

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007065.D
 Acq On : 27 Nov 2018 00:54
 Operator : VAY/AP
 Sample : VW1126SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

Quant Time: Nov 27 05:30:26 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	98046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	163124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78279	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	56701	59.07	ug/l	0.00
Spiked Amount			Recovery	=	118.14%	
35) Dibromofluoromethane	7.88	113	50038	54.32	ug/l	0.00
Spiked Amount			Recovery	=	108.64%	
50) Toluene-d8	10.32	98	210017	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.62	95	83899	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	22933	23.690	ug/l	97
3) Chloromethane	2.21	50	19038	23.599	ug/l	99
4) Vinyl Chloride	2.35	62	17698	22.297	ug/l	97
5) Bromomethane	2.77	94	10324	24.369	ug/l	91
6) Chloroethane	2.91	64	9460	21.621	ug/l	97
7) Trichlorofluoromethane	3.26	101	34758	22.269	ug/l	100
8) Diethyl Ether	3.68	74	12505	24.865	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22249	21.988	ug/l	99
10) Methyl Iodide	4.27	142	21701	18.735	ug/l	99
11) Tert butyl alcohol	5.23	59	8218	131.514	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	20216	22.780	ug/l	97
13) Acrolein	3.91	56	7145	111.340	ug/l	98
14) Allyl chloride	4.67	41	33542	22.787	ug/l	100
15) Acrylonitrile	5.38	53	23911	126.499	ug/l	97
16) Acetone	4.14	43	18831	135.120	ug/l	98
17) Carbon Disulfide	4.38	76	66770	23.272	ug/l	97
18) Methyl Acetate	4.68	43	12761	25.712	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	61456	26.521	ug/l	95
20) Methylene Chloride	4.92	84	27052	21.252	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	23968	23.185	ug/l	95
22) Diisopropyl ether	6.31	45	70352	24.556	ug/l	97
23) Vinyl Acetate	6.26	43	202908	133.367	ug/l	100
24) 1,1-Dichloroethane	6.21	63	39853	22.866	ug/l	98
25) 2-Butanone	7.18	43	31047	130.070	ug/l	100
26) 2,2-Dichloropropane	7.17	77	33906	21.633	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	26416	23.995	ug/l	98
28) Bromochloromethane	7.51	49	14855	22.804	ug/l	98
29) Tetrahydrofuran	7.54	42	20353	131.658	ug/l	99
30) Chloroform	7.68	83	42862	23.148	ug/l	100
31) Cyclohexane	7.96	56	42196	22.825	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	39666	23.783	ug/l	99
36) 1,1-Dichloropropene	8.08	75	36517	22.908	ug/l	99
37) Ethyl Acetate	7.25	43	14602	25.278	ug/l	96
38) Carbon Tetrachloride	8.07	117	34957	22.901	ug/l	99

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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)
39) Methylcyclohexane	9.34	83	42102	21.106	ug/l	98
40) Benzene	8.32	78	99423	23.106	ug/l	99
41) Methacrylonitrile	7.48	41	9689	27.009	ug/l	89
42) 1,2-Dichloroethane	8.40	62	28669	22.949	ug/l	100
43) Isopropyl Acetate	8.43	43	28172	25.592	ug/l	99
44) Trichloroethene	9.09	130	29091	24.117	ug/l	94
45) 1,2-Dichloropropane	9.37	63	24975	23.546	ug/l	98
46) Dibromomethane	9.46	93	12870	24.229	ug/l	98
47) Bromodichloromethane	9.65	83	33561	23.981	ug/l	99
48) Methyl methacrylate	9.44	41	12905	24.313	ug/l	96
49) 1,4-Dioxane	9.48	88	3867	489.804	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	68350	122.867	ug/l	99
52) Toluene	10.39	92	64744	22.109	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	32609	24.053	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	39155	23.906	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	19132	24.481	ug/l	97
56) Ethyl methacrylate	10.65	69	22420	24.715	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32316	24.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	57422	121.134	ug/l	100
59) 2-Hexanone	10.97	43	45940	120.595	ug/l	100
60) Dibromochloromethane	11.13	129	22018	24.725	ug/l	99
61) 1,2-Dibromoethane	11.24	107	18028	25.217	ug/l	100
64) Tetrachloroethene	10.87	164	23600	24.123	ug/l	96
65) Chlorobenzene	11.66	112	71596	22.557	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	23799	24.786	ug/l	100
67) Ethyl Benzene	11.73	91	128465	22.032	ug/l	100
68) m/p-Xylenes	11.84	106	101031	44.164	ug/l	99
69) o-Xylene	12.17	106	48056	22.279	ug/l	98
70) Styrene	12.18	104	78345	22.820	ug/l	99
71) Bromoform	12.35	173	11572	25.584	ug/l #	100
73) Isopropylbenzene	12.47	105	130814	21.502	ug/l	100
74) N-amyl acetate	12.27	43	25300	24.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	20177	24.921	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	26424	42.958	ug/l #	100
77) Bromobenzene	12.75	156	29806	22.810	ug/l	96
78) n-propylbenzene	12.80	91	155953	21.163	ug/l	100
79) 2-Chlorotoluene	12.90	91	91642	21.568	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	114422	21.749	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	5652	23.069	ug/l	97
82) 4-Chlorotoluene	12.99	91	97180	21.794	ug/l	100
83) tert-Butylbenzene	13.21	119	98183	21.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	116212	22.172	ug/l	98
85) sec-Butylbenzene	13.39	105	137074	21.302	ug/l	99
86) p-Isopropyltoluene	13.50	119	123096	21.684	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	59781	22.410	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	58375	21.948	ug/l	98
89) n-Butylbenzene	13.83	91	113777	21.298	ug/l	100
90) Hexachloroethane	14.10	117	18873	22.772	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	52233	22.346	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3222	23.563	ug/l	98

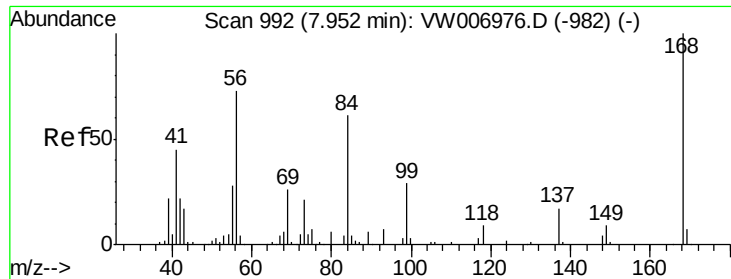
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	35179	22.824	ug/l	99
94) Hexachlorobutadiene	15.24	225	17707	21.132	ug/l	98
95) Naphthalene	15.37	128	64153	22.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	29664	23.198	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

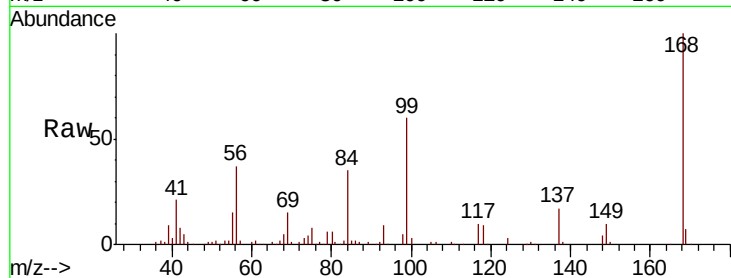
VW1126SBS02

Tot Ion:168 Resp: 98046

Ion Ratio Lower Upper

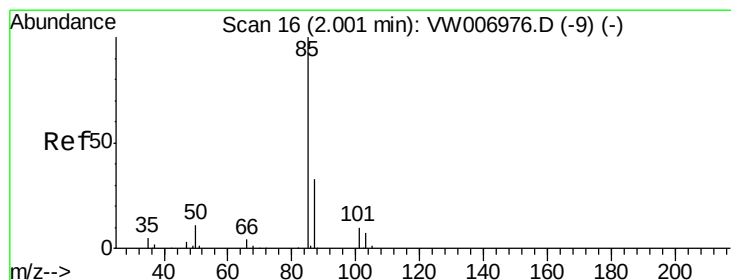
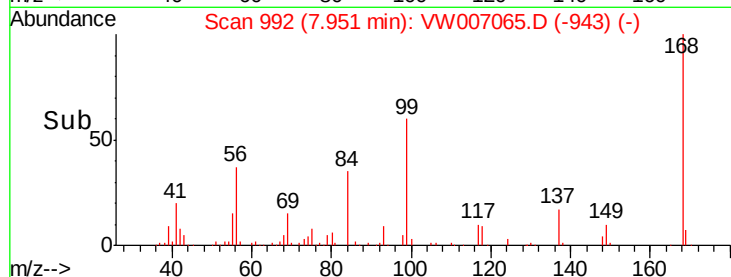
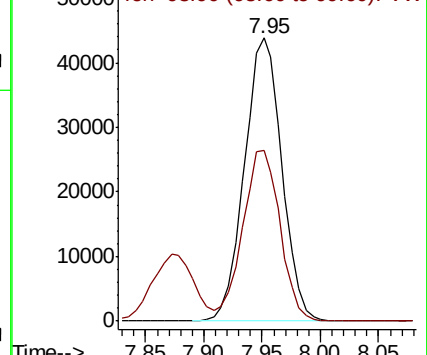
168 100

99 60.4 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: 23.690 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007065.D

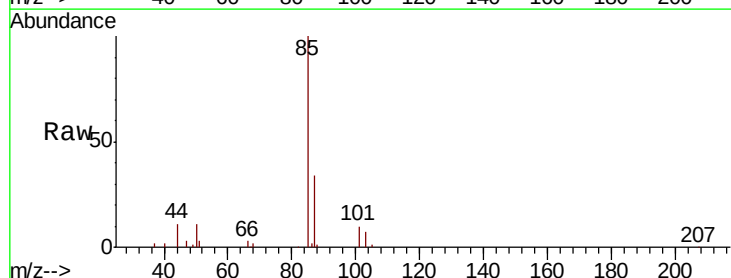
Acq: 27 Nov 2018 00:54

Tgt Ion: 85 Resp: 22933

Ion Ratio Lower Upper

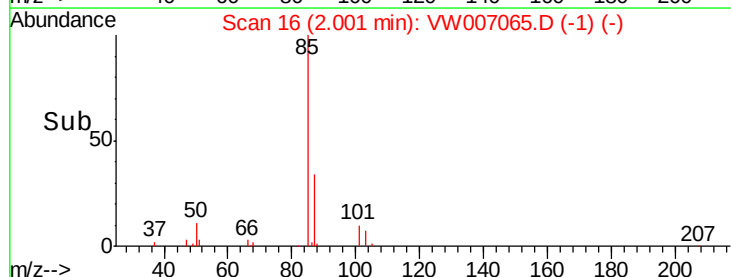
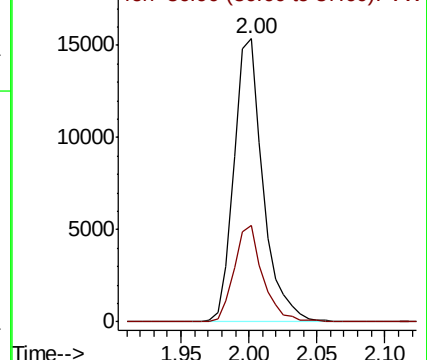
85 100

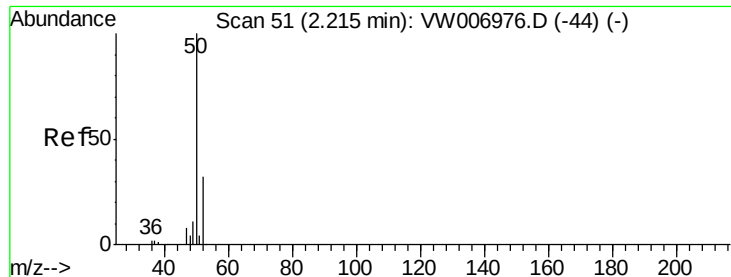
87 34.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 23.599 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

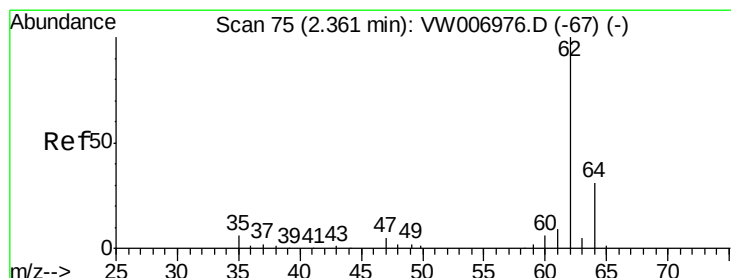
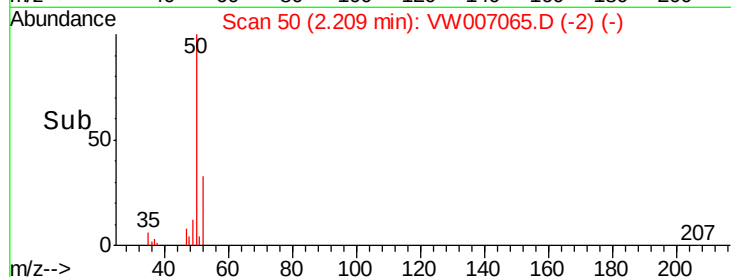
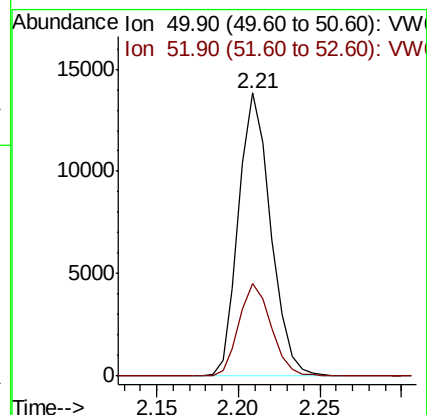
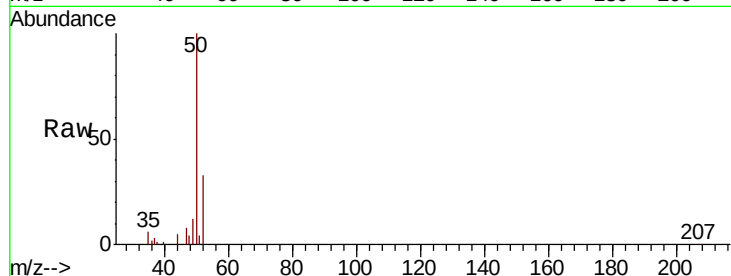
VW1126SBS02

Tot Ion: 50 Resp: 19038

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 22.297 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007065.D

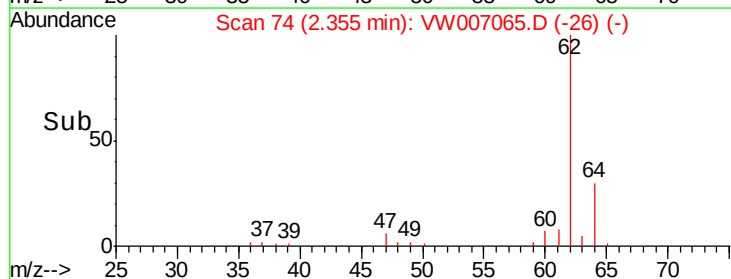
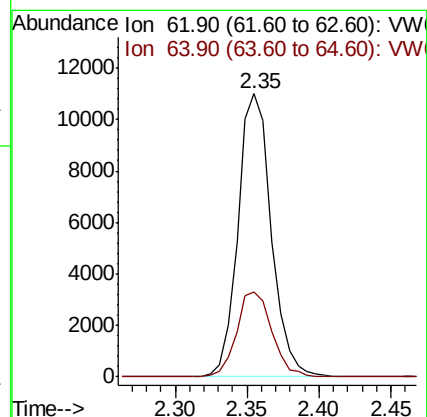
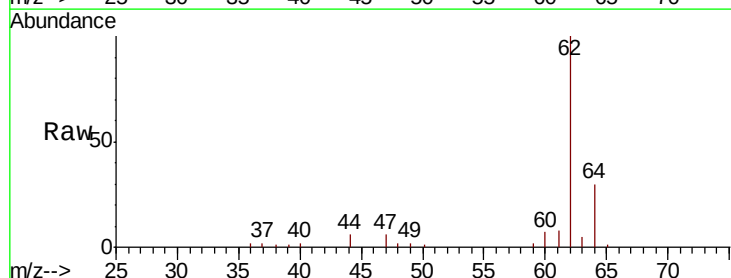
Acq: 27 Nov 2018 00:54

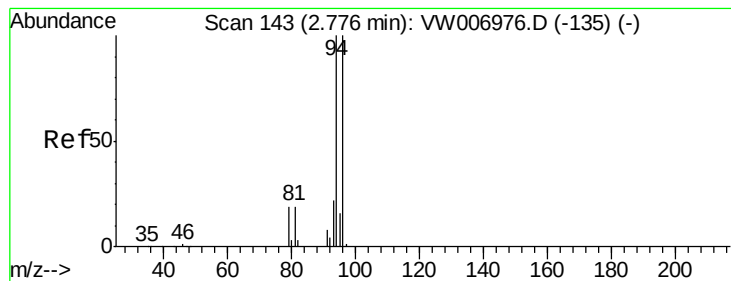
Tgt Ion: 62 Resp: 17698

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 24.369 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

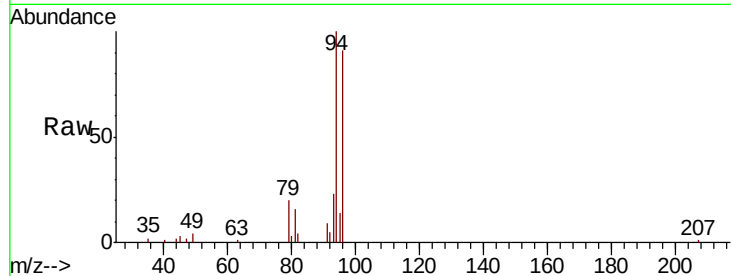
VW1126SBS02

Tot Ion: 94 Resp: 10324

Ion Ratio Lower Upper

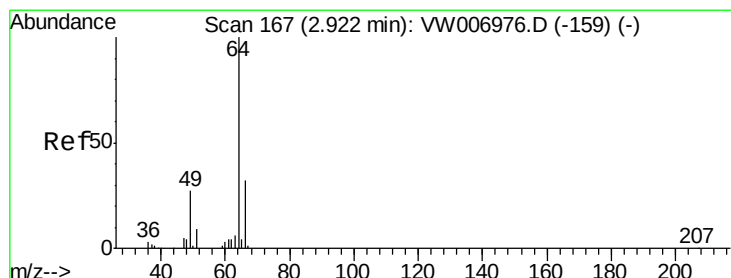
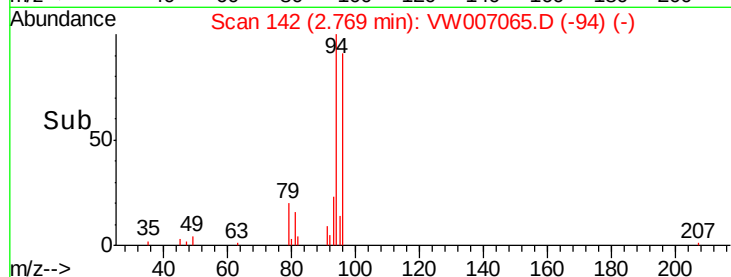
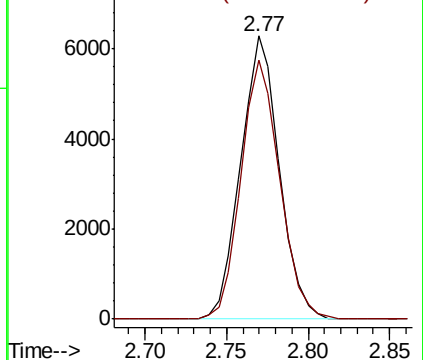
94 100

96 91.3 80.2 120.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.621 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007065.D

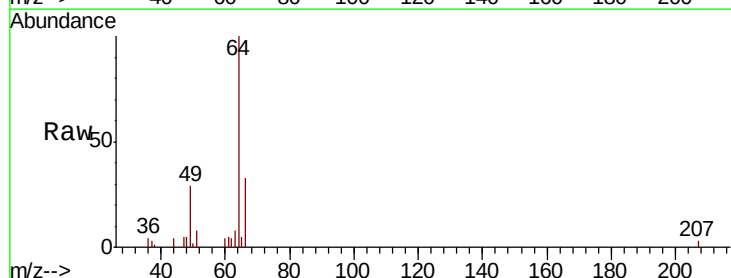
Acq: 27 Nov 2018 00:54

Tgt Ion: 64 Resp: 9460

Ion Ratio Lower Upper

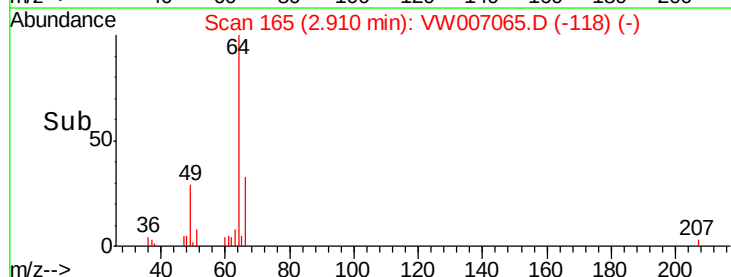
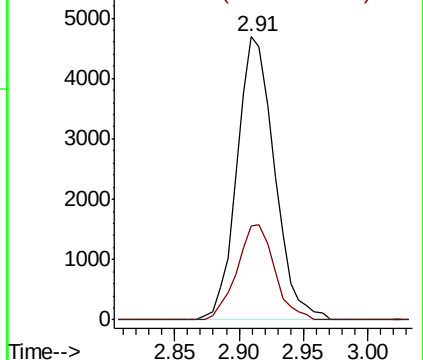
64 100

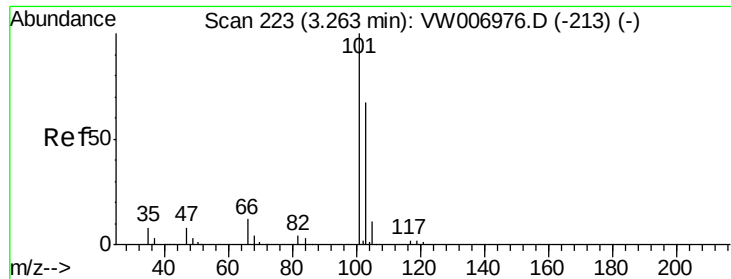
66 33.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



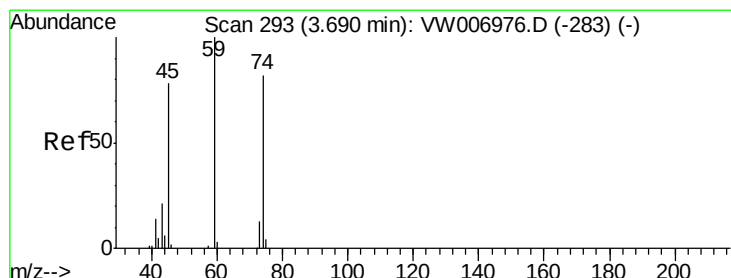
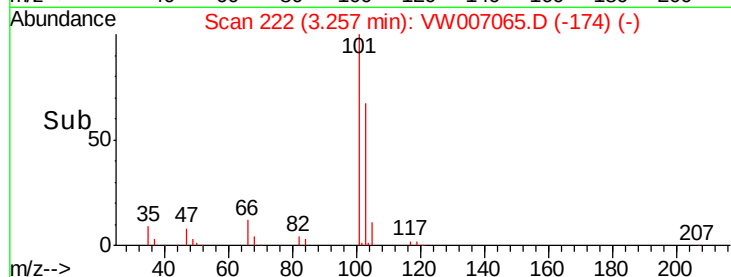
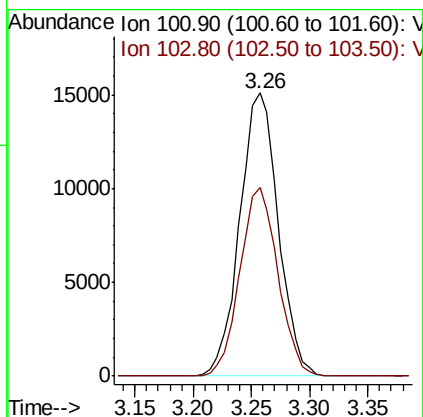
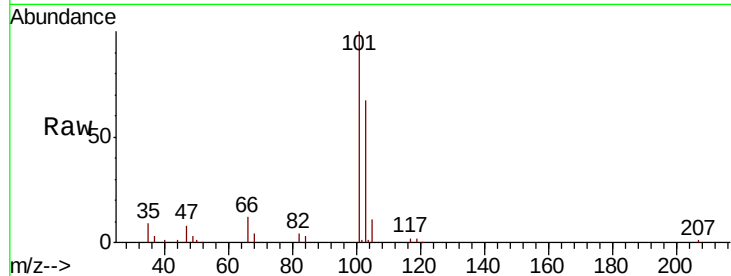


#7

Trichlorofluoromethane
 Concen: 22.269 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

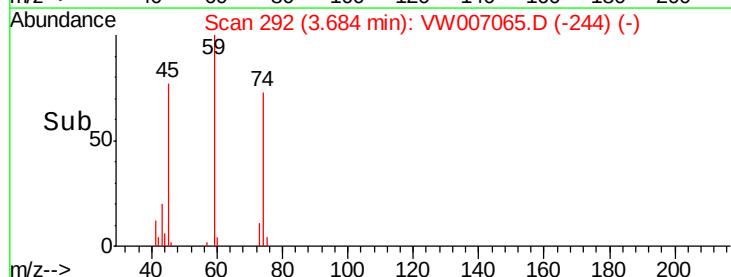
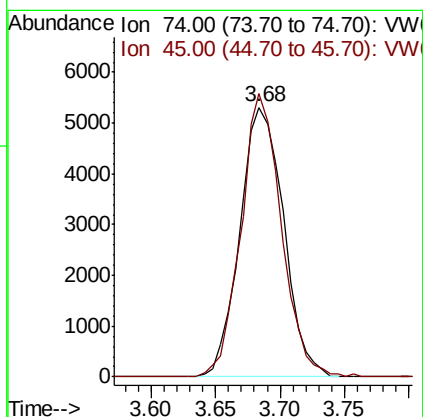
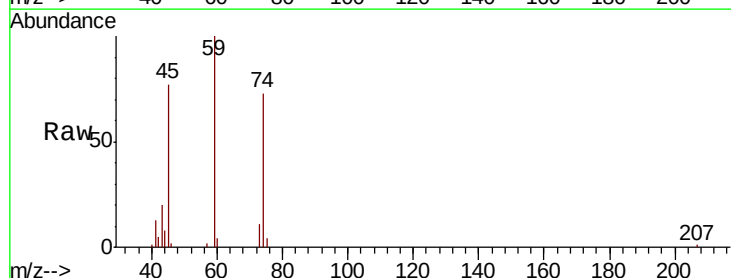
Tot Ion:101 Resp: 34758
 Ion Ratio Lower Upper
 101 100
 103 66.8 53.4 80.2

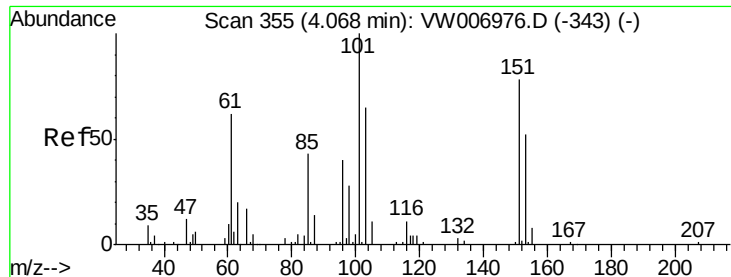


#8

Diethyl Ether
 Concen: 24.865 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion: 74 Resp: 12505
 Ion Ratio Lower Upper
 74 100
 45 97.1 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.988 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

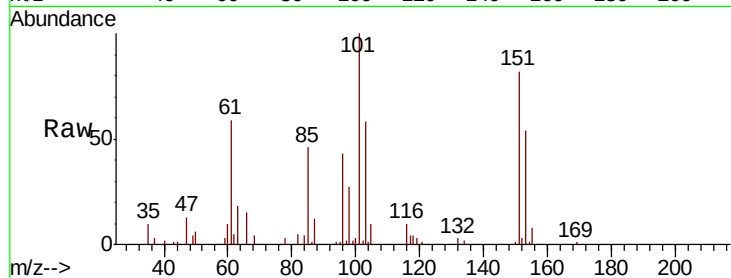
Tot Ion:101 Resp: 22249

Ion Ratio Lower Upper

101 100

85 43.7 34.3 51.5

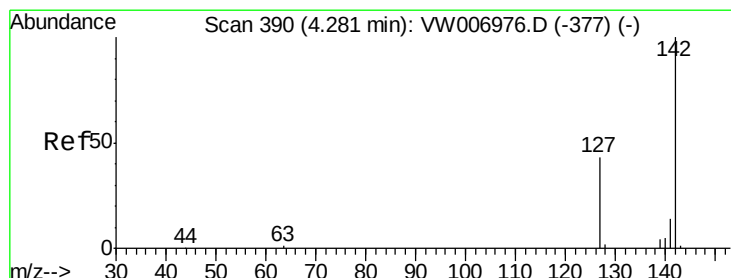
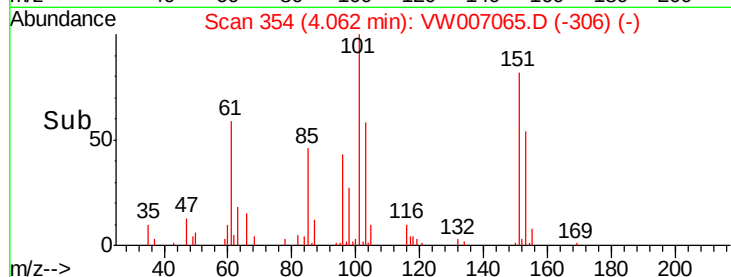
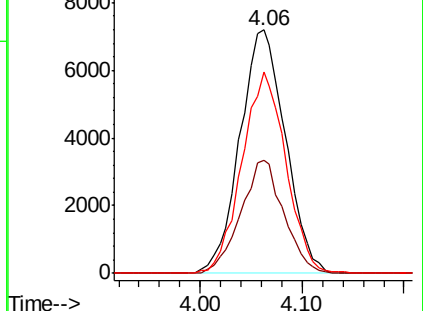
151 79.9 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.735 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

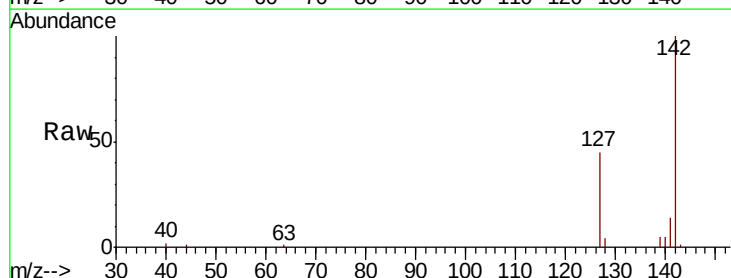
Tgt Ion:142 Resp: 21701

Ion Ratio Lower Upper

142 100

127 43.3 35.3 52.9

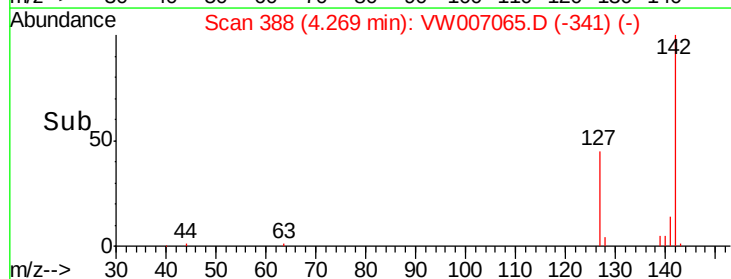
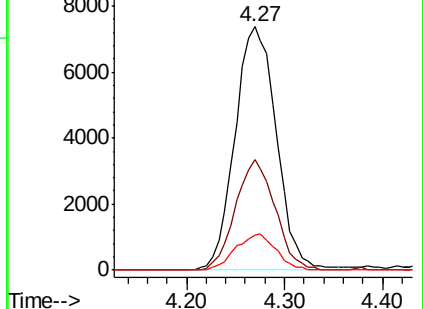
141 14.4 11.7 17.5

