

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006604.D
 Acq On : 02 Nov 2018 16:32
 Operator : SY/AP
 Sample : VW1103SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Quant Time: Nov 03 00:25:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110583	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.88	113	116088	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.32	98	449250	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	159441	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30409	22.991	ug/l	99
3) Chloromethane	2.21	50	37616	22.986	ug/l	99
4) Vinyl Chloride	2.37	62	53884	23.582	ug/l	98
5) Bromomethane	2.78	94	43942	22.915	ug/l	98
6) Chloroethane	2.92	64	35700	22.361	ug/l	94
7) Trichlorofluoromethane	3.26	101	48681	24.126	ug/l	94
8) Diethyl Ether	3.67	74	23448	21.258	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49804	23.114	ug/l	98
10) Methyl Iodide	4.27	142	78208	20.018	ug/l	99
11) Tert butyl alcohol	5.18	59	15837	134.025	ug/l	98
12) 1,1-Dichloroethene	4.03	96	45351	21.792	ug/l	96
13) Acrolein	3.89	56	14486	97.471	ug/l	98
14) Allyl chloride	4.66	41	57917	21.320	ug/l	99
15) Acrylonitrile	5.37	53	45199	114.285	ug/l	99
16) Acetone	4.12	43	56704	160.144	ug/l	97
17) Carbon Disulfide	4.37	76	132324	22.344	ug/l	100
18) Methyl Acetate	4.67	43	22503	22.101	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	62710	20.244	ug/l	98
20) Methylene Chloride	4.91	84	48618	17.278	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	51947	22.059	ug/l	98
22) Diisopropyl ether	6.31	45	118067	20.848	ug/l	98
23) Vinyl Acetate	6.26	43	346550	110.347	ug/l	99
24) 1,1-Dichloroethane	6.21	63	81888	21.335	ug/l	100
25) 2-Butanone	7.17	43	67215	133.030	ug/l	98
26) 2,2-Dichloropropane	7.17	77	53653	23.206	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	55446	21.046	ug/l	98
28) Bromochloromethane	7.51	49	31380	20.590	ug/l	96
29) Tetrahydrofuran	7.53	42	35858	112.833	ug/l	98
30) Chloroform	7.68	83	89504	21.269	ug/l	98
31) Cyclohexane	7.96	56	76019	21.761	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	76735	21.550	ug/l	99
36) 1,1-Dichloropropene	8.08	75	71916	22.786	ug/l	99
37) Ethyl Acetate	7.26	43	24688	22.572	ug/l	99
38) Carbon Tetrachloride	8.07	117	75417	22.868	ug/l	97

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 ALS Vial : 5 Sample Multiplier: 1

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 VW1104SBSD01

Quant Time: Nov 03 00:25:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93066	23.236	ug/l	97
40) Benzene	8.32	78	199996	22.309	ug/l	99
41) Methacrylonitrile	7.49	41	15248	22.735	ug/l	97
42) 1,2-Dichloroethane	8.40	62	56243	21.876	ug/l	99
43) Isopropyl Acetate	8.43	43	48446	22.197	ug/l	99
44) Trichloroethene	9.09	130	61393	22.193	ug/l	97
45) 1,2-Dichloropropane	9.37	63	45514	21.816	ug/l	99
46) Dibromomethane	9.46	93	27019	22.032	ug/l	98
47) Bromodichloromethane	9.65	83	61703	21.669	ug/l	99
48) Methyl methacrylate	9.44	41	23140	22.006	ug/l	97
49) 1,4-Dioxane	9.45	88	8445	470.531	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	128824	114.927	ug/l	98
52) Toluene	10.39	92	130908	21.772	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	60798	22.185	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	70791	21.859	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38211	21.960	ug/l	96
56) Ethyl methacrylate	10.65	69	42507	21.493	ug/l	94
57) 1,3-Dichloropropane	10.93	76	61585	21.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94118	97.897	ug/l	99
59) 2-Hexanone	10.97	43	97888	128.577	ug/l	98
60) Dibromochloromethane	11.13	129	44397	21.535	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36942	21.379	ug/l	99
64) Tetrachloroethene	10.87	164	55077	21.064	ug/l	99
65) Chlorobenzene	11.66	112	153693	22.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52481	21.633	ug/l	98
67) Ethyl Benzene	11.74	91	256918	22.269	ug/l	100
68) m/p-Xylenes	11.84	106	208023	45.132	ug/l	100
69) o-Xylene	12.17	106	95809	21.834	ug/l	99
70) Styrene	12.18	104	158813	22.199	ug/l	100
71) Bromoform	12.35	173	27996	21.770	ug/l #	100
73) Isopropylbenzene	12.47	105	269300	21.800	ug/l	100
74) N-amyl acetate	12.27	43	48746	22.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43584	22.338	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55293	37.791	ug/l #	100
77) Bromobenzene	12.75	156	68488	21.413	ug/l	99
78) n-propylbenzene	12.81	91	321854	22.652	ug/l	100
79) 2-Chlorotoluene	12.90	91	176958	21.701	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	231624	22.318	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11573	22.055	ug/l	97
82) 4-Chlorotoluene	12.99	91	190699	22.105	ug/l	99
83) tert-Butylbenzene	13.21	119	203023	21.936	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	236920	22.256	ug/l	100
85) sec-Butylbenzene	13.39	105	292781	22.587	ug/l	100
86) p-Isopropyltoluene	13.51	119	262444	22.251	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	140127	22.246	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138692	22.213	ug/l	99
89) n-Butylbenzene	13.83	91	242414	23.153	ug/l	100
90) Hexachloroethane	14.10	117	42209	21.774	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	124816	22.029	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6864	21.681	ug/l	98

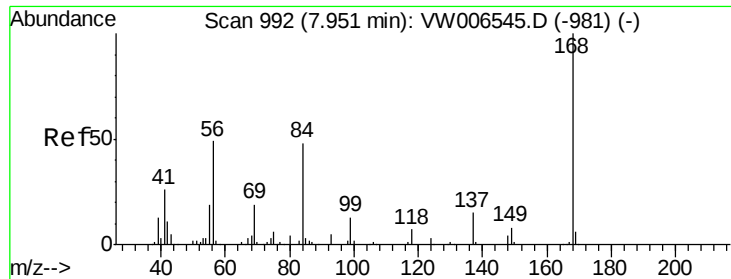
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
Data File : VW006604.D
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Instrument :
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ClientSampleId :
VW1104SBSD01

Quant Time: Nov 03 00:25:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	93093	22.096	ug/l	100
94) Hexachlorobutadiene	15.24	225	59856	22.796	ug/l	99
95) Naphthalene	15.38	128	146132	21.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	80948	21.862	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: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

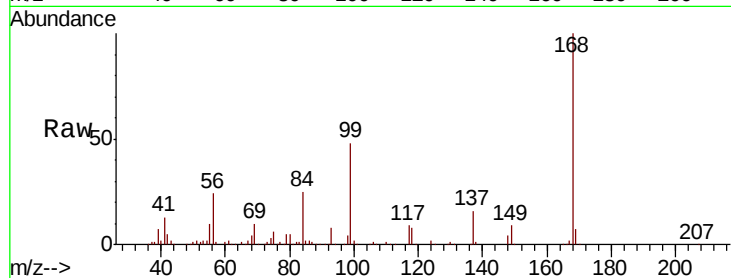
VW1104SBSD01

Tgt Ion:168 Resp: 255137

Ion Ratio Lower Upper

168 100

99 48.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

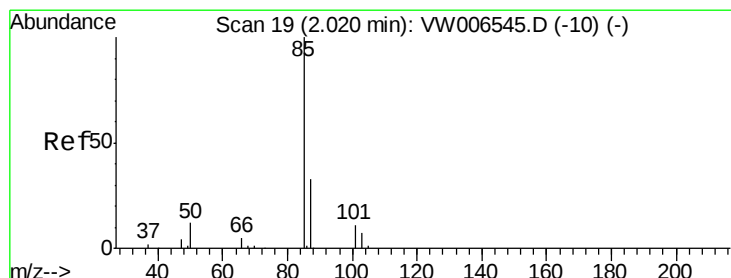
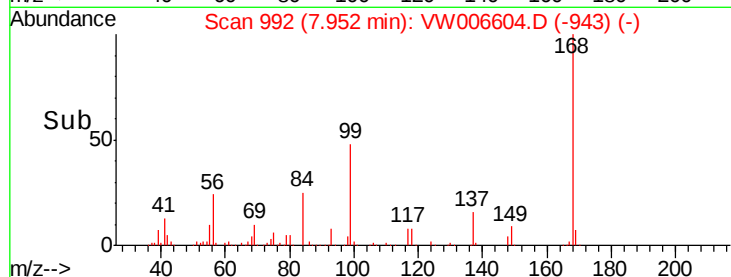
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.991 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006604.D

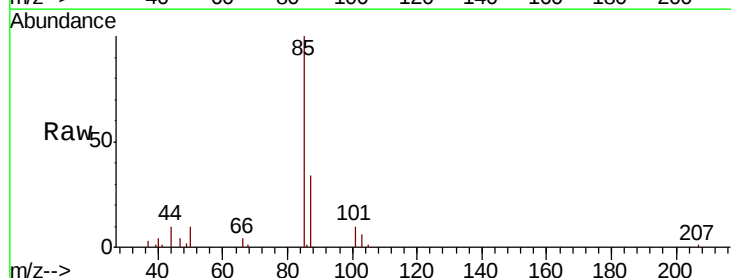
Acq: 02 Nov 2018 16:32

Tgt Ion: 85 Resp: 30409

Ion Ratio Lower Upper

85 100

87 34.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

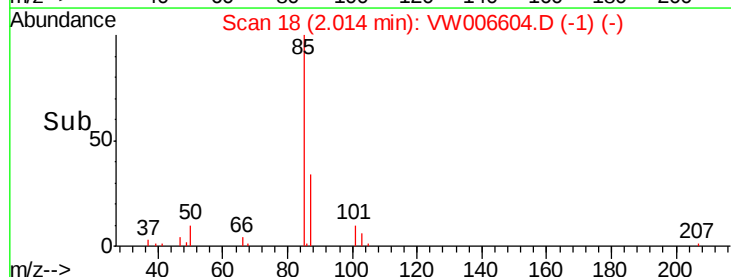
6000

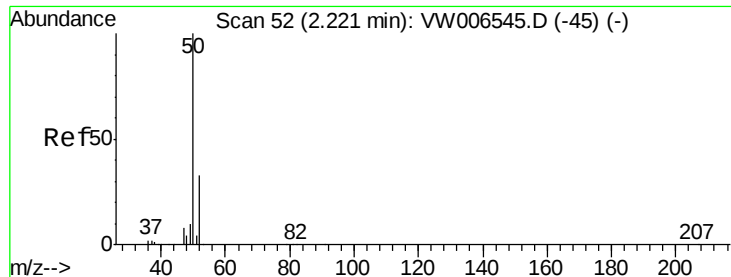
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 22.986 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

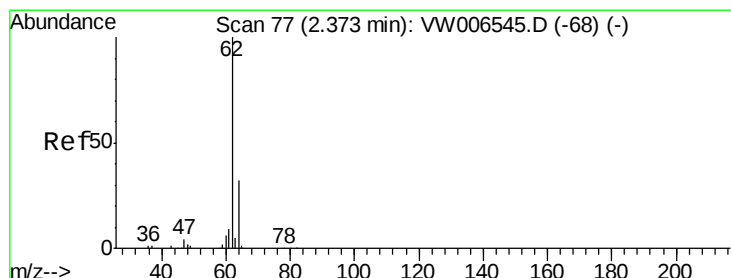
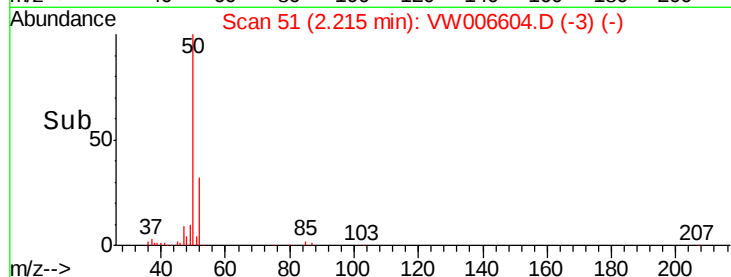
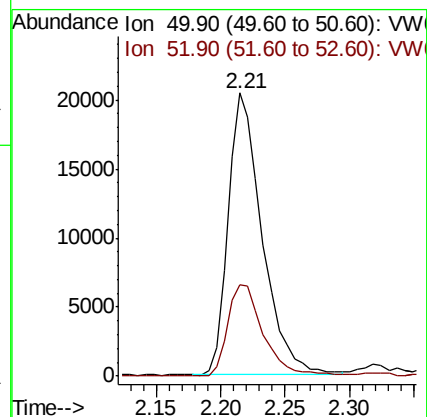
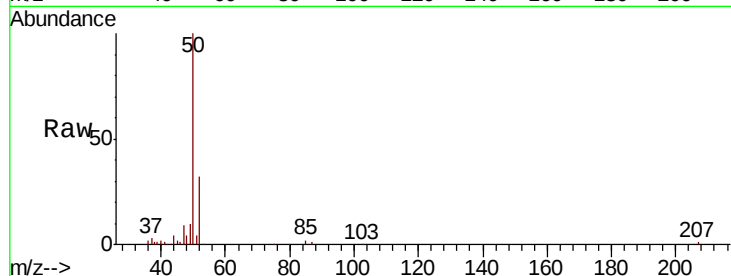
VW1104SBSD01

Tgt Ion: 50 Resp: 37616

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.4



#4

Vinyl Chloride

Concen: 23.582 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006604.D

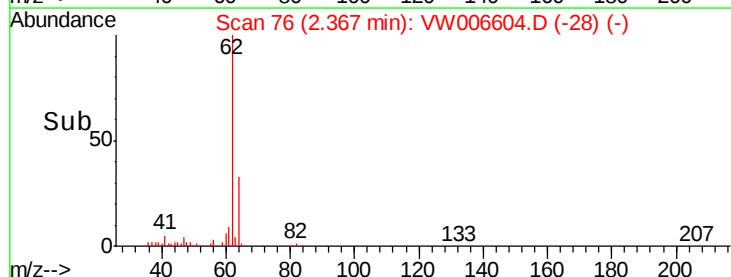
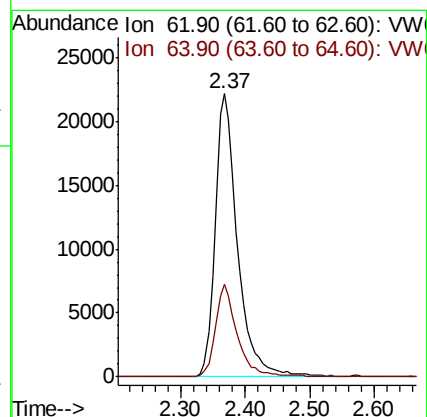
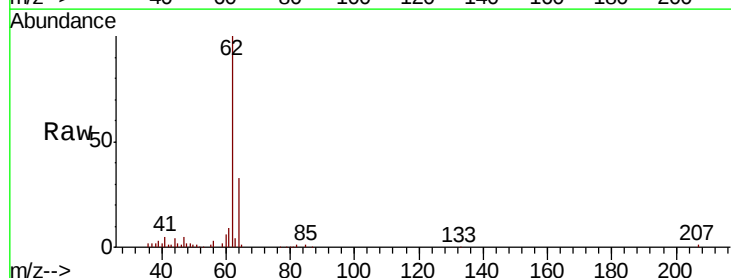
Acq: 02 Nov 2018 16:32

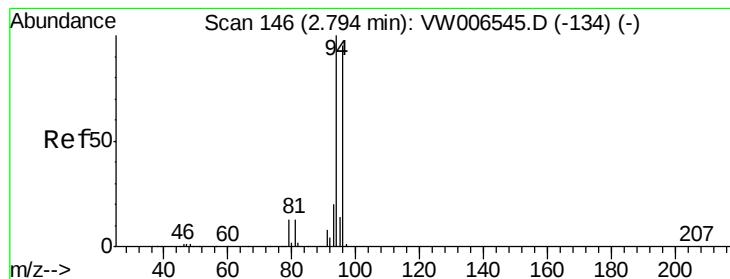
Tgt Ion: 62 Resp: 53884

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0





#5

Bromomethane

Concen: 22.915 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

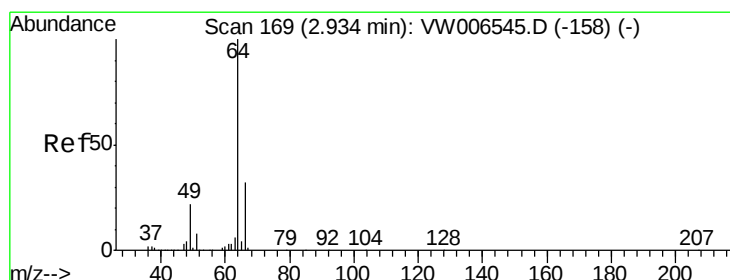
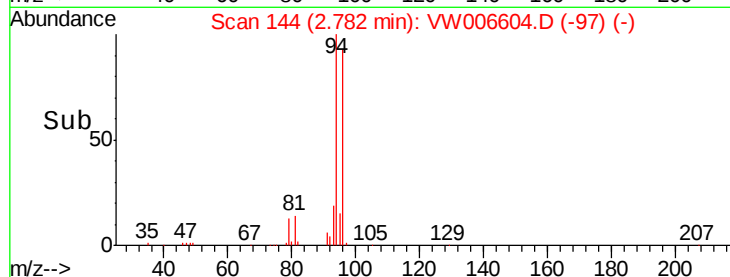
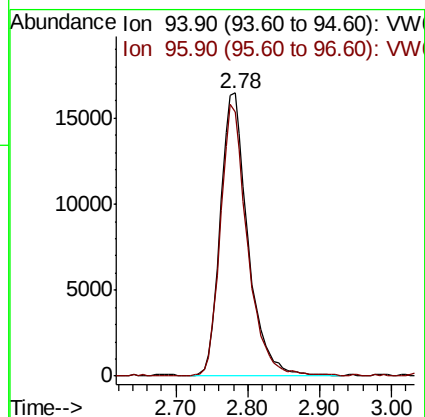
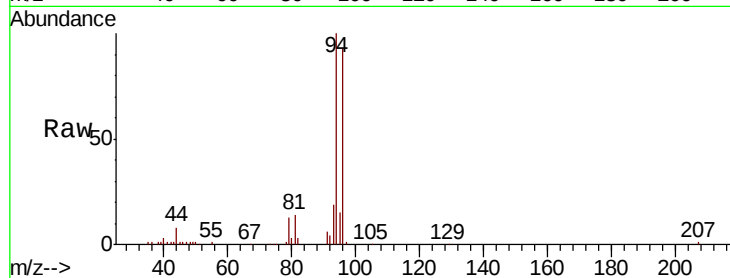
VW1104SBSD01

Tgt Ion: 94 Resp: 43942

Ion Ratio Lower Upper

94 100

96 93.1 75.7 113.5



#6

Chloroethane

Concen: 22.361 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006604.D

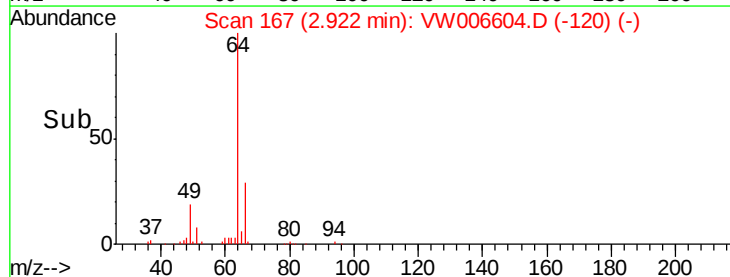
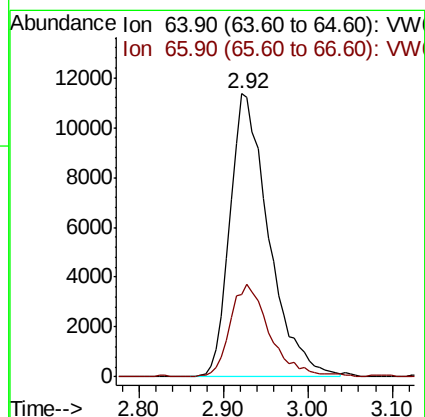
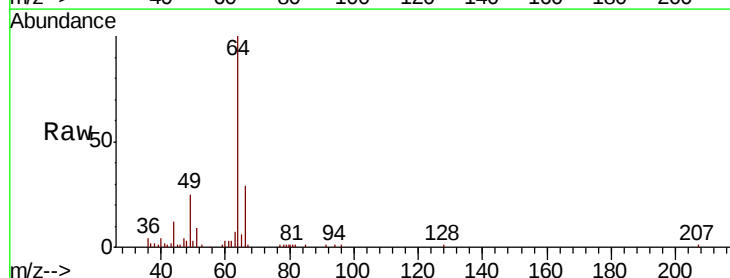
Acq: 02 Nov 2018 16:32

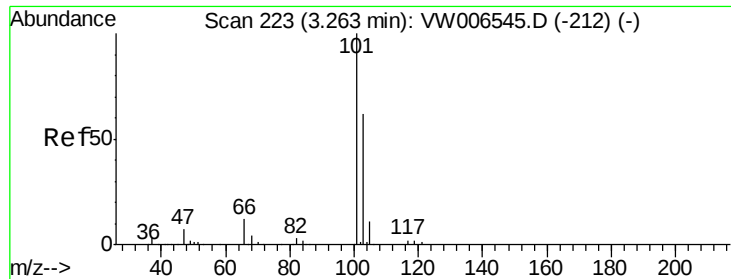
Tgt Ion: 64 Resp: 35700

Ion Ratio Lower Upper

64 100

66 29.1 25.9 38.9



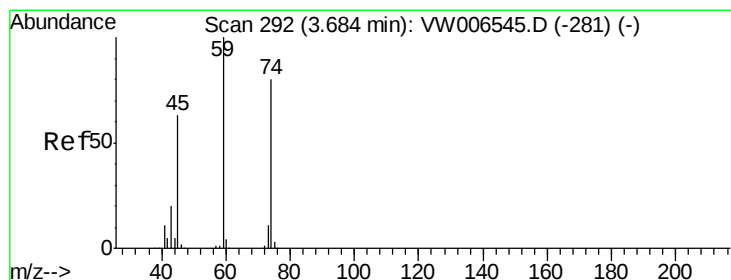
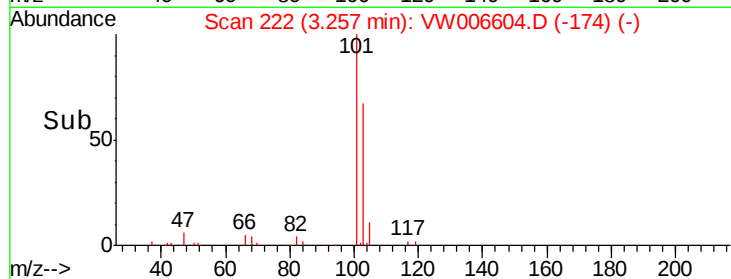
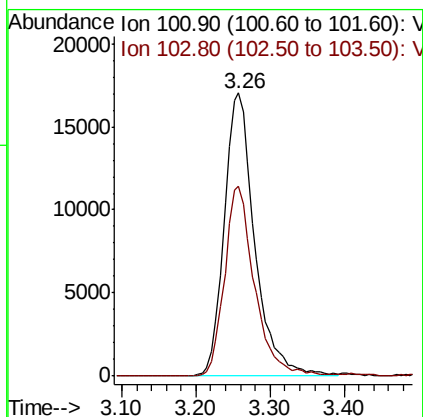
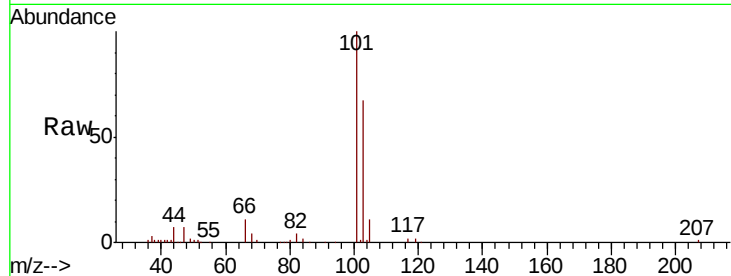


#7

Trichlorofluoromethane
 Concen: 24.126 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Instrument :
 MSVOA_W
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 VW1104SBSD01

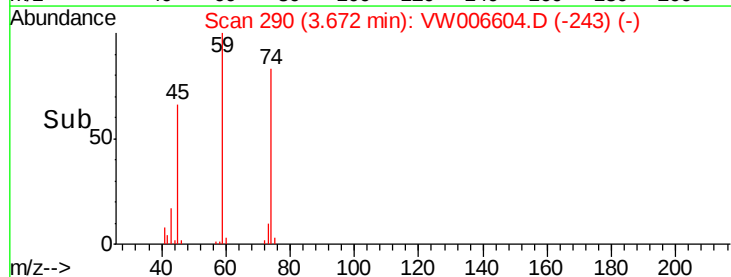
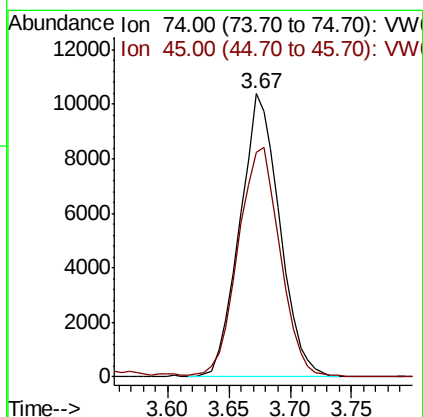
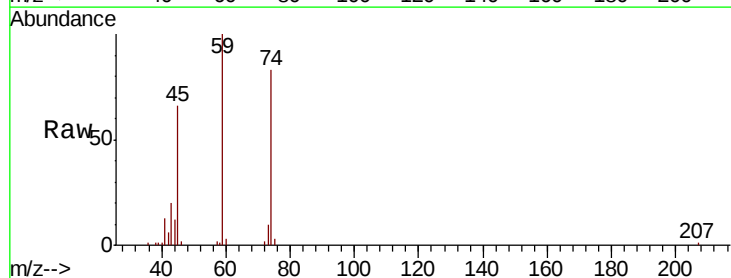
Tgt Ion: 101 Resp: 48681
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.8 74.8

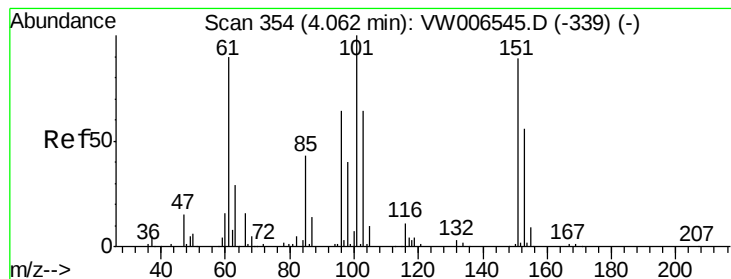


#8

Diethyl Ether
 Concen: 21.258 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion: 74 Resp: 23448
 Ion Ratio Lower Upper
 74 100
 45 85.7 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.114 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

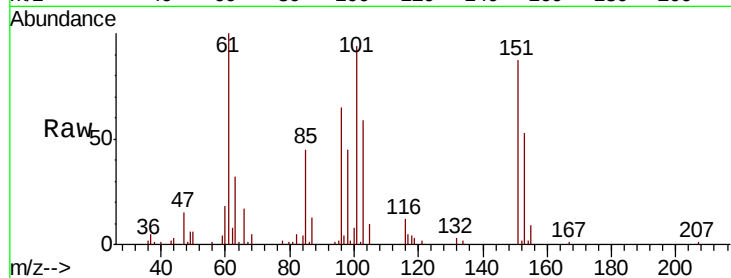
Tgt Ion:101 Resp: 49804

Ion Ratio Lower Upper

101 100

85 42.0 34.2 51.2

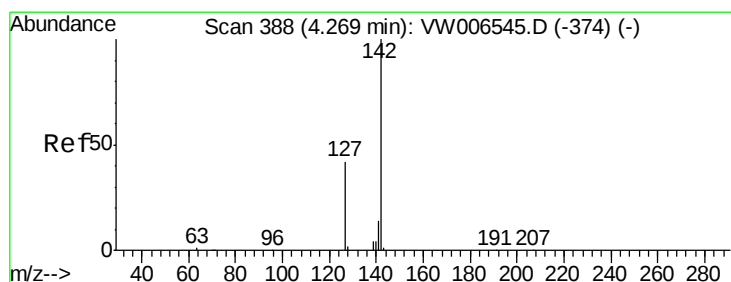
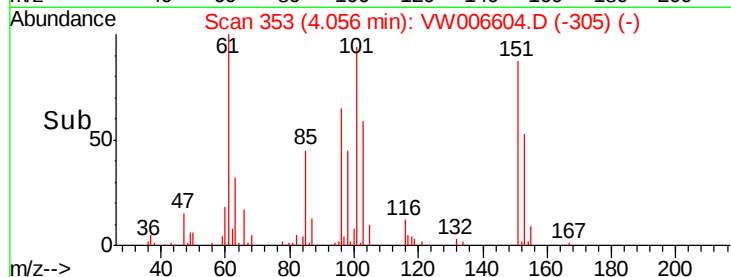
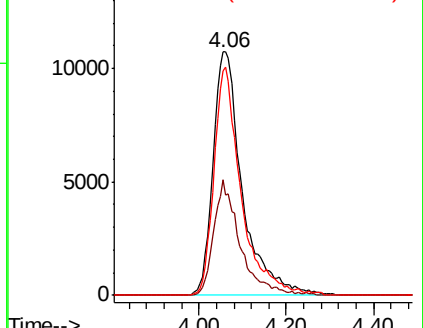
151 86.8 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.018 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

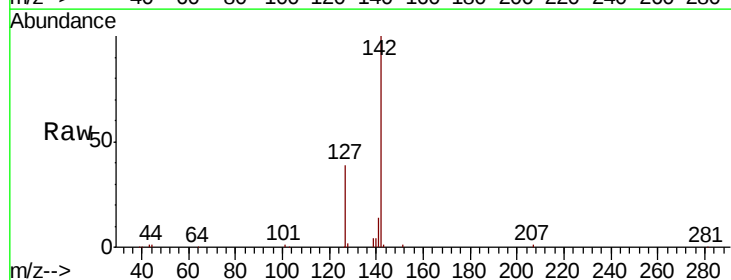
Tgt Ion:142 Resp: 78208

Ion Ratio Lower Upper

142 100

127 40.8 32.3 48.5

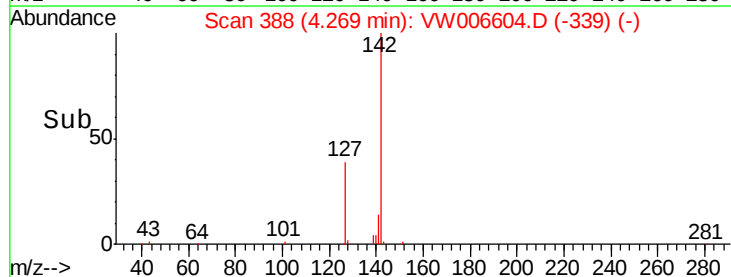
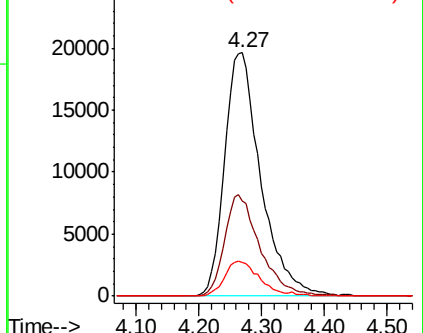
141 14.0 11.3 16.9

