

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
 Data File : VW003531.D
 Acq On : 25 Jun 2018 02:17
 Operator : SY/AP
 Sample : VW0624SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Quant Time: Jun 25 05:44:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125001	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.89	113	108695	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.33	98	430108	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.62	95	154518	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16504	24.485	ug/l	83
3) Chloromethane	2.21	50	36819	21.620	ug/l	99
4) Vinyl Chloride	2.36	62	50293	20.258	ug/l	98
5) Bromomethane	2.78	94	31777	19.258	ug/l	90
6) Chloroethane	2.92	64	33445	19.353	ug/l	96
7) Trichlorofluoromethane	3.25	101	28433	19.117	ug/l	98
8) Diethyl Ether	3.67	74	25877	23.684	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43375	21.002	ug/l	98
10) Methyl Iodide	4.26	142	67106	21.485	ug/l	99
11) Tert butyl alcohol	5.25	59	17112	132.125	ug/l	97
12) 1,1-Dichloroethene	4.03	96	42689	21.152	ug/l	99
13) Acrolein	3.89	56	14338	77.432	ug/l	95
14) Allyl chloride	4.66	41	75608	21.627	ug/l	99
15) Acrylonitrile	5.38	53	53146	118.227	ug/l	98
16) Acetone	4.15	43	50790	100.281	ug/l	99
17) Carbon Disulfide	4.37	76	122146	20.471	ug/l	99
18) Methyl Acetate	4.68	43	26905	22.392	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	85718	22.676	ug/l	98
20) Methylene Chloride	4.91	84	51437	21.840	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46508	21.174	ug/l	99
22) Diisopropyl ether	6.32	45	159128	22.616	ug/l	98
23) Vinyl Acetate	6.26	43	449854	110.950	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92879	22.236	ug/l	98
25) 2-Butanone	7.19	43	72608	115.289	ug/l	98
26) 2,2-Dichloropropane	7.17	77	51203	18.368	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52598	21.798	ug/l	97
28) Bromochloromethane	7.51	49	35750	20.568	ug/l	96
29) Tetrahydrofuran	7.54	42	46745	121.445	ug/l	98
30) Chloroform	7.68	83	94445	22.194	ug/l	98
31) Cyclohexane	7.95	56	79315	20.326	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	73806	21.012	ug/l	99
36) 1,1-Dichloropropene	8.09	75	71829	20.738	ug/l	99
37) Ethyl Acetate	7.26	43	32869	22.907	ug/l	100
38) Carbon Tetrachloride	8.07	117	68646	20.205	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79053	19.725	ug/l	97
40) Benzene	8.32	78	206058	21.583	ug/l	98
41) Methacrylonitrile	7.49	41	19919	22.622	ug/l	98
42) 1,2-Dichloroethane	8.40	62	66930	22.376	ug/l	97
43) Isopropyl Acetate	8.43	43	61645	21.636	ug/l	97
44) Trichloroethene	9.09	130	53719	21.234	ug/l	97
45) 1,2-Dichloropropane	9.37	63	53068	21.831	ug/l	99
46) Dibromomethane	9.46	93	26680	21.437	ug/l	99
47) Bromodichloromethane	9.65	83	68684	21.530	ug/l	99
48) Methyl methacrylate	9.44	41	30093	22.475	ug/l	98
49) 1,4-Dioxane	9.49	88	9101	484.319	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	167451	115.340	ug/l	100
52) Toluene	10.39	92	131055	21.406	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66718	20.474	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	75281	20.297	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	37514	21.391	ug/l	98
56) Ethyl methacrylate	10.65	69	46267	21.725	ug/l	97
57) 1,3-Dichloropropane	10.94	76	66652	22.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	105696	110.715	ug/l	99
59) 2-Hexanone	10.98	43	112810	111.229	ug/l	100
60) Dibromochloromethane	11.13	129	44001	21.098	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36450	21.973	ug/l	100
64) Tetrachloroethene	10.87	164	50267	22.600	ug/l	98
65) Chlorobenzene	11.66	112	143237	20.685	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	49333	20.272	ug/l	99
67) Ethyl Benzene	11.74	91	250060	20.372	ug/l	99
68) m/p-Xylenes	11.85	106	194129	41.604	ug/l	99
69) o-Xylene	12.17	106	89145	20.614	ug/l	97
70) Styrene	12.19	104	151423	21.037	ug/l	100
71) Bromoform	12.35	173	26452	20.974	ug/l #	99
73) Isopropylbenzene	12.47	105	250908	20.392	ug/l	99
74) N-amyl acetate	12.28	43	60580	21.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	44936	21.587	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	60186	39.798	ug/l #	100
77) Bromobenzene	12.76	156	59693	20.832	ug/l	98
78) n-propylbenzene	12.81	91	311315	20.663	ug/l	99
79) 2-Chlorotoluene	12.90	91	177546	20.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	215638	20.879	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12653	19.252	ug/l	98
82) 4-Chlorotoluene	12.99	91	187242	20.731	ug/l	100
83) tert-Butylbenzene	13.21	119	179950	20.445	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	222269	20.922	ug/l	100
85) sec-Butylbenzene	13.39	105	267721	20.464	ug/l	99
86) p-Isopropyltoluene	13.51	119	232224	20.125	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	121062	20.566	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	120779	20.638	ug/l	98
89) n-Butylbenzene	13.84	91	224719	19.979	ug/l	99
90) Hexachloroethane	14.10	117	42214	20.224	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	109325	21.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8064	23.020	ug/l	94

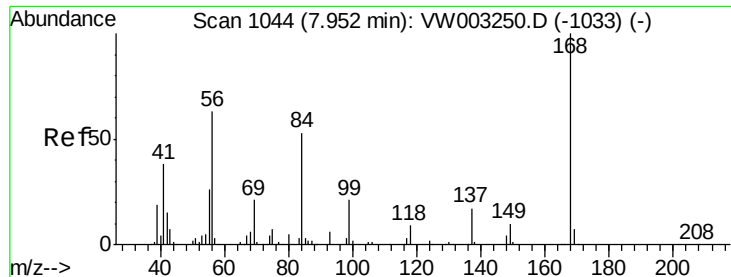
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	75776	20.933	ug/l	98
94) Hexachlorobutadiene	15.25	225	43610	20.028	ug/l	98
95) Naphthalene	15.38	128	133088	21.674	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	67187	21.086	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