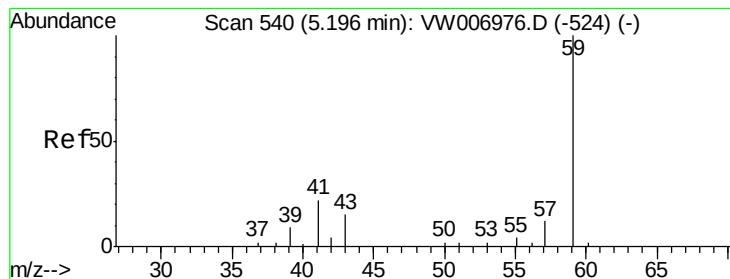


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



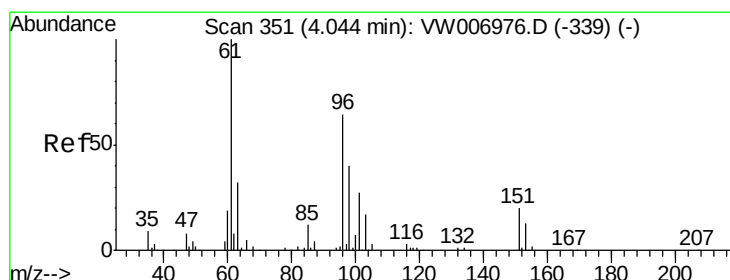
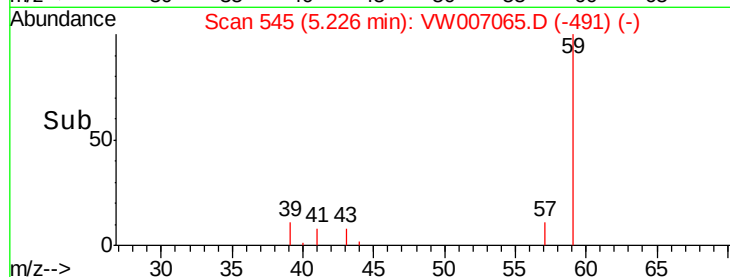
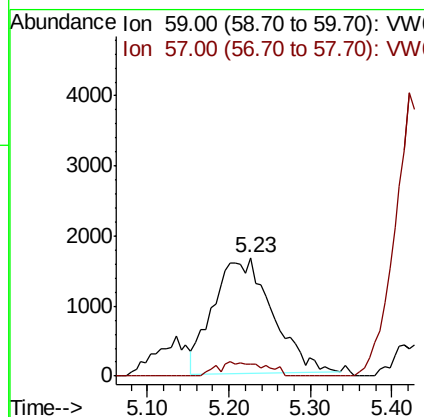
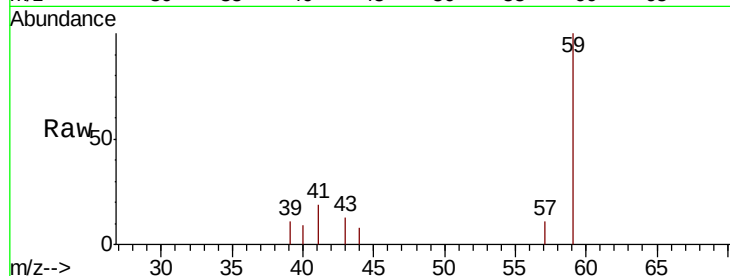


#11

Tert butyl alcohol
 Concen: 131.514 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.03 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

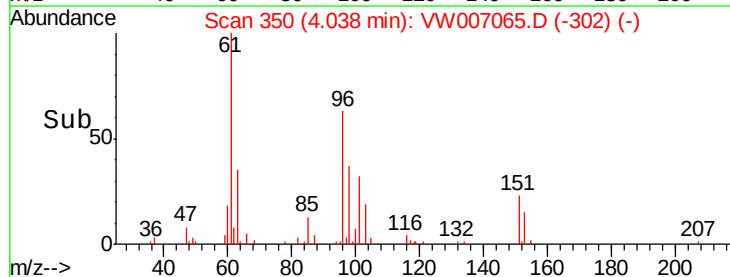
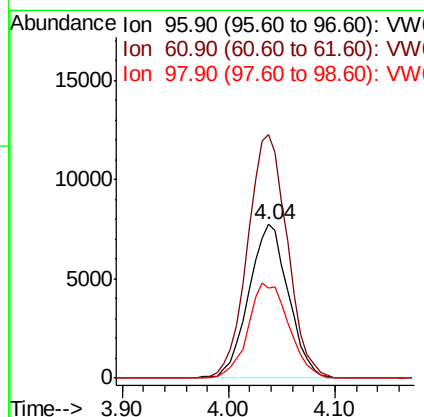
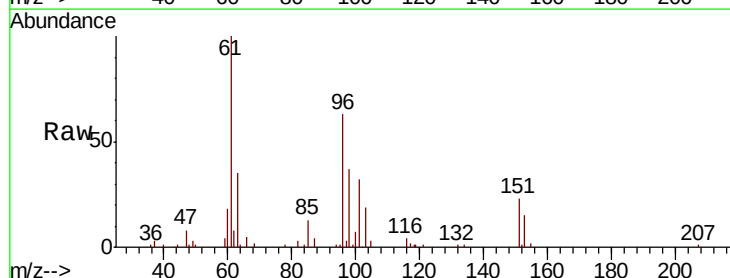
Tot Ion: 59 Resp: 8218
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

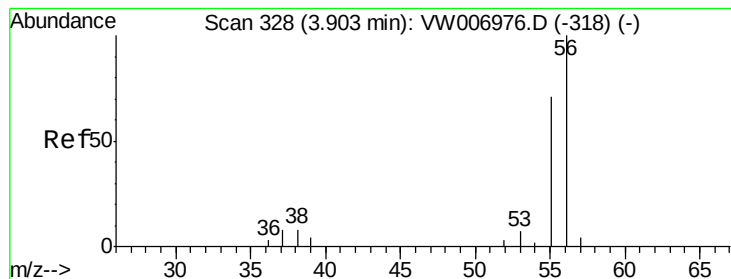


#12

1,1-Dichloroethene
 Concen: 22.780 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion: 96 Resp: 20216
 Ion Ratio Lower Upper
 96 100
 61 158.7 124.3 186.5
 98 58.9 49.4 74.2





#13

Acrolein

Concen: 111.340 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

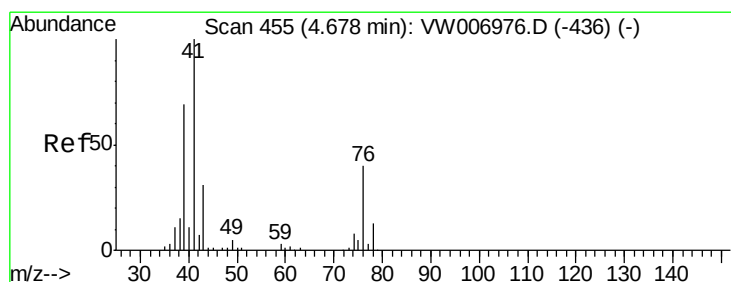
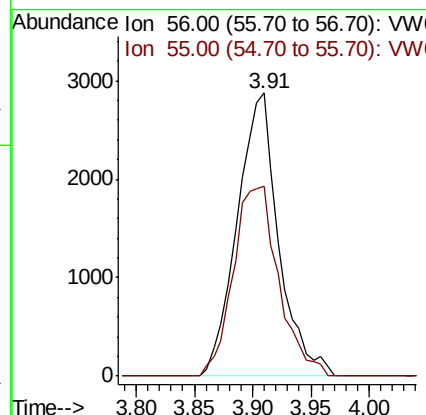
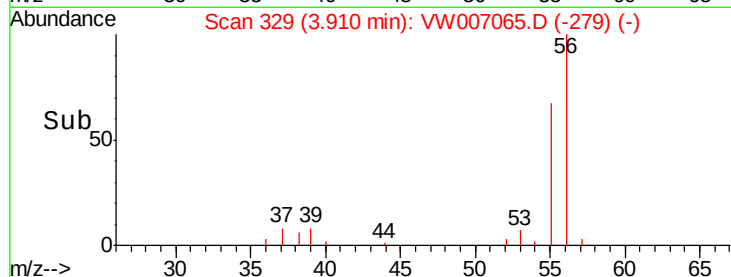
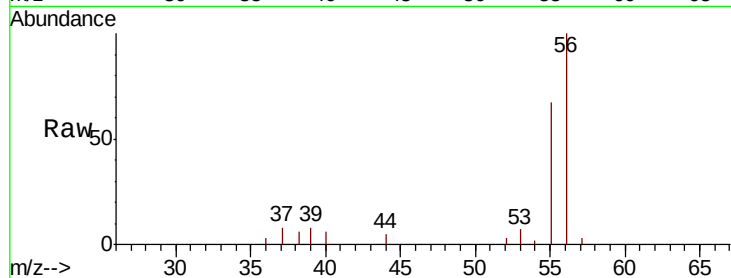
VW1126SBS02

Tot Ion: 56 Resp: 7145

Ion Ratio Lower Upper

56 100

55 73.3 57.5 86.3



#14

Allyl chloride

Concen: 22.787 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

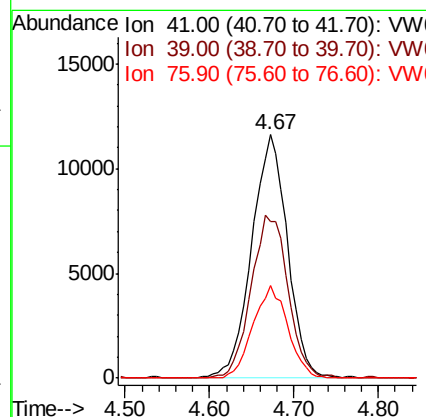
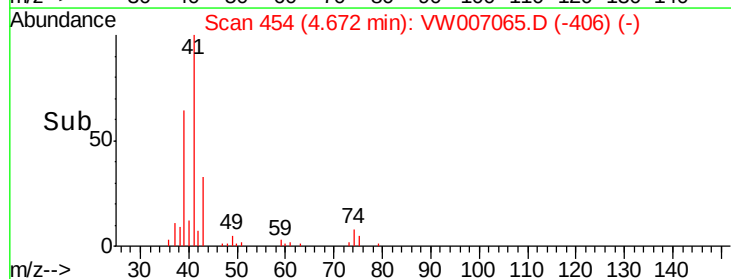
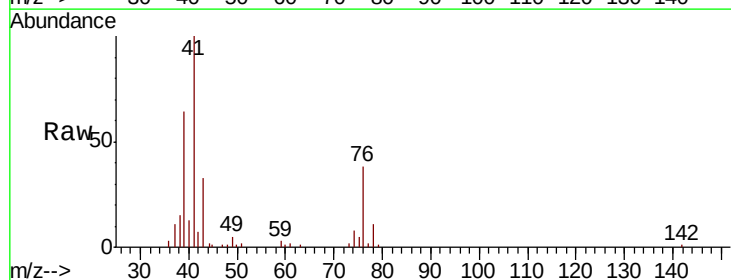
Tgt Ion: 41 Resp: 33542

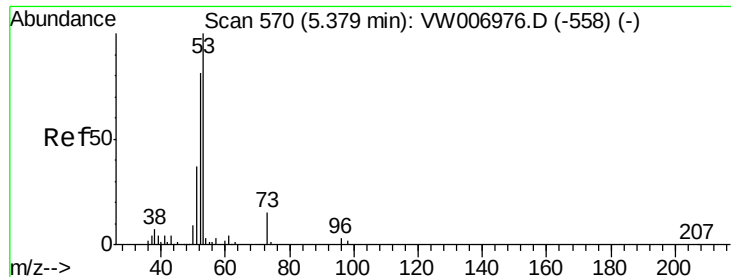
Ion Ratio Lower Upper

41 100

39 69.2 55.4 83.2

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 126.499 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

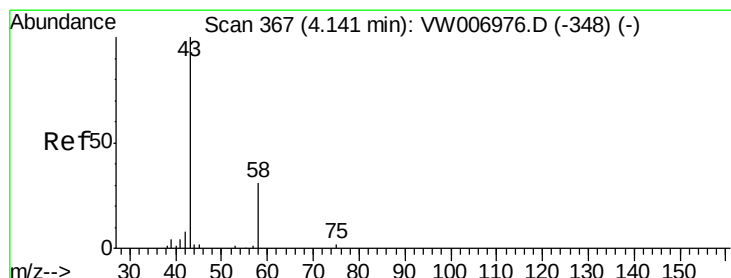
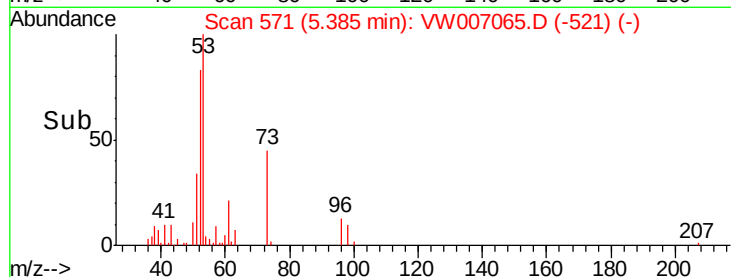
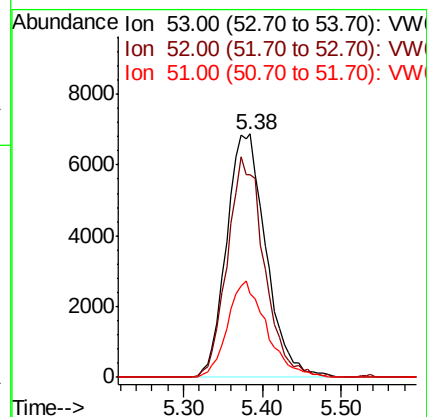
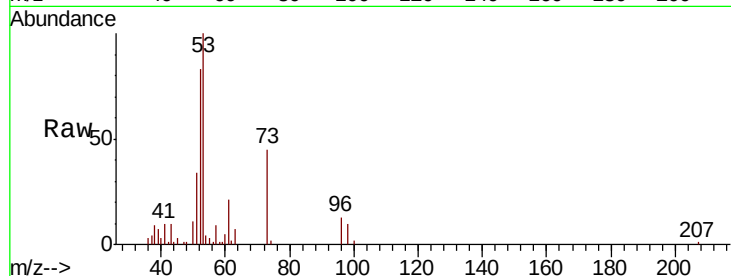
Tot Ion: 53 Resp: 23911

Ion Ratio Lower Upper

53 100

52 84.6 65.7 98.5

51 39.0 29.9 44.9



#16

Acetone

Concen: 135.120 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007065.D

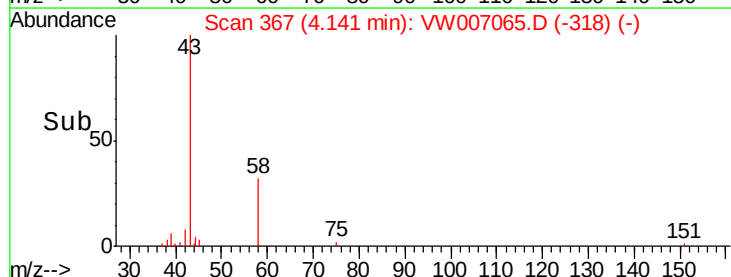
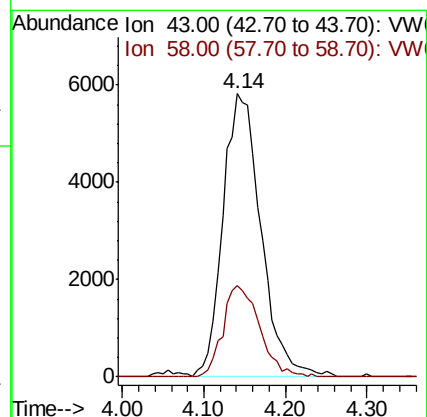
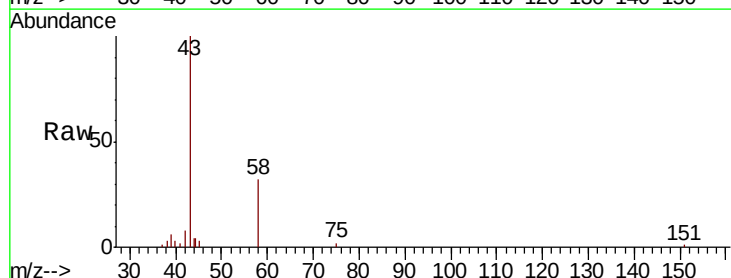
Acq: 27 Nov 2018 00:54

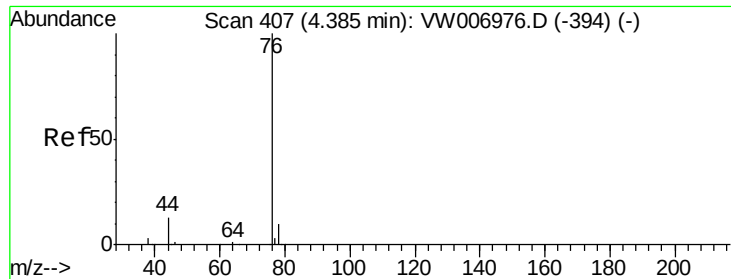
Tgt Ion: 43 Resp: 18831

Ion Ratio Lower Upper

43 100

58 32.1 24.8 37.2





#17

Carbon Disulfide

Concen: 23.272 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

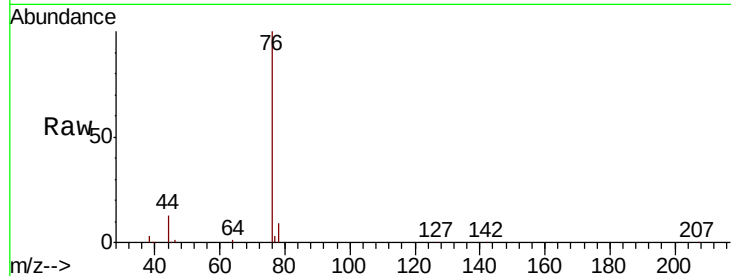
VW1126SBS02

Tot Ion: 76 Resp: 66770

Ion Ratio Lower Upper

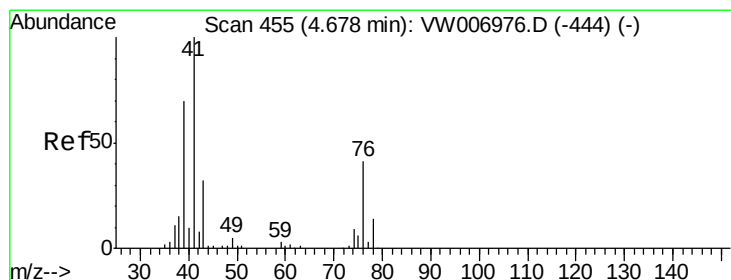
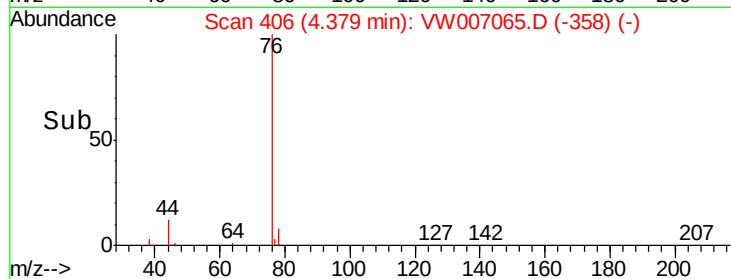
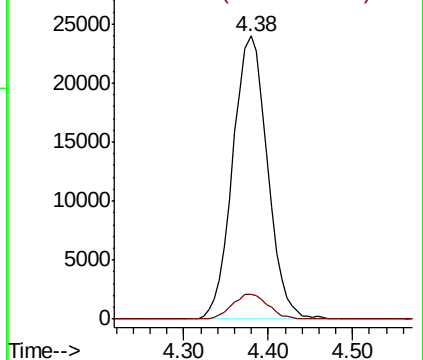
76 100

78 8.6 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 25.712 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007065.D

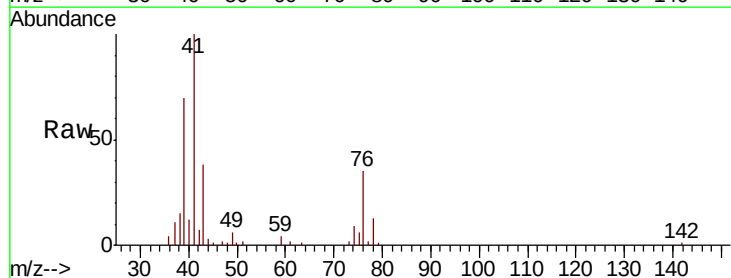
Acq: 27 Nov 2018 00:54

Tgt Ion: 43 Resp: 12761

Ion Ratio Lower Upper

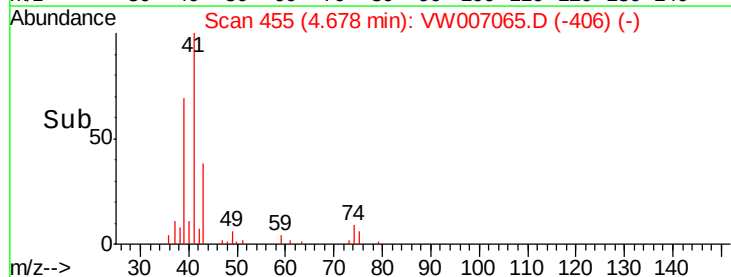
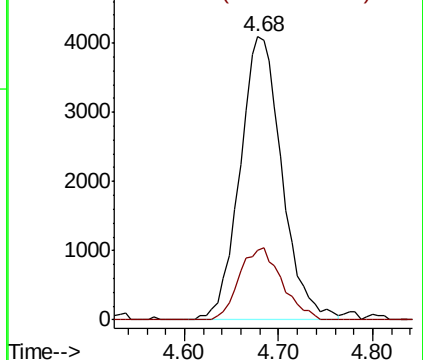
43 100

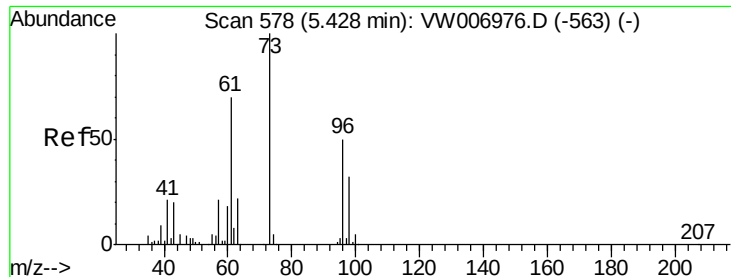
74 25.7 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

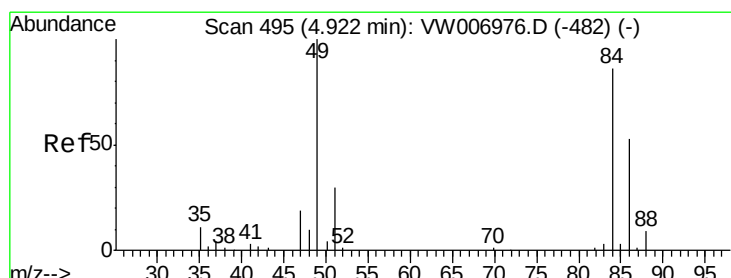
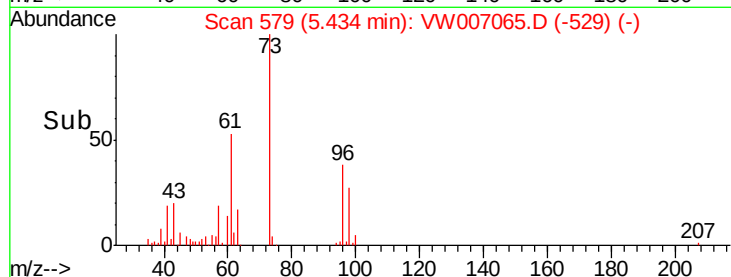
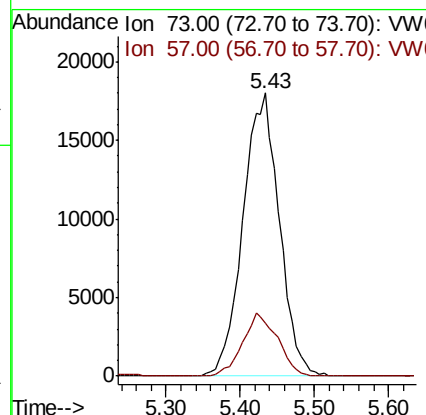
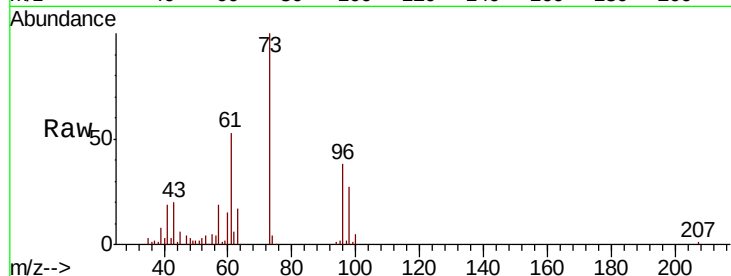




#19
Methyl tert-butyl Ether
Concen: 26.521 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

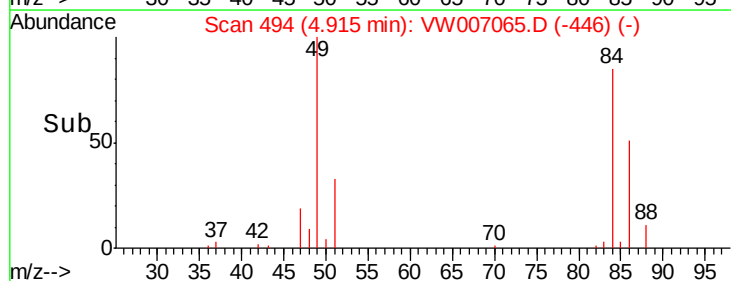
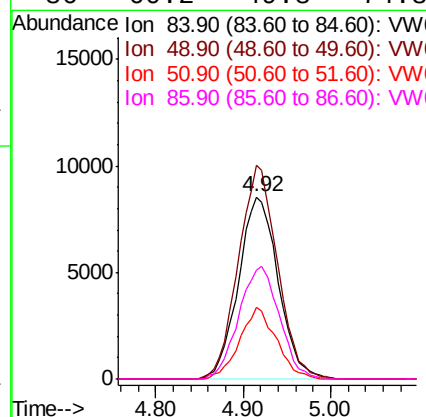
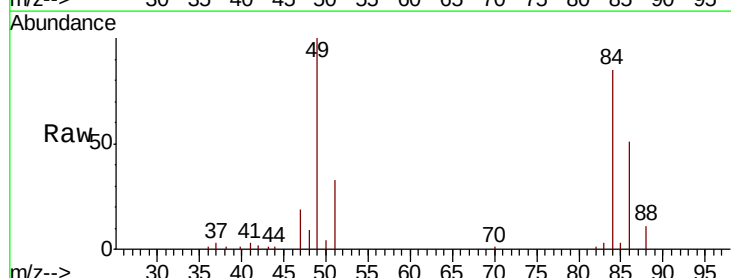
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

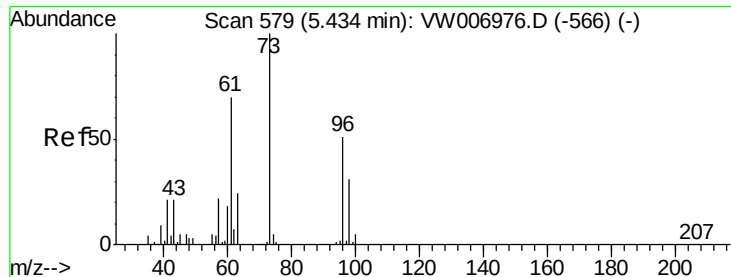
Tot Ion: 73 Resp: 61456
Ion Ratio Lower Upper
73 100
57 18.8 16.7 25.1



#20
Methylene Chloride
Concen: 21.252 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion: 84 Resp: 27052
Ion Ratio Lower Upper
84 100
49 117.5 93.4 140.0
51 39.1 28.4 42.6
86 60.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 23.185 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

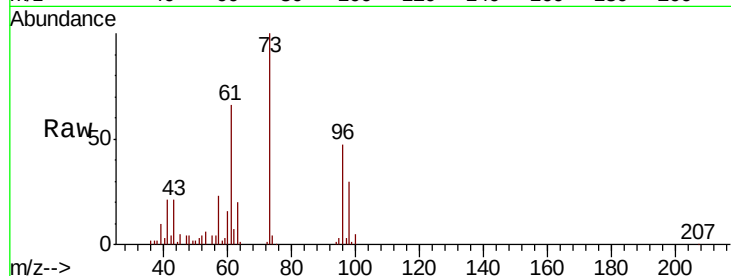
Tot Ion: 96 Resp: 23968

Ion Ratio Lower Upper

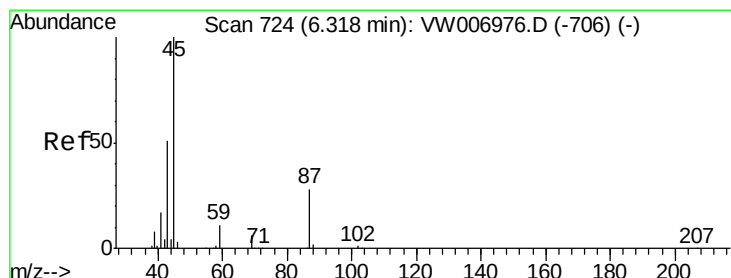
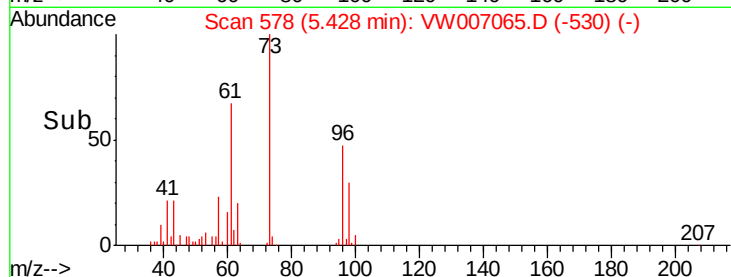
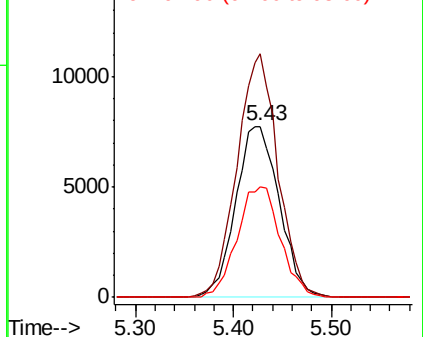
96 100

61 142.1 109.4 164.0

98 64.8 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: 24.556 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Tgt Ion: 45 Resp: 70352

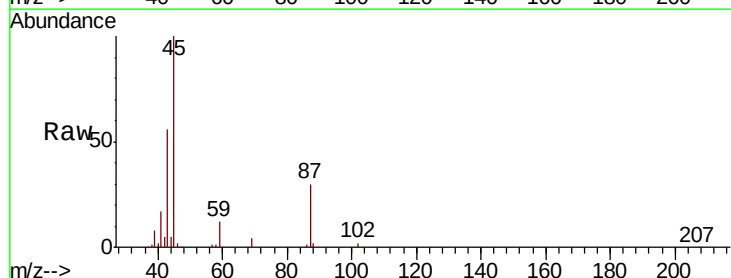
Ion Ratio Lower Upper

45 100

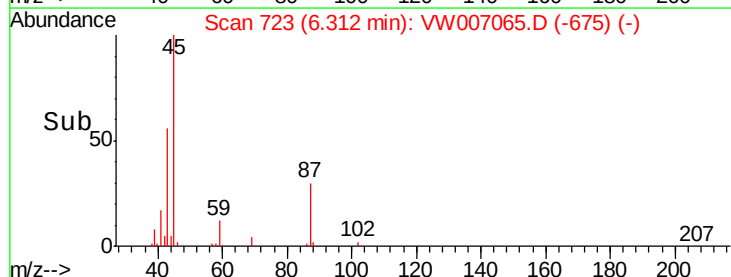
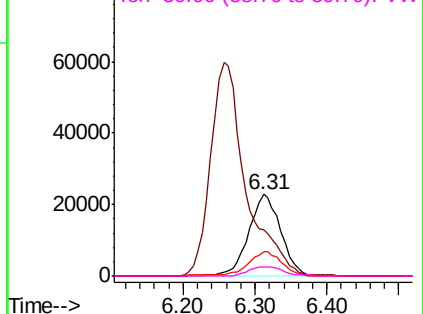
43 55.6 42.5 63.7

