

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007205.D
 Acq On : 05 Dec 2018 01:01
 Operator : SY/AP
 Sample : VW1204SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

Quant Time: Dec 05 07:24:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	172073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77798	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	51593	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	7.88	113	48889	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.33	98	208481	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.62	95	81241	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	22247	19.393	ug/l	96
3) Chloromethane	2.21	50	28434	19.572	ug/l	99
4) Vinyl Chloride	2.35	62	17225	18.937	ug/l	99
5) Bromomethane	2.75	94	10930	23.980	ug/l	99
6) Chloroethane	2.90	64	10422	20.421	ug/l	93
7) Trichlorofluoromethane	3.25	101	32671	18.423	ug/l	97
8) Diethyl Ether	3.68	74	10409	21.057	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19652	18.344	ug/l	97
10) Methyl Iodide	4.27	142	16457	18.033	ug/l	99
11) Tert butyl alcohol	5.15	59	13230	133.129	ug/l	96
12) 1,1-Dichloroethene	4.04	96	18688	18.615	ug/l	98
13) Acrolein	3.90	56	6914	101.076	ug/l	99
14) Allyl chloride	4.67	41	31977	19.871	ug/l	99
15) Acrylonitrile	5.37	53	22152	107.195	ug/l	98
16) Acetone	4.12	43	19152	82.870	ug/l	100
17) Carbon Disulfide	4.37	76	61178	18.487	ug/l	98
18) Methyl Acetate	4.67	43	11644	22.073	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	50281	21.272	ug/l	95
20) Methylene Chloride	4.92	84	28193	21.222	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	22164	19.772	ug/l	95
22) Diisopropyl ether	6.32	45	60755	21.031	ug/l	99
23) Vinyl Acetate	6.26	43	160689	101.942	ug/l	100
24) 1,1-Dichloroethane	6.22	63	37971	20.508	ug/l	98
25) 2-Butanone	7.17	43	25593	95.532	ug/l	92
26) 2,2-Dichloropropane	7.16	77	31463	17.683	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	24594	20.466	ug/l	99
28) Bromochloromethane	7.51	49	14894	22.308	ug/l	100
29) Tetrahydrofuran	7.53	42	17359	104.856	ug/l	98
30) Chloroform	7.68	83	40181	20.881	ug/l	98
31) Cyclohexane	7.95	56	35012	18.073	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	35438	19.569	ug/l	99
36) 1,1-Dichloropropene	8.08	75	29795	17.795	ug/l	98
37) Ethyl Acetate	7.26	43	11057	18.257	ug/l	97
38) Carbon Tetrachloride	8.07	117	30116	17.623	ug/l	99

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Quant Time: Dec 05 07:24:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38509	17.181	ug/l	96
40) Benzene	8.32	78	87590	19.078	ug/l	100
41) Methacrylonitrile	7.49	41	6786	18.706	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	25959	20.231	ug/l	100
43) Isopropyl Acetate	8.43	43	23024	19.574	ug/l	99
44) Trichloroethene	9.09	130	24667	19.114	ug/l	96
45) 1,2-Dichloropropane	9.37	63	21155	19.801	ug/l	97
46) Dibromomethane	9.46	93	10946	19.717	ug/l	97
47) Bromodichloromethane	9.65	83	28625	19.602	ug/l	99
48) Methyl methacrylate	9.44	41	11594	18.991	ug/l	93
49) 1,4-Dioxane	9.45	88	4322	445.649	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	56516	97.497	ug/l	98
52) Toluene	10.39	92	63103	19.759	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	27881	18.990	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	34003	19.762	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	16298	20.639	ug/l	90
56) Ethyl methacrylate	10.65	69	20750	20.144	ug/l	98
57) 1,3-Dichloropropane	10.93	76	26457	19.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	46815	113.148	ug/l	99
59) 2-Hexanone	10.97	43	36688	87.309	ug/l	100
60) Dibromochloromethane	11.13	129	18405	18.963	ug/l	98
61) 1,2-Dibromoethane	11.23	107	15059	19.882	ug/l	99
64) Tetrachloroethene	10.87	164	22928	20.255	ug/l	98
65) Chlorobenzene	11.66	112	66476	19.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	20379	19.070	ug/l	99
67) Ethyl Benzene	11.73	91	120937	19.176	ug/l	96
68) m/p-Xylenes	11.84	106	92445	37.365	ug/l	96
69) o-Xylene	12.17	106	45234	19.569	ug/l	98
70) Styrene	12.18	104	72126	19.061	ug/l	99
71) Bromoform	12.35	173	10482	19.594	ug/l #	99
73) Isopropylbenzene	12.47	105	119547	18.893	ug/l	100
74) N-amyl acetate	12.27	43	21121	18.827	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	16935	20.608	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	22857	19.550	ug/l #	100
77) Bromobenzene	12.75	156	26586	19.465	ug/l	97
78) n-propylbenzene	12.81	91	138406	18.360	ug/l	100
79) 2-Chlorotoluene	12.90	91	84874	19.937	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	106572	19.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5094	18.226	ug/l	93
82) 4-Chlorotoluene	12.99	91	86675	19.139	ug/l	98
83) tert-Butylbenzene	13.21	119	89539	18.928	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	104631	18.936	ug/l	97
85) sec-Butylbenzene	13.39	105	123493	18.286	ug/l	99
86) p-Isopropyltoluene	13.51	119	111330	18.519	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	54214	19.336	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	55774	19.693	ug/l	97
89) n-Butylbenzene	13.83	91	100372	17.867	ug/l	99
90) Hexachloroethane	14.10	117	16853	18.396	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	47806	19.695	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2951	18.537	ug/l	95

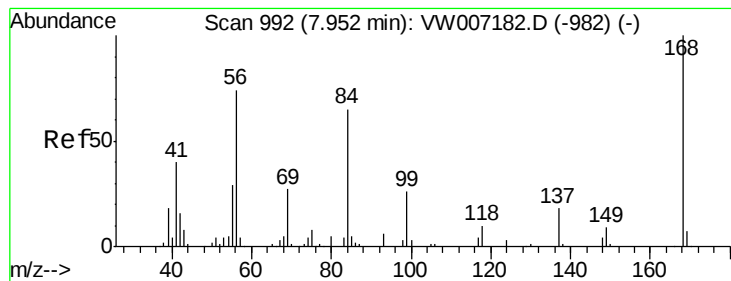
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30740	18.274	ug/l	96
94) Hexachlorobutadiene	15.24	225	16493	18.182	ug/l	98
95) Naphthalene	15.38	128	55154	18.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	25752	18.155	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: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

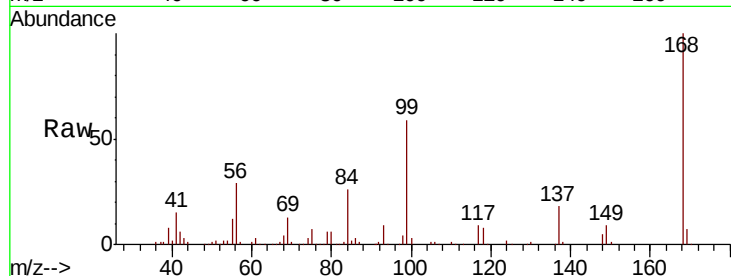
VW1204SBS02

Tot Ion:168 Resp: 104854

Ion Ratio Lower Upper

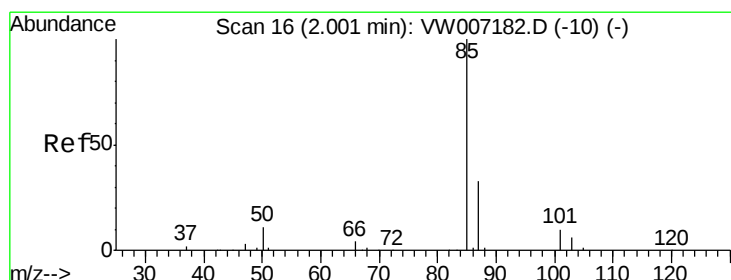
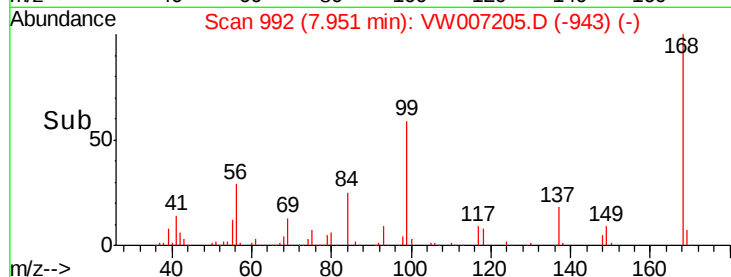
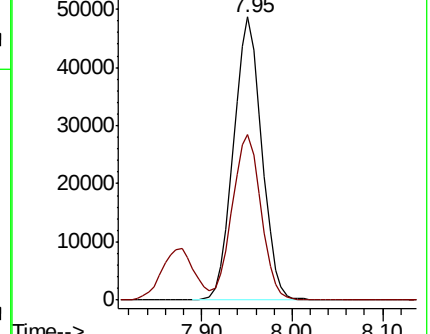
168 100

99 58.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.393 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW007205.D

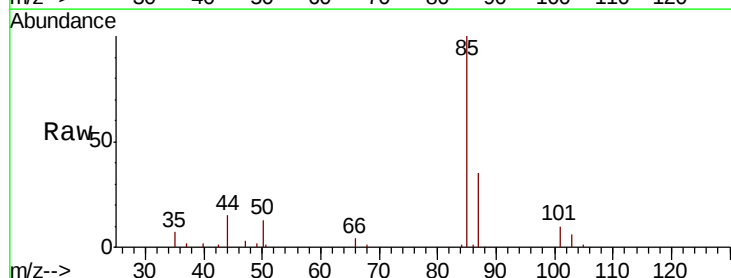
Acq: 05 Dec 2018 01:01

Tgt Ion: 85 Resp: 22247

Ion Ratio Lower Upper

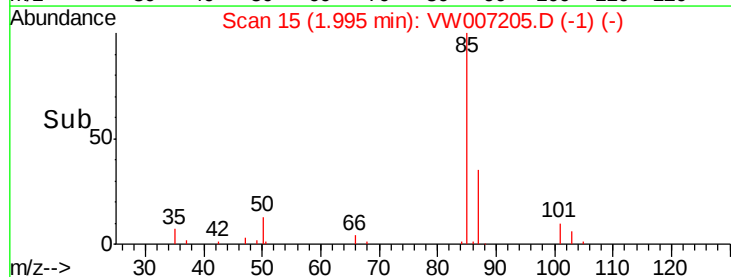
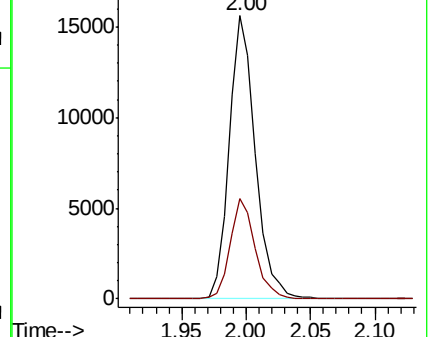
85 100

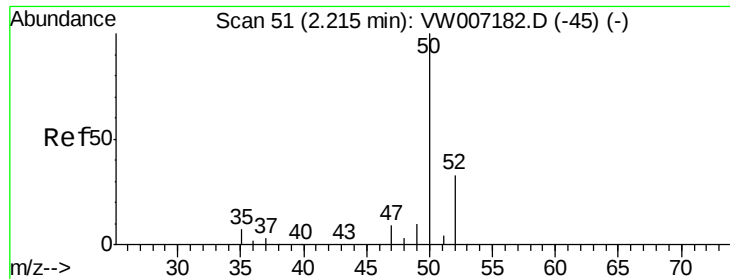
87 35.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.572 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

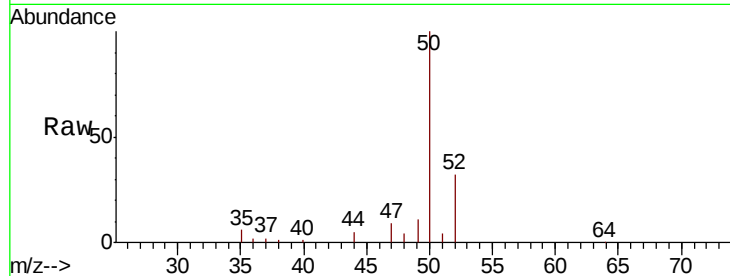
VW1204SBS02

Tot Ion: 50 Resp: 28434

Ion Ratio Lower Upper

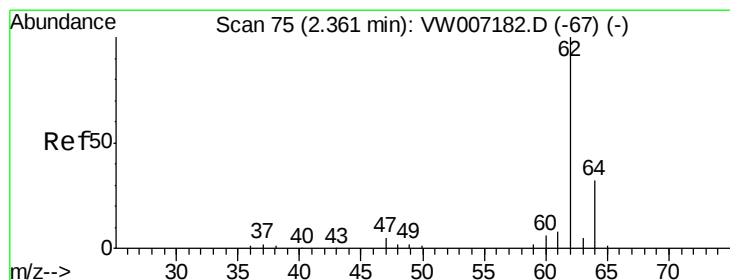
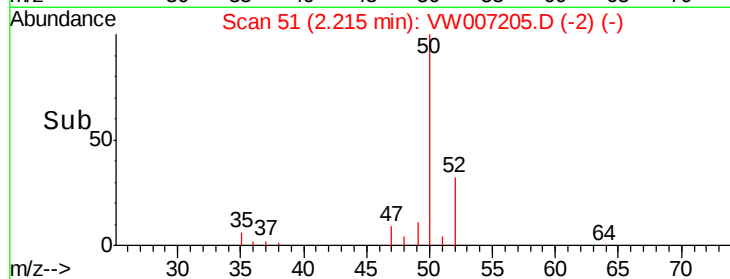
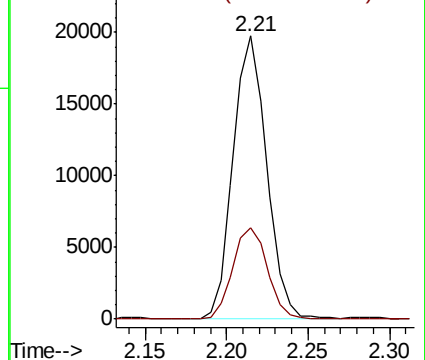
50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 18.937 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007205.D

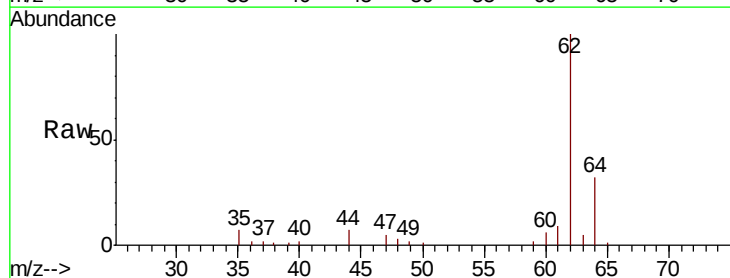
Acq: 05 Dec 2018 01:01

Tgt Ion: 62 Resp: 17225

Ion Ratio Lower Upper

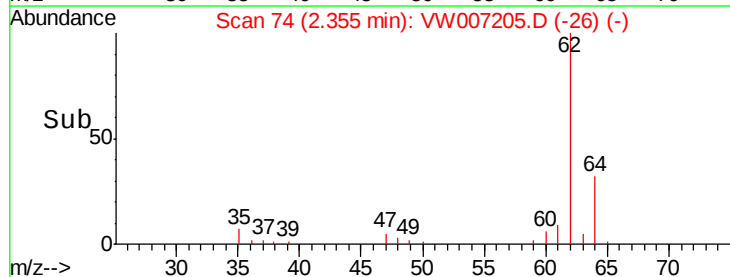
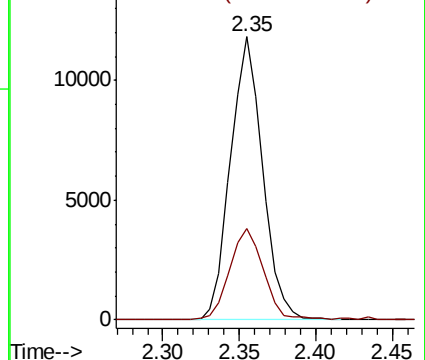
62 100

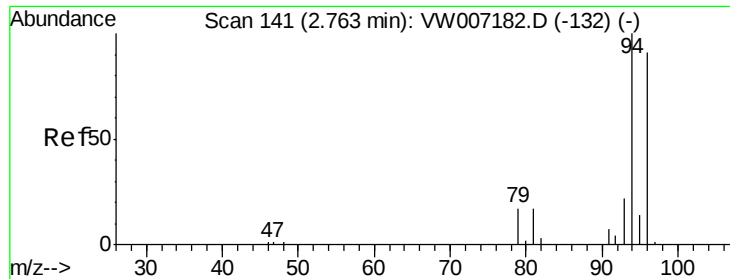
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.980 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

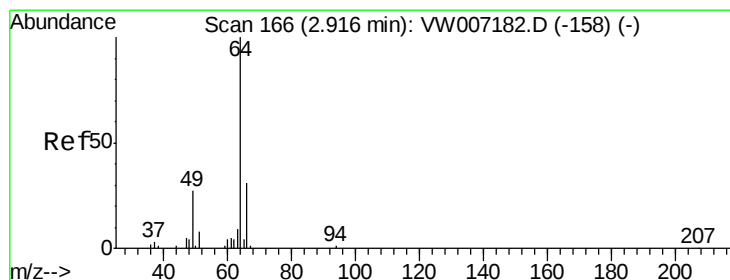
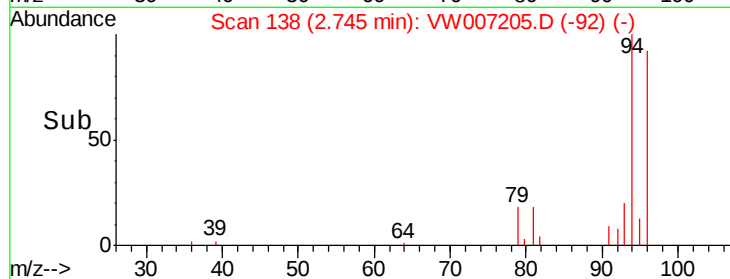
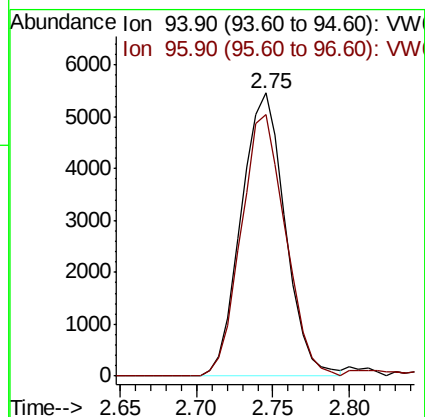
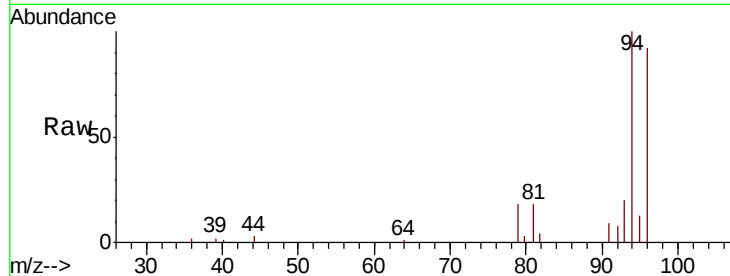
VW1204SBS02

Tot Ion: 94 Resp: 10930

Ion Ratio Lower Upper

94 100

96 92.3 72.8 109.2



#6

Chloroethane

Concen: 20.421 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW007205.D

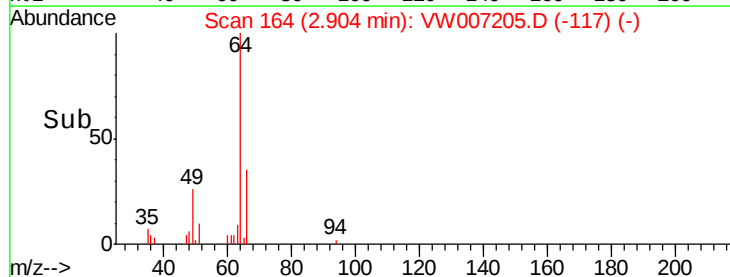
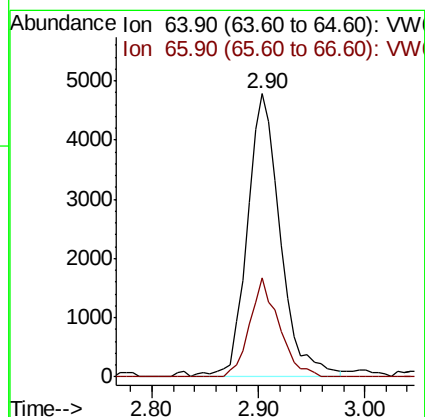
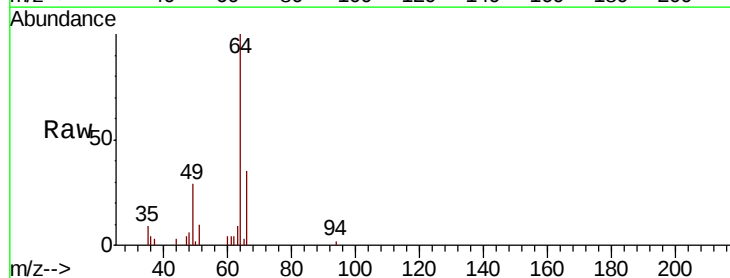
Acq: 05 Dec 2018 01:01

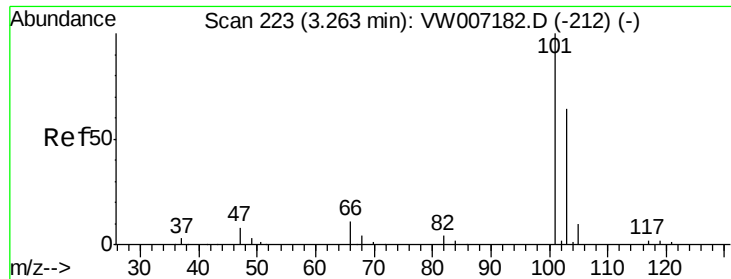
Tgt Ion: 64 Resp: 10422

Ion Ratio Lower Upper

64 100

66 35.1 25.0 37.6



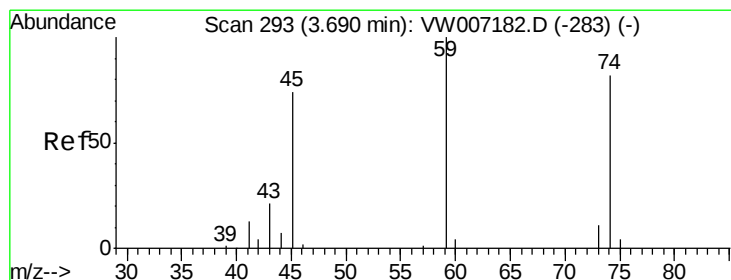
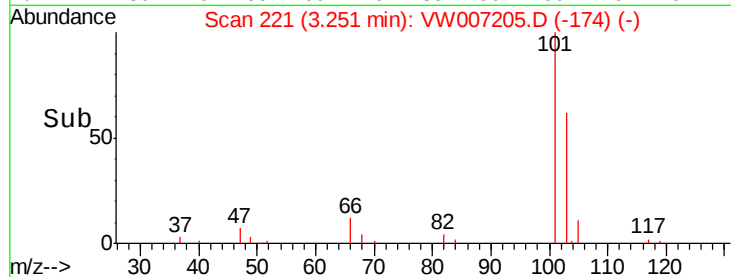
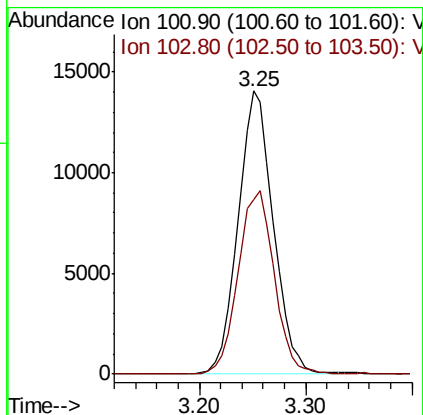
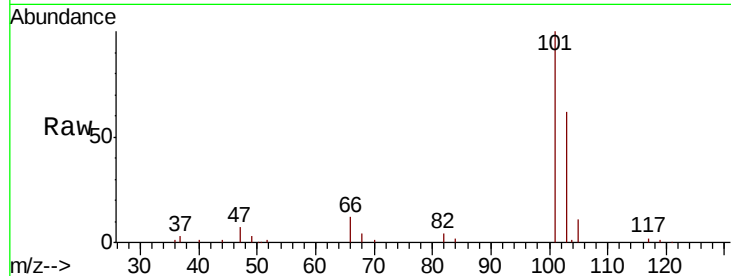


#7

Trichlorofluoromethane
 Concen: 18.423 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

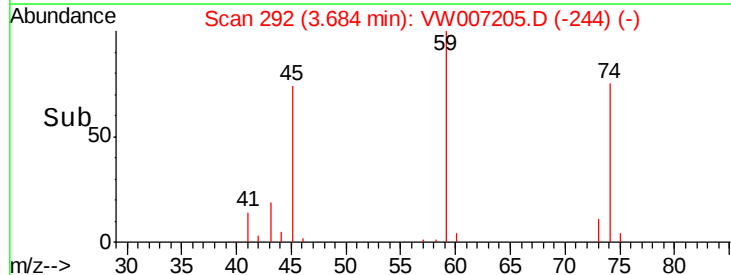
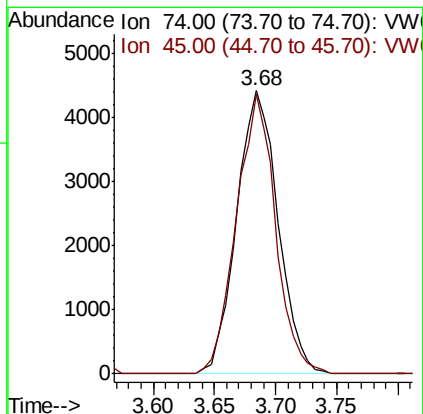
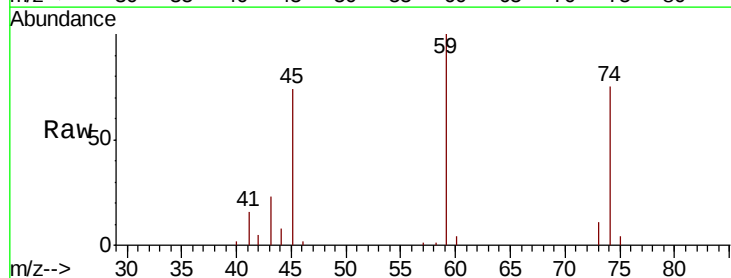
Tot Ion:101 Resp: 32671
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.9 76.3

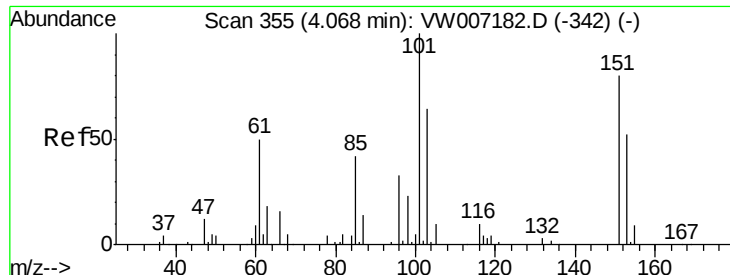


#8

Diethyl Ether
 Concen: 21.057 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion: 74 Resp: 10409
 Ion Ratio Lower Upper
 74 100
 45 93.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.344 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

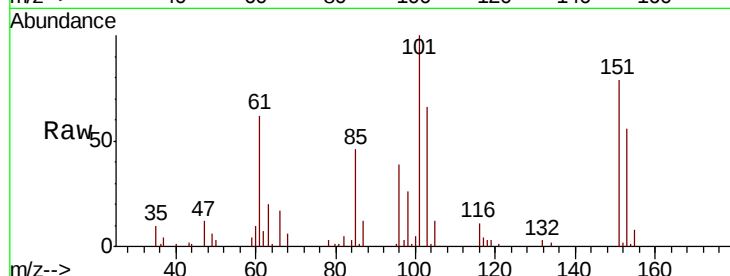
Tot Ion:101 Resp: 19652

Ion Ratio Lower Upper

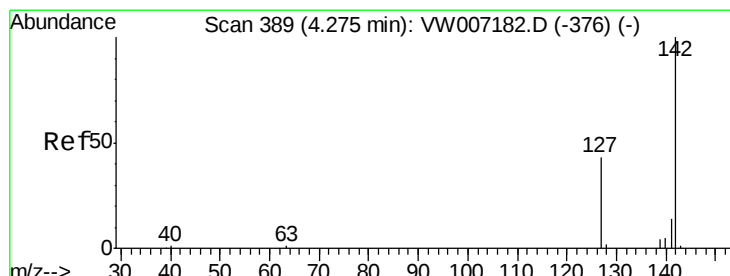
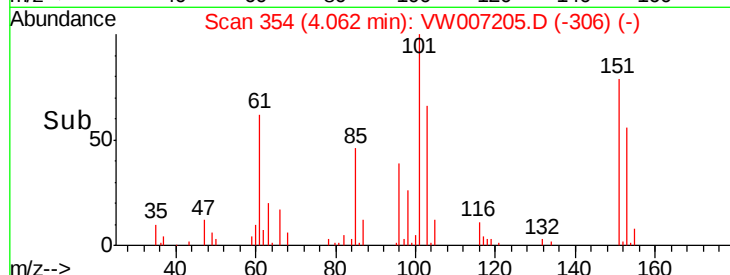
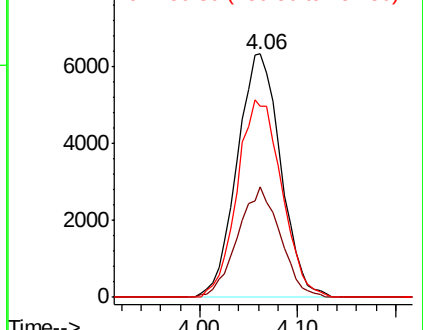
101 100

85 44.0 33.4 50.2

151 82.7 63.9 95.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.033 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

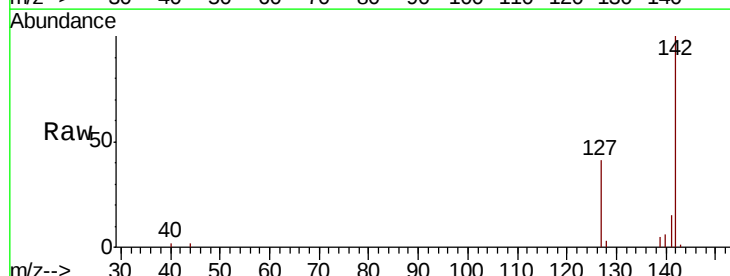
Tgt Ion:142 Resp: 16457

Ion Ratio Lower Upper

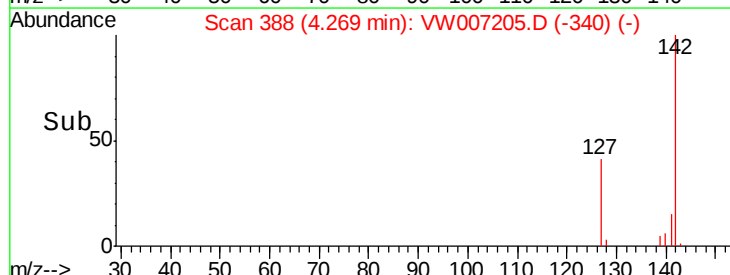
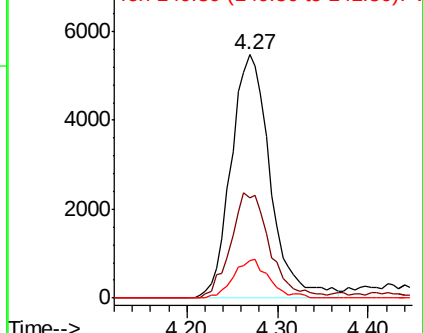
142 100

