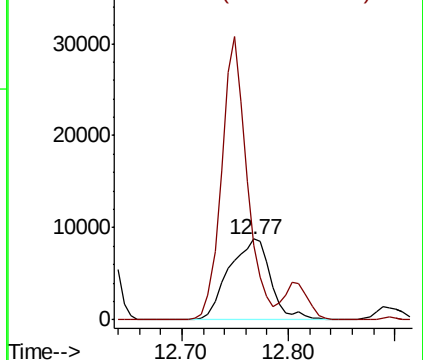
75 100

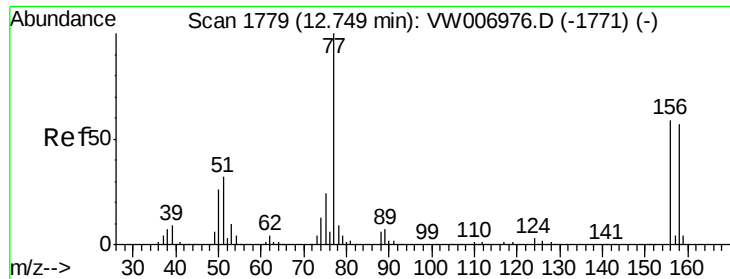
77 212.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.542 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBSD01

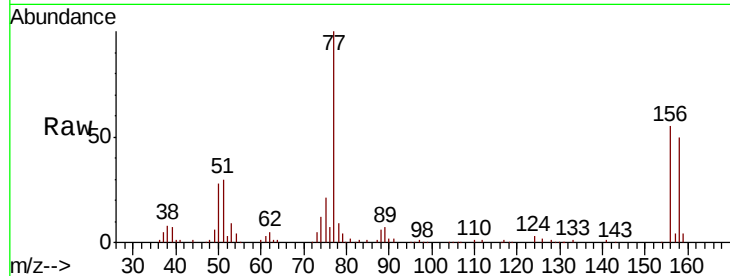
Tot Ion:156 Resp: 27979

Ion Ratio Lower Upper

156 100

77 182.9 94.6 283.8

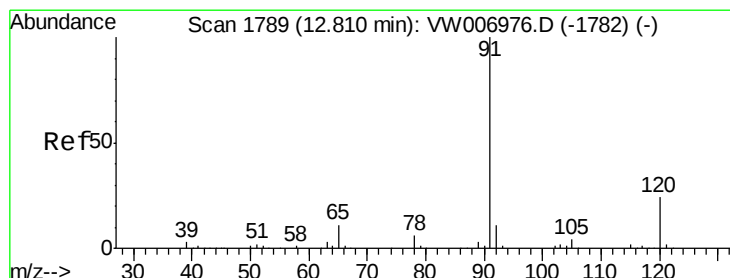
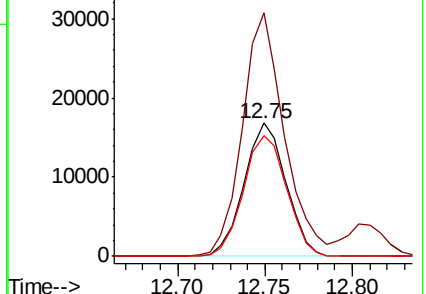
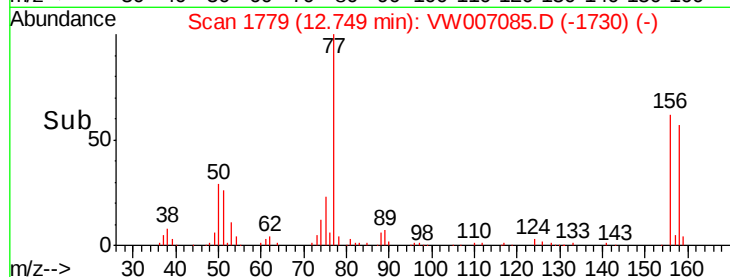
158 93.5 48.9 146.7



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: 21.063 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007085.D

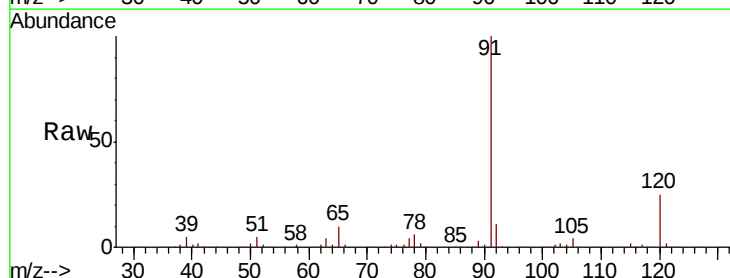
Acq: 27 Nov 2018 14:13

Tgt Ion: 91 Resp: 154289

Ion Ratio Lower Upper

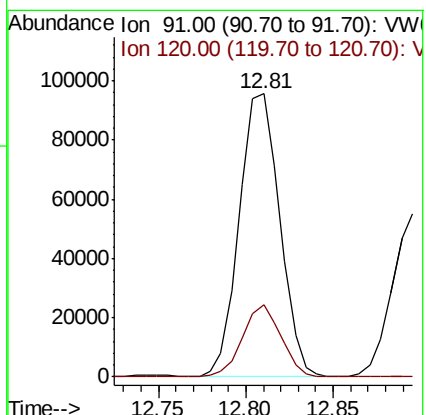
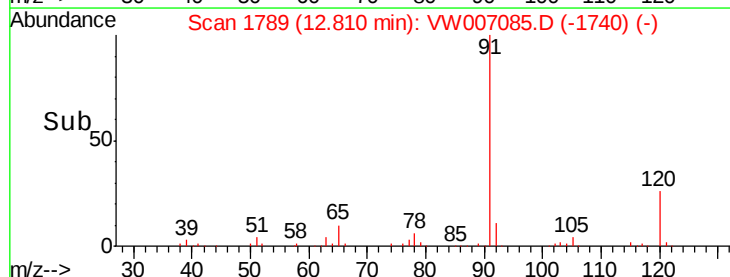
91 100

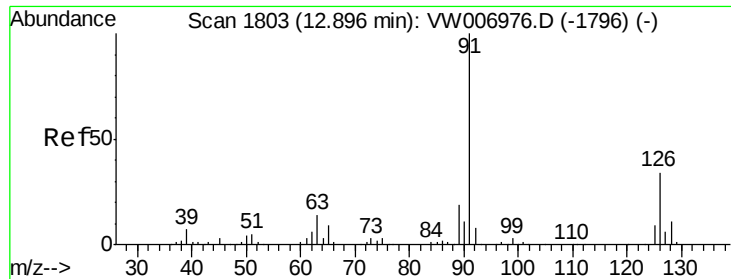
120 23.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