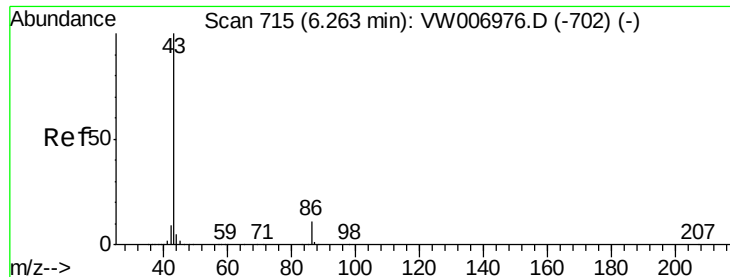
87 29.7 22.8 34.2

59 11.5 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

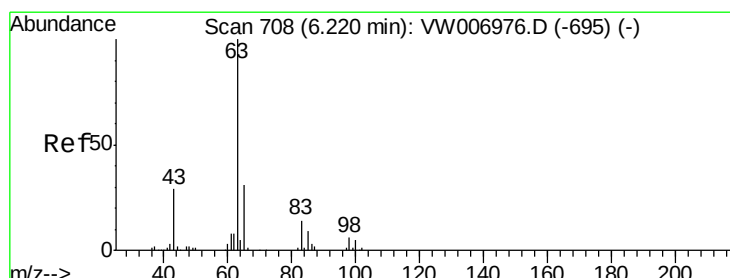
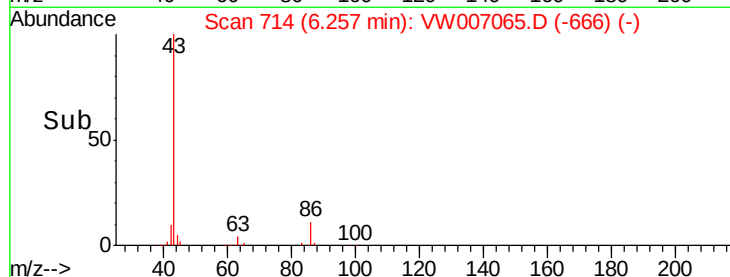
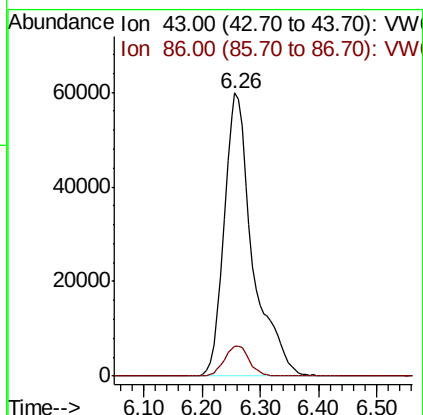
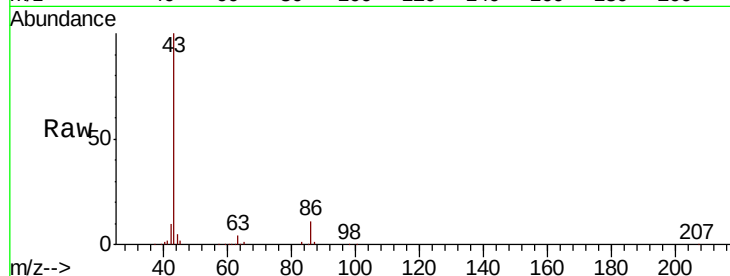




#23
 Vinyl Acetate
 Concen: 133.367 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

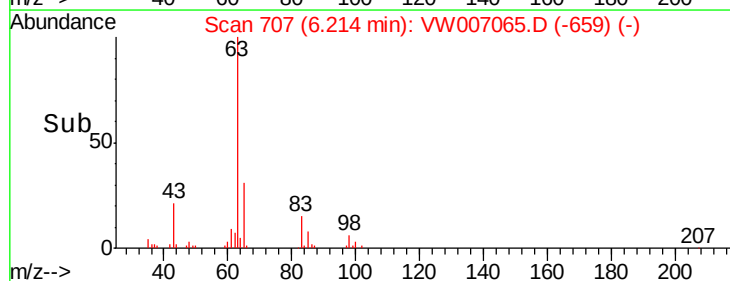
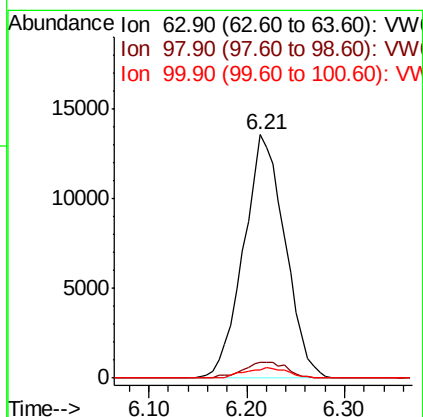
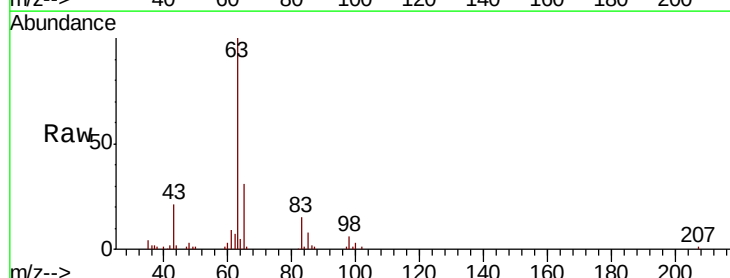
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

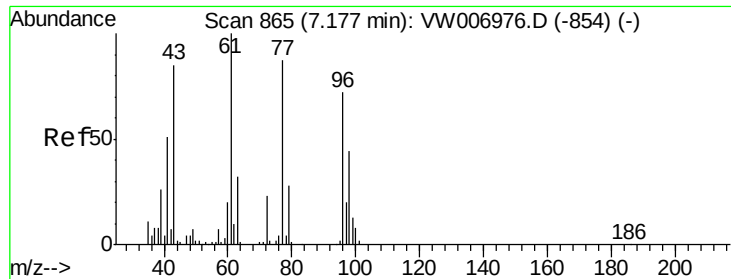
Tot Ion: 43 Resp: 202908
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 22.866 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion: 63 Resp: 39853
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 3.4 2.3 6.9





#25

2-Butanone

Concen: 130.070 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

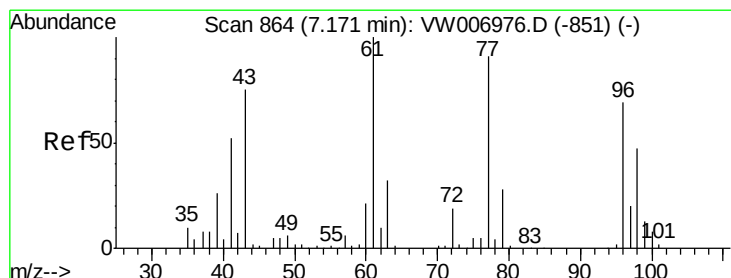
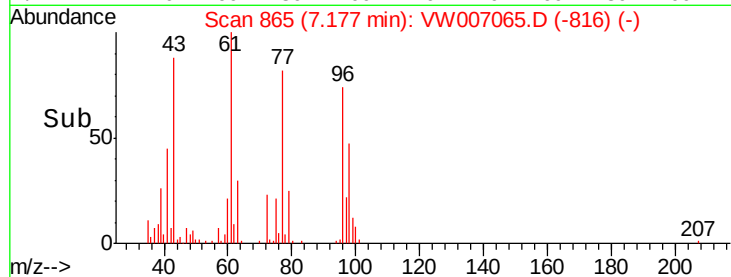
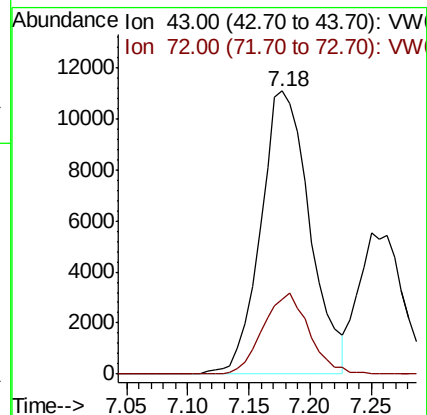
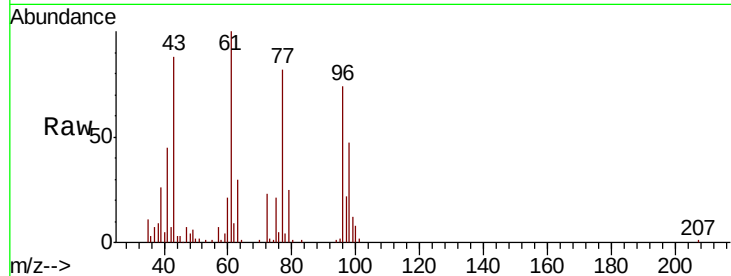
VW1126SBS02

Tot Ion: 43 Resp: 31047

Ion Ratio Lower Upper

43 100

72 26.6 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.633 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007065.D

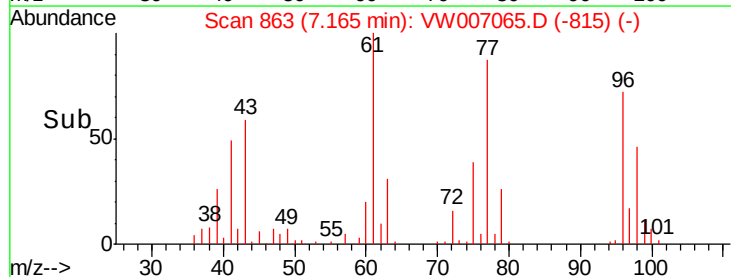
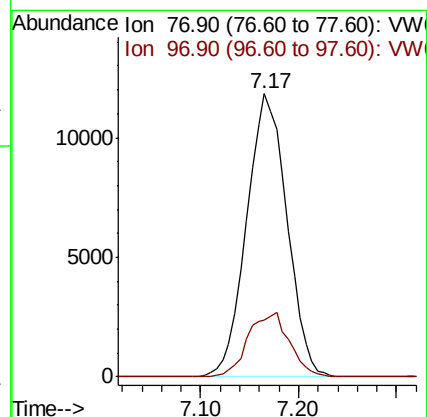
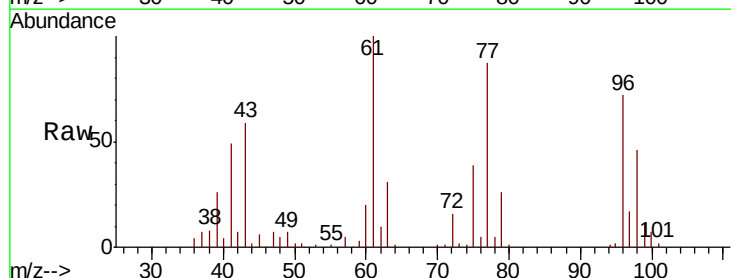
Acq: 27 Nov 2018 00:54

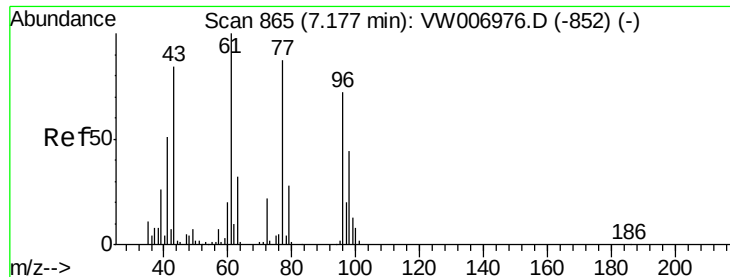
Tgt Ion: 77 Resp: 33906

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1



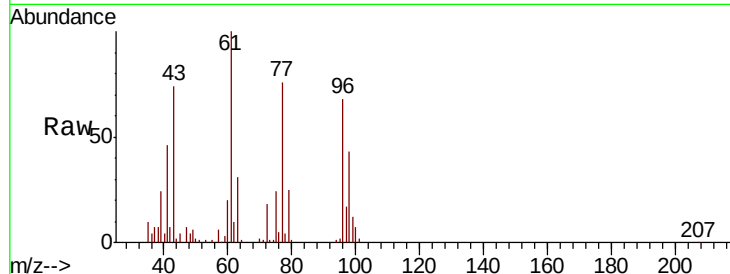


#27

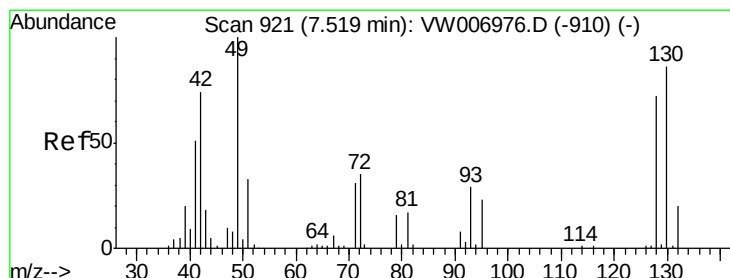
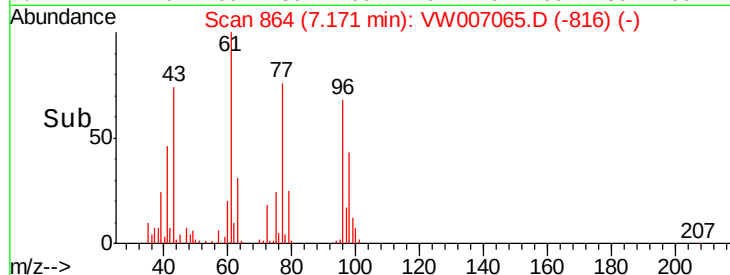
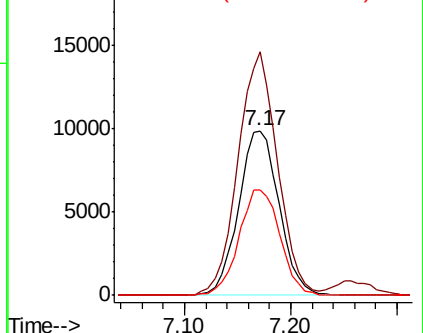
cis-1,2-Dichloroethene
Concen: 23.995 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

Tot Ion: 96 Resp: 26416
Ion Ratio Lower Upper
96 100
61 144.0 0.0 292.6
98 64.2 0.0 129.8



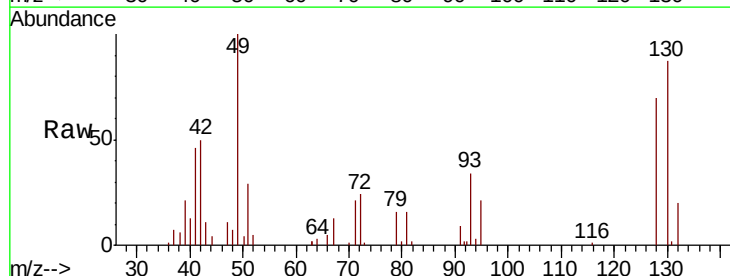
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



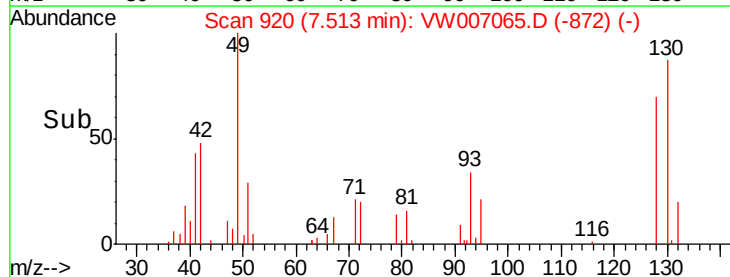
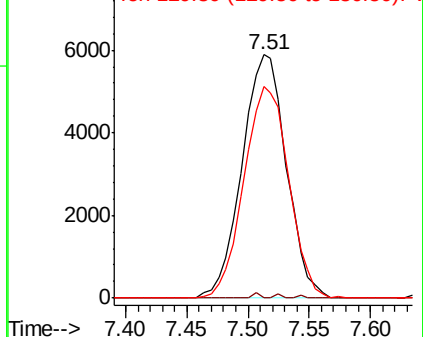
#28

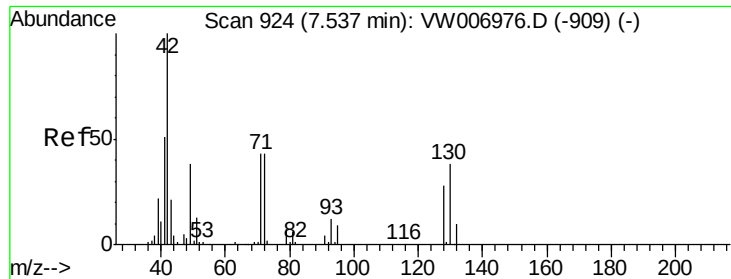
Bromochloromethane
Concen: 22.804 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion: 49 Resp: 14855
Ion Ratio Lower Upper
49 100
129 0.3 0.0 2.0
130 87.7 69.0 103.4



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

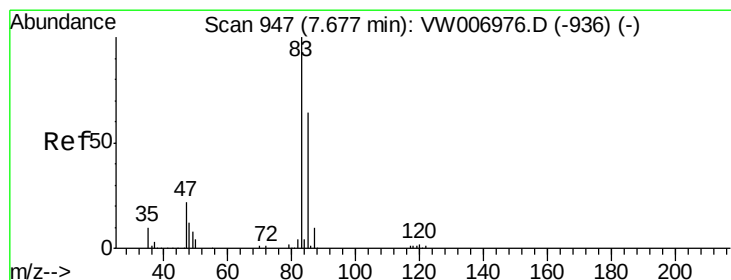
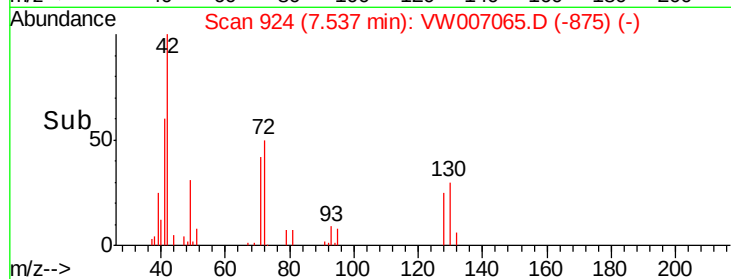
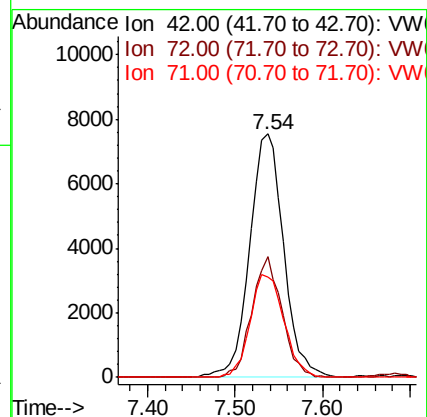
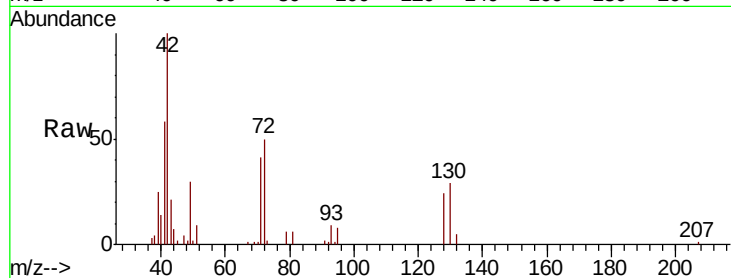




#29
Tetrahydrofuran
Concen: 131.658 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

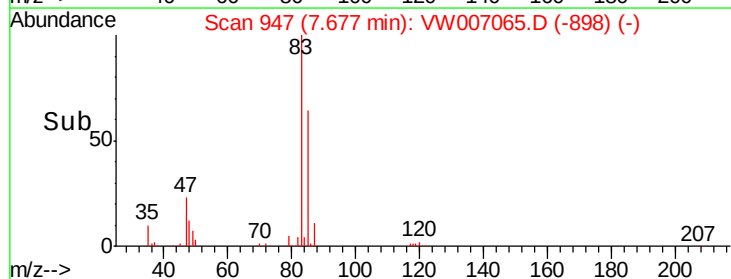
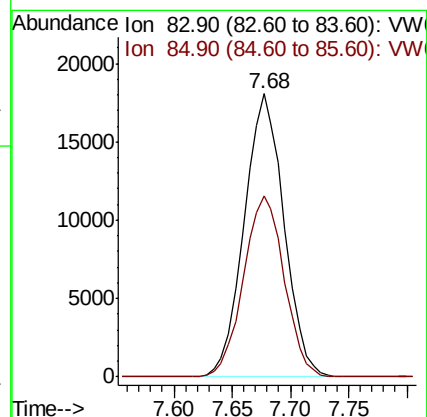
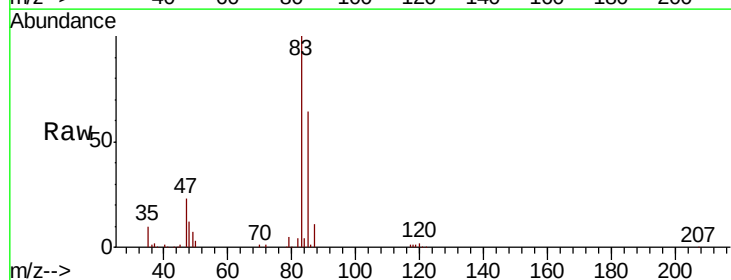
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

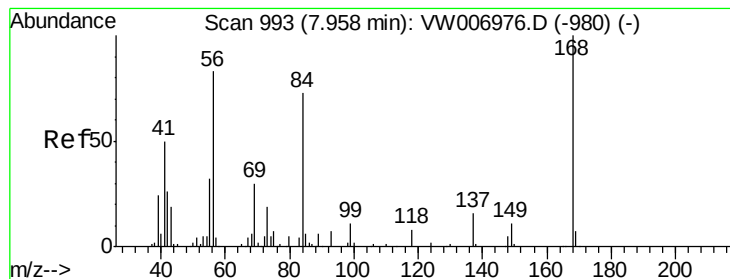
Tot Ion: 42 Resp: 20353
Ion Ratio Lower Upper
42 100
72 44.0 36.2 54.4
71 41.9 33.8 50.8



#30
Chloroform
Concen: 23.148 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion: 83 Resp: 42862
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3





#31

Cyclohexane

Concen: 22.825 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

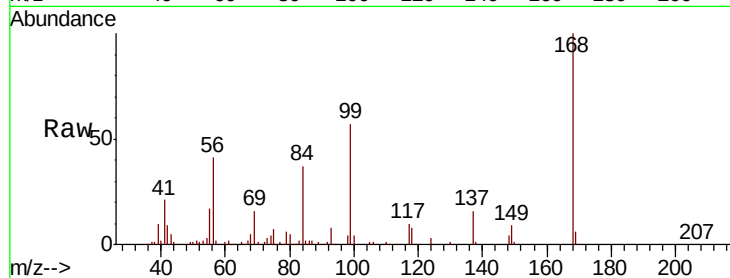
Tot Ion: 56 Resp: 42196

Ion Ratio Lower Upper

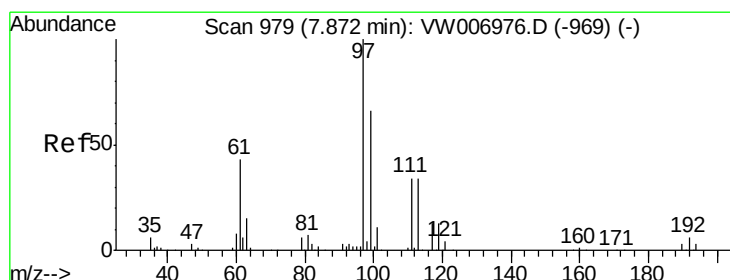
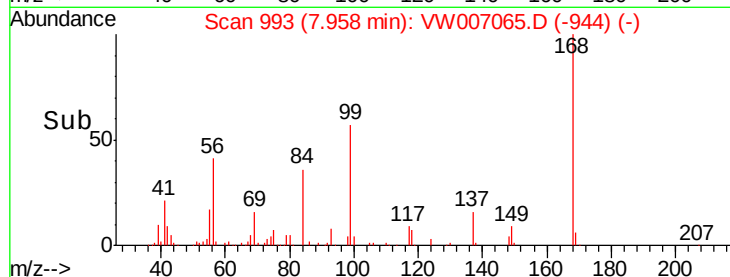
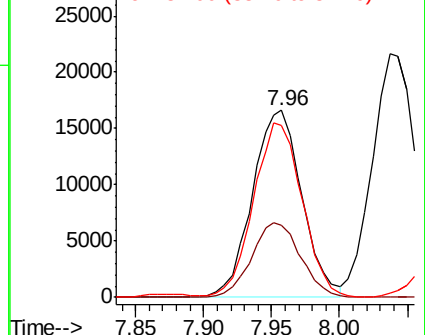
56 100

69 38.5 29.1 43.7

84 91.4 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: 23.783 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

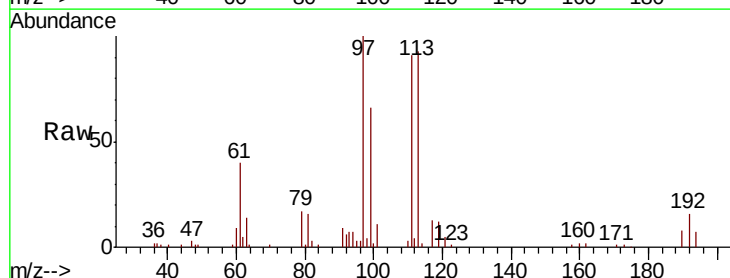
Tgt Ion: 97 Resp: 39666

Ion Ratio Lower Upper

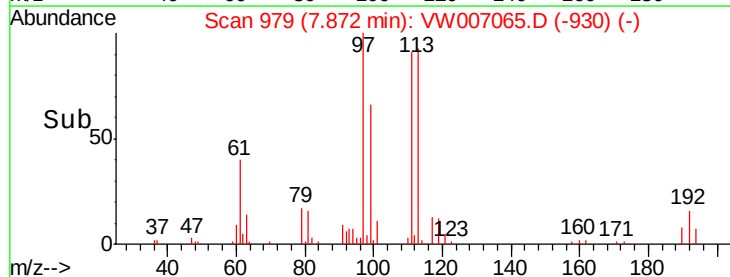
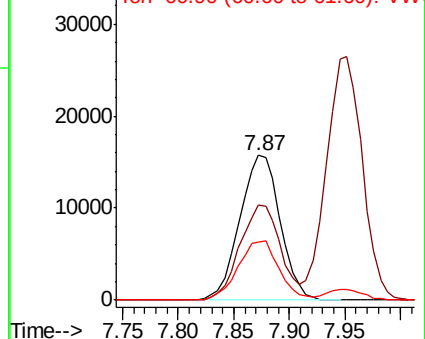
97 100

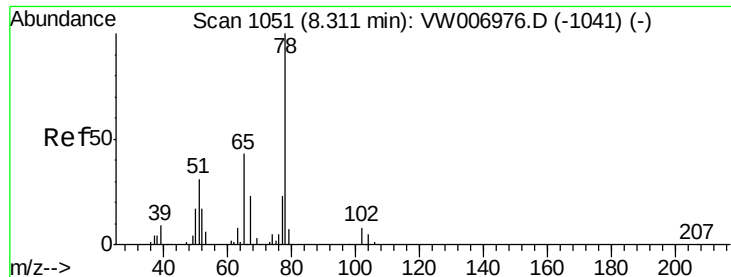
99 66.0 51.9 77.9

61 41.3 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

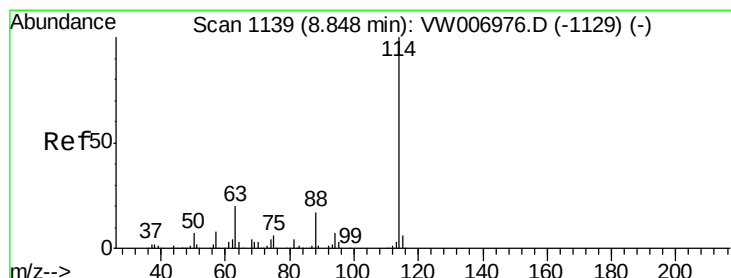
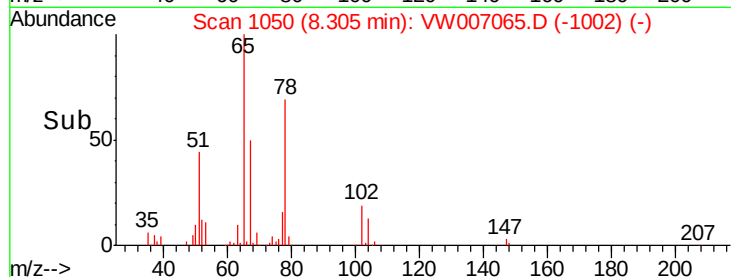
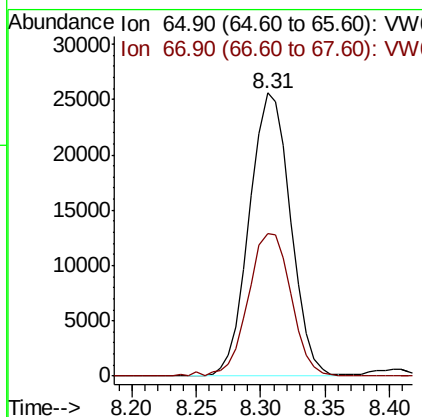
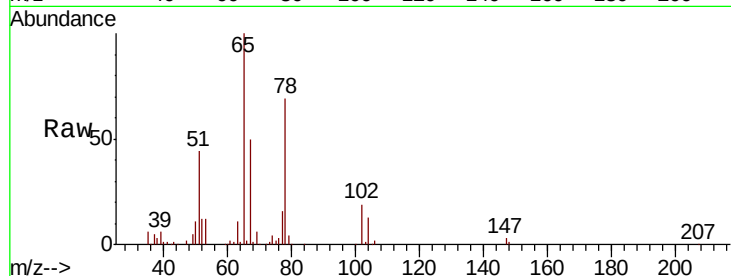




#33
 1,2-Dichloroethane-d4
 Concen: 59.070 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

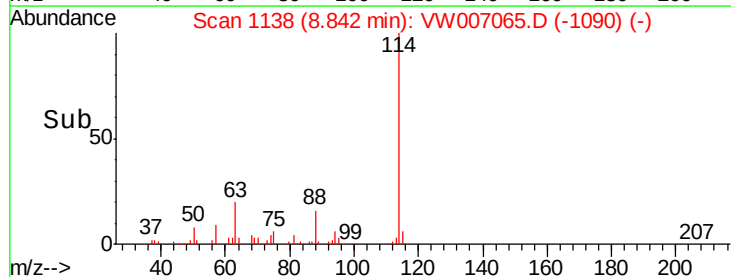
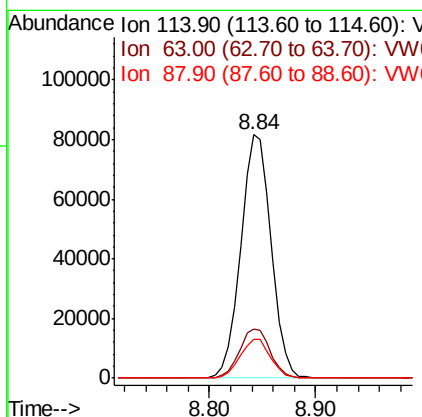
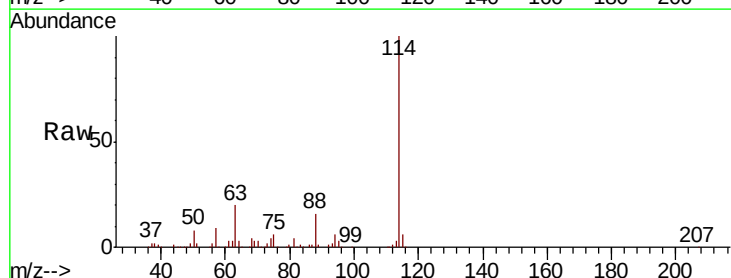
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

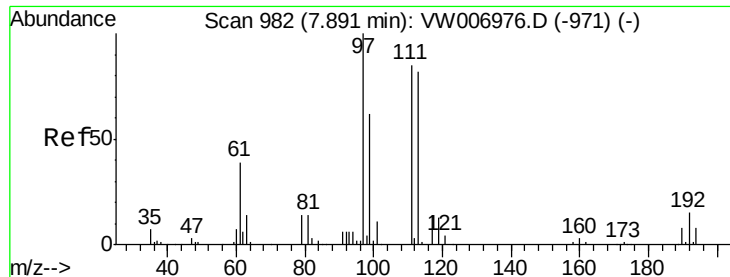
Tot Ion: 65 Resp: 56701
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion: 114 Resp: 163124
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 16.1 0.0 34.2