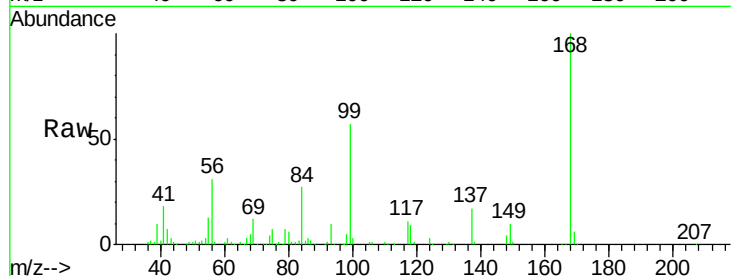
VW0624SBSD02

Tgt Ion:168 Resp: 222951

Ion Ratio Lower Upper

168 100

99 57.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

20000

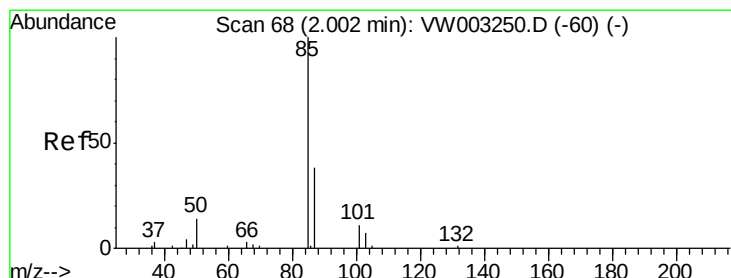
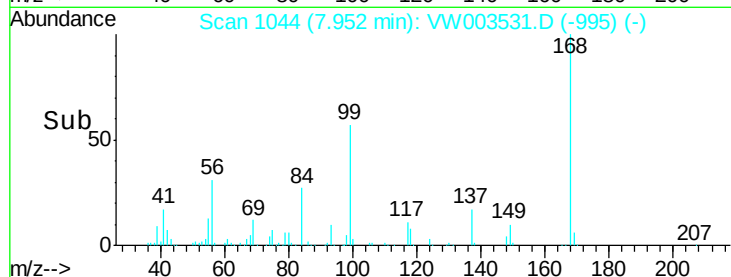
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.485 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003531.D

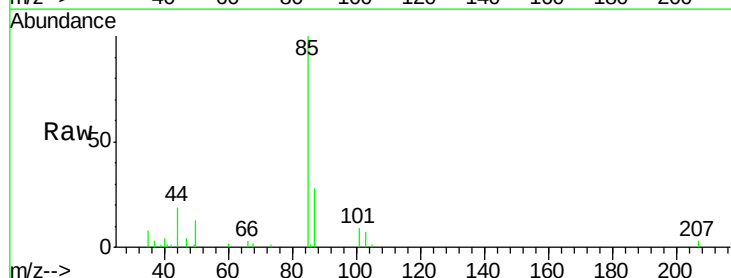
Acq: 25 Jun 2018 02:17

Tgt Ion: 85 Resp: 16504

Ion Ratio Lower Upper

85 100

87 27.8 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

4000

2000

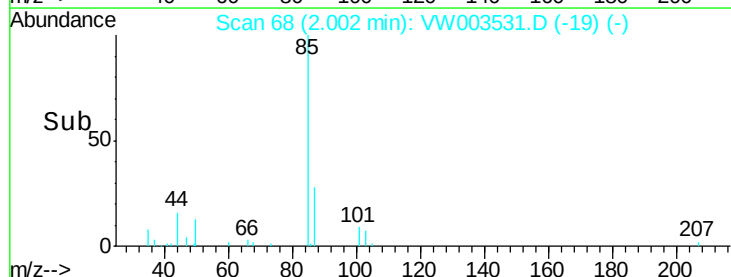
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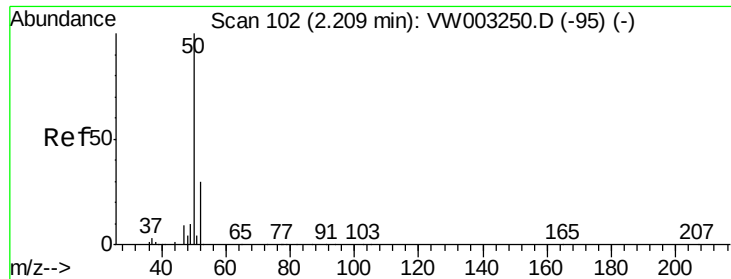
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 21.620 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

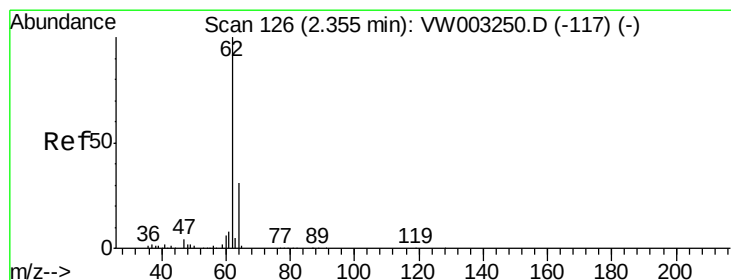
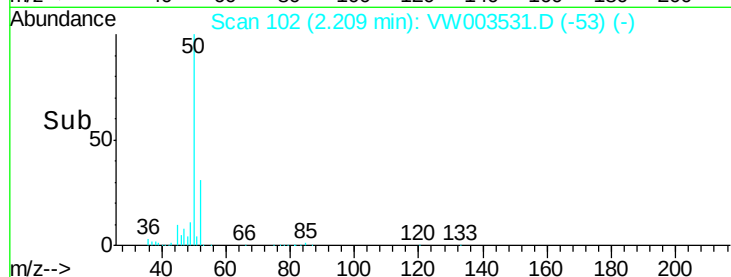
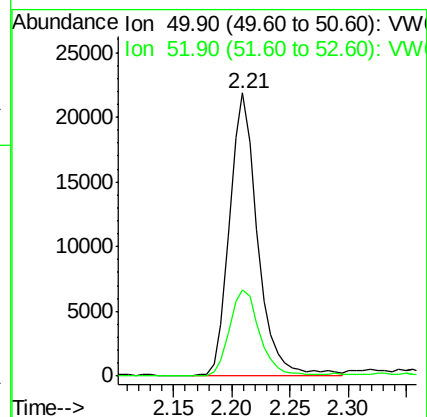
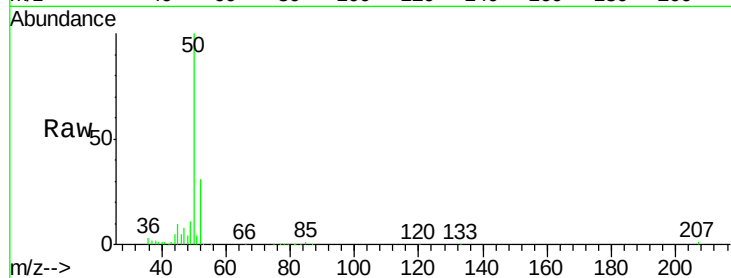
VW0624SBSD02