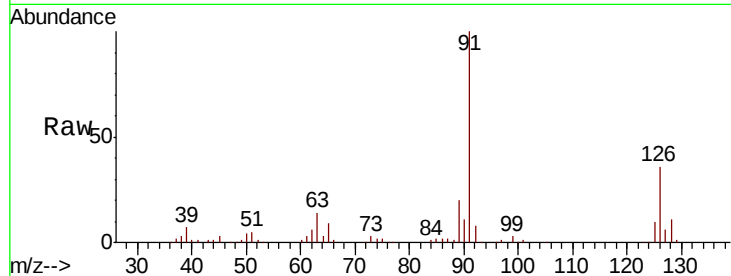




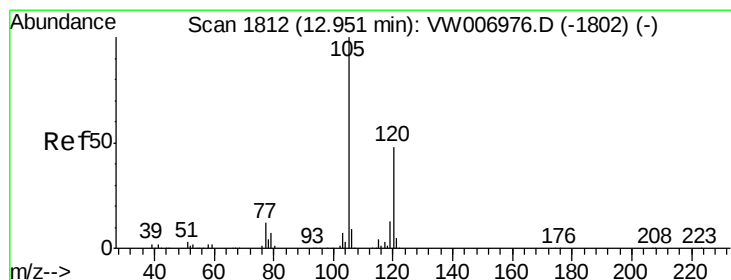
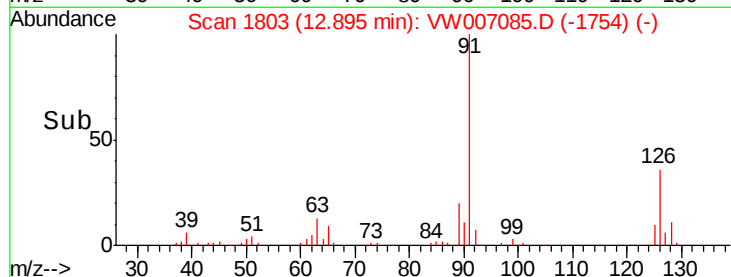
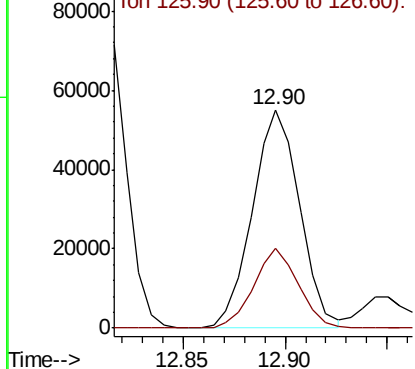
#79
 2-Chlorotoluene
 Concen: 20.975 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1127SBSD01

Tot Ion: 91 Resp: 88588
 Ion Ratio Lower Upper
 91 100
 126 34.7 16.7 50.0

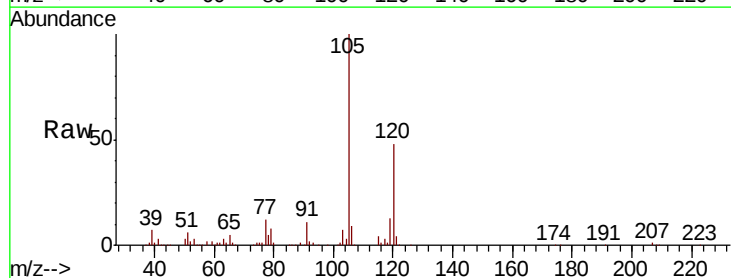


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

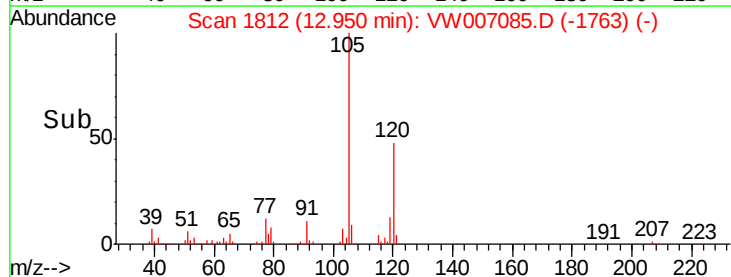
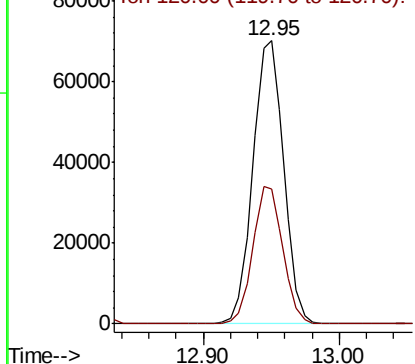


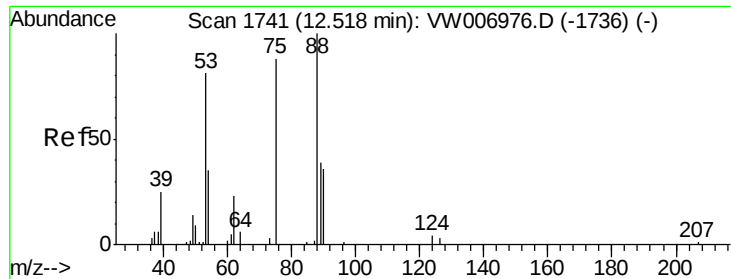
#80
 1,3,5-Trimethylbenzene
 Concen: 21.355 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007085.D
 Acq: 27 Nov 2018 14:13

Tgt Ion: 105 Resp: 111672
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.8 71.2