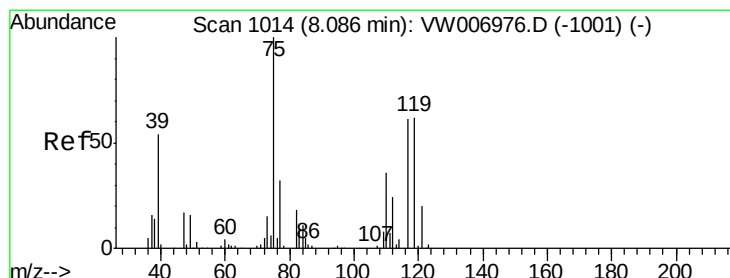
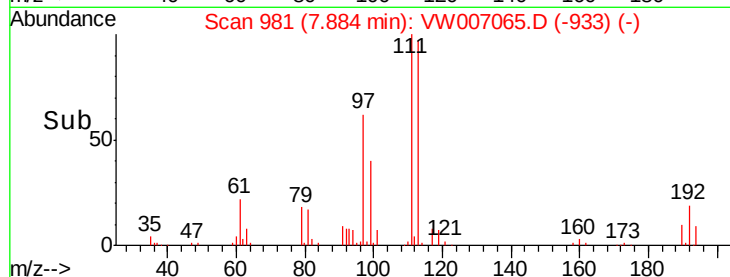
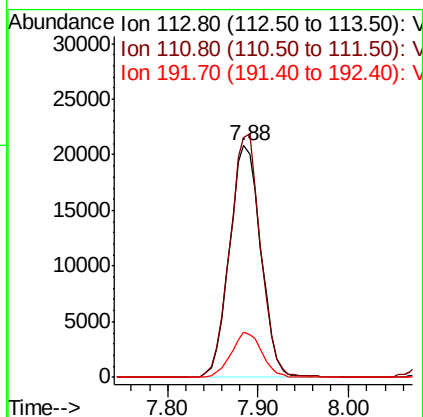
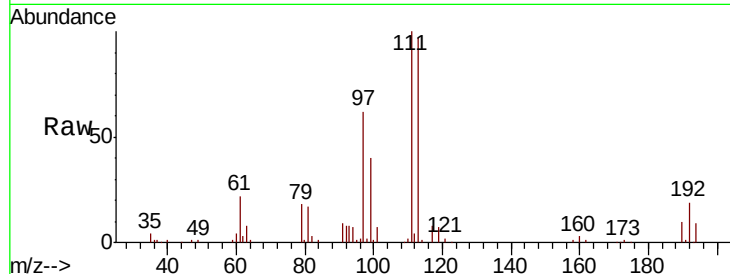




#35
 Dibromofluoromethane
 Concen: 54.318 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

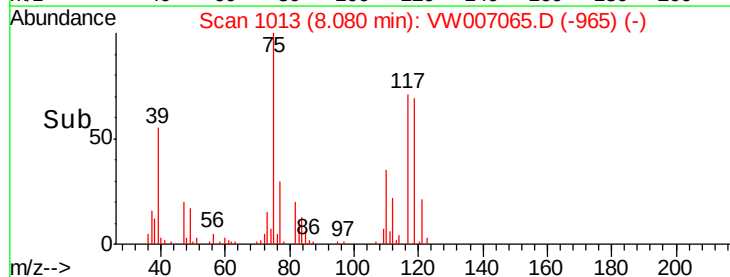
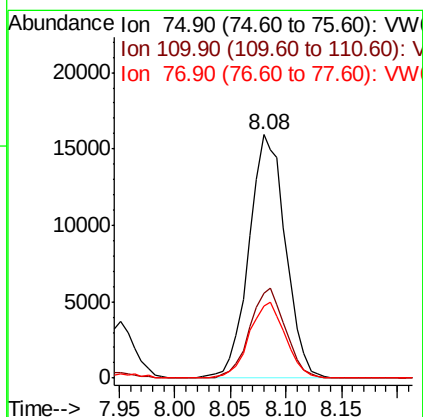
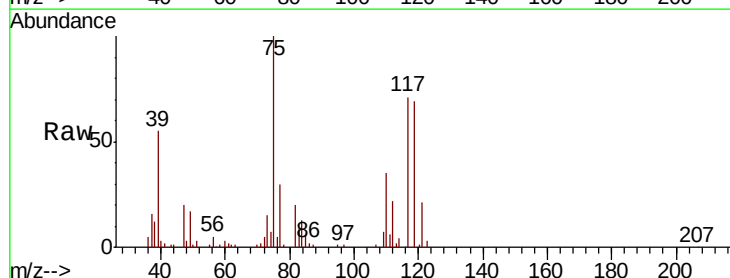
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

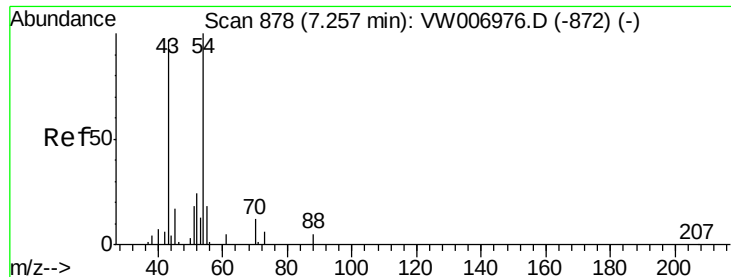
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.6
192	18.7	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 22.908 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.0	54.0
77	30.9	24.9	37.3

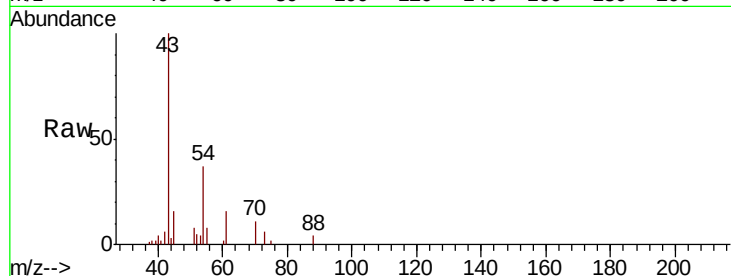




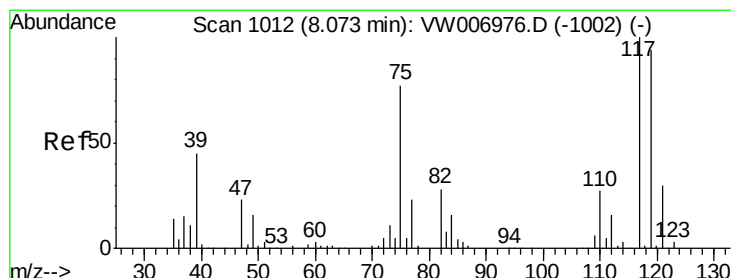
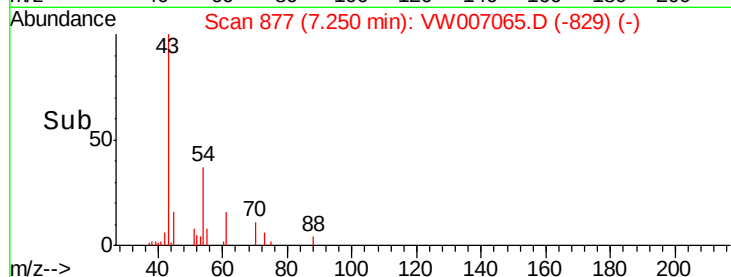
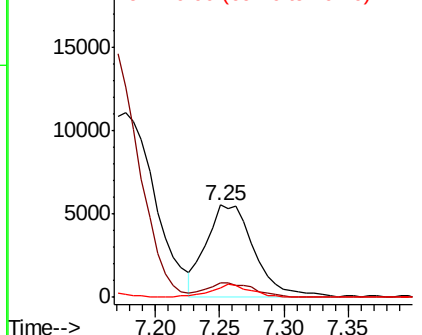
#37
Ethyl Acetate
Concen: 25.278 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

Tot Ion: 43 Resp: 14602
Ion Ratio Lower Upper
43 100
61 15.1 10.4 15.6
70 11.8 8.8 13.2

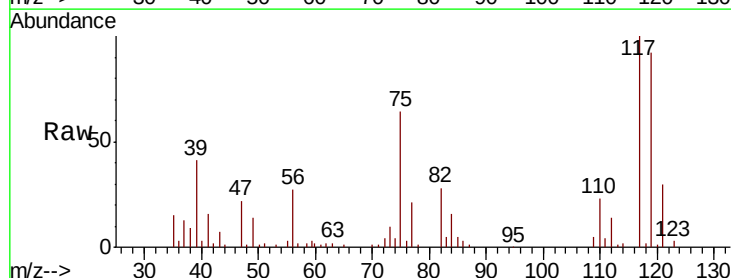


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

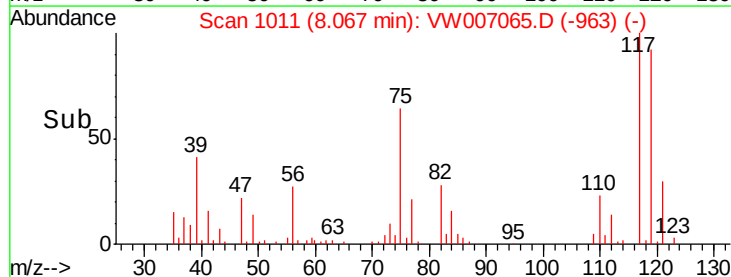
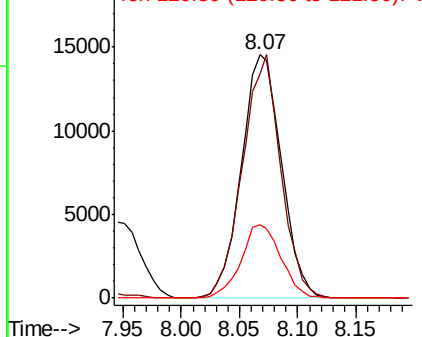


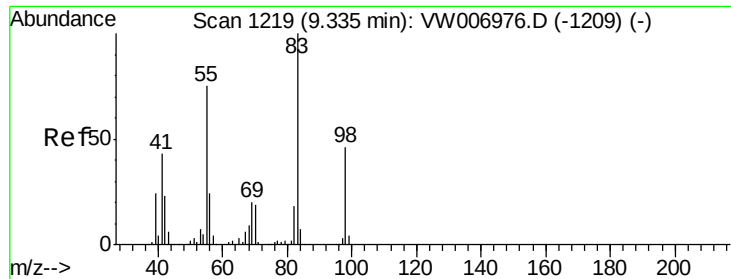
#38
Carbon Tetrachloride
Concen: 22.901 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion: 117 Resp: 34957
Ion Ratio Lower Upper
117 100
119 92.4 74.9 112.3
121 30.2 23.6 35.4



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

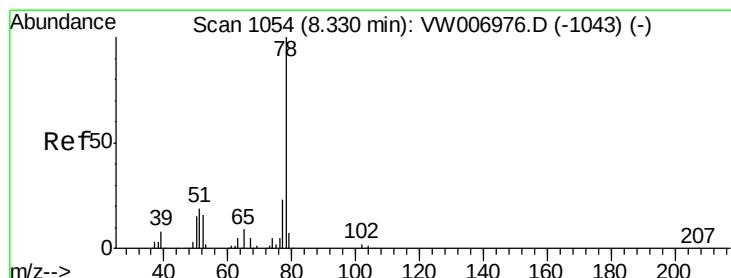
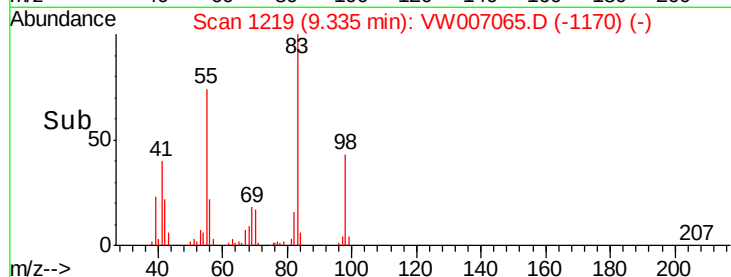
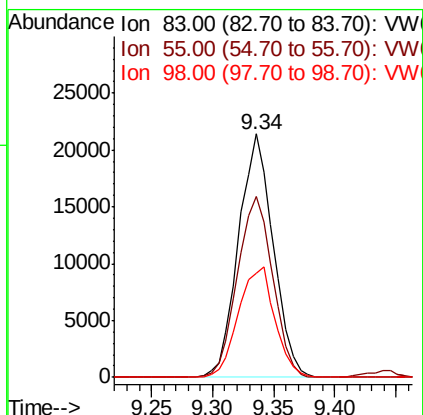
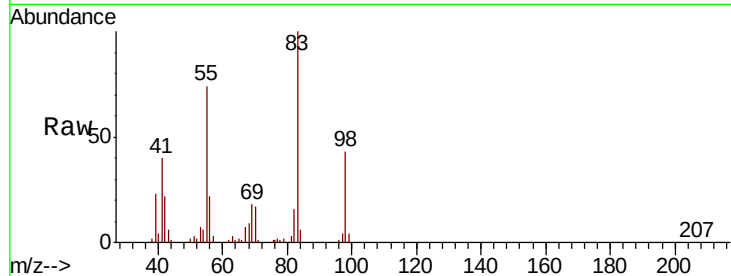




#39
Methylvlcyclohexane
Concen: 21.106 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

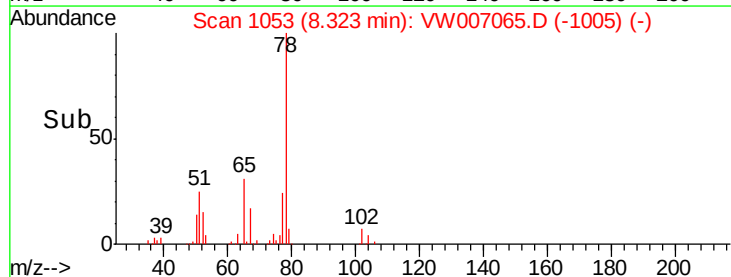
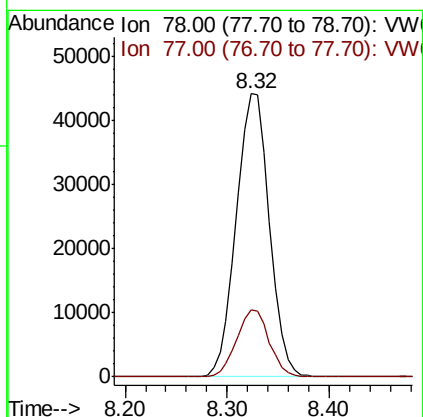
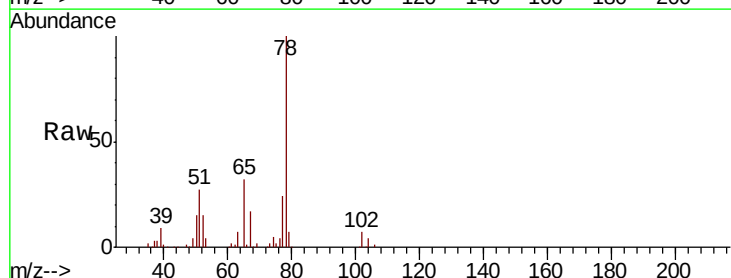
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

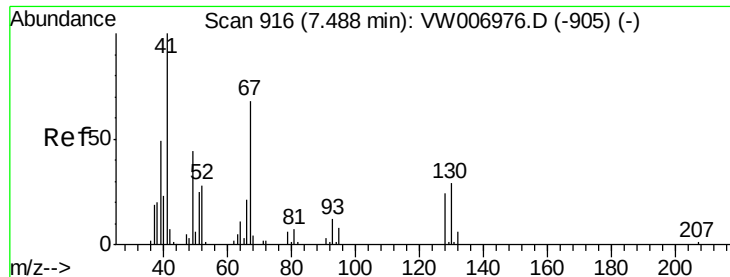
Tot Ion: 83 Resp: 42102
Ion Ratio Lower Upper
83 100
55 74.3 59.6 89.4
98 42.7 37.1 55.7



#40
Benzene
Concen: 23.106 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion: 78 Resp: 99423
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0

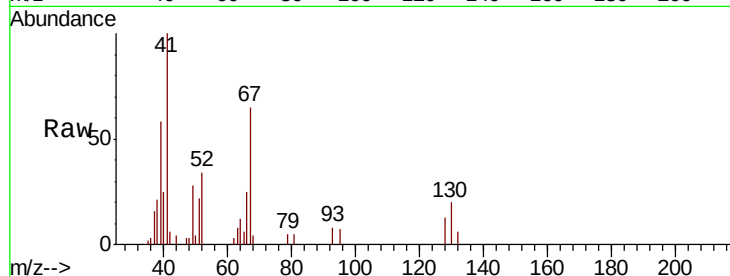




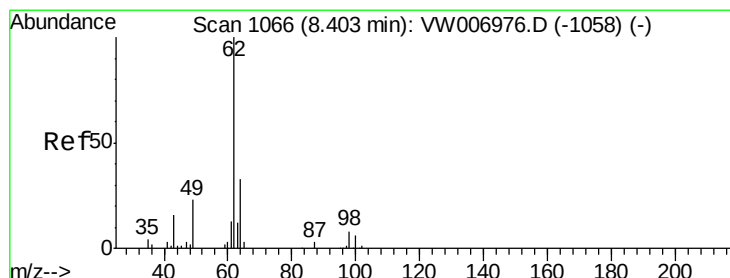
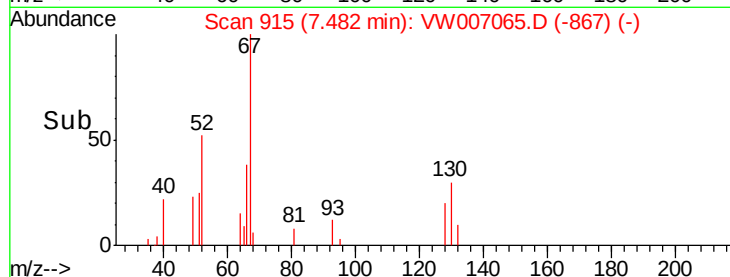
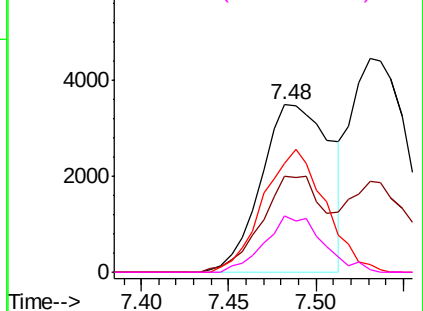
#41
Methacrylonitrile
Concen: 27.009 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

Tot Ion:	41	Resp:	9689
Ion	Ratio	Lower	Upper
41	100		
39	49.1	48.6	73.0
67	65.6	59.8	89.8
52	28.2	24.8	37.2

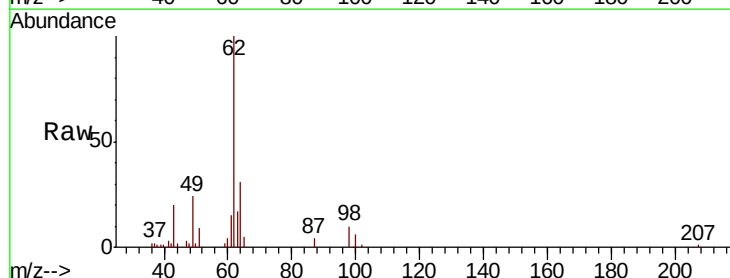


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

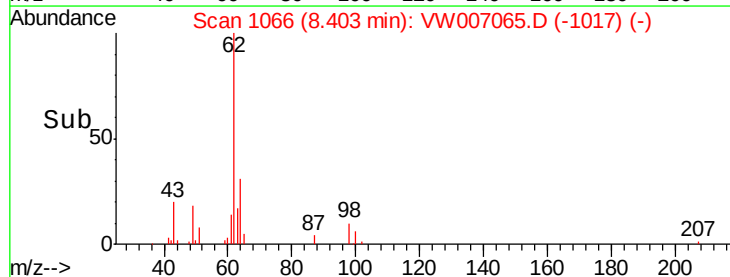
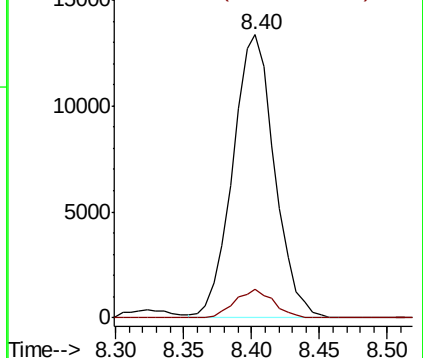


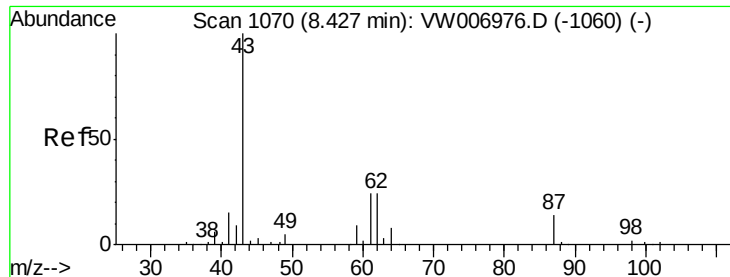
#42
1,2-Dichloroethane
Concen: 22.949 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion:	62	Resp:	28669
Ion	Ratio	Lower	Upper
62	100		
98	9.2	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: 25.592 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

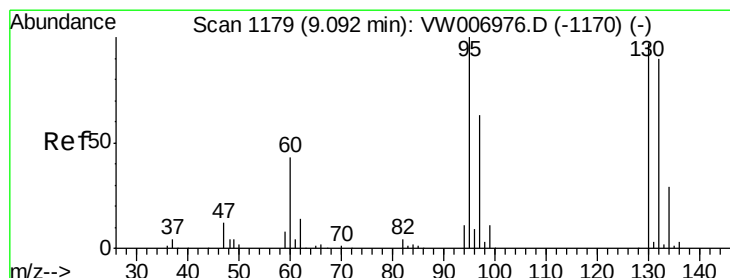
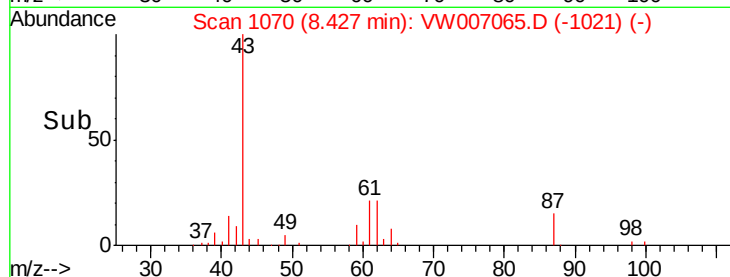
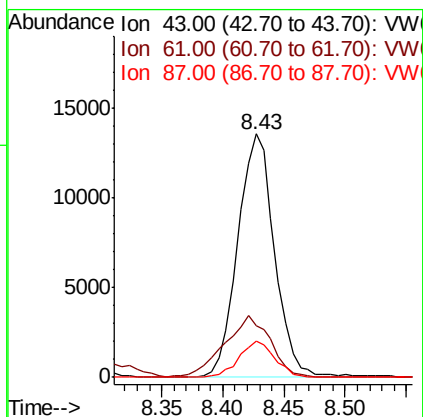
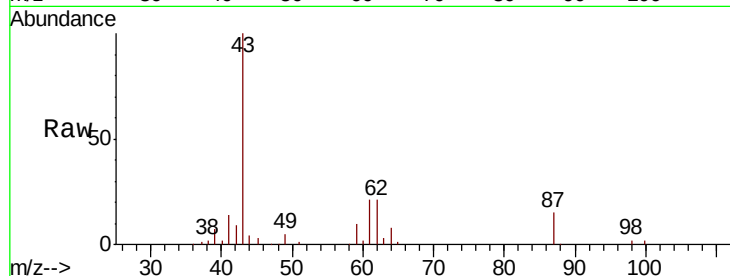
Tot Ion: 43 Resp: 28172

Ion Ratio Lower Upper

43 100

61 31.8 26.1 39.1

87 14.5 11.2 16.8



#44

Trichloroethene

Concen: 24.117 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007065.D

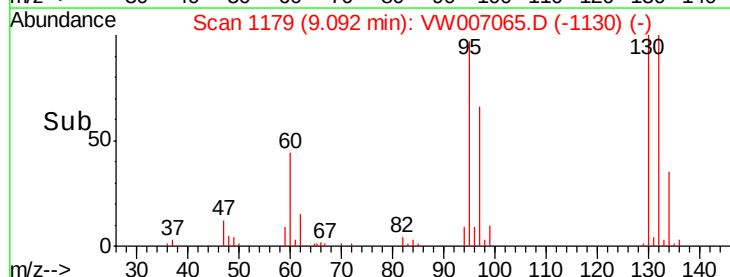
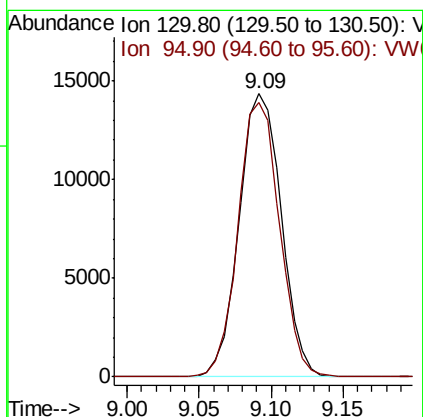
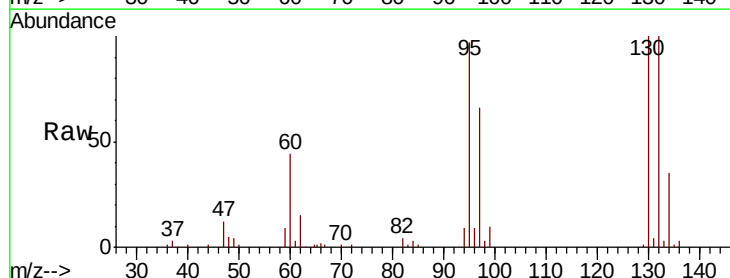
Acq: 27 Nov 2018 00:54

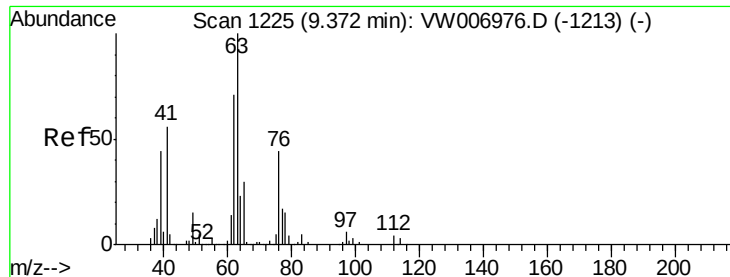
Tgt Ion:130 Resp: 29091

Ion Ratio Lower Upper

130 100

95 97.0 0.0 206.4





#45

1,2-Dichloropropane

Concen: 23.546 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

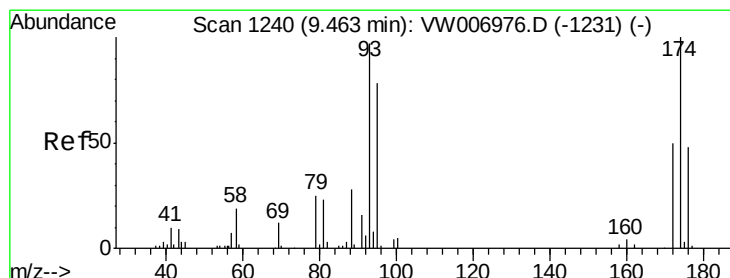
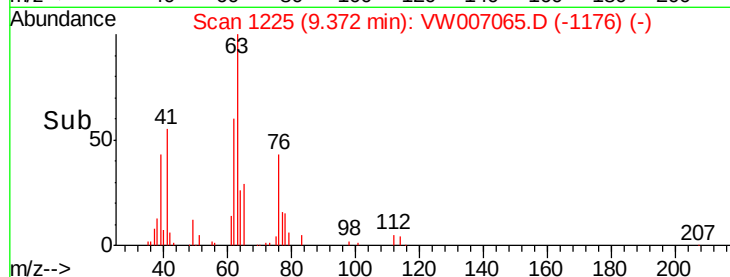
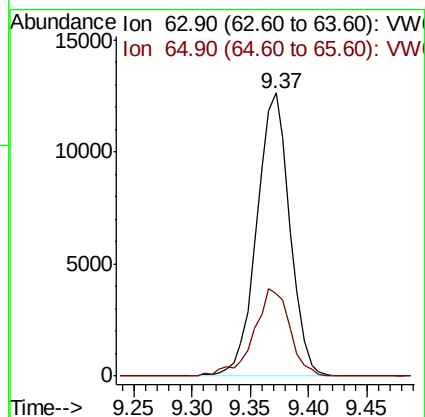
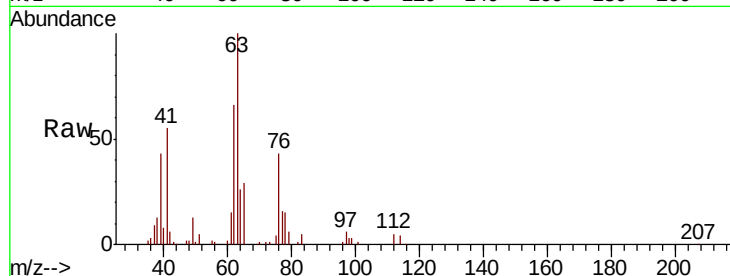
VW1126SBS02

Tot Ion: 63 Resp: 24975

Ion Ratio Lower Upper

63 100

65 29.3 24.4 36.6



#46

Dibromomethane

Concen: 24.229 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

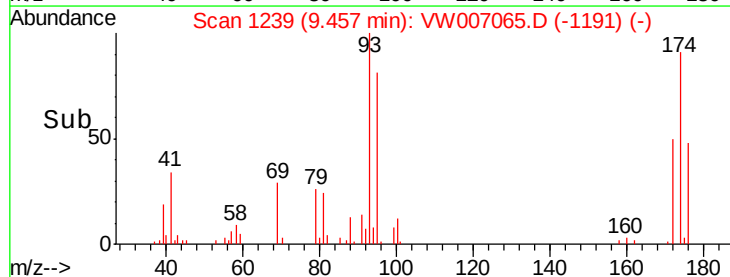
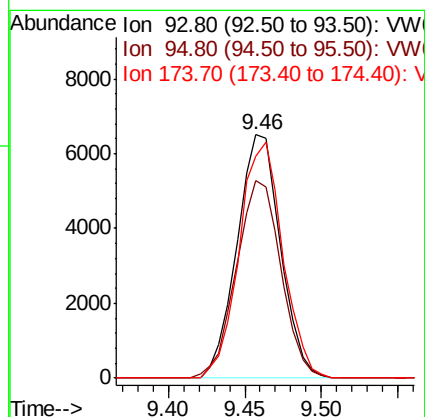
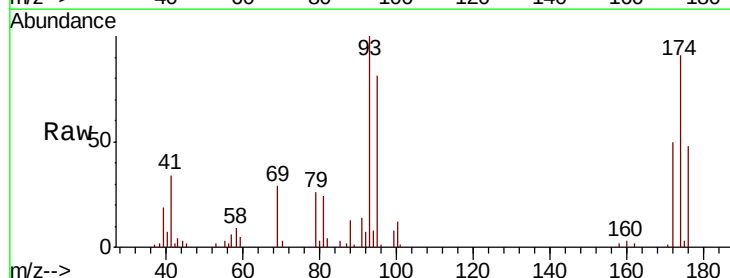
Tgt Ion: 93 Resp: 12870

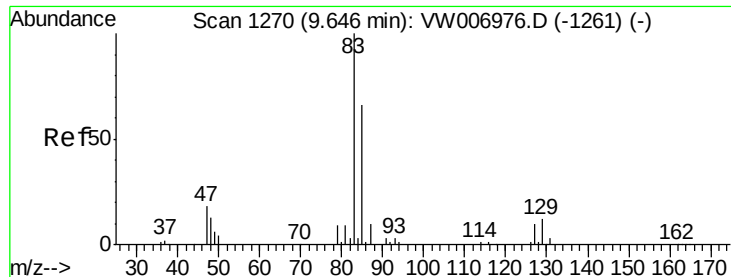
Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 96.8 79.7 119.5