Tgt Ion: 50 Resp: 36819

Ion Ratio Lower Upper

50 100

52 30.5 24.2 36.2



#4

Vinyl Chloride

Concen: 20.258 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003531.D

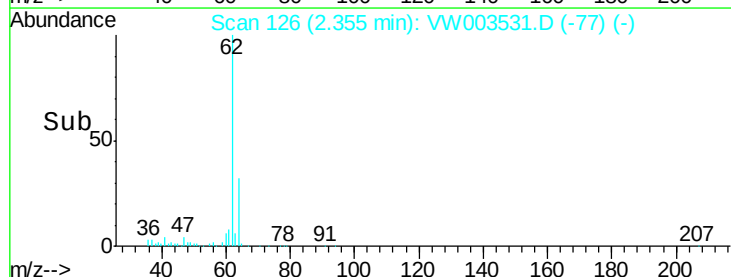
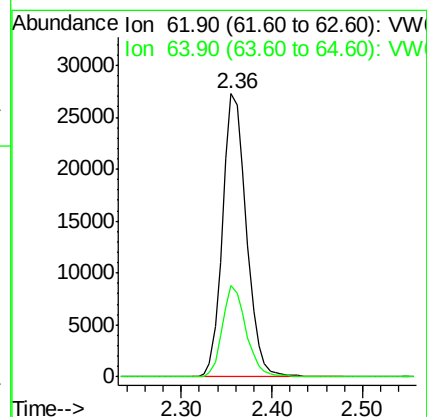
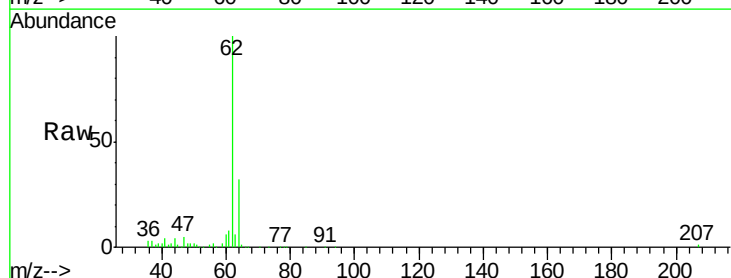
Acq: 25 Jun 2018 02:17

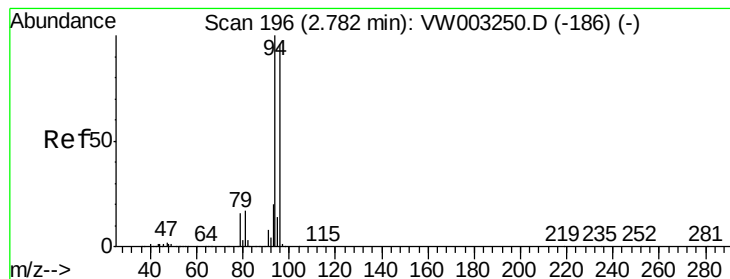
Tgt Ion: 62 Resp: 50293

Ion Ratio Lower Upper

62 100

64 32.4 24.9 37.3





#5

Bromomethane

Concen: 19.258 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

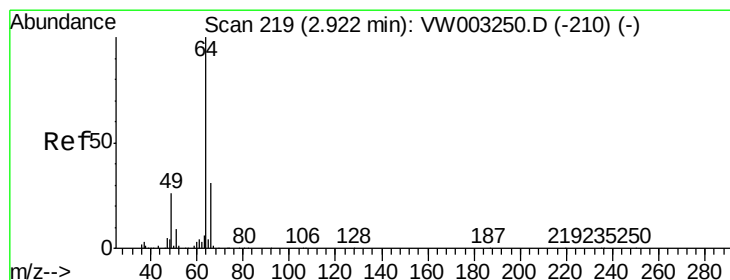
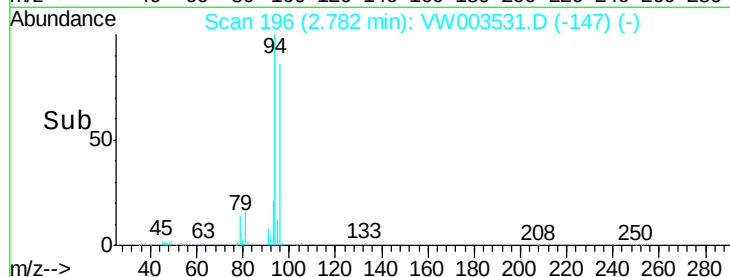
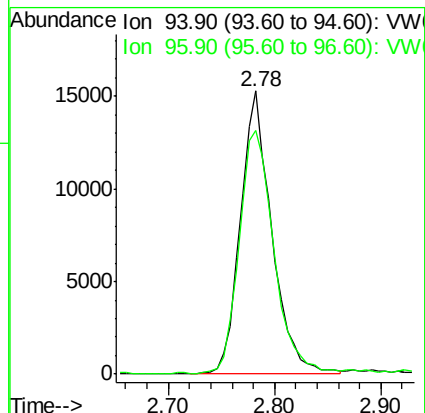
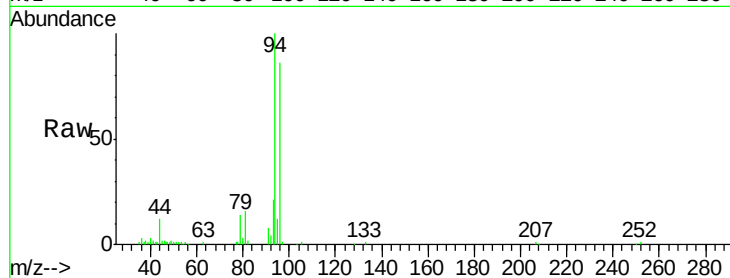
VW0624SBSD02