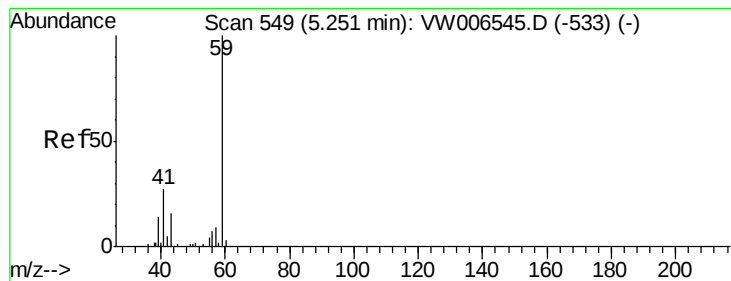


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



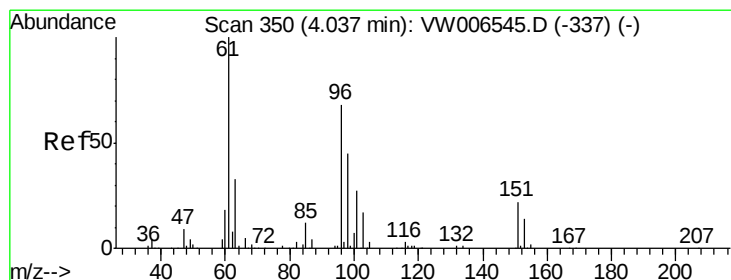
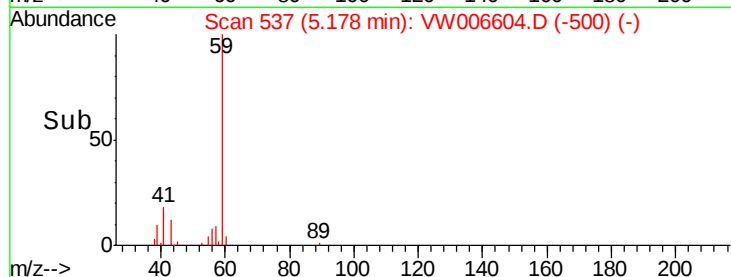
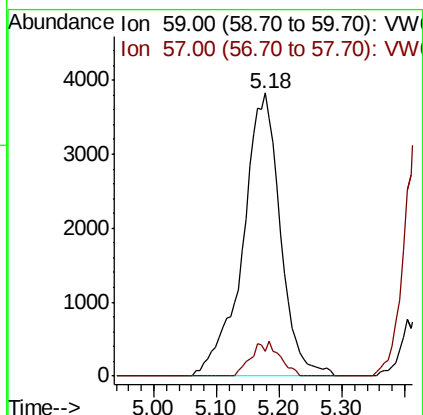
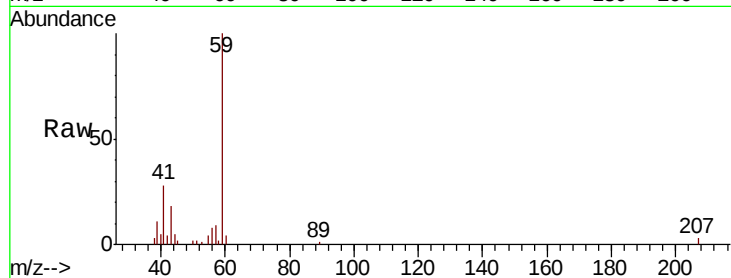


#11

Tert butyl alcohol
Concen: 134.025 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.07 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

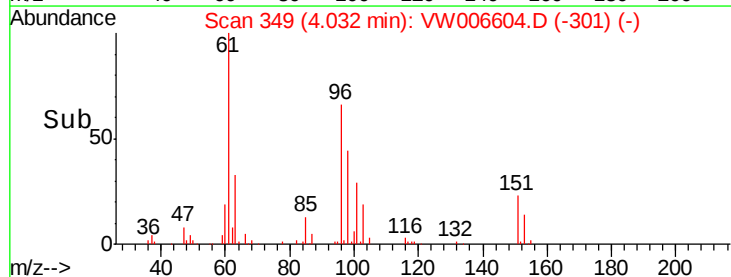
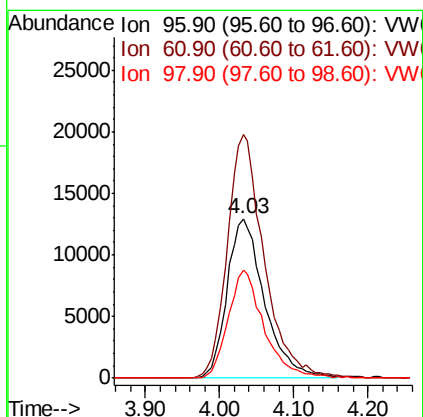
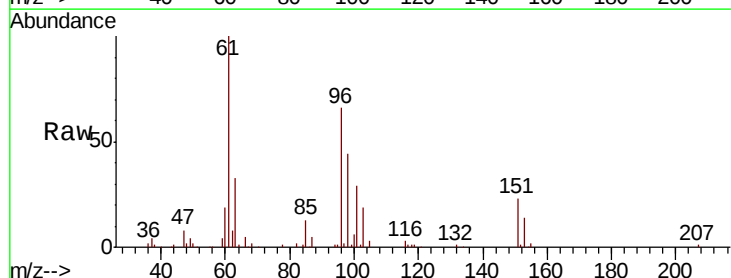
Tgt Ion: 59 Resp: 15837
Ion Ratio Lower Upper
59 100
57 4.8 4.3 6.5

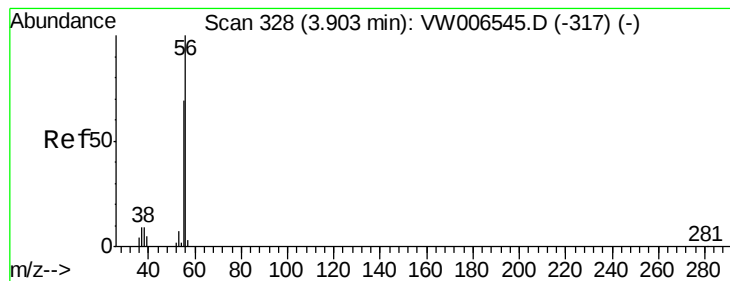


#12

1,1-Dichloroethene
Concen: 21.792 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 96 Resp: 45351
Ion Ratio Lower Upper
96 100
61 152.4 117.0 175.4
98 67.2 52.5 78.7





#13

Acrolein

Concen: 97.471 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

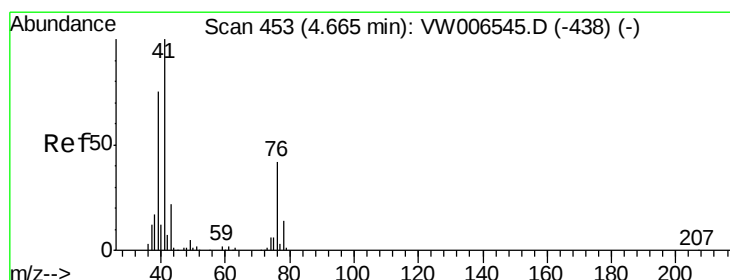
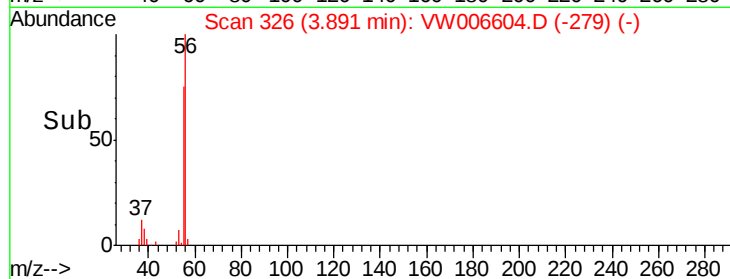
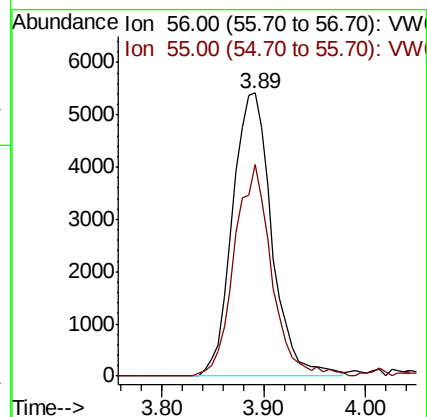
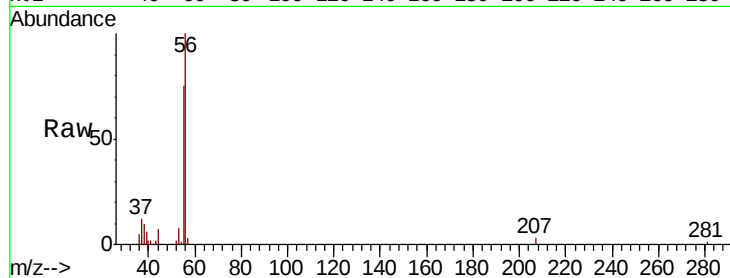
VW1104SBSD01

Tgt Ion: 56 Resp: 14486

Ion Ratio Lower Upper

56 100

55 69.3 56.9 85.3



#14

Allyl chloride

Concen: 21.320 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

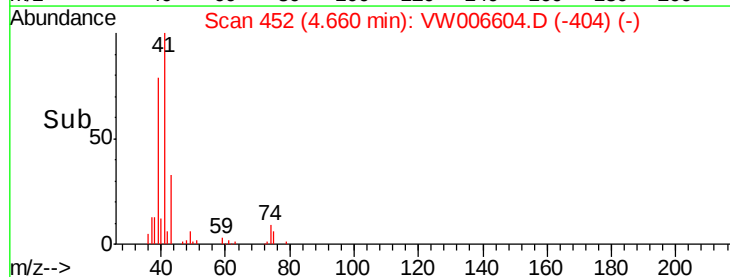
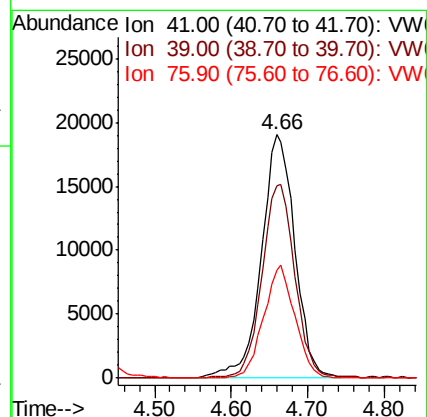
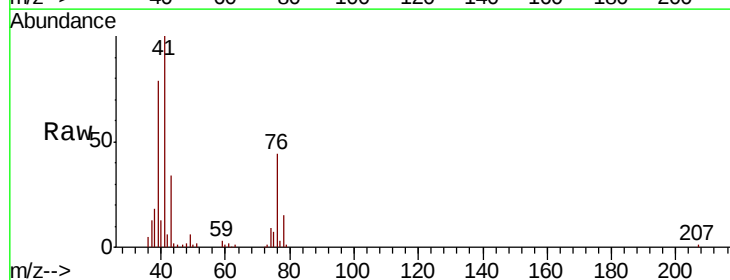
Tgt Ion: 41 Resp: 57917

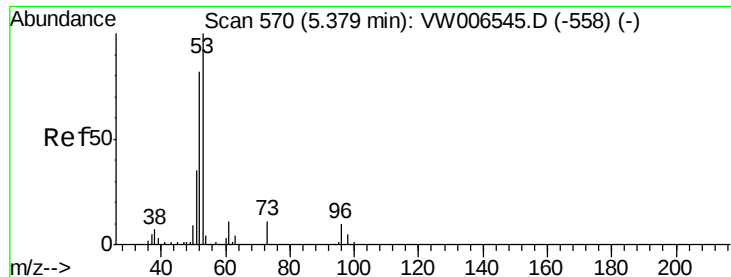
Ion Ratio Lower Upper

41 100

39 78.6 62.1 93.1

76 43.3 34.2 51.2





#15

Acrylonitrile

Concen: 114.285 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

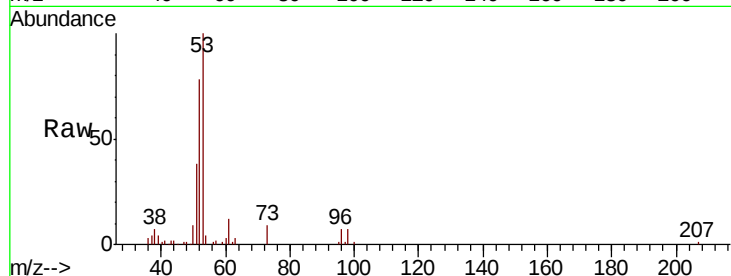
Tgt Ion: 53 Resp: 45199

Ion Ratio Lower Upper

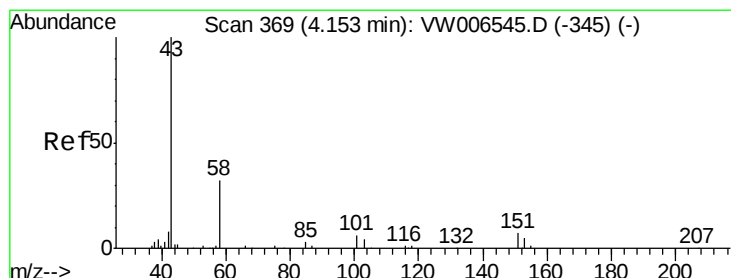
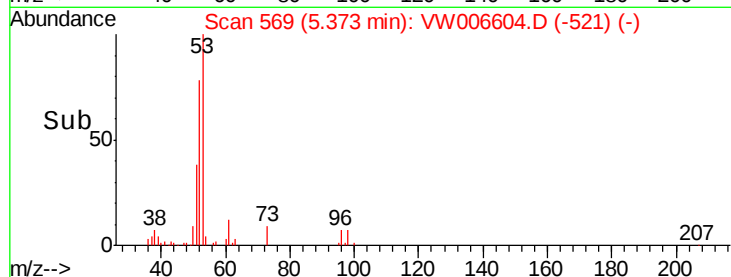
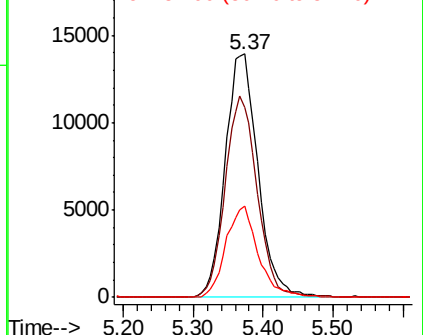
53 100

52 80.7 65.8 98.8

51 37.0 29.6 44.4



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



#16

Acetone

Concen: 160.144 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.04 min

Lab File: VW006604.D

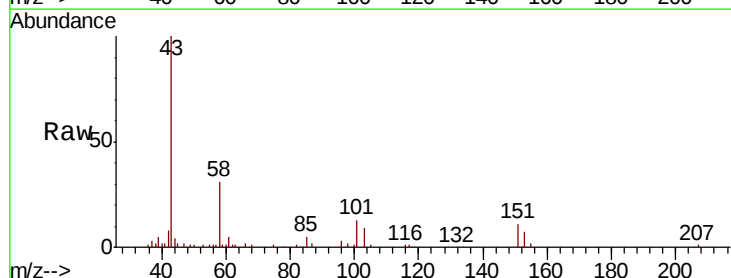
Acq: 02 Nov 2018 16:32

Tgt Ion: 43 Resp: 56704

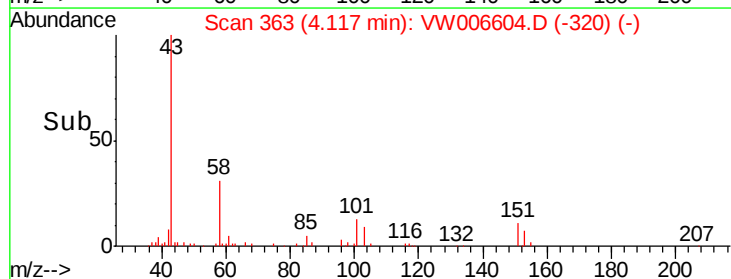
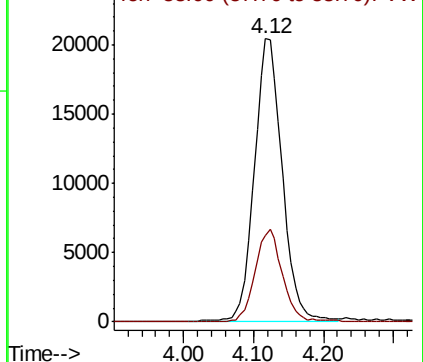
Ion Ratio Lower Upper

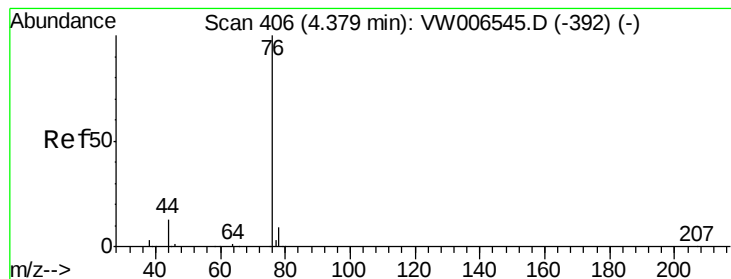
43 100

58 30.6 25.8 38.8



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





#17

Carbon Disulfide

Concen: 22.344 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

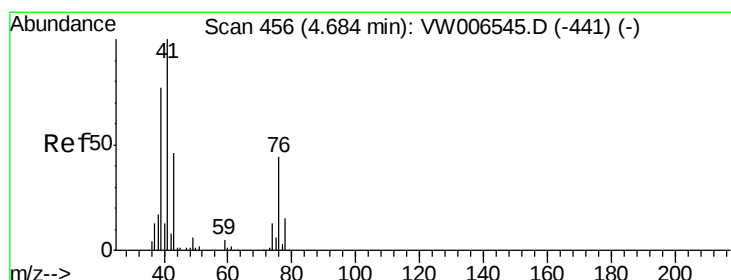
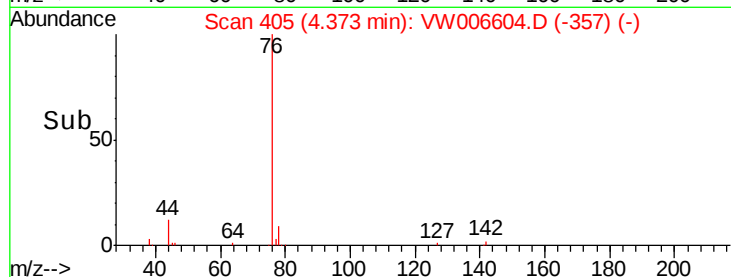
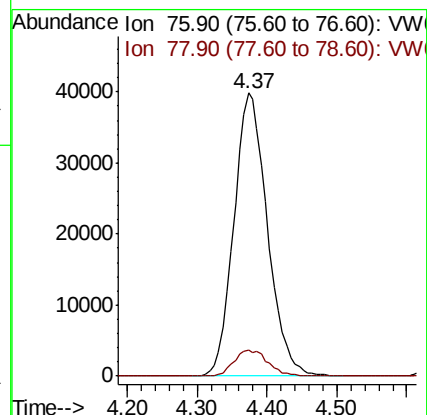
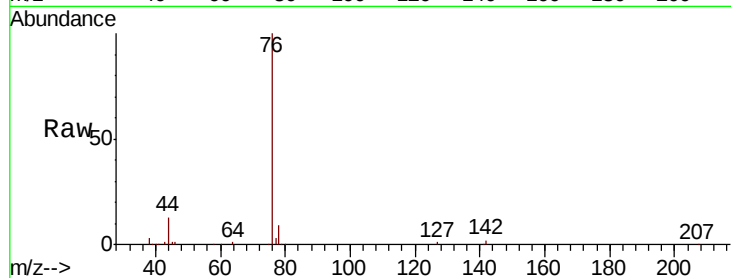
VW1104SBSD01

Tgt Ion: 76 Resp: 132324

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 22.101 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.02 min

Lab File: VW006604.D

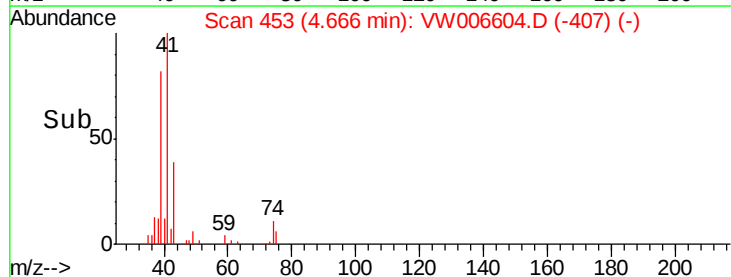
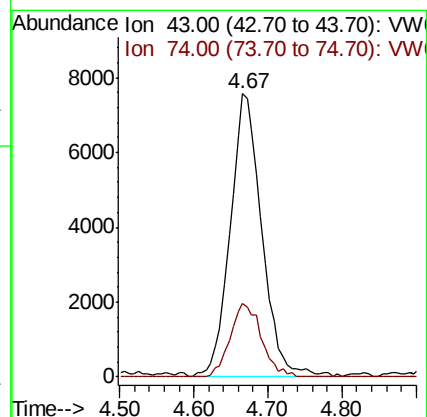
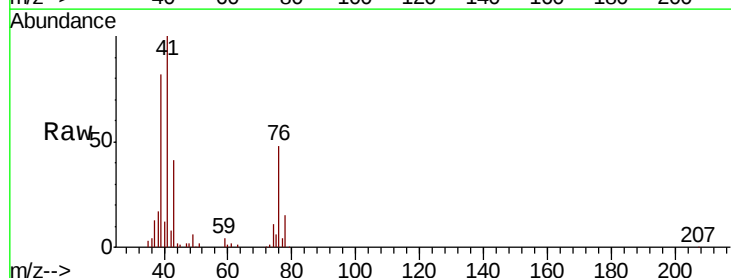
Acq: 02 Nov 2018 16:32

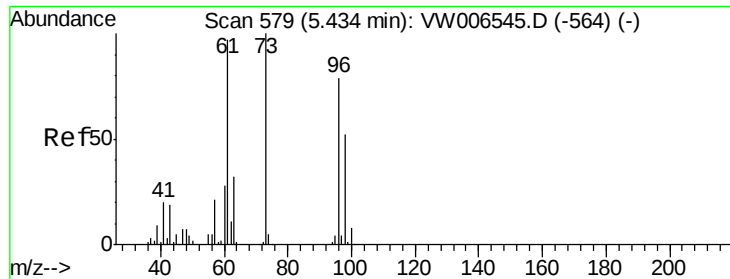
Tgt Ion: 43 Resp: 22503

Ion Ratio Lower Upper

43 100

74 25.6 21.9 32.9

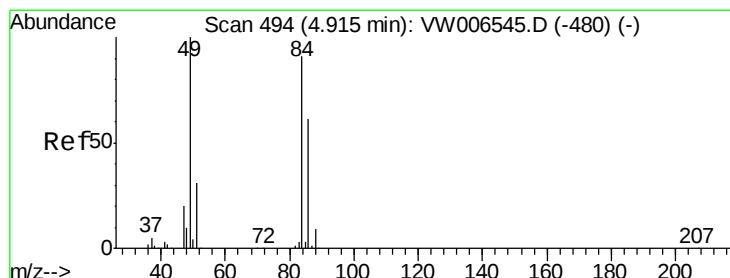
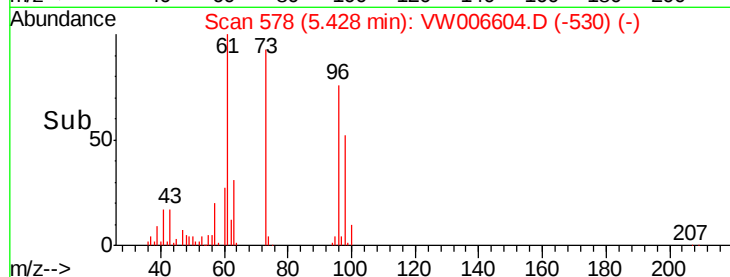
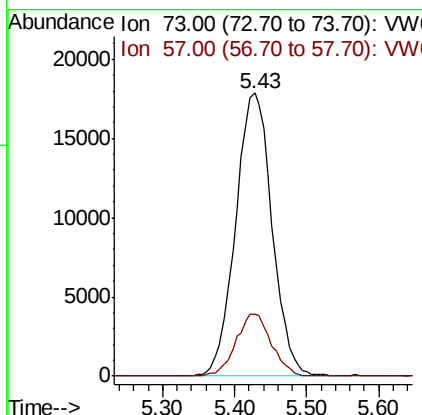
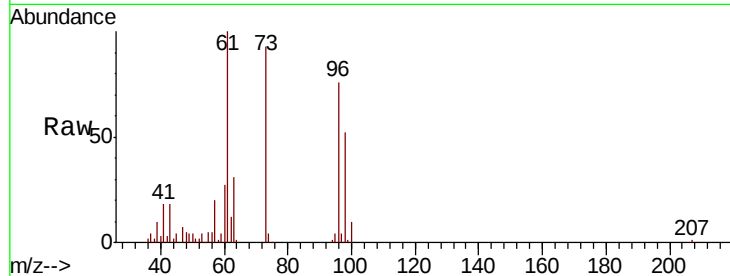




#19
Methyl tert-butyl Ether
Concen: 20.244 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

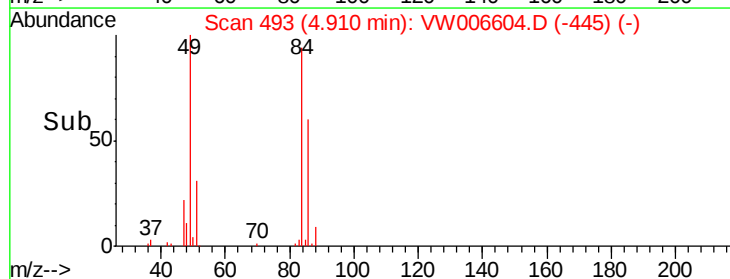
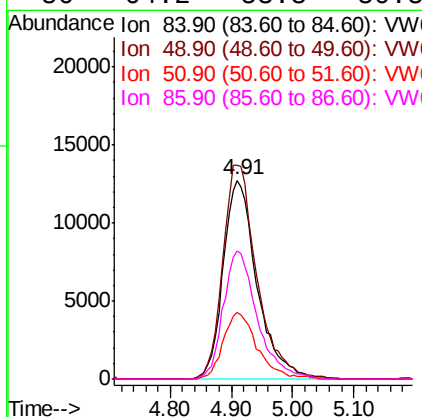
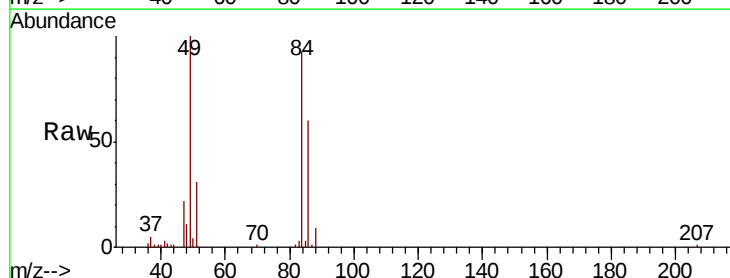
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tgt Ion: 73 Resp: 62710
Ion Ratio Lower Upper
73 100
57 21.7 16.7 25.1



#20
Methylene Chloride
Concen: 17.278 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 84 Resp: 48618
Ion Ratio Lower Upper
84 100
49 107.4 88.2 132.4
51 33.4 27.0 40.6
86 64.2 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 22.059 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

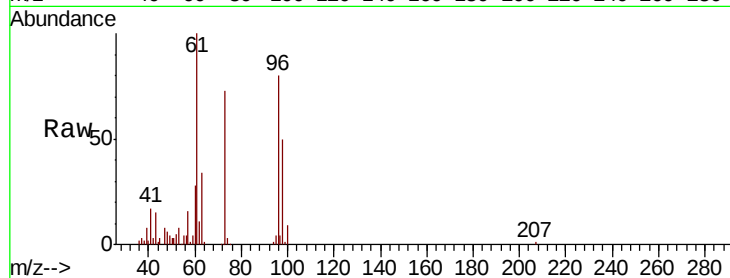
Tgt Ion: 96 Resp: 51947

Ion Ratio Lower Upper

96 100

61 125.1 100.6 150.8

98 62.3 52.9 79.3

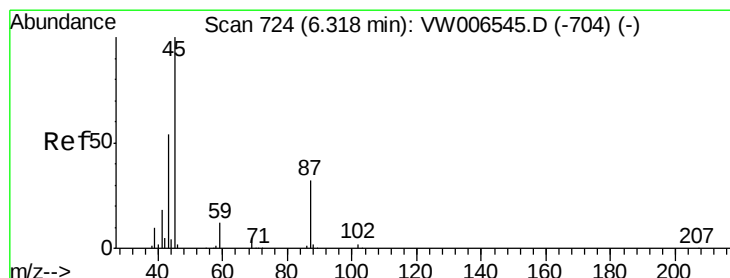
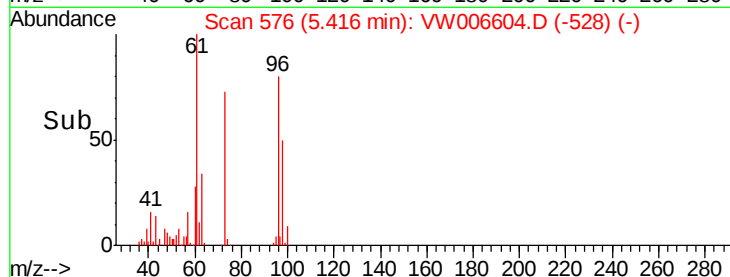
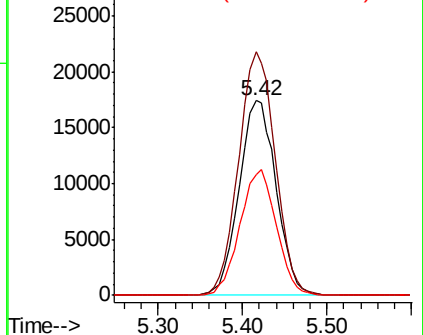


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.848 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion: 45 Resp: 118067

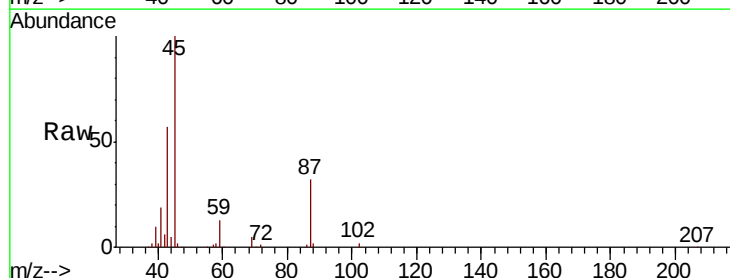
Ion Ratio Lower Upper

45 100

43 56.4 43.6 65.4

87 32.1 26.3 39.5

59 12.6 9.8 14.8



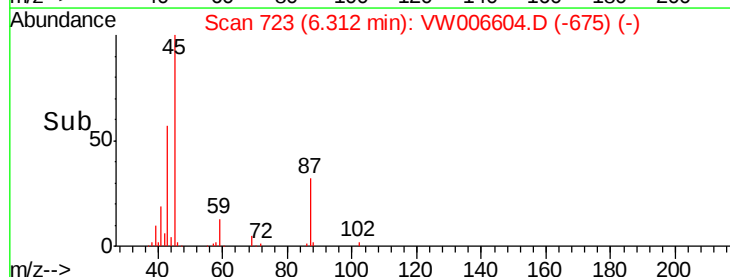
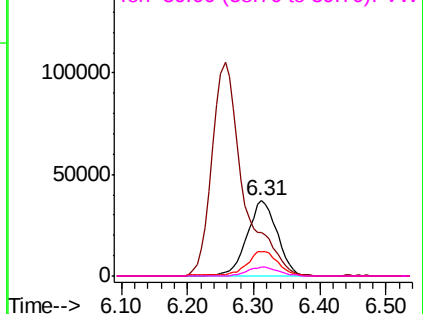
Abundance

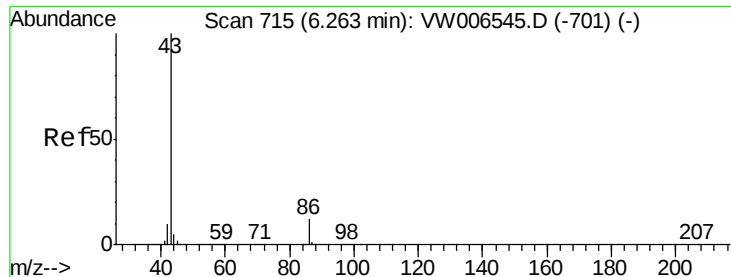
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 110.347 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