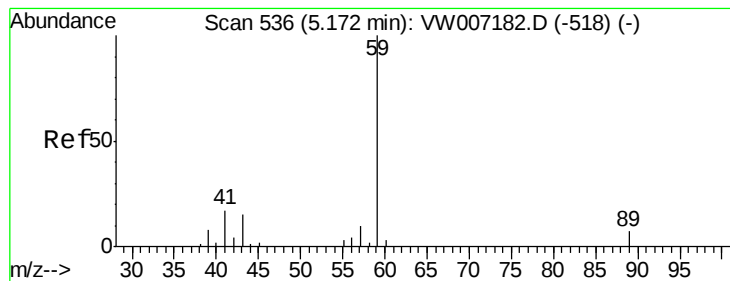
127 43.1 34.9 52.3

141 14.4 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 133.129 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

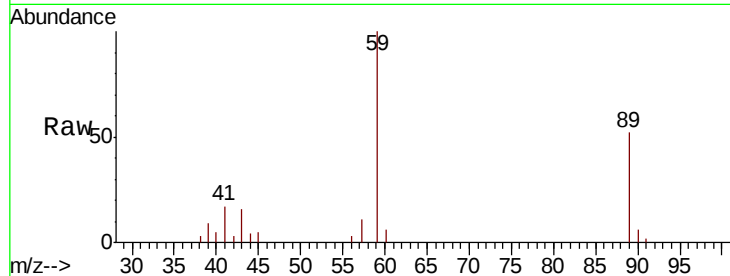
VW1204SBS02

Tot Ion: 59 Resp: 13230

Ion Ratio Lower Upper

59 100

57 7.4 7.1 10.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

3000

2500

2000

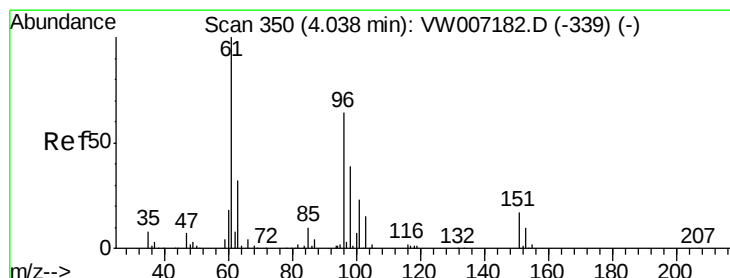
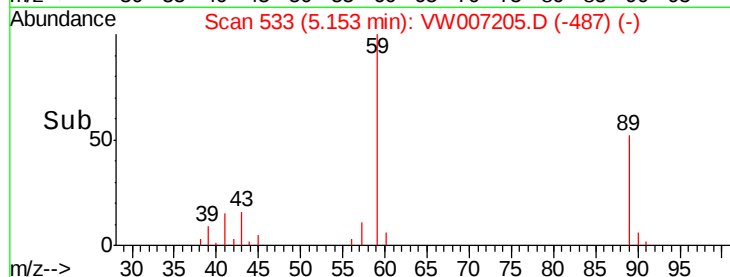
1500

1000

500

0

Time-->



#12

1,1-Dichloroethene

Concen: 18.615 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

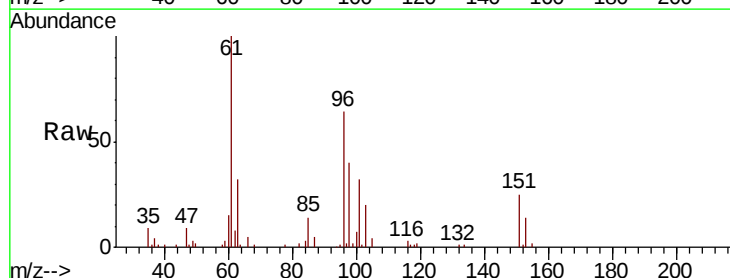
Tgt Ion: 96 Resp: 18688

Ion Ratio Lower Upper

96 100

61 156.9 124.1 186.1

98 63.0 48.6 72.8



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

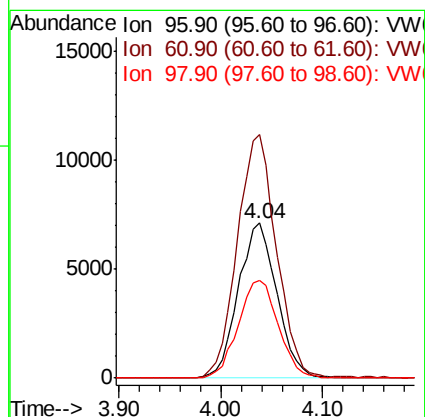
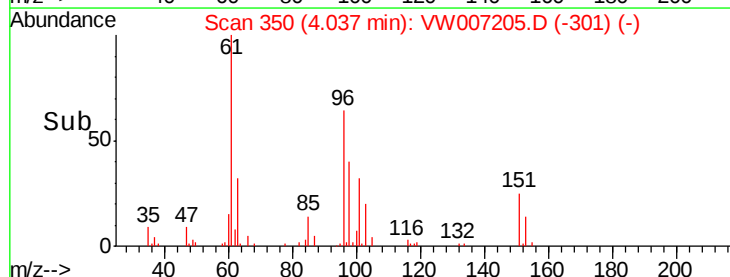
15000

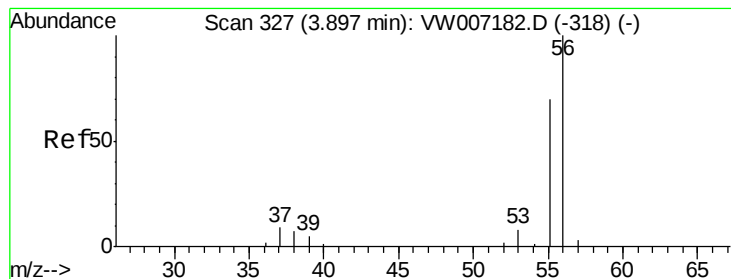
10000

5000

0

Time-->





#13

Acrolein

Concen: 101.076 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

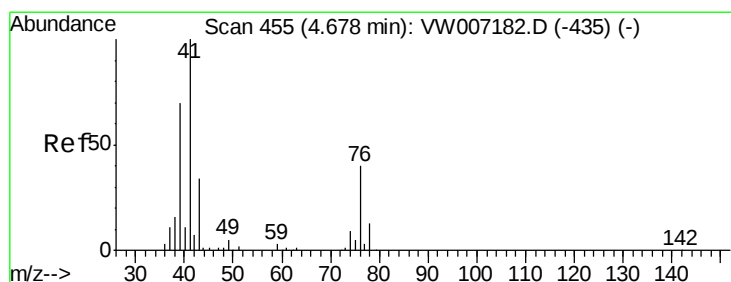
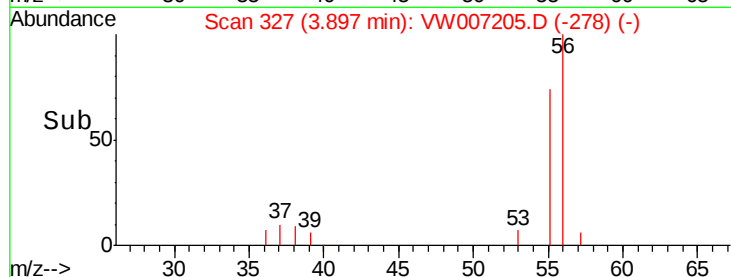
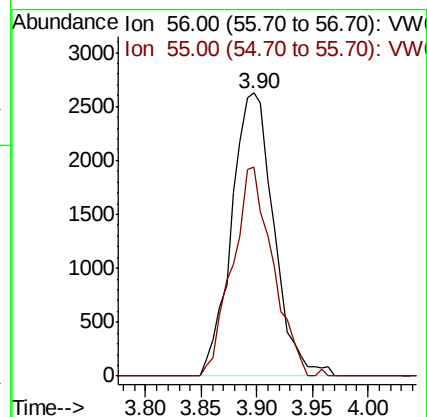
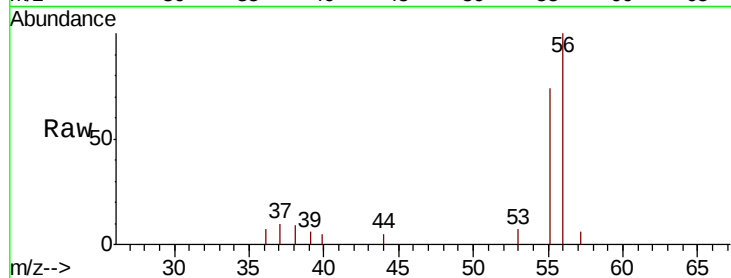
VW1204SBS02

Tot Ion: 56 Resp: 6914

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Allyl chloride

Concen: 19.871 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

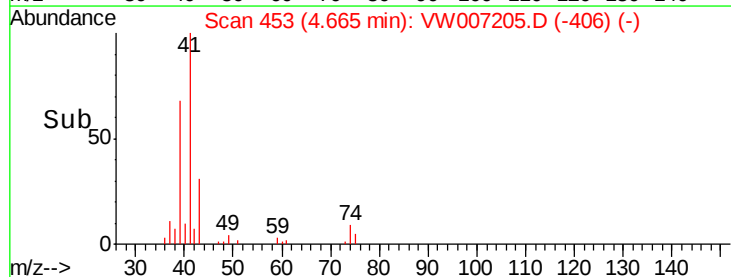
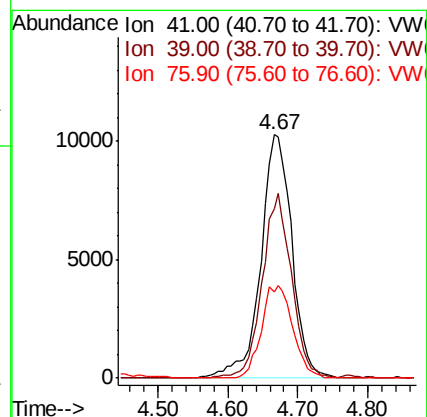
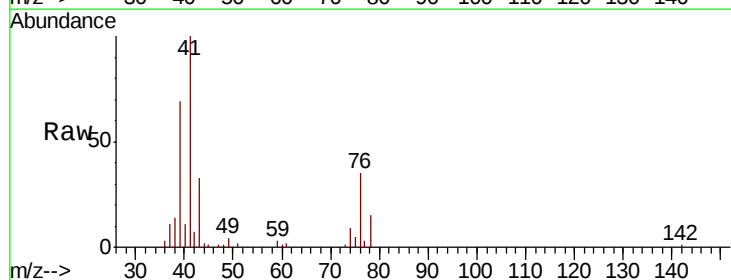
Tgt Ion: 41 Resp: 31977

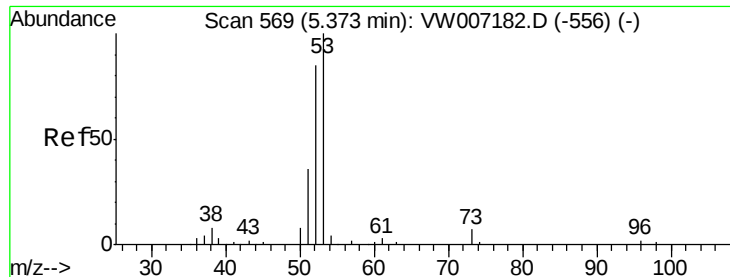
Ion Ratio Lower Upper

41 100

39 71.2 55.9 83.9

76 38.1 30.8 46.2





#15

Acrylonitrile

Concen: 107.195 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

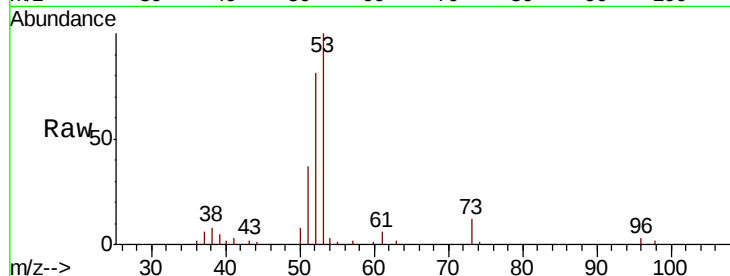
Tot Ion: 53 Resp: 22152

Ion Ratio Lower Upper

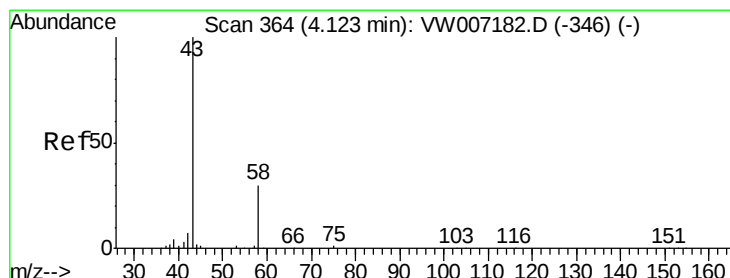
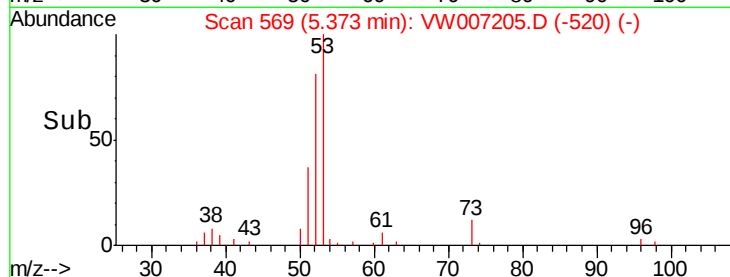
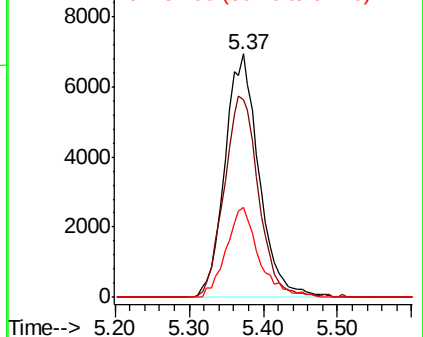
53 100

52 83.1 66.1 99.1

51 35.5 30.3 45.5



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



#16

Acetone

Concen: 82.870 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007205.D

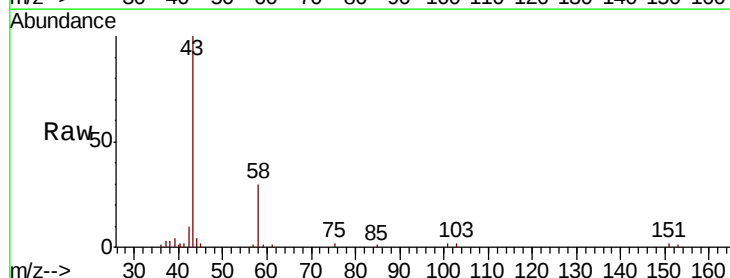
Acq: 05 Dec 2018 01:01

Tgt Ion: 43 Resp: 19152

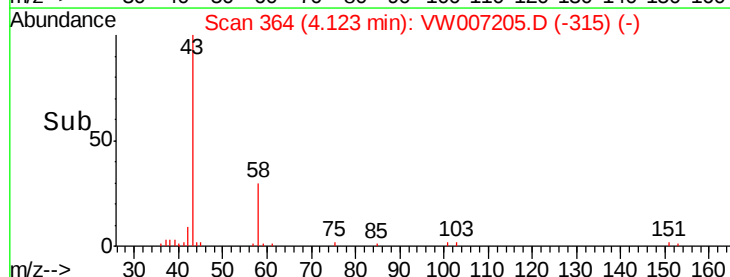
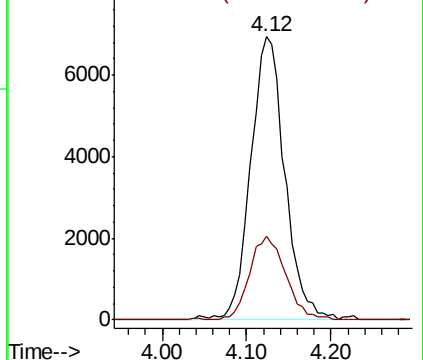
Ion Ratio Lower Upper

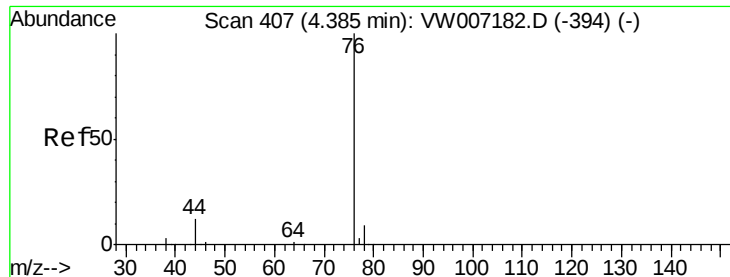
43 100

58 29.8 23.8 35.8



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

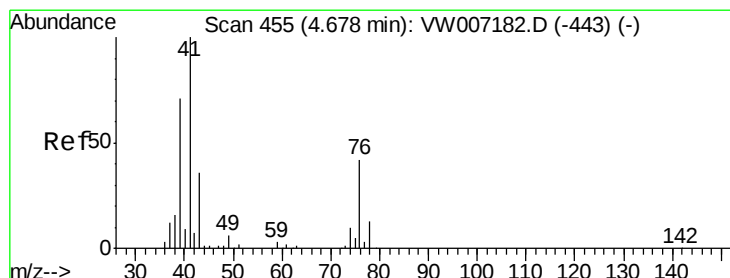
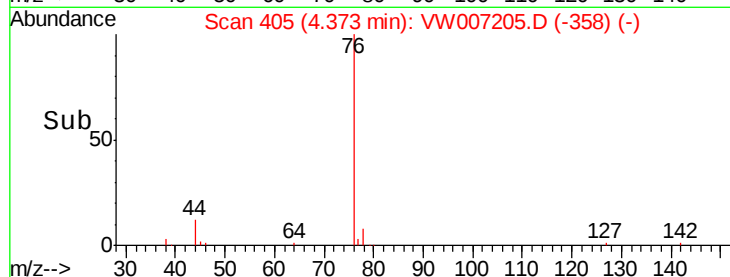
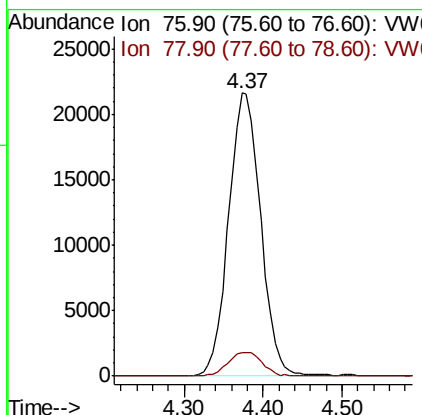
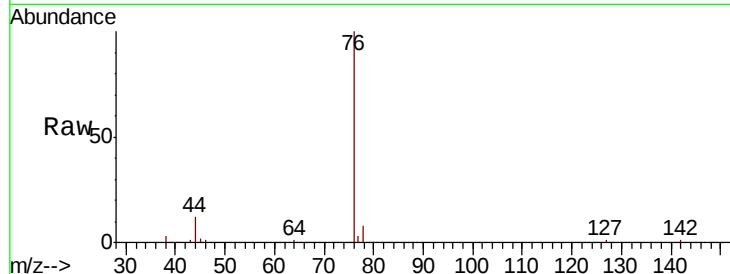




#17
Carbon Disulfide
Concen: 18.487 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

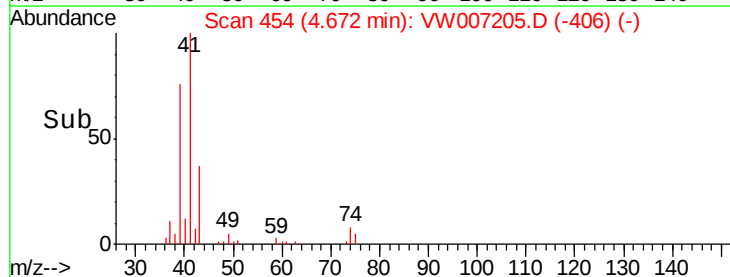
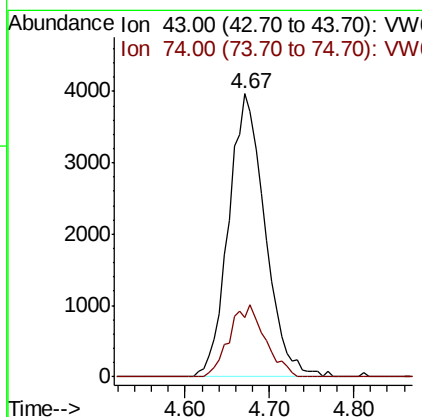
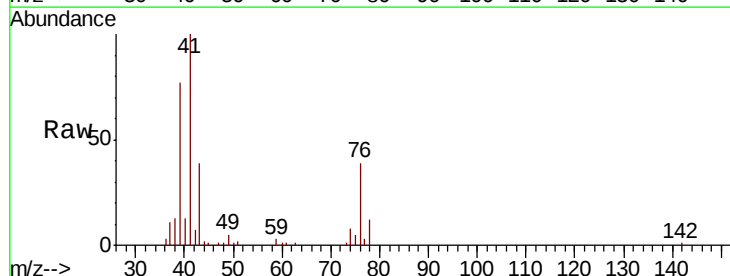
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tot Ion: 76 Resp: 61178
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 22.073 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 43 Resp: 11644
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1

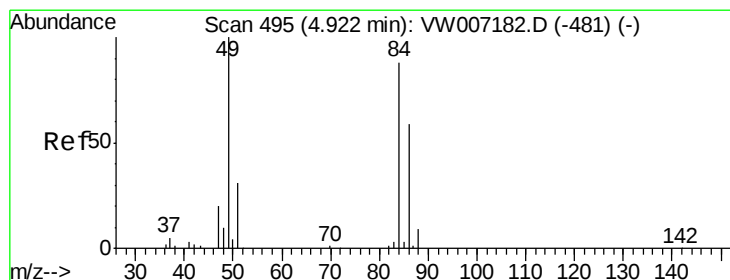
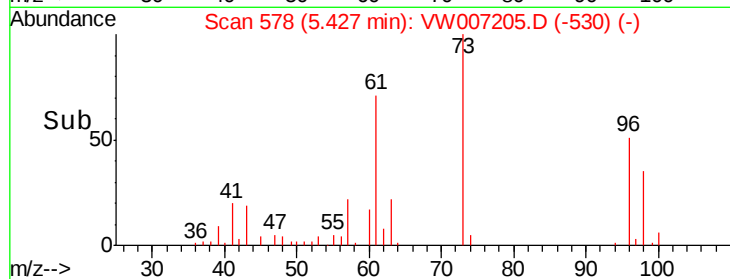
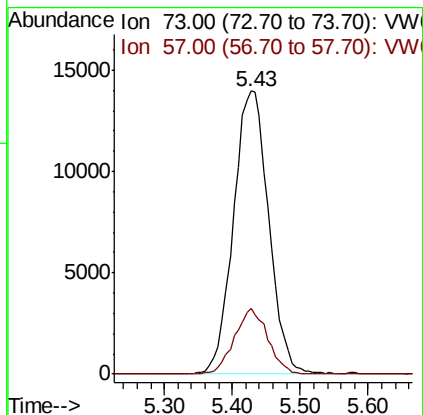
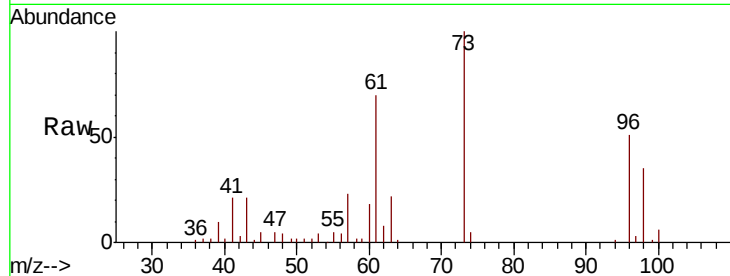




#19
Methyl tert-butyl Ether
Concen: 21.272 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

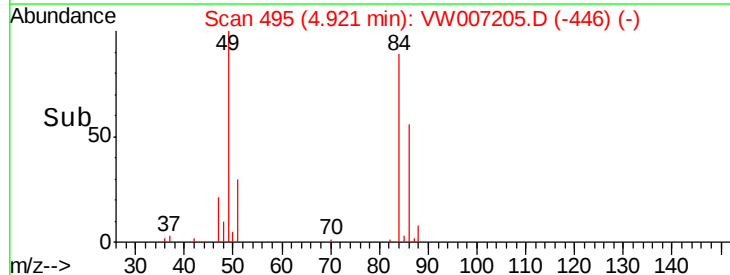
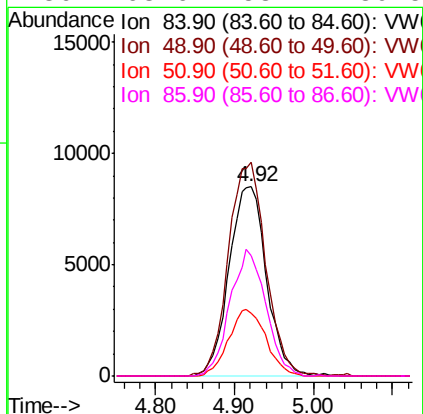
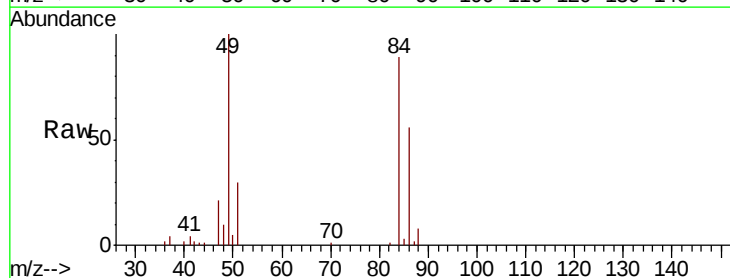
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

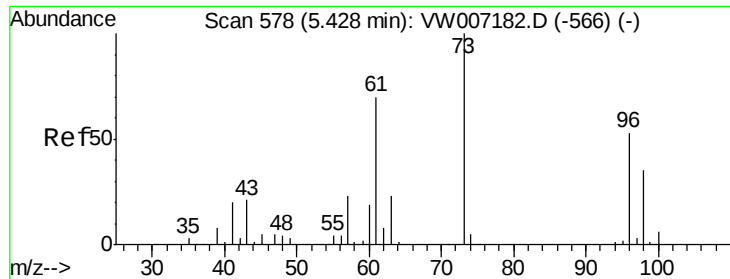
Tot Ion: 73 Resp: 50281
Ion Ratio Lower Upper
73 100
57 23.1 16.6 25.0



#20
Methylene Chloride
Concen: 21.222 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 84 Resp: 28193
Ion Ratio Lower Upper
84 100
49 112.8 90.6 135.8
51 33.3 27.6 41.4
86 63.6 53.7 80.5

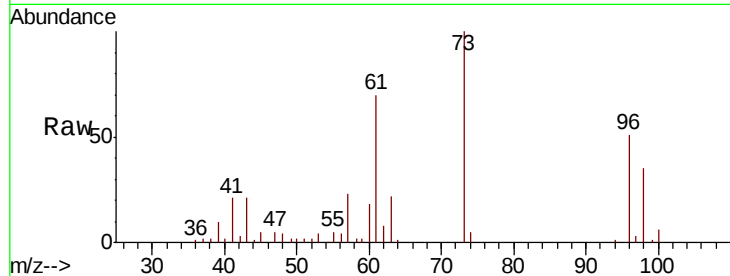




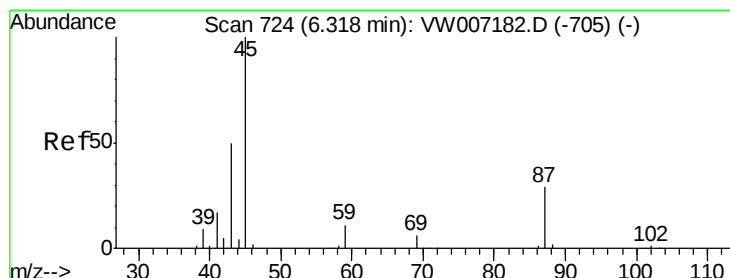
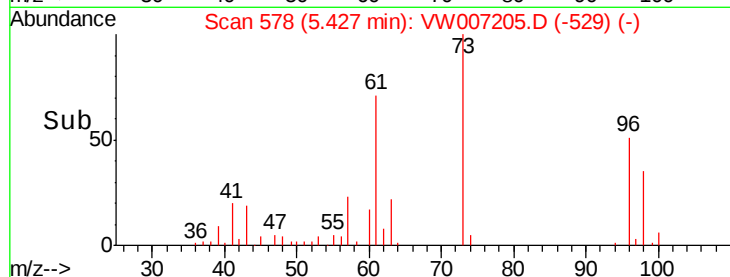
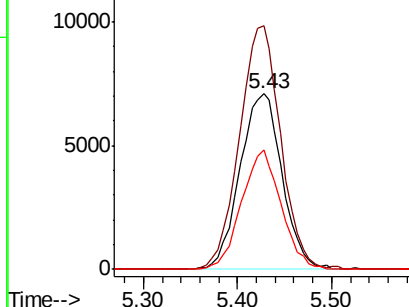
#21
trans-1,2-Dichloroethene
Concen: 19.772 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tot Ion: 96 Resp: 22164
Ion Ratio Lower Upper
96 100
61 138.8 105.5 158.3
98 68.4 52.6 79.0

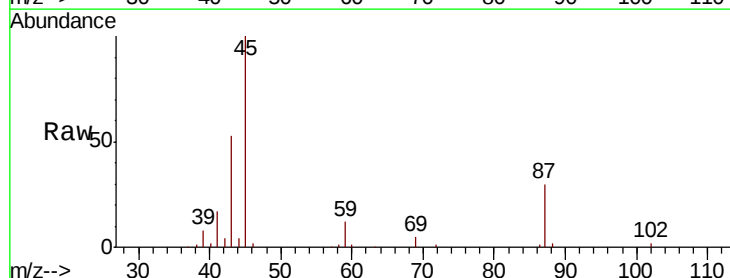


Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

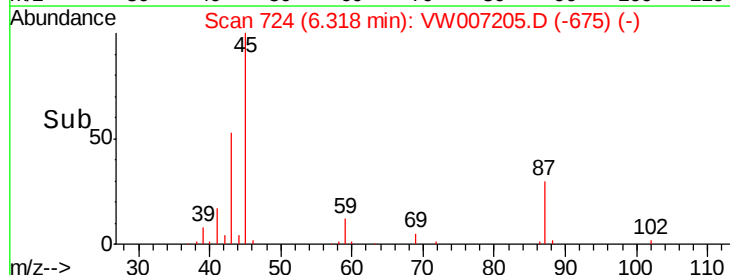
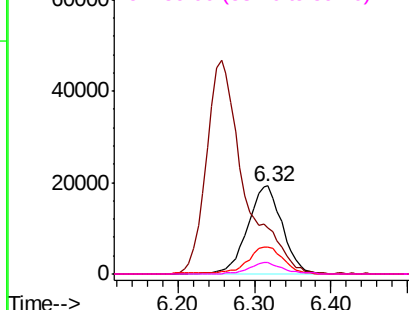