Tgt Ion: 94 Resp: 31777

Ion Ratio Lower Upper

94 100

96 85.7 76.5 114.7



#6

Chloroethane

Concen: 19.353 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003531.D

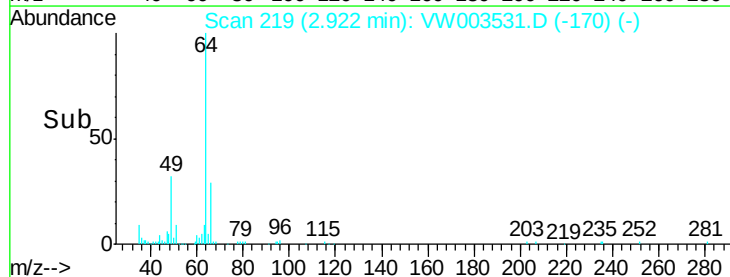
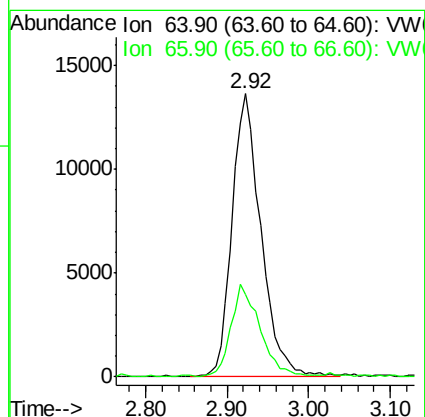
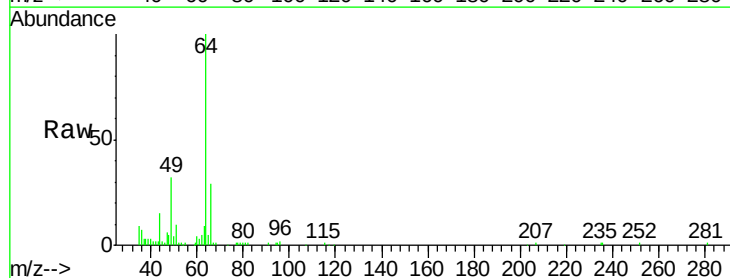
Acq: 25 Jun 2018 02:17

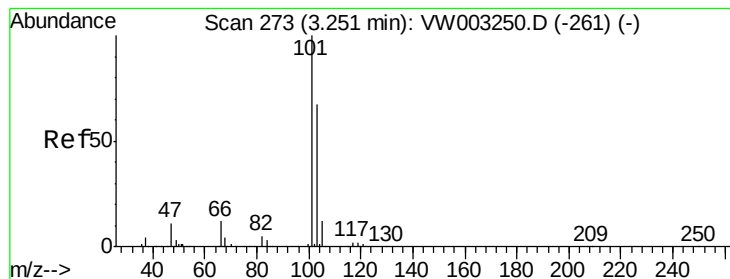
Tgt Ion: 64 Resp: 33445

Ion Ratio Lower Upper

64 100

66 28.6 24.4 36.6



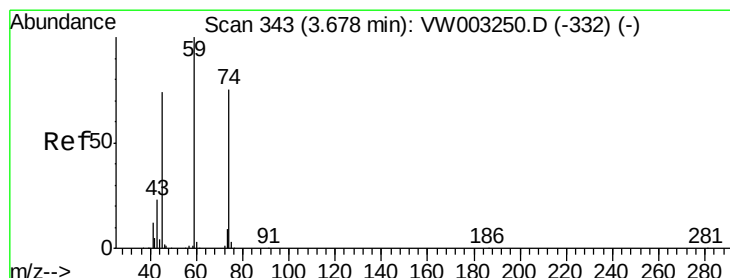
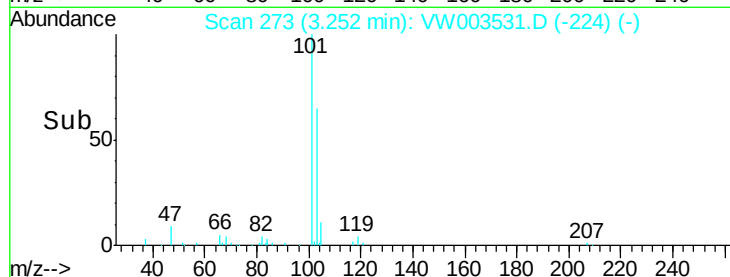
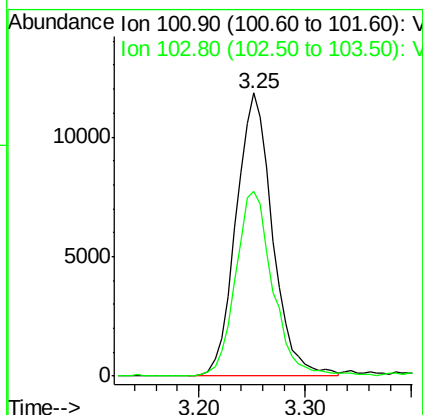
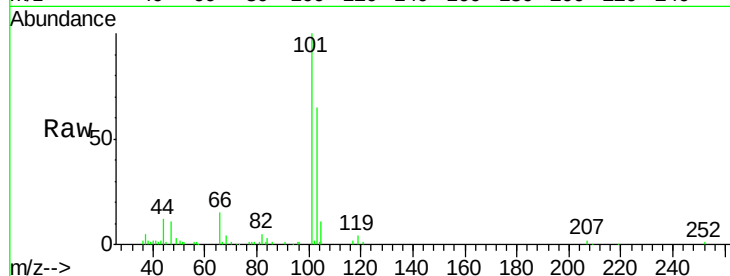


#7

Trichlorofluoromethane
Concen: 19.117 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

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MSVOA_W
ClientSampleId :
VW0624SBSD02

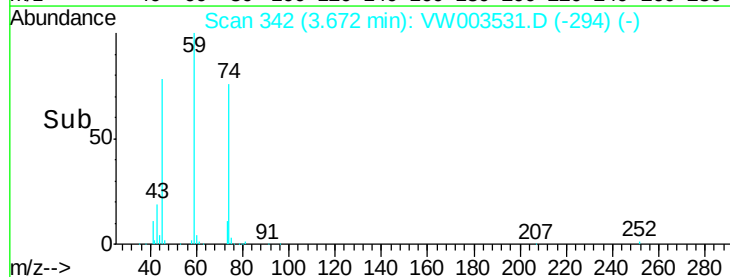
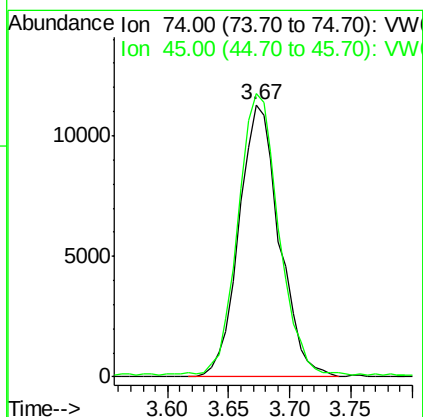
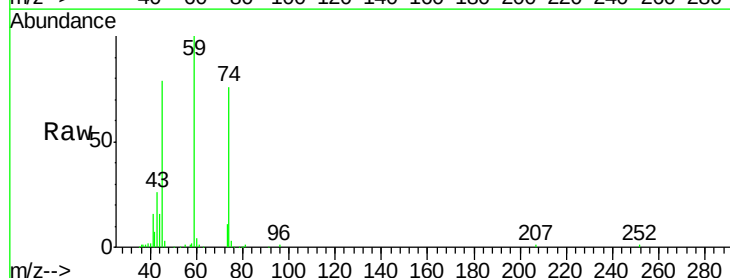
Tgt Ion:101 Resp: 28433
Ion Ratio Lower Upper
101 100
103 65.3 53.4 80.0