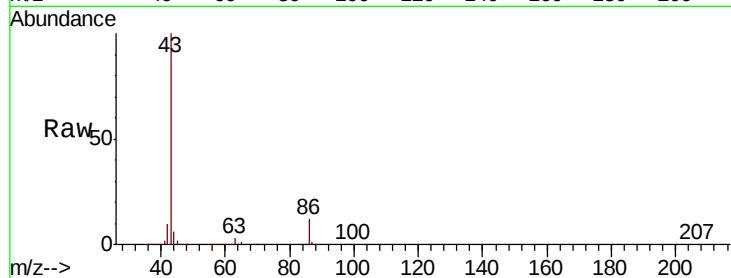
VW1104SBSD01

Tgt Ion: 43 Resp: 346550

Ion Ratio Lower Upper

43 100

86 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

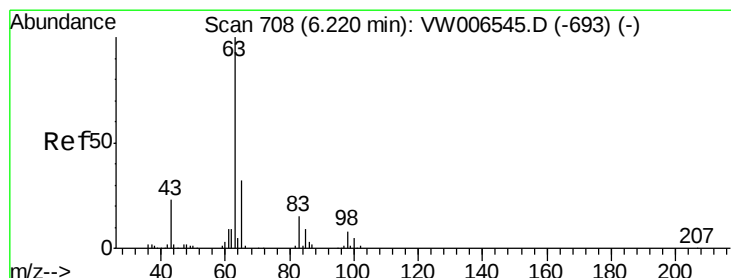
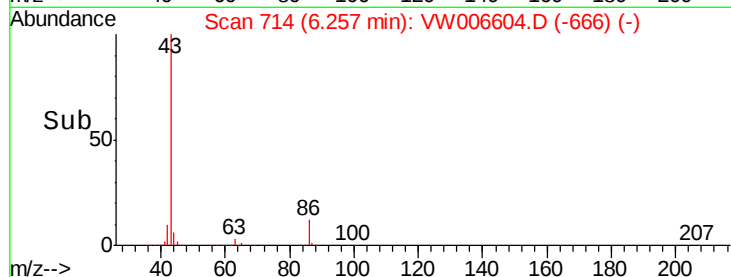
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.335 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

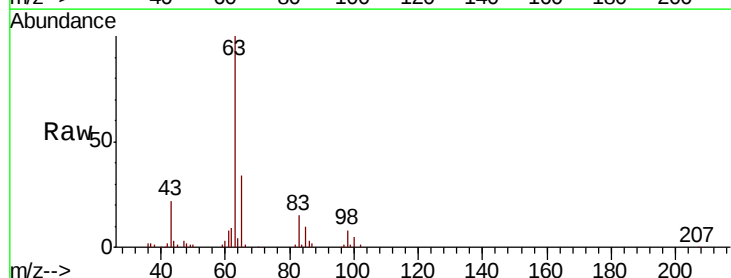
Tgt Ion: 63 Resp: 81888

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 5.0 2.4 7.2



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

6.21

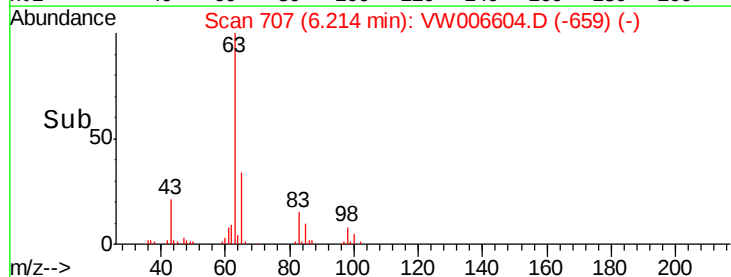
30000

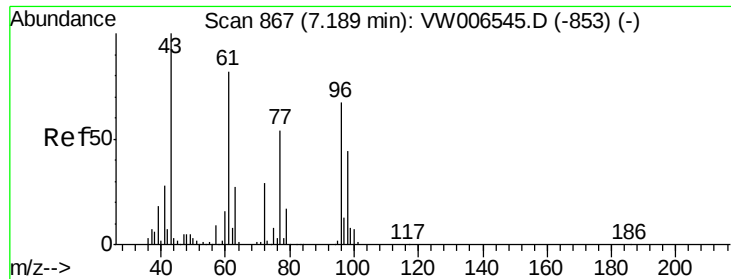
20000

10000

0

Time-->





#25

2-Butanone

Concen: 133.030 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

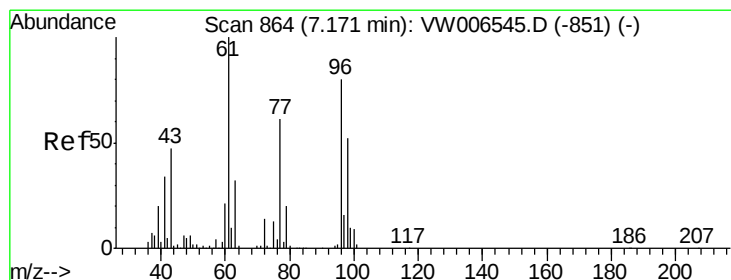
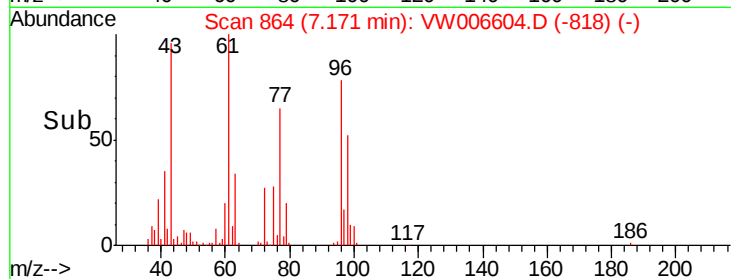
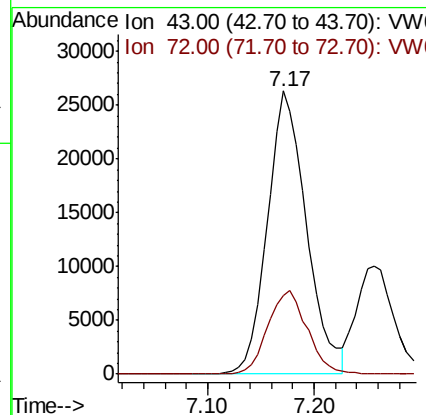
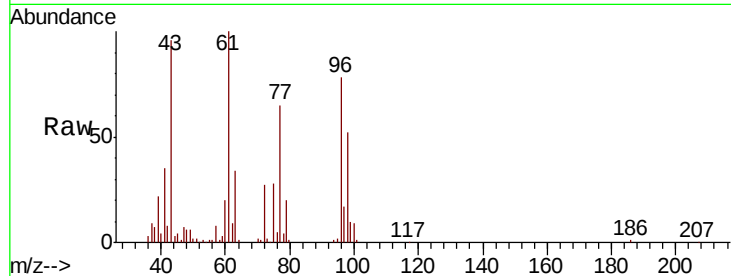
VW1104SBSD01

Tgt Ion: 43 Resp: 67215

Ion Ratio Lower Upper

43 100

72 27.8 23.2 34.8



#26

2,2-Dichloropropane

Concen: 23.206 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006604.D

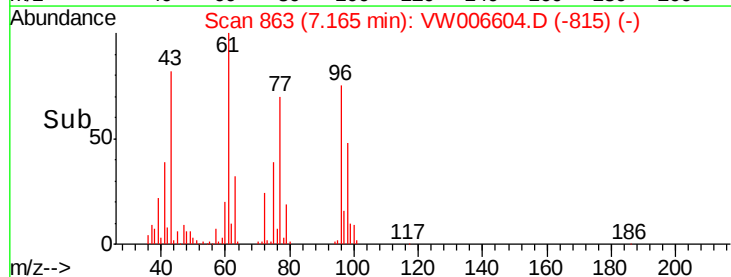
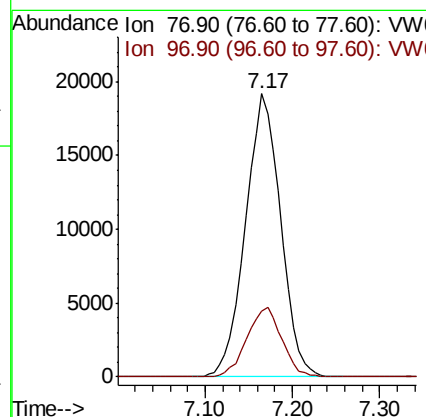
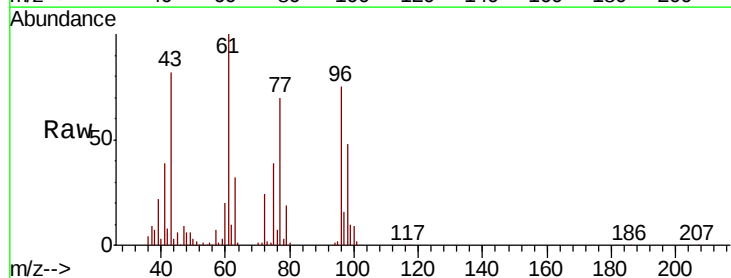
Acq: 02 Nov 2018 16:32

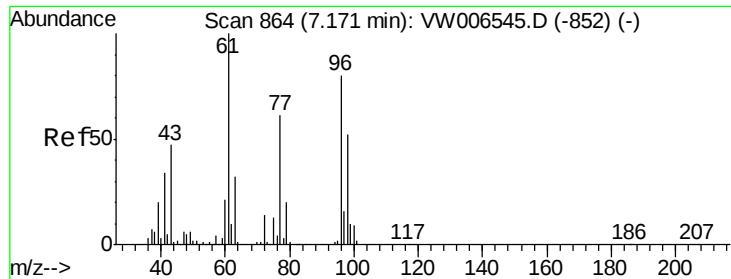
Tgt Ion: 77 Resp: 53653

Ion Ratio Lower Upper

77 100

97 24.2 12.8 38.4



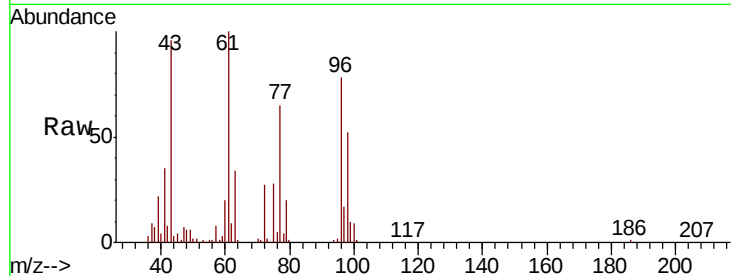


#27

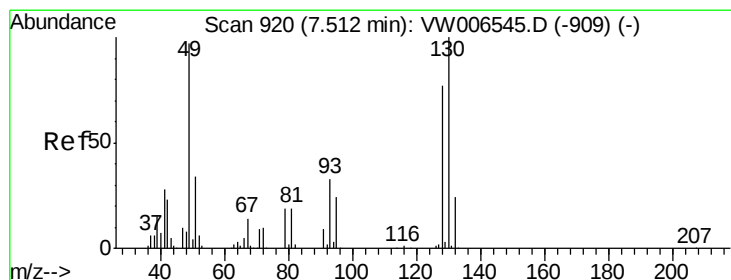
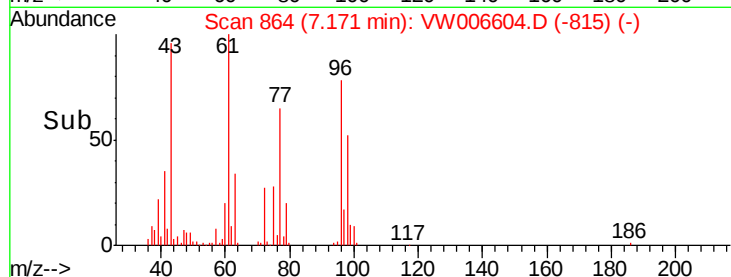
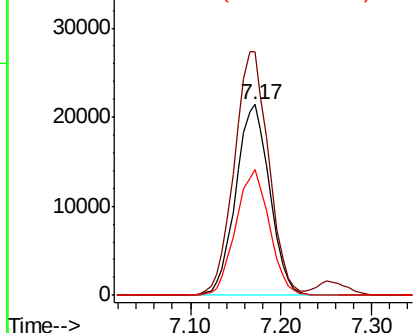
cis-1,2-Dichloroethene
 Concen: 21.046 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

Tgt Ion: 96 Resp: 55446
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 254.2
 98 65.3 0.0 129.6



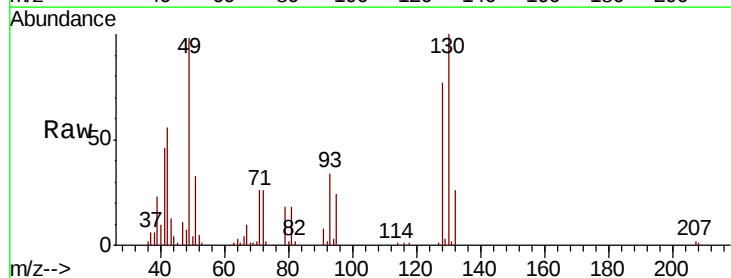
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



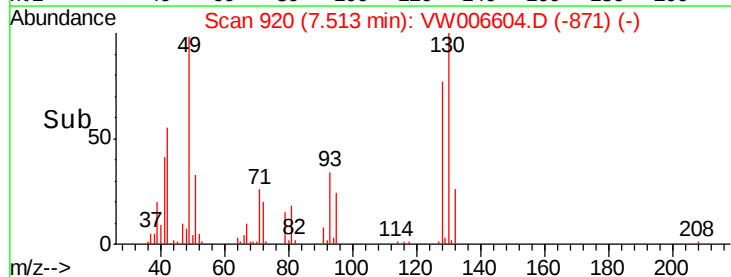
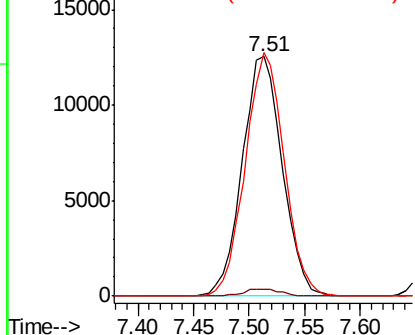
#28

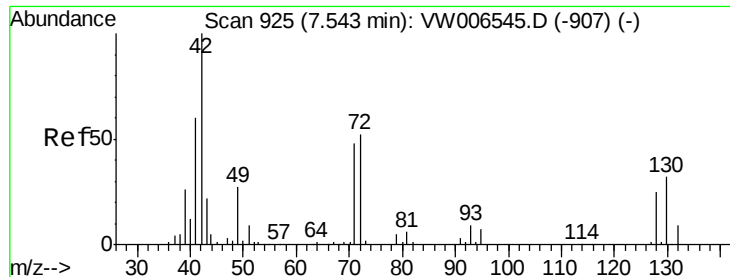
Bromochloromethane
 Concen: 20.590 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion: 49 Resp: 31380
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 98.8 82.2 123.2



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





#29

Tetrahydrofuran

Concen: 112.833 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

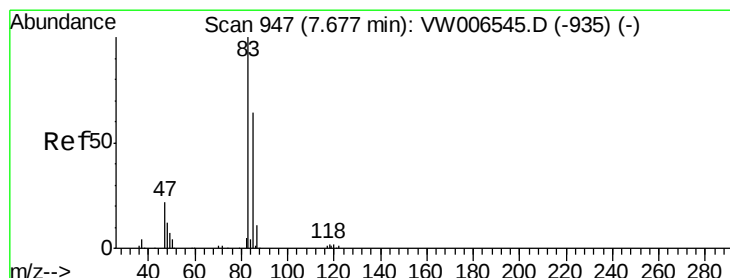
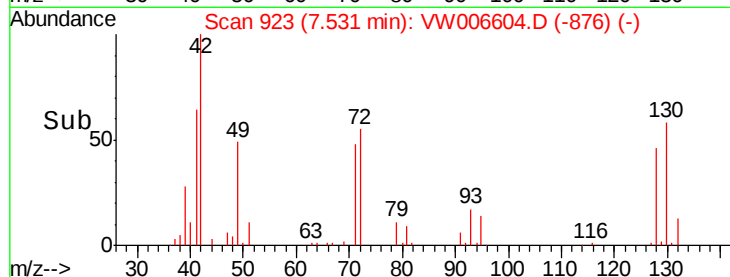
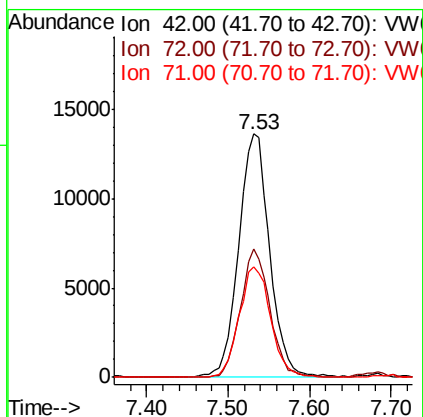
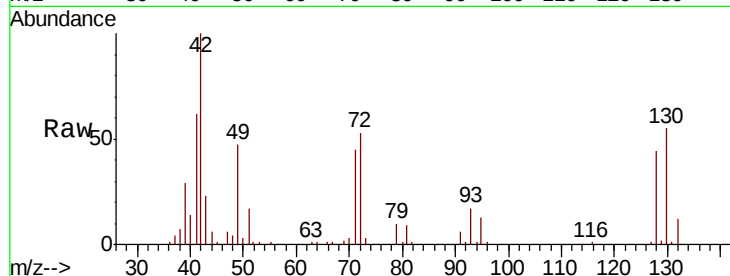
Tgt Ion: 42 Resp: 35858

Ion Ratio Lower Upper

42 100

72 50.1 39.2 58.8

71 46.0 37.6 56.4



#30

Chloroform

Concen: 21.269 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW006604.D

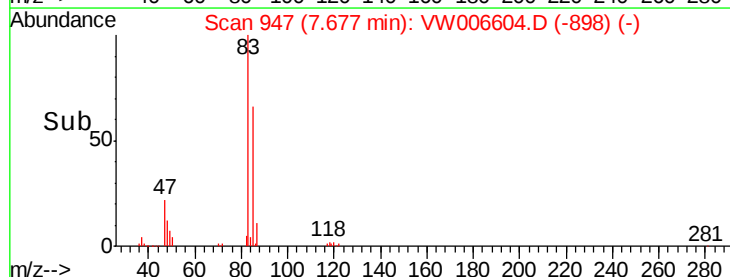
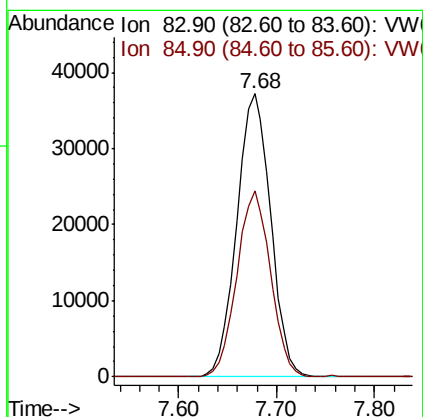
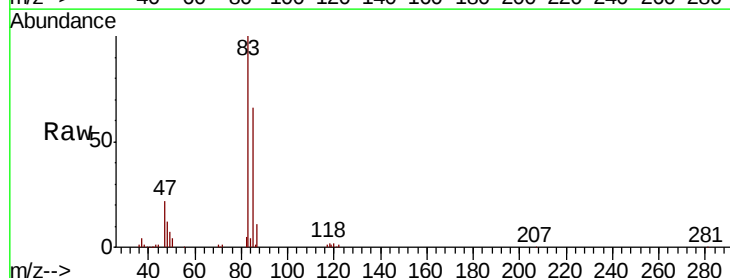
Acq: 02 Nov 2018 16:32

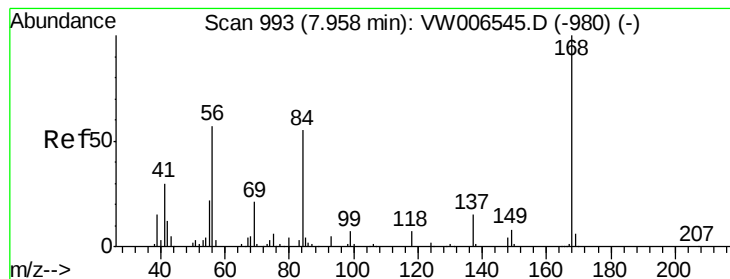
Tgt Ion: 83 Resp: 89504

Ion Ratio Lower Upper

83 100

85 65.9 51.3 76.9





#31

Cyclohexane

Concen: 21.761 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

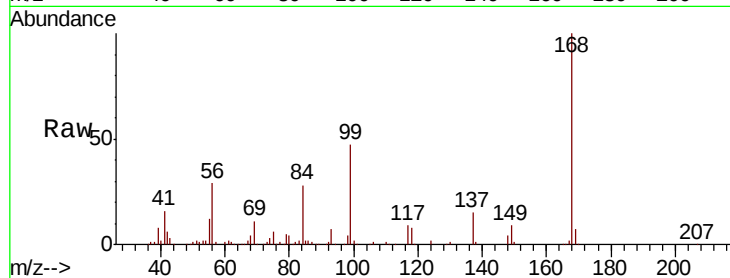
Tgt Ion: 56 Resp: 76019

Ion Ratio Lower Upper

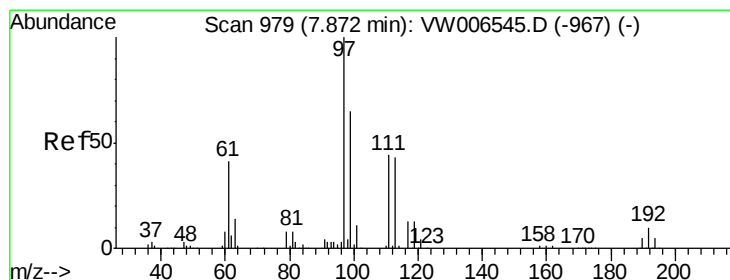
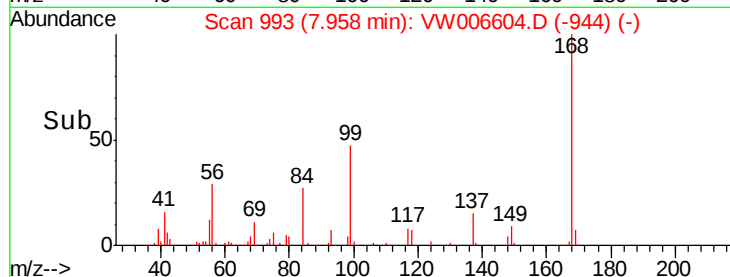
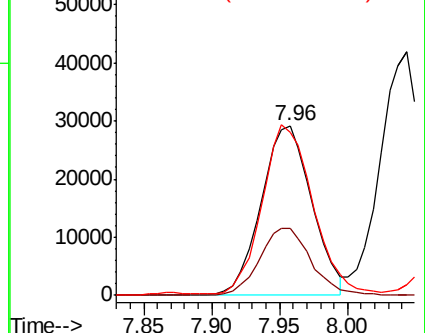
56 100

69 39.3 29.0 43.4

84 94.9 77.8 116.6



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



#32

1,1,1-Trichloroethane

Concen: 21.550 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

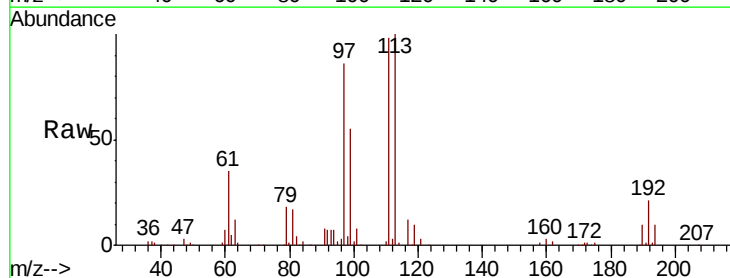
Tgt Ion: 97 Resp: 76735

Ion Ratio Lower Upper

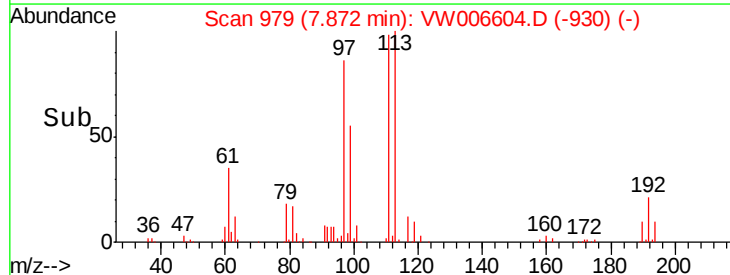
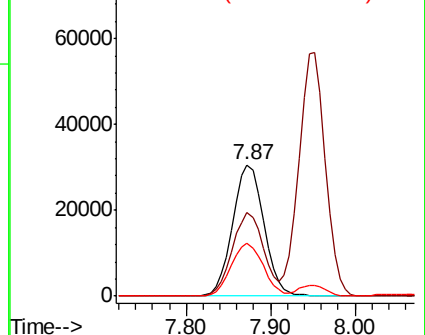
97 100

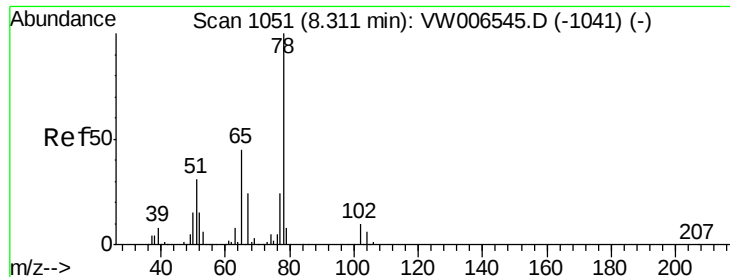
99 63.9 51.7 77.5

61 41.1 32.9 49.3



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

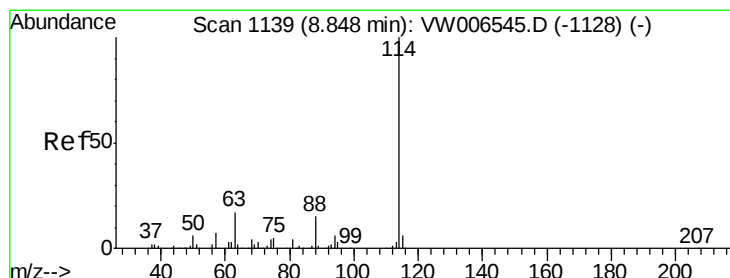
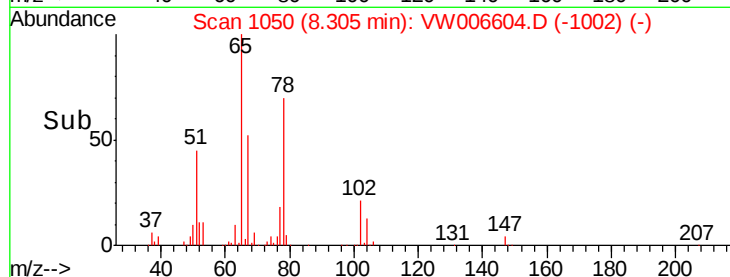
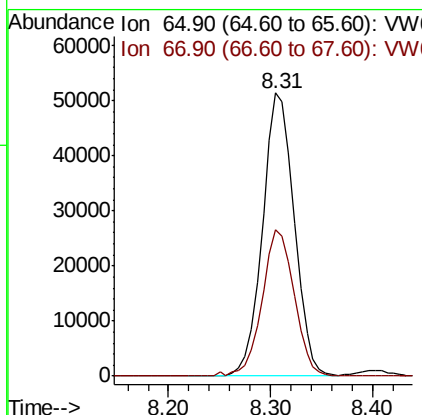
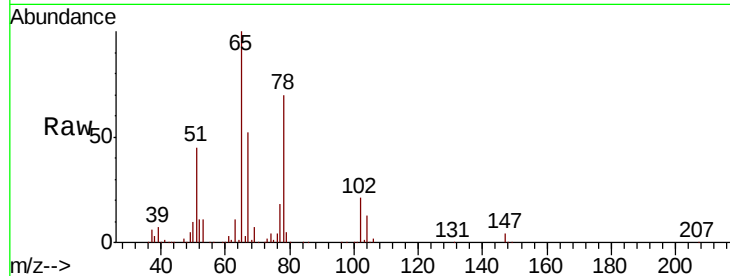




#33
 1,2-Dichloroethane-d4
 Concen: 50.422 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

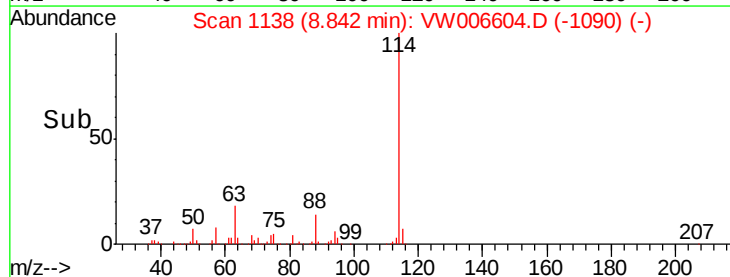
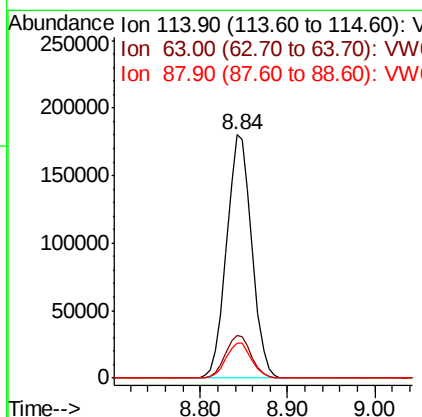
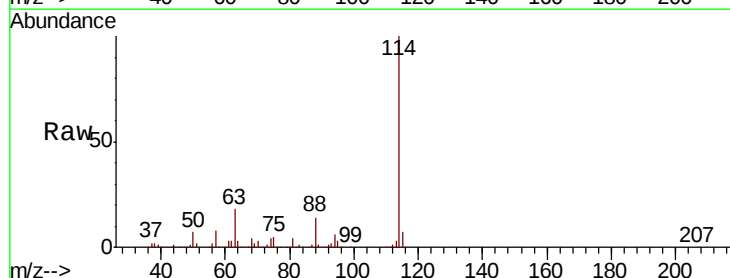
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

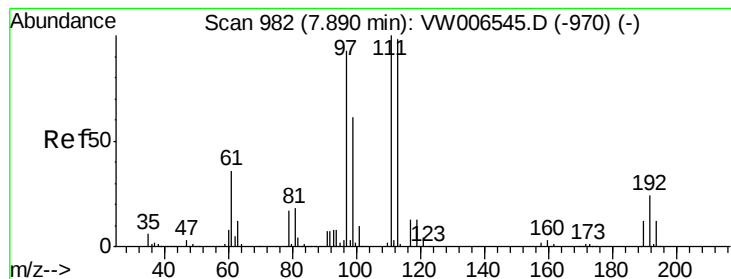
Tgt Ion: 65 Resp: 110583
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion: 114 Resp: 358898
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.4
 88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.540 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