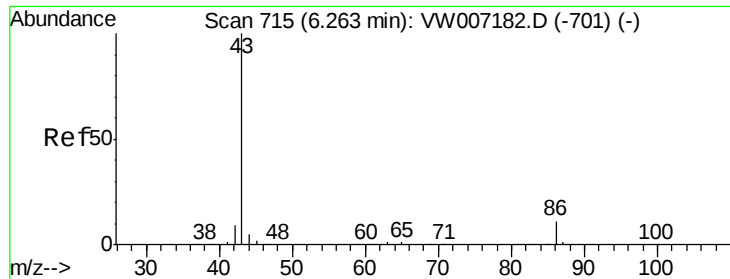
#22
Diisopropyl ether
Concen: 21.031 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 45 Resp: 60755
Ion Ratio Lower Upper
45 100
43 52.0 40.8 61.2
87 29.8 24.0 36.0
59 12.4 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: 101.942 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

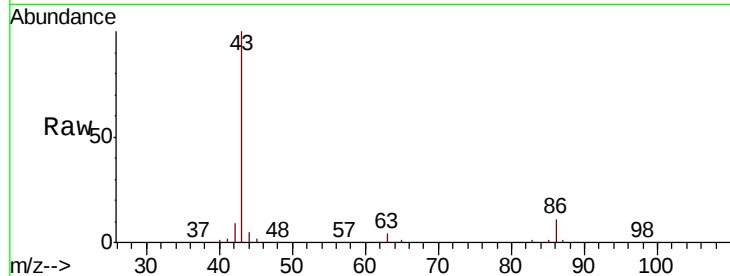
VW1204SBS02

Tot Ion: 43 Resp: 160689

Ion Ratio Lower Upper

43 100

86 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

50000

40000

30000

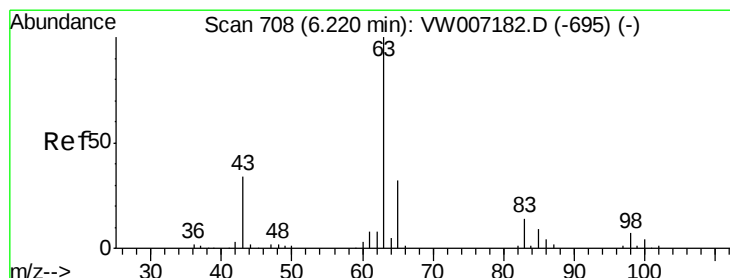
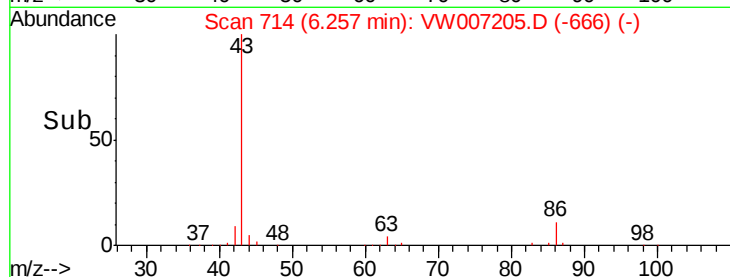
20000

10000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 20.508 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

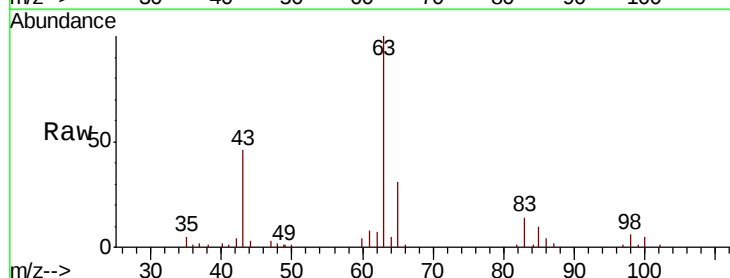
Tgt Ion: 63 Resp: 37971

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

100 4.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

15000

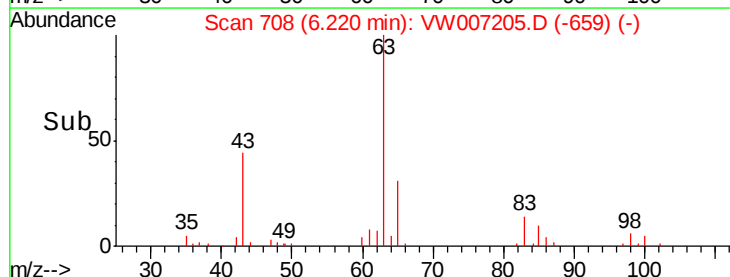
10000

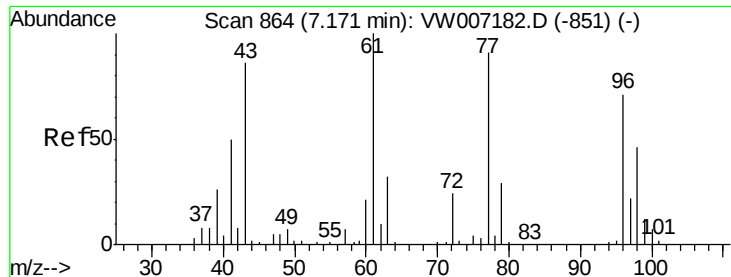
5000

0

6.10 6.20 6.30

Time-->

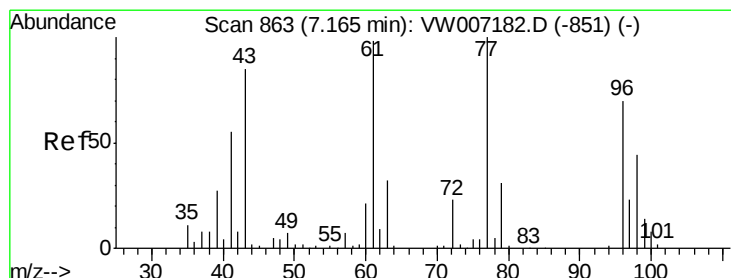
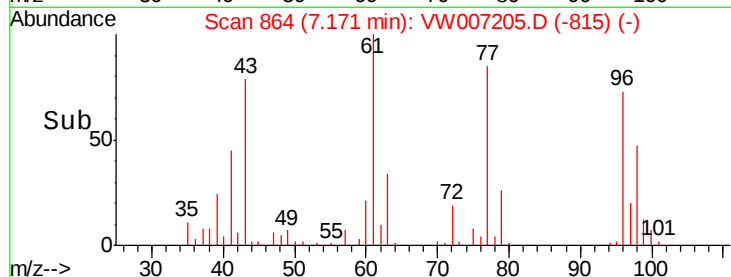
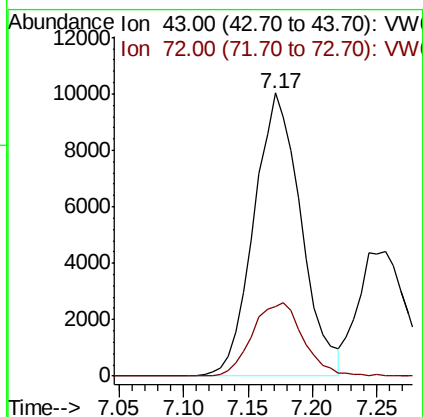
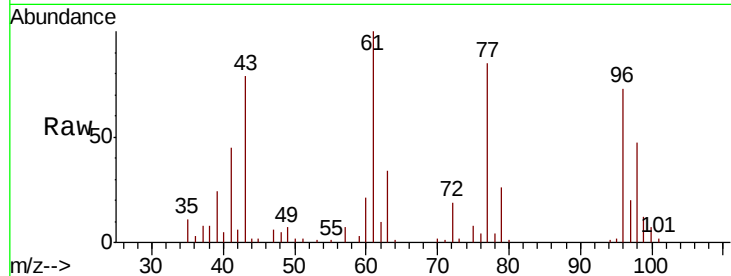




#25
2-Butanone
Concen: 95.532 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

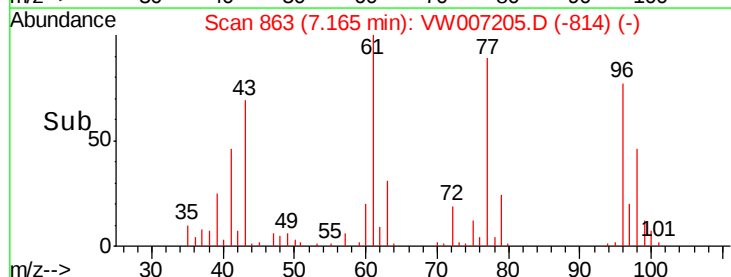
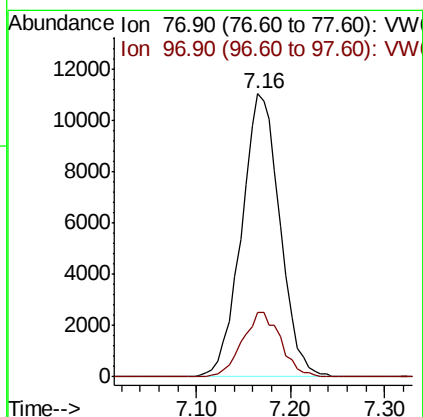
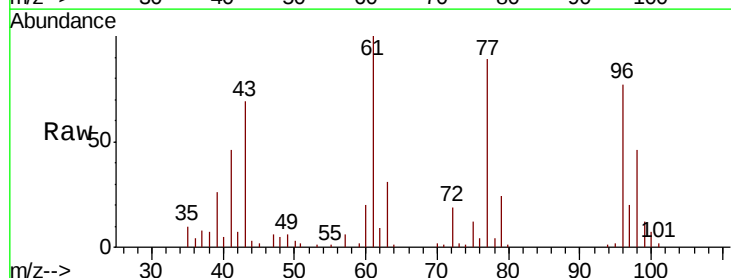
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

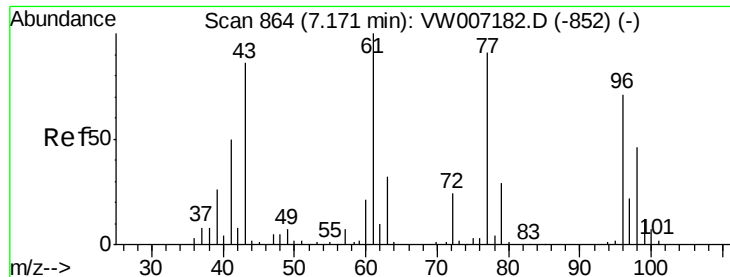
Tot Ion: 43 Resp: 25593
Ion Ratio Lower Upper
43 100
72 24.5 22.8 34.2



#26
2,2-Dichloropropane
Concen: 17.683 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 77 Resp: 31463
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4



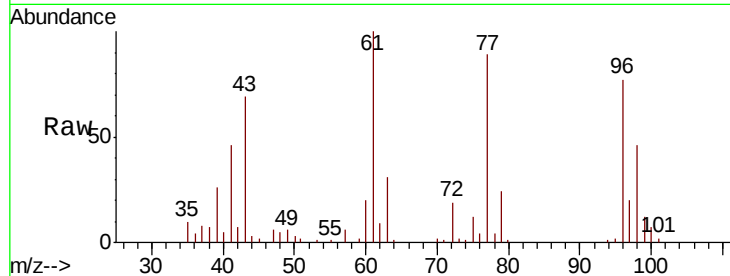


#27

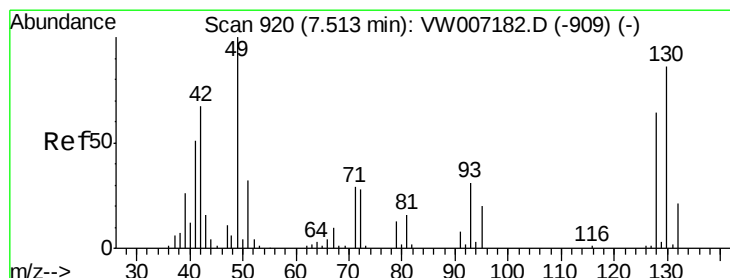
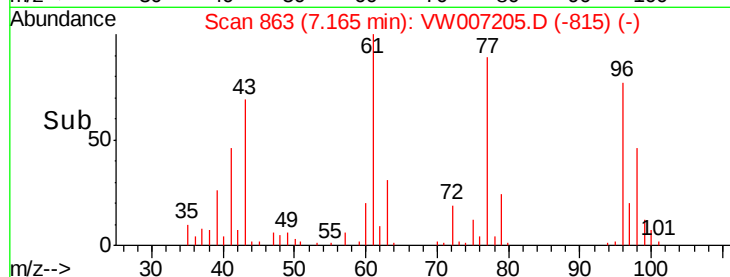
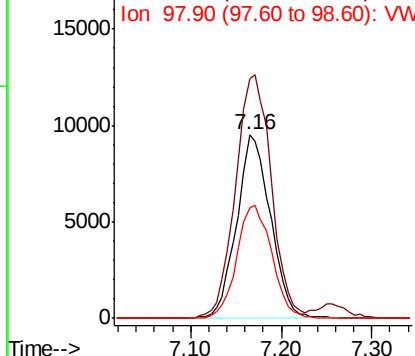
cis-1,2-Dichloroethene
Concen: 20.466 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tot Ion: 96 Resp: 24594
Ion Ratio Lower Upper
96 100
61 140.4 0.0 282.4
98 63.6 0.0 129.8



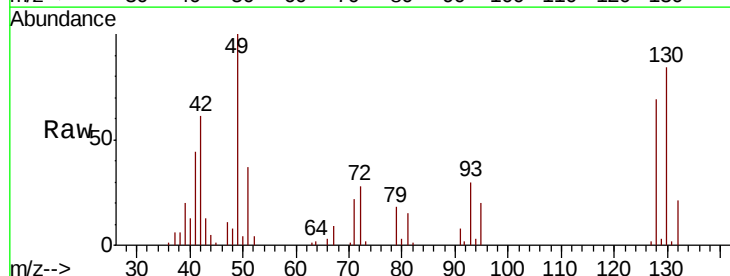
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



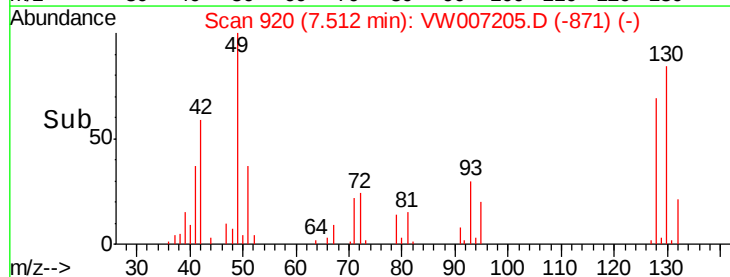
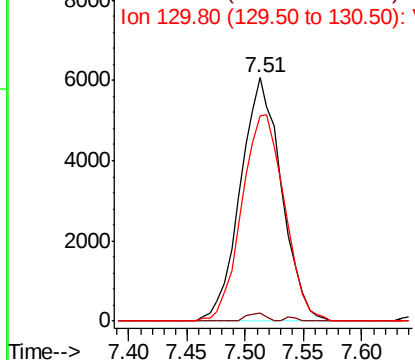
#28

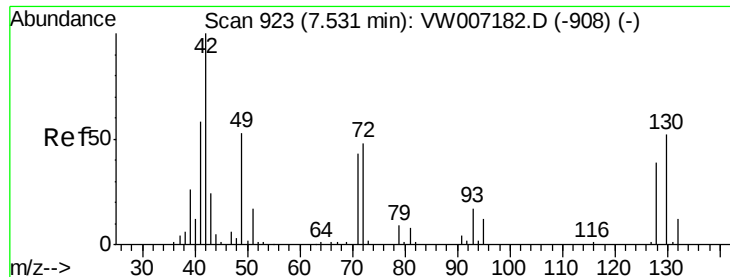
Bromochloromethane
Concen: 22.308 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 49 Resp: 14894
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 88.0 70.3 105.5



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

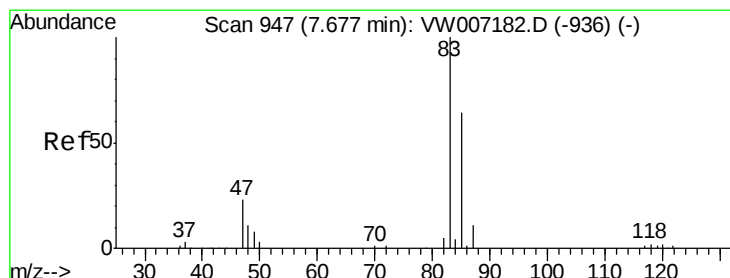
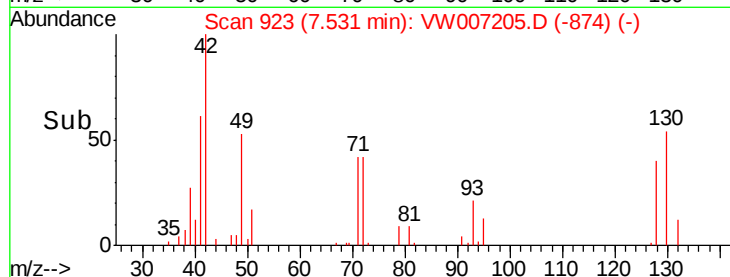
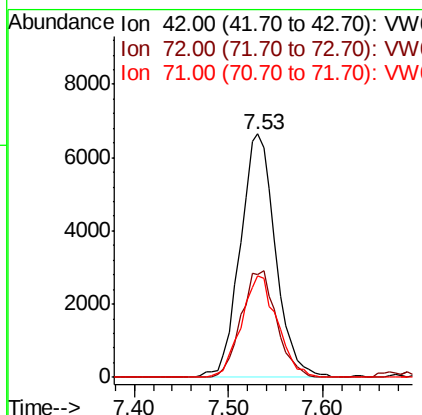
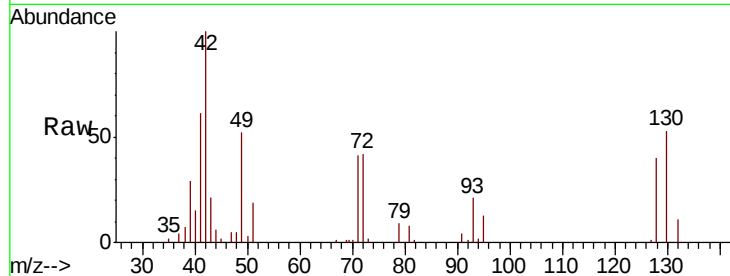




#29
Tetrahydrofuran
Concen: 104.856 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

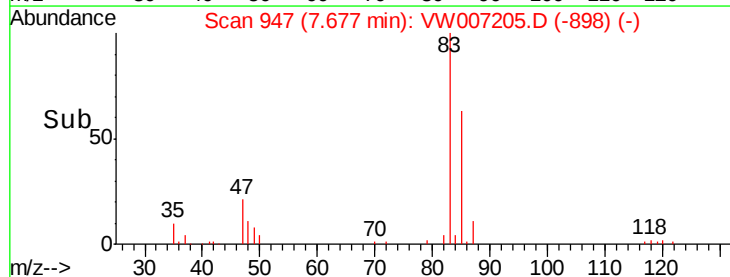
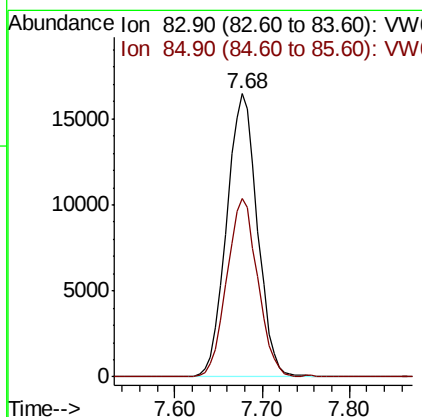
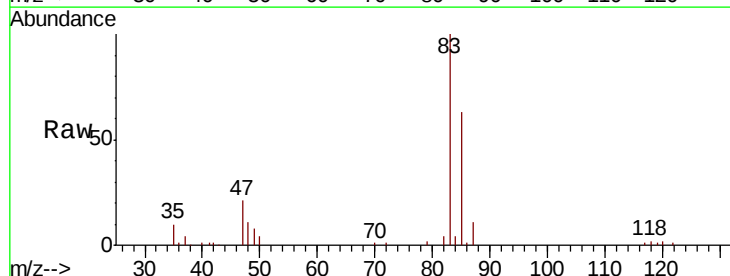
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

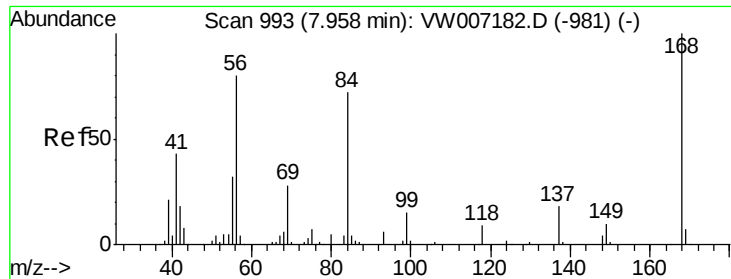
Tot Ion: 42 Resp: 17359
Ion Ratio Lower Upper
42 100
72 43.8 36.6 55.0
71 42.8 34.8 52.2



#30
Chloroform
Concen: 20.881 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 83 Resp: 40181
Ion Ratio Lower Upper
83 100
85 63.0 51.5 77.3

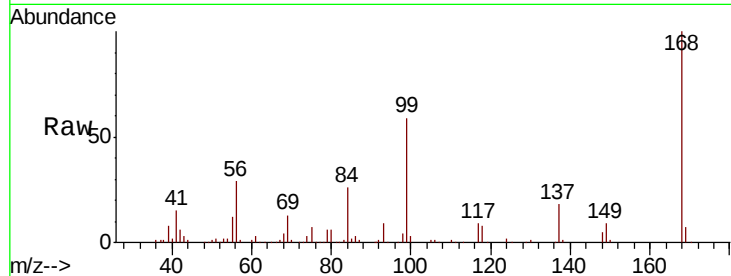




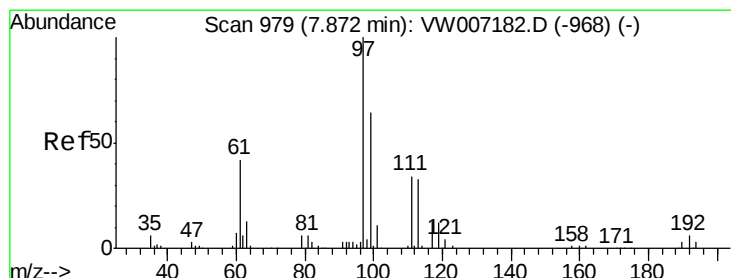
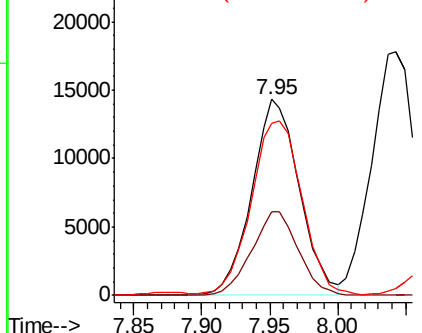
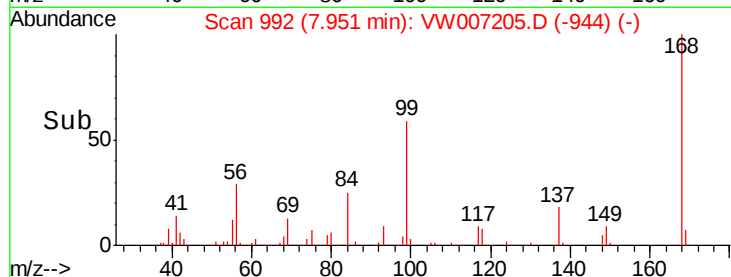
#31
Cyclohexane
Concen: 18.073 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tot Ion: 56 Resp: 35012
Ion Ratio Lower Upper
56 100
69 42.9 28.2 42.2#
84 86.3 72.1 108.1

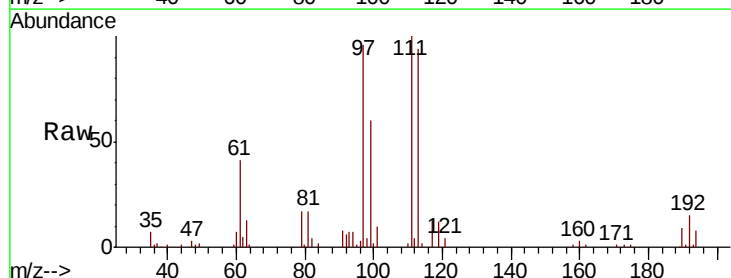


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

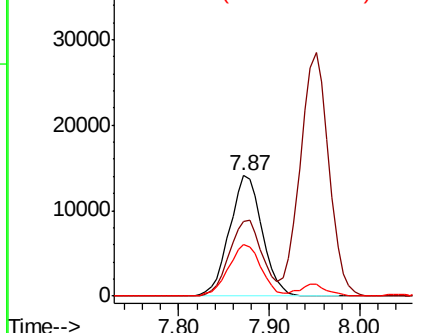
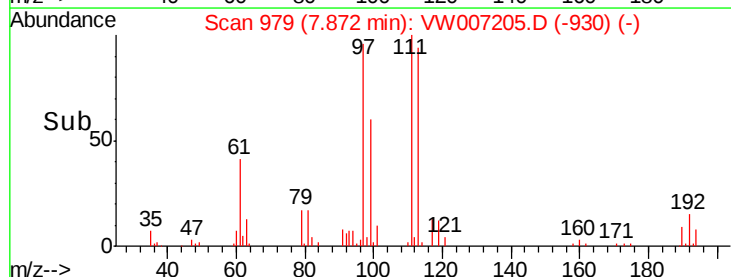


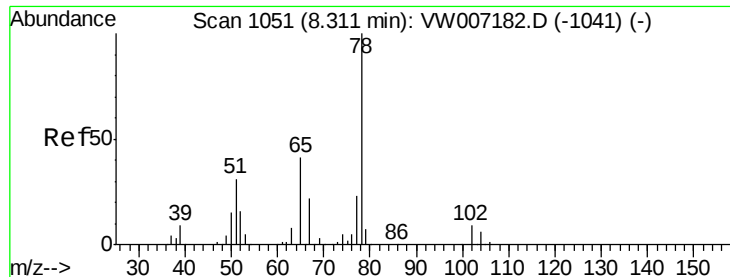
#32
1,1,1-Trichloroethane
Concen: 19.569 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 97 Resp: 35438
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 42.2 33.2 49.8



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

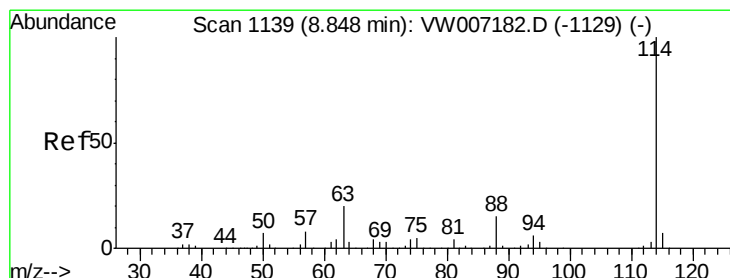
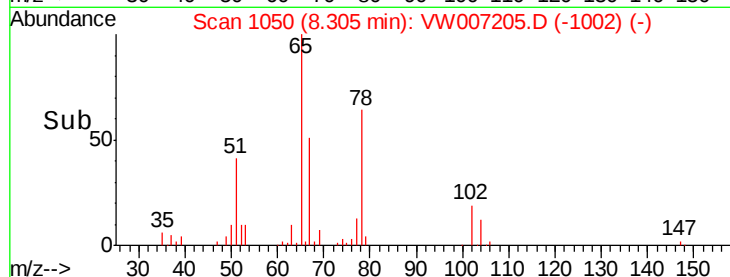
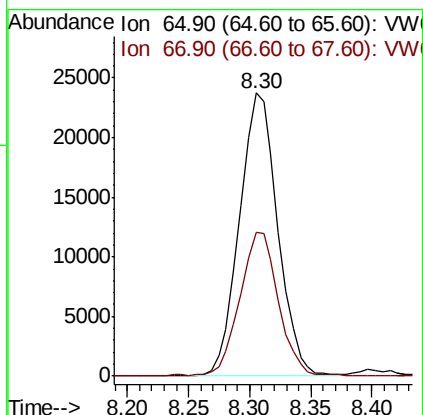
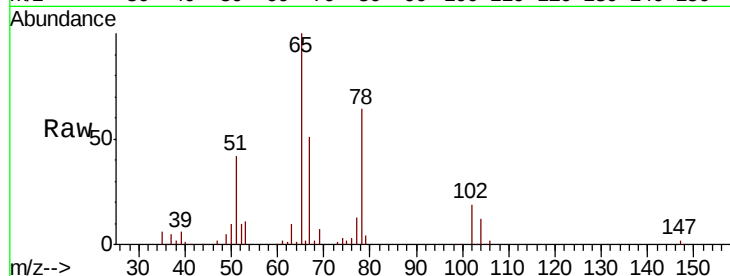




#33
 1,2-Dichloroethane-d4
 Concen: 52.849 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

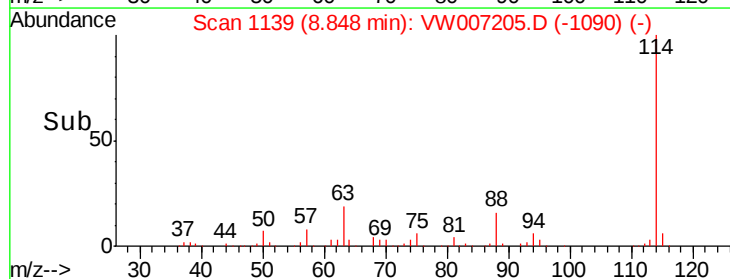
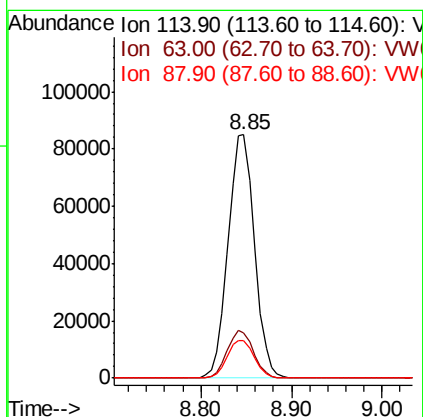
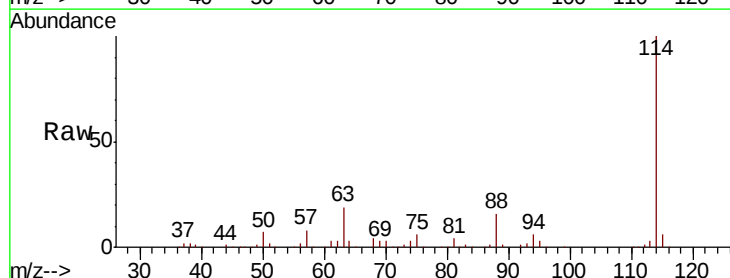
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

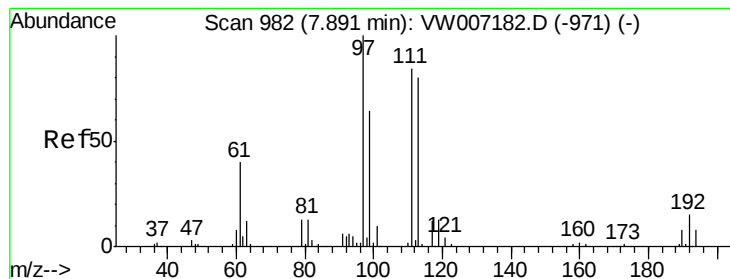
Tot Ion: 65 Resp: 51593
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion: 114 Resp: 172073
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.2
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.619 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