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

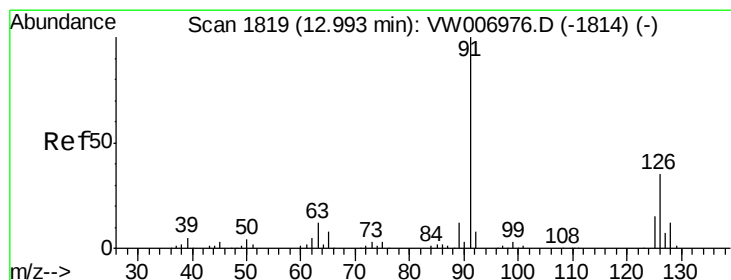
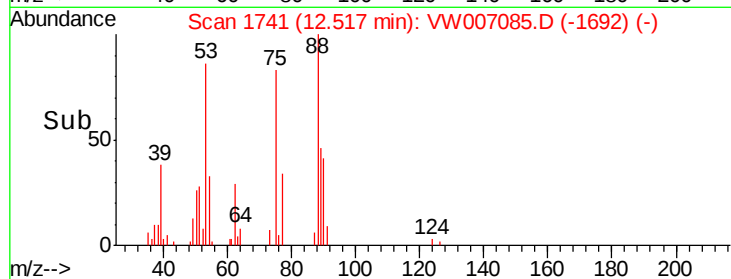
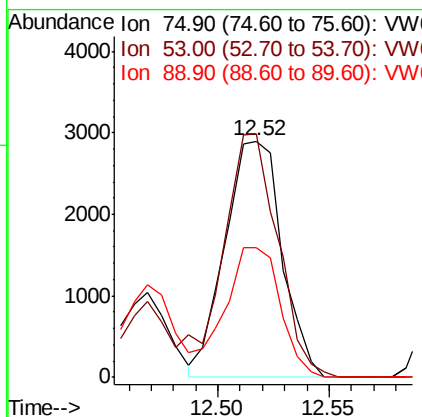
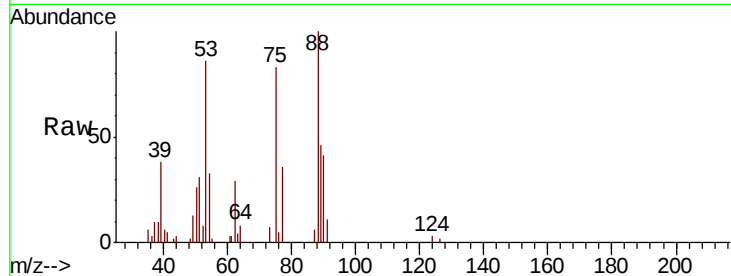




#81
trans-1,4-Dichloro-2-butene
Concen: 21.122 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

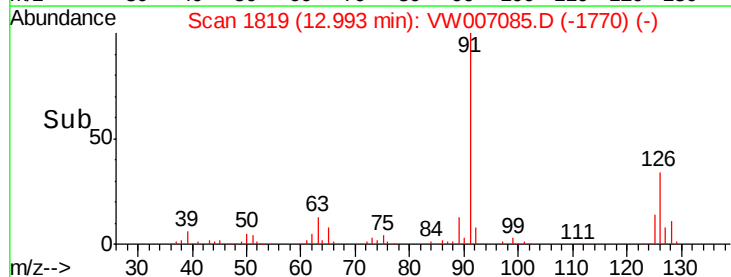
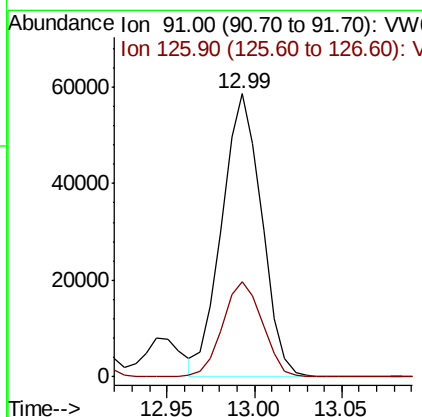
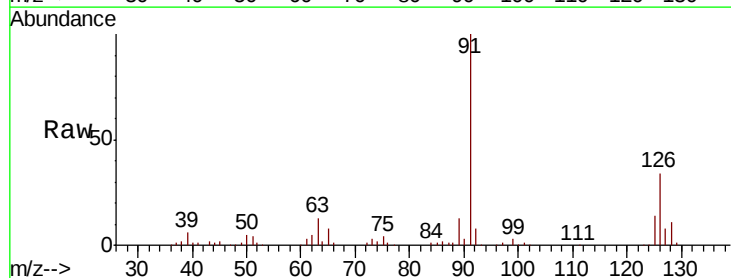
Instrument :
MSVOA_W
ClientSampleId :
VW1127SBS01

Tot Ion: 75 Resp: 5144
Ion Ratio Lower Upper
75 100
53 100.4 77.6 116.4
89 53.9 39.3 58.9



#82
4-Chlorotoluene
Concen: 20.916 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion: 91 Resp: 92705
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7

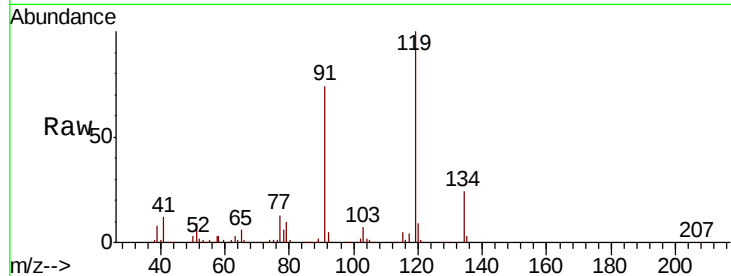




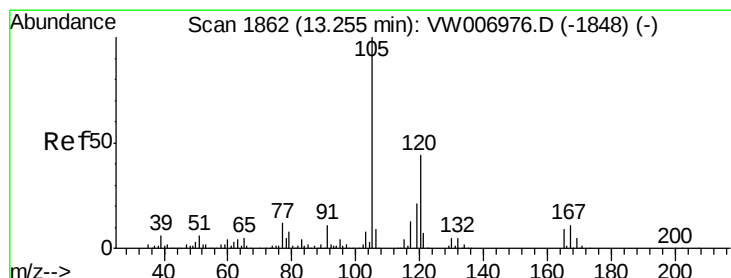
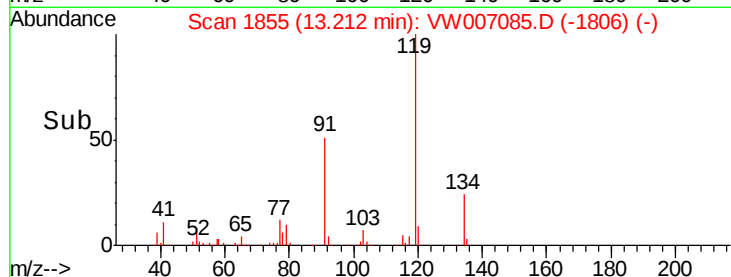
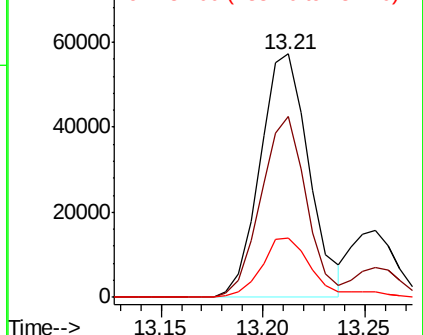
#83
tert-Butylbenzene
Concen: 21.184 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
VW1127SBS01

Tot Ion:119 Resp: 95908
Ion Ratio Lower Upper
119 100
91 68.7 33.5 100.5
134 25.7 12.6 37.8