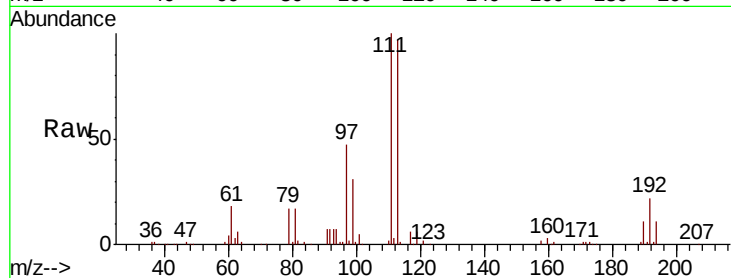
Tgt Ion:113 Resp: 116088

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

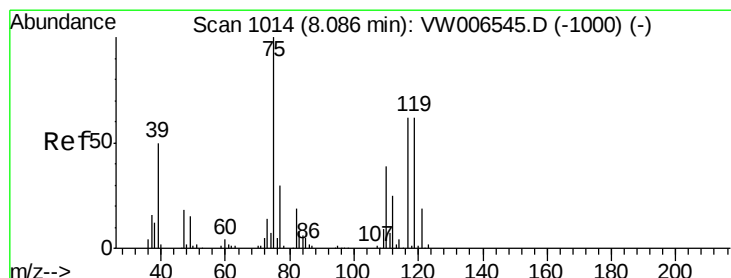
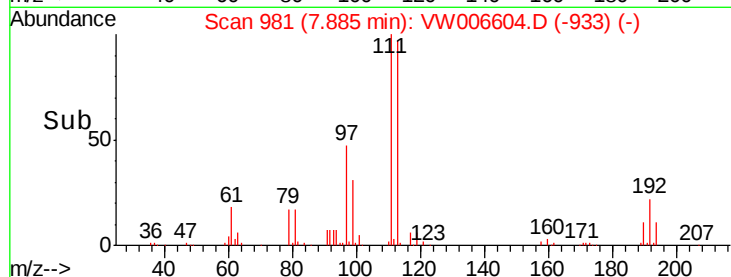
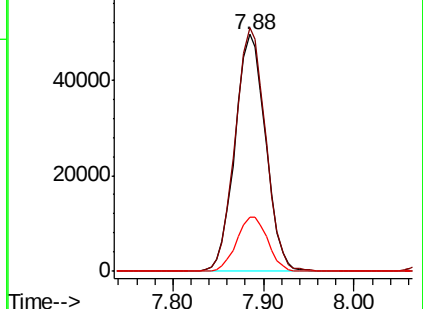
192 23.3 19.0 28.6



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: 22.786 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

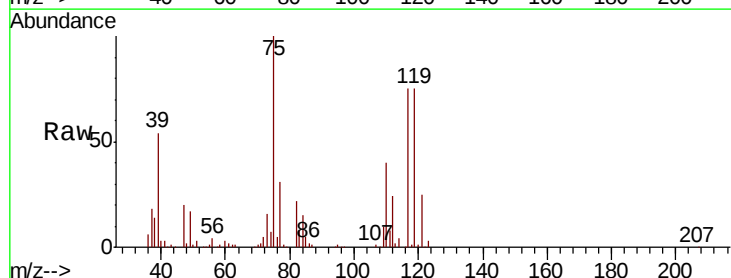
Tgt Ion: 75 Resp: 71916

Ion Ratio Lower Upper

75 100

110 39.5 19.5 58.5

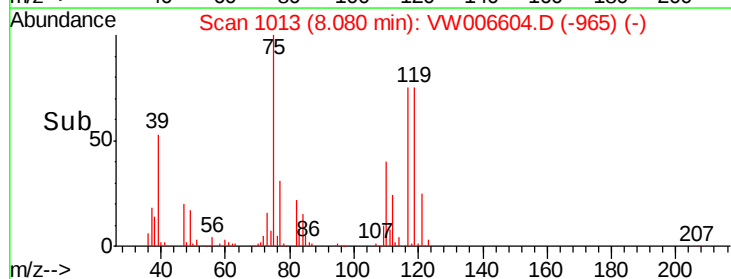
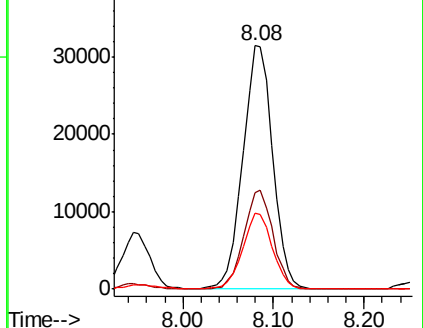
77 31.1 24.6 37.0

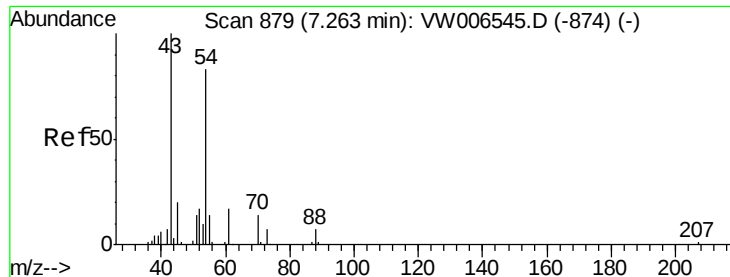


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

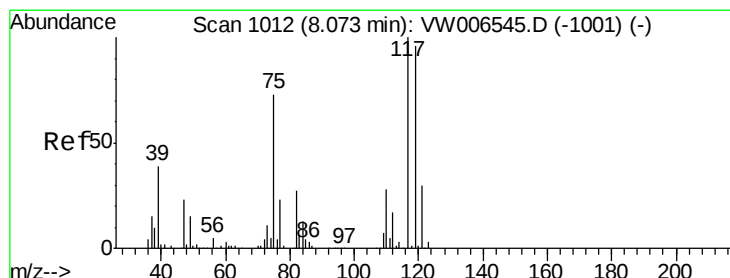
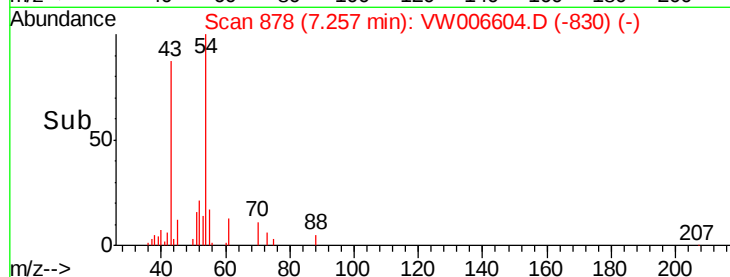
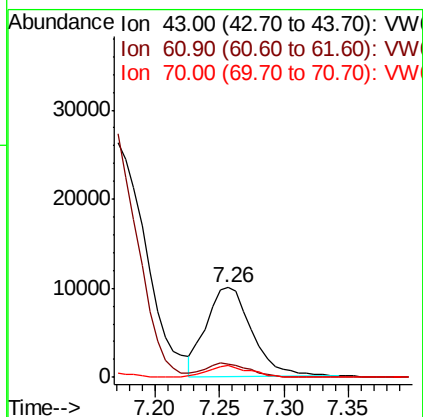
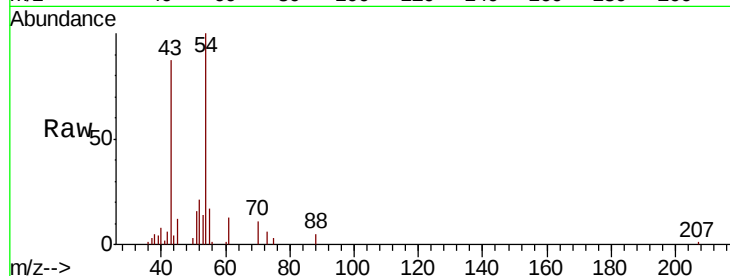




#37
Ethyl Acetate
Concen: 22.572 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

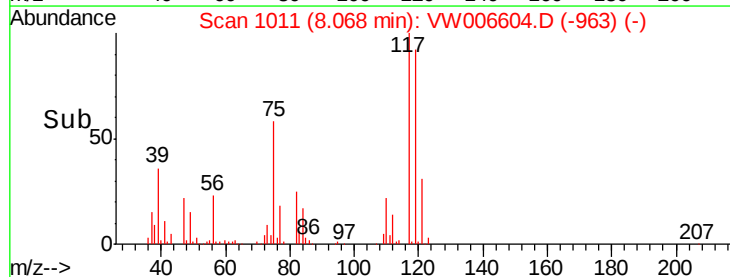
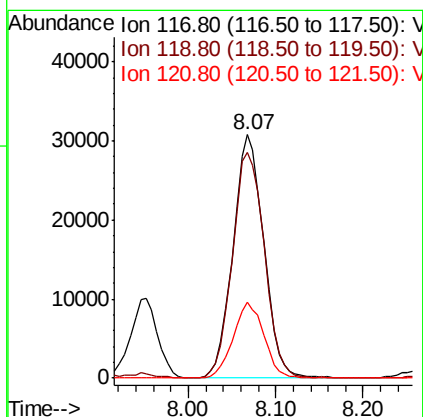
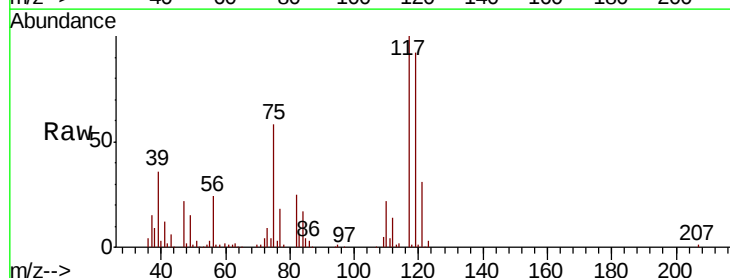
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

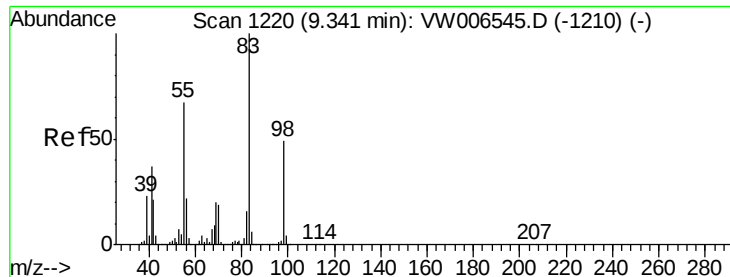
Tgt Ion: 43 Resp: 24688
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 12.3 9.8 14.6



#38
Carbon Tetrachloride
Concen: 22.868 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 117 Resp: 75417
Ion Ratio Lower Upper
117 100
119 92.5 76.3 114.5
121 31.0 24.1 36.1





#39

Methylcyclohexane

Concen: 23.236 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

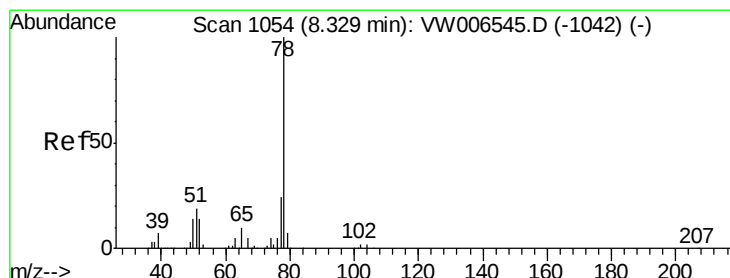
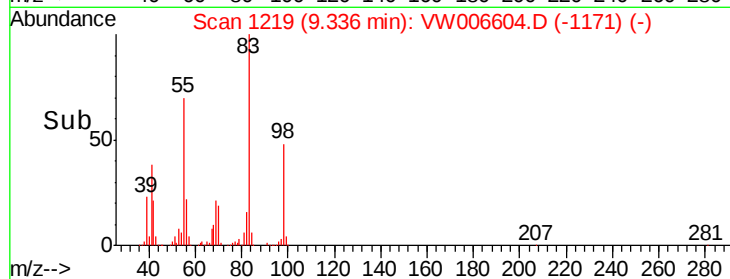
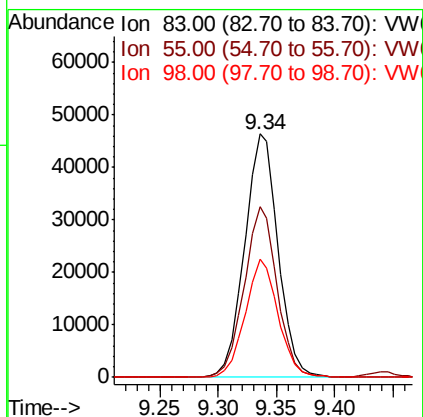
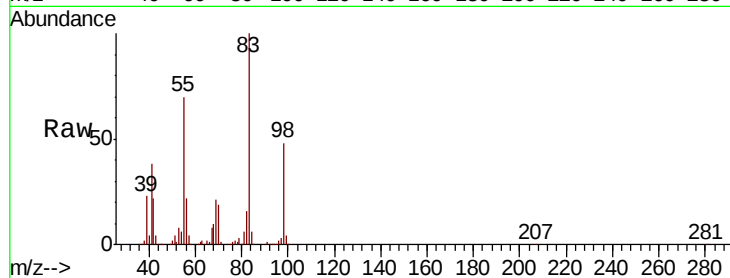
Tgt Ion: 83 Resp: 93066

Ion Ratio Lower Upper

83 100

55 70.3 53.7 80.5

98 48.3 39.2 58.8



#40

Benzene

Concen: 22.309 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW006604.D

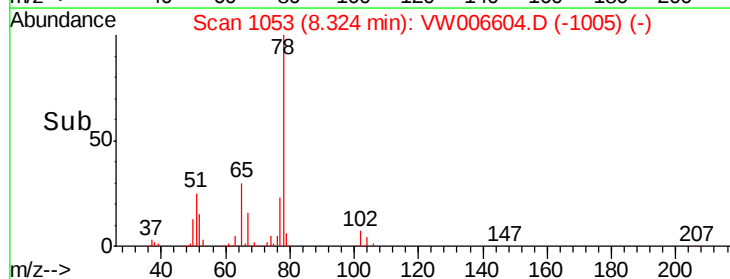
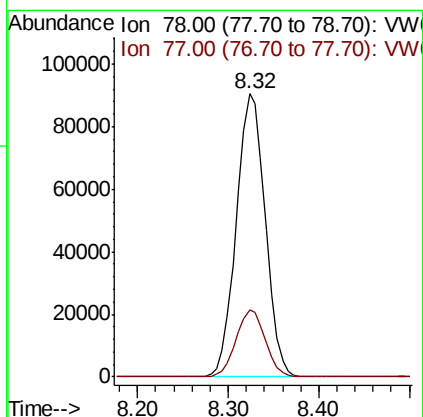
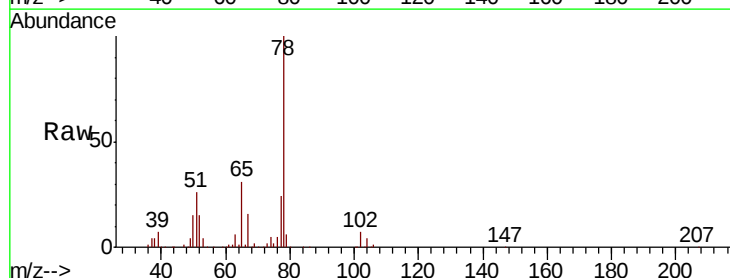
Acq: 02 Nov 2018 16:32

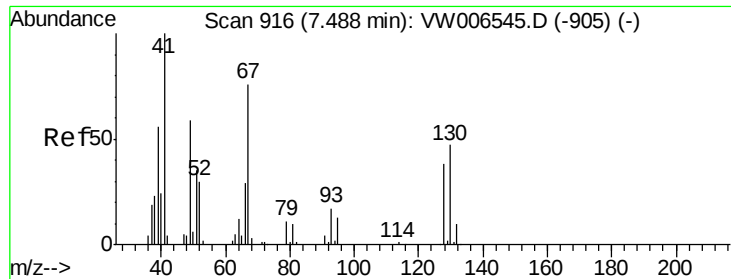
Tgt Ion: 78 Resp: 199996

Ion Ratio Lower Upper

78 100

77 23.6 19.2 28.8

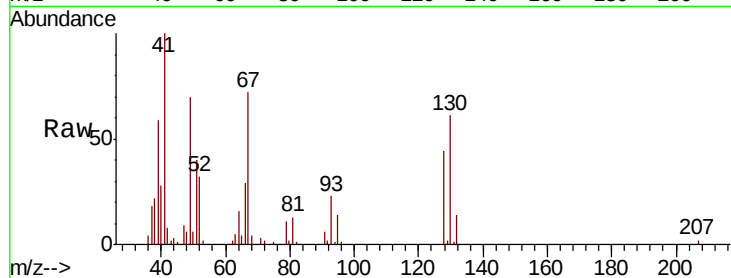




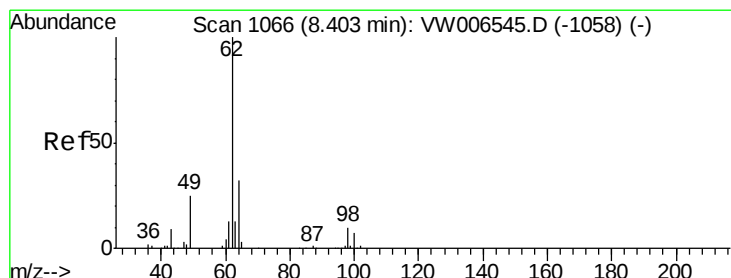
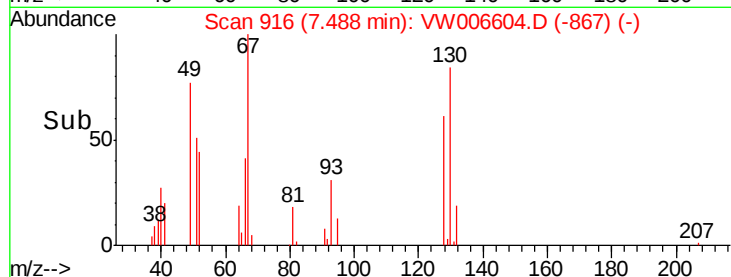
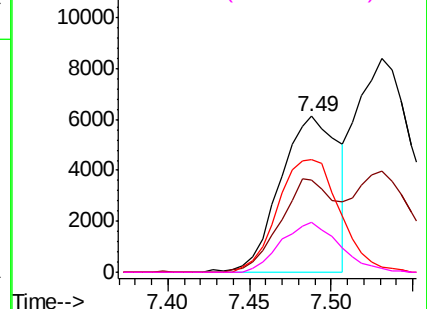
#41
Methacrylonitrile
Concen: 22.735 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tgt Ion:	41	Resp:	15248
Ion	Ratio	Lower	Upper
41	100		
39	57.4	44.5	66.7
67	76.7	63.8	95.8
52	32.1	26.3	39.5

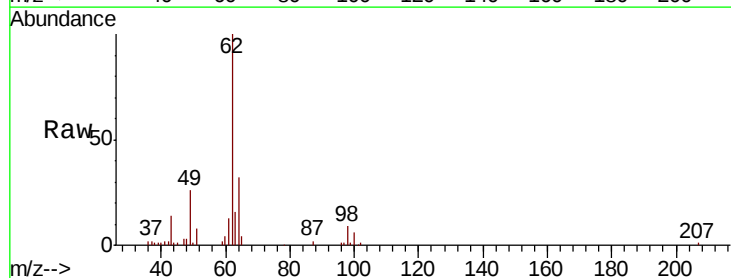


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

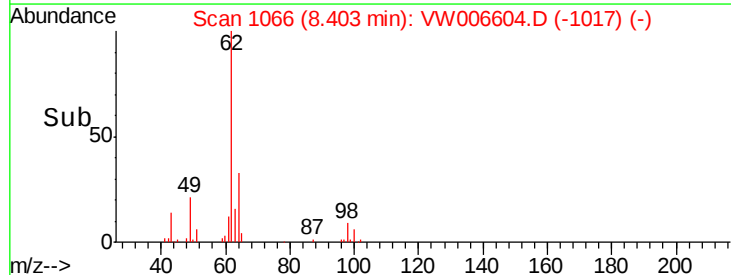
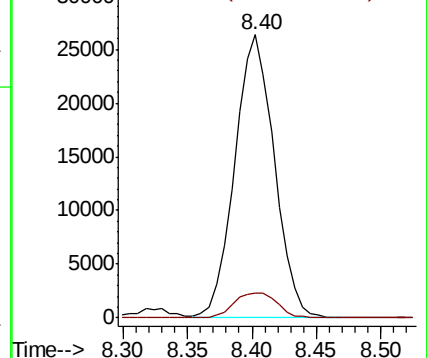


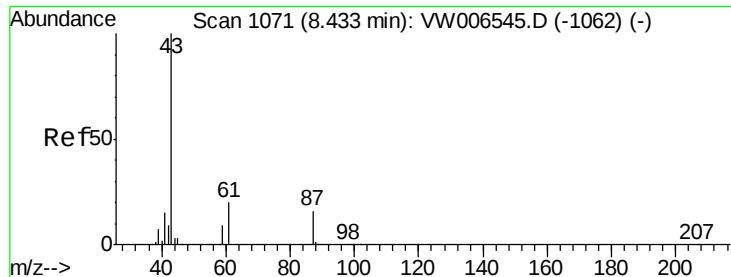
#42
1,2-Dichloroethane
Concen: 21.876 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion:	62	Resp:	56243
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 22.197 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

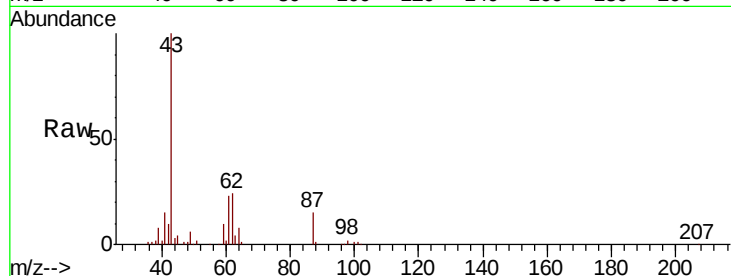
Tgt Ion: 43 Resp: 48446

Ion Ratio Lower Upper

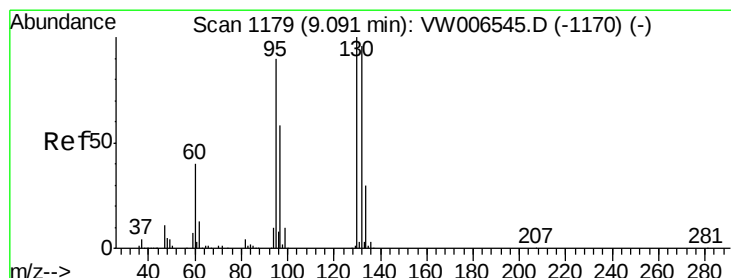
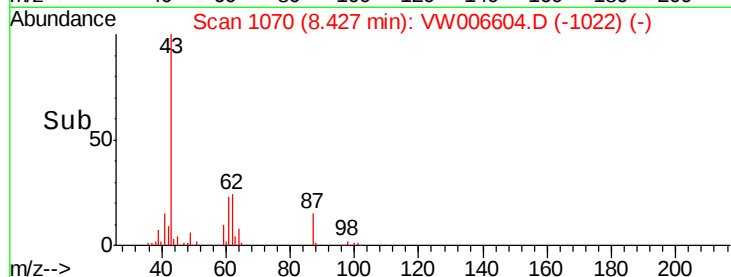
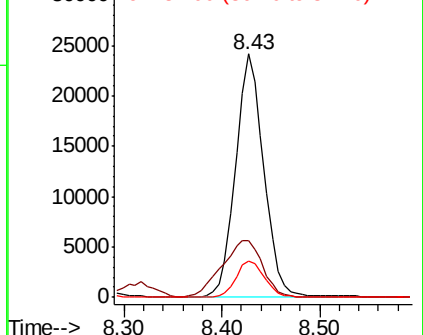
43 100

61 33.4 27.2 40.8

87 15.1 12.9 19.3



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: 22.193 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006604.D

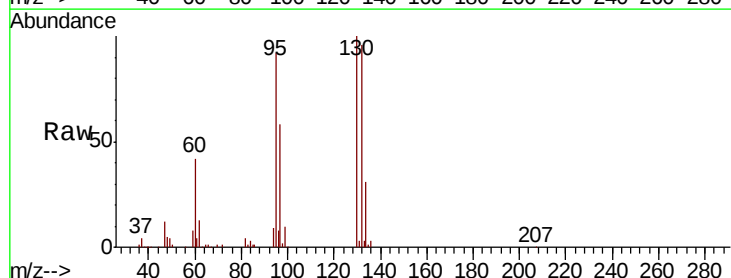
Acq: 02 Nov 2018 16:32

Tgt Ion: 130 Resp: 61393

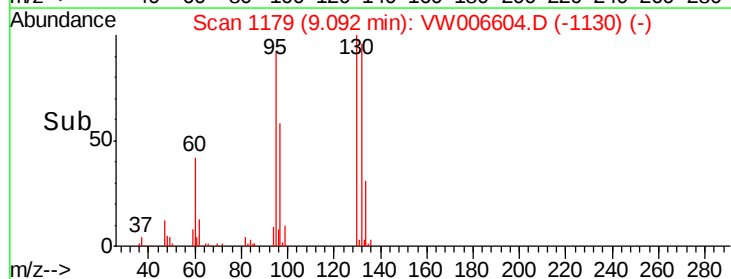
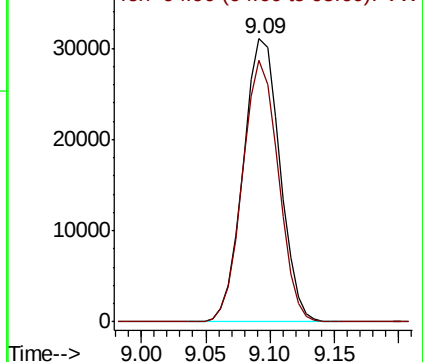
Ion Ratio Lower Upper

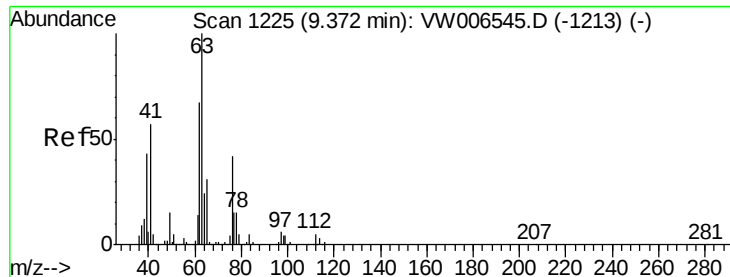
130 100

95 92.3 0.0 179.2



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

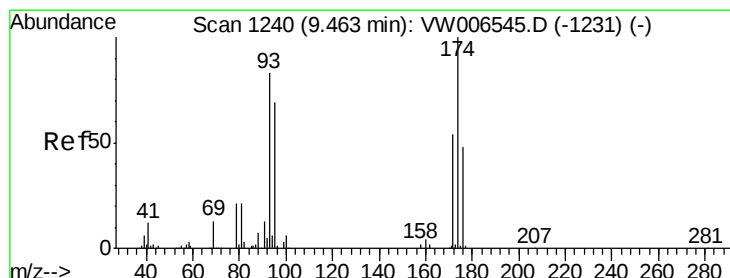
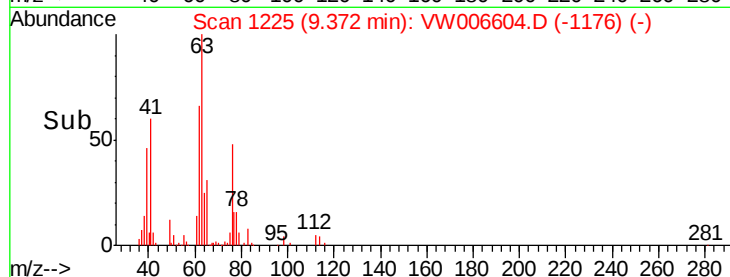
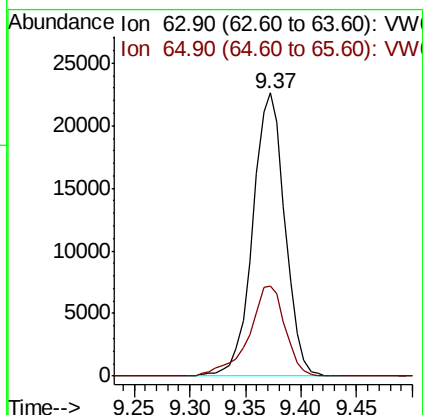
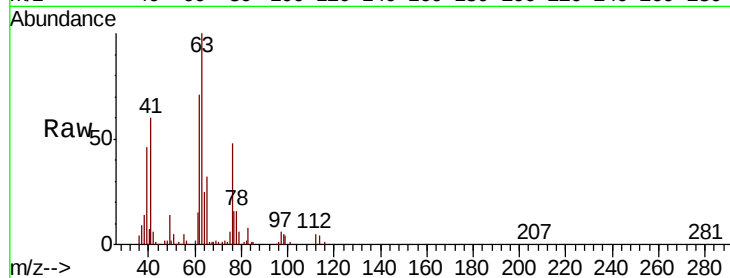




#45
1,2-Dichloropropane
Concen: 21.816 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

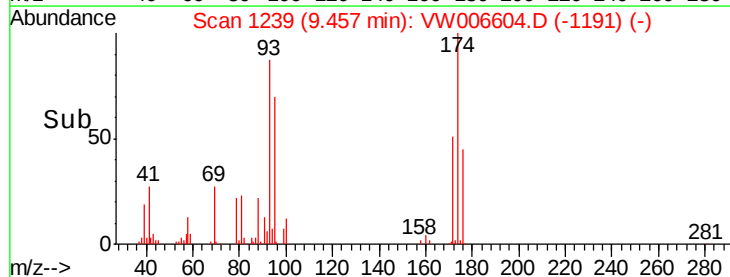
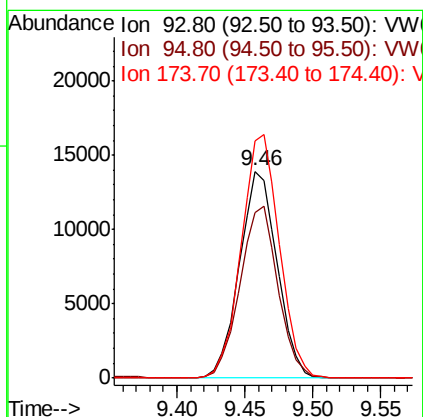
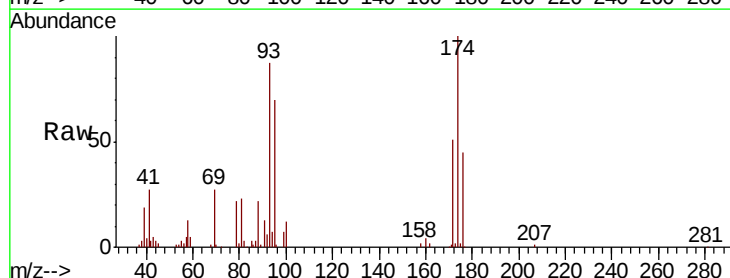
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

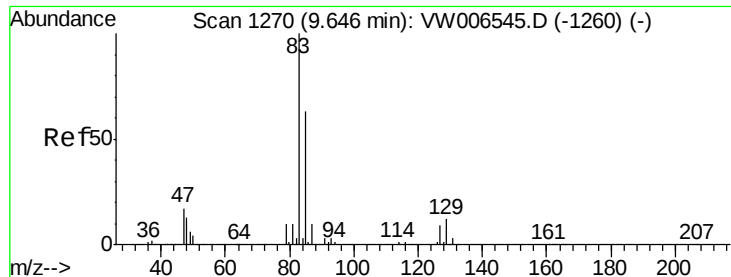
Tgt Ion: 63 Resp: 45514
Ion Ratio Lower Upper
63 100
65 31.8 25.1 37.7



#46
Dibromomethane
Concen: 22.032 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 93 Resp: 27019
Ion Ratio Lower Upper
93 100
95 83.3 67.2 100.8
174 118.5 97.3 145.9