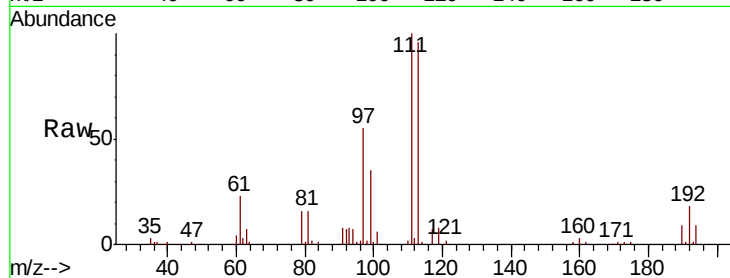
Tot Ion:113 Resp: 48889

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

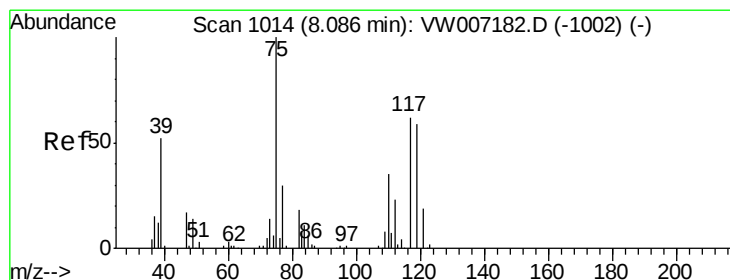
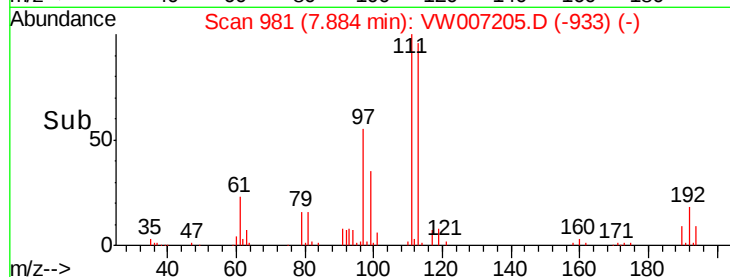
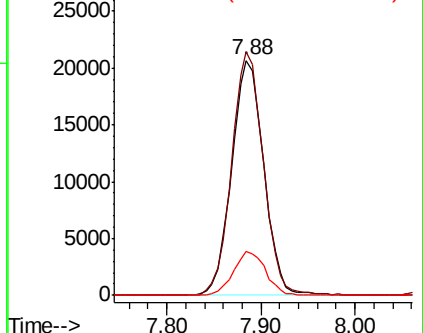
192 18.4 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.795 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

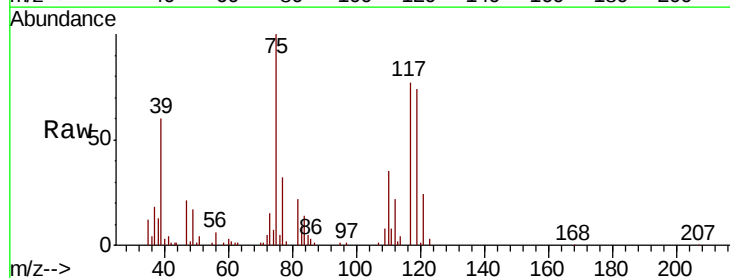
Tgt Ion: 75 Resp: 29795

Ion Ratio Lower Upper

75 100

110 37.6 18.3 54.9

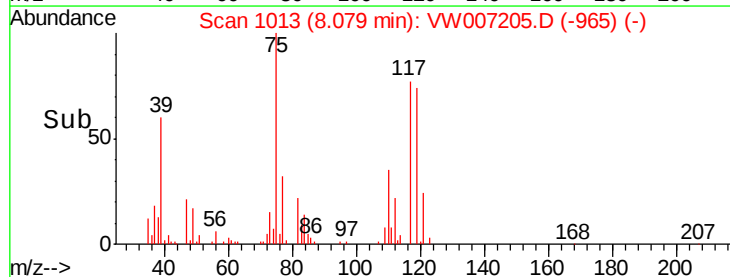
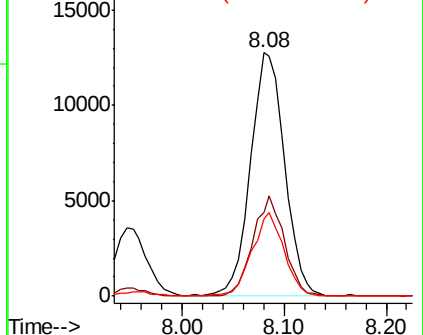
77 32.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 18.257 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

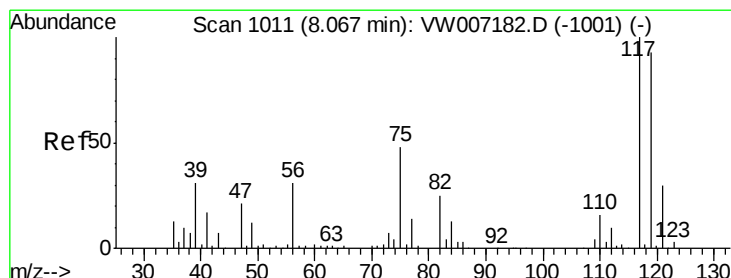
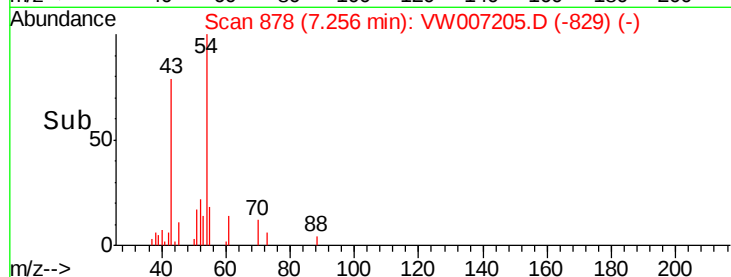
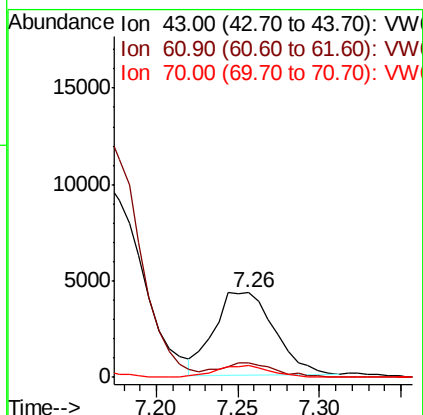
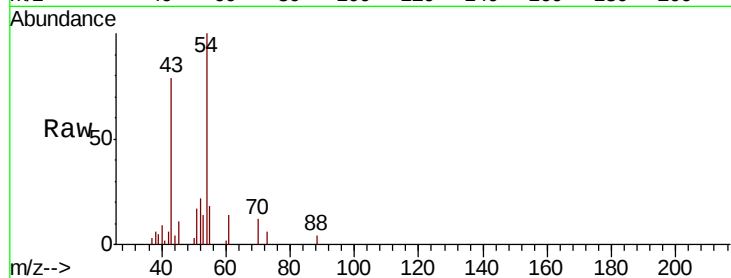
Tot Ion: 43 Resp: 11057

Ion Ratio Lower Upper

43 100

61 16.1 12.1 18.1

70 12.8 9.1 13.7



#38

Carbon Tetrachloride

Concen: 17.623 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

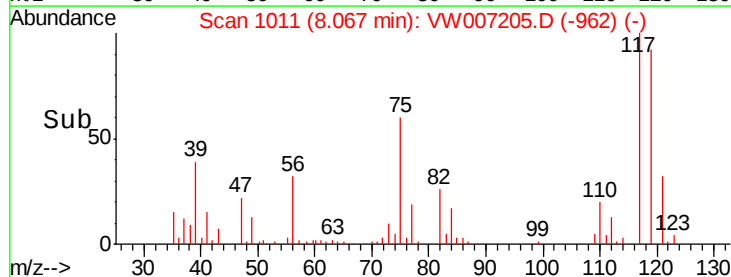
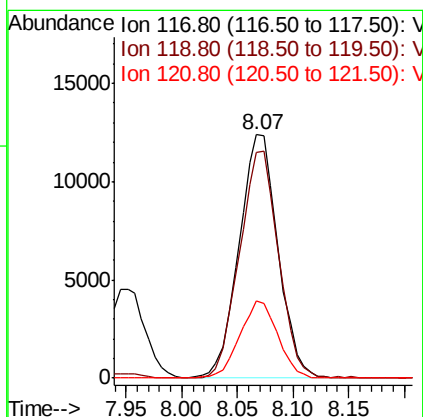
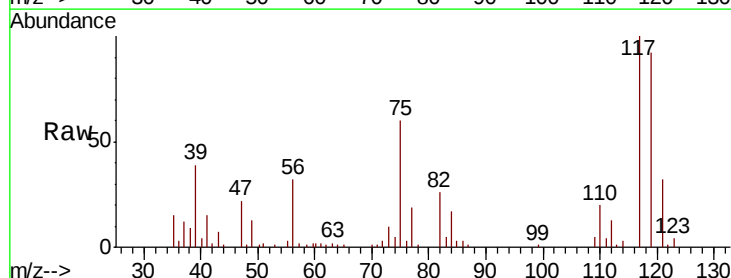
Tgt Ion: 117 Resp: 30116

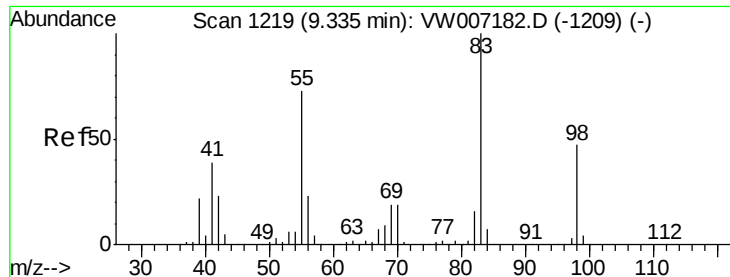
Ion Ratio Lower Upper

117 100

119 92.4 74.1 111.1

121 31.7 23.9 35.9

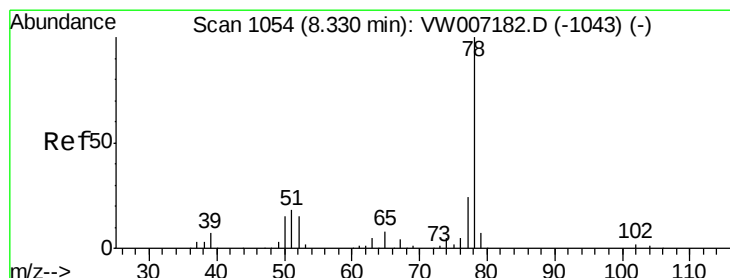
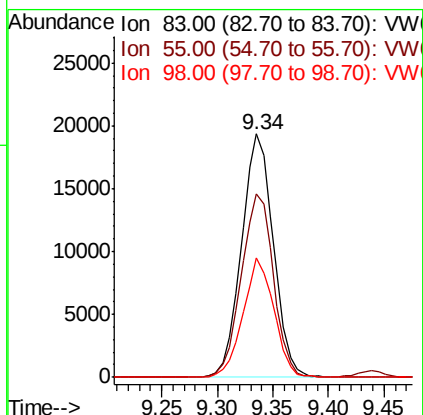
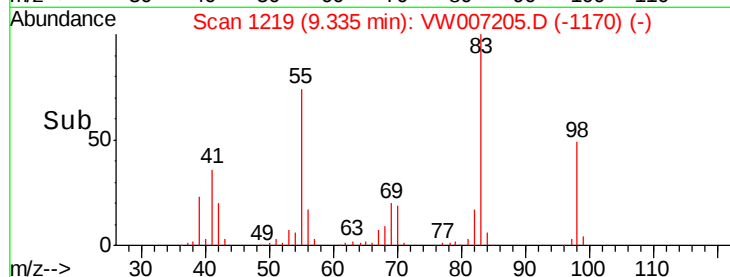
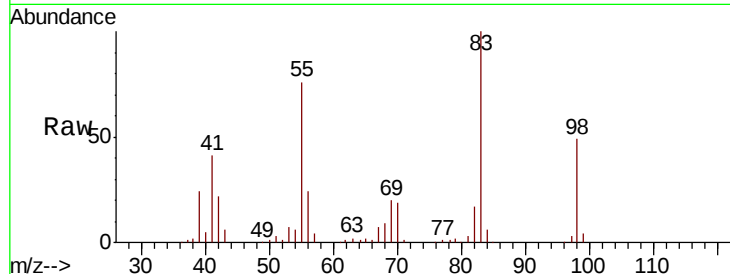




#39
Methvlcvclohexane
Concen: 17.181 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

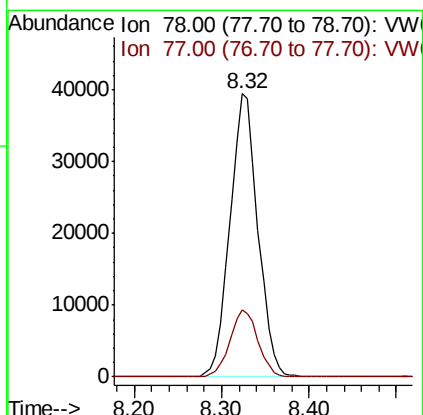
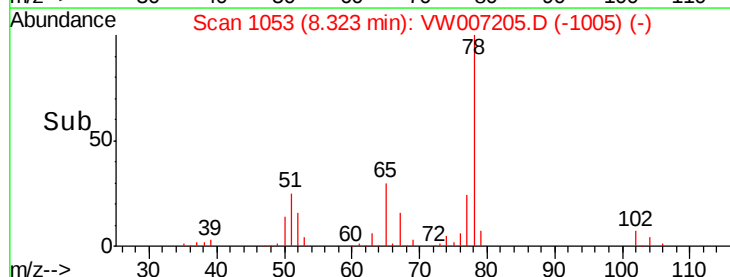
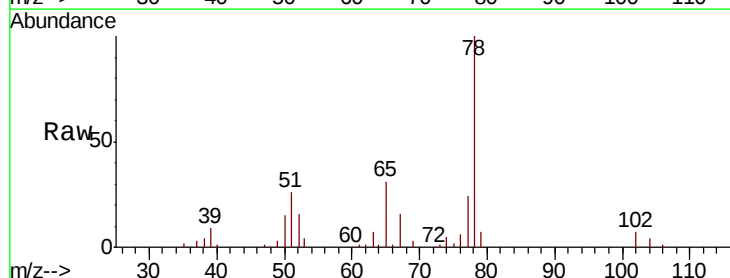
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

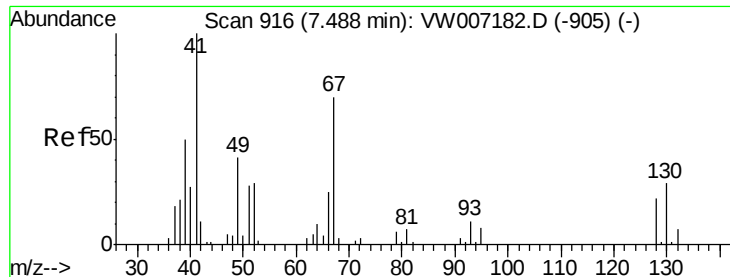
Tot Ion: 83 Resp: 38509
Ion Ratio Lower Upper
83 100
55 75.5 58.1 87.1
98 49.0 37.3 55.9



#40
Benzene
Concen: 19.078 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 78 Resp: 87590
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

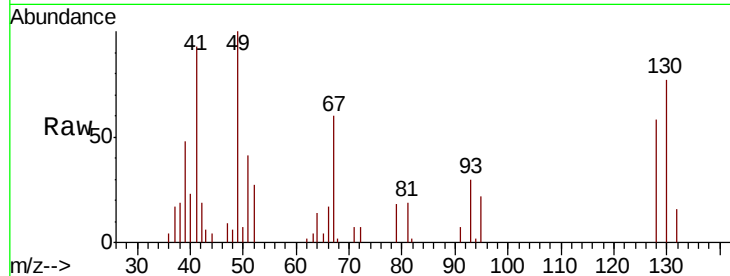




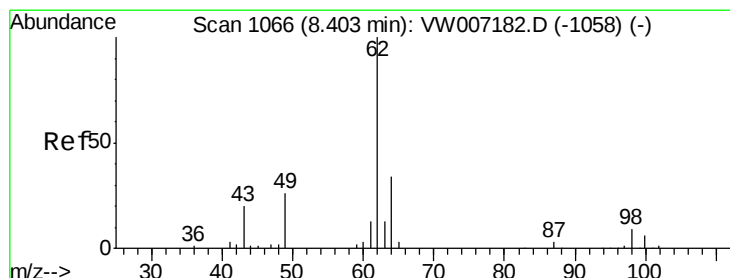
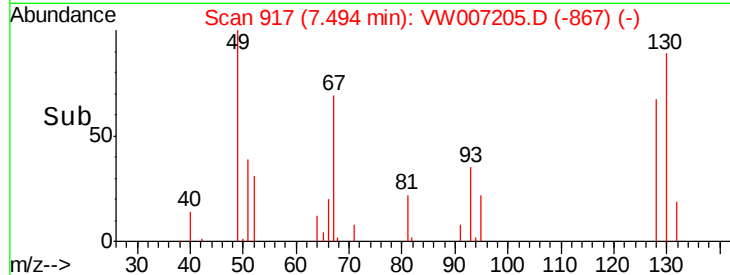
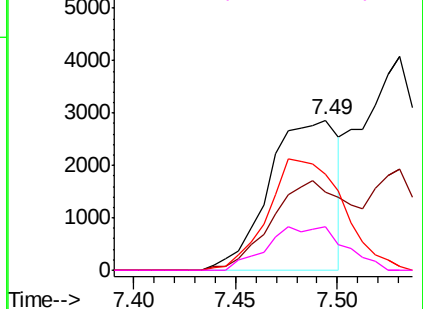
#41
Methacrylonitrile
Concen: 18.706 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tot Ion: 41 Resp: 6786
Ion Ratio Lower Upper
41 100
39 68.5 43.4 65.0#
67 80.3 57.4 86.0
52 32.3 23.3 34.9

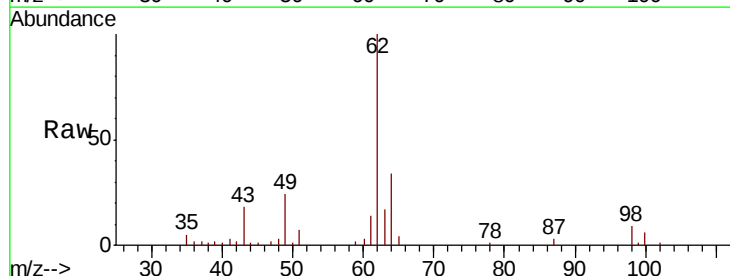


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

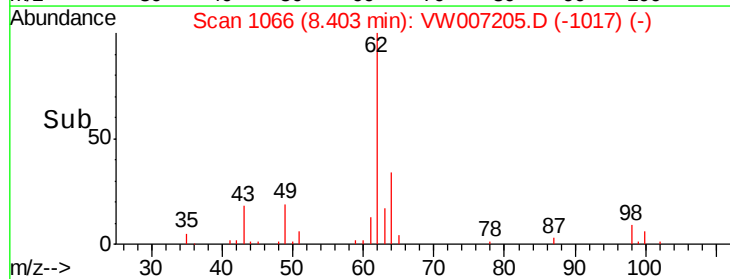
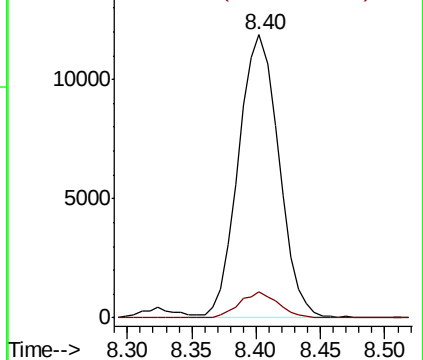


#42
1,2-Dichloroethane
Concen: 20.231 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 62 Resp: 25959
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.574 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

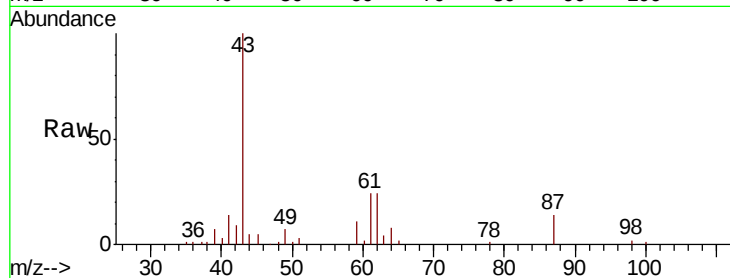
Tot Ion: 43 Resp: 23024

Ion Ratio Lower Upper

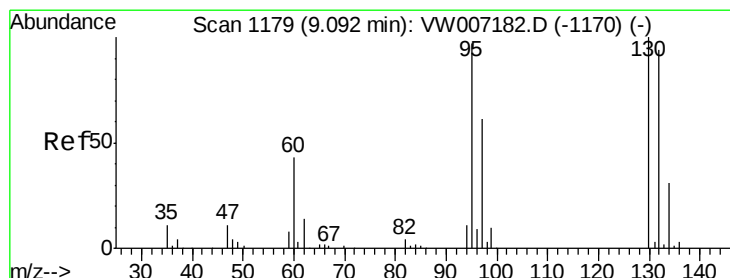
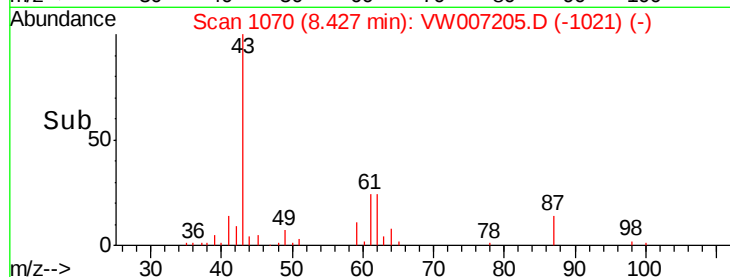
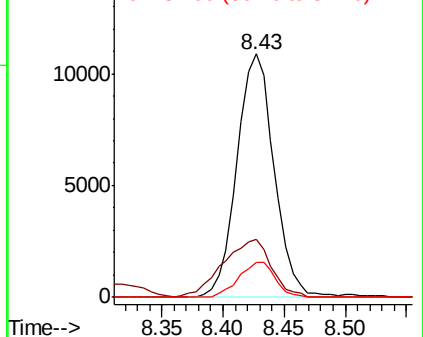
43 100

61 31.2 25.4 38.0

87 14.0 11.4 17.0



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



#44

Trichloroethene

Concen: 19.114 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007205.D

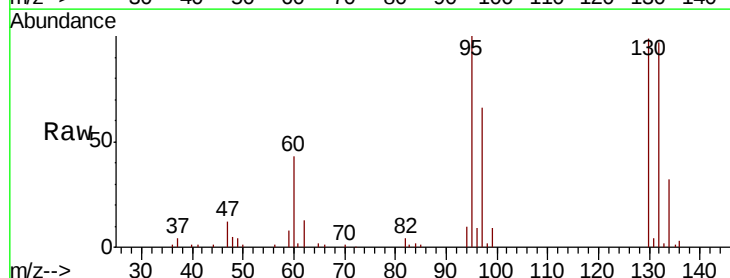
Acq: 05 Dec 2018 01:01

Tgt Ion:130 Resp: 24667

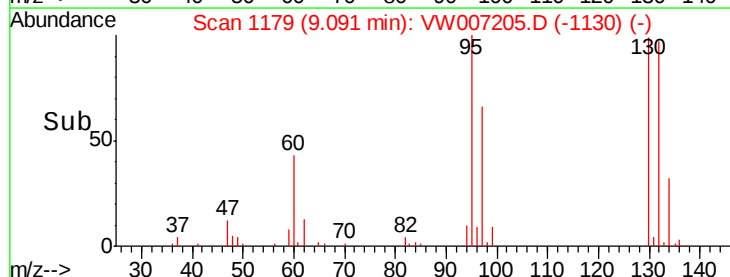
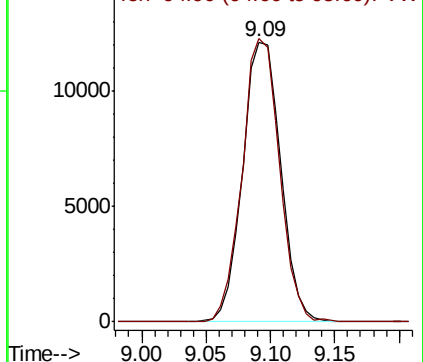
Ion Ratio Lower Upper

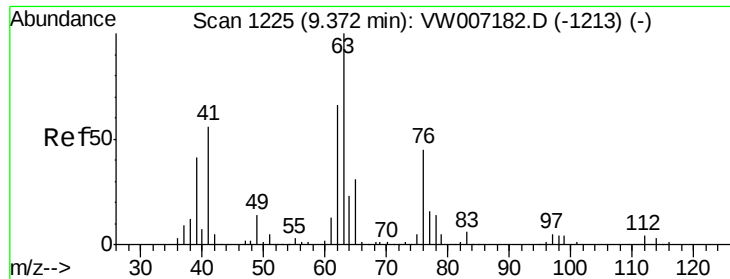
130 100

95 101.1 0.0 194.0



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





#45

1,2-Dichloropropane

Concen: 19.801 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

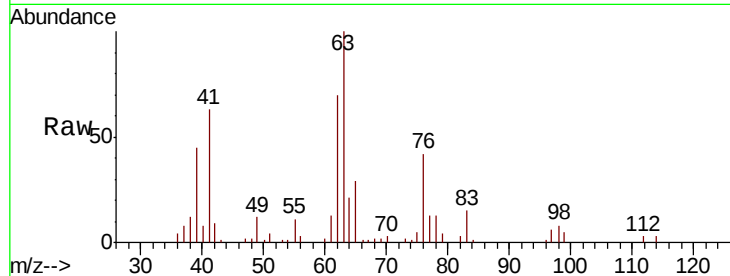
VW1204SBS02

Tot Ion: 63 Resp: 21155

Ion Ratio Lower Upper

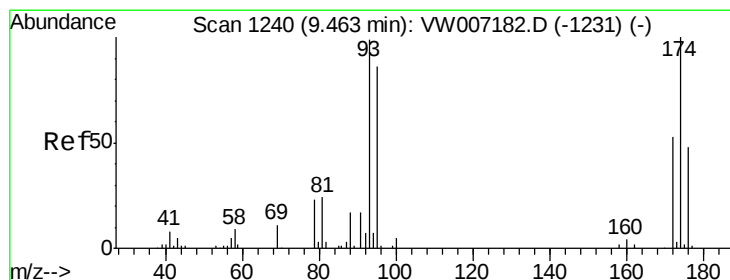
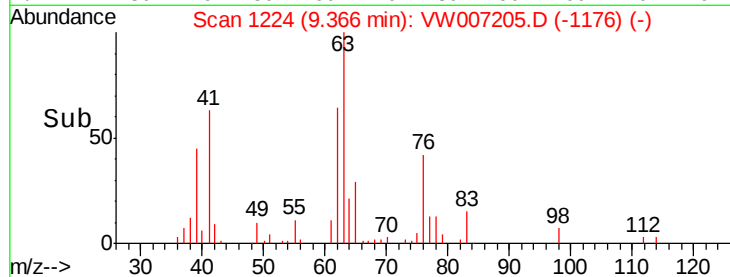
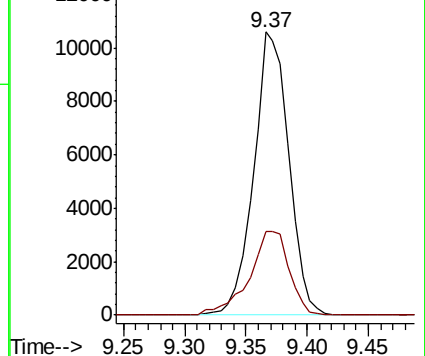
63 100

65 29.5 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 19.717 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

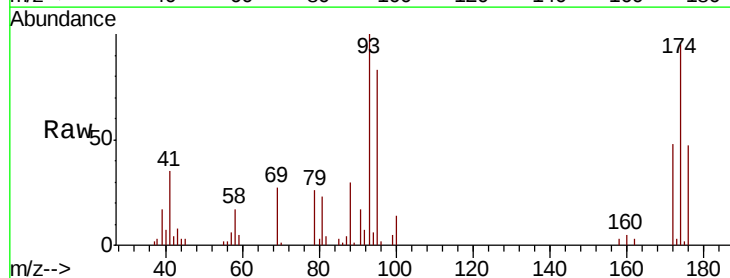
Tgt Ion: 93 Resp: 10946

Ion Ratio Lower Upper

93 100

95 82.5 68.7 103.1

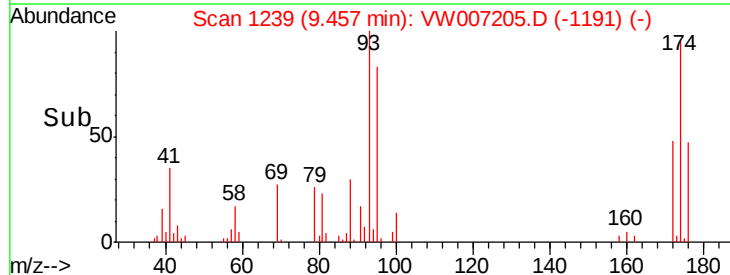
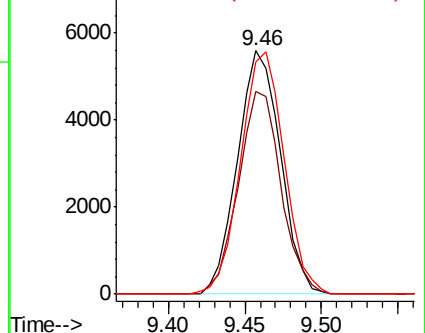
174 100.7 82.9 124.3

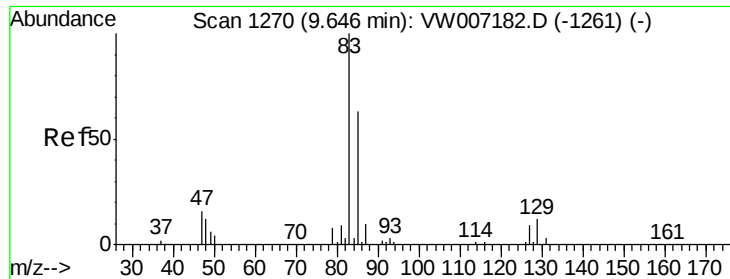


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.602 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

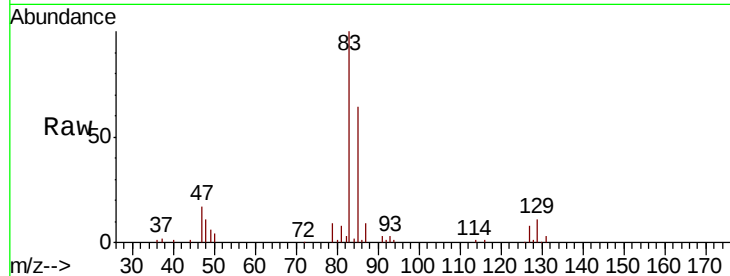
Tot Ion: 83 Resp: 28625

Ion Ratio Lower Upper

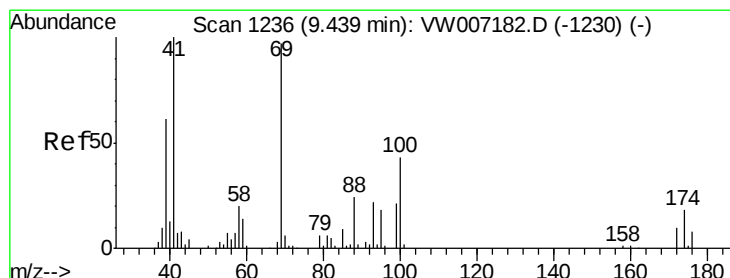
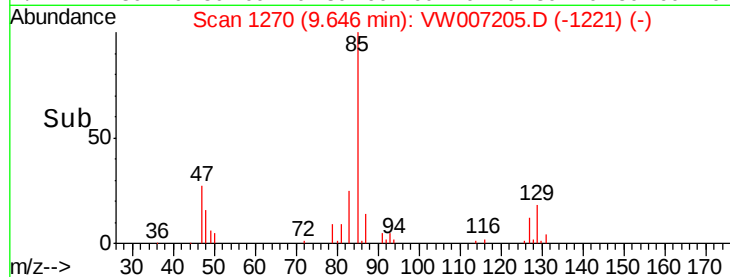
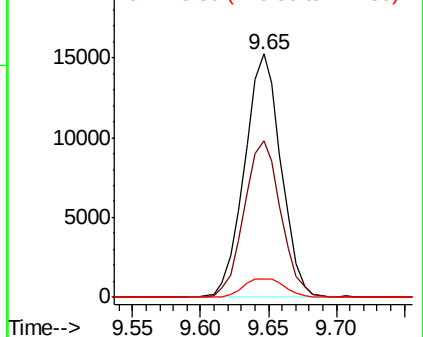
83 100