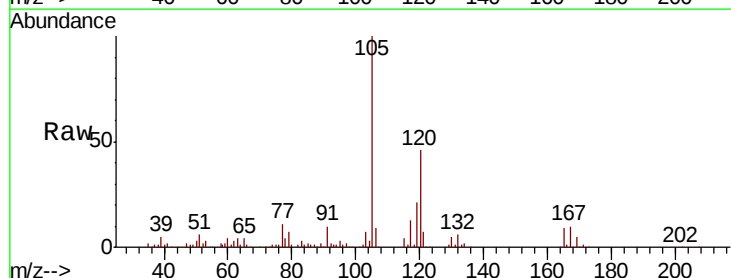


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

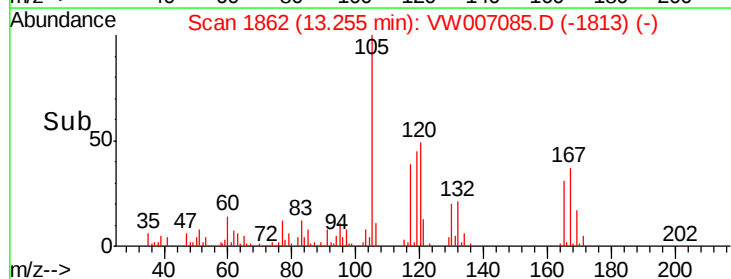
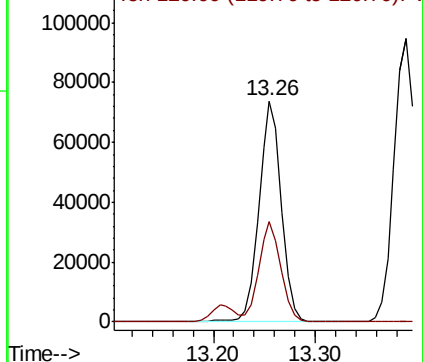


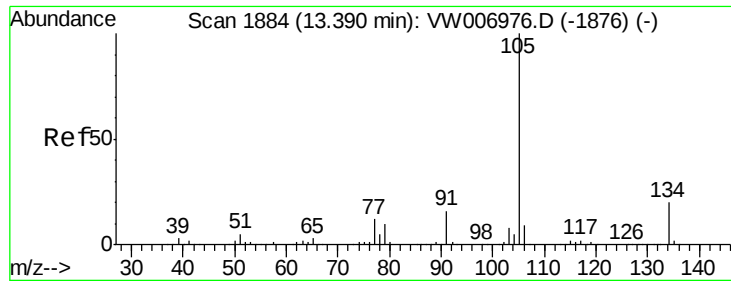
#84
1,2,4-Trimethylbenzene
Concen: 21.576 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion:105 Resp: 112413
Ion Ratio Lower Upper
105 100
120 44.2 21.8 65.3



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





#85

sec-Butylbenzene

Concen: 22.027 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

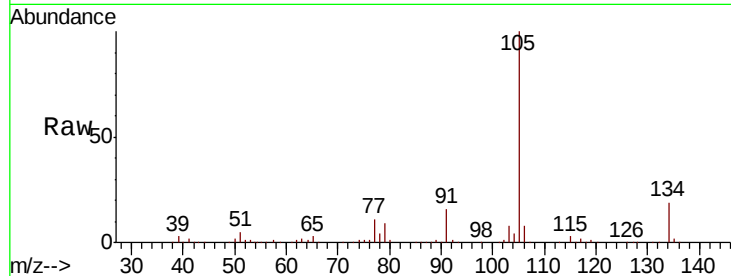
VW1127SBSD01

Tot Ion:105 Resp: 140886

Ion Ratio Lower Upper

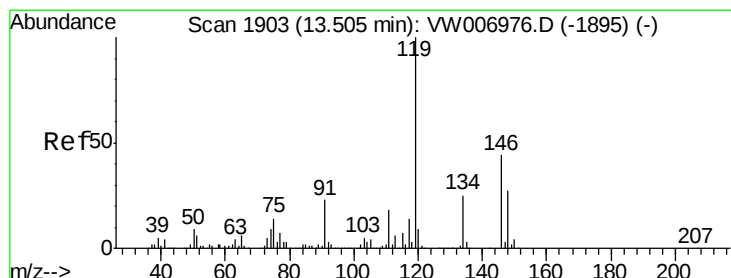
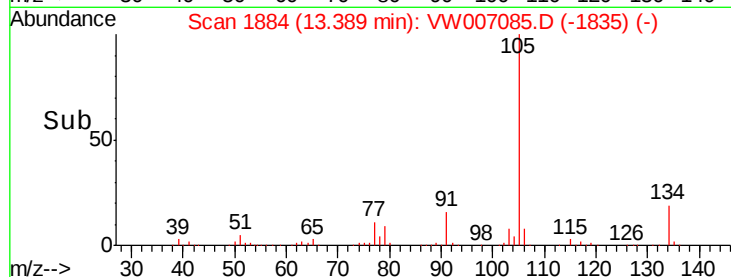
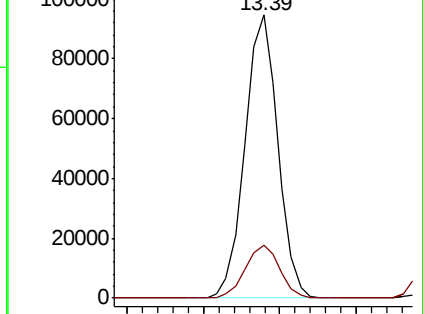
105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.029 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

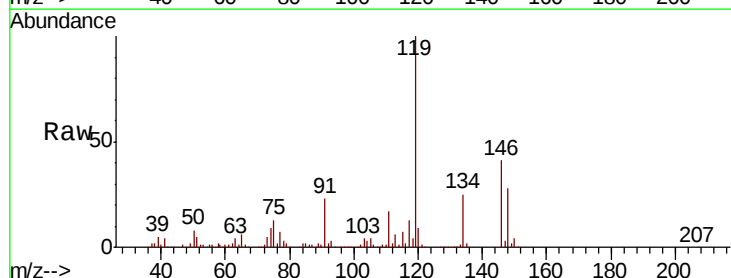
Tgt Ion:119 Resp: 124305

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

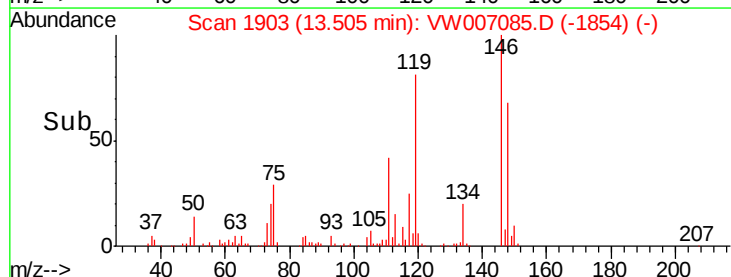
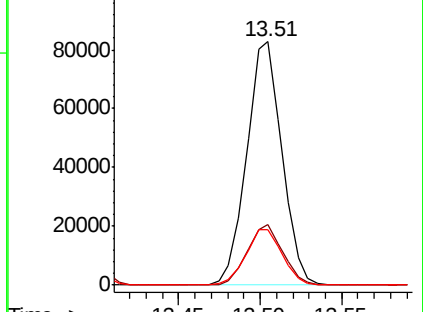
91 23.7 12.2 36.6