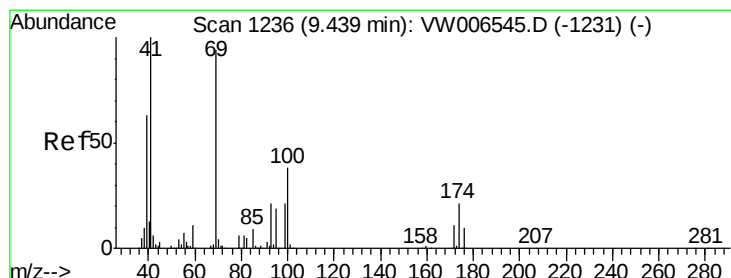
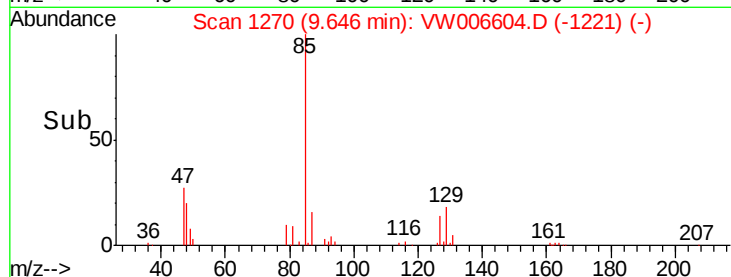
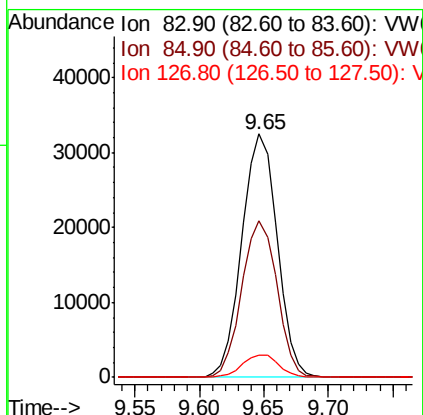
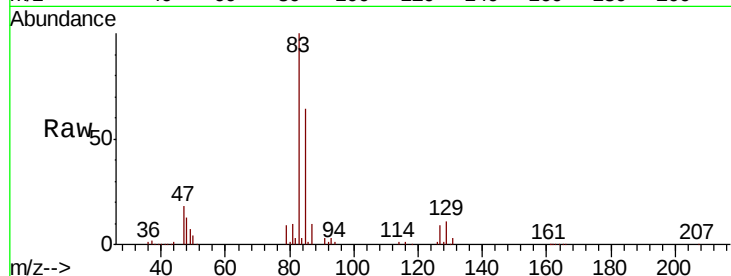




#47
 Bromodichloromethane
 Concen: 21.669 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

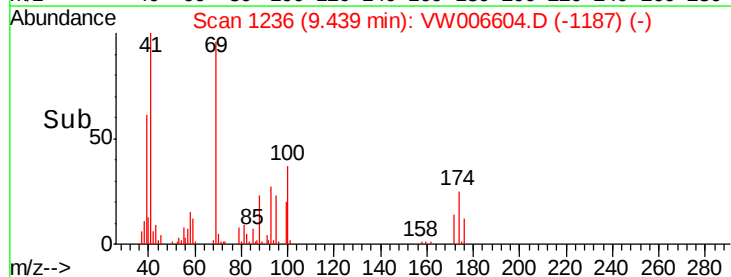
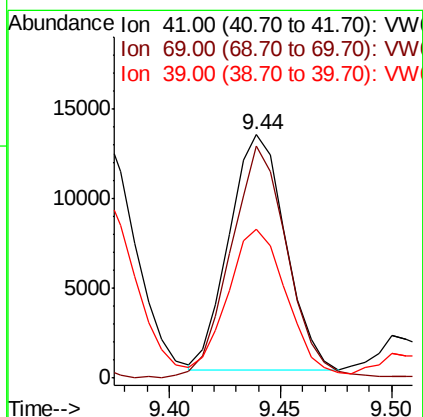
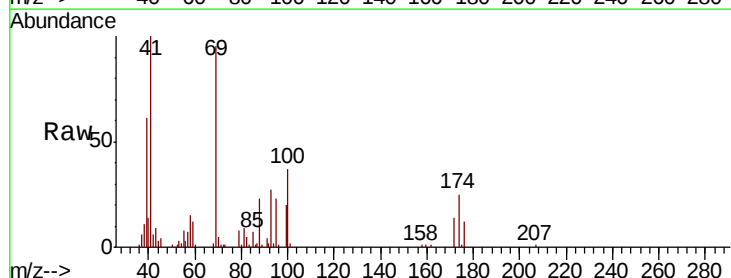
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

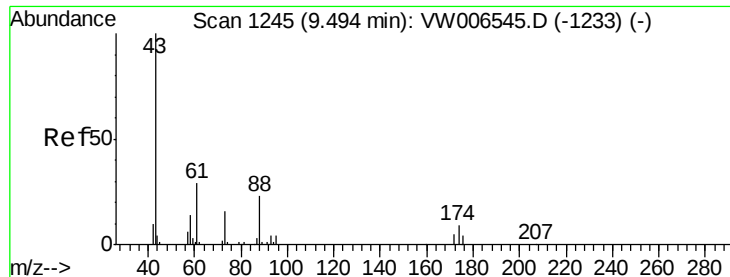
Tgt Ion: 83 Resp: 61703
 Ion Ratio Lower Upper
 83 100
 85 64.3 50.6 75.8
 127 9.0 7.5 11.3



#48
 Methyl methacrylate
 Concen: 22.006 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion: 41 Resp: 23140
 Ion Ratio Lower Upper
 41 100
 69 100.3 77.8 116.8
 39 62.4 48.7 73.1

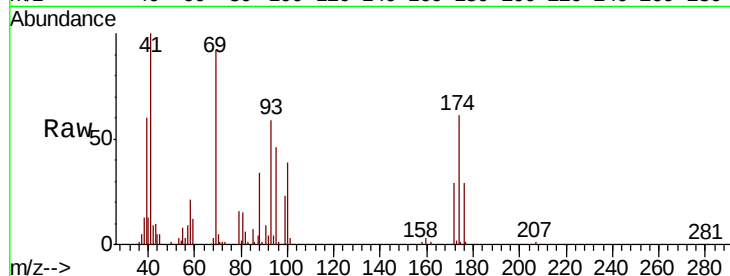




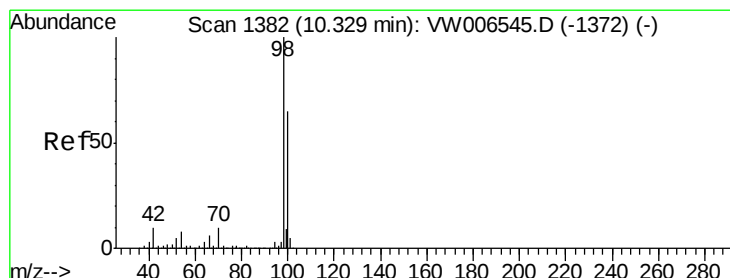
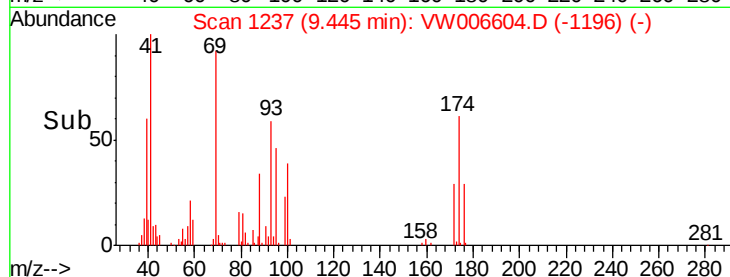
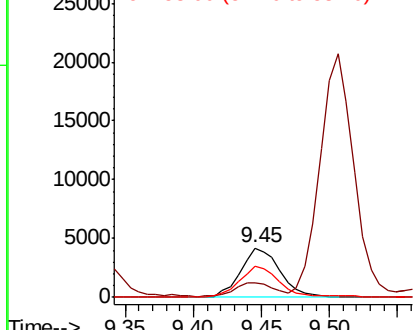
#49
1,4-Dioxane
Concen: 470.531 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.05 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tgt Ion: 88 Resp: 8445
Ion Ratio Lower Upper
88 100
43 29.9 356.6 534.8#
58 63.6 51.4 77.2

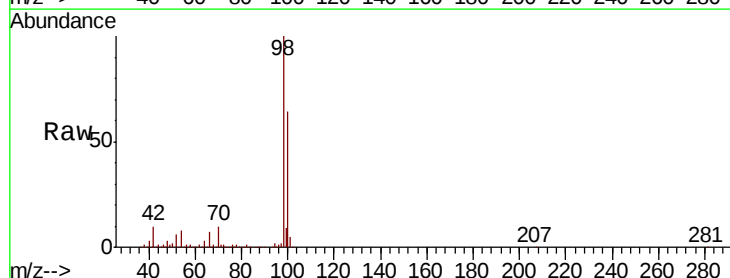


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

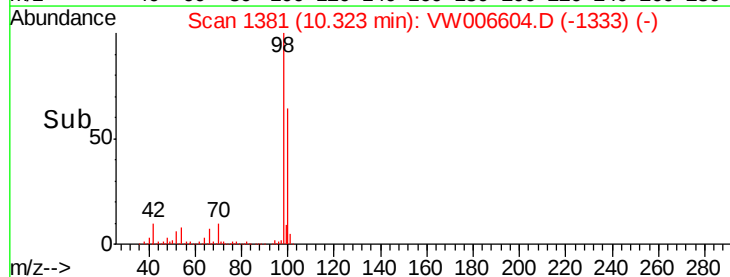
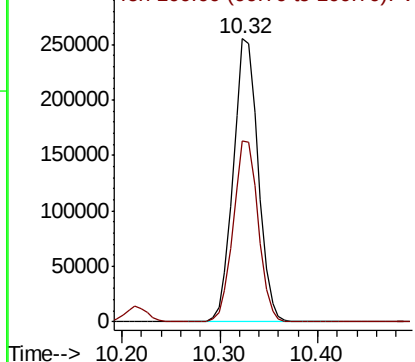


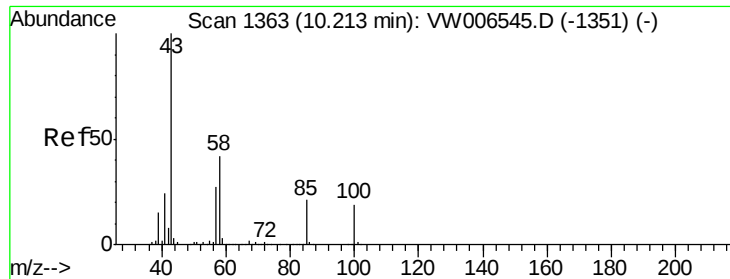
#50
Toluene-d8
Concen: 52.395 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 98 Resp: 449250
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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

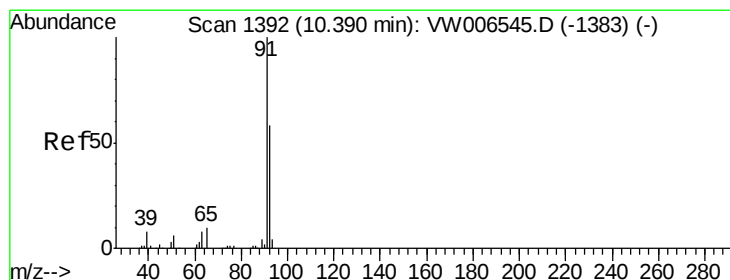
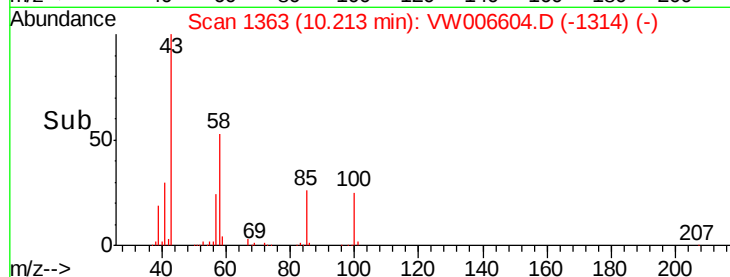
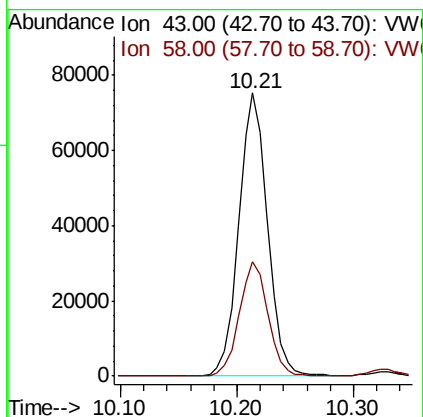
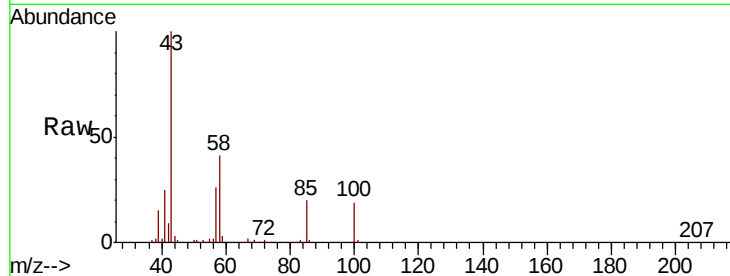




#51
 4-Methyl-2-Pentanone
 Concen: 114.927 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

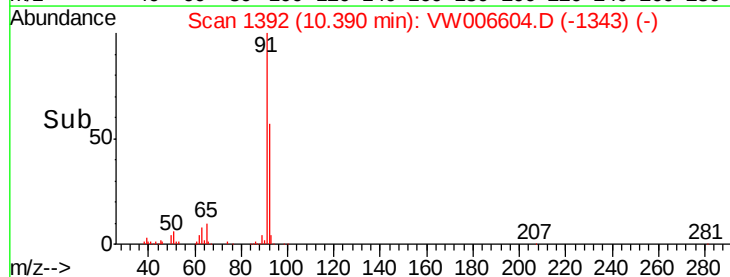
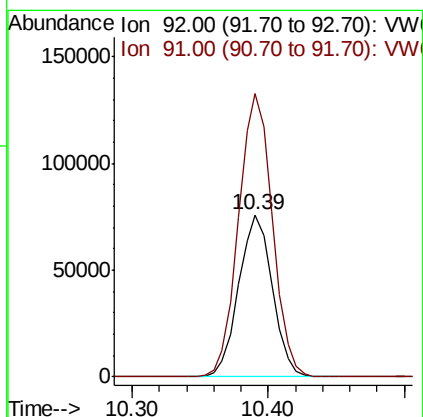
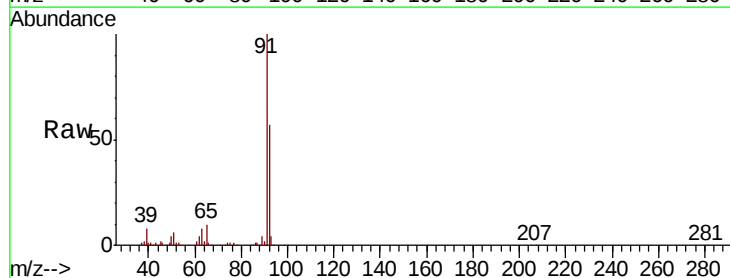
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

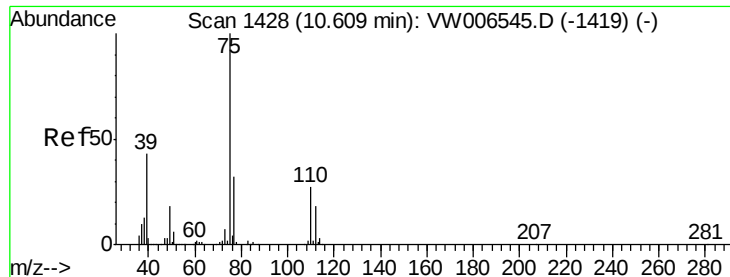
Tgt Ion: 43 Resp: 128824
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.4 50.0



#52
 Toluene
 Concen: 21.772 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion: 92 Resp: 130908
 Ion Ratio Lower Upper
 92 100
 91 175.9 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 22.185 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

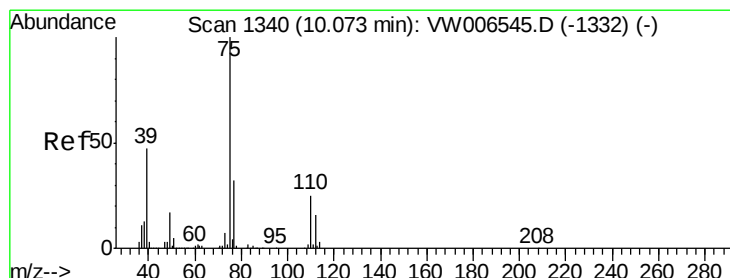
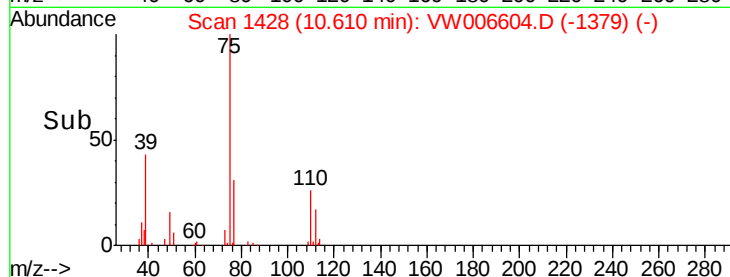
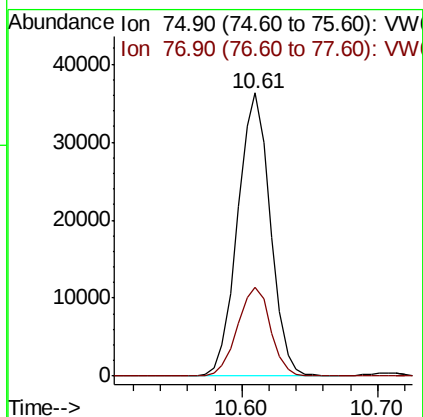
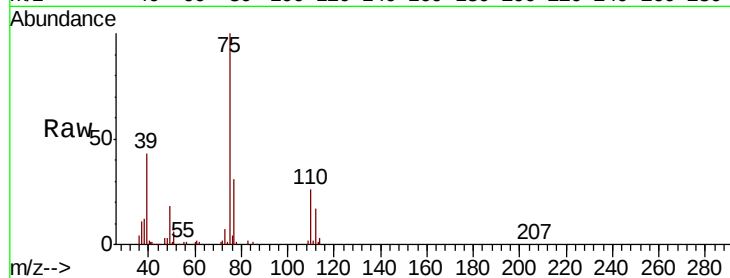
VW1104SBSD01

Tgt Ion: 75 Resp: 60798

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 21.859 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

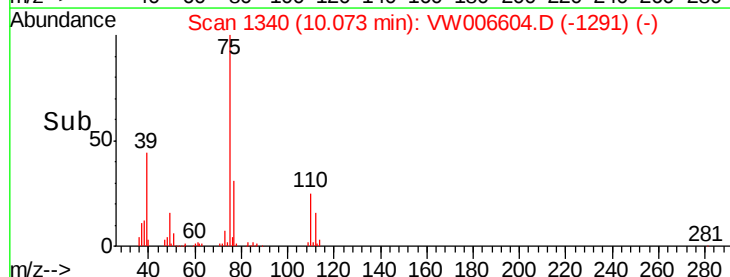
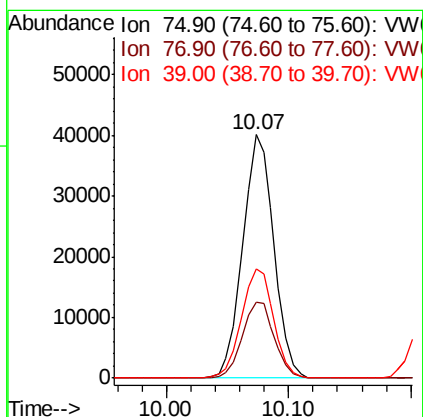
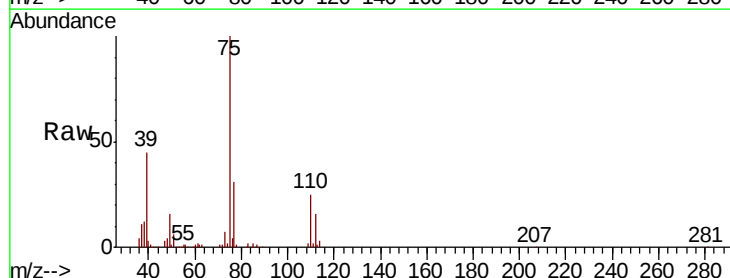
Tgt Ion: 75 Resp: 70791

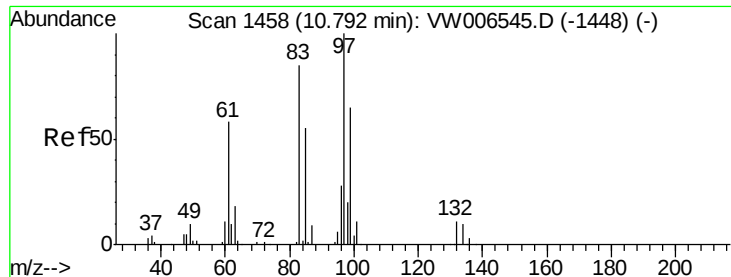
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 44.5 37.3 55.9

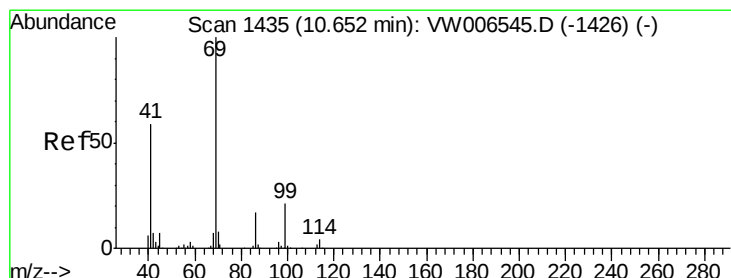
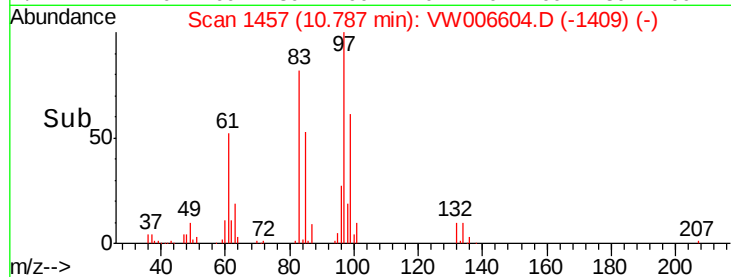
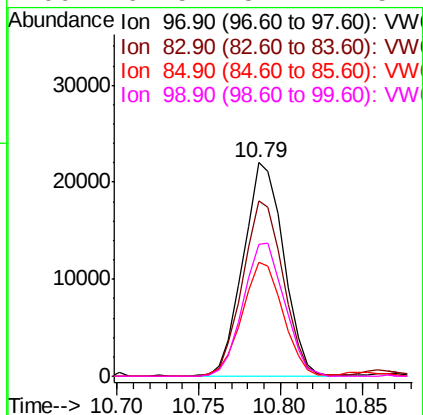
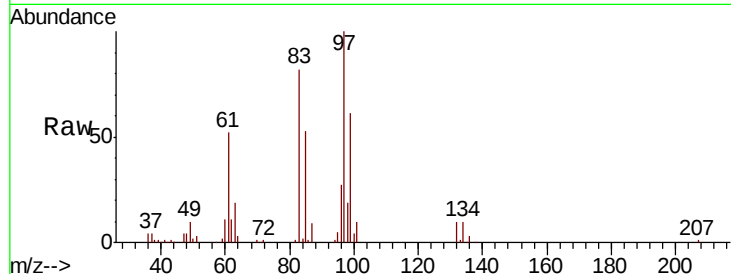




#55
 1,1,2-Trichloroethane
 Concen: 21.960 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

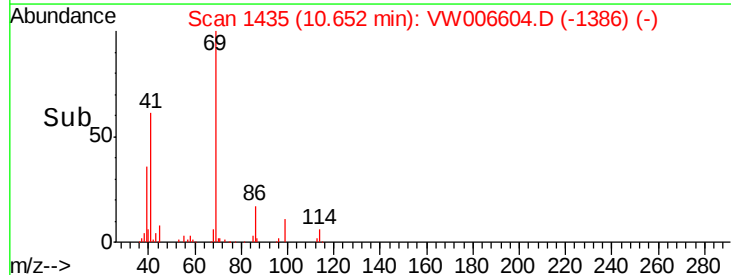
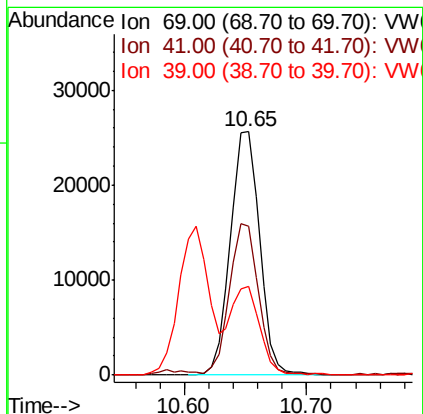
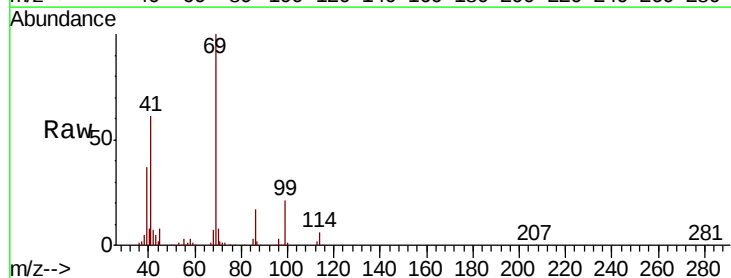
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

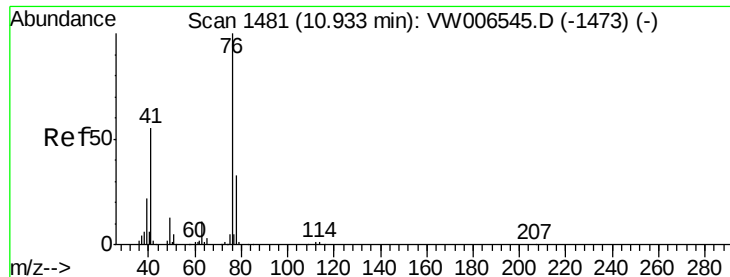
Tgt Ion:	97	Resp:	38211
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.9	101.9
85	53.1	44.0	66.0
99	61.5	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 21.493 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion:	69	Resp:	42507
Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.4	71.2
39	36.5	25.3	37.9

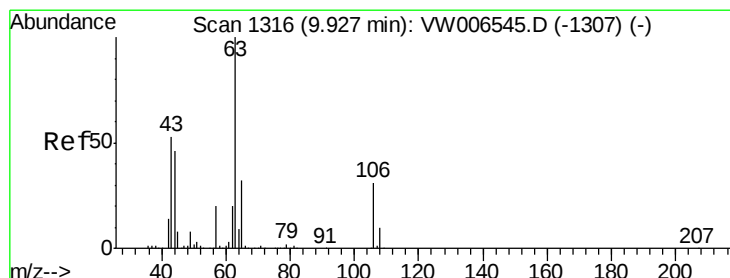
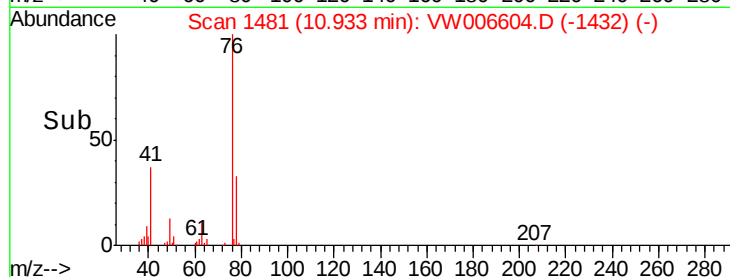
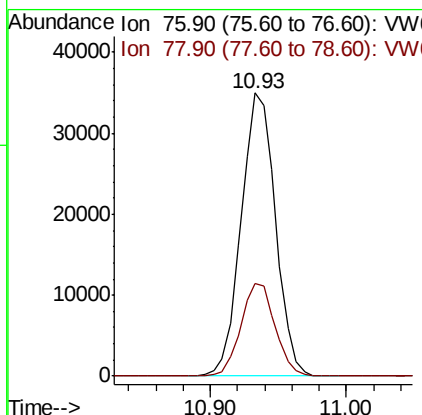
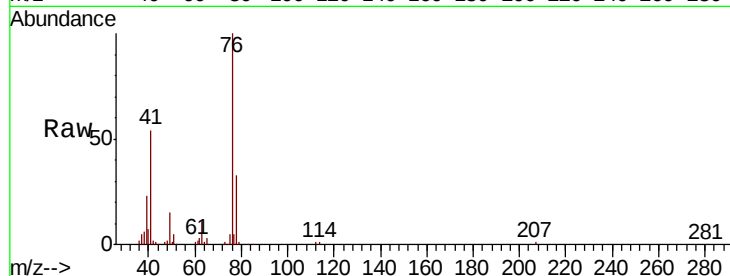




#57
 1,3-Dichloropropane
 Concen: 21.796 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

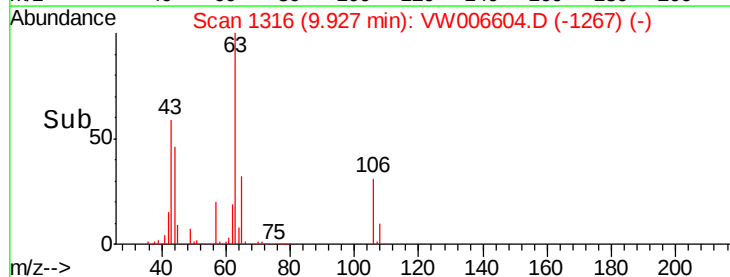
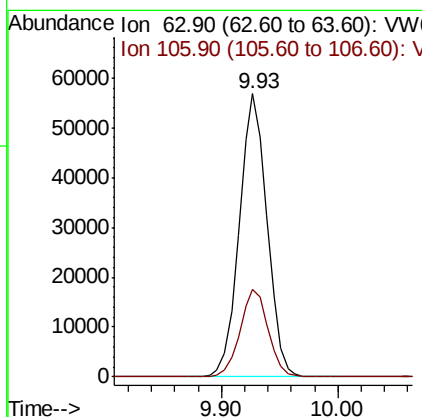
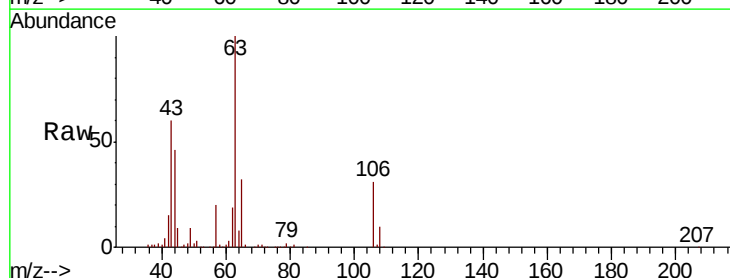
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

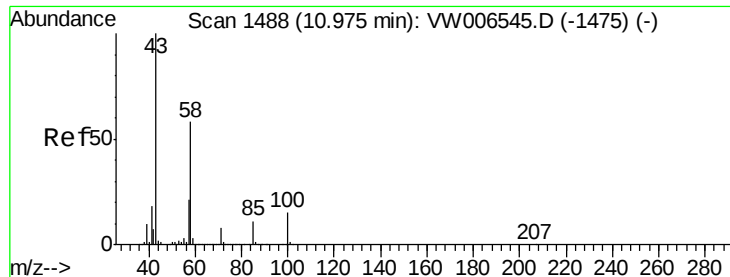
Tgt Ion: 76 Resp: 61585
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.897 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion: 63 Resp: 94118
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.4 38.2

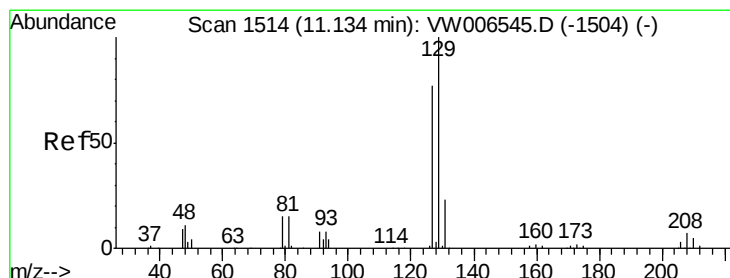
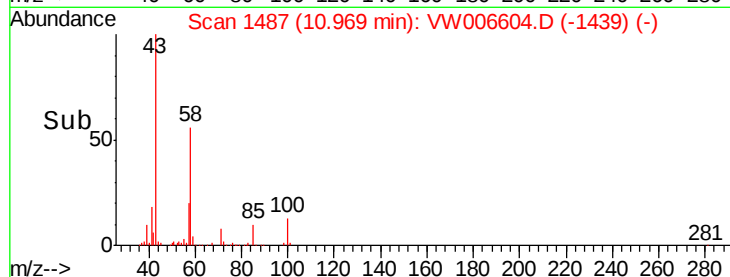
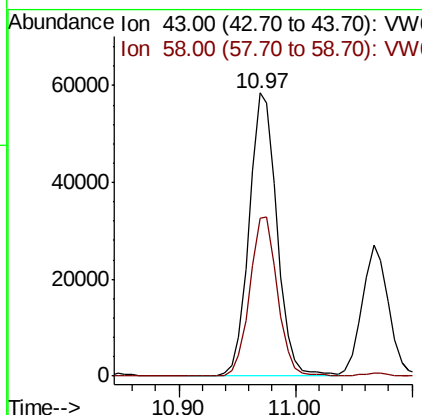
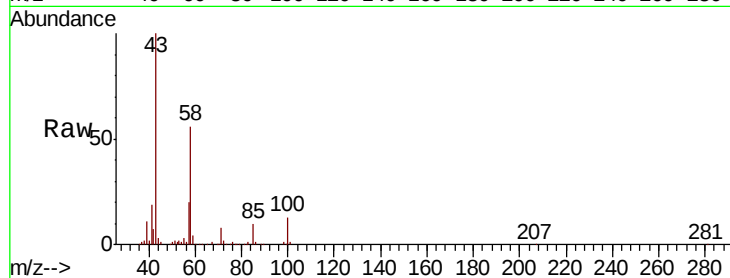