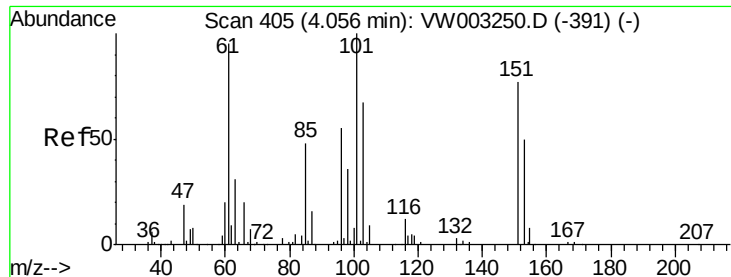


#8

Diethyl Ether
Concen: 23.684 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 74 Resp: 25877
Ion Ratio Lower Upper
74 100
45 104.5 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.002 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

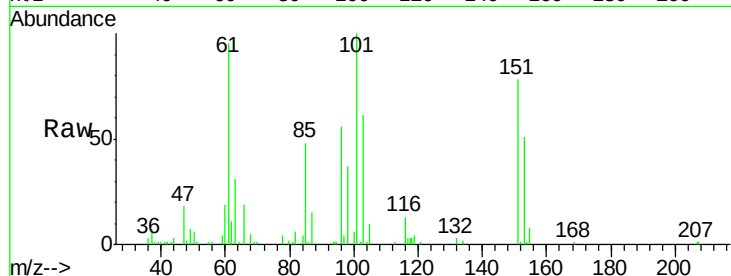
Tgt Ion:101 Resp: 43375

Ion Ratio Lower Upper

101 100

85 44.2 37.0 55.6

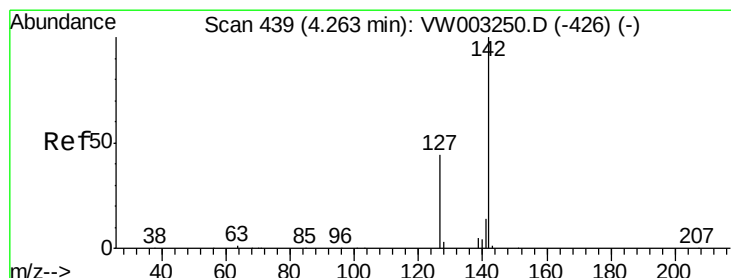
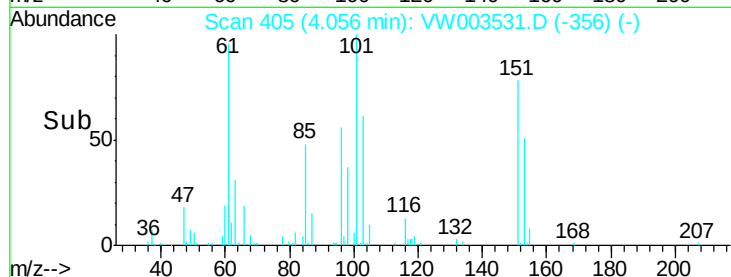
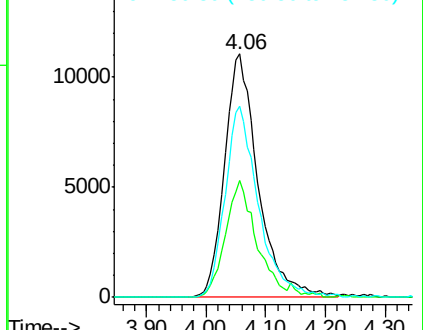
151 77.6 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.485 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

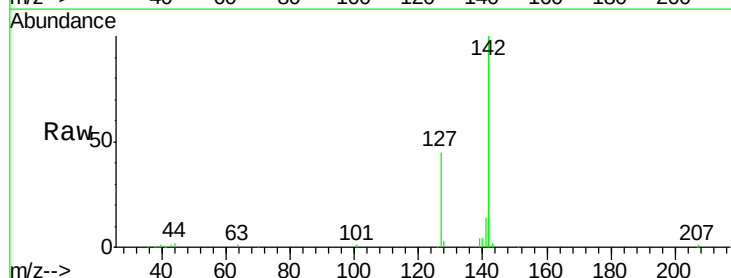
Tgt Ion:142 Resp: 67106

Ion Ratio Lower Upper

142 100

127 45.1 36.5 54.7

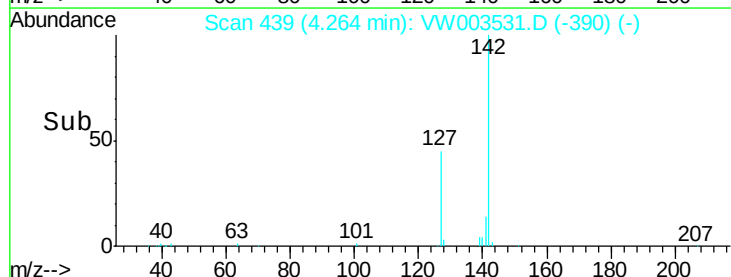
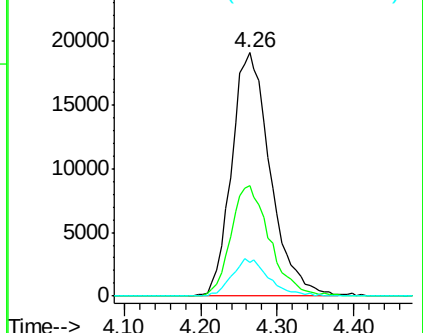
141 14.7 12.1 18.1