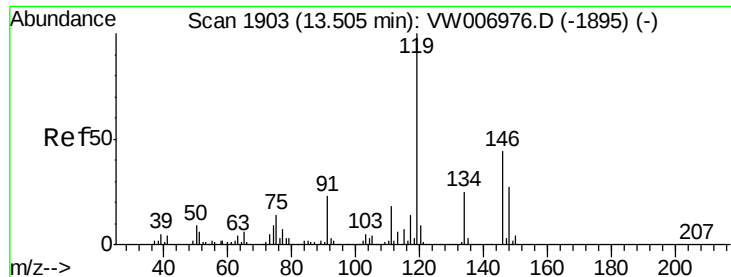


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.761 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBSD01

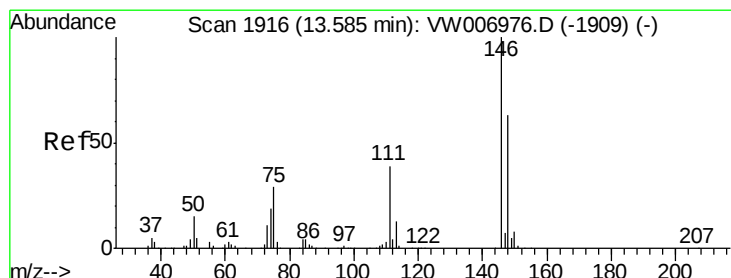
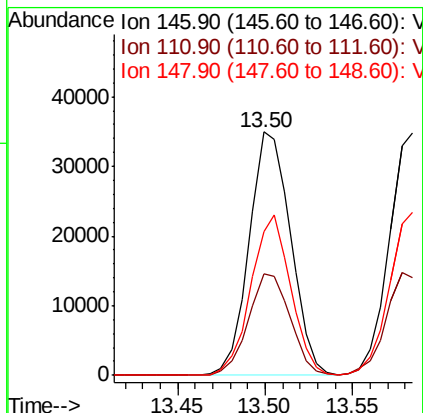
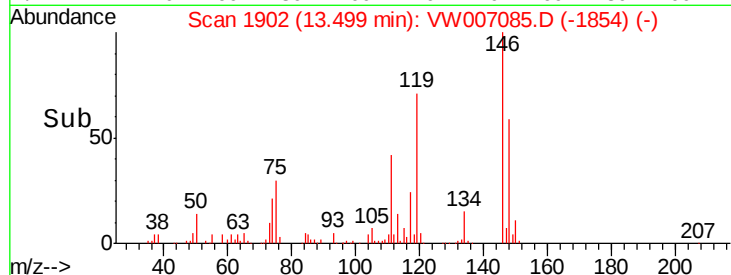
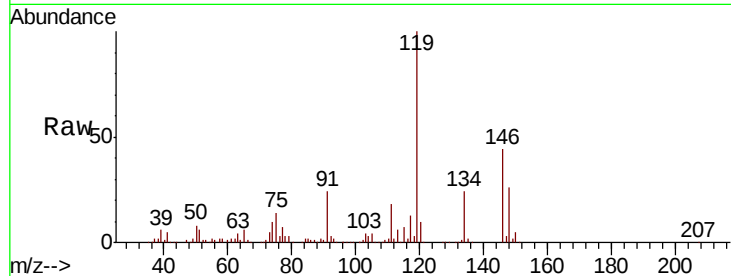
Tot Ion:146 Resp: 57701

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.3

148 62.8 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 21.026 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

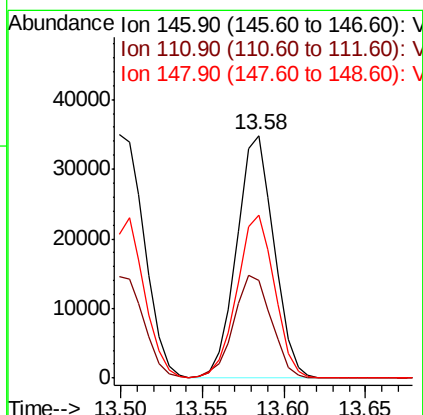
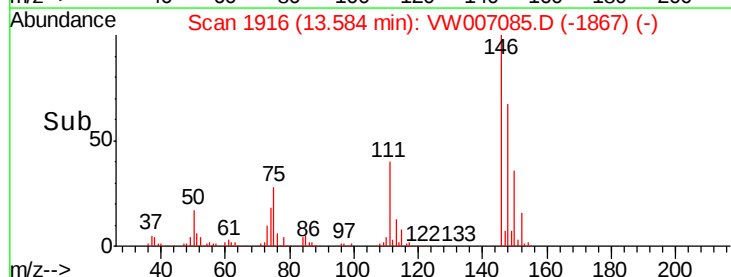
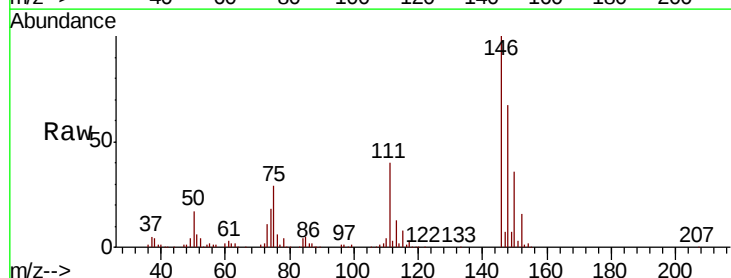
Tgt Ion:146 Resp: 55587