#59
2-Hexanone
Concen: 128.577 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

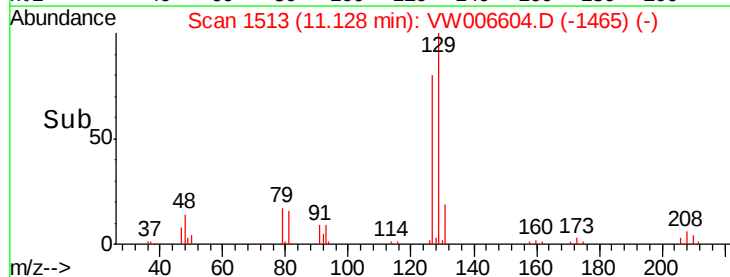
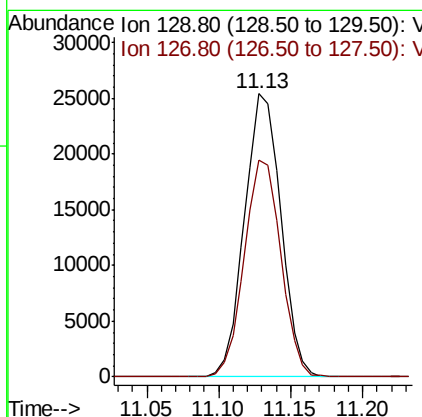
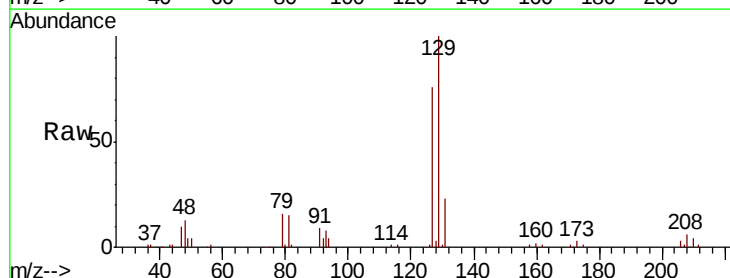
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tgt Ion: 43 Resp: 97888
Ion Ratio Lower Upper
43 100
58 55.9 28.8 86.4



#60
Dibromochloromethane
Concen: 21.535 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 129 Resp: 44397
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3

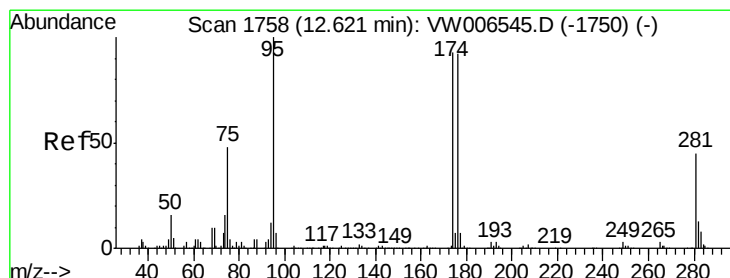
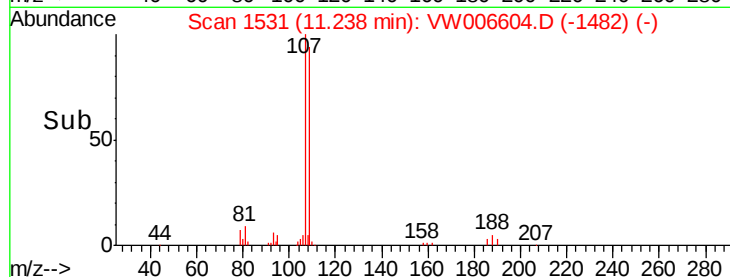
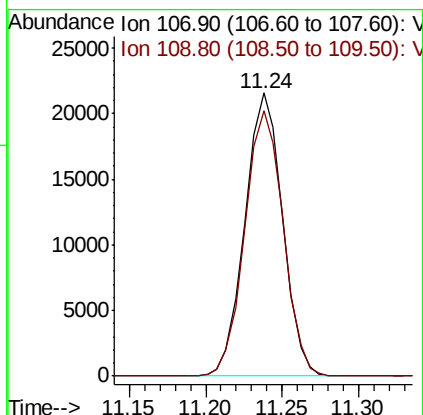
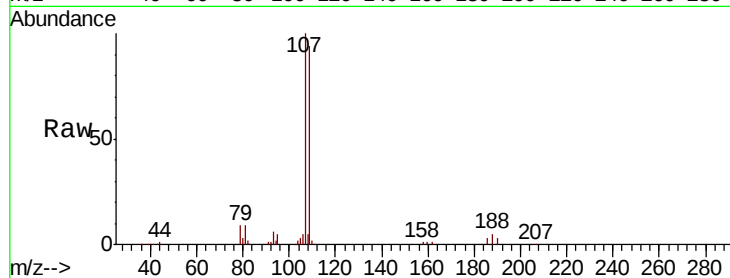




#61
 1,2-Dibromoethane
 Concen: 21.379 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

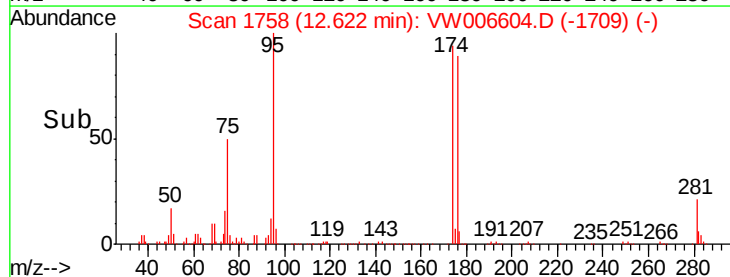
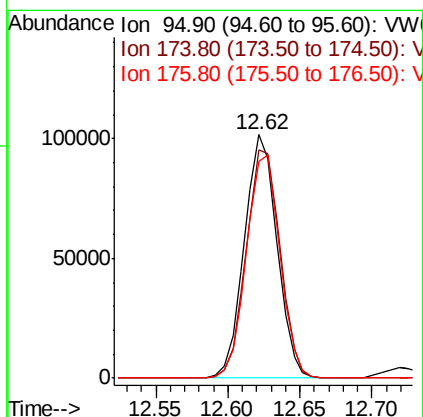
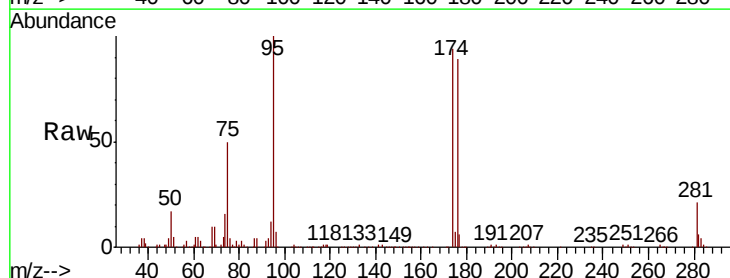
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

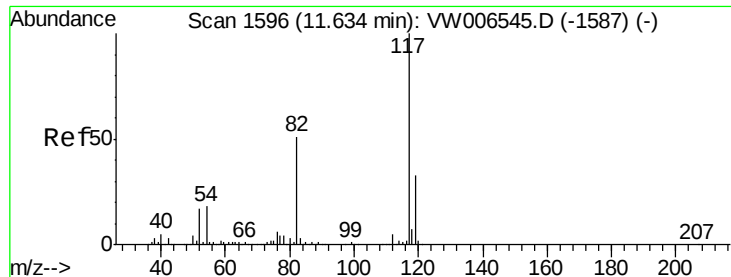
Tgt Ion: 107 Resp: 36942
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 51.291 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion: 95 Resp: 159441
 Ion Ratio Lower Upper
 95 100
 174 97.1 0.0 192.4
 176 93.9 0.0 187.4

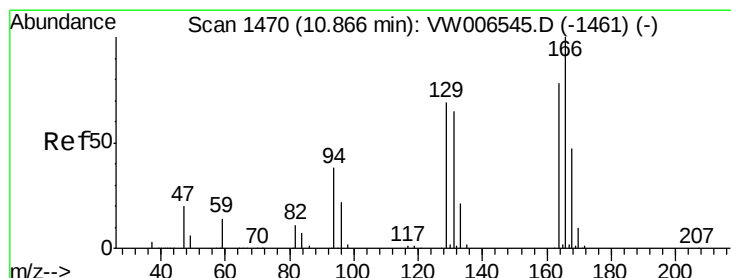
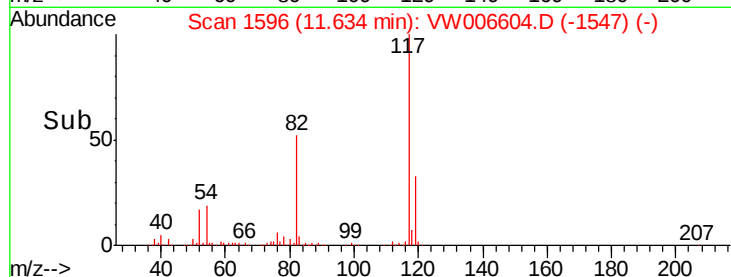
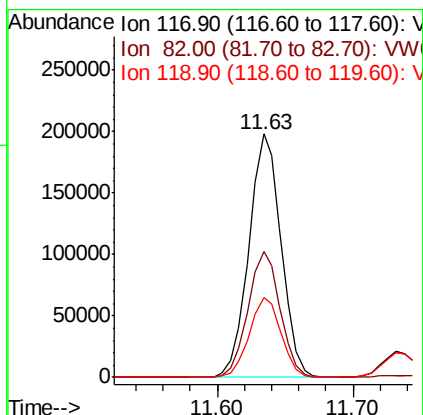
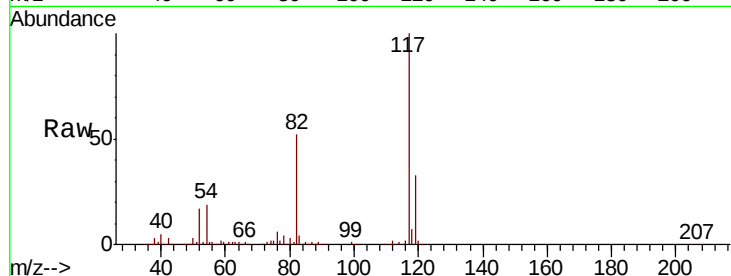




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

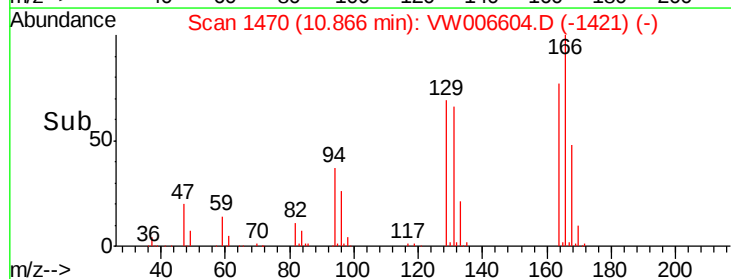
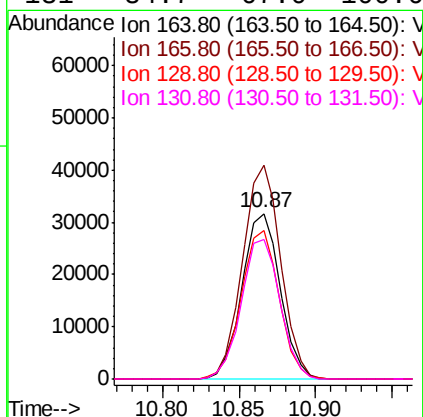
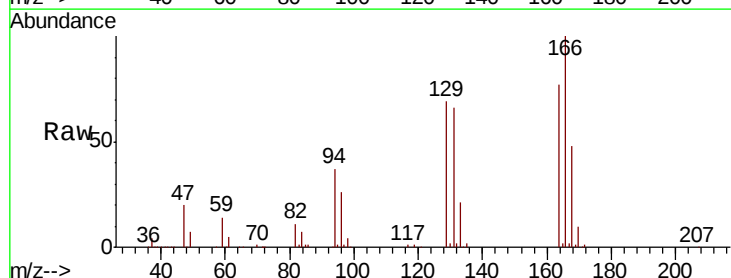
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

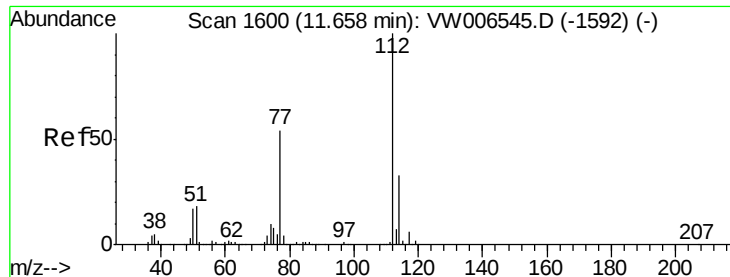
Tgt Ion:117 Resp: 328007
Ion Ratio Lower Upper
117 100
82 51.7 40.8 61.2
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 21.064 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion:164 Resp: 55077
Ion Ratio Lower Upper
164 100
166 129.2 102.8 154.2
129 89.7 70.9 106.3
131 84.7 67.0 100.6

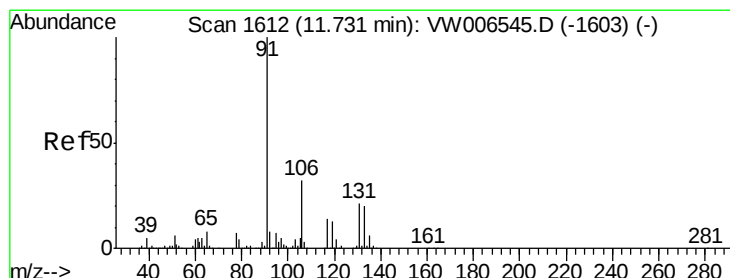
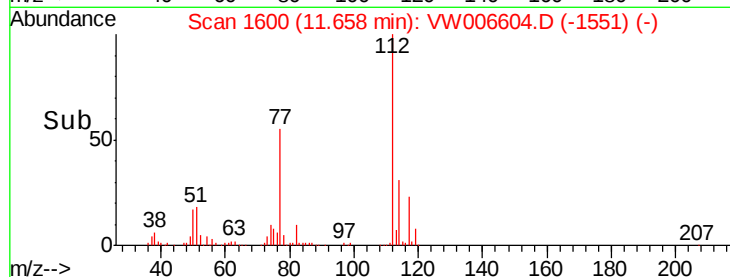
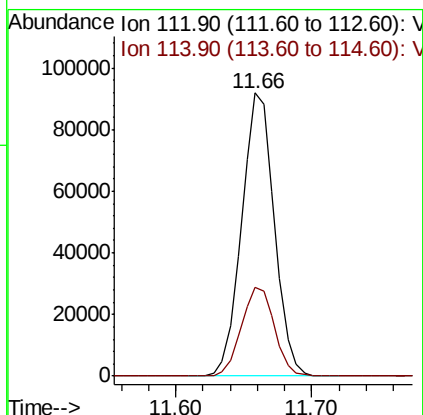
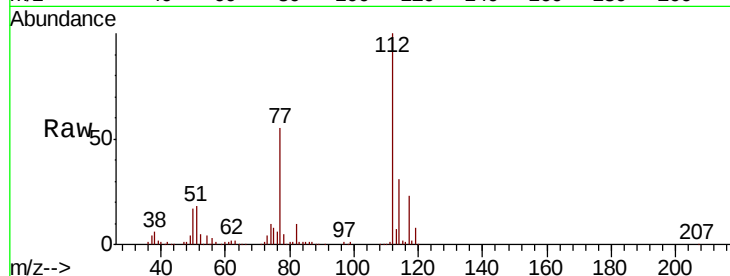




#65
Chlorobenzene
Concen: 22.267 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

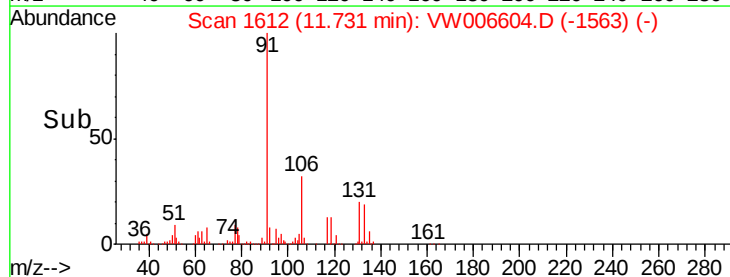
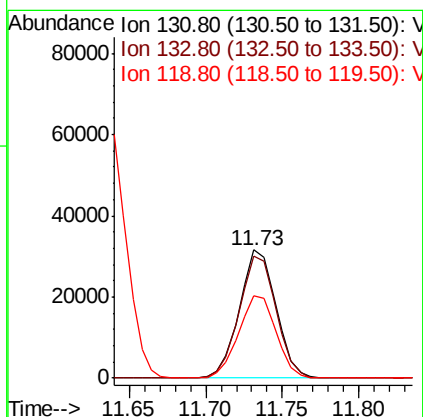
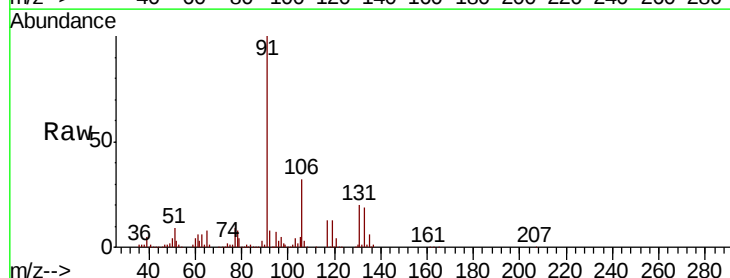
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

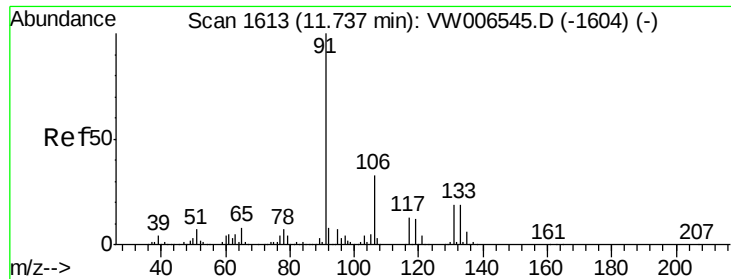
Tgt Ion:112 Resp: 153693
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.633 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion:131 Resp: 52481
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 65.6 31.9 95.5

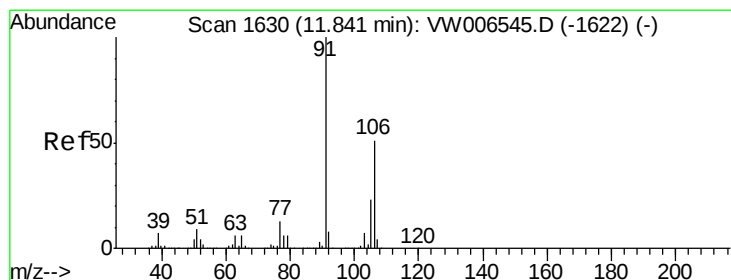
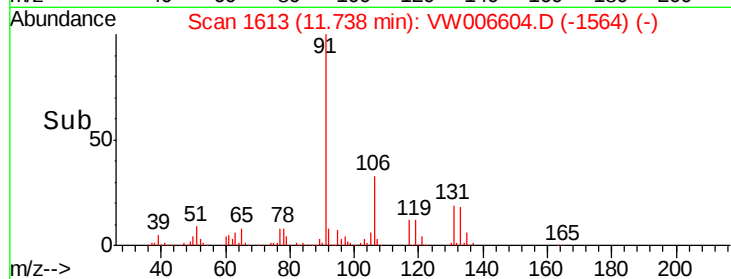
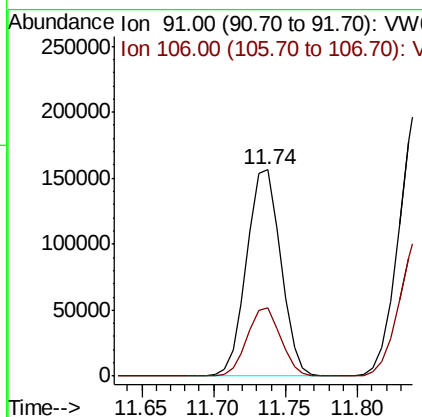
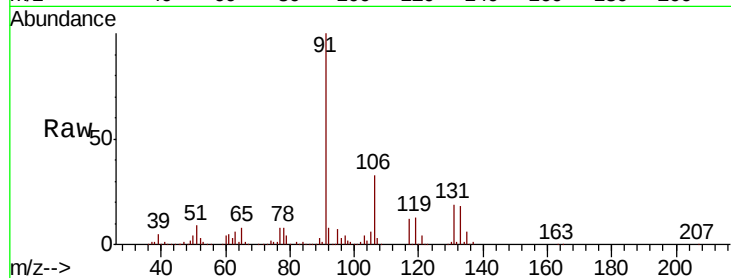




#67
Ethyl Benzene
Concen: 22.269 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

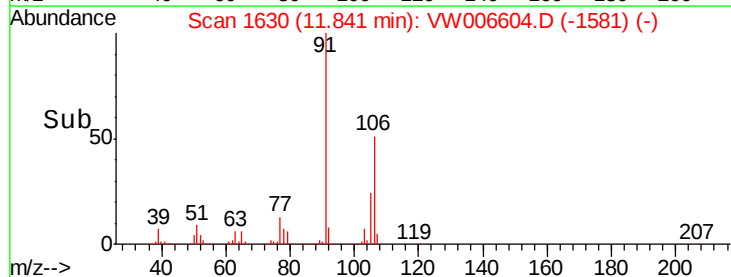
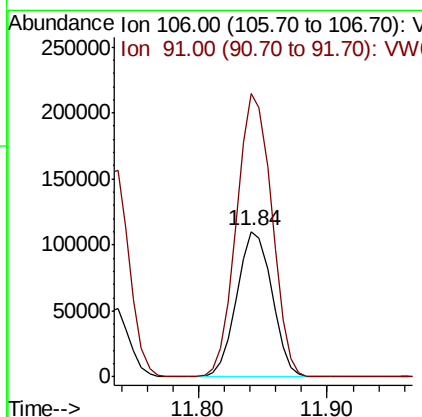
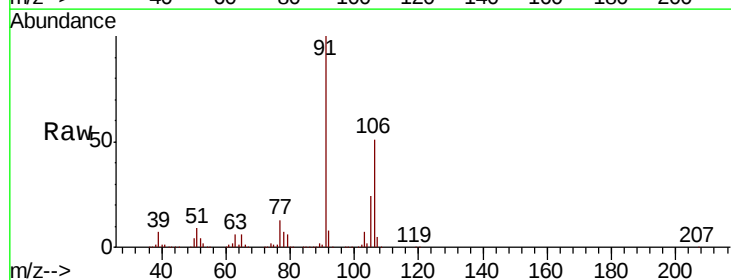
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

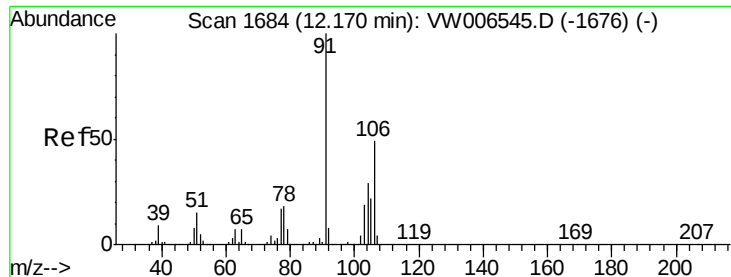
Tgt Ion: 91 Resp: 256918
Ion Ratio Lower Upper
91 100
106 33.1 26.3 39.5



#68
m/p-Xylenes
Concen: 45.132 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 106 Resp: 208023
Ion Ratio Lower Upper
106 100
91 196.3 156.7 235.1

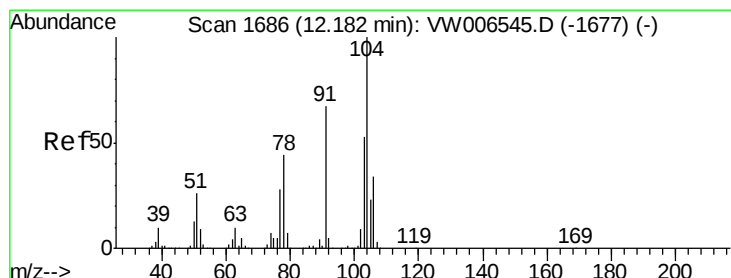
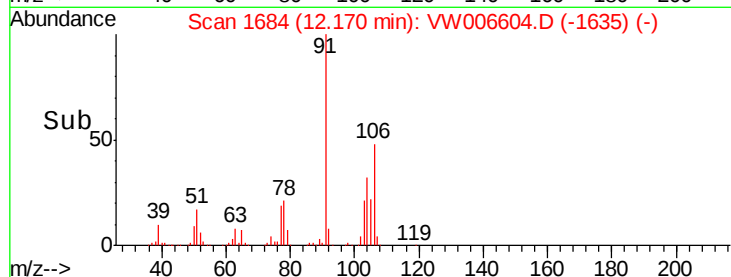
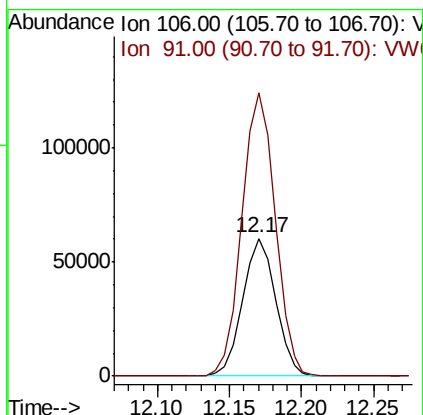
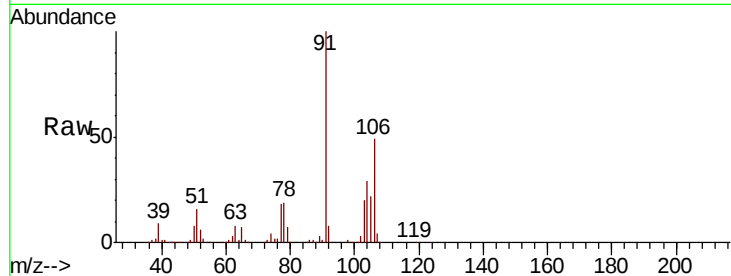




#69
o-Xylene
Concen: 21.834 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

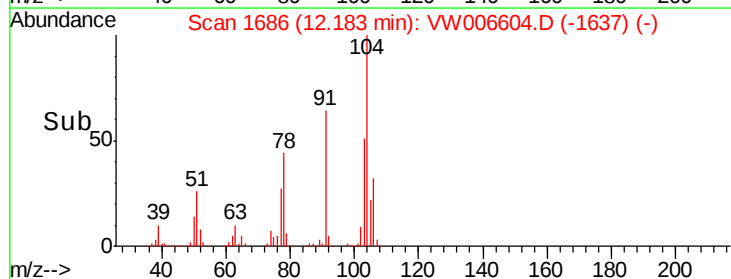
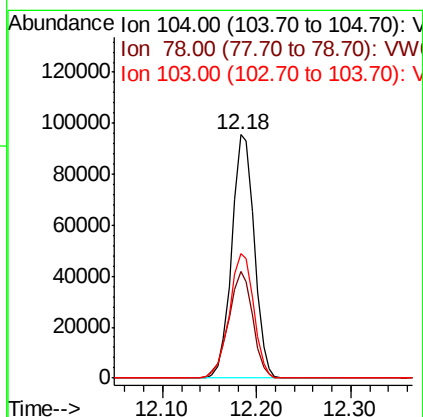
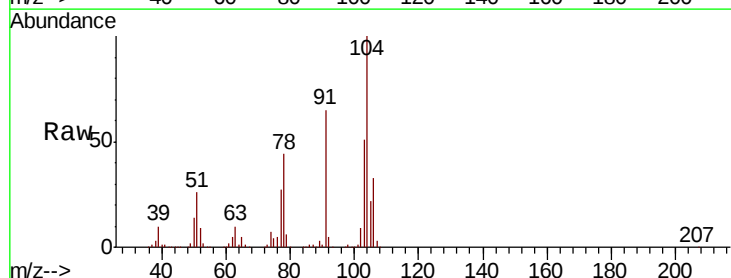
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

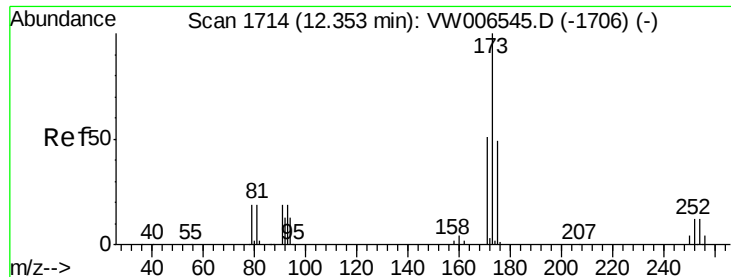
Tgt Ion:106 Resp: 95809
Ion Ratio Lower Upper
106 100
91 207.9 102.8 308.4



#70
Styrene
Concen: 22.199 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion:104 Resp: 158813
Ion Ratio Lower Upper
104 100
78 47.0 37.2 55.8
103 55.3 44.2 66.2

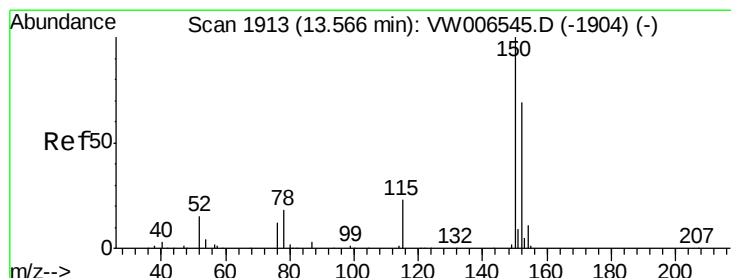
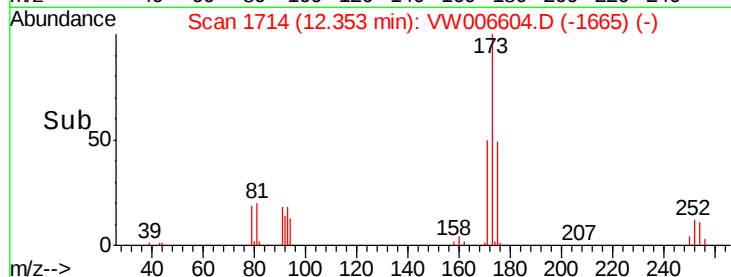
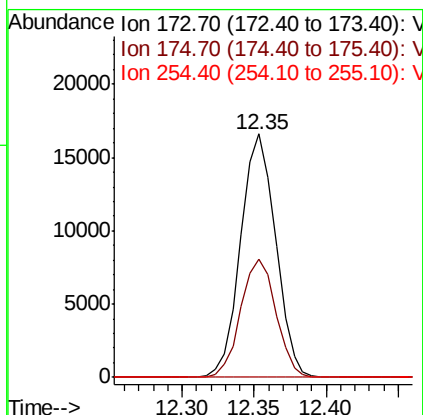
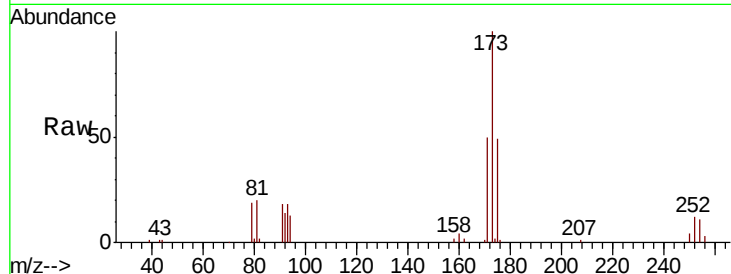