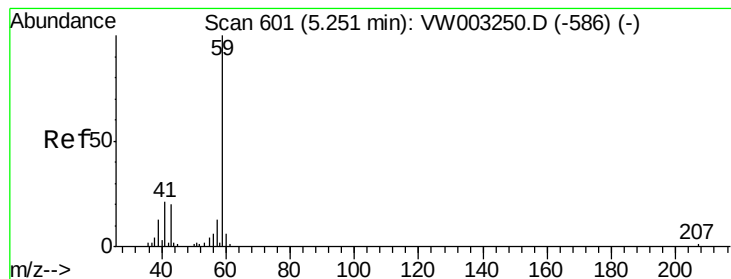


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



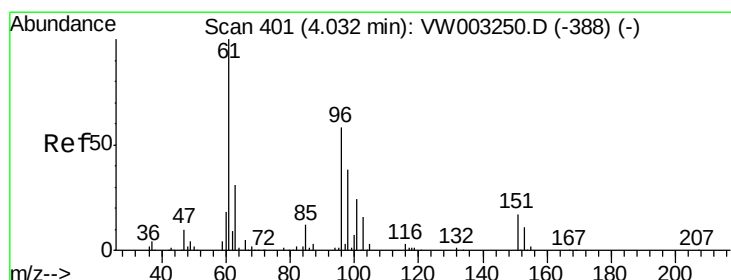
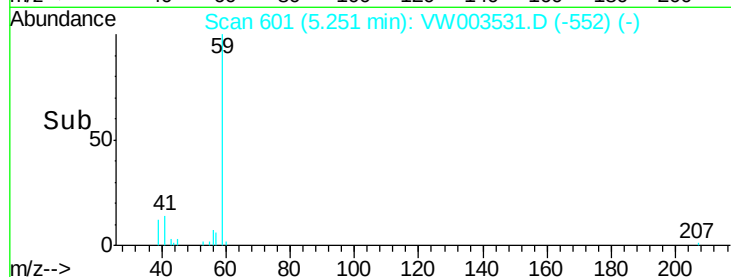
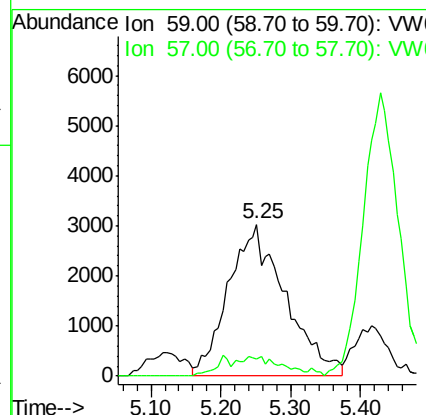
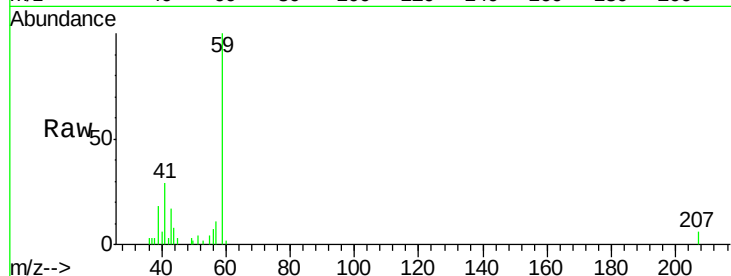


#11

Tert butyl alcohol
 Concen: 132.125 ug/l
 RT: 5.25 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

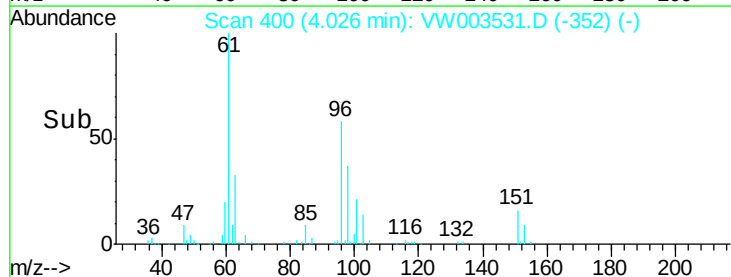
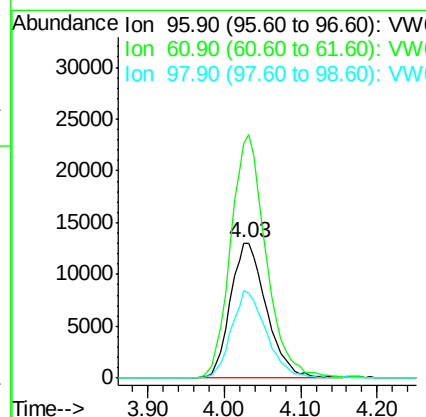
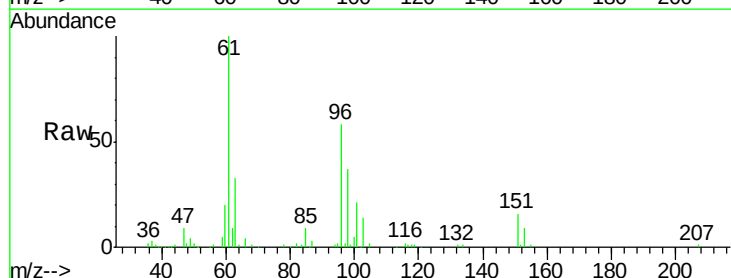
Tgt Ion: 59 Resp: 17112
 Ion Ratio Lower Upper
 59 100
 57 6.2 4.2 6.2

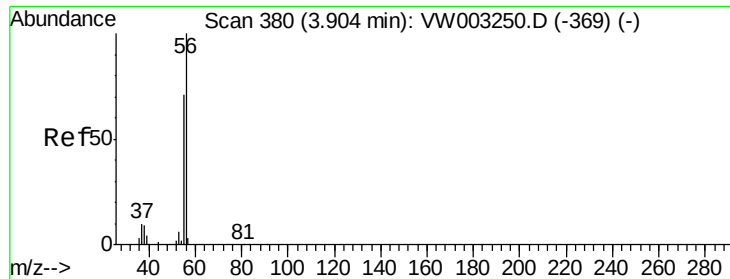


#12

1,1-Dichloroethene
 Concen: 21.152 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion: 96 Resp: 42689
 Ion Ratio Lower Upper
 96 100
 61 173.2 139.0 208.4
 98 64.5 53.3 79.9