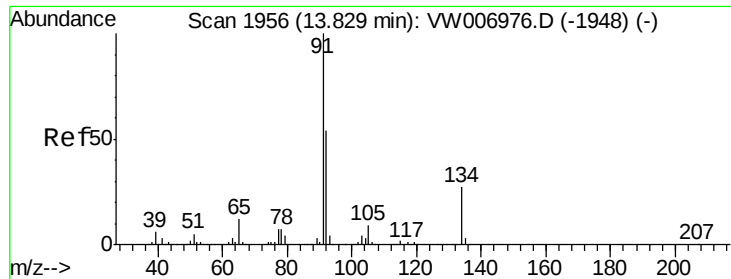
Ion Ratio Lower Upper

146 100

111 42.9 20.6 61.8

148 67.4 32.3 96.8





#89

n-Butylbenzene

Concen: 21.511 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBS01

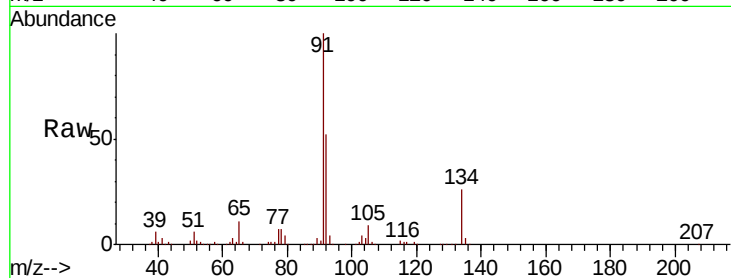
Tot Ion: 91 Resp: 114224

Ion Ratio Lower Upper

91 100

92 51.2 26.8 80.4

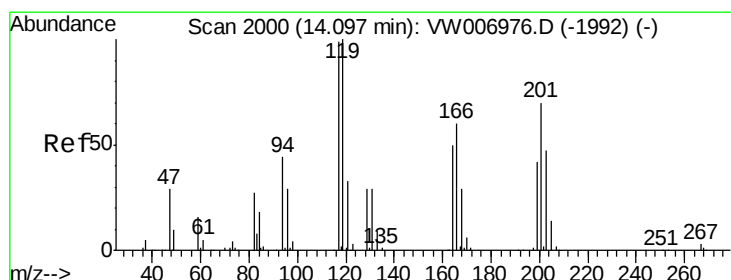
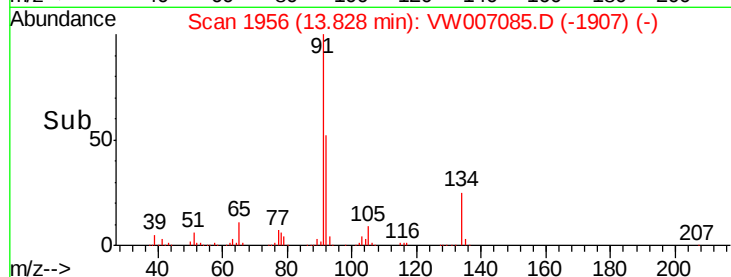
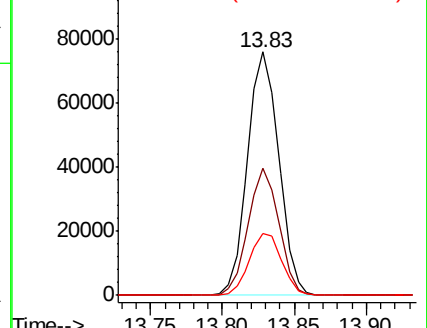
134 26.3 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 22.113 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007085.D

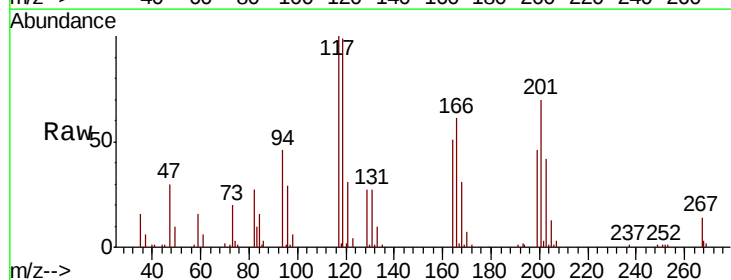
Acq: 27 Nov 2018 14:13

Tgt Ion: 117 Resp: 18217

Ion Ratio Lower Upper

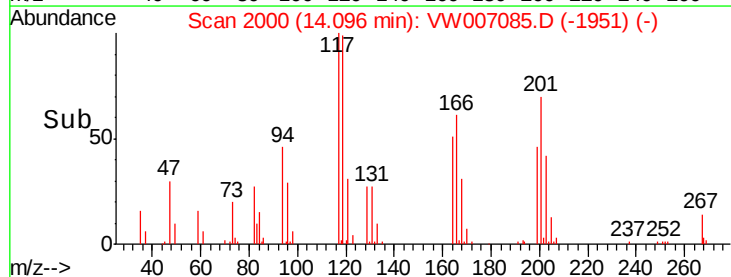
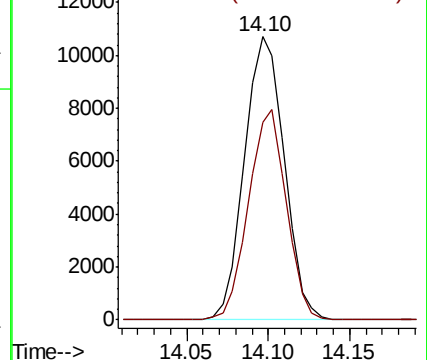
117 100

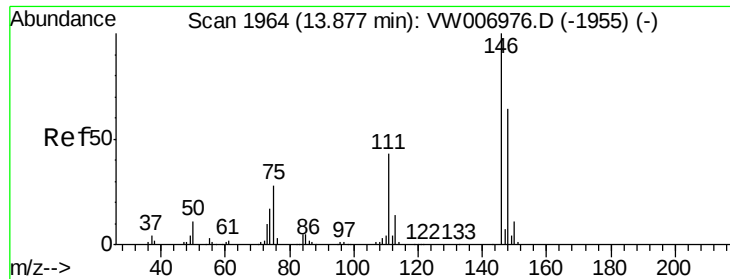
201 70.6 35.9 107.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.383 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