85 64.1 50.6 76.0

127 7.7 7.3 10.9



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



#48

Methyl methacrylate

Concen: 18.991 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

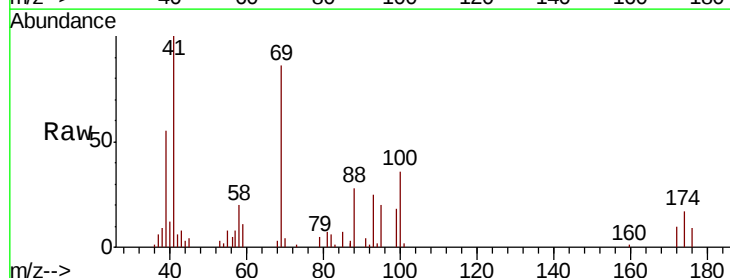
Tgt Ion: 41 Resp: 11594

Ion Ratio Lower Upper

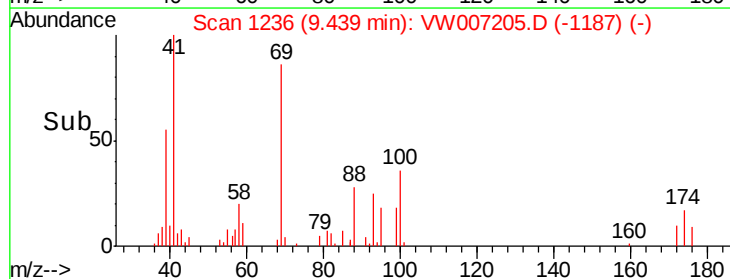
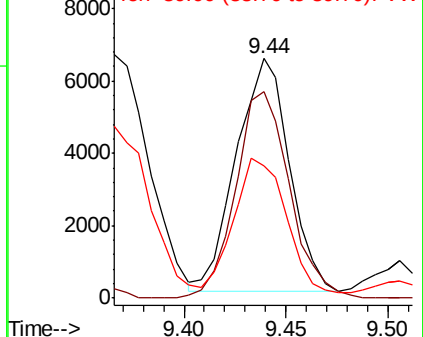
41 100

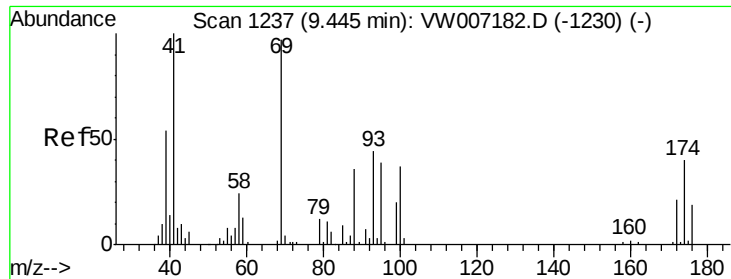
69 90.3 69.6 104.4

39 61.6 42.4 63.6



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

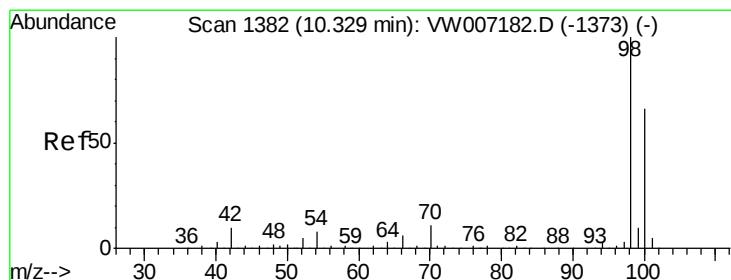
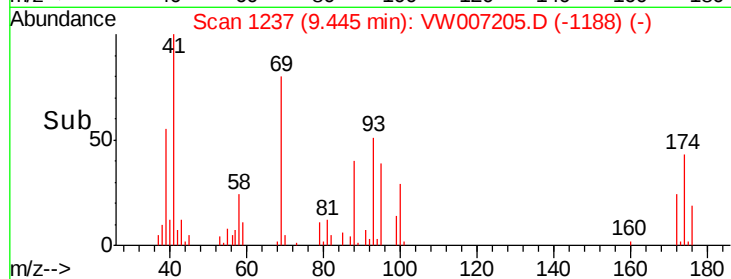
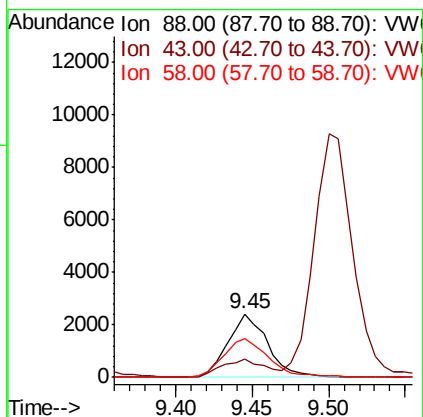
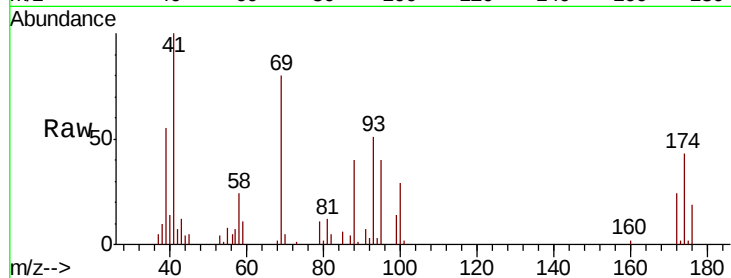




#49
1,4-Dioxane
Concen: 445.649 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

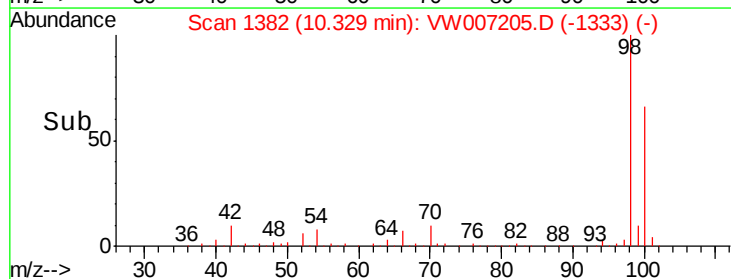
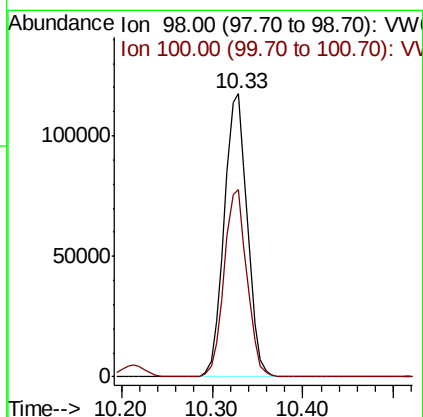
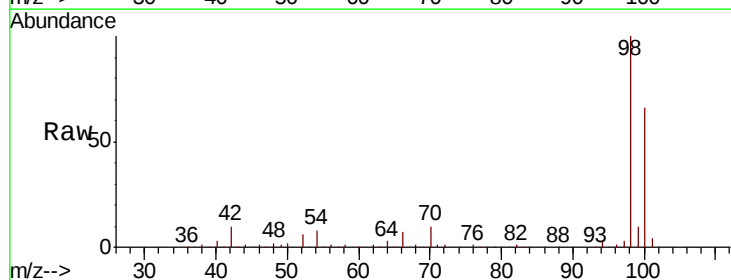
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

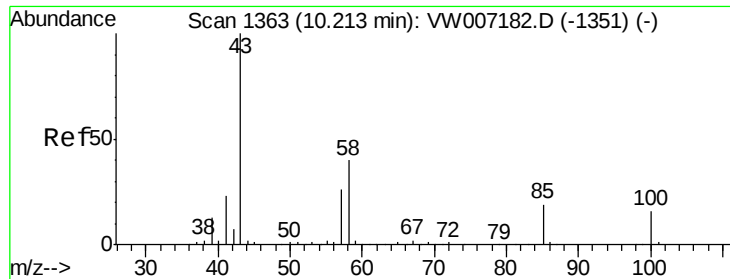
Tot Ion: 88 Resp: 4322
Ion Ratio Lower Upper
88 100
43 32.1 25.8 38.8
58 69.6 58.9 88.3



#50
Toluene-d8
Concen: 48.035 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 98 Resp: 208481
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 97.497 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

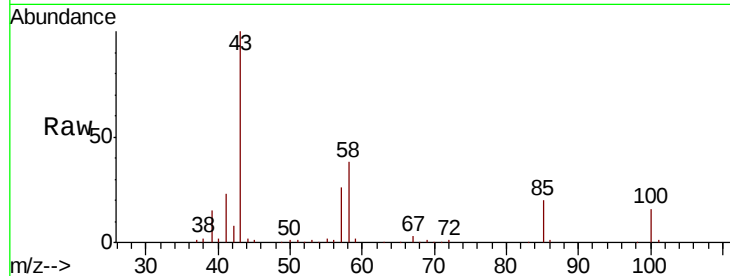
VW1204SBS02

Tot Ion: 43 Resp: 56516

Ion Ratio Lower Upper

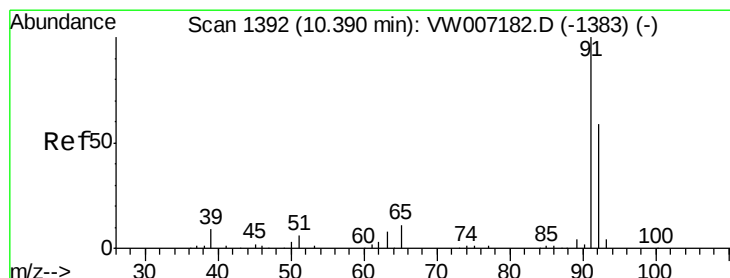
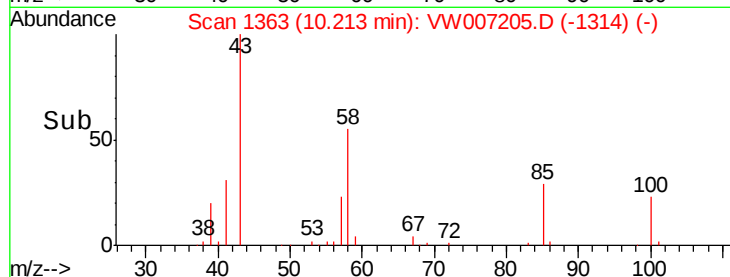
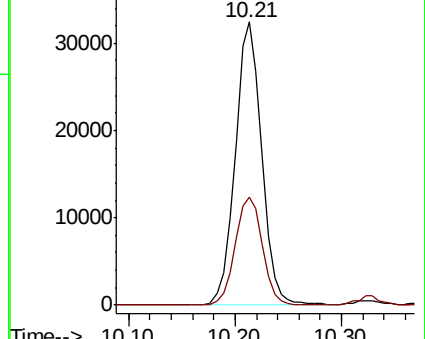
43 100

58 39.3 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.759 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007205.D

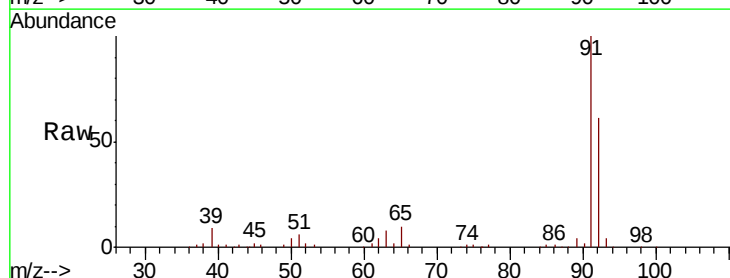
Acq: 05 Dec 2018 01:01

Tgt Ion: 92 Resp: 63103

Ion Ratio Lower Upper

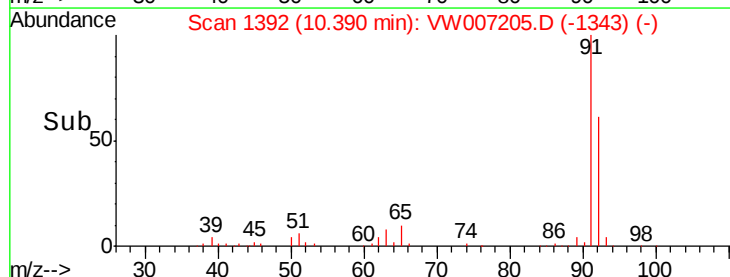
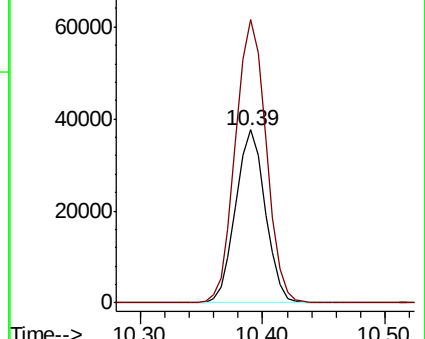
92 100

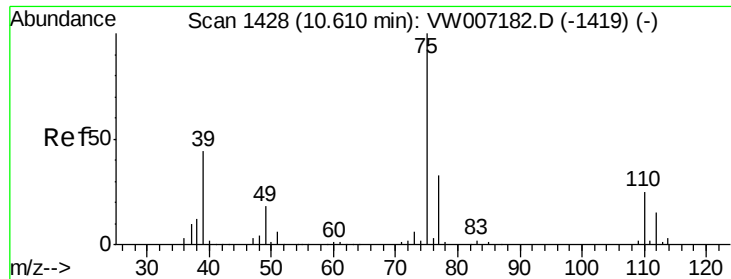
91 169.7 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

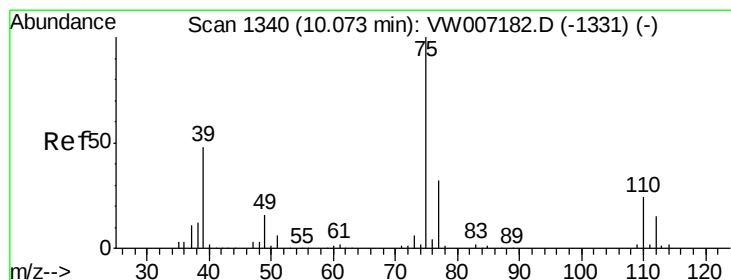
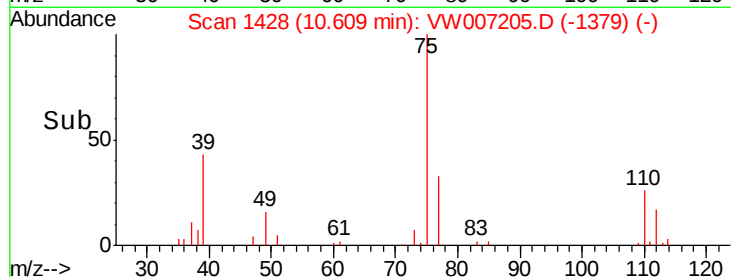
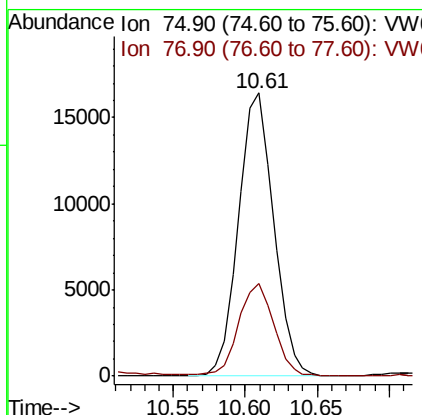
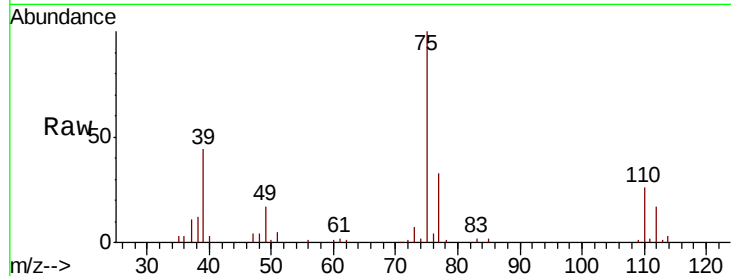




#53
 t-1,3-Dichloropropene
 Concen: 18.990 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

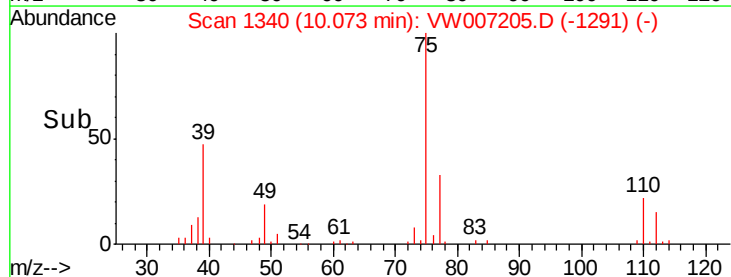
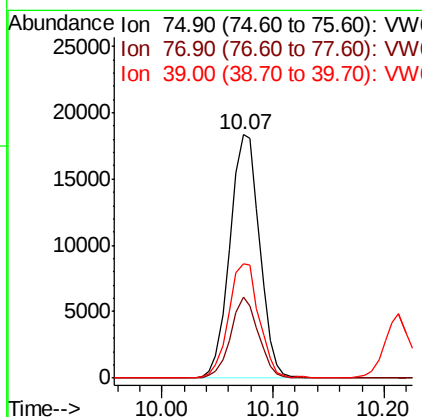
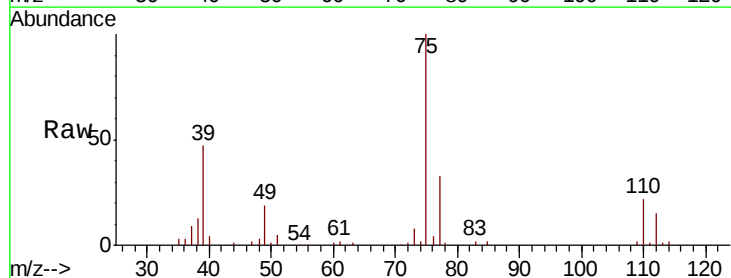
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

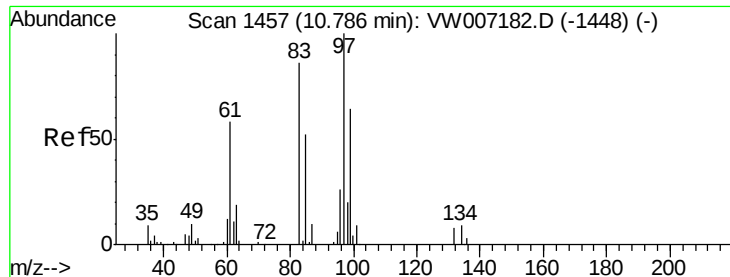
Tot Ion: 75 Resp: 27881
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.762 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion: 75 Resp: 34003
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.0 39.0
 39 46.9 38.0 57.0

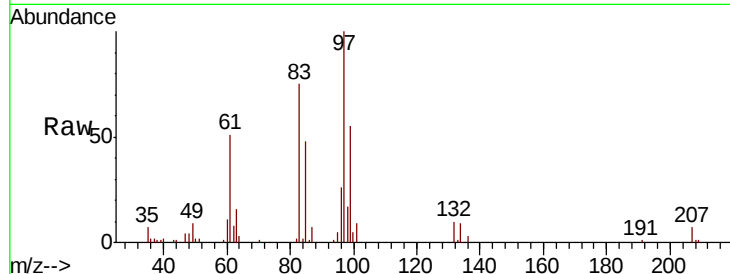




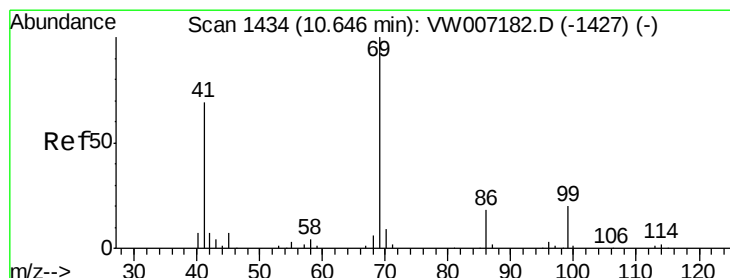
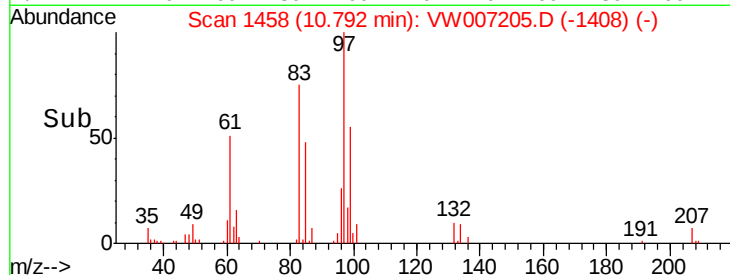
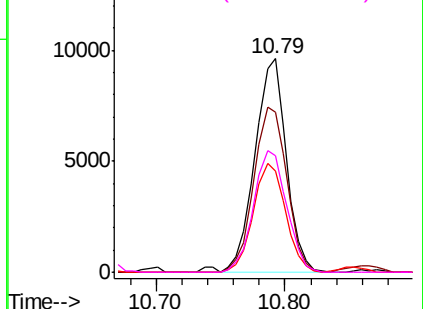
#55
 1,1,2-Trichloroethane
 Concen: 20.639 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

Tot Ion:	97	Resp:	16298
Ion	Ratio	Lower	Upper
97	100		
83	74.9	68.6	102.8
85	47.6	41.4	62.2
99	54.8	51.2	76.8

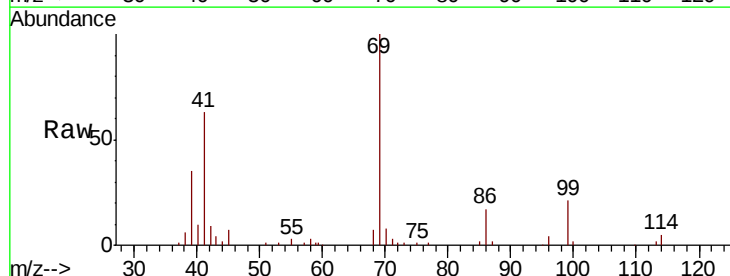


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

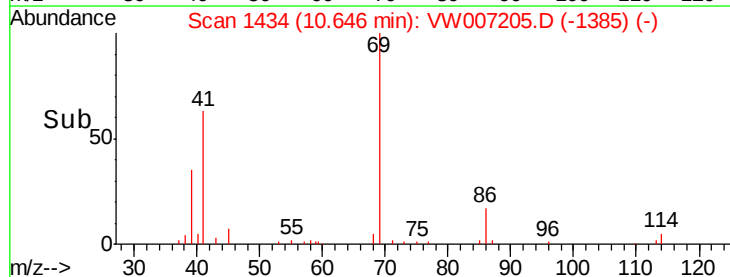
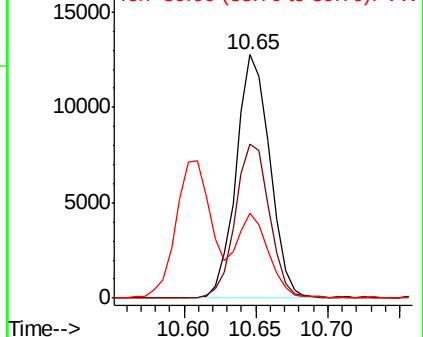


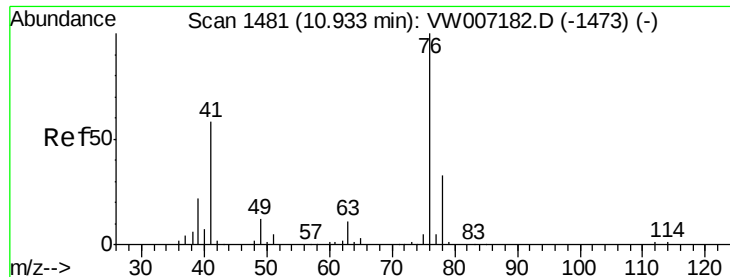
#56
 Ethyl methacrylate
 Concen: 20.144 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion:	69	Resp:	20750
Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.8	77.6
39	33.7	28.7	43.1



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

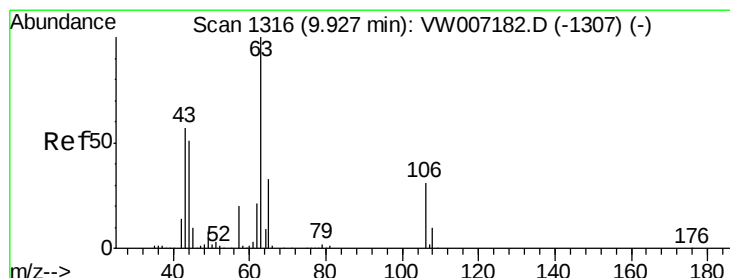
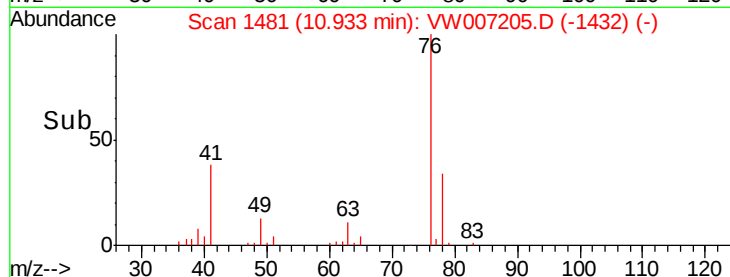
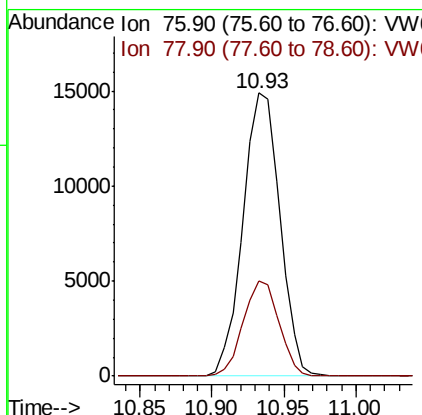
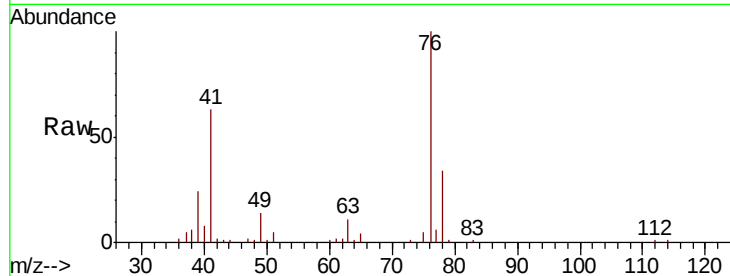




#57
 1,3-Dichloropropane
 Concen: 19.844 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

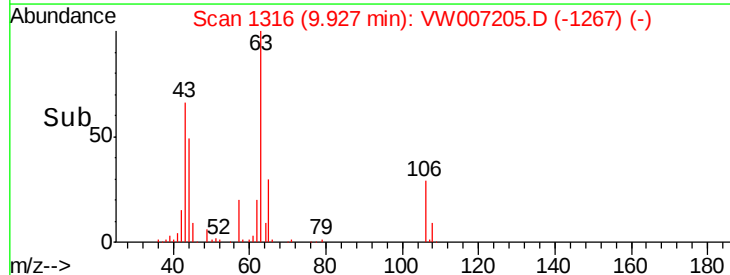
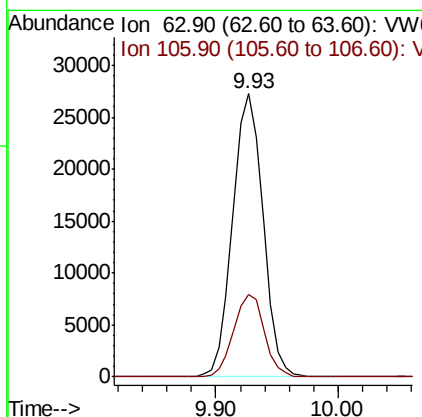
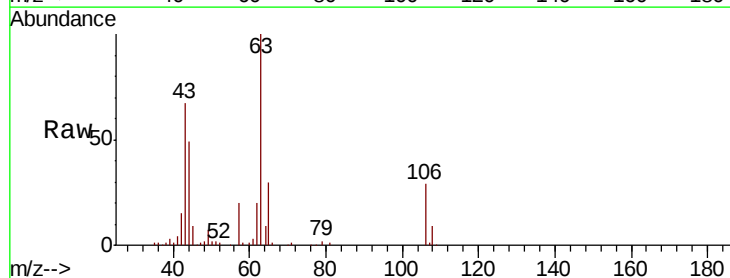
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

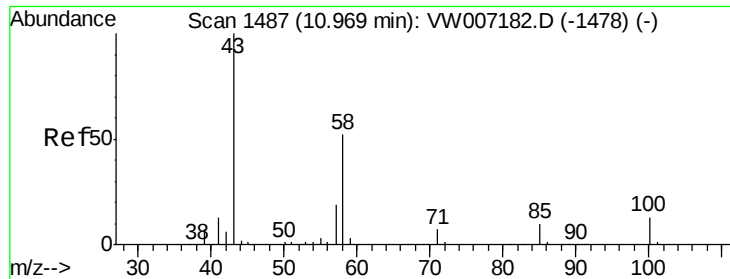
Tot Ion: 76 Resp: 26457
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.148 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion: 63 Resp: 46815
 Ion Ratio Lower Upper
 63 100
 106 29.4 24.1 36.1