#13

Acrolein

Concen: 77.432 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

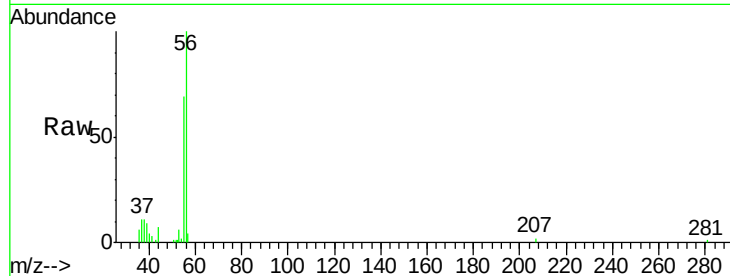
VW0624SBSD02

Tgt Ion: 56 Resp: 14338

Ion Ratio Lower Upper

56 100

55 73.7 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

6000

5000

4000

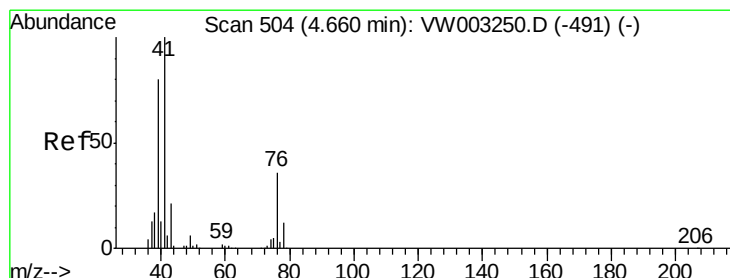
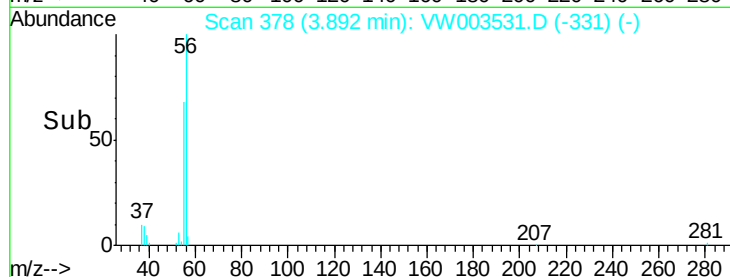
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 21.627 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

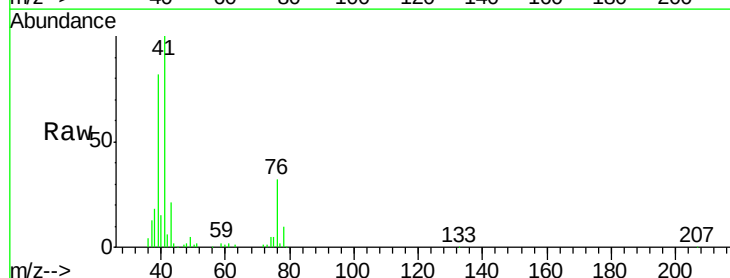
Tgt Ion: 41 Resp: 75608

Ion Ratio Lower Upper

41 100

39 78.1 63.2 94.8

76 33.7 28.0 42.0



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.66

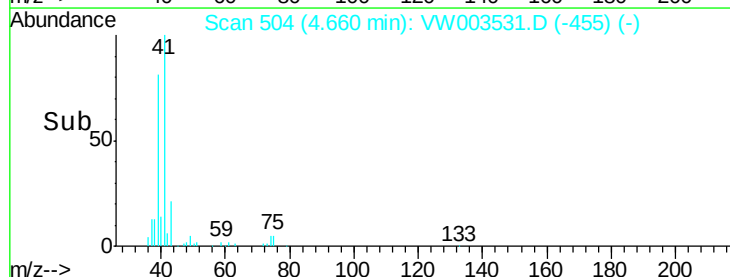
30000

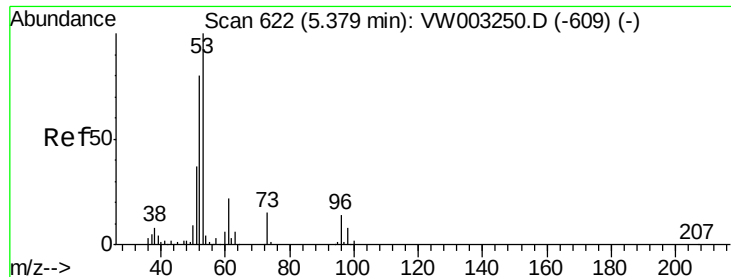
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 118.227 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

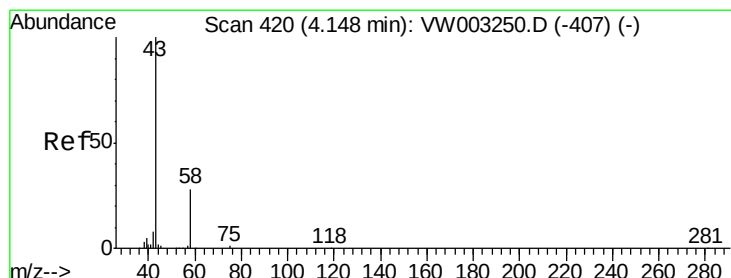
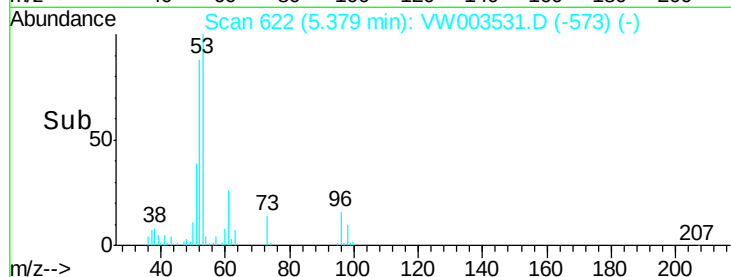
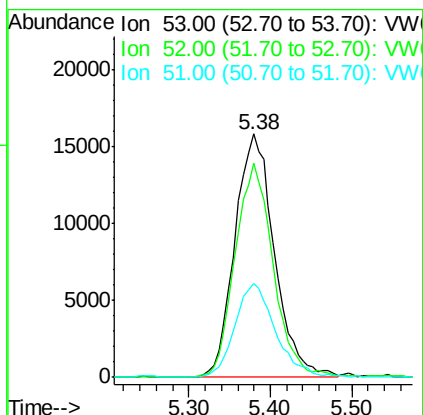
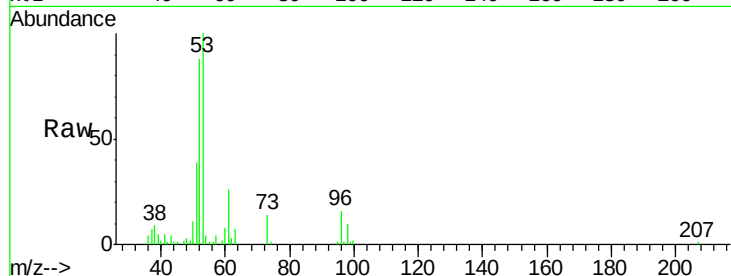
Tgt Ion: 53 Resp: 53146