VW1127SBSD01

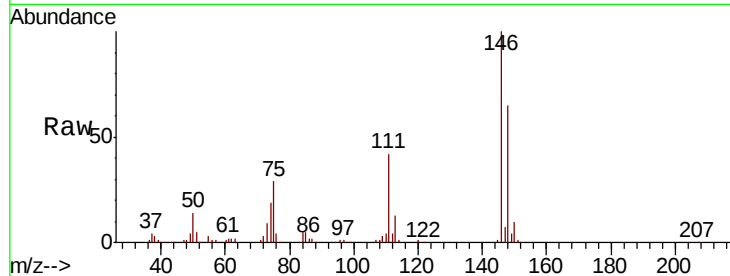
Tot Ion:146 Resp: 49681

Ion Ratio Lower Upper

146 100

111 43.8 21.9 65.7

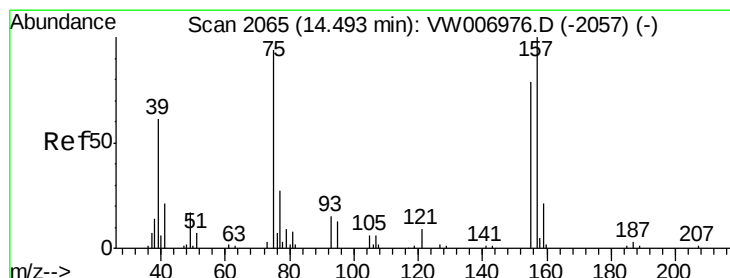
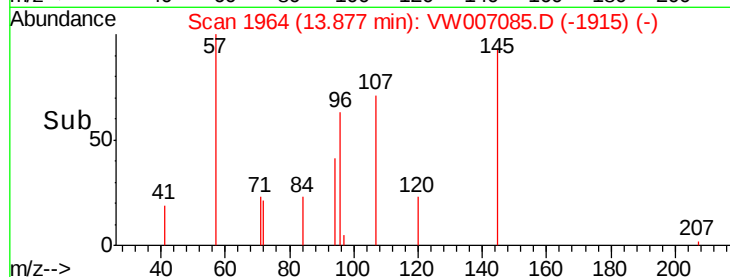
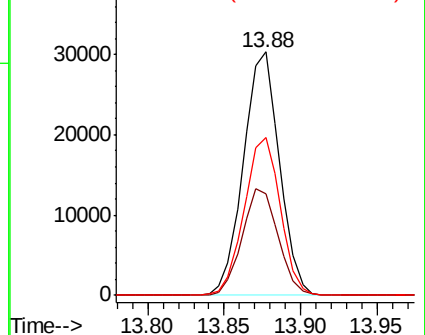
148 65.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.976 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW007085.D

Acq: 27 Nov 2018 14:13

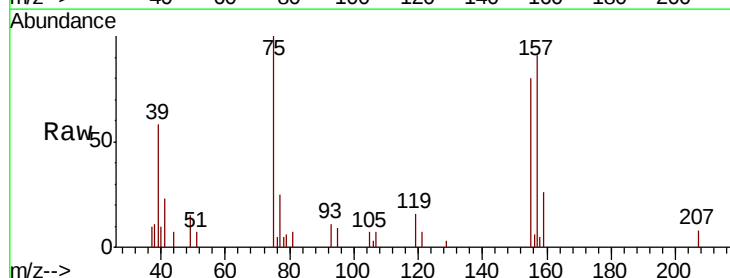
Tgt Ion: 75 Resp: 2987

Ion Ratio Lower Upper

75 100

155 86.3 42.6 127.8

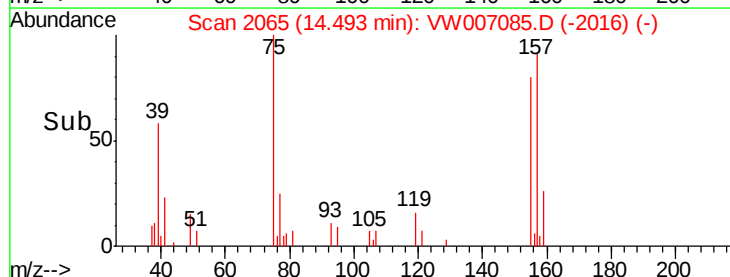
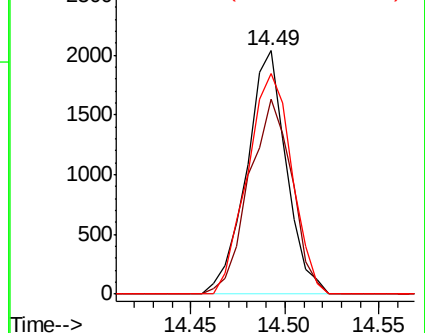
157 101.4 55.0 165.0

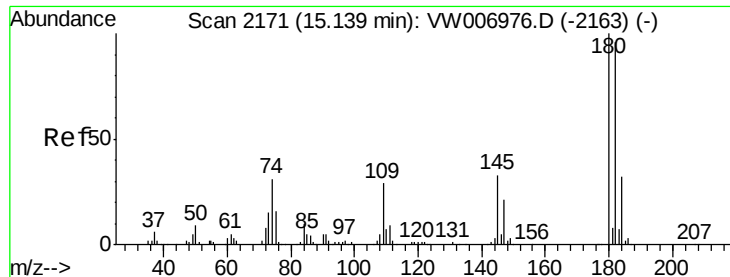


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

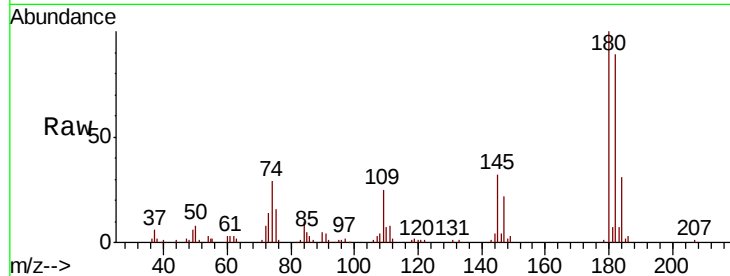




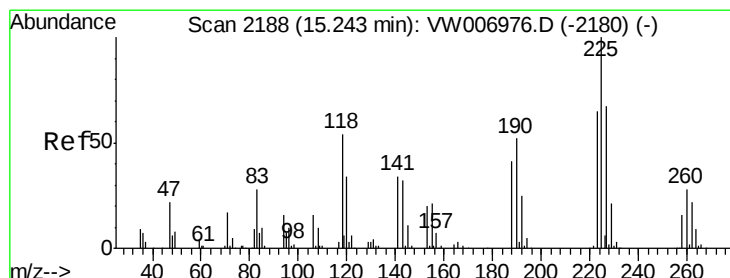
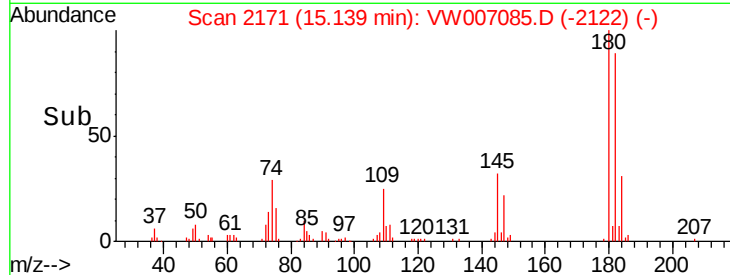
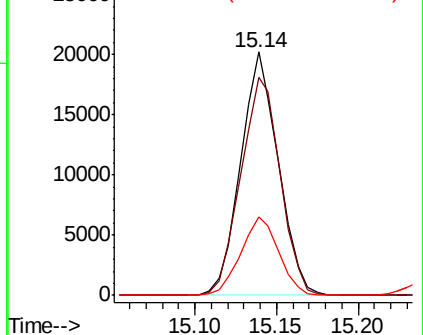
#93
1,2,4-Trichlorobenzene
Concen: 21.131 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