#71
Bromoform
Concen: 21.770 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

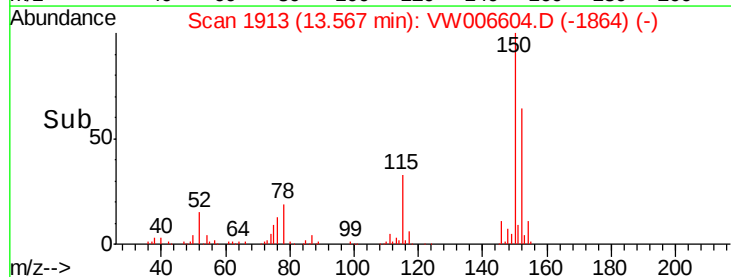
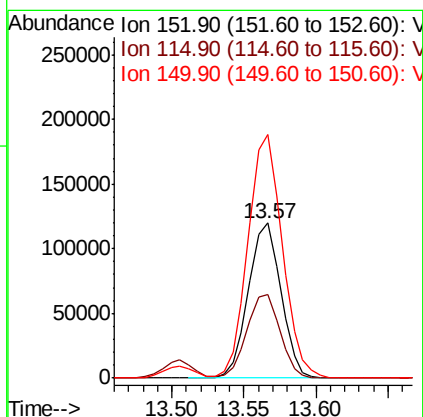
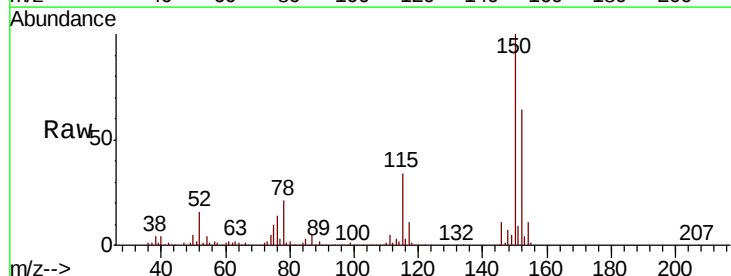
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

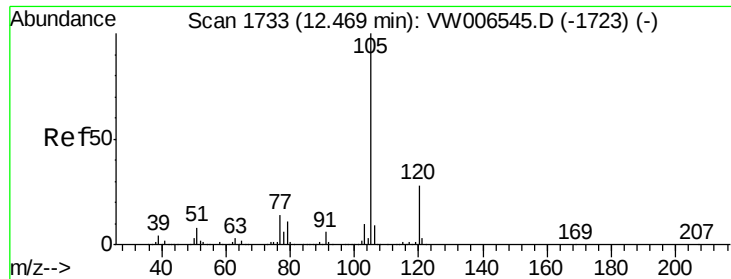
Tgt Ion:173 Resp: 27996
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion:152 Resp: 187525
Ion Ratio Lower Upper
152 100
115 55.0 26.6 79.8
150 165.1 0.0 344.6





#73

Isopropylbenzene

Concen: 21.800 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

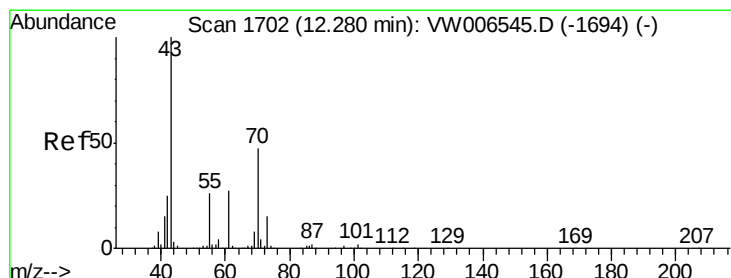
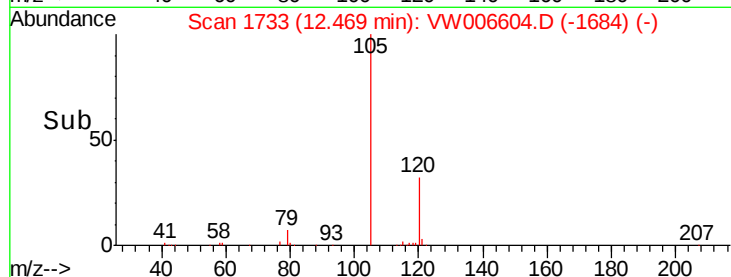
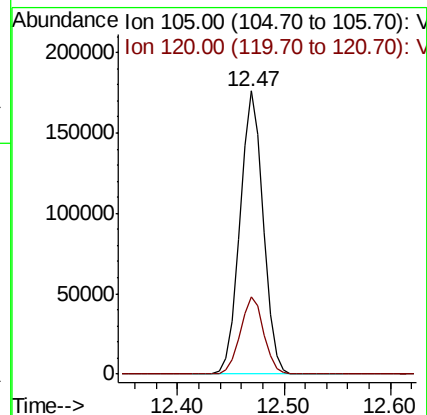
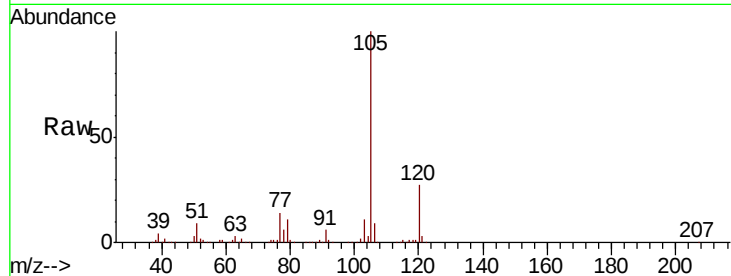
VW1104SBS01

Tgt Ion: 105 Resp: 269300

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 22.835 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion: 43 Resp: 48746

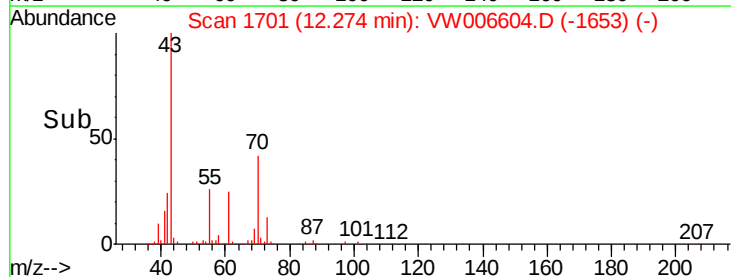
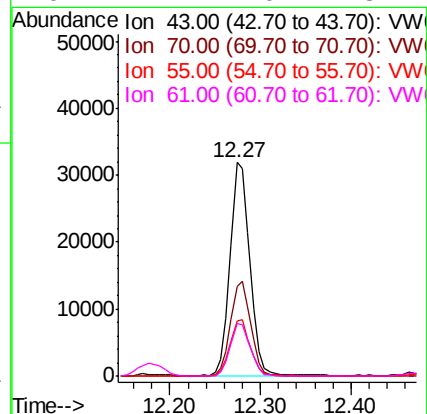
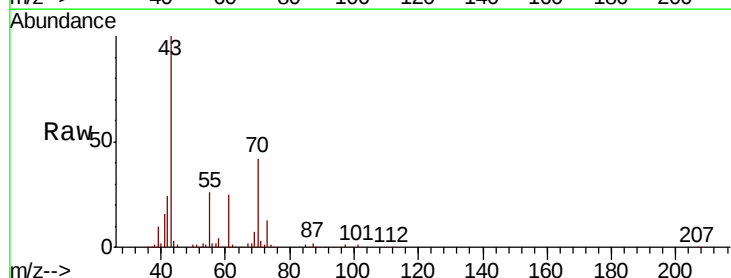
Ion Ratio Lower Upper

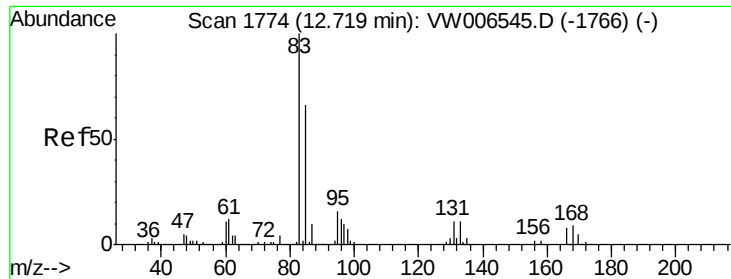
43 100

70 45.0 36.9 55.3

55 26.7 20.7 31.1

61 24.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.338 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

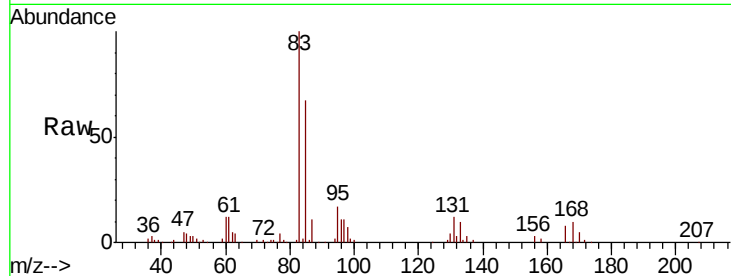
Tgt Ion: 83 Resp: 43584

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

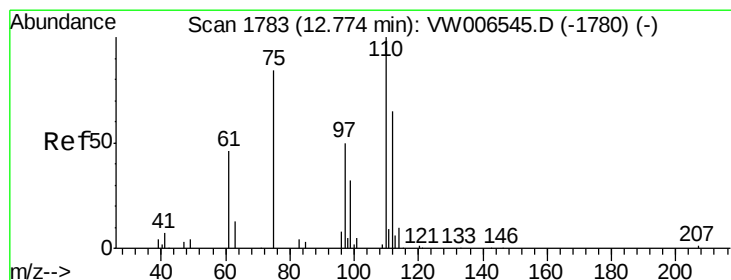
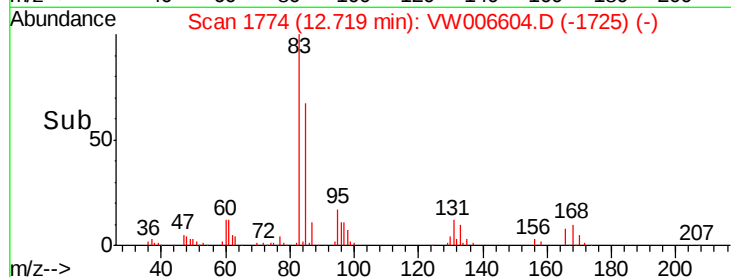
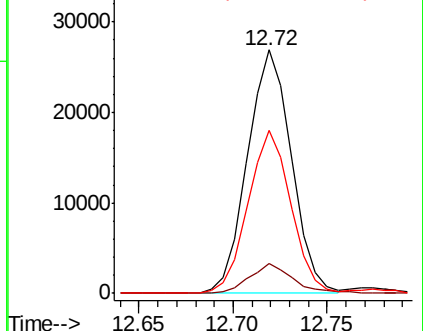
85 65.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.791 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006604.D

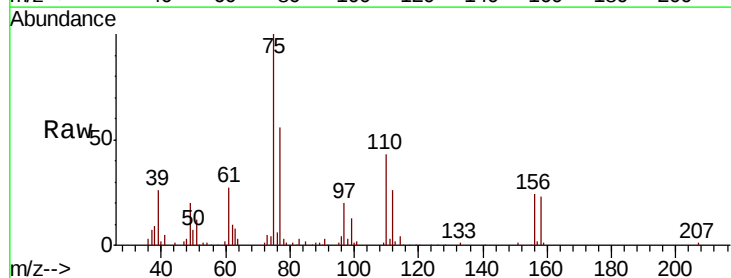
Acq: 02 Nov 2018 16:32

Tgt Ion: 75 Resp: 55293

Ion Ratio Lower Upper

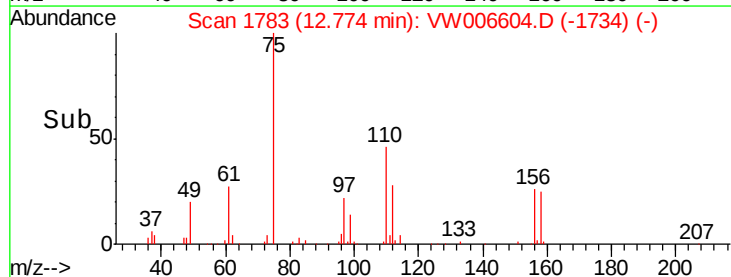
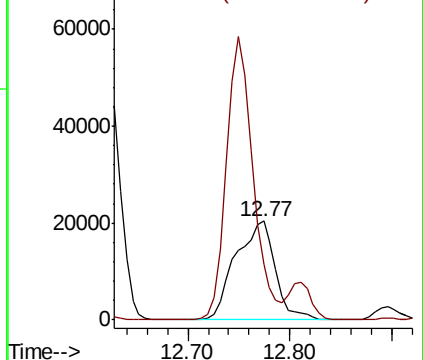
75 100

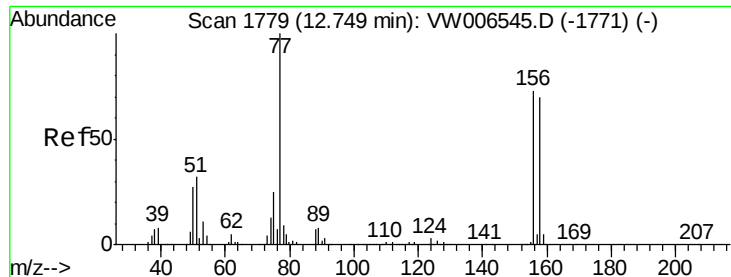
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.413 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

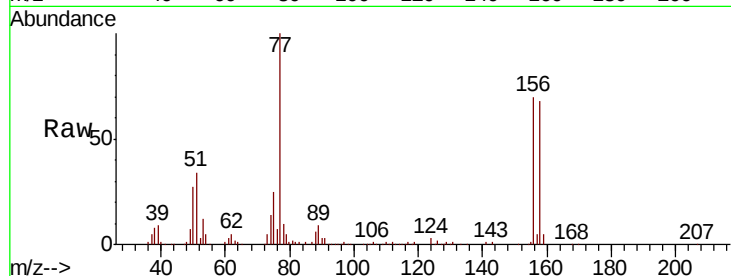
Tgt Ion:156 Resp: 68488

Ion Ratio Lower Upper

156 100

77 154.7 75.9 227.8

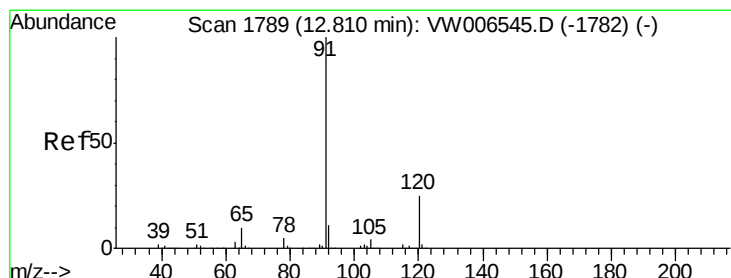
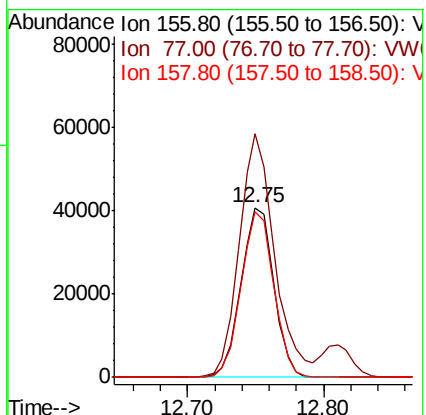
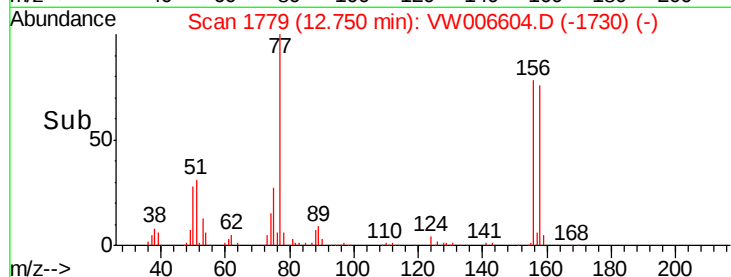
158 97.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.652 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006604.D

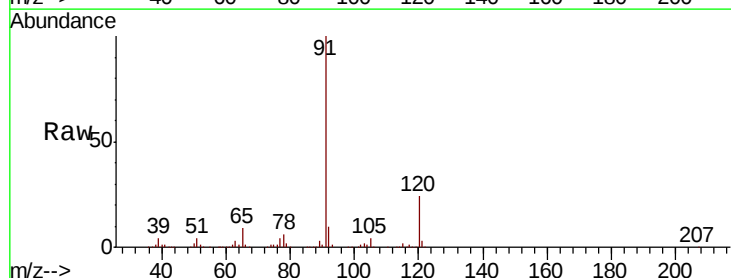
Acq: 02 Nov 2018 16:32

Tgt Ion: 91 Resp: 321854

Ion Ratio Lower Upper

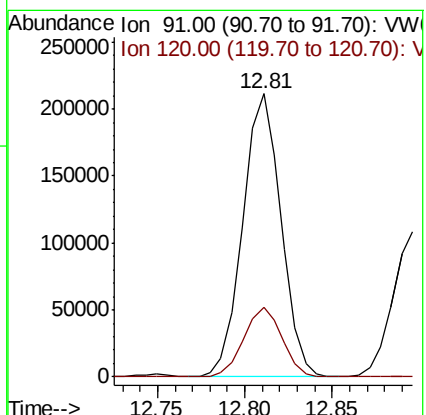
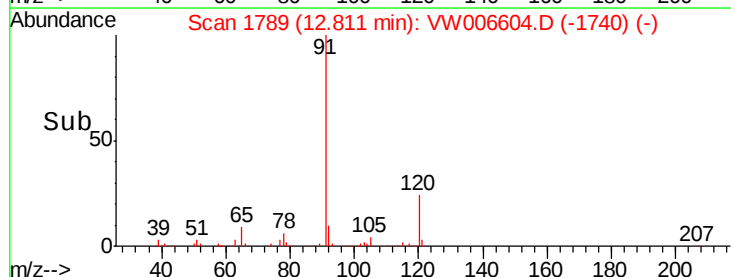
91 100

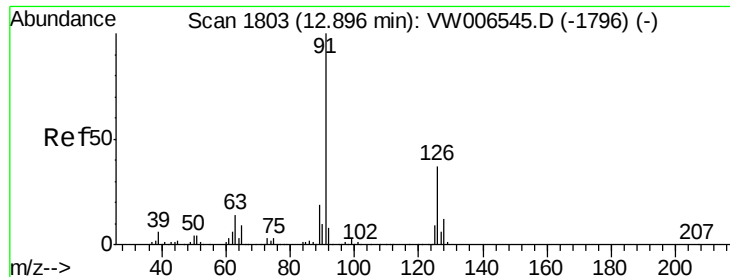
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

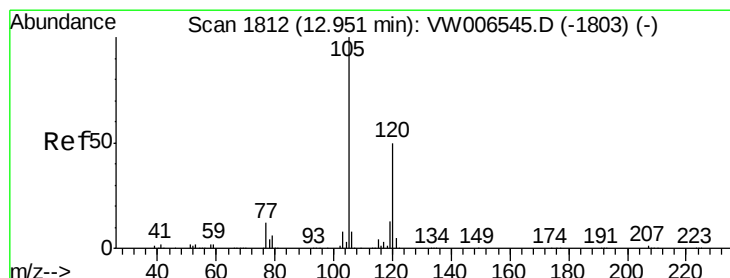
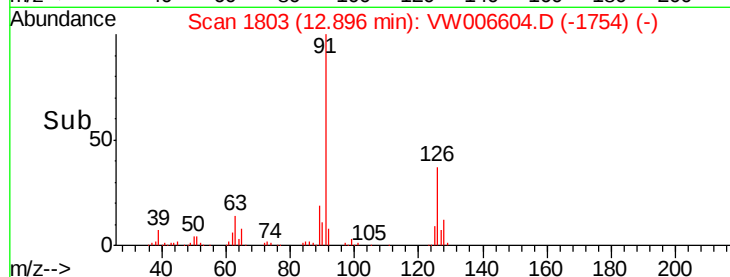
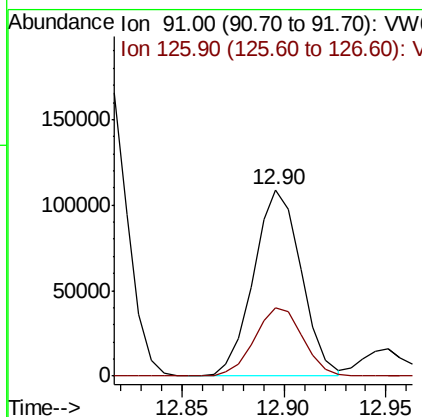
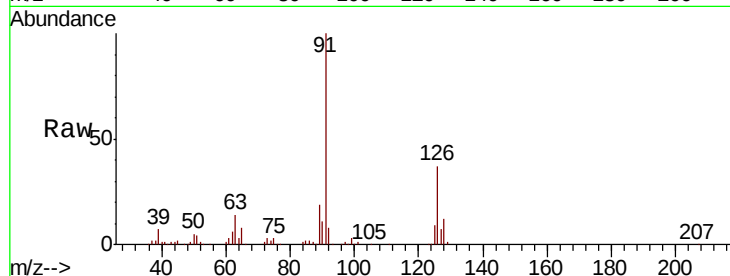




#79
2-Chlorotoluene
Concen: 21.701 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

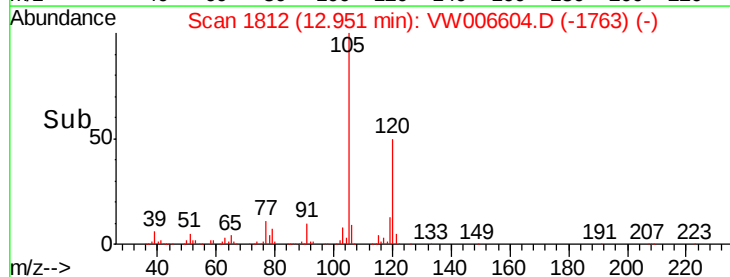
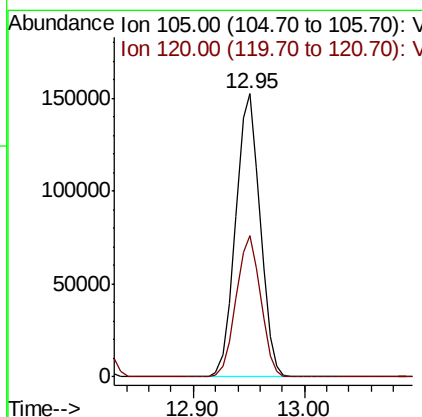
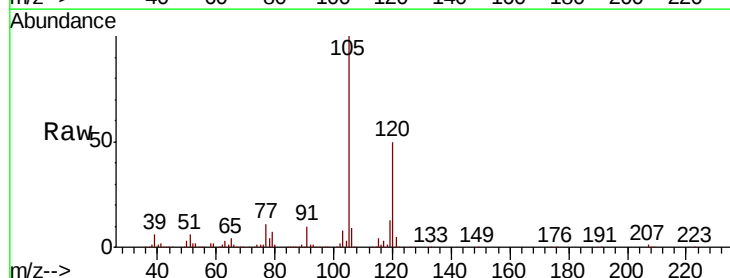
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

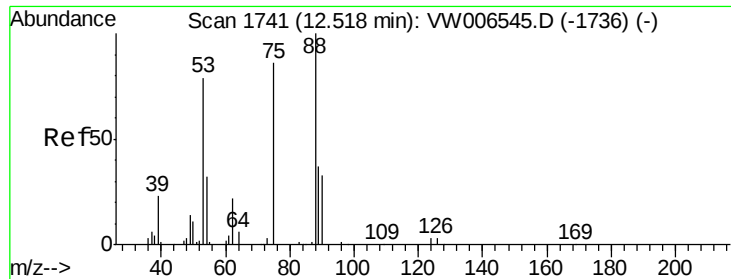
Tgt Ion: 91 Resp: 176958
Ion Ratio Lower Upper
91 100
126 37.1 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 22.318 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 105 Resp: 231624
Ion Ratio Lower Upper
105 100
120 49.8 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 22.055 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

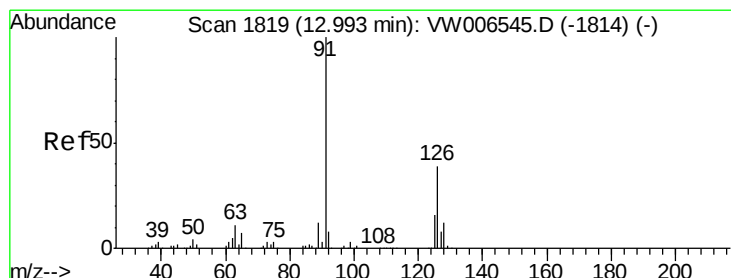
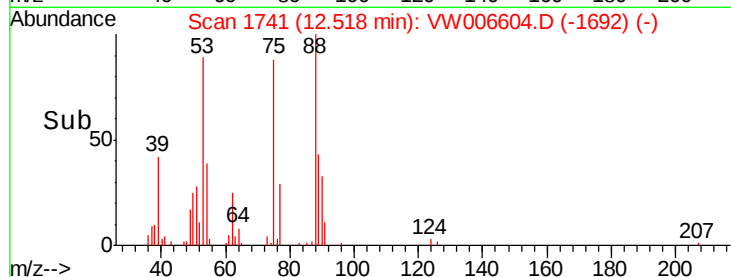
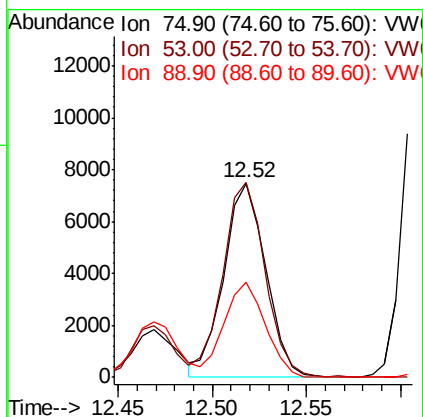
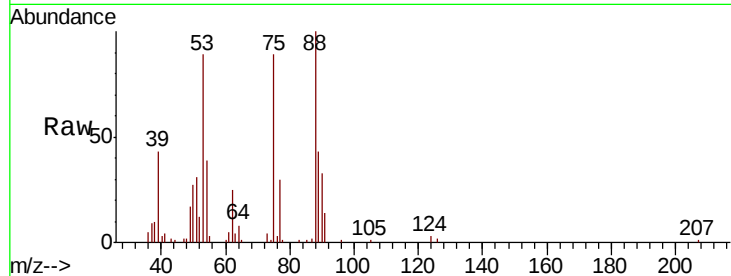
Tgt Ion: 75 Resp: 11573

Ion Ratio Lower Upper

75 100

53 101.2 77.2 115.8

89 47.8 38.6 58.0



#82

4-Chlorotoluene

Concen: 22.105 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006604.D

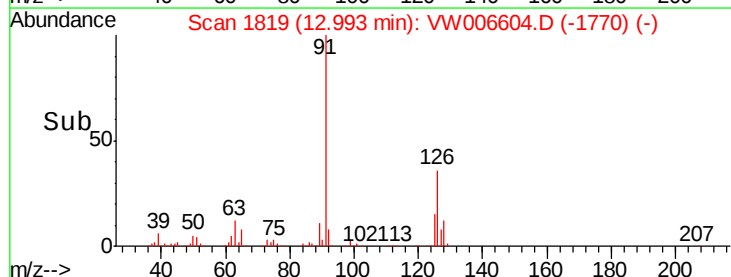
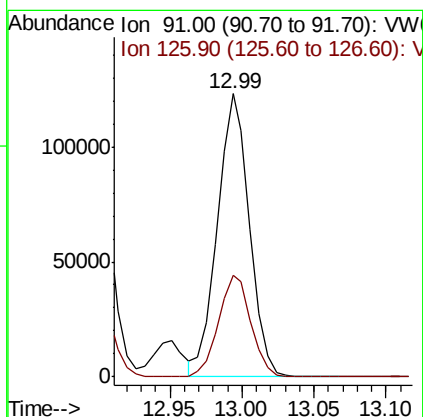
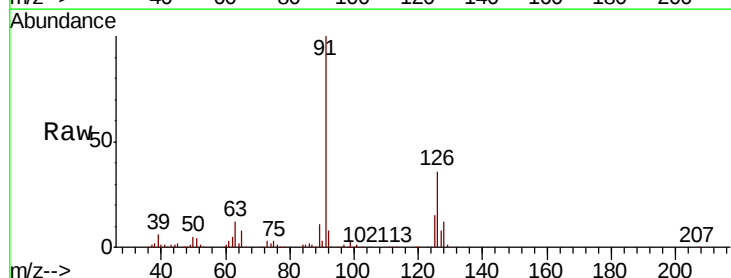
Acq: 02 Nov 2018 16:32

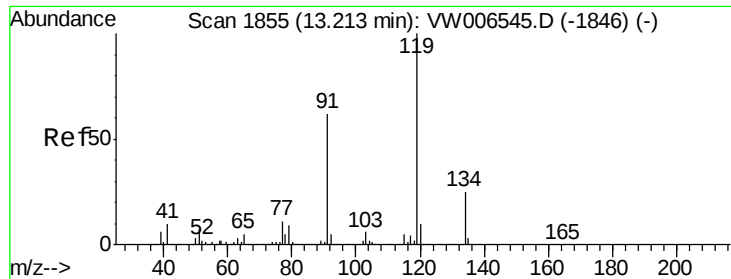
Tgt Ion: 91 Resp: 190699

Ion Ratio Lower Upper

91 100

126 36.6 18.5 55.5

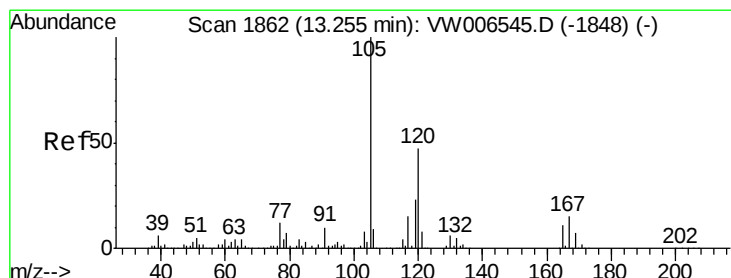
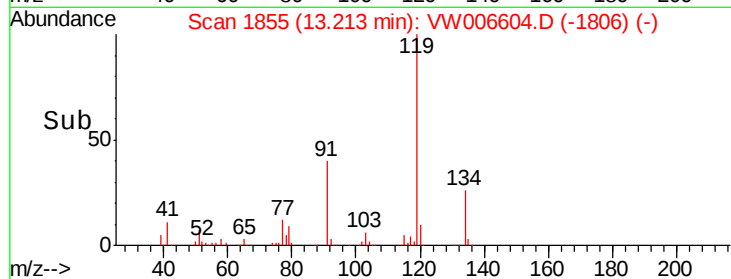
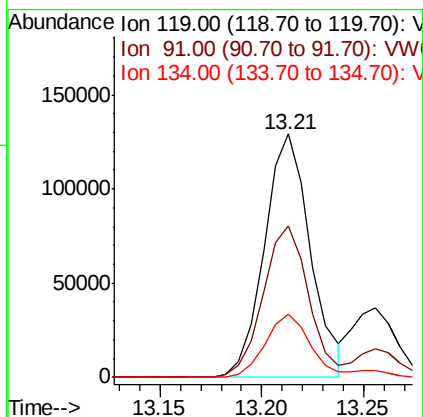
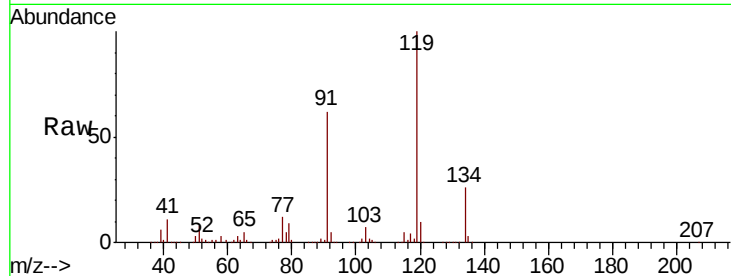