#47

Bromodichloromethane

Concen: 23.981 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

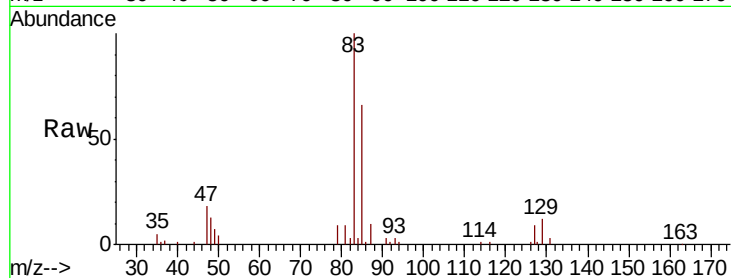
Tot Ion: 83 Resp: 33561

Ion Ratio Lower Upper

83 100

85 65.7 52.9 79.3

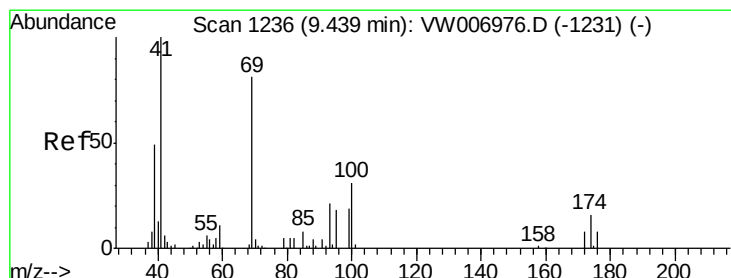
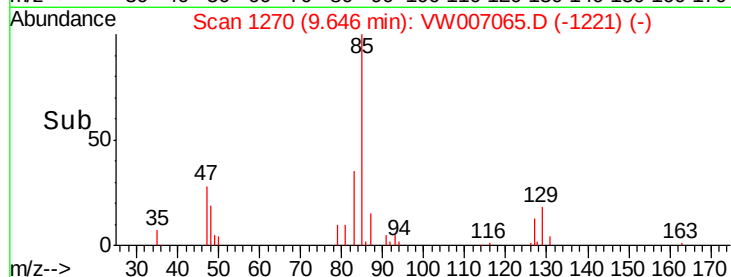
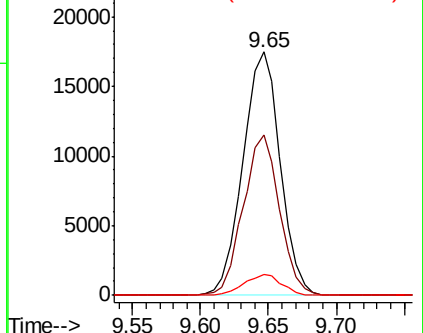
127 8.7 7.8 11.6



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): V



#48

Methyl methacrylate

Concen: 24.313 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

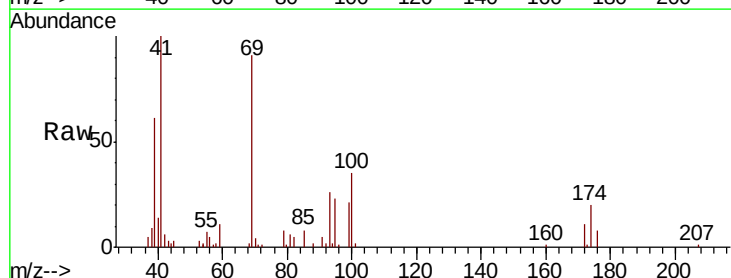
Tgt Ion: 41 Resp: 12905

Ion Ratio Lower Upper

41 100

69 93.8 71.4 107.0

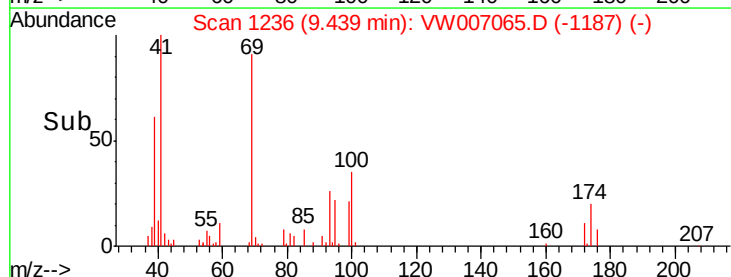
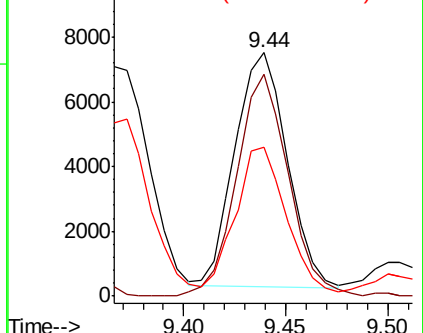
39 58.8 44.8 67.2

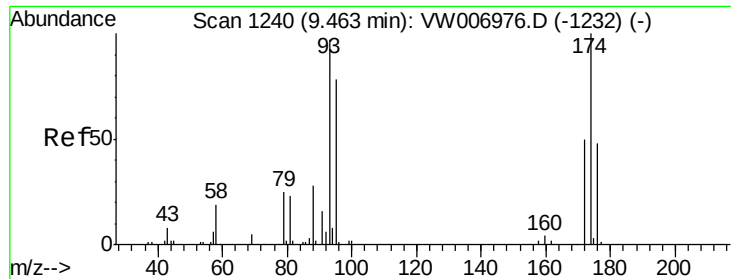


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

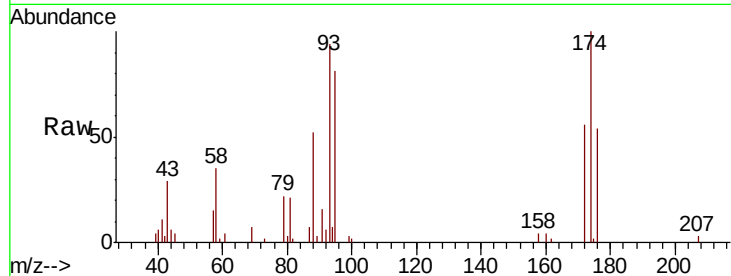




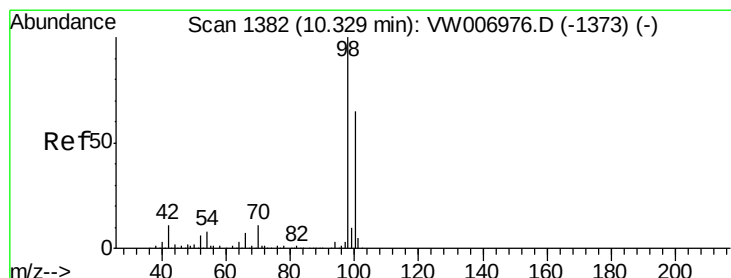
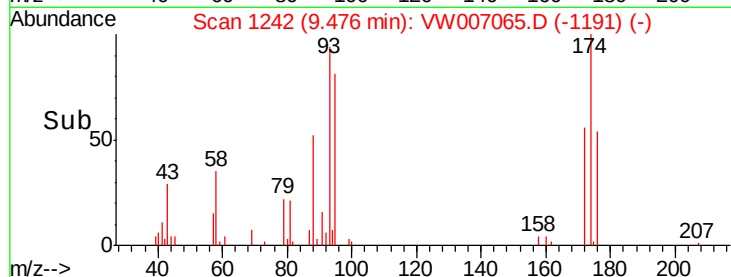
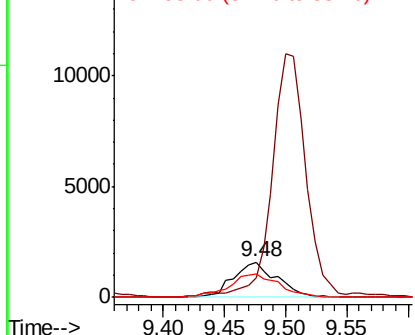
#49
1,4-Dioxane
Concen: 489.804 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

Tot Ion: 88 Resp: 3867
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.1 59.0 88.6

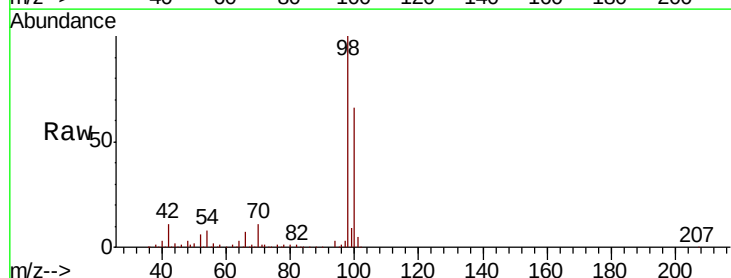


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

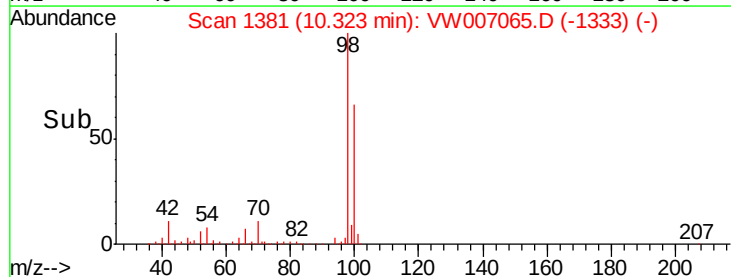
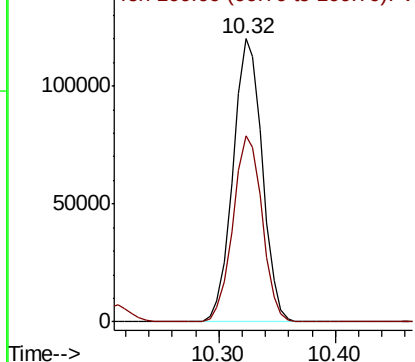


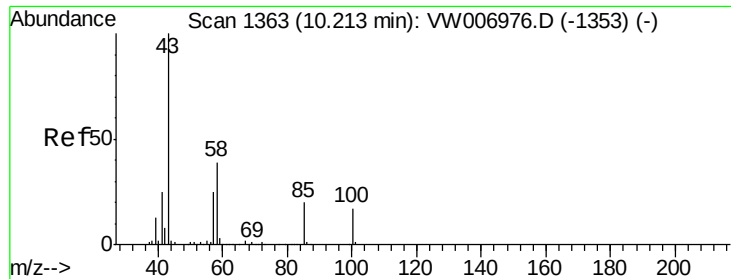
#50
Toluene-d8
Concen: 51.628 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion: 98 Resp: 210017
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2



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

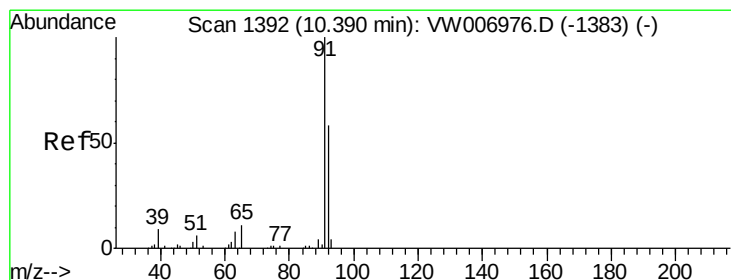
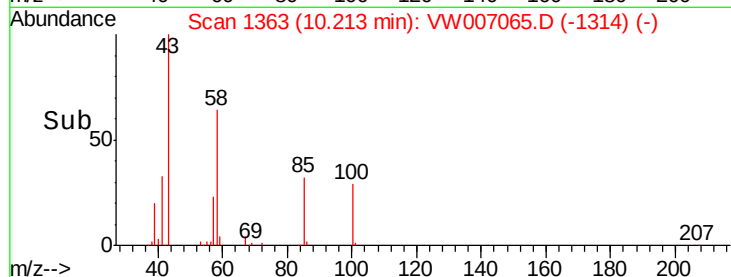
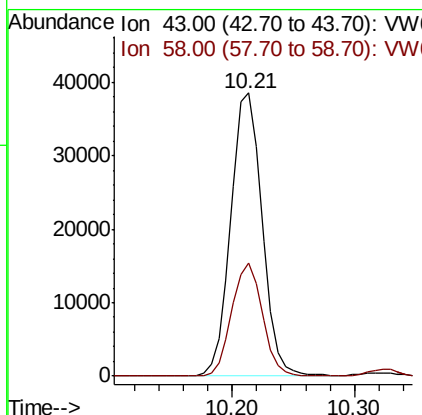
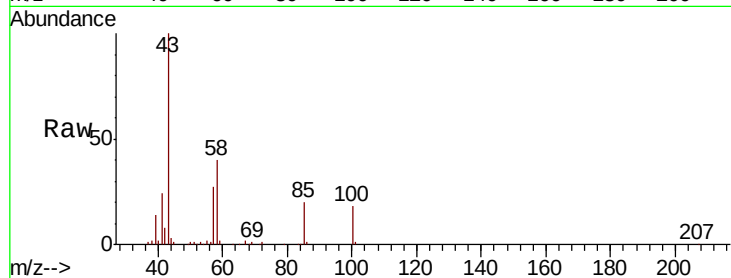




#51
 4-Methyl-2-Pentanone
 Concen: 122.867 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

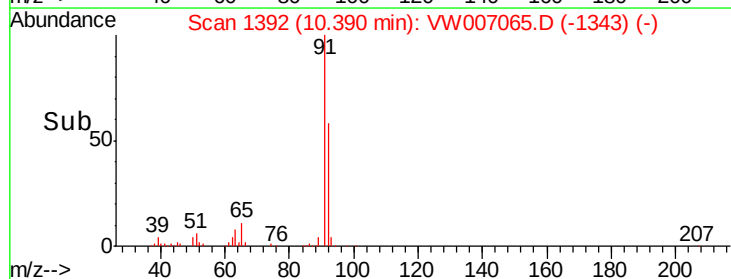
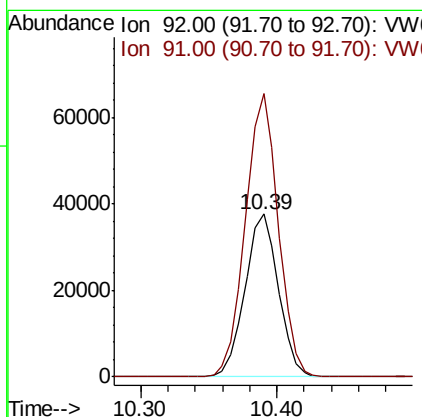
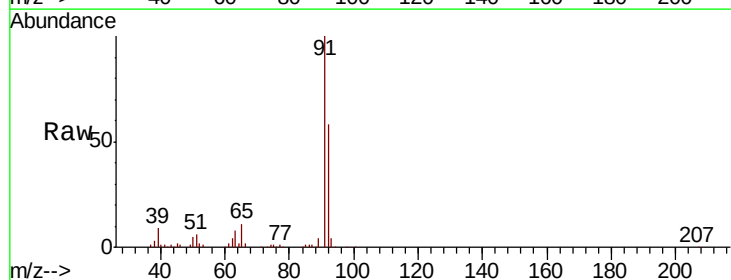
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

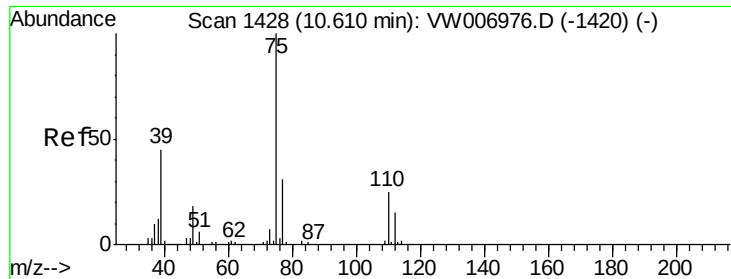
Tot Ion: 43 Resp: 68350
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 22.109 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion: 92 Resp: 64744
 Ion Ratio Lower Upper
 92 100
 91 171.5 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 24.053 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

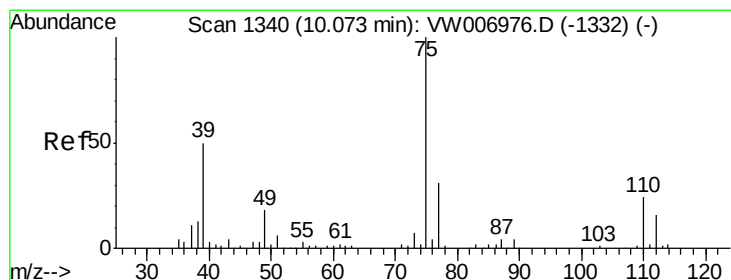
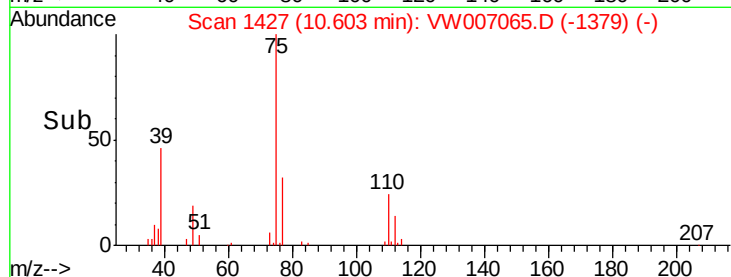
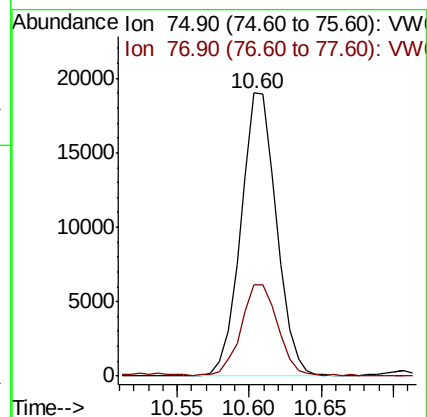
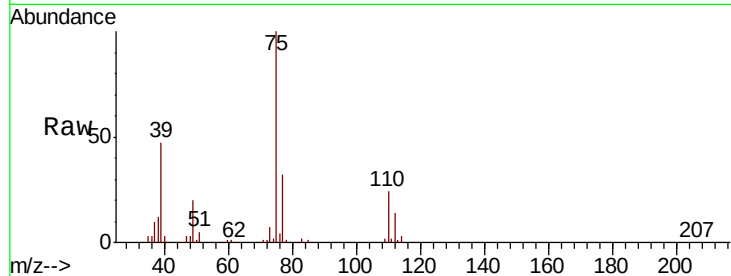
VW1126SBS02

Tot Ion: 75 Resp: 32609

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 23.906 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

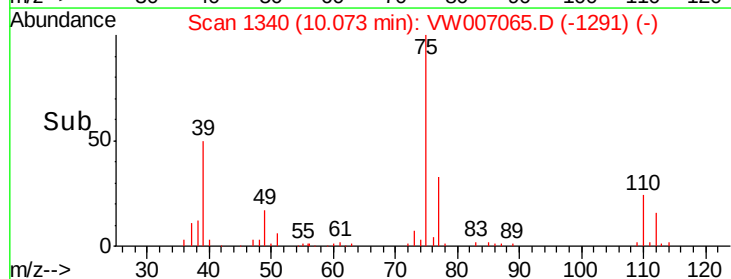
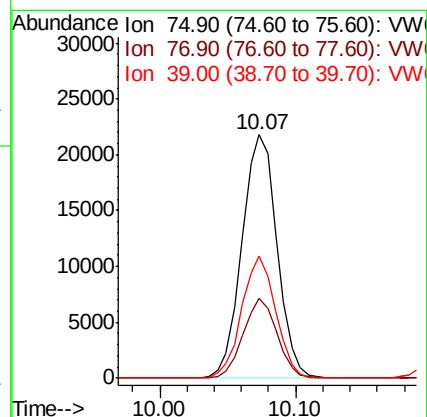
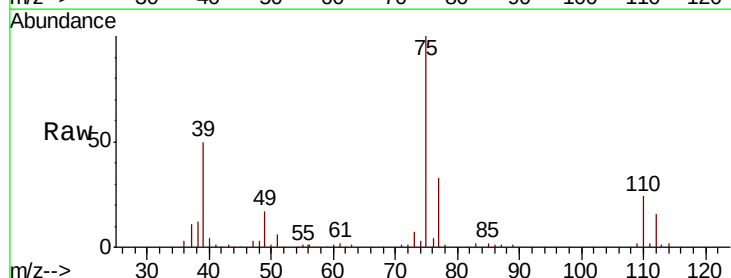
Tgt Ion: 75 Resp: 39155

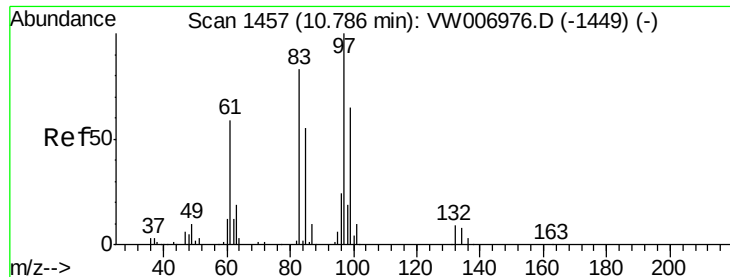
Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.6

39 50.2 39.9 59.9

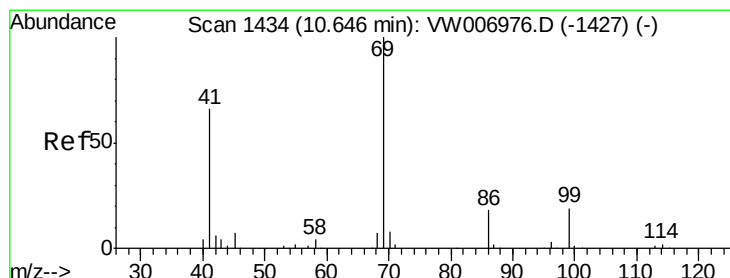
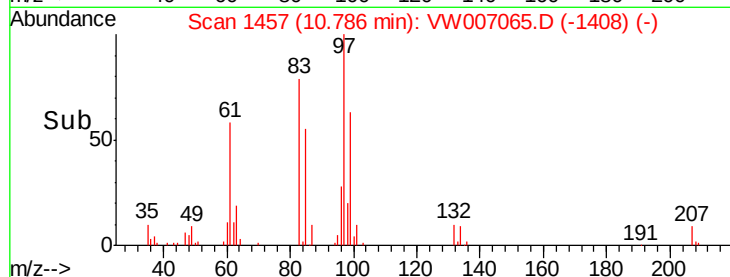
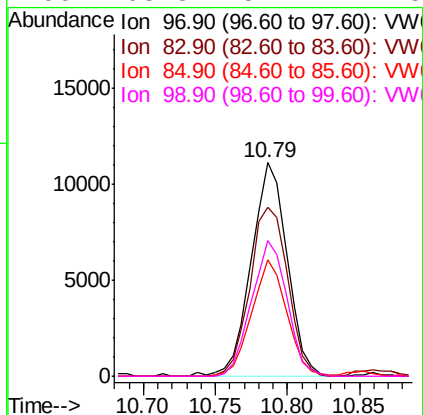
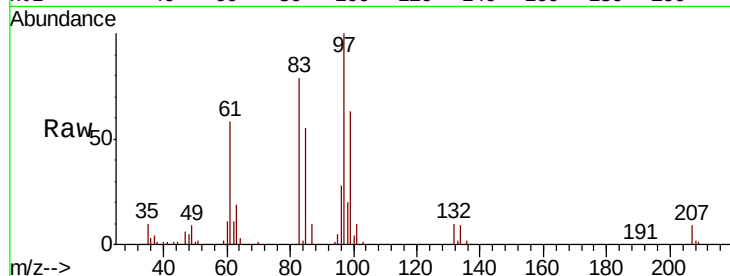




#55
 1,1,2-Trichloroethane
 Concen: 24.481 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

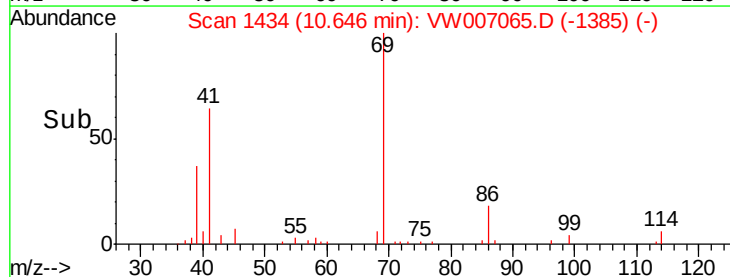
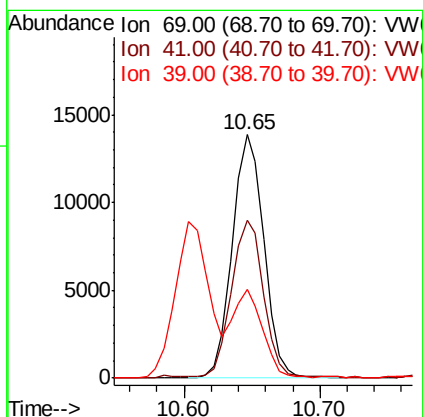
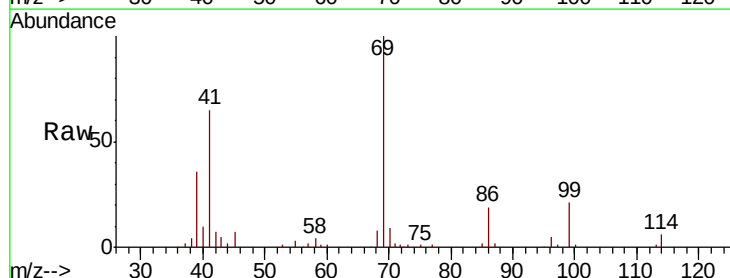
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

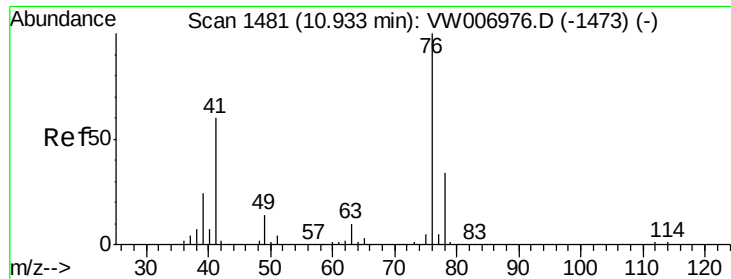
Tot Ion:	97	Resp:	19132
Ion	Ratio	Lower	Upper
97	100		
83	78.8	66.4	99.6
85	54.6	44.1	66.1
99	63.3	51.7	77.5



#56
 Ethyl methacrylate
 Concen: 24.715 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion:	69	Resp:	22420
Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.4	80.0
39	34.2	28.2	42.4

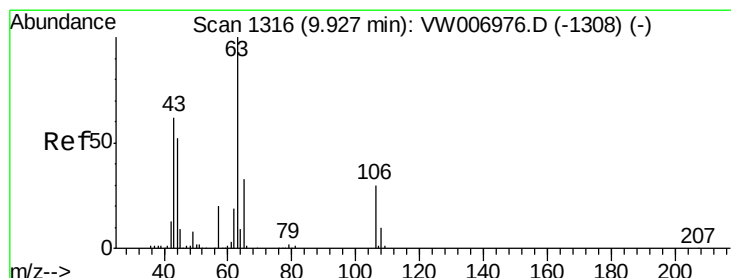
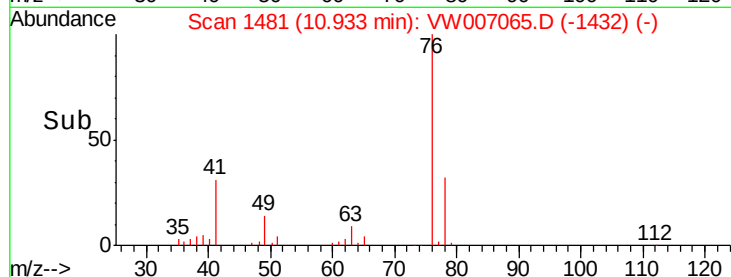
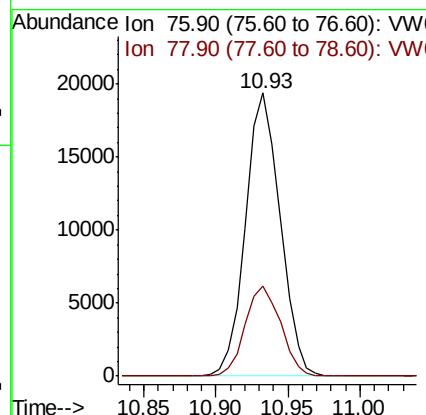
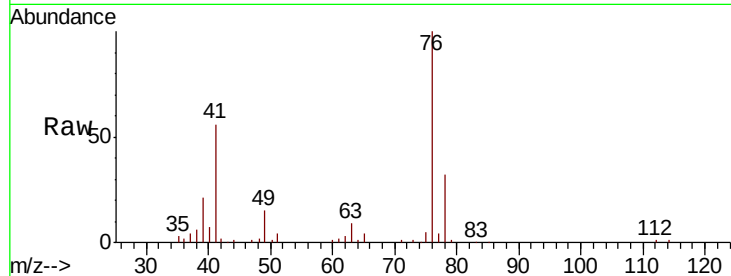




#57
 1,3-Dichloropropane
 Concen: 24.675 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

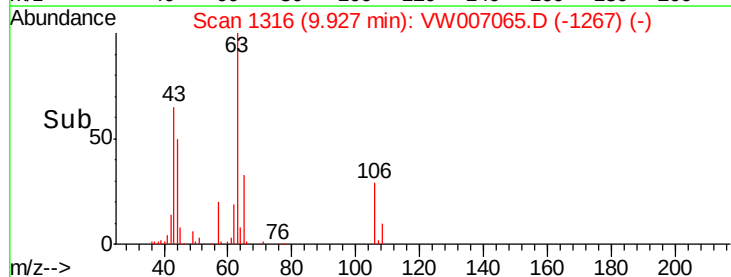
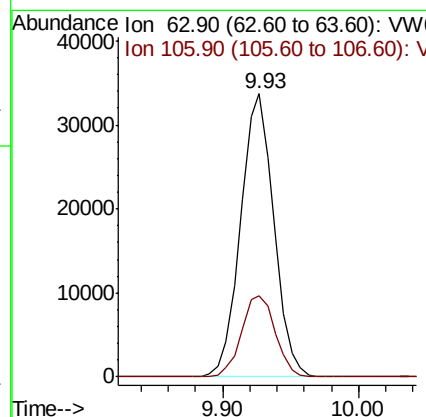
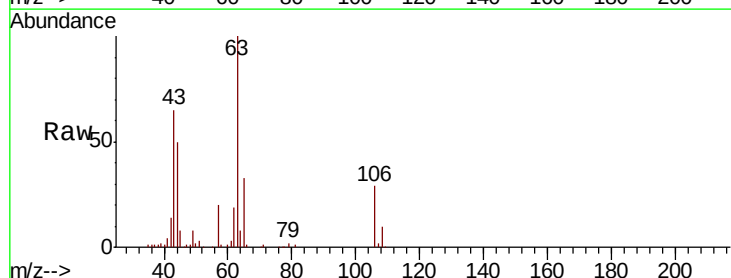
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

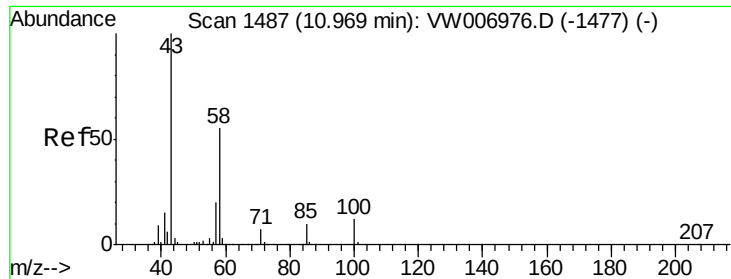
Tot Ion: 76 Resp: 32316
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.134 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion: 63 Resp: 57422
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.5 35.3