Tot Ion:180 Resp: 32374
Ion Ratio Lower Upper
180 100
182 94.2 47.1 141.3
145 32.6 16.5 49.5

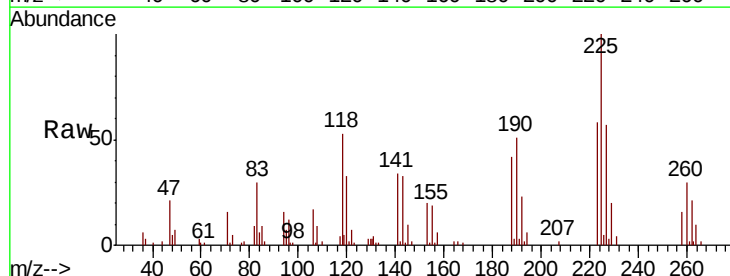


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

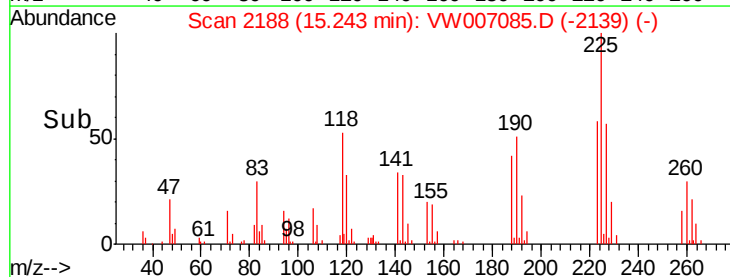
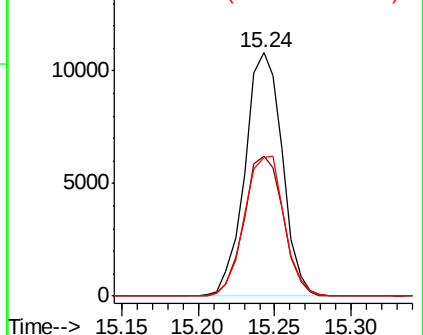


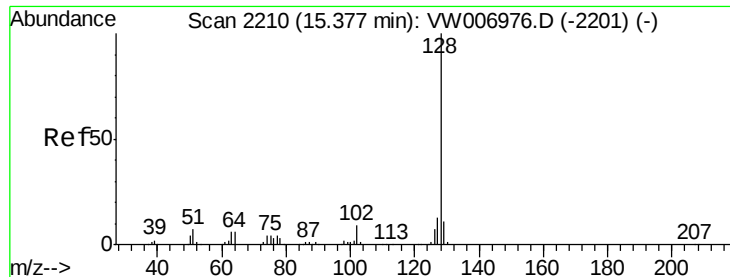
#94
Hexachlorobutadiene
Concen: 22.064 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion:225 Resp: 18377
Ion Ratio Lower Upper
225 100
223 60.2 32.4 97.0
227 61.1 31.9 95.5



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

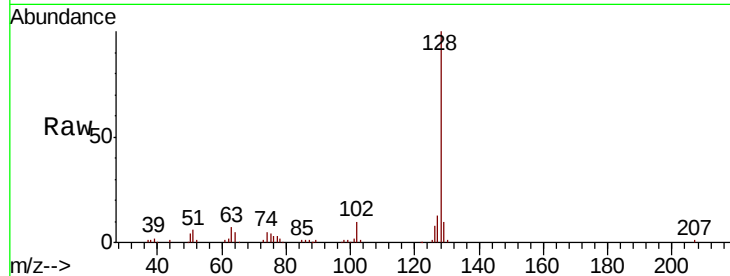




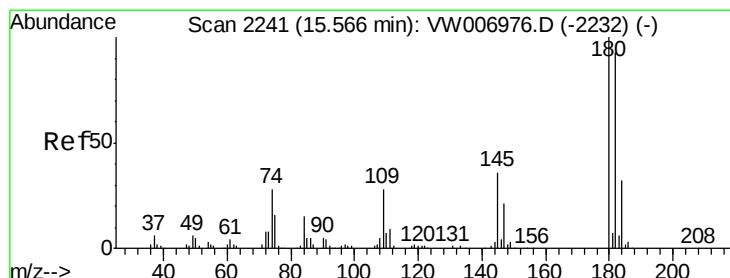
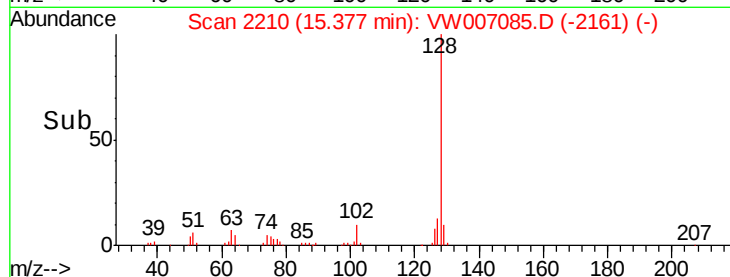
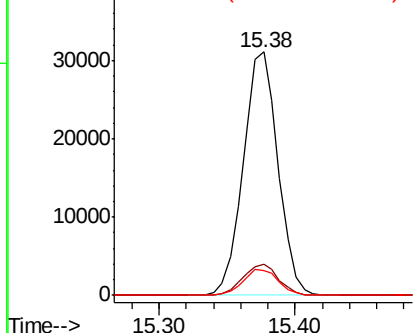
#95
Naphthalene
Concen: 19.945 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
VW1127SBSD01

Tot Ion:128 Resp: 55468
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.7 13.1

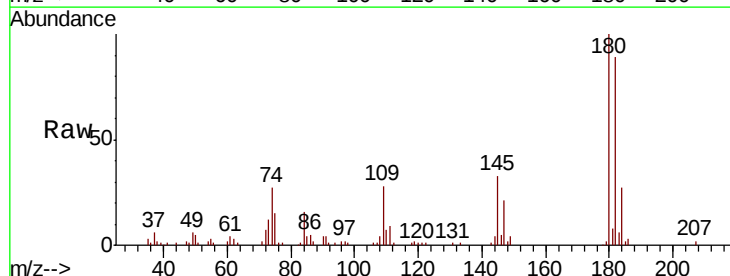


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.024 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007085.D
Acq: 27 Nov 2018 14:13

Tgt Ion:180 Resp: 26723
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.2
145 35.5 18.0 54.0



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