#59

2-Hexanone

Concen: 87.309 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

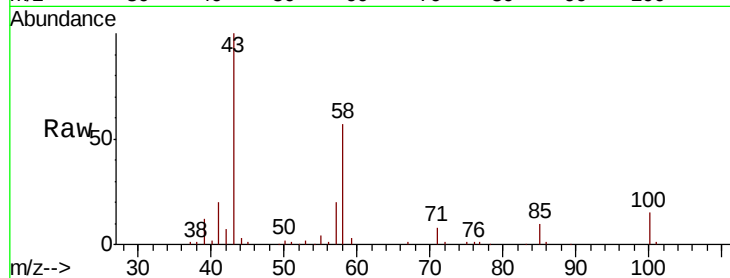
VW1204SBS02

Tot Ion: 43 Resp: 36688

Ion Ratio Lower Upper

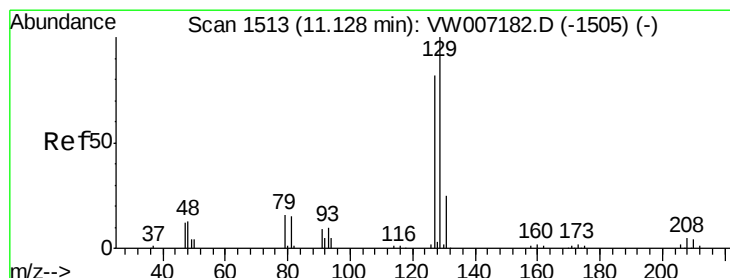
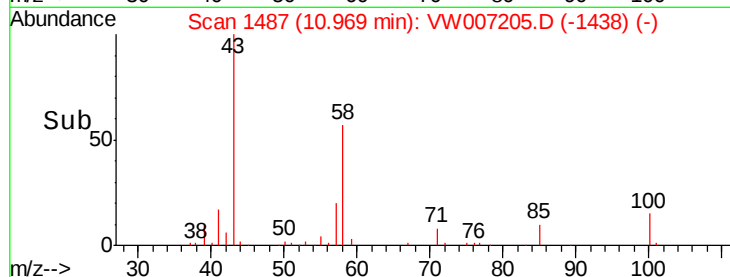
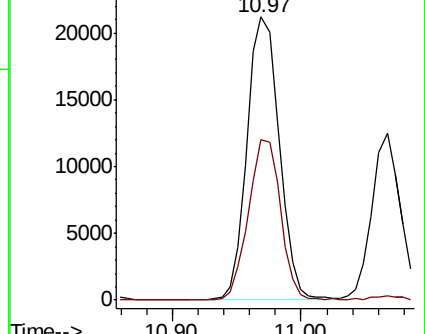
43 100

58 56.1 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 18.963 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007205.D

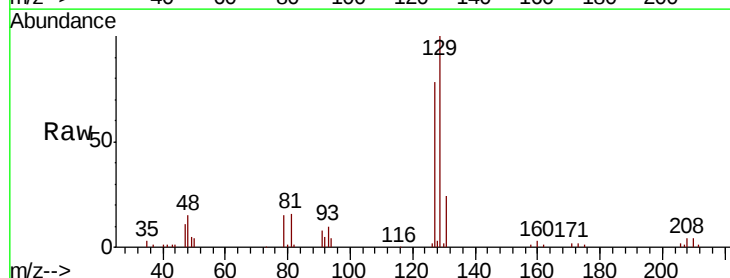
Acq: 05 Dec 2018 01:01

Tgt Ion: 129 Resp: 18405

Ion Ratio Lower Upper

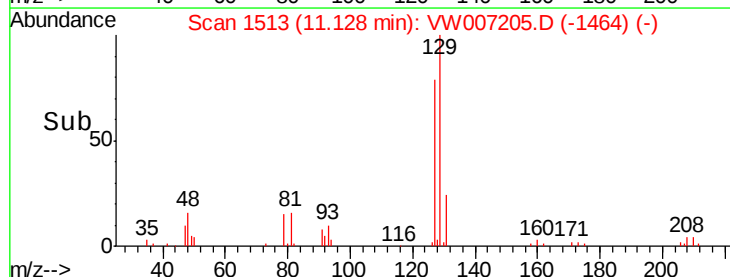
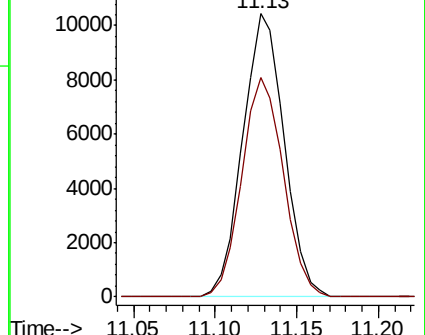
129 100

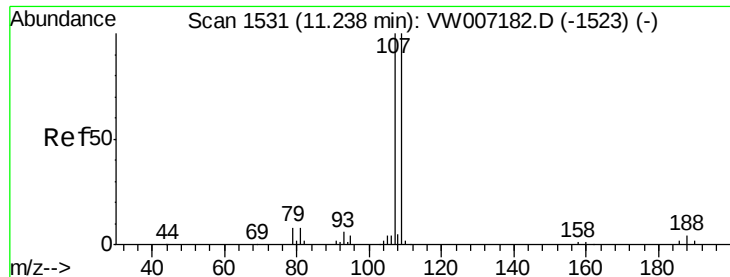
127 77.9 39.8 119.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

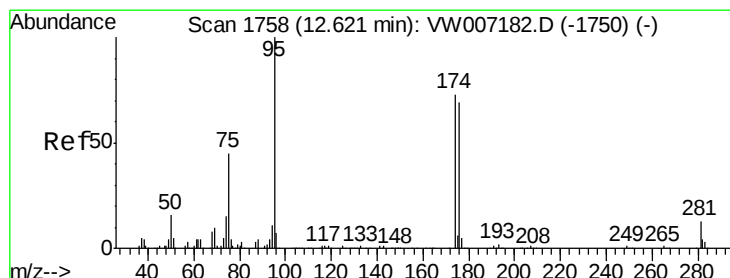
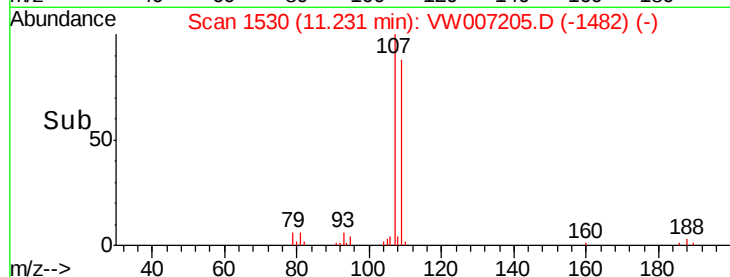
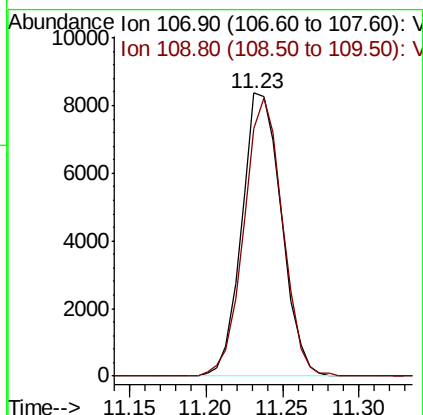
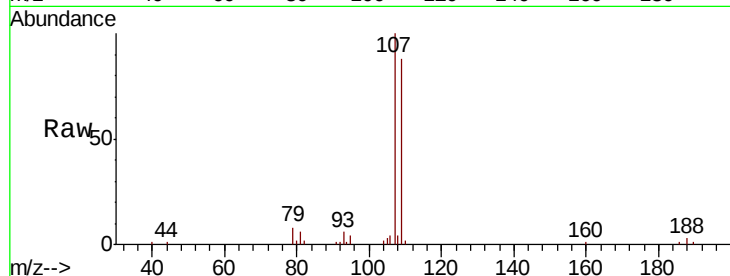




#61
 1,2-Dibromoethane
 Concen: 19.882 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

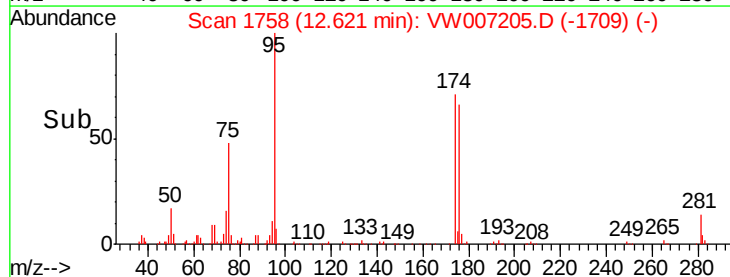
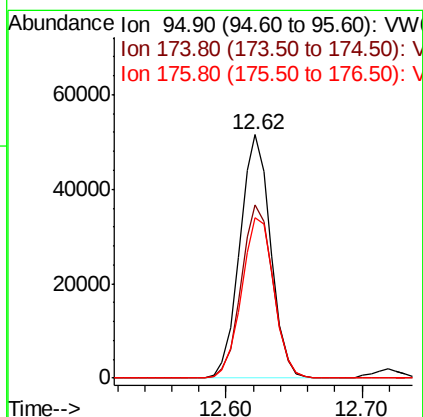
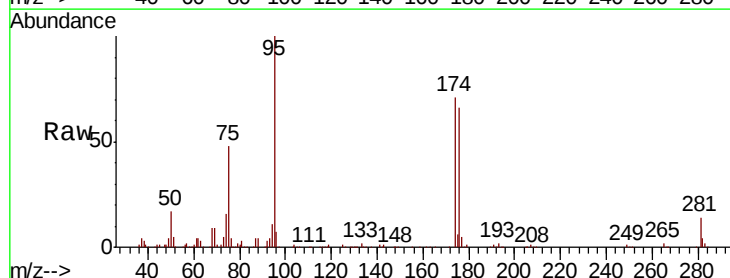
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

Tot Ion:107 Resp: 15059
 Ion Ratio Lower Upper
 107 100
 109 95.6 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 49.592 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion: 95 Resp: 81241
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 148.0
 176 69.4 0.0 139.4

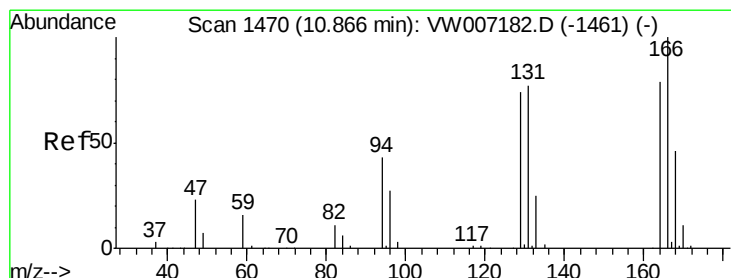
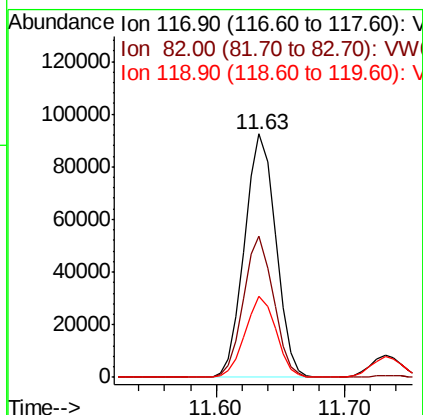
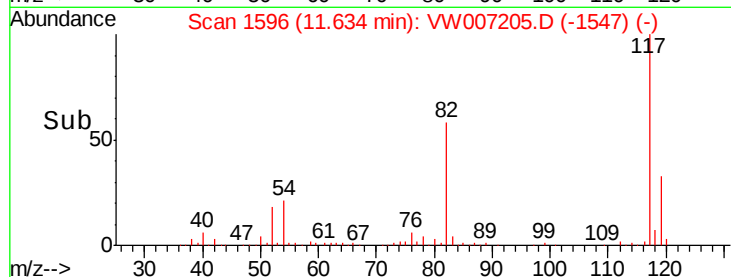
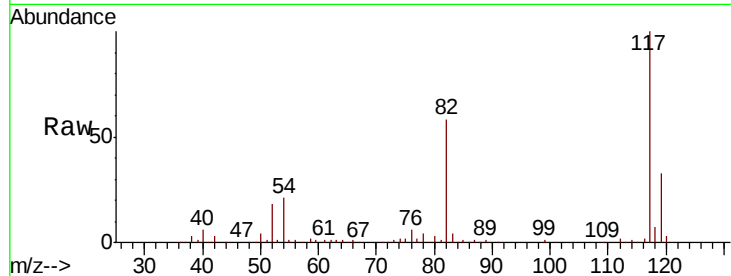




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

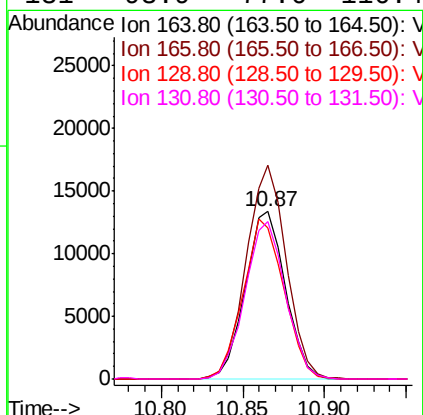
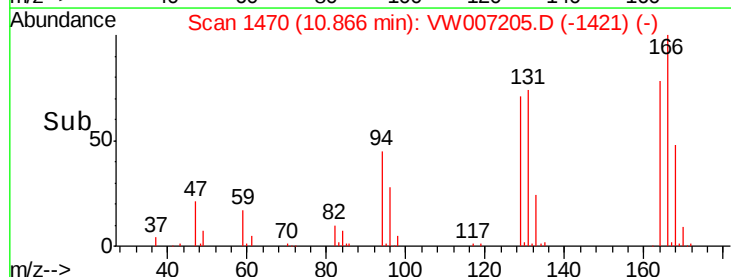
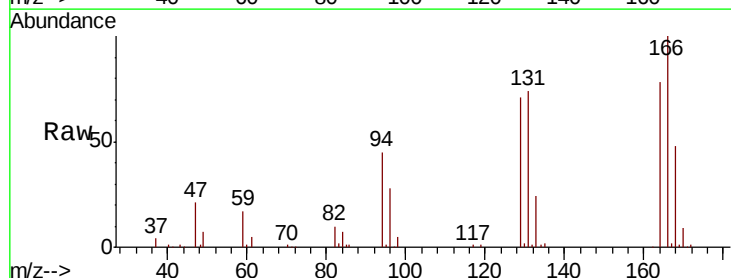
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

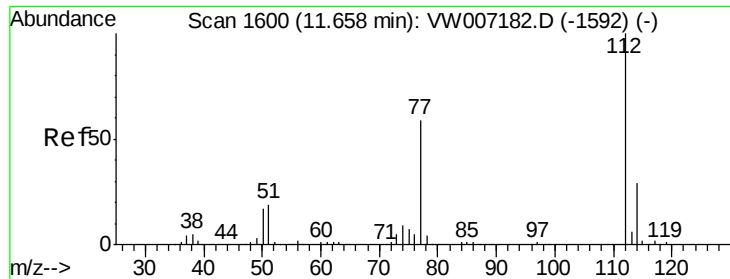
Tot Ion:117 Resp: 154932
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 33.1 26.8 40.2



#64
Tetrachloroethene
Concen: 20.255 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion:164 Resp: 22928
Ion Ratio Lower Upper
164 100
166 127.6 101.0 151.4
129 90.2 74.6 111.8
131 93.9 77.6 116.4

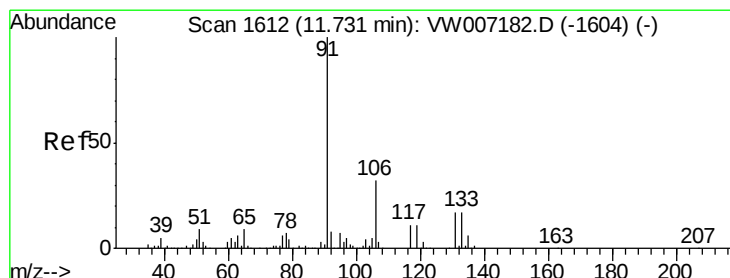
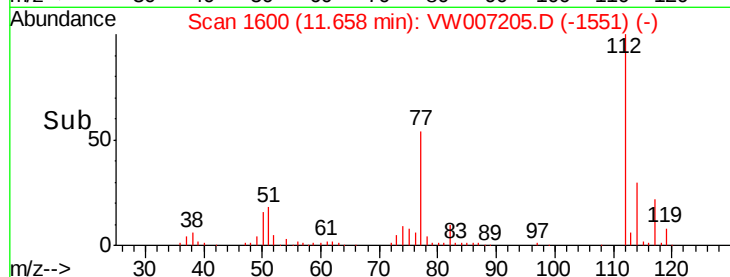
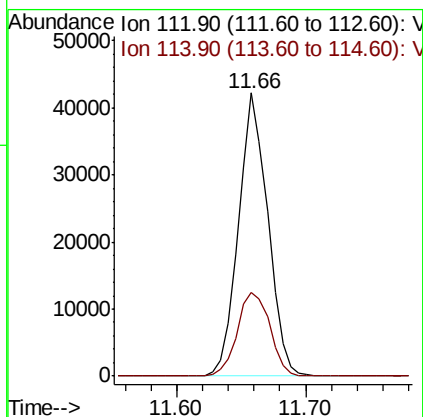
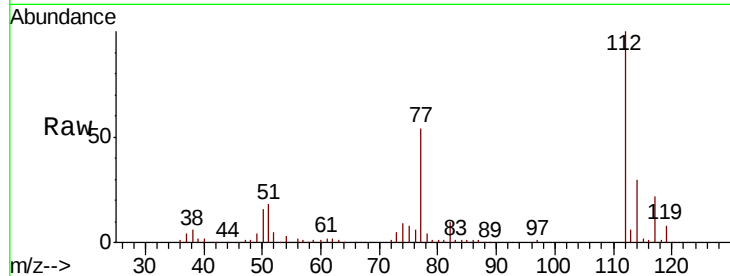




#65
Chlorobenzene
Concen: 19.212 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

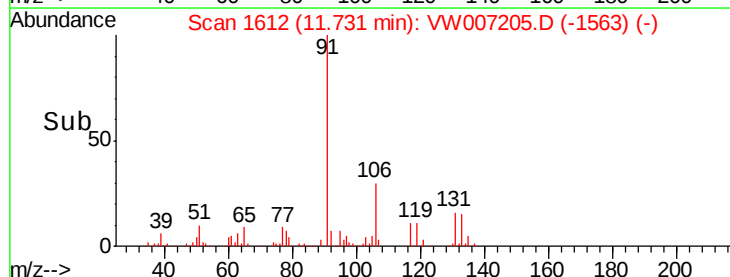
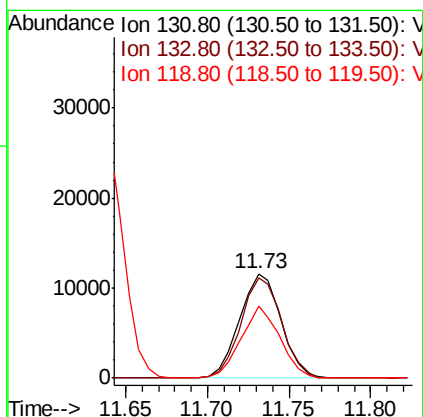
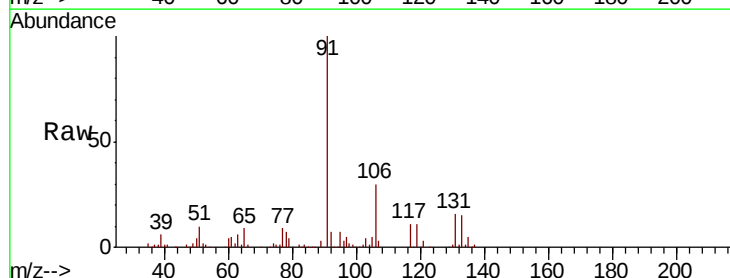
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tot Ion:112 Resp: 66476
Ion Ratio Lower Upper
112 100
114 29.7 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.070 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion:131 Resp: 20379
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 65.0 32.8 98.4

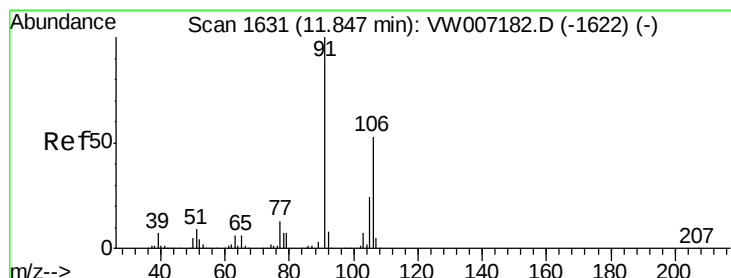
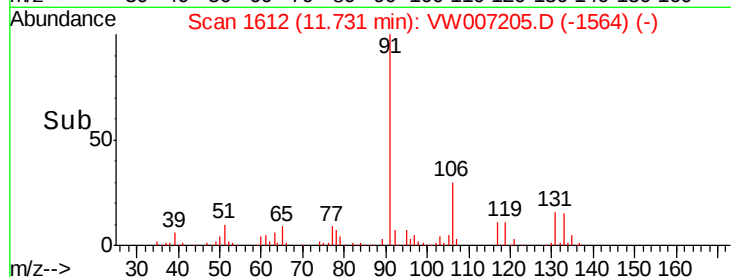
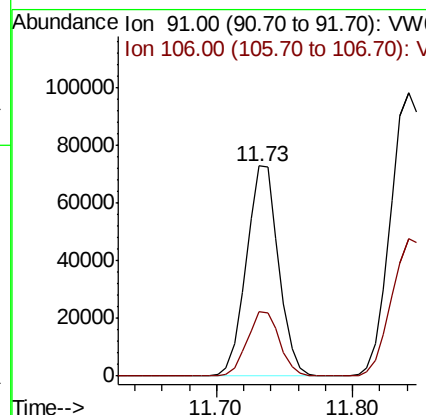
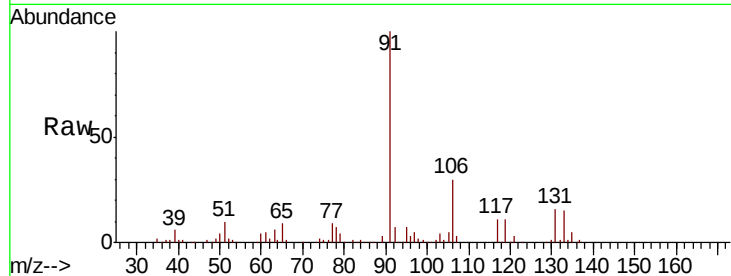




#67
Ethyl Benzene
Concen: 19.176 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

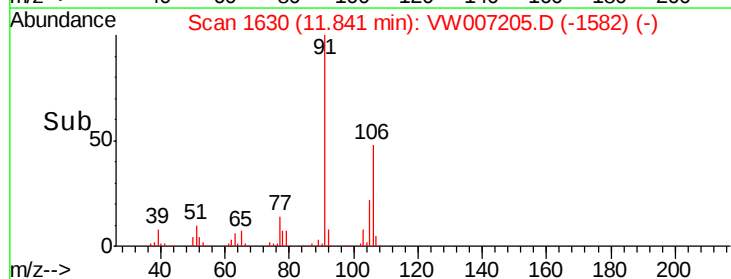
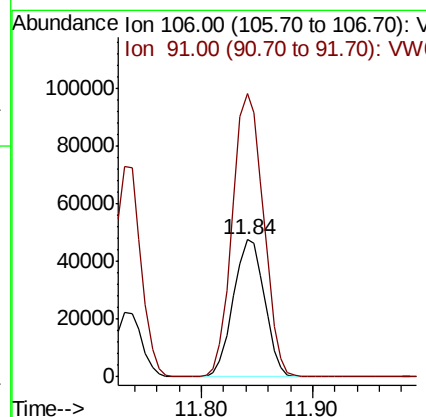
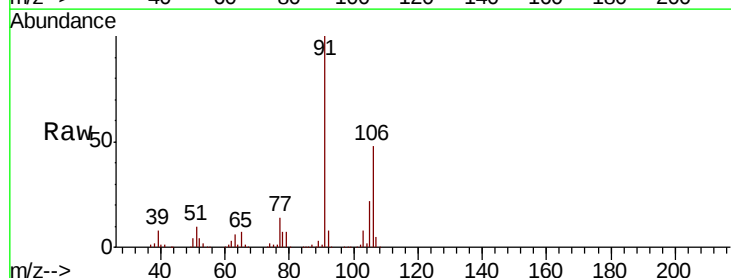
Instrument :
MSVOA_W
ClientSampled :
VW1204SBS02

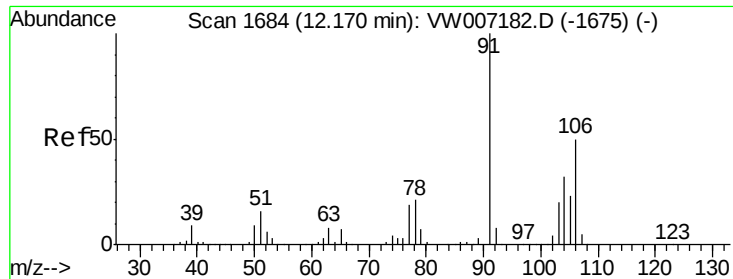
Tot Ion: 91 Resp: 120937
Ion Ratio Lower Upper
91 100
106 30.4 26.0 39.0



#68
m/p-Xylenes
Concen: 37.365 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion: 106 Resp: 92445
Ion Ratio Lower Upper
106 100
91 205.6 160.2 240.4

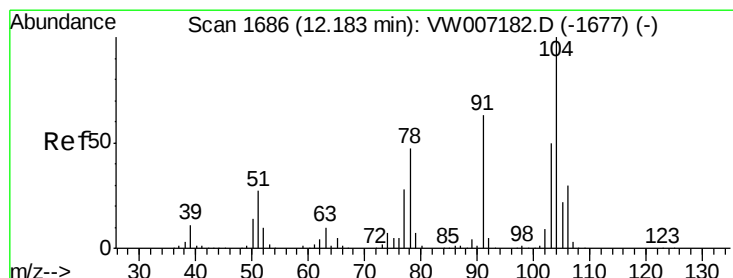
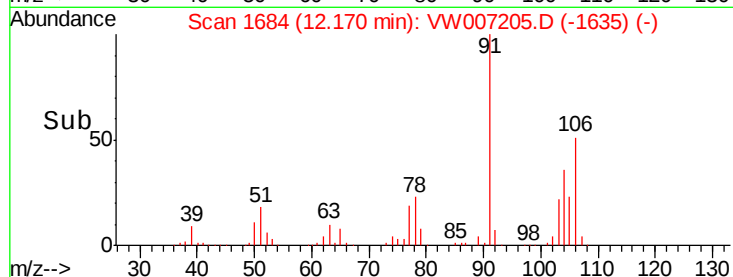
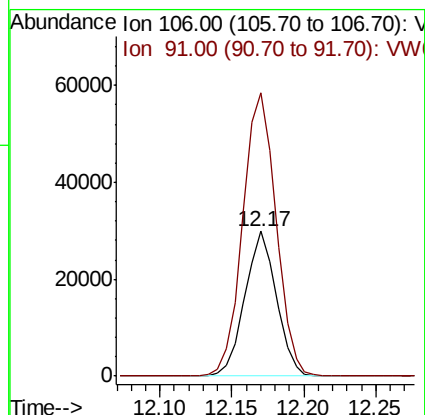
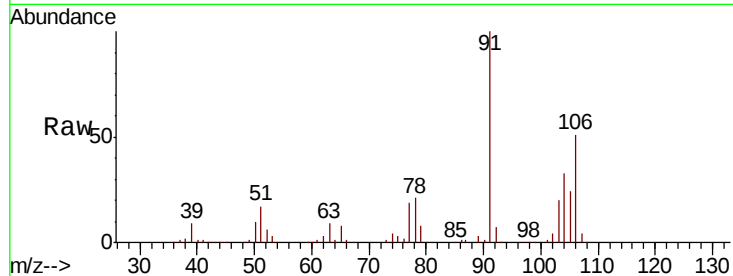




#69
o-Xylene
Concen: 19.569 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

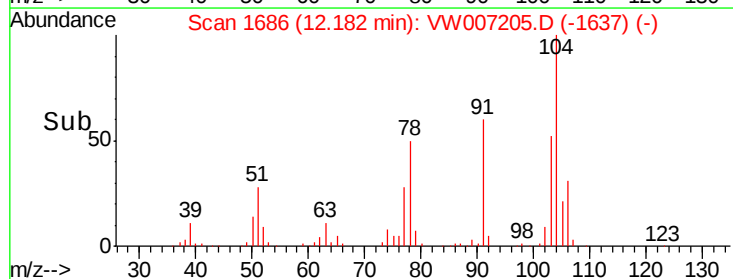
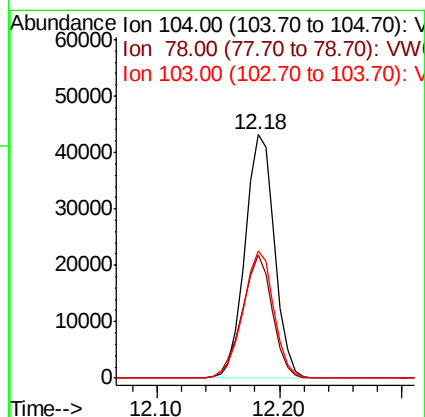
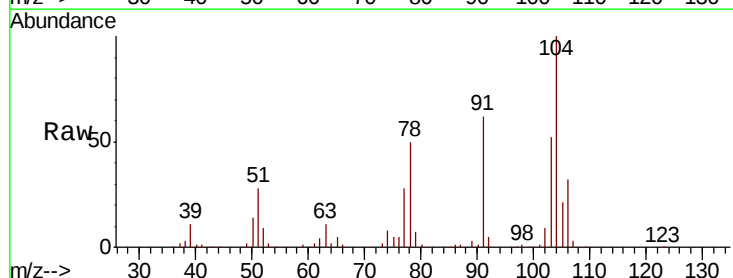
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

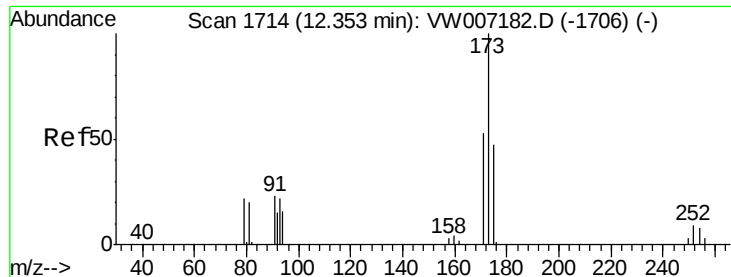
Tot Ion:106 Resp: 45234
Ion Ratio Lower Upper
106 100
91 206.8 104.9 314.7



#70
Styrene
Concen: 19.061 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion:104 Resp: 72126
Ion Ratio Lower Upper
104 100
78 51.9 40.6 60.8
103 54.6 43.0 64.4





#71

Bromoform

Concen: 19.594 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

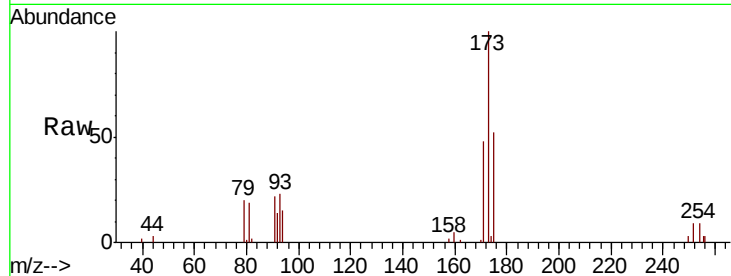
Tot Ion:173 Resp: 10482

Ion Ratio Lower Upper

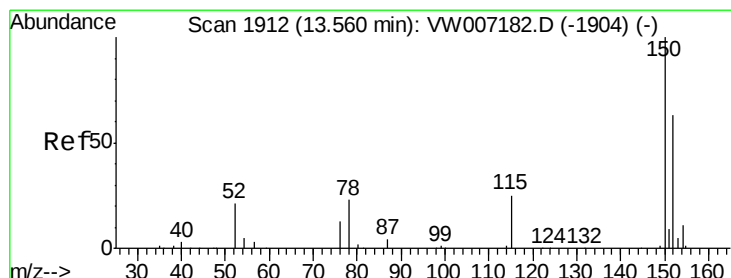
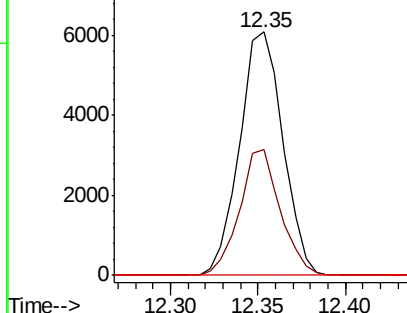
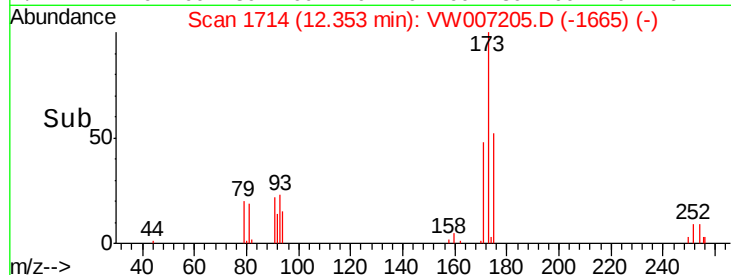
173 100