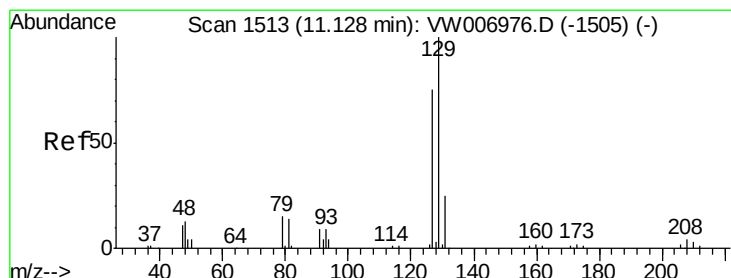
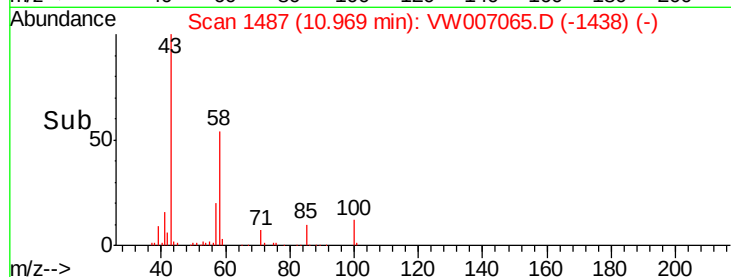
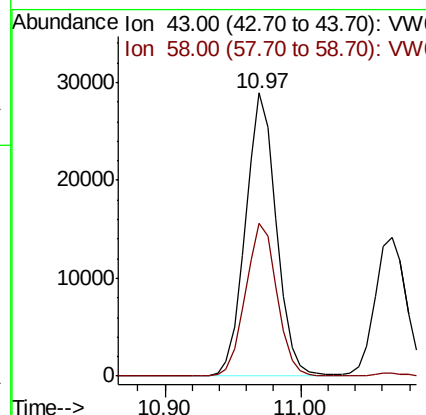
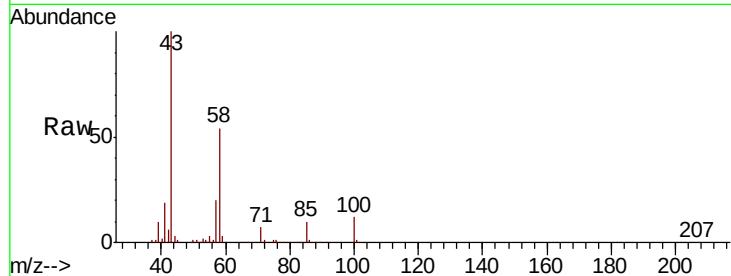




#59
2-Hexanone
Concen: 120.595 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

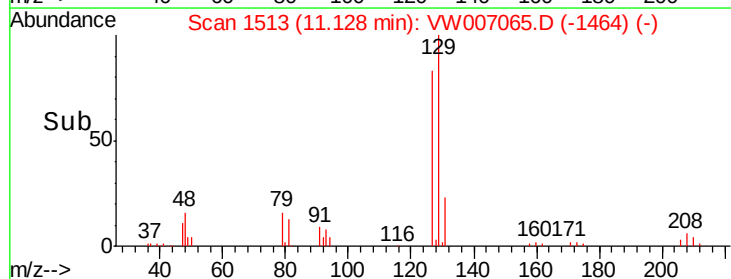
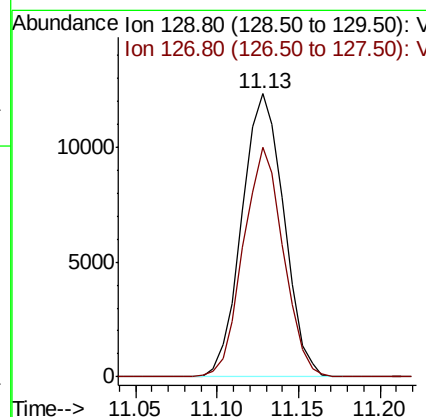
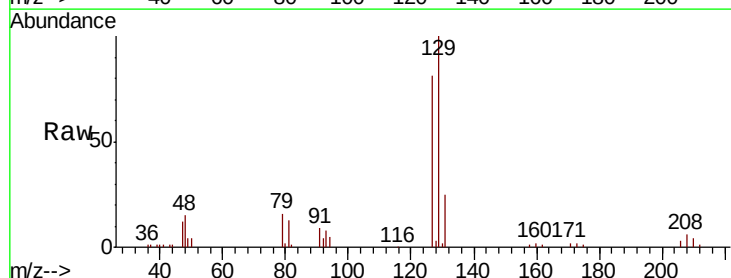
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

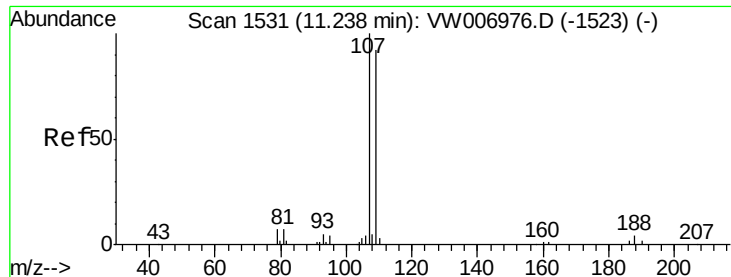
Tot Ion: 43 Resp: 45940
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8



#60
Dibromochloromethane
Concen: 24.725 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion: 129 Resp: 22018
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8

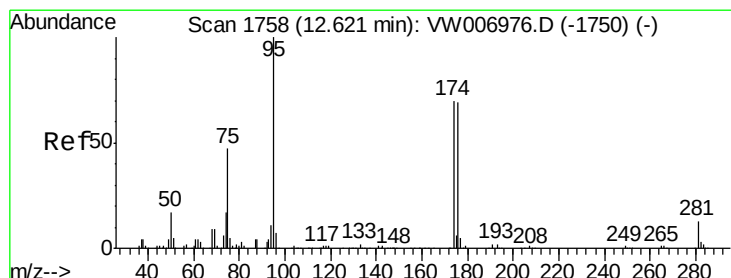
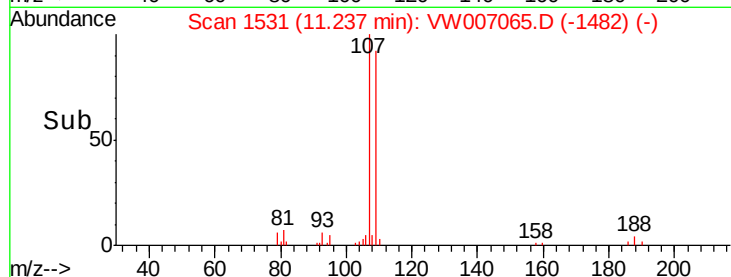
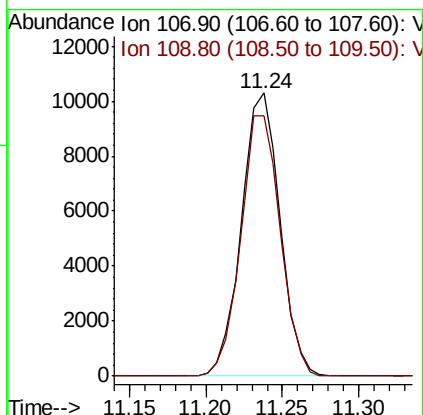
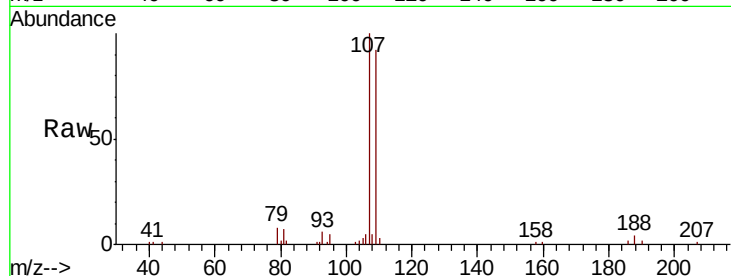




#61
 1,2-Dibromoethane
 Concen: 25.217 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

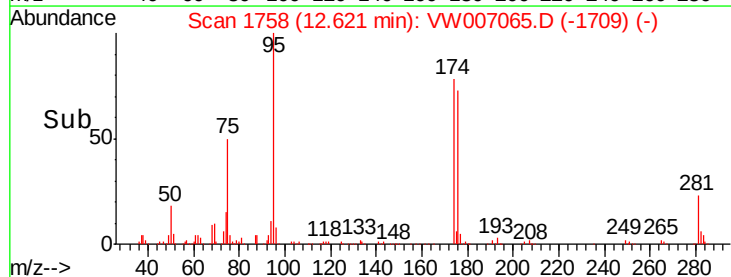
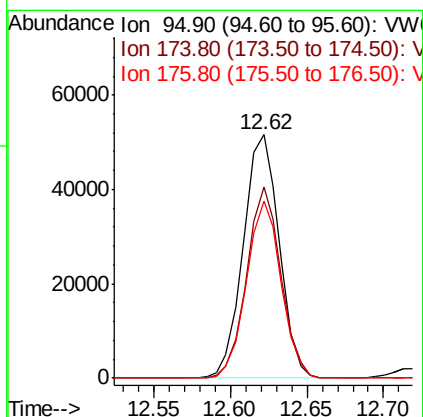
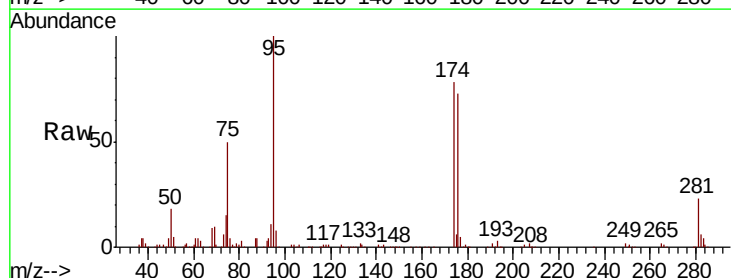
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

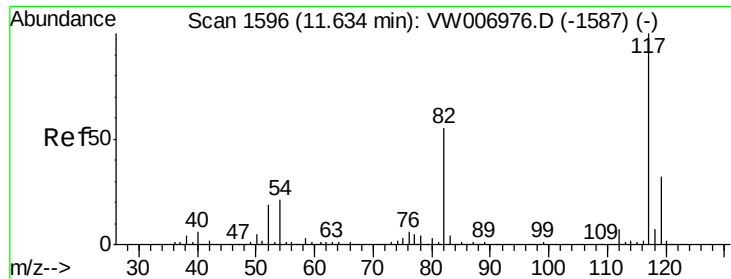
Tot Ion:107 Resp: 18028
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.411 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion: 95 Resp: 83899
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 143.6
 176 70.3 0.0 140.4

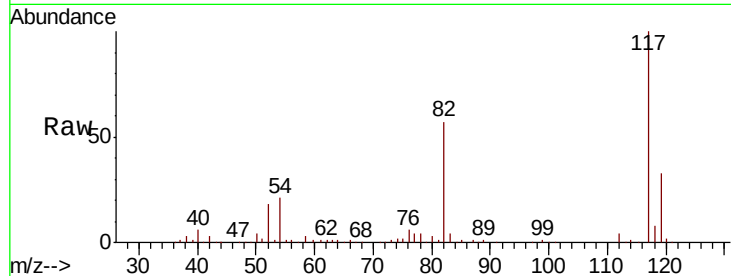




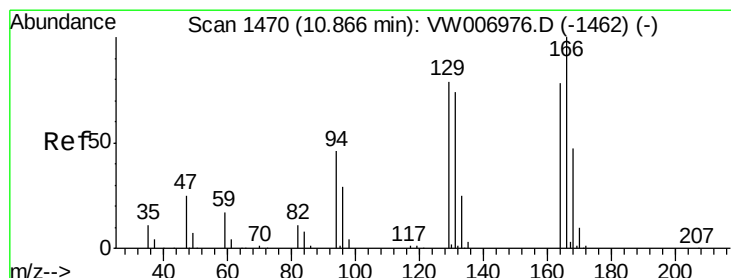
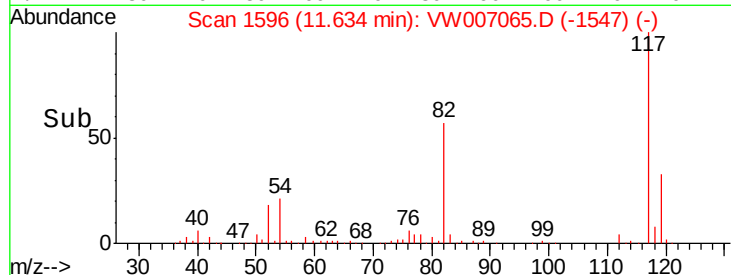
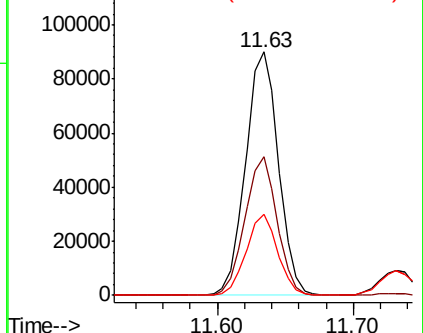
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

Tot Ion:117 Resp: 152074
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 33.3 25.9 38.9

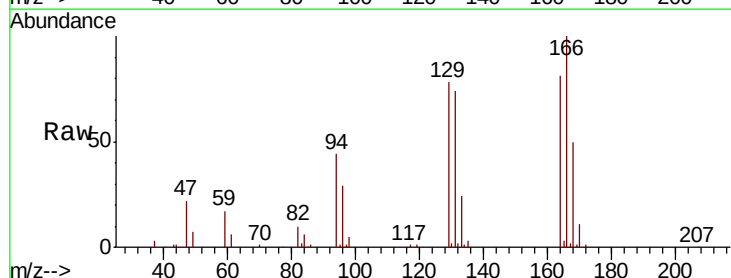


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

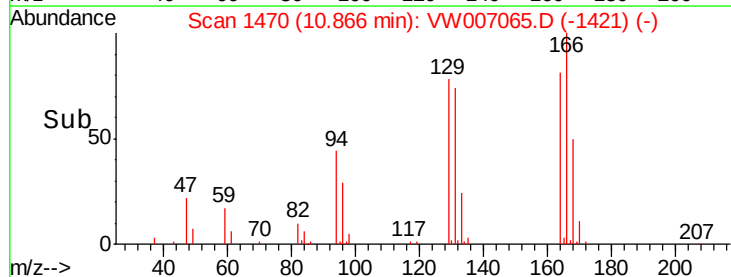
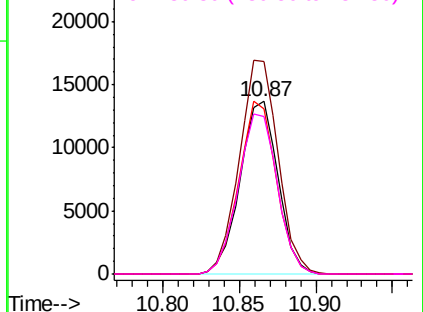


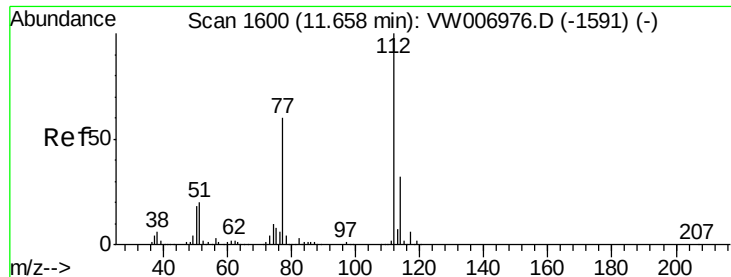
#64
Tetrachloroethene
Concen: 24.123 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion:164 Resp: 23600
Ion Ratio Lower Upper
164 100
166 122.8 102.1 153.1
129 95.7 80.4 120.6
131 91.0 75.2 112.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

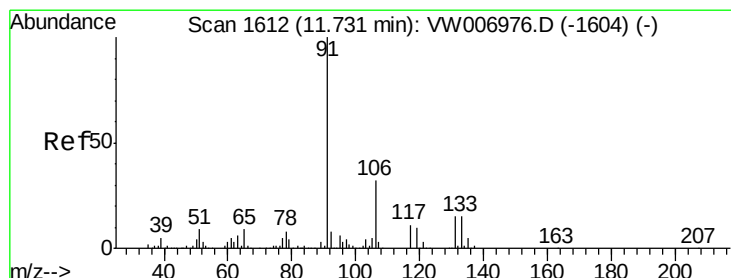
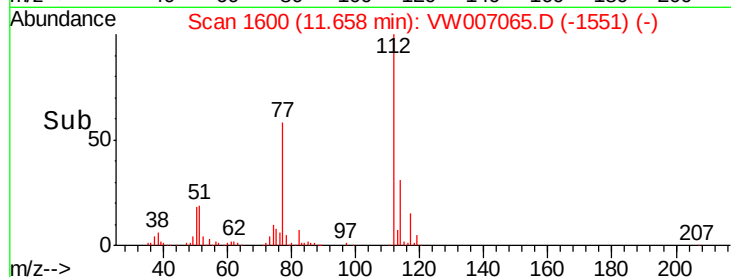
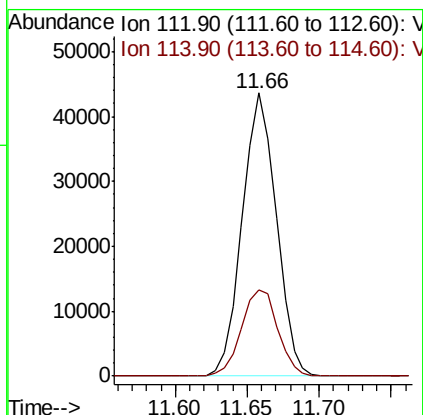
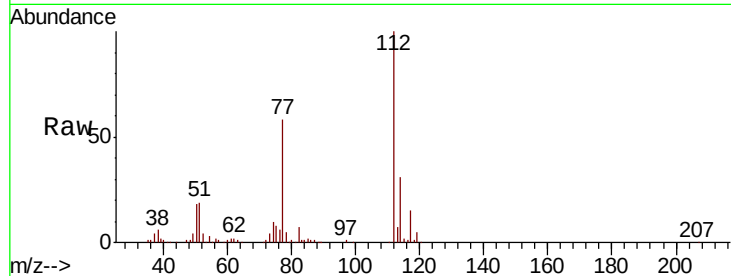




#65
Chlorobenzene
Concen: 22.557 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

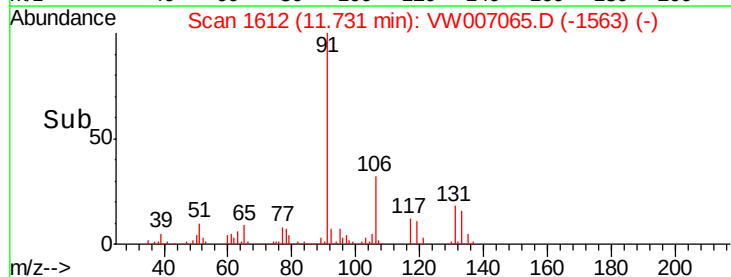
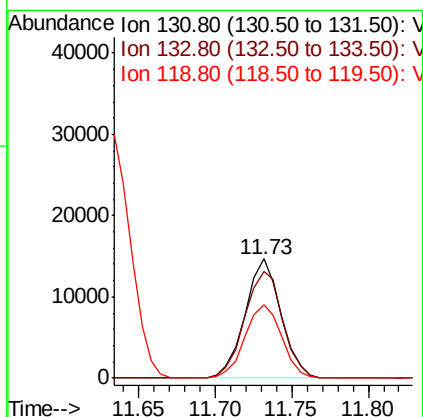
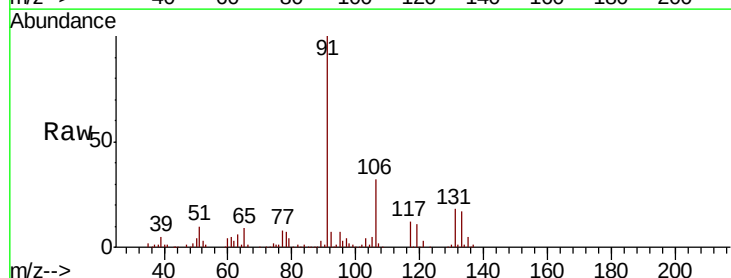
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

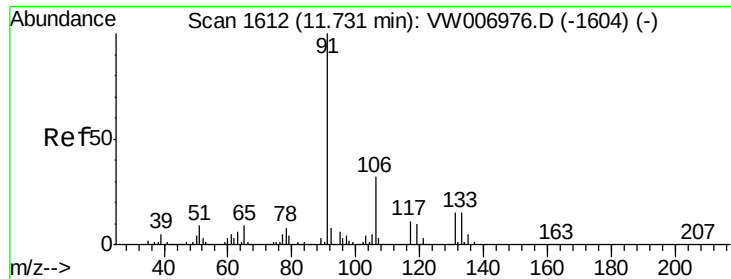
Tot Ion:112 Resp: 71596
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 24.786 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion:131 Resp: 23799
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 63.8 31.8 95.3

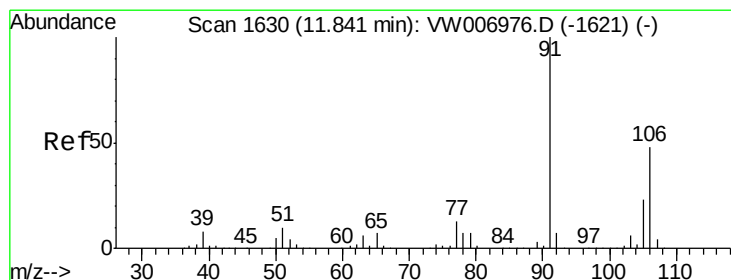
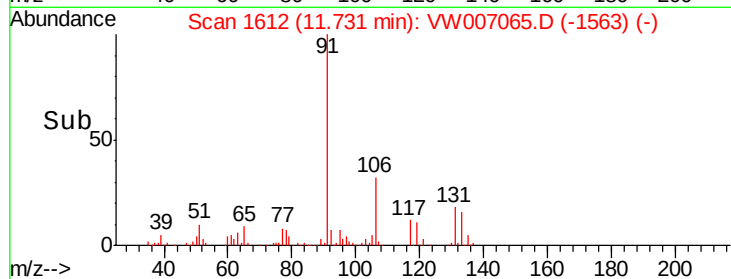
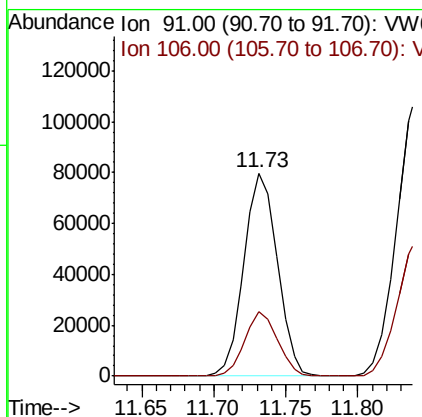
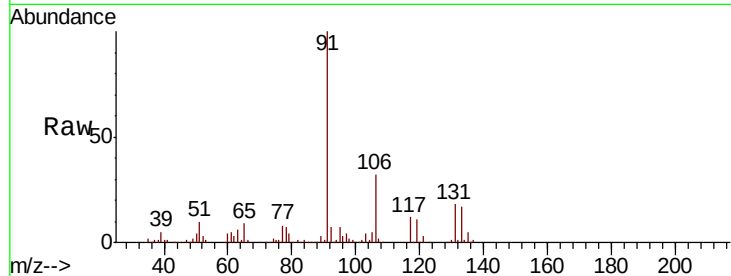




#67
Ethyl Benzene
Concen: 22.032 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

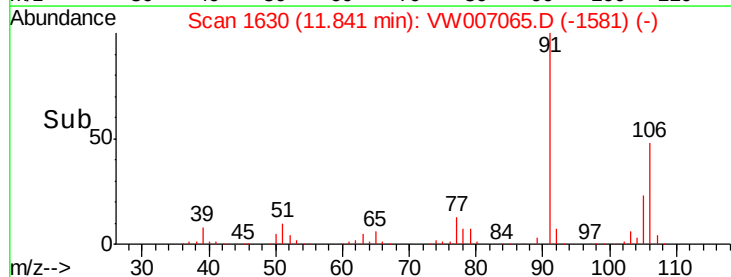
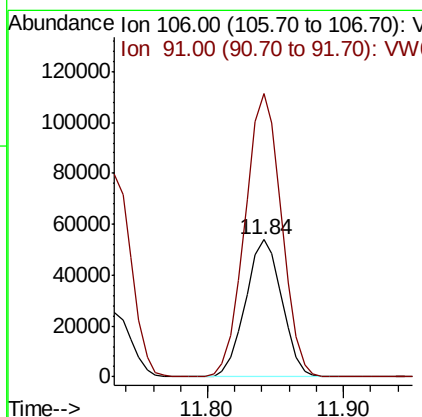
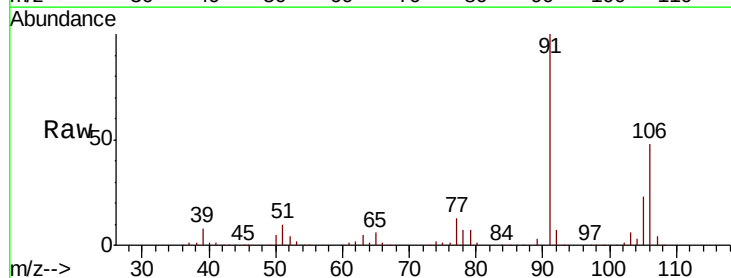
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

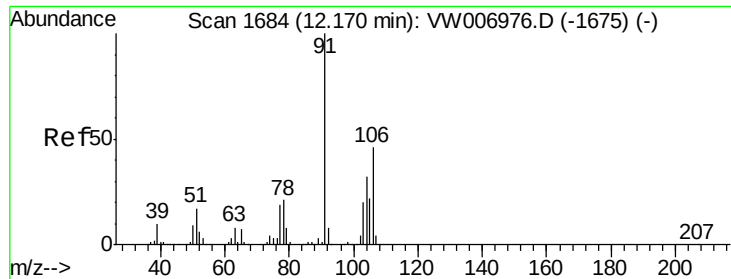
Tot Ion: 91 Resp: 128465
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 44.164 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion: 106 Resp: 101031
Ion Ratio Lower Upper
106 100
91 206.9 164.8 247.2

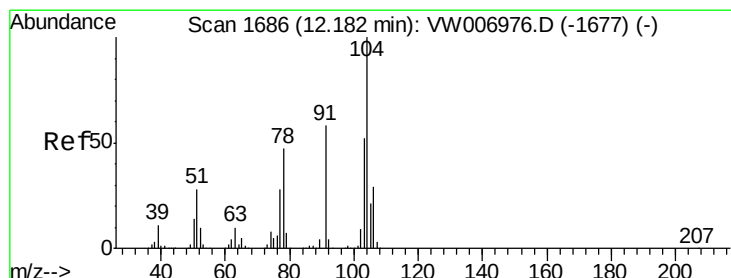
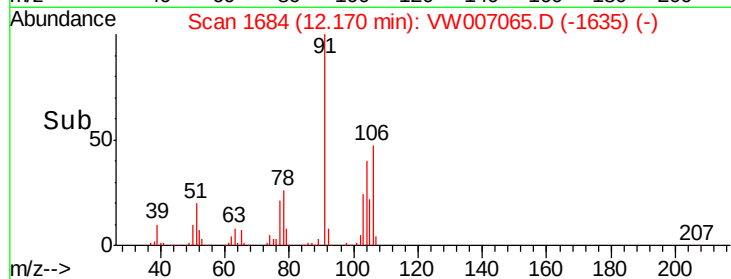
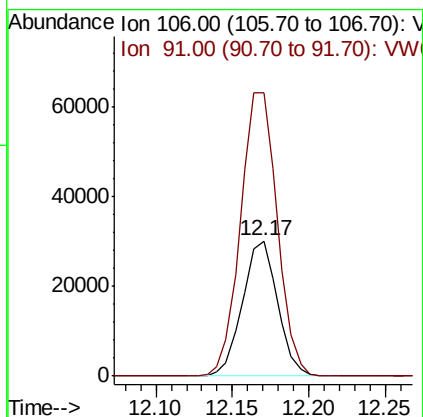
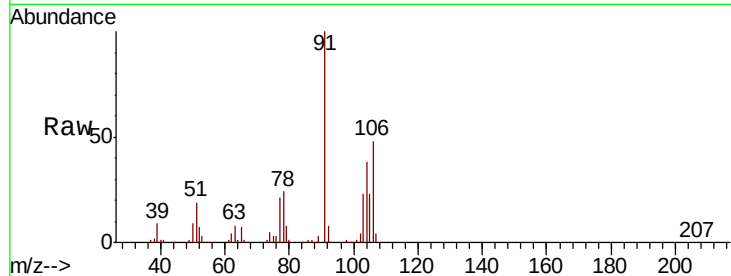




#69
o-Xylene
Concen: 22.279 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

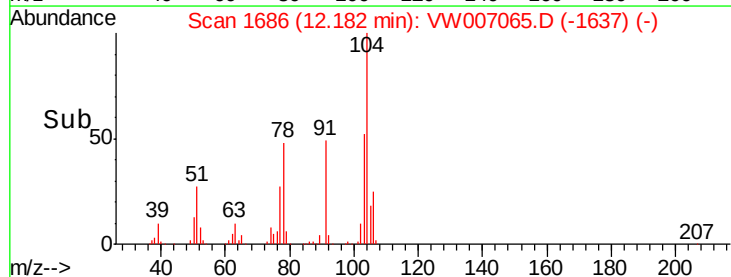
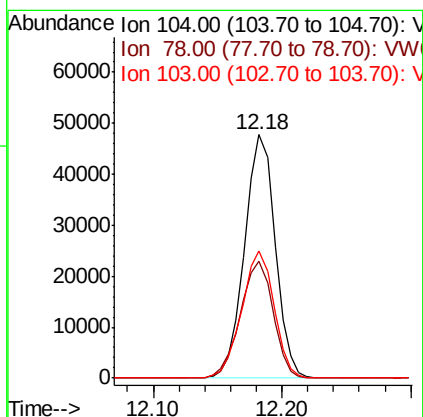
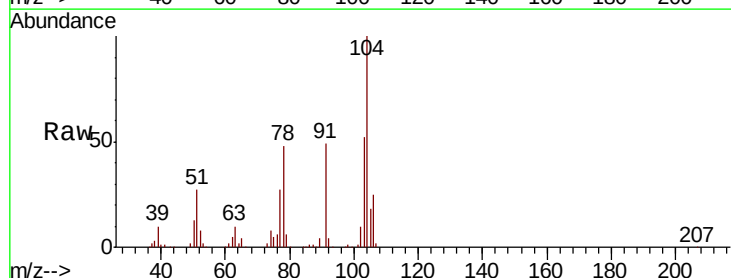
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

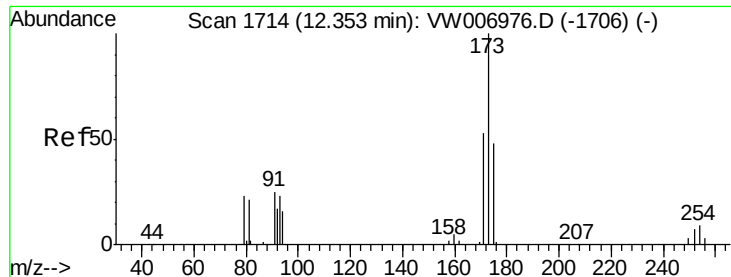
Tot Ion:106 Resp: 48056
Ion Ratio Lower Upper
106 100
91 219.0 107.9 323.8



#70
Styrene
Concen: 22.820 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion:104 Resp: 78345
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 55.2 44.4 66.6