#83
tert-Butylbenzene
Concen: 21.936 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

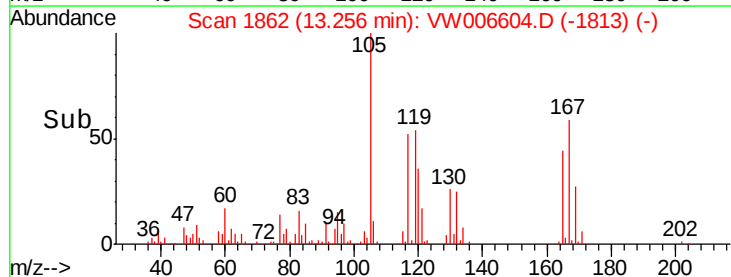
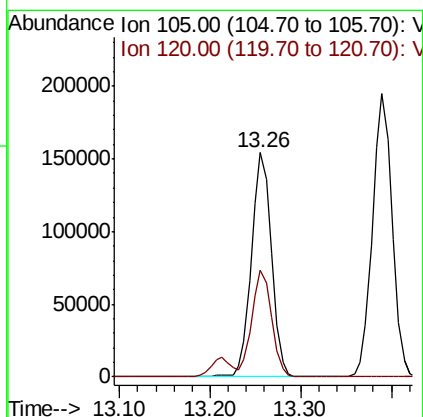
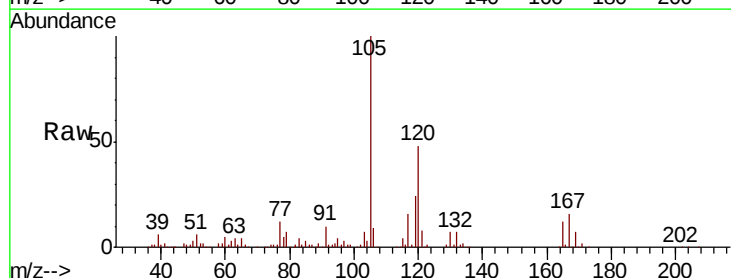
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

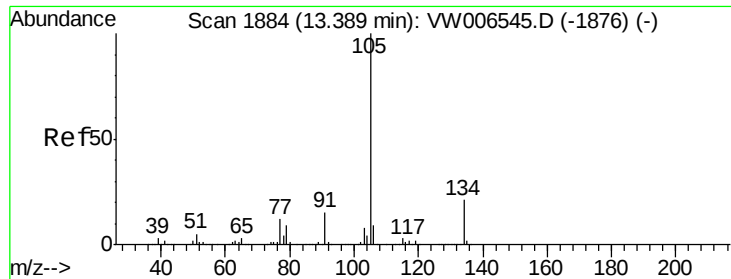
Tgt Ion:119 Resp: 203023
Ion Ratio Lower Upper
119 100
91 61.6 30.4 91.3
134 27.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 22.256 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion:105 Resp: 236920
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

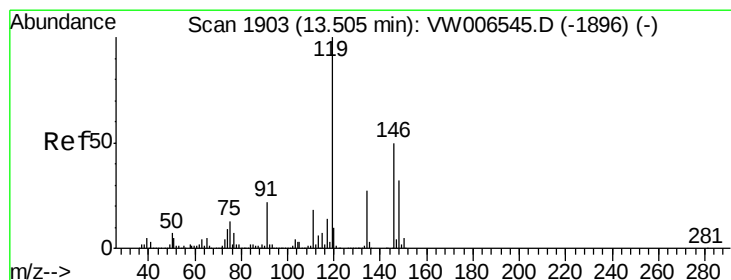
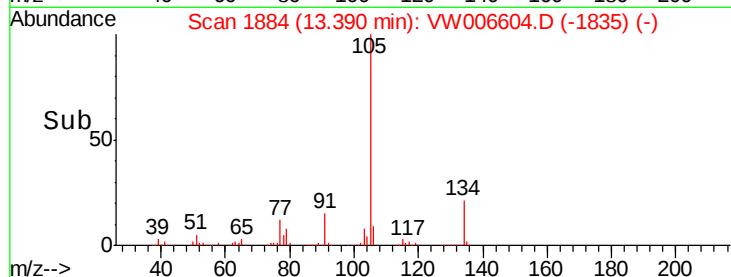
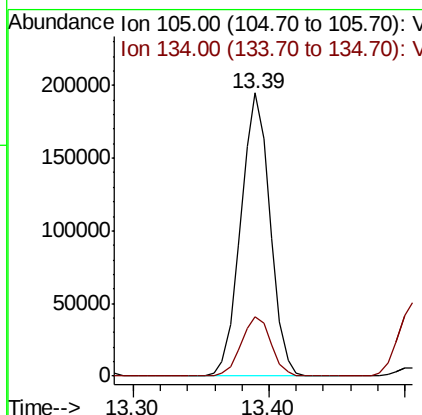
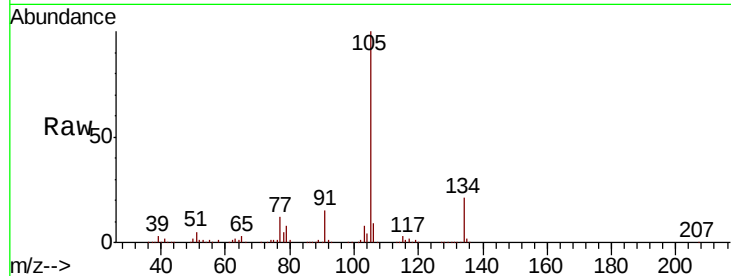




#85
 sec-Butylbenzene
 Concen: 22.587 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

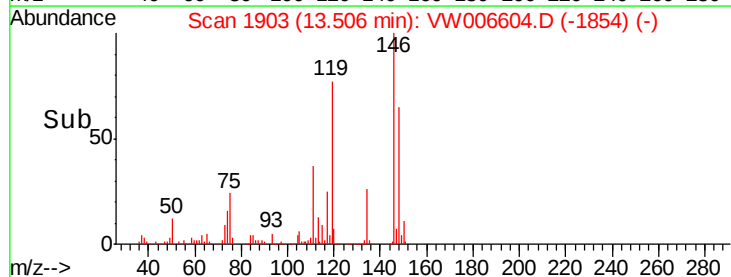
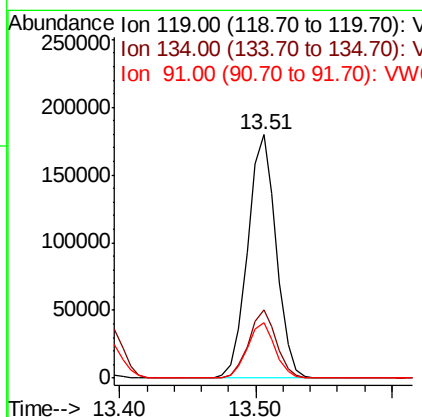
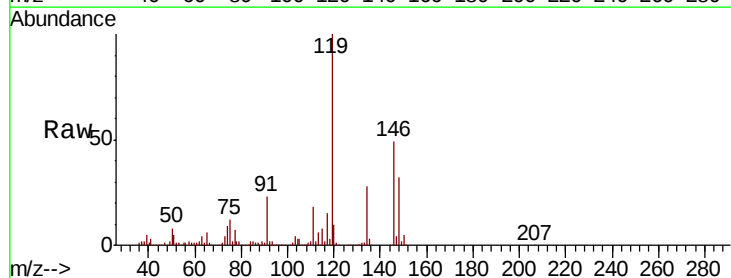
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

Tgt Ion:105 Resp: 292781
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 22.251 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion:119 Resp: 262444
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 22.3 10.9 32.6

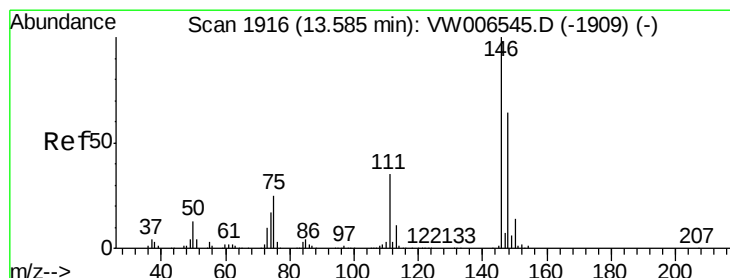
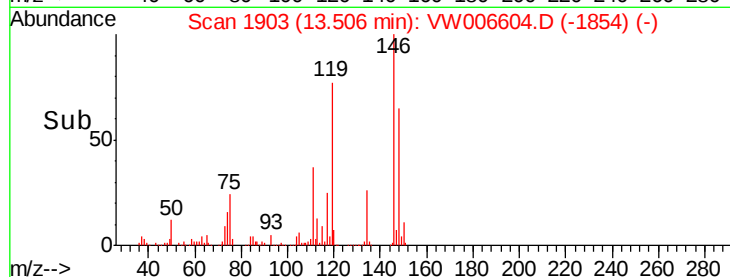
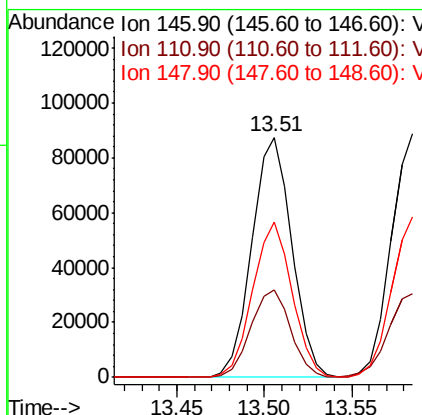
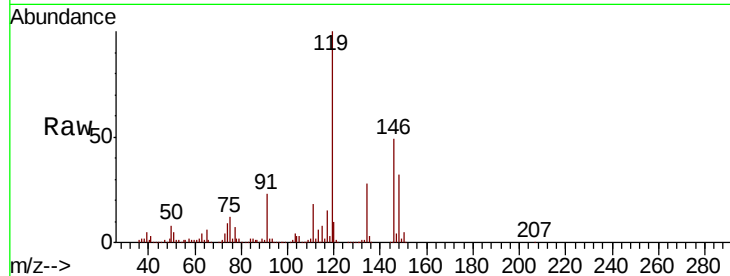




#87
 1,3-Dichlorobenzene
 Concen: 22.246 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

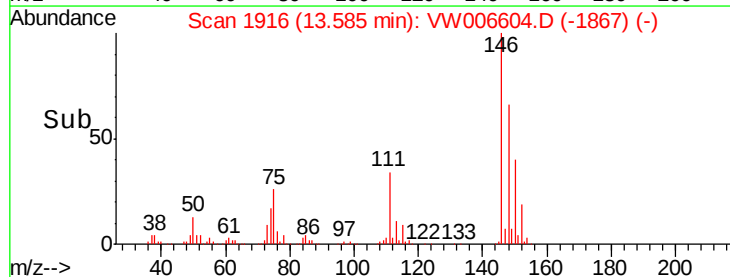
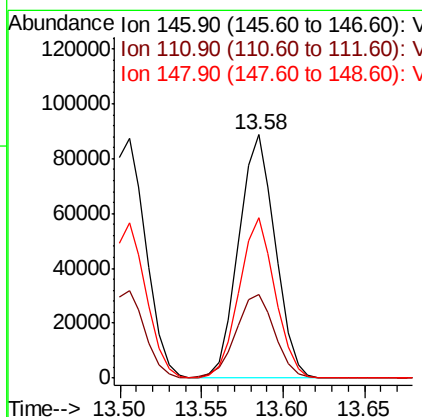
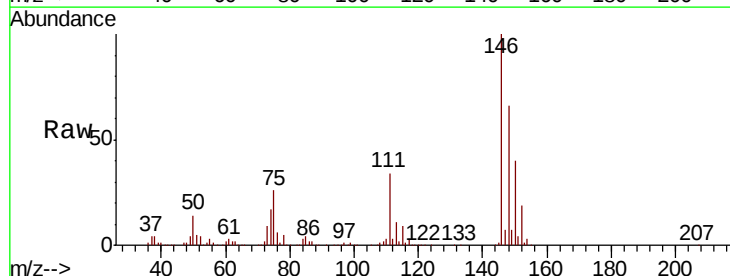
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

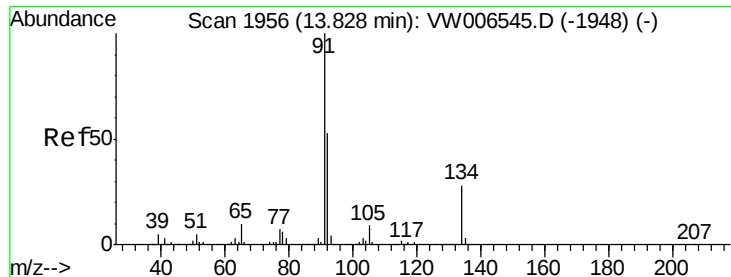
Tgt Ion:146 Resp: 140127
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.6
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 22.213 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion:146 Resp: 138692
 Ion Ratio Lower Upper
 146 100
 111 36.5 17.9 53.7
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 23.153 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

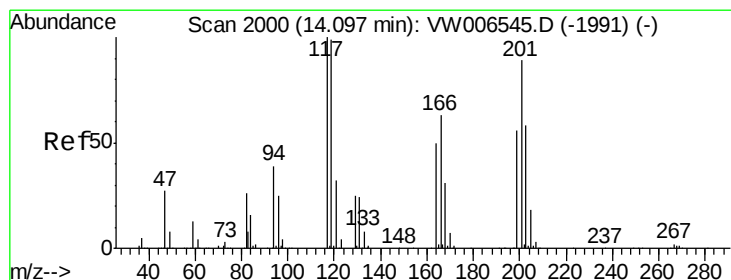
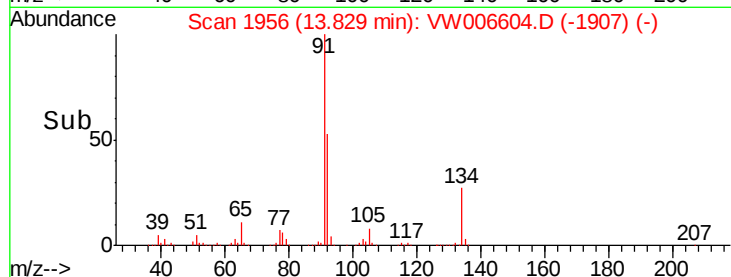
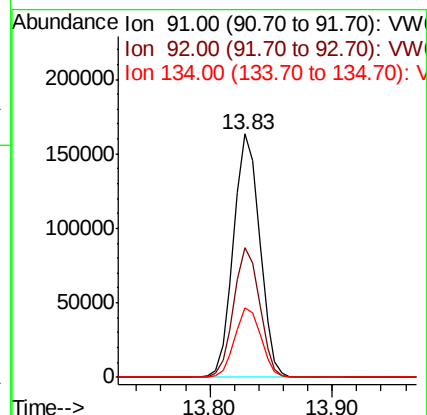
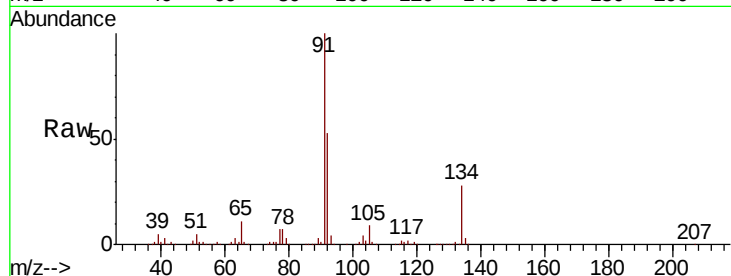
Tgt Ion: 91 Resp: 242414

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 28.4 14.3 42.9



#90

Hexachloroethane

Concen: 21.774 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006604.D

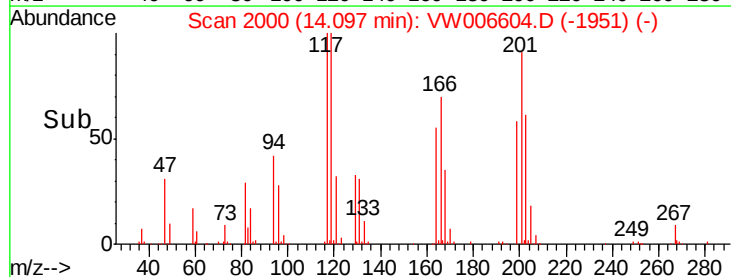
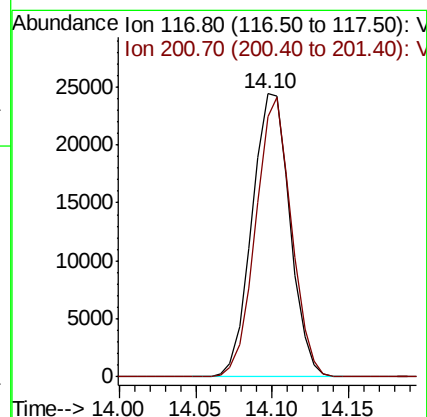
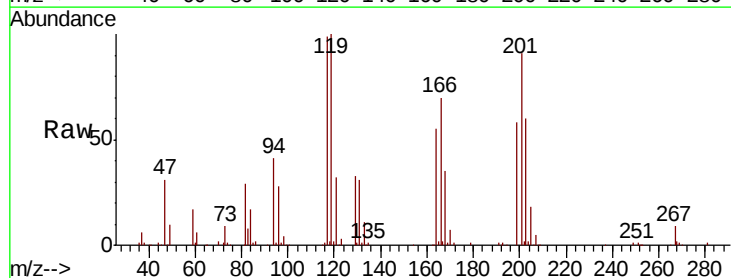
Acq: 02 Nov 2018 16:32

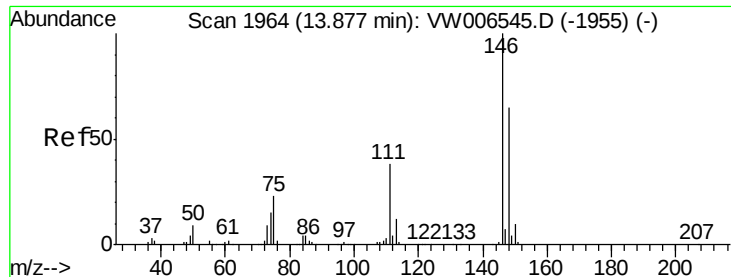
Tgt Ion: 117 Resp: 42209

Ion Ratio Lower Upper

117 100

201 92.6 46.8 140.3





#91

1,2-Dichlorobenzene

Concen: 22.029 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

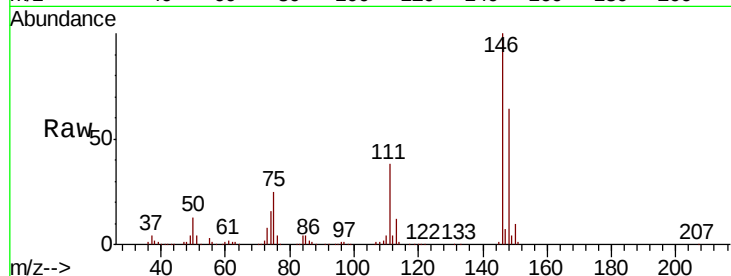
Tgt Ion:146 Resp: 124816

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

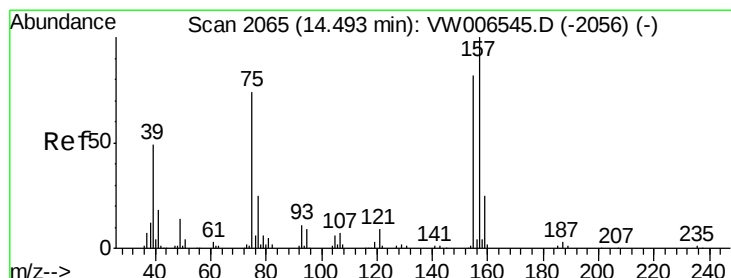
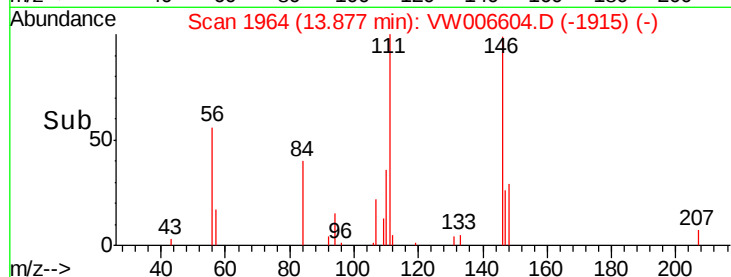
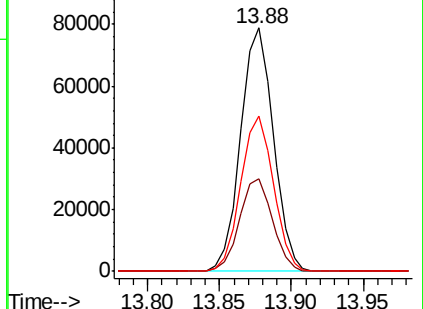
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.681 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

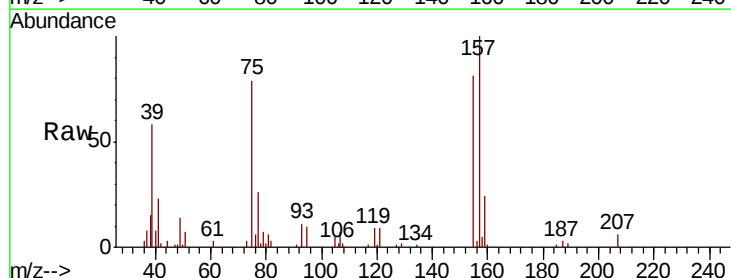
Tgt Ion: 75 Resp: 6864

Ion Ratio Lower Upper

75 100

155 105.0 50.6 151.8

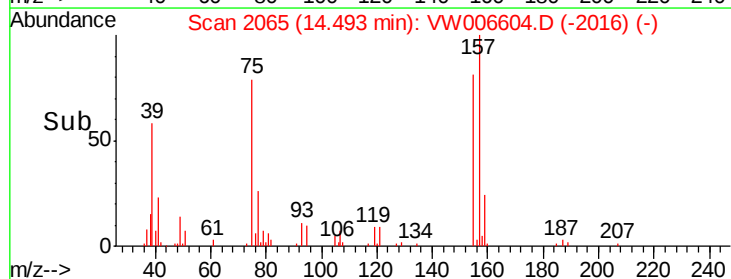
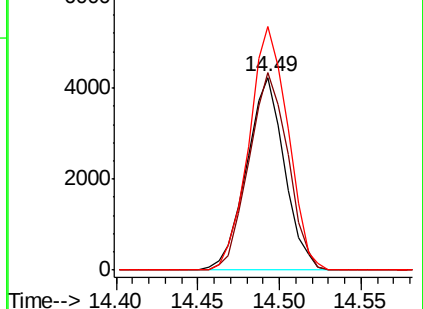
157 129.6 65.0 195.0

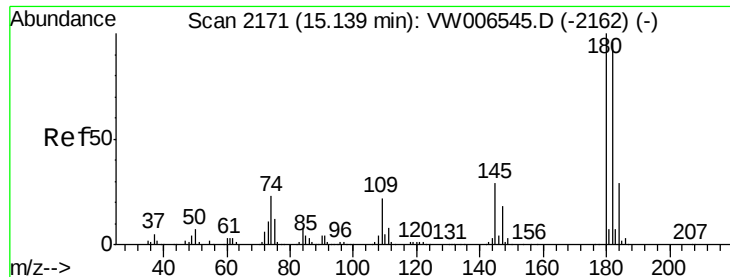


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

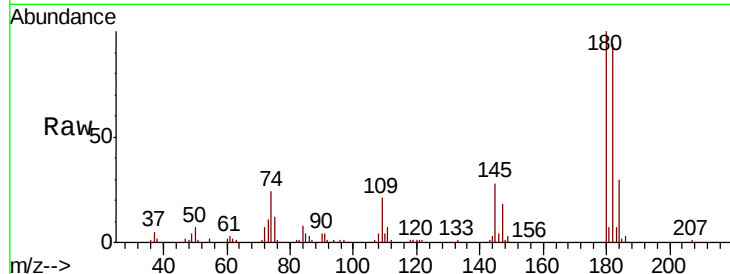




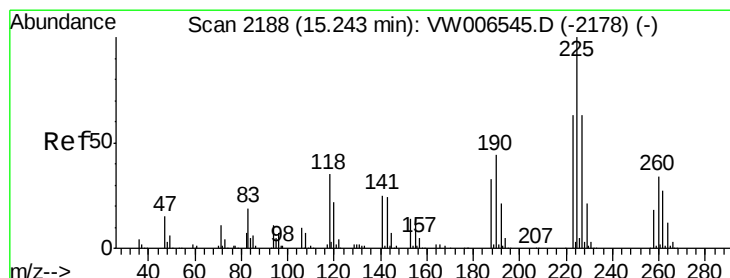
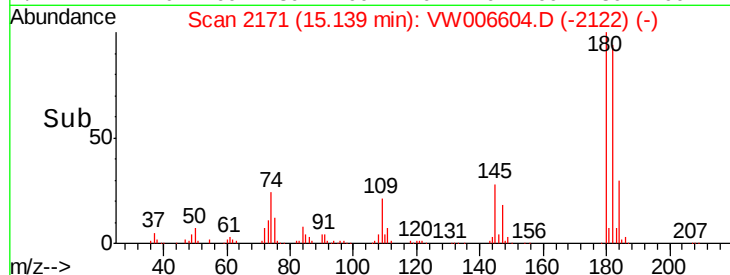
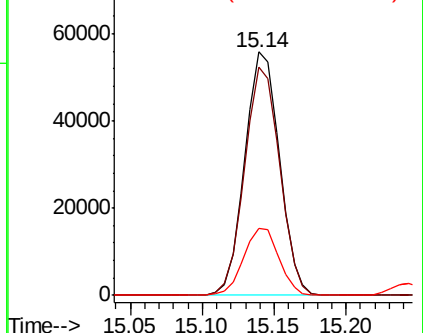
#93
 1,2,4-Trichlorobenzene
 Concen: 22.096 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

Tgt Ion:180 Resp: 93093
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.5 142.6
 145 28.0 14.0 42.0

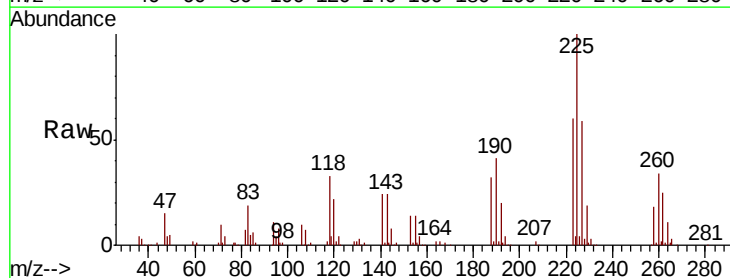


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

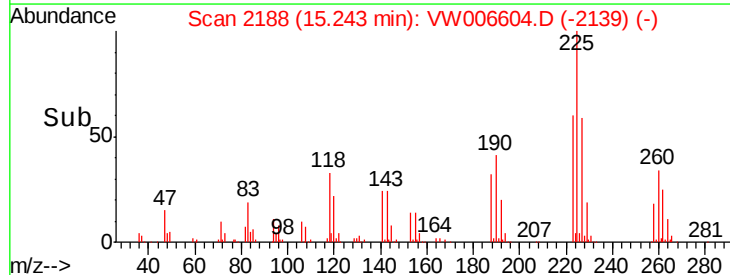
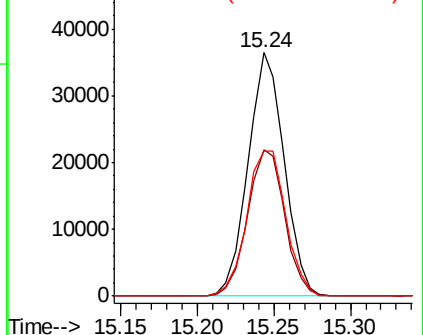


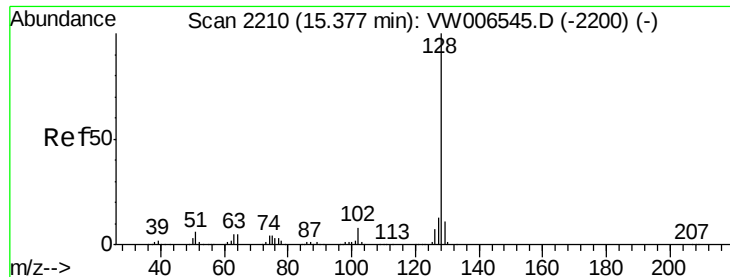
#94
 Hexachlorobutadiene
 Concen: 22.796 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion:225 Resp: 59856
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.4 94.2
 227 64.4 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

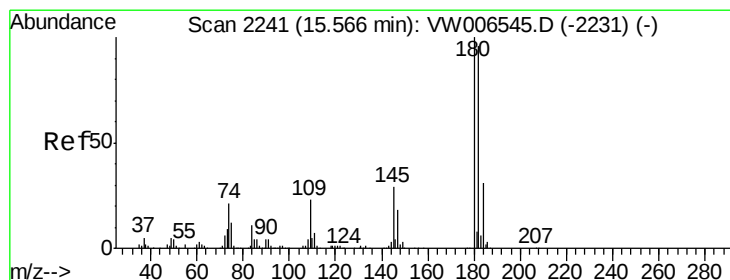
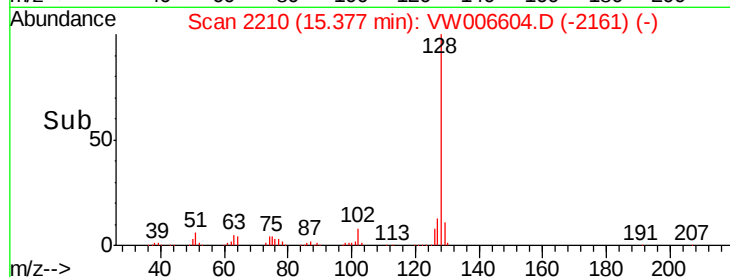
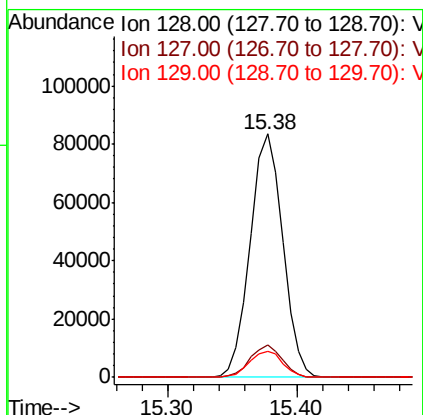
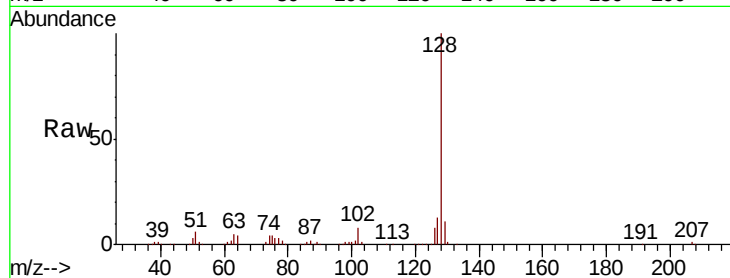




#95
Naphthalene
Concen: 21.581 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tgt Ion:128 Resp: 146132
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.862 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion:180 Resp: 80948
Ion Ratio Lower Upper
180 100
182 95.4 48.2 144.6
145 29.7 14.9 44.5