175 48.4 24.0 72.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

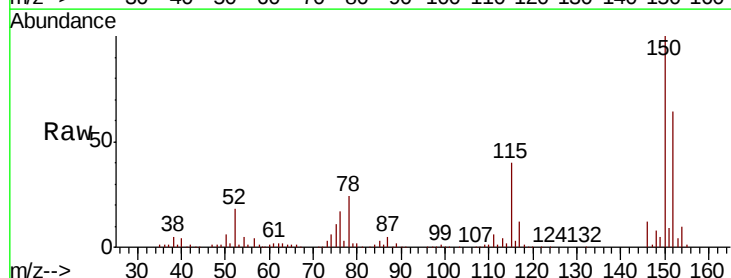
Tgt Ion:152 Resp: 77798

Ion Ratio Lower Upper

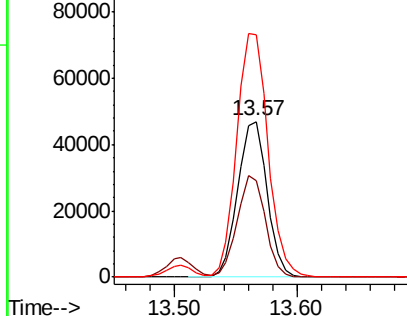
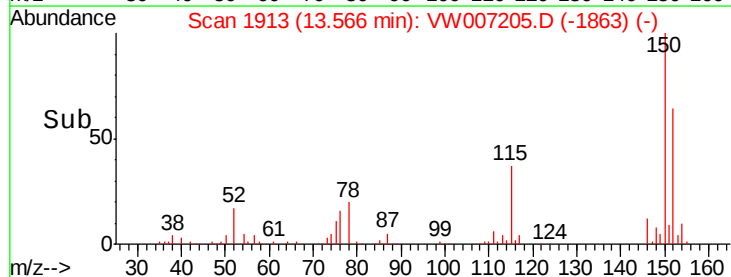
152 100

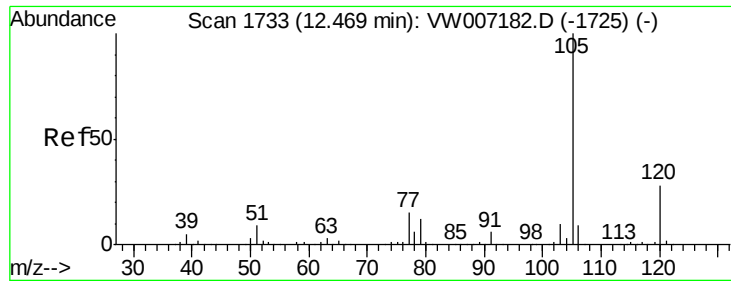
115 62.6 31.3 93.8

150 167.4 0.0 358.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.893 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

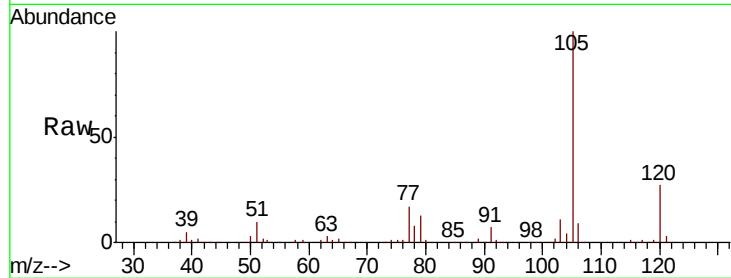
VW1204SBS02

Tot Ion:105 Resp: 119547

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

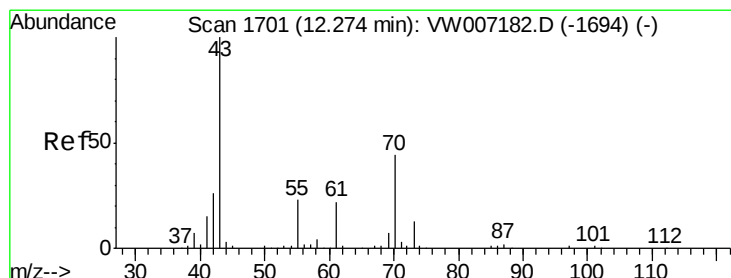
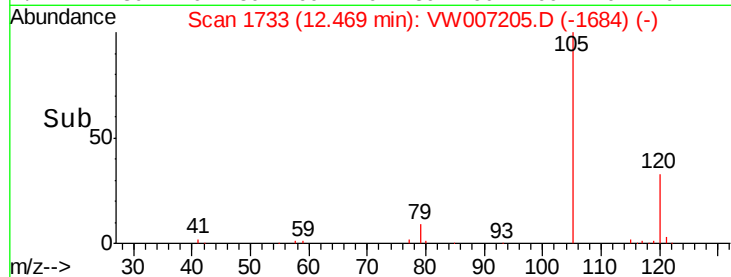
40000

20000

0

12.40 12.47 12.50

Time-->



#74

N-ethyl acetate

Concen: 18.827 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Tgt Ion: 43 Resp: 21121

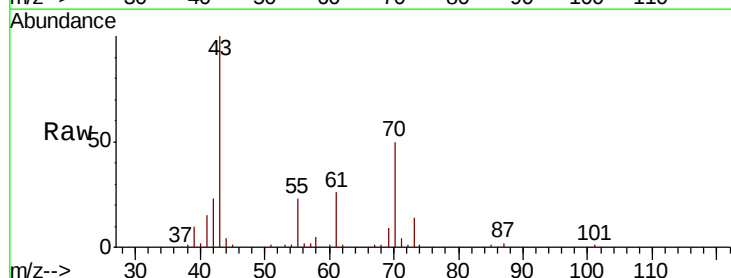
Ion Ratio Lower Upper

43 100

70 46.6 34.0 51.0

55 24.4 19.0 28.6

61 24.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

20000

15000

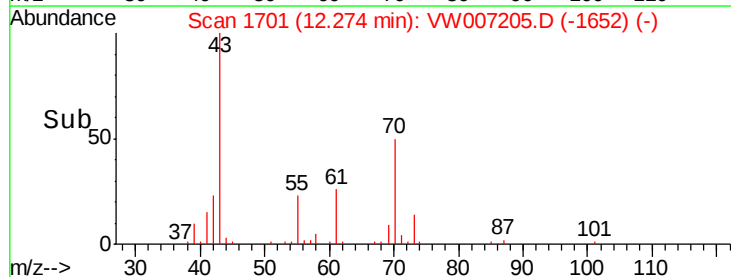
10000

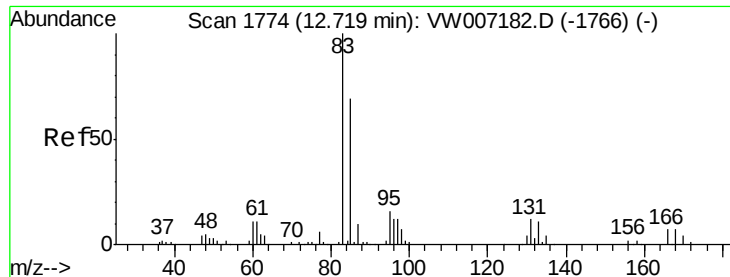
5000

0

12.20 12.25 12.30 12.35

Time-->

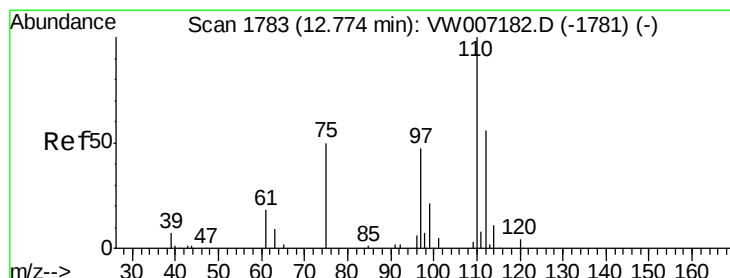
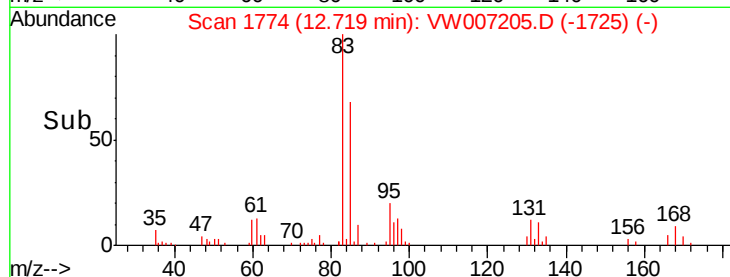
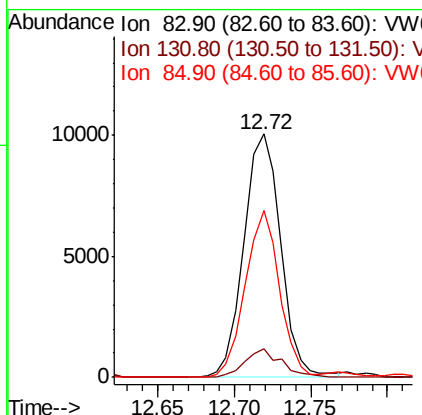
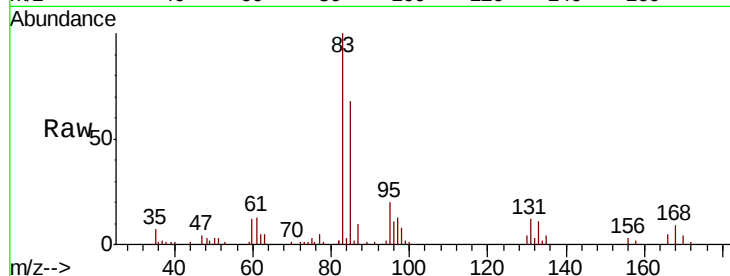




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.608 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

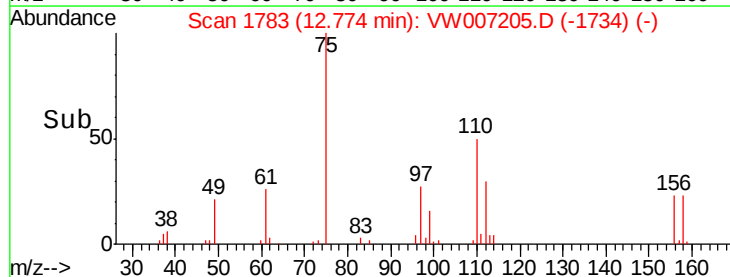
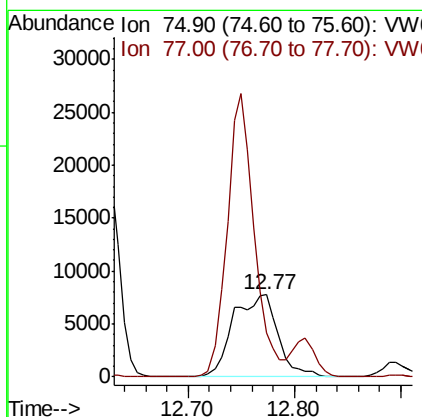
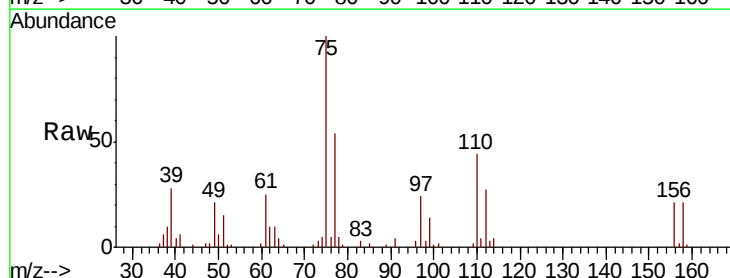
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

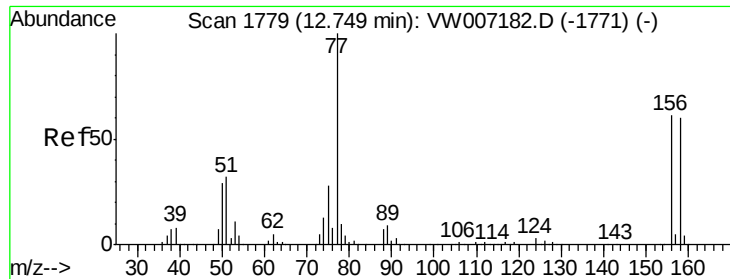
Tot Ion	83	Resp	16935
Ion Ratio	Lower	Upper	
83	100		
131	11.5	6.0	18.1
85	63.4	33.0	99.0



#76
 1,2,3-Trichloropropane
 Concen: 19.550 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion	75	Resp	22857
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.465 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

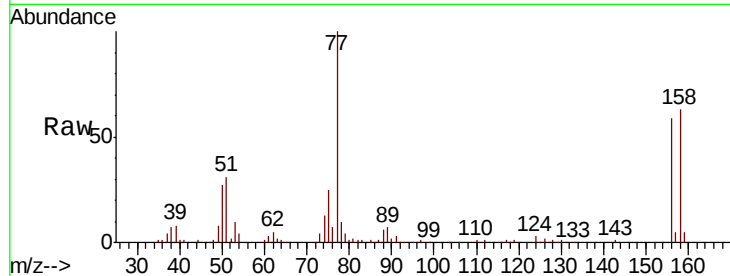
Tot Ion:156 Resp: 26586

Ion Ratio Lower Upper

156 100

77 178.2 92.0 276.1

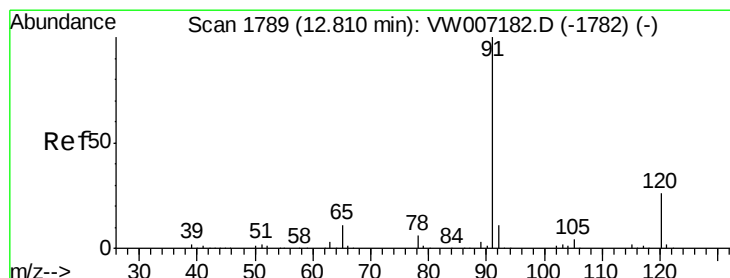
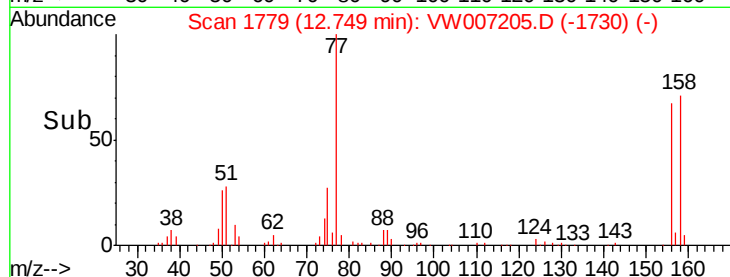
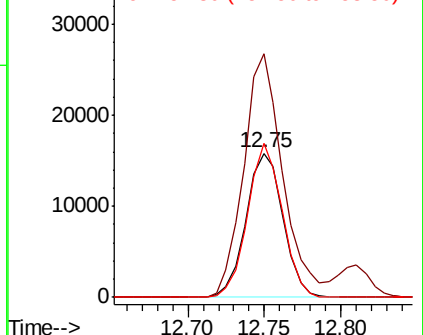
158 100.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.360 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007205.D

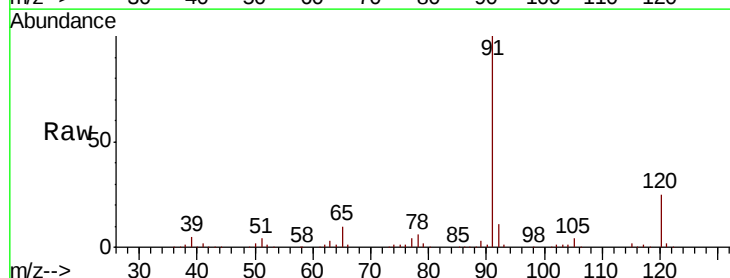
Acq: 05 Dec 2018 01:01

Tgt Ion: 91 Resp: 138406

Ion Ratio Lower Upper

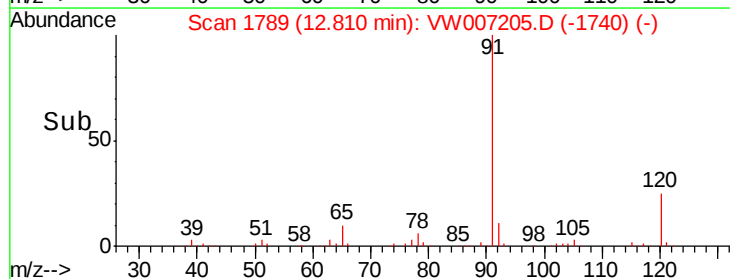
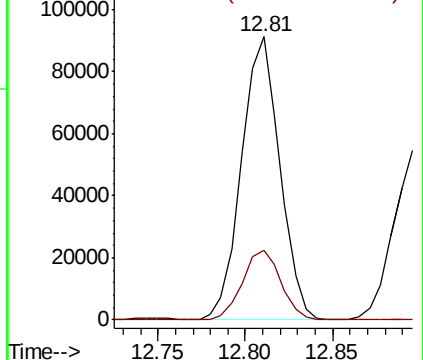
91 100

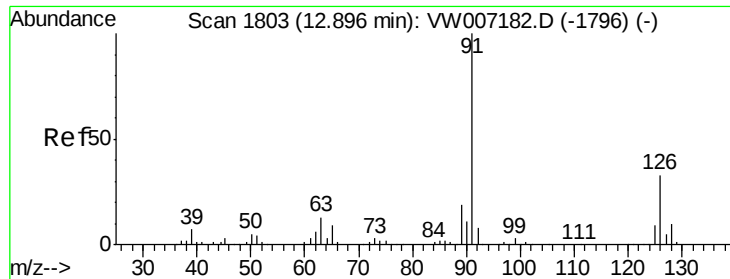
120 24.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

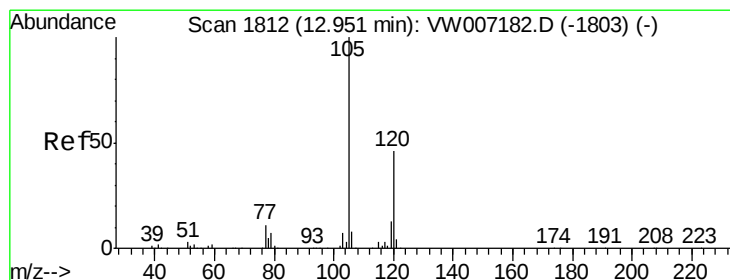
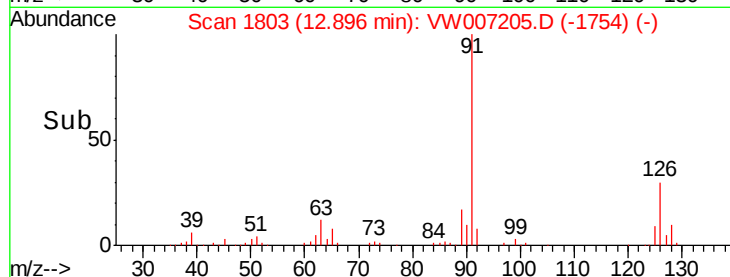
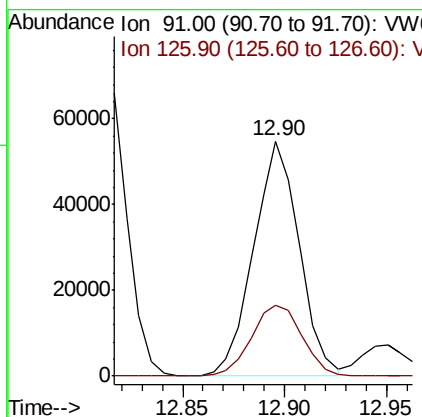
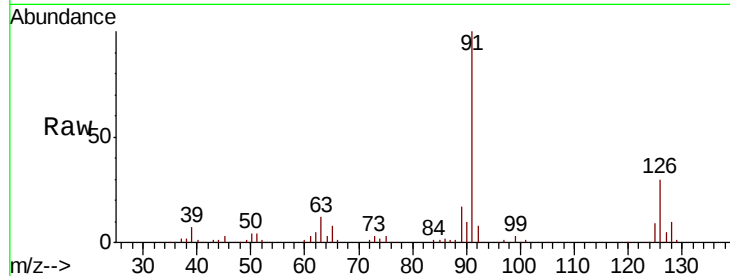




#79
 2-Chlorotoluene
 Concen: 19.937 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

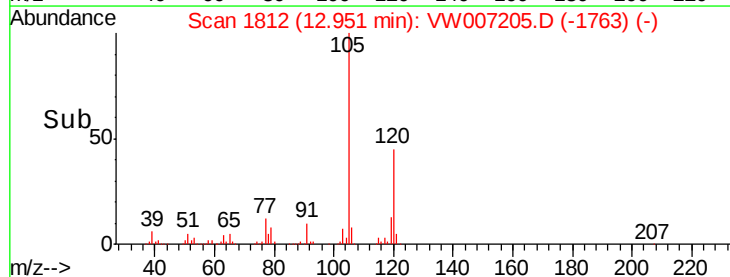
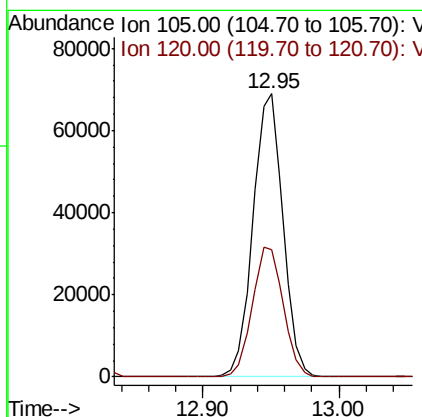
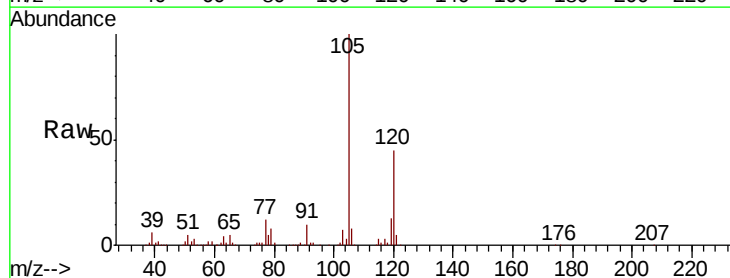
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

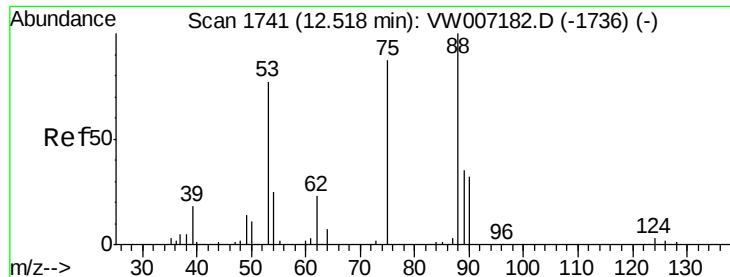
Tot Ion: 91 Resp: 84874
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.688 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion:105 Resp: 106572
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 18.226 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

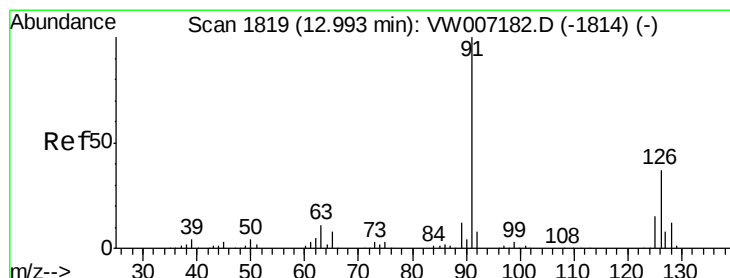
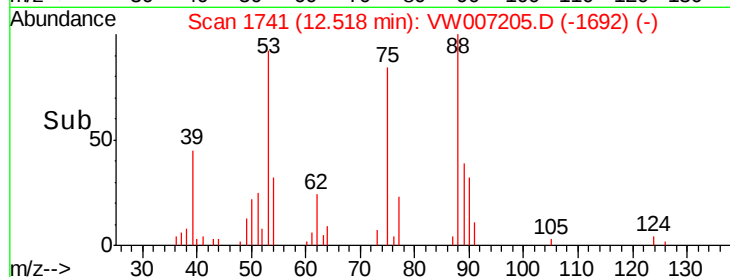
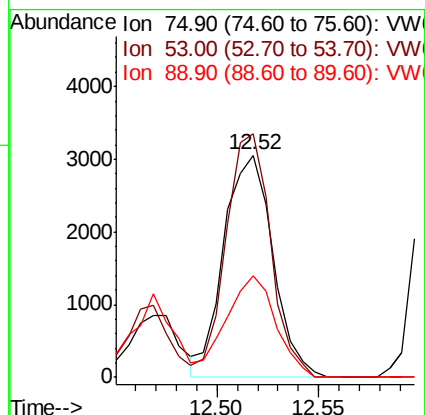
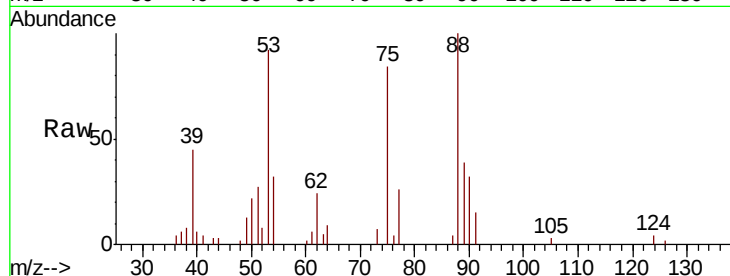
Tot Ion: 75 Resp: 5094

Ion Ratio Lower Upper

75 100

53 99.8 72.8 109.2

89 46.7 36.4 54.6



#82

4-Chlorotoluene

Concen: 19.139 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007205.D

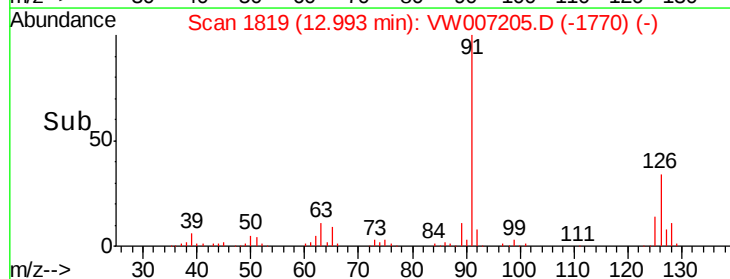
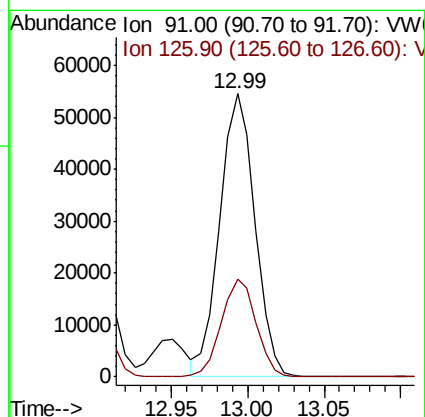
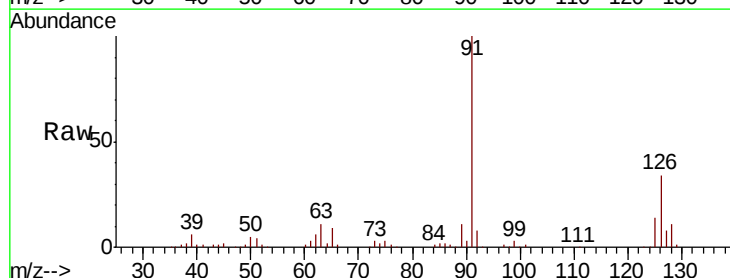
Acq: 05 Dec 2018 01:01

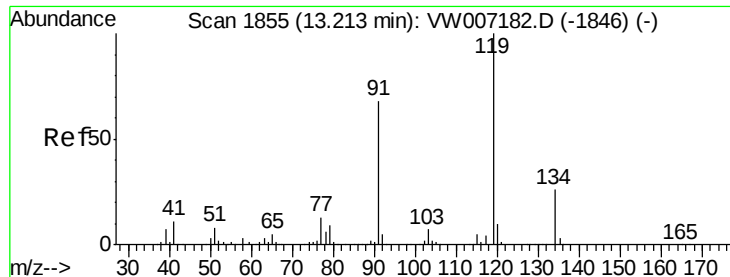
Tgt Ion: 91 Resp: 86675

Ion Ratio Lower Upper

91 100

126 33.9 17.4 52.3





#83

tert-Butylbenzene

Concen: 18.928 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

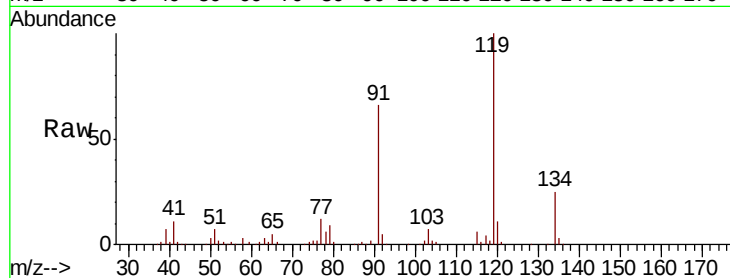
Tot Ion:119 Resp: 89539

Ion Ratio Lower Upper

119 100

91 65.8 34.0 101.8

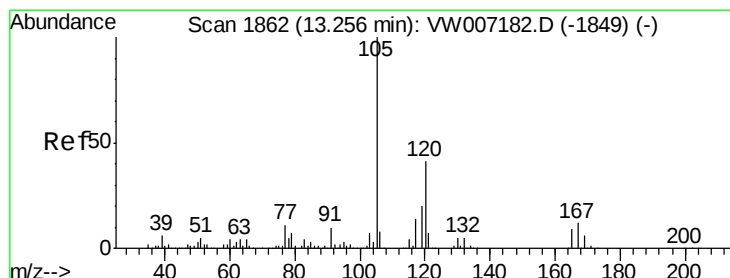
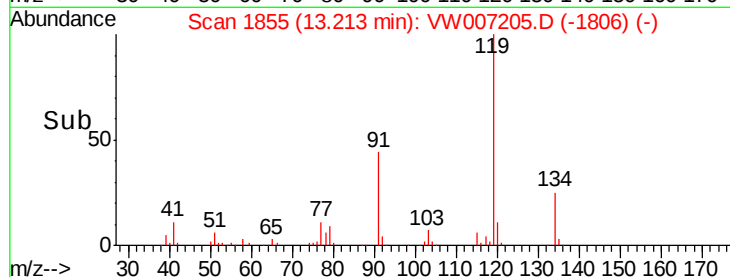
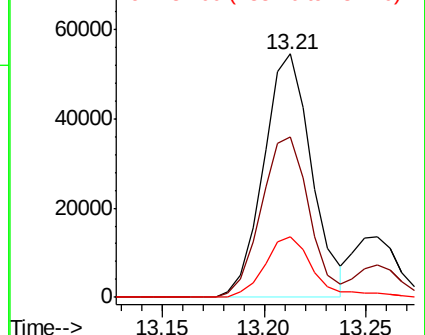
134 25.6 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.936 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007205.D