#71

Bromoform

Concen: 25.584 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

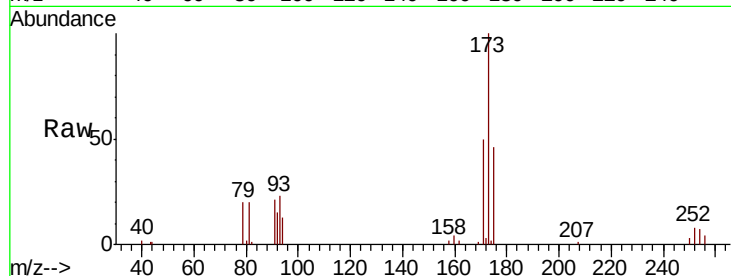
Tot Ion:173 Resp: 11572

Ion Ratio Lower Upper

173 100

175 47.7 24.0 72.0

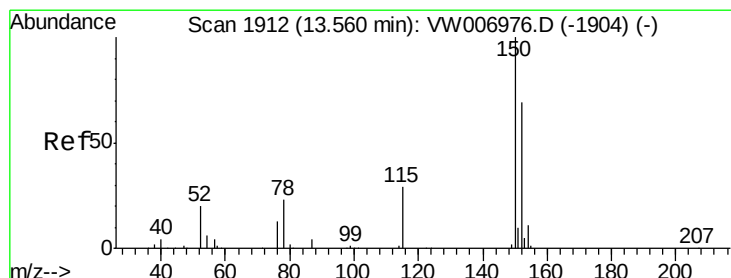
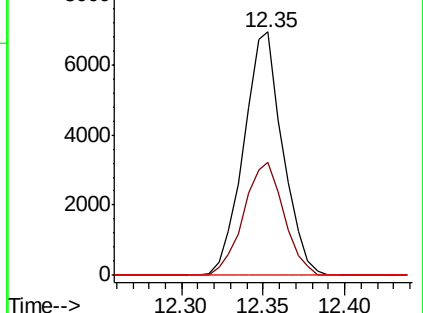
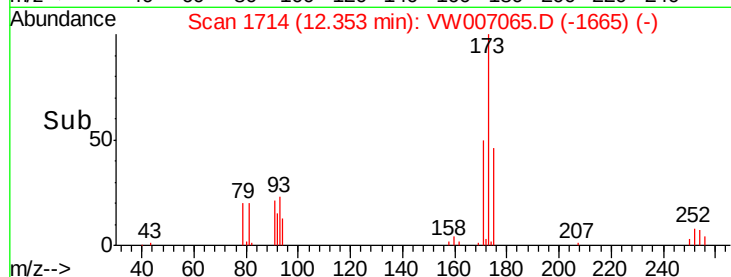
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

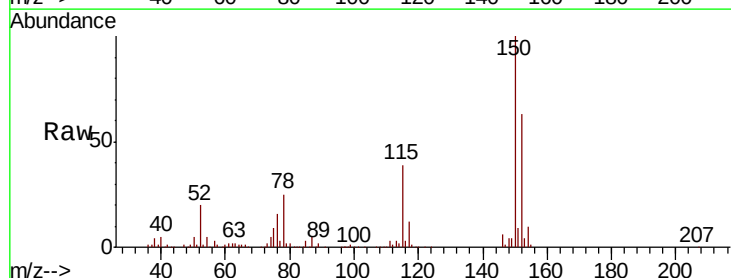
Tgt Ion:152 Resp: 78279

Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.2

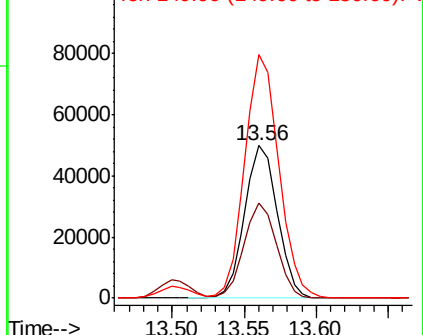
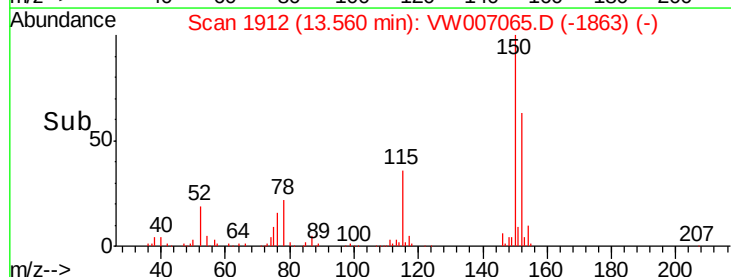
150 166.8 0.0 353.4

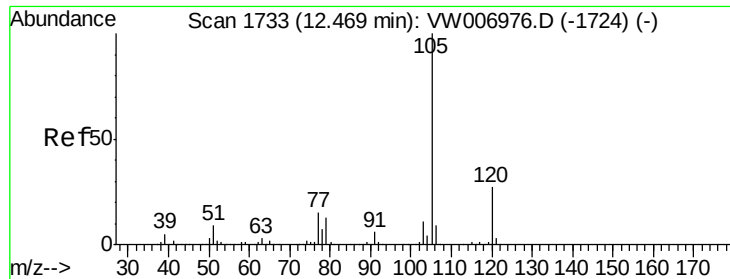


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.502 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

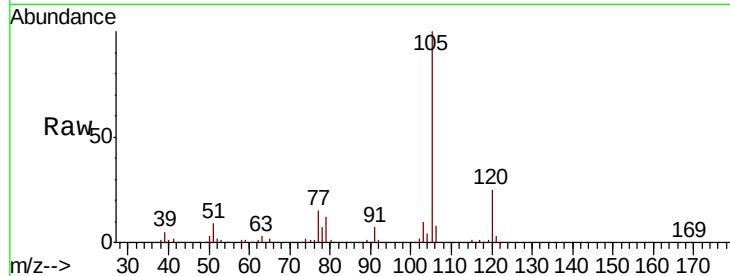
VW1126SBS02

Tot Ion:105 Resp: 130814

Ion Ratio Lower Upper

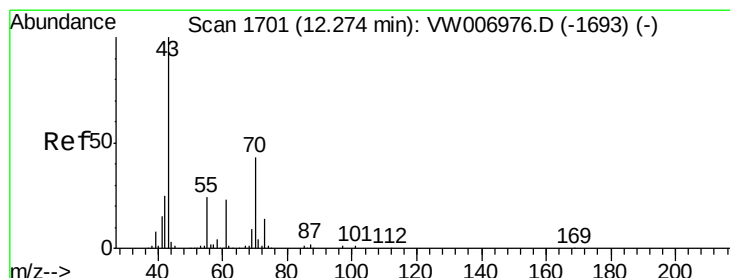
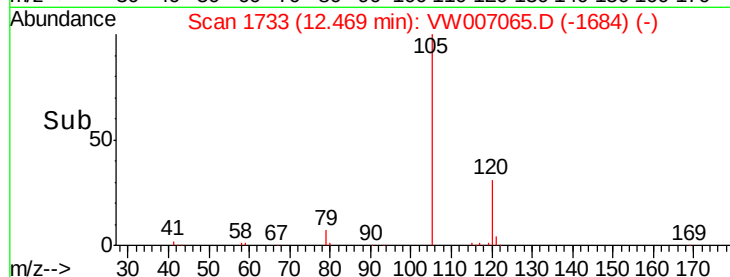
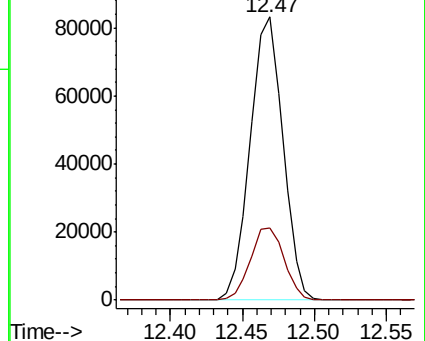
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.813 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Tgt Ion: 43 Resp: 25300

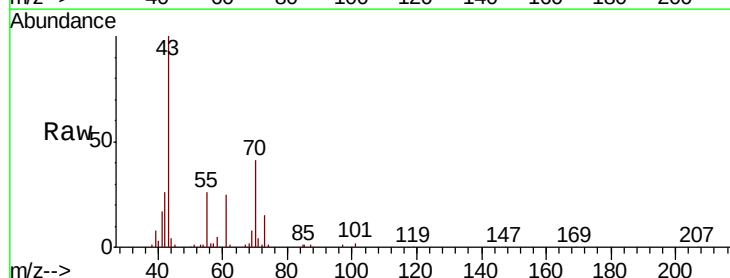
Ion Ratio Lower Upper

43 100

70 43.0 34.0 51.0

55 25.0 19.4 29.0

61 25.1 19.4 29.2

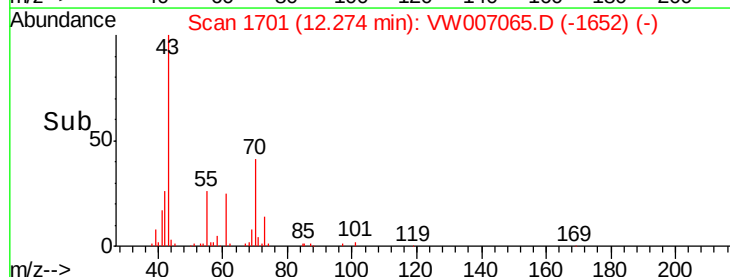
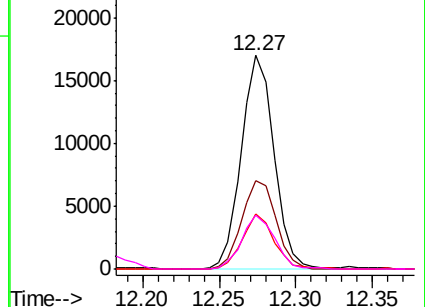


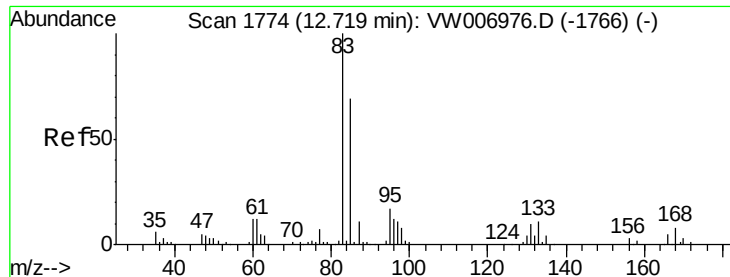
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 24.921 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

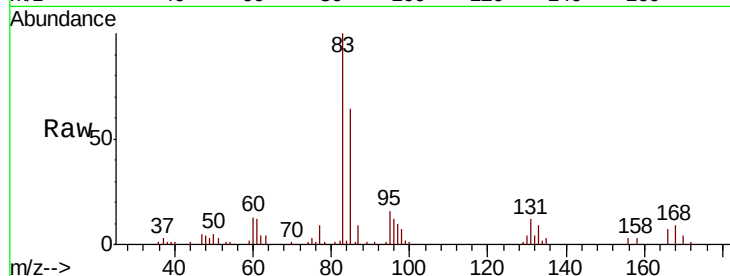
Tot Ion: 83 Resp: 20177

Ion Ratio Lower Upper

83 100

131 12.0 5.7 17.1

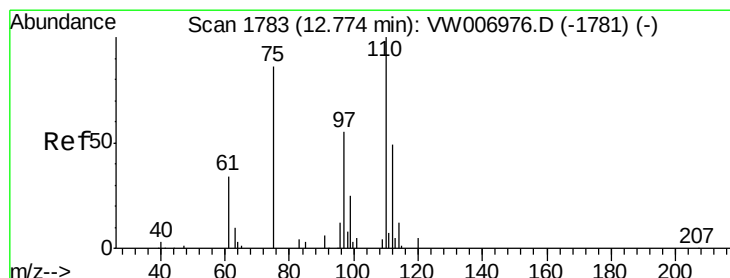
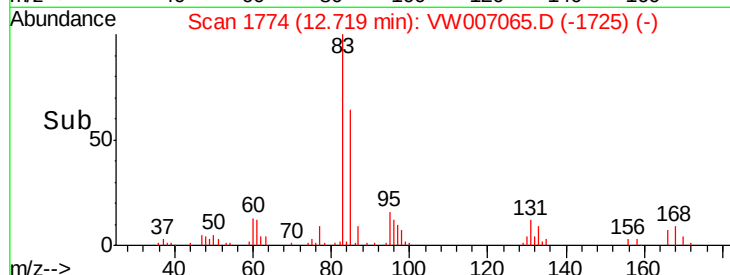
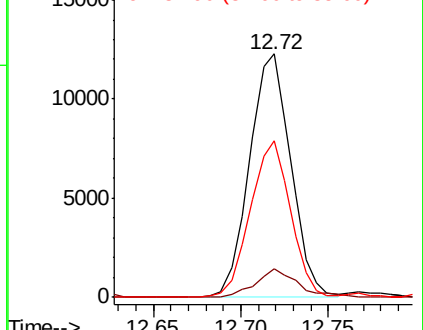
85 62.6 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.958 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007065.D

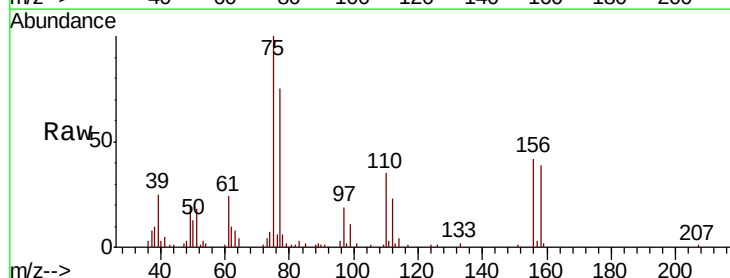
Acq: 27 Nov 2018 00:54

Tgt Ion: 75 Resp: 26424

Ion Ratio Lower Upper

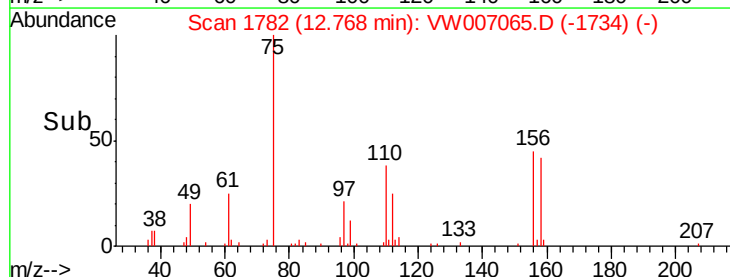
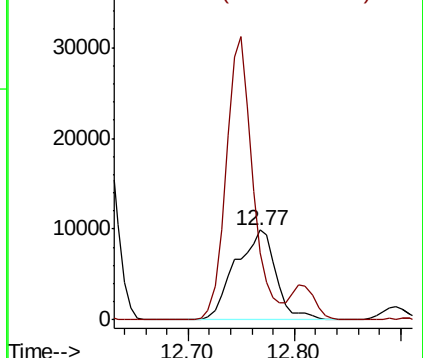
75 100

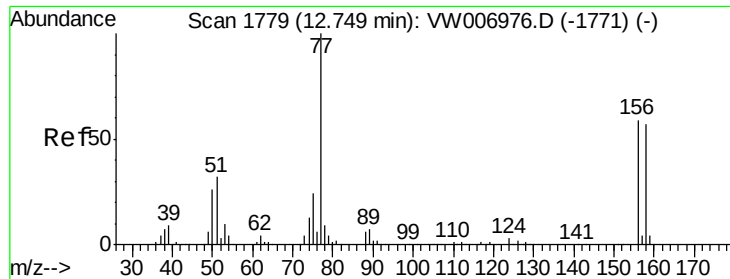
77 206.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.810 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

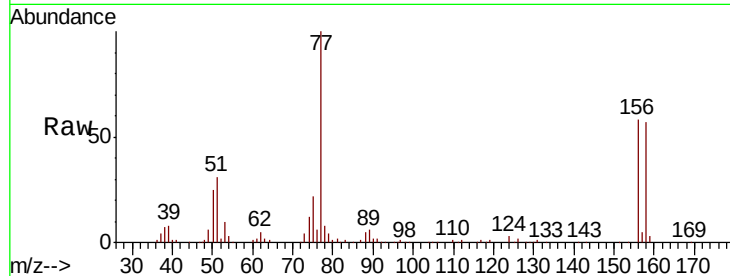
Tot Ion:156 Resp: 29806

Ion Ratio Lower Upper

156 100

77 183.0 94.6 283.8

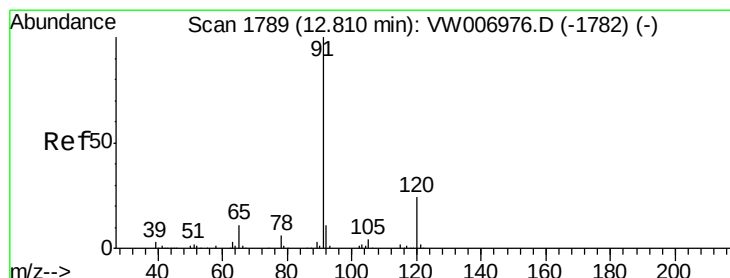
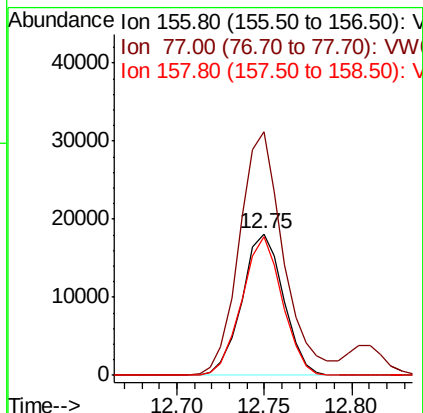
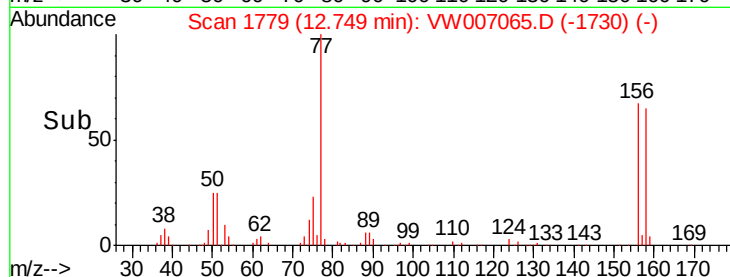
158 95.4 48.9 146.7



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: 21.163 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007065.D

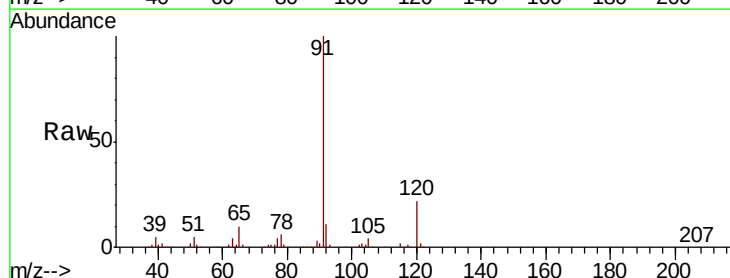
Acq: 27 Nov 2018 00:54

Tgt Ion: 91 Resp: 155953

Ion Ratio Lower Upper

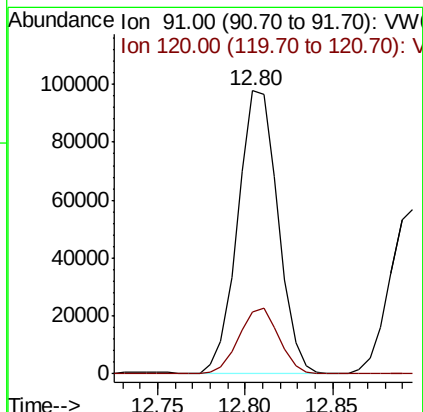
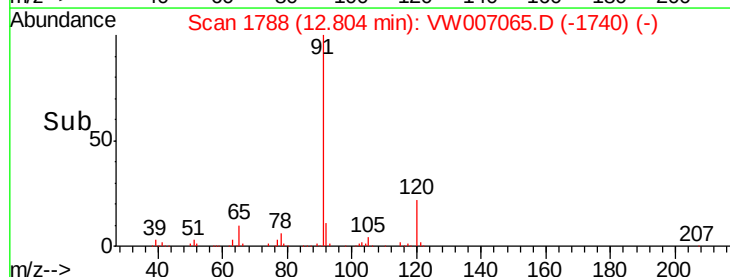
91 100

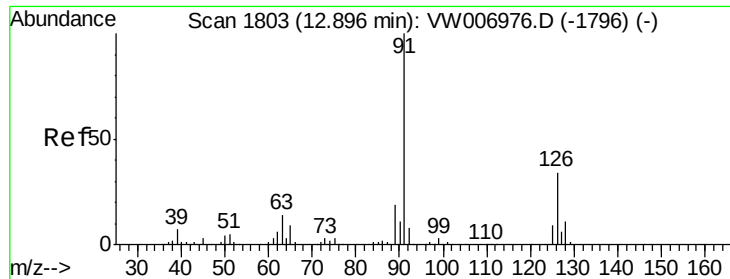
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.568 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

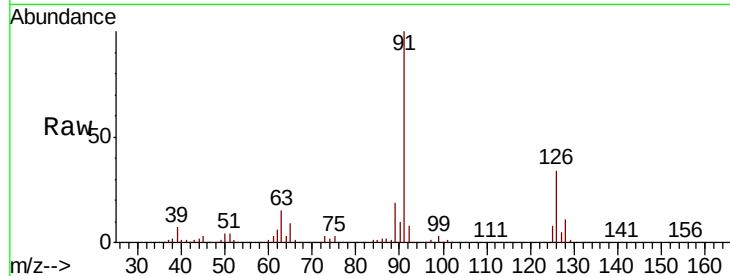
VW1126SBS02

Tot Ion: 91 Resp: 91642

Ion Ratio Lower Upper

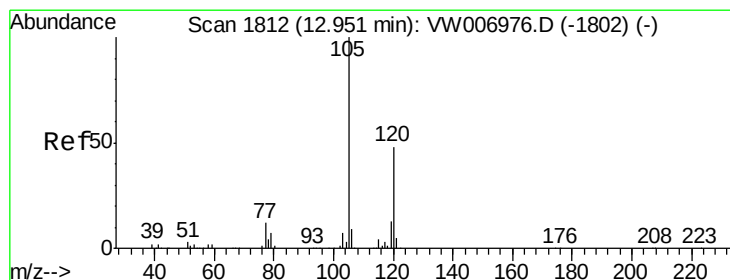
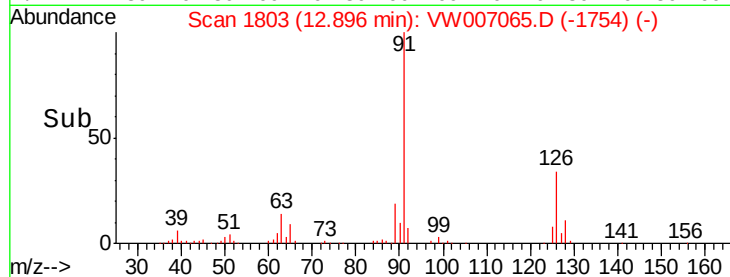
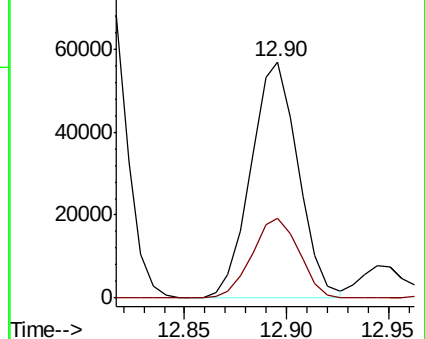
91 100

126 33.9 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: 21.749 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW007065.D

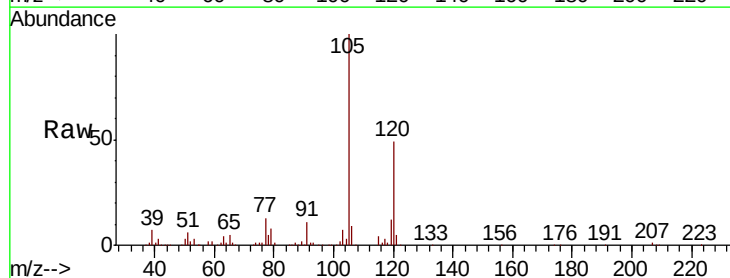
Acq: 27 Nov 2018 00:54

Tgt Ion:105 Resp: 114422

Ion Ratio Lower Upper

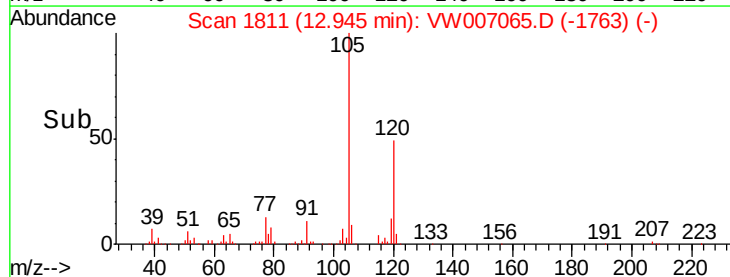
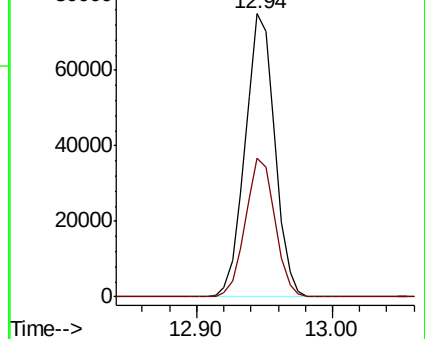
105 100

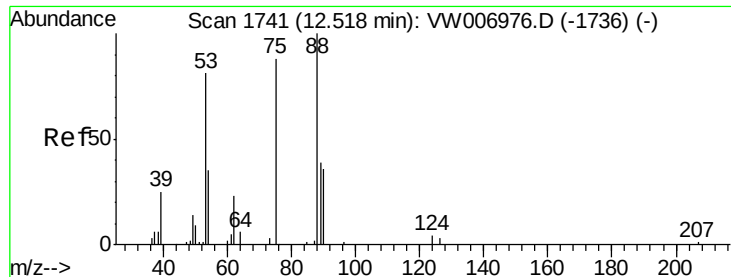
120 49.0 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

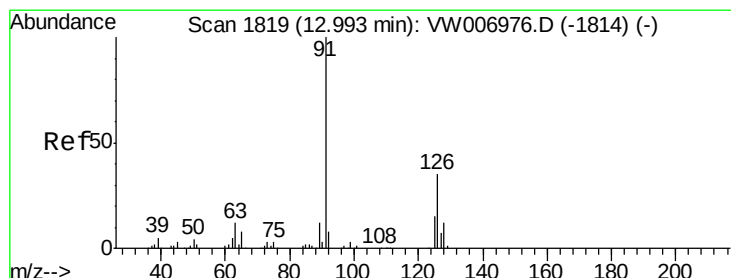
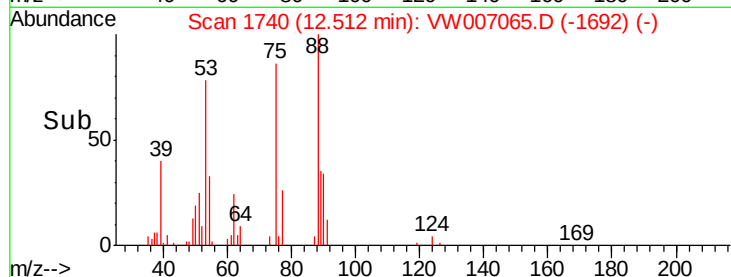
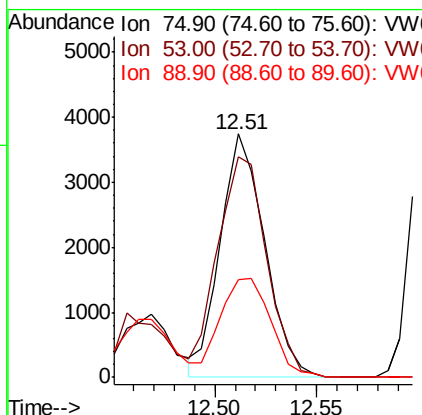
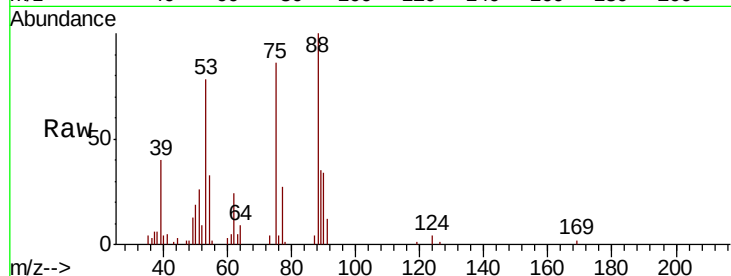




#81
trans-1,4-Dichloro-2-butene
Concen: 23.069 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

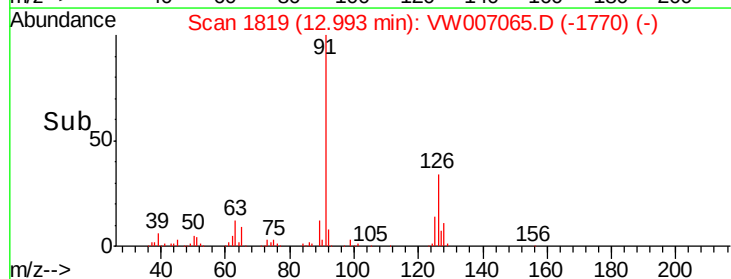
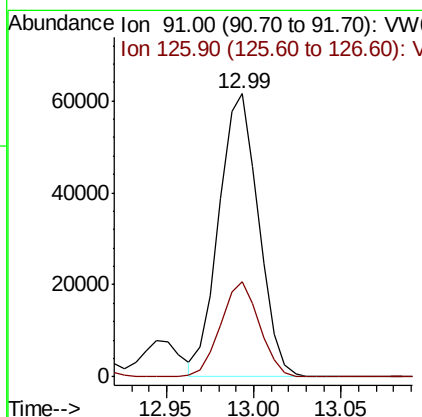
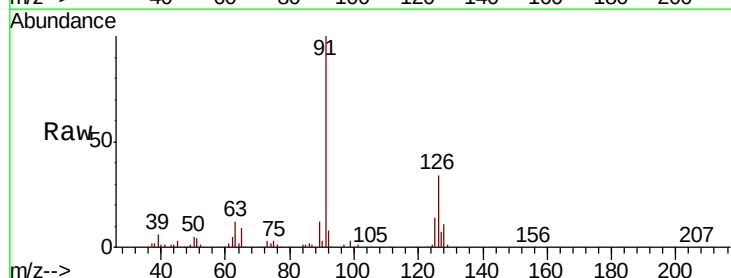
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

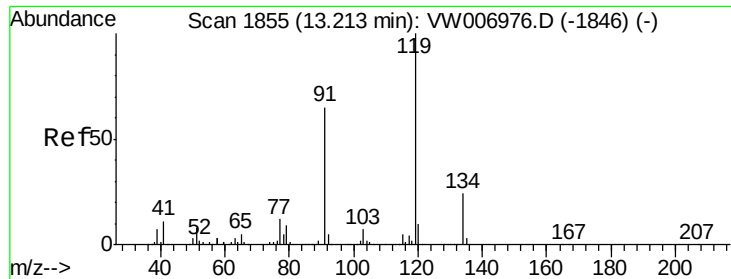
Tot Ion: 75 Resp: 5652
Ion Ratio Lower Upper
75 100
53 100.1 77.6 116.4
89 47.1 39.3 58.9



#82
4-Chlorotoluene
Concen: 21.794 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion: 91 Resp: 97180
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.7

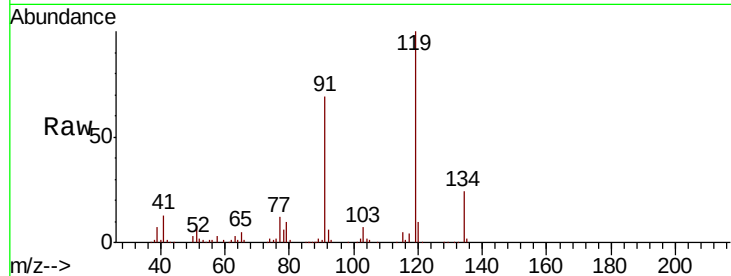




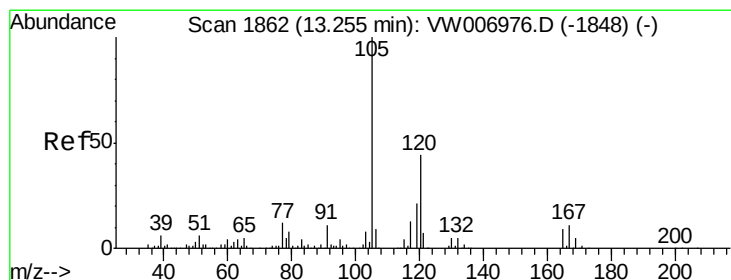
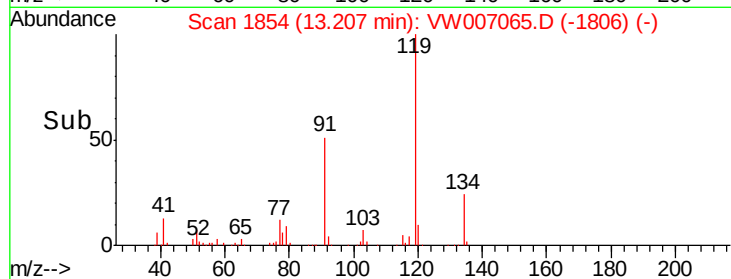
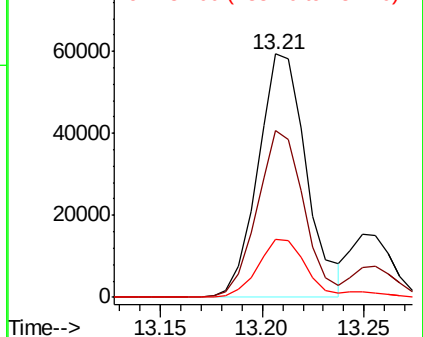
#83
 tert-Butylbenzene
 Concen: 21.556 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

Tot Ion:119 Resp: 98183
 Ion Ratio Lower Upper
 119 100
 91 66.0 33.5 100.5
 134 23.2 12.6 37.8

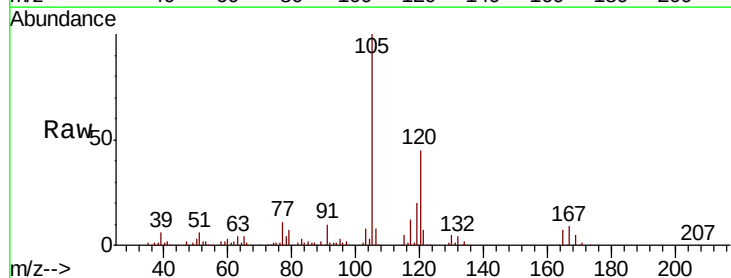


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

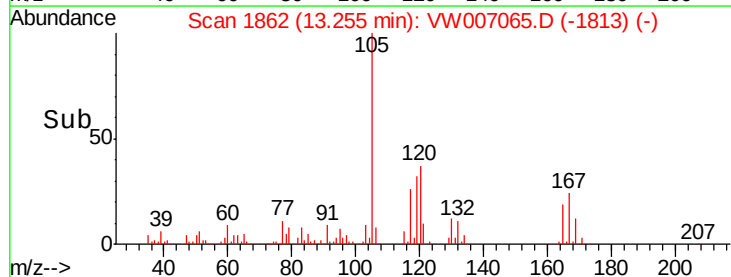
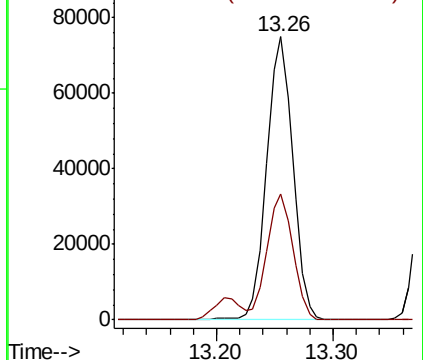


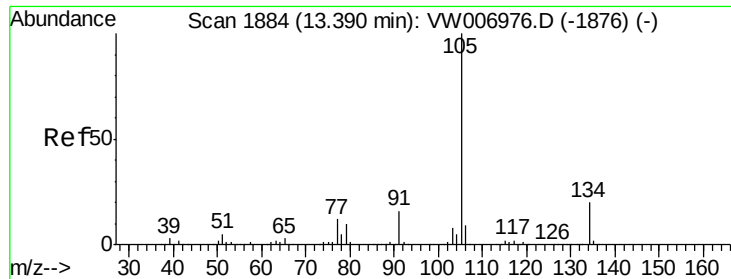
#84
 1,2,4-Trimethylbenzene
 Concen: 22.172 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion:105 Resp: 116212
 Ion Ratio Lower Upper
 105 100
 120 44.5 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: 21.302 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

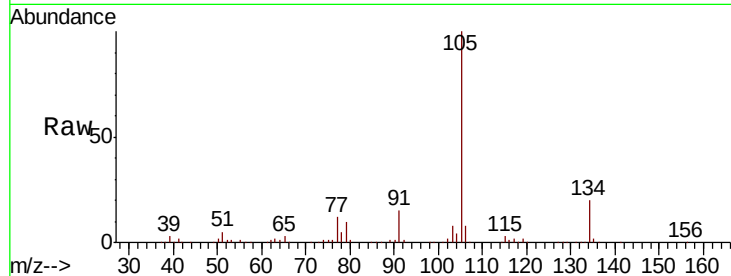
VW1126SBS02

Tot Ion:105 Resp: 137074

Ion Ratio Lower Upper

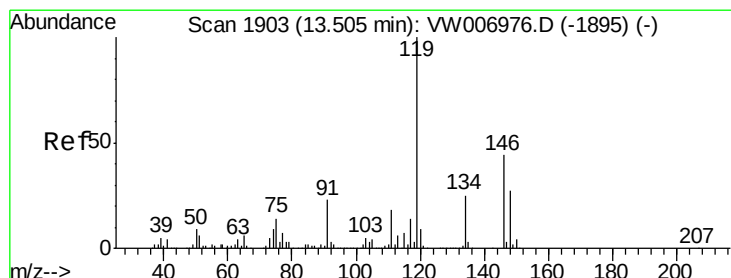
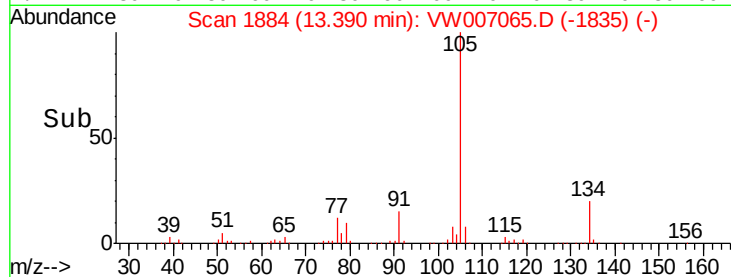
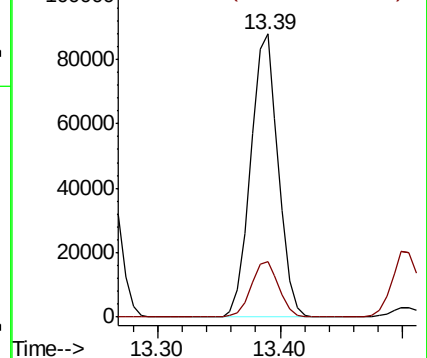
105 100

134 19.8 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: 21.684 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

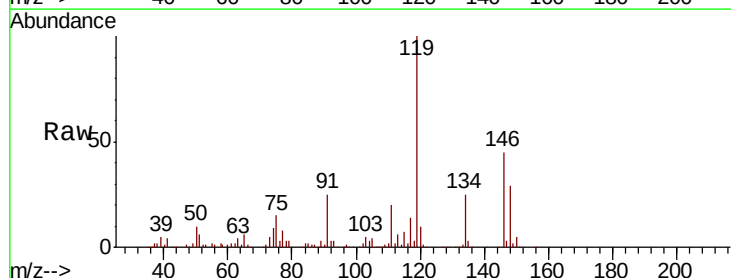
Tgt Ion:119 Resp: 123096

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

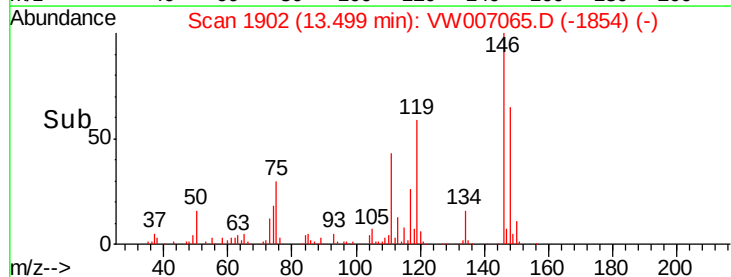
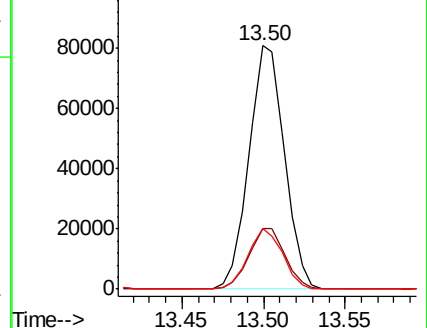
91 24.1 12.2 36.6

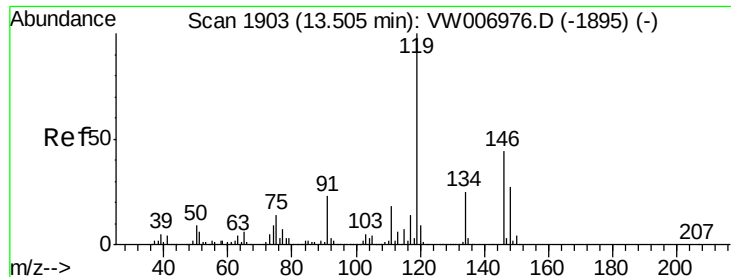


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

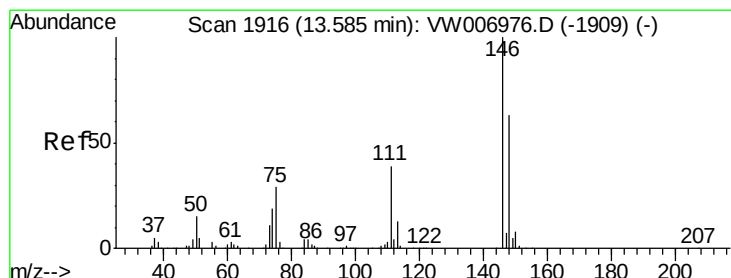
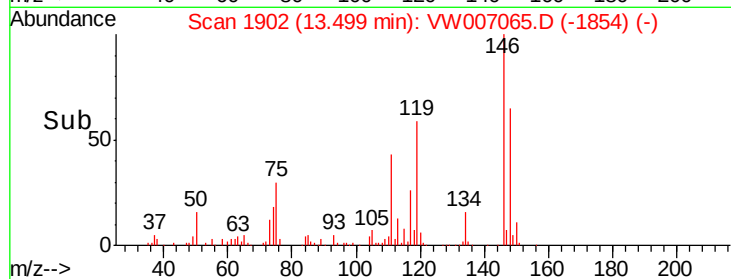
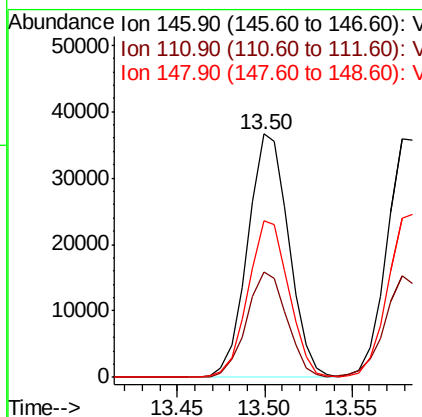
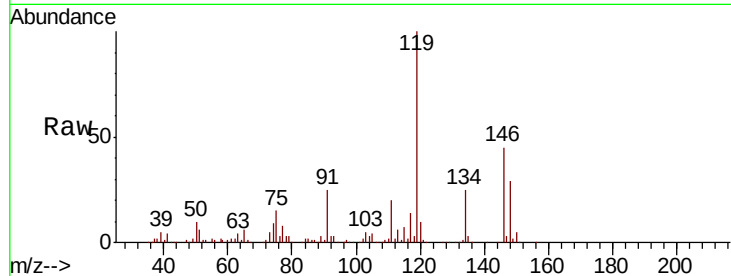




#87
 1,3-Dichlorobenzene
 Concen: 22.410 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

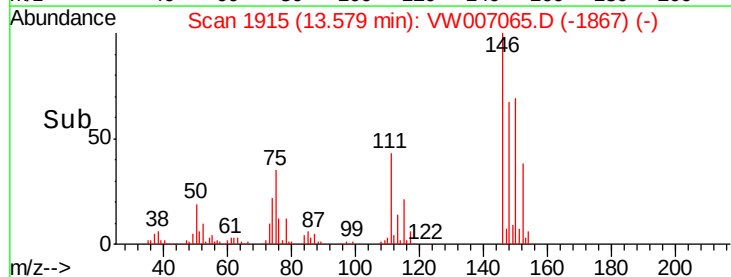
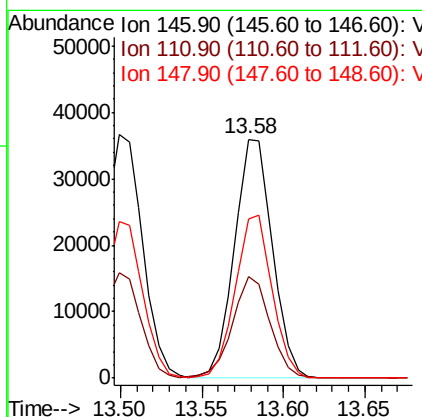
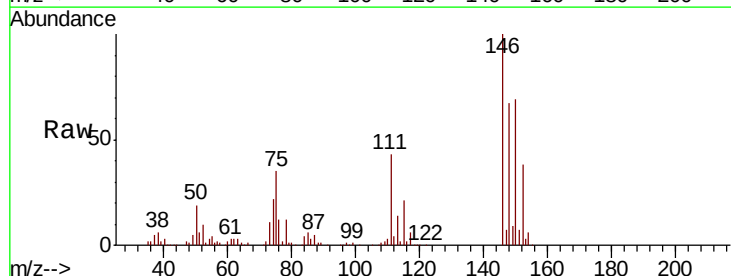
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

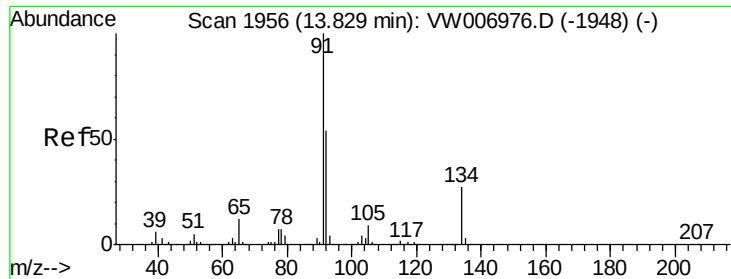
Tot Ion:146 Resp: 59781
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.3
 148 63.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 21.948 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion:146 Resp: 58375
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.6 61.8
 148 66.3 32.3 96.8





#89

n-Butylbenzene

Concen: 21.298 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

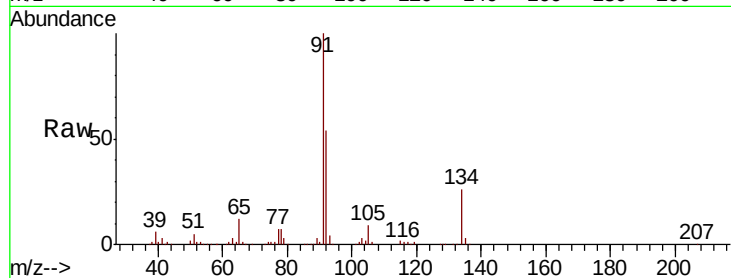
Tot Ion: 91 Resp: 113777

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.4

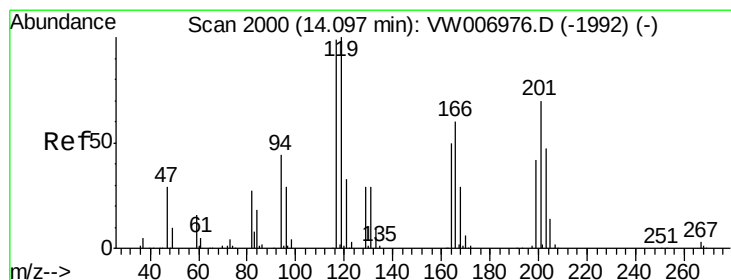
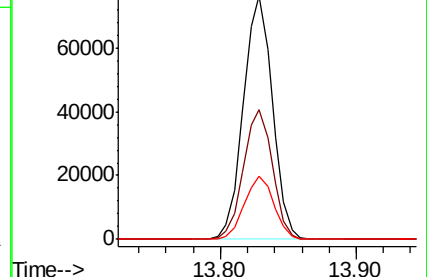
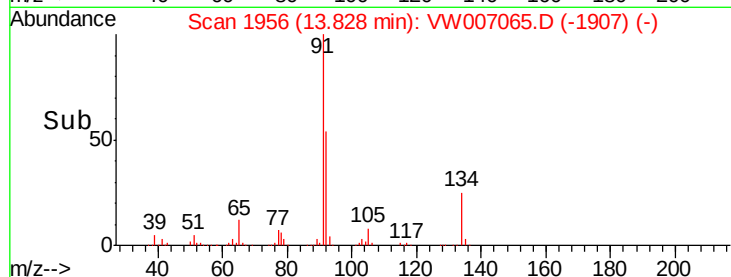
134 26.4 13.3 39.8



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: 22.772 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007065.D

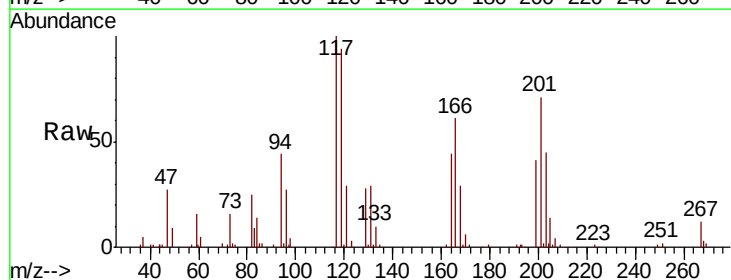
Acq: 27 Nov 2018 00:54

Tgt Ion: 117 Resp: 18873

Ion Ratio Lower Upper

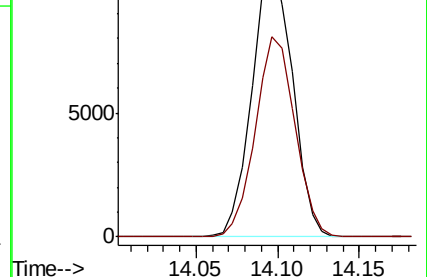
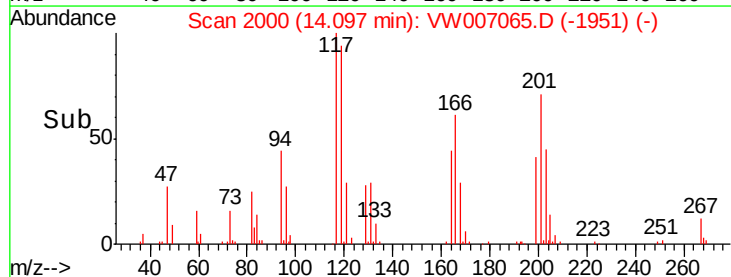
117 100

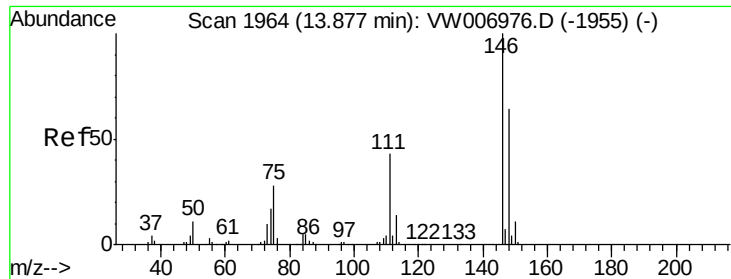
201 72.0 35.9 107.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

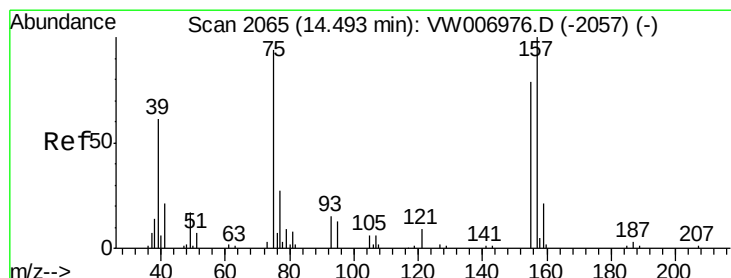
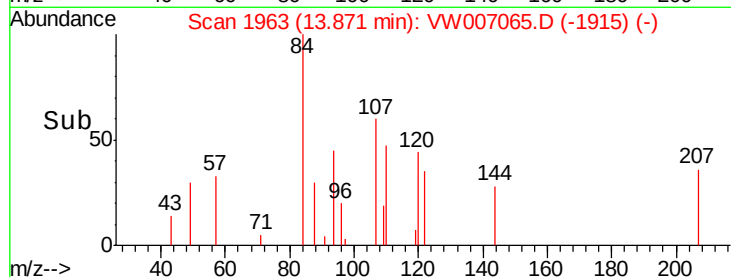
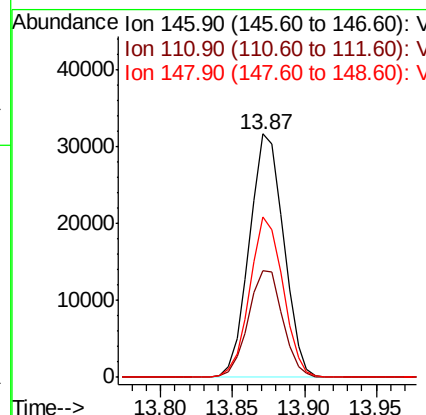
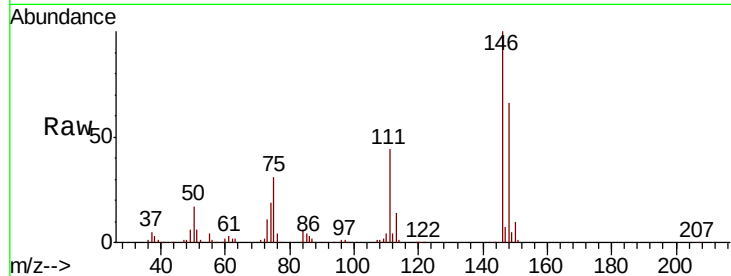




#91
 1,2-Dichlorobenzene
 Concen: 22.346 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

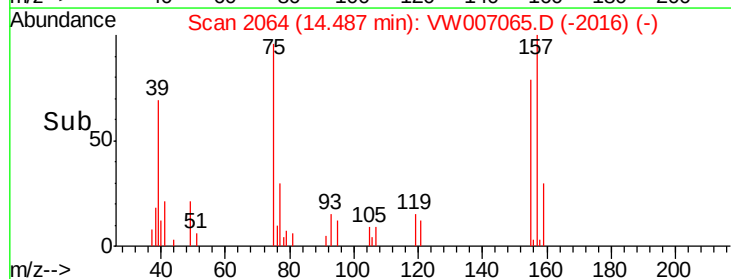
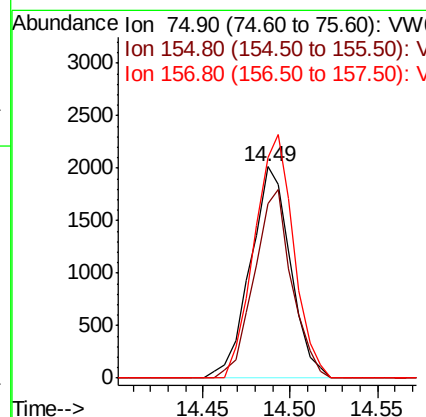
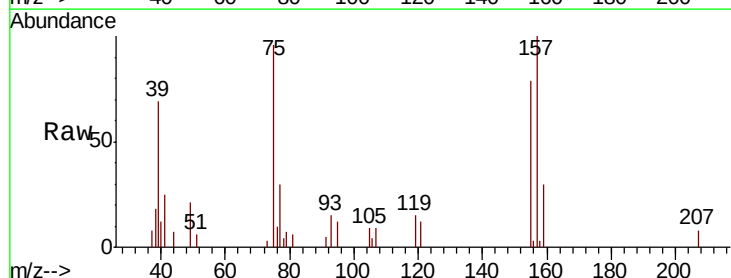
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

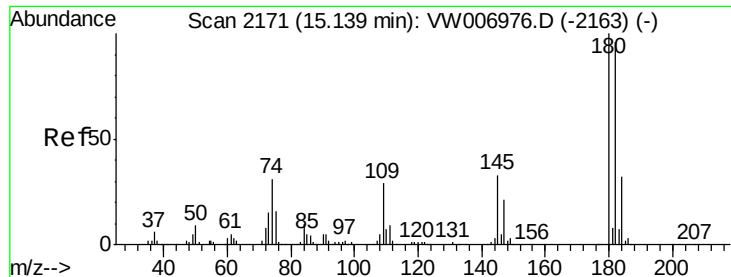
Tot Ion:146 Resp: 52233
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.7
 148 63.9 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.563 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007065.D
 Acq: 27 Nov 2018 00:54

Tgt Ion: 75 Resp: 3222
 Ion Ratio Lower Upper
 75 100
 155 84.0 42.6 127.8
 157 112.9 55.0 165.0

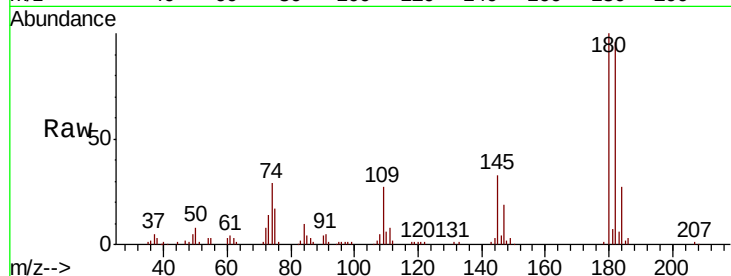




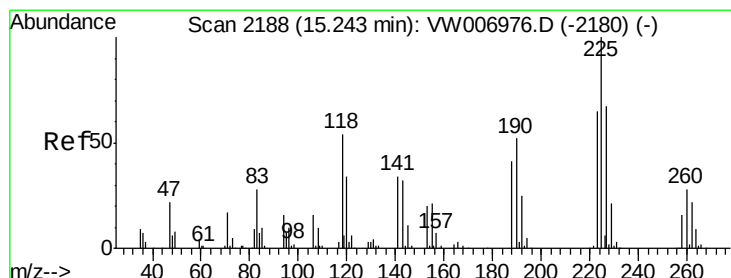
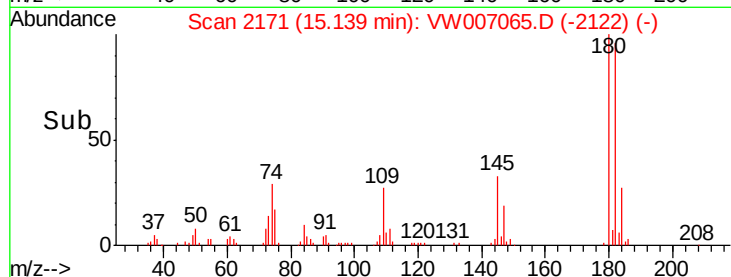
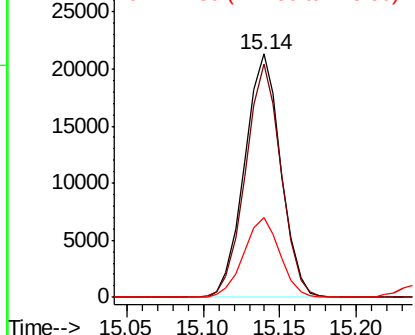
#93
1,2,4-Trichlorobenzene
Concen: 22.824 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Instrument :
MSVOA_W
ClientSampled :
VW1126SBS02

Tot Ion:180 Resp: 35179
Ion Ratio Lower Upper
180 100
182 93.7 47.1 141.3
145 32.5 16.5 49.5

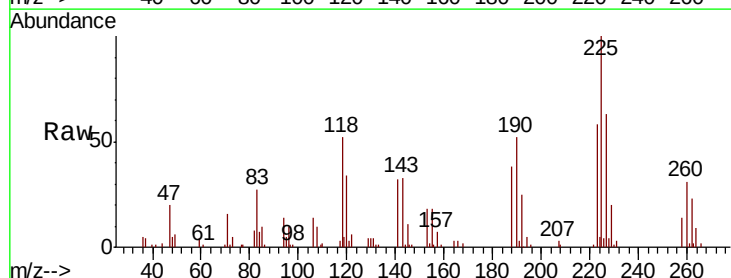


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

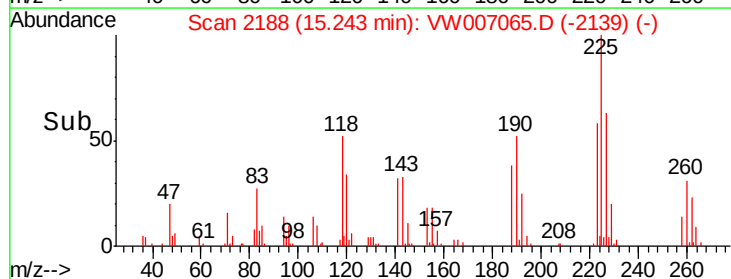
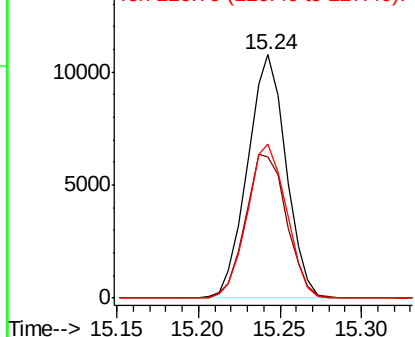


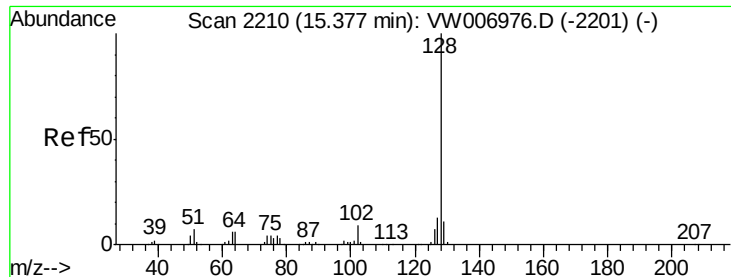
#94
Hexachlorobutadiene
Concen: 21.132 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion:225 Resp: 17707
Ion Ratio Lower Upper
225 100
223 62.7 32.4 97.0
227 64.4 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

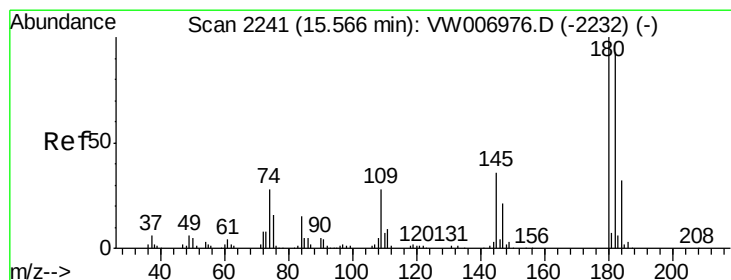
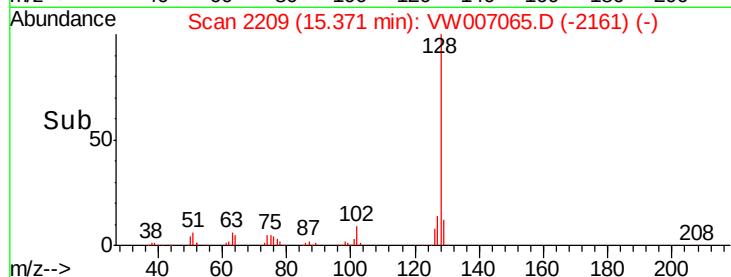
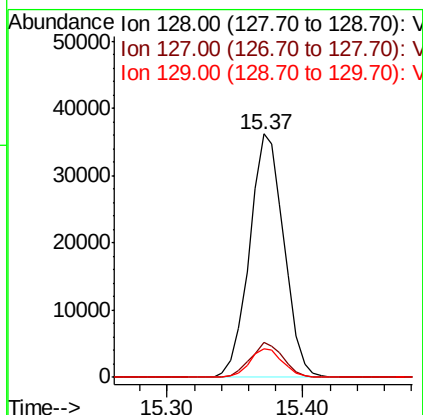
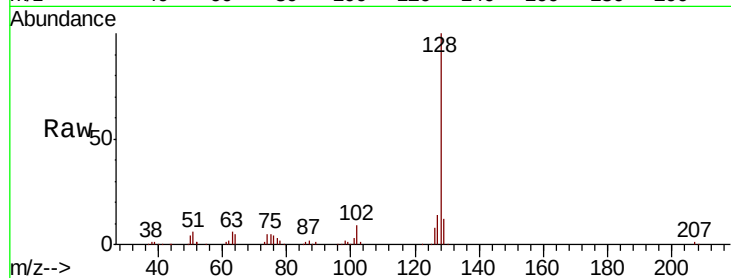




#95
Naphthalene
Concen: 22.929 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

Tot Ion:128 Resp: 64153
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.198 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007065.D
Acq: 27 Nov 2018 00:54

Tgt Ion:180 Resp: 29664
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 35.1 18.0 54.0