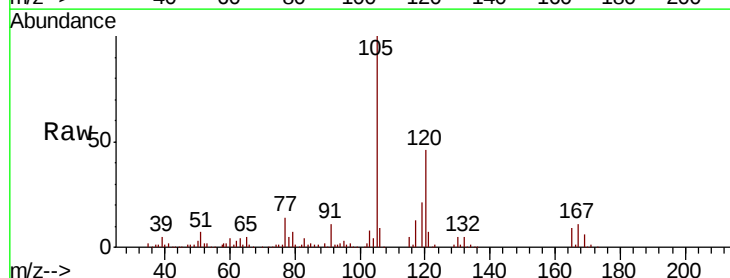
Acq: 05 Dec 2018 01:01

Tgt Ion:105 Resp: 104631

Ion Ratio Lower Upper

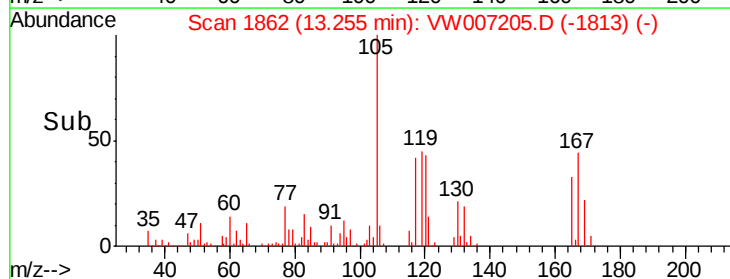
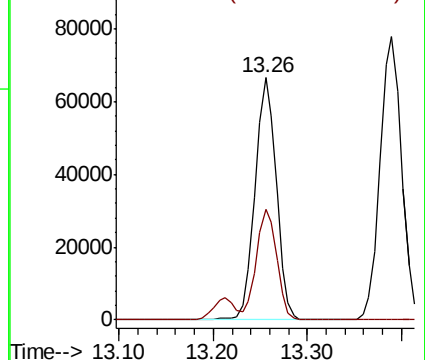
105 100

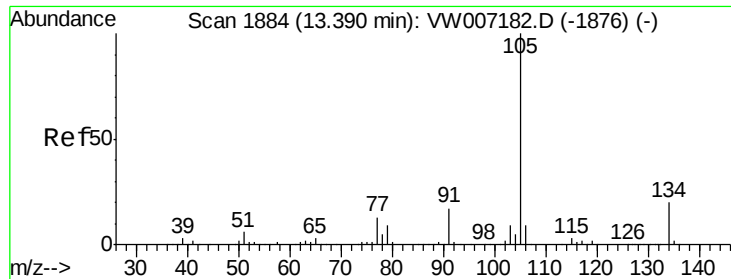
120 43.9 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

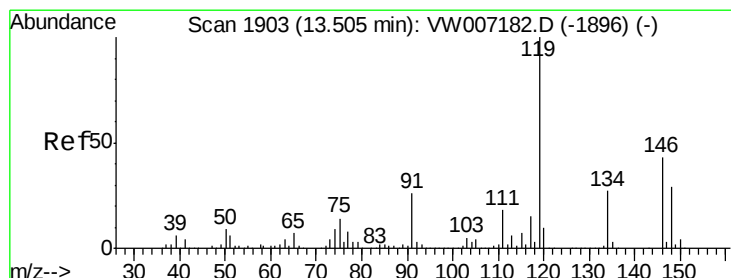
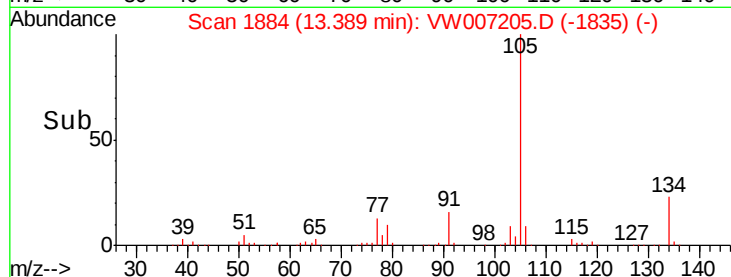
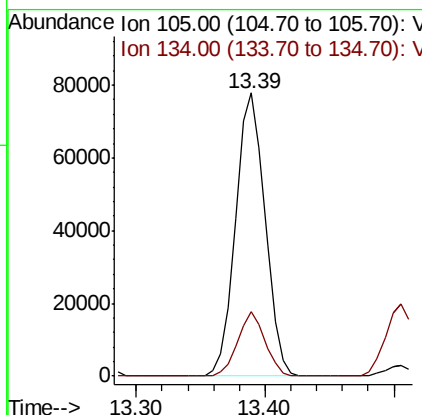
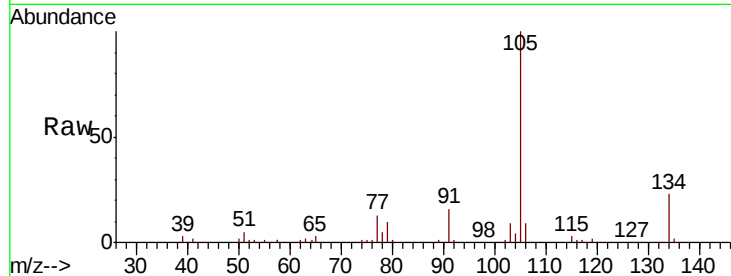




#85
 sec-Butylbenzene
 Concen: 18.286 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

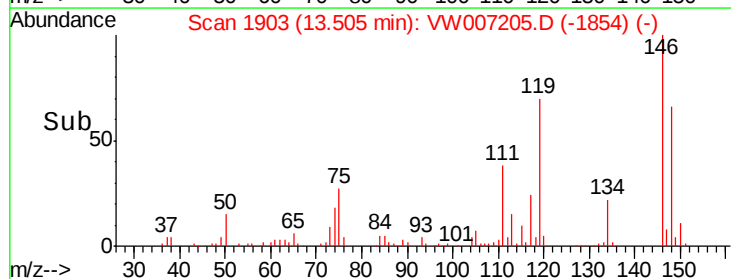
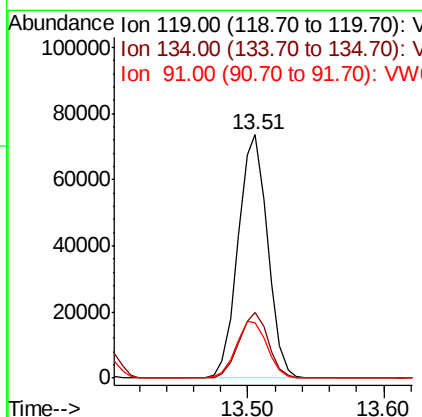
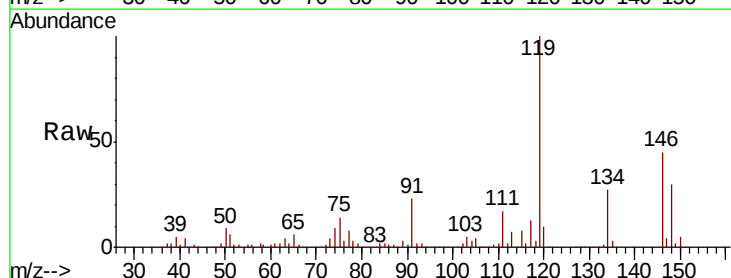
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

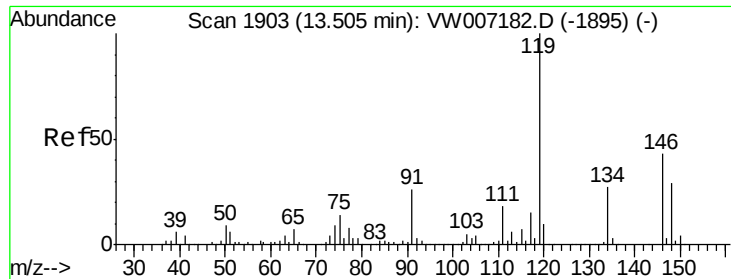
Tot Ion:105 Resp: 123493
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 18.519 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion:119 Resp: 111330
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 24.4 12.4 37.2

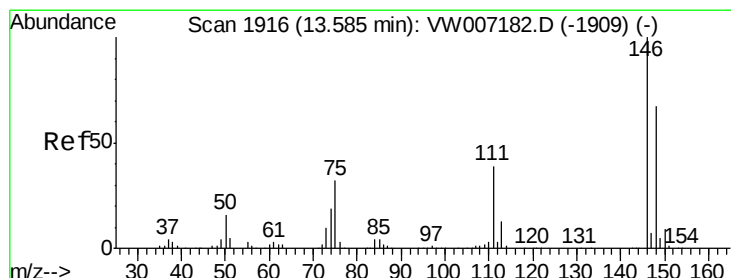
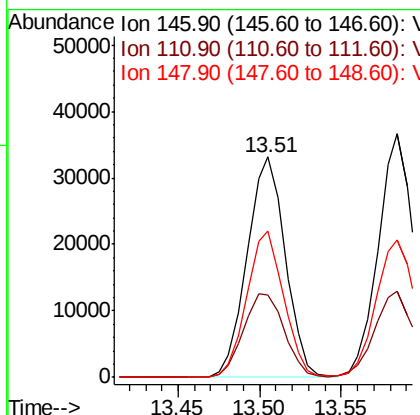
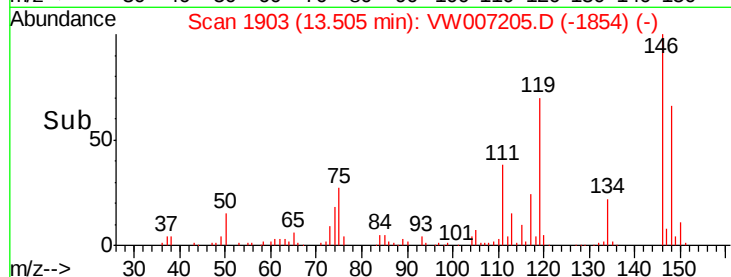
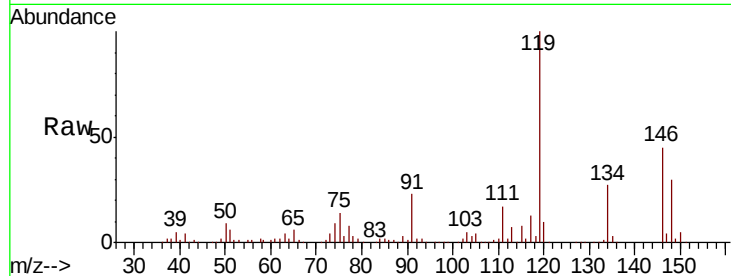




#87
 1,3-Dichlorobenzene
 Concen: 19.336 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

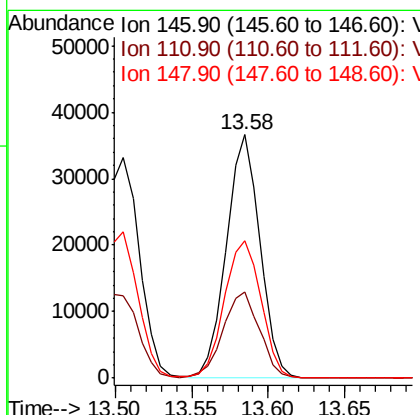
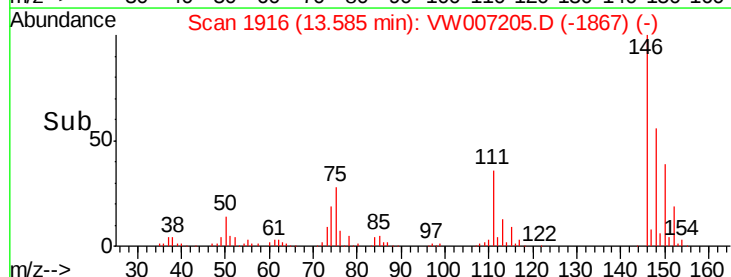
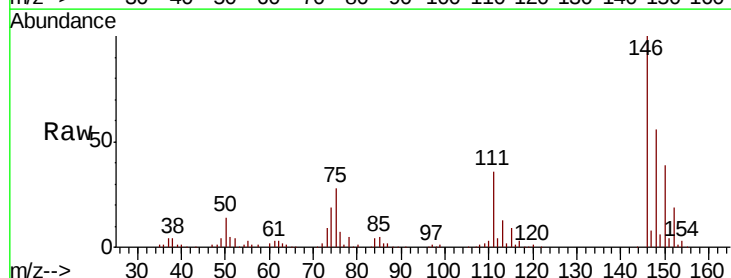
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

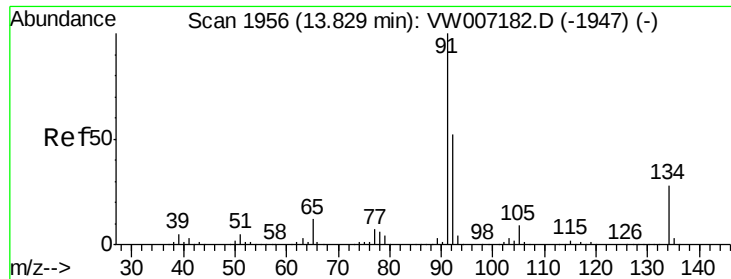
Tot Ion:146 Resp: 54214
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.1 63.4
 148 64.3 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 19.693 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion:146 Resp: 55774
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 61.6 32.6 98.0





#89

n-Butylbenzene

Concen: 17.867 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

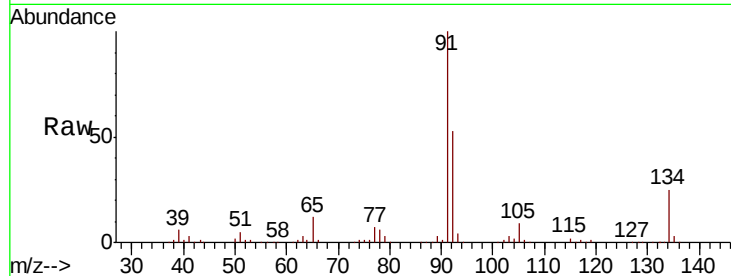
Tot Ion: 91 Resp: 100372

Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.5

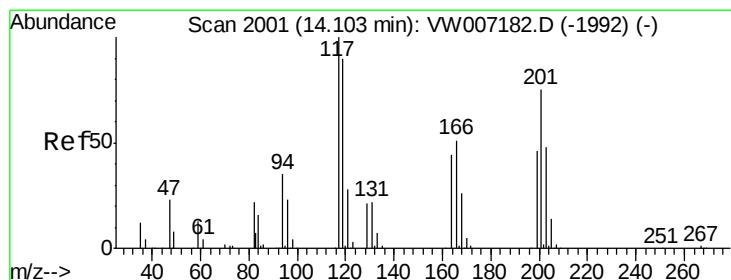
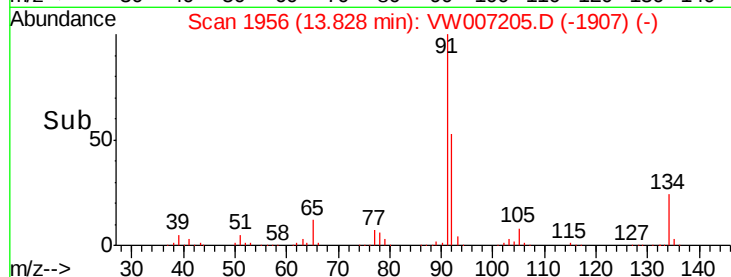
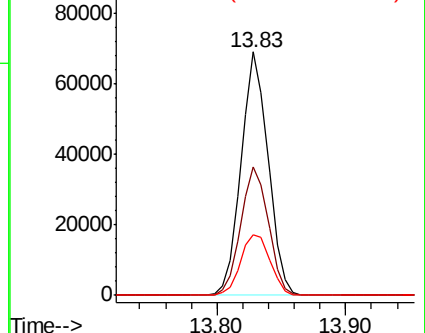
134 27.1 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.396 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007205.D

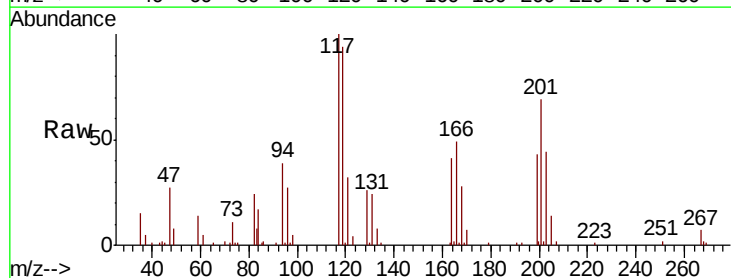
Acq: 05 Dec 2018 01:01

Tgt Ion: 117 Resp: 16853

Ion Ratio Lower Upper

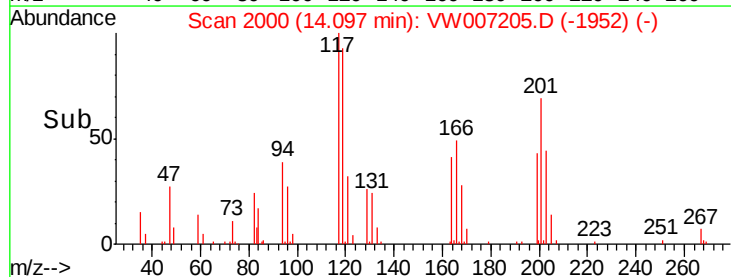
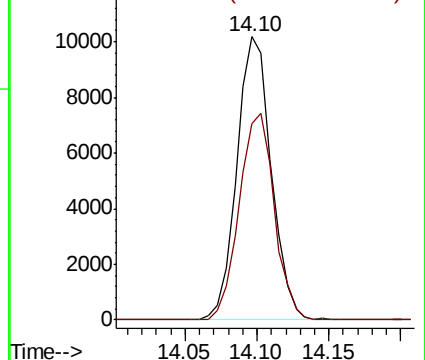
117 100

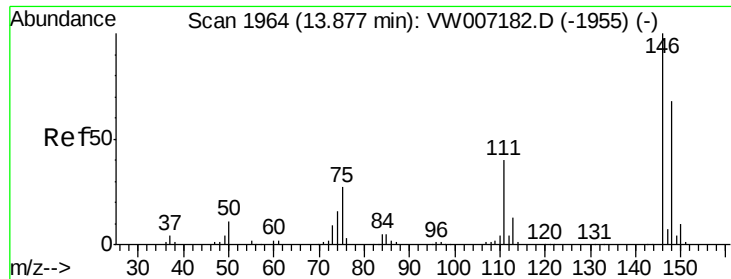
201 74.1 36.0 108.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.695 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

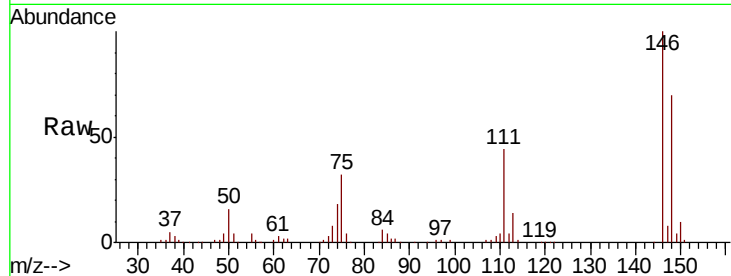
Tot Ion:146 Resp: 47806

Ion Ratio Lower Upper

146 100

111 41.7 21.6 65.0

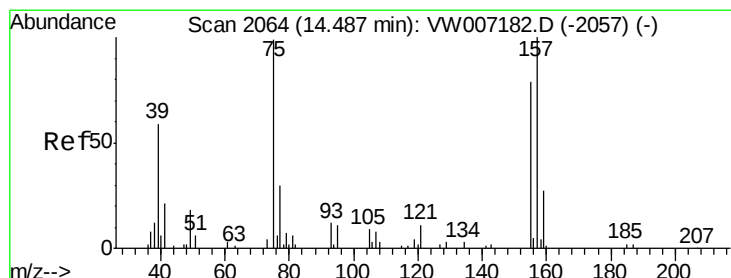
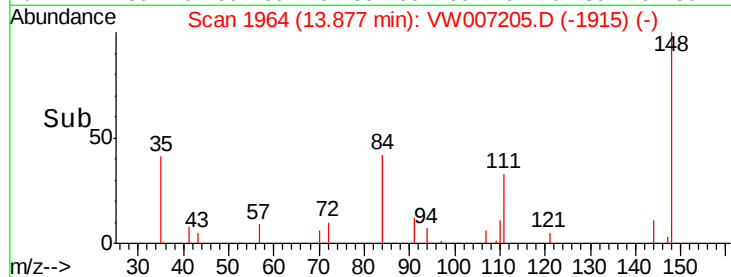
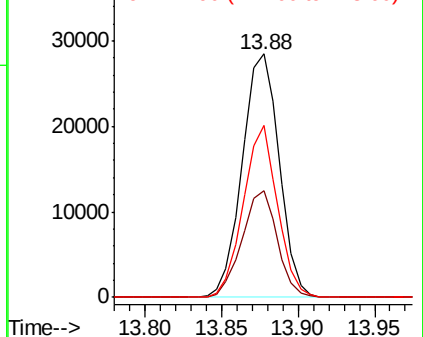
148 65.1 32.7 98.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.537 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW007205.D

Acq: 05 Dec 2018 01:01

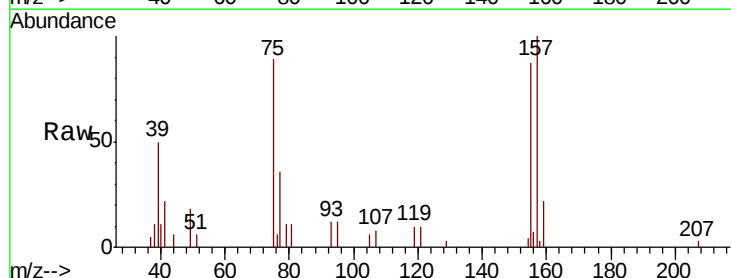
Tgt Ion: 75 Resp: 2951

Ion Ratio Lower Upper

75 100

155 88.0 42.4 127.2

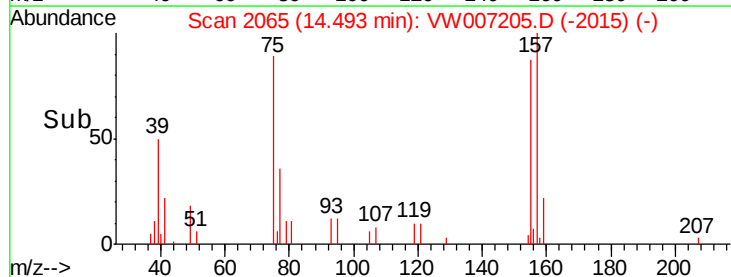
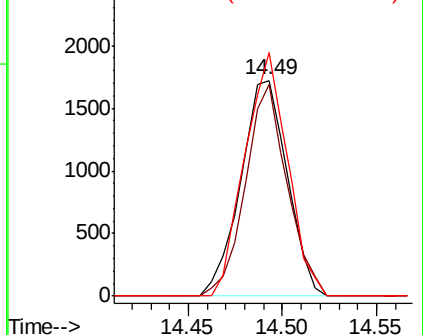
157 103.6 55.3 165.9

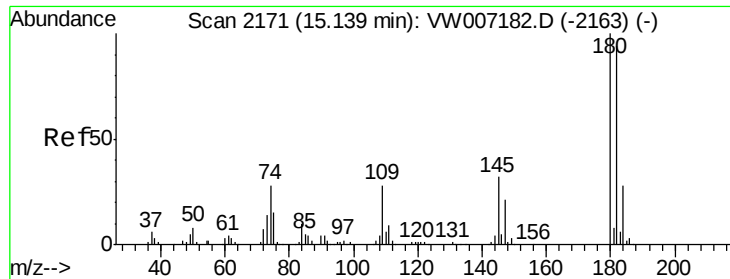


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

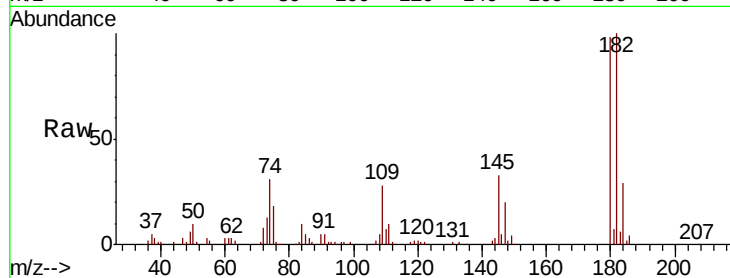




#93
 1,2,4-Trichlorobenzene
 Concen: 18.274 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.9	47.9	143.8
145	32.5	16.6	49.7

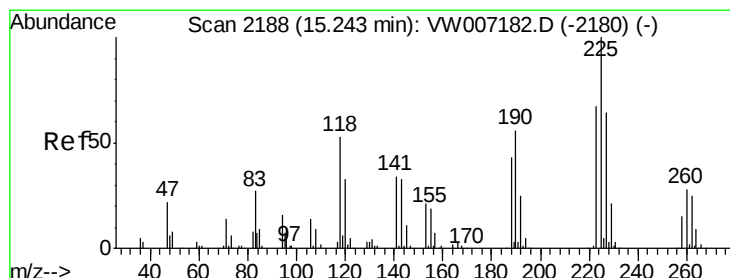
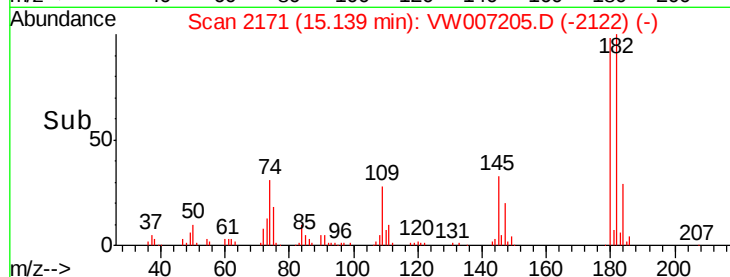
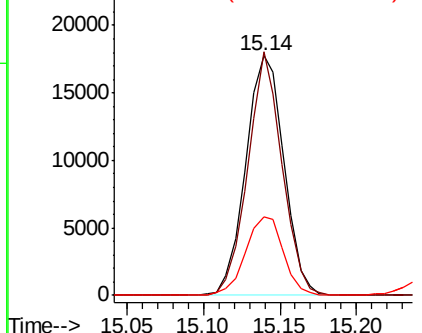


Abundance

Ion 179.80 (179.50 to 180.50): V

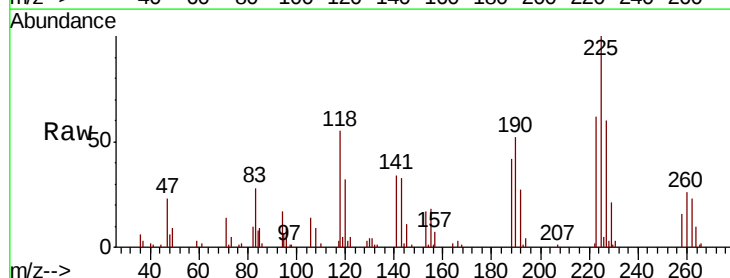
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.182 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007205.D
 Acq: 05 Dec 2018 01:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.3	96.8
227	62.4	32.1	96.3

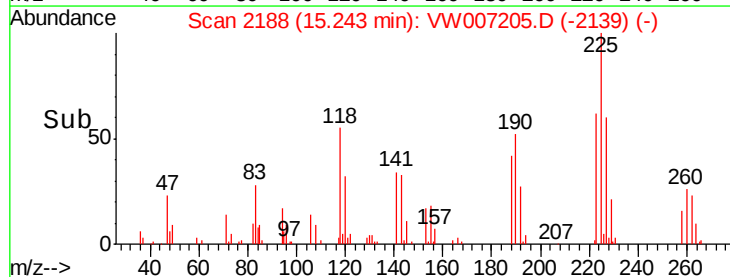
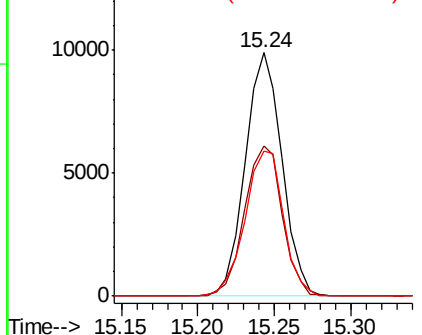


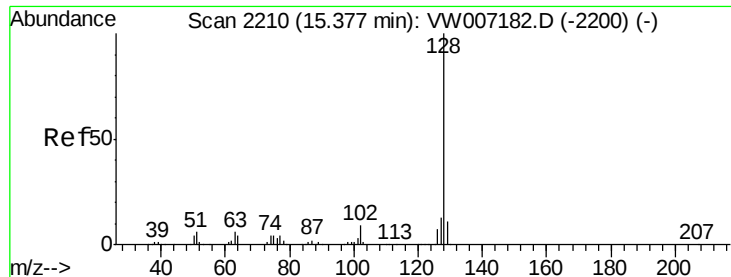
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

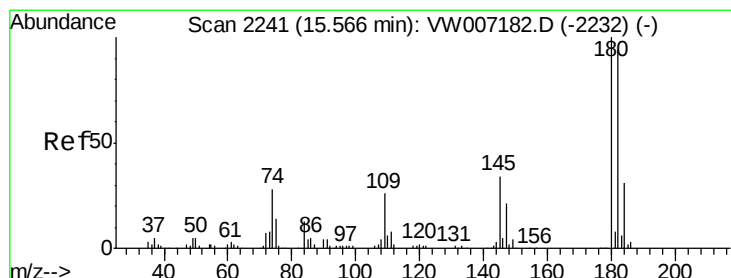
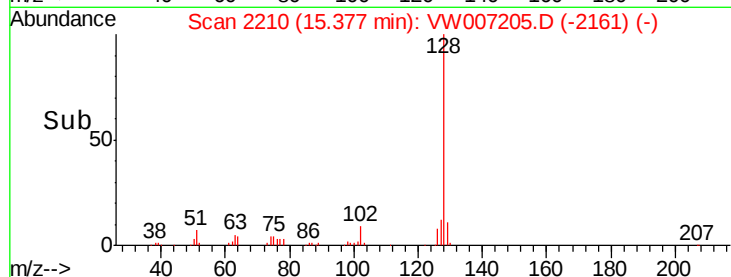
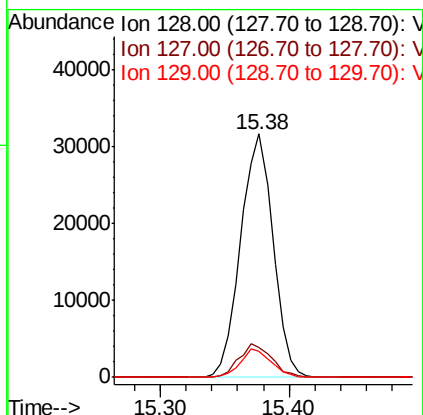
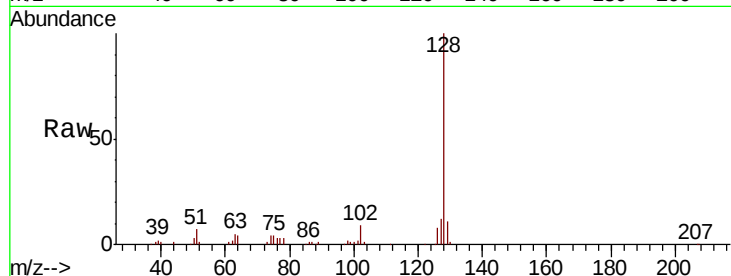




#95
Naphthalene
Concen: 18.295 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.155 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007205.D
Acq: 05 Dec 2018 01:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.4	142.2
145	35.7	17.6	52.8