Ion Ratio Lower Upper

53 100

52 85.2 66.6 100.0

51 39.2 30.6 46.0



#16

Acetone

Concen: 100.281 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003531.D

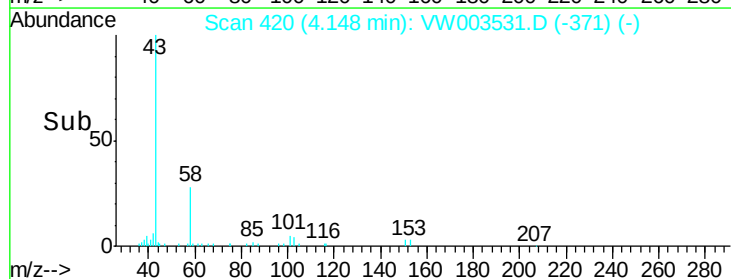
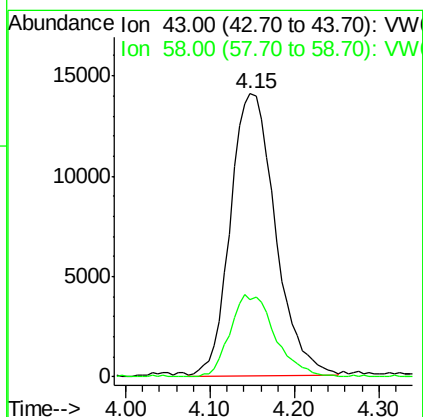
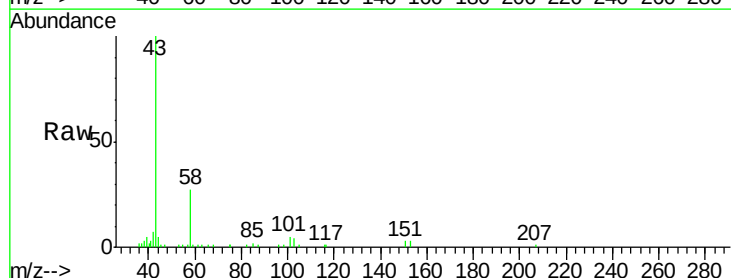
Acq: 25 Jun 2018 02:17

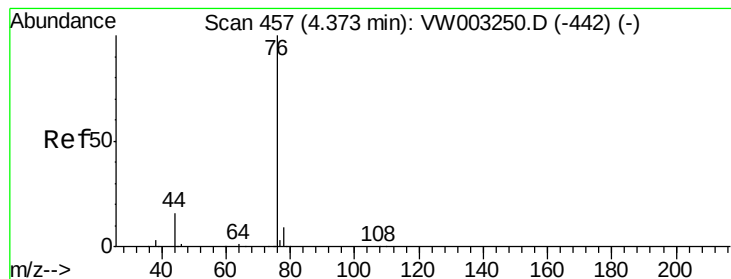
Tgt Ion: 43 Resp: 50790

Ion Ratio Lower Upper

43 100

58 27.7 22.6 34.0





#17

Carbon Disulfide

Concen: 20.471 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

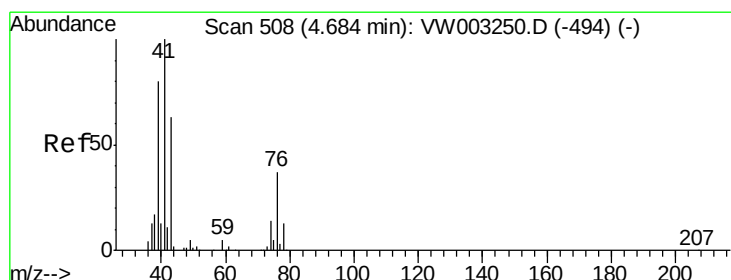
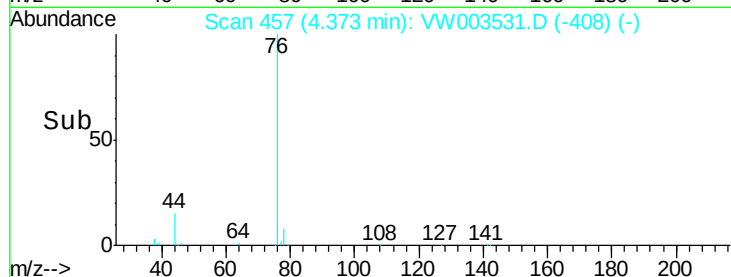
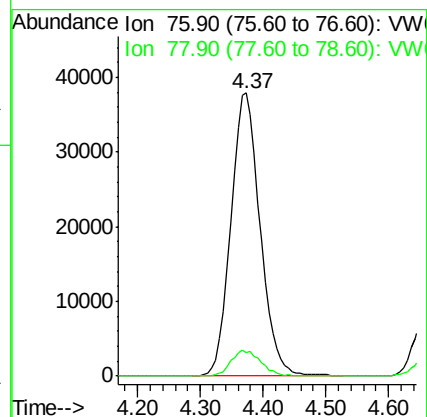
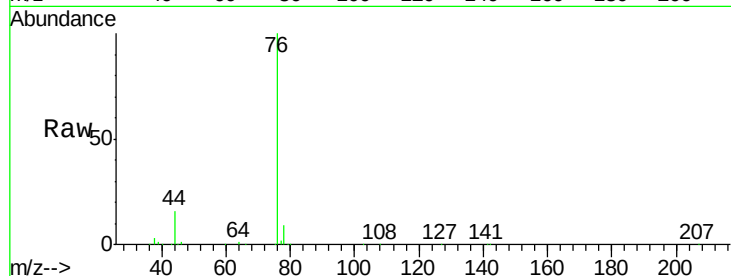
VW0624SBSD02

Tgt Ion: 76 Resp: 122146

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



#18

Methyl Acetate

Concen: 22.392 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003531.D

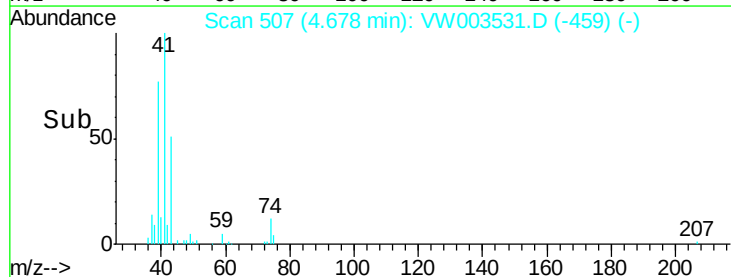
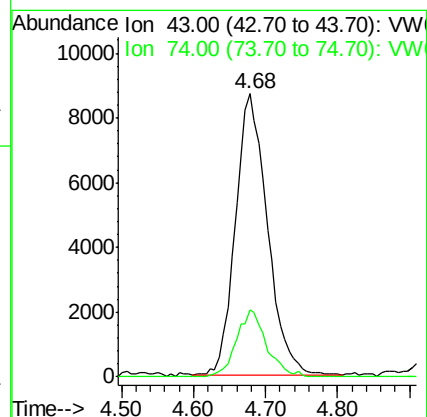
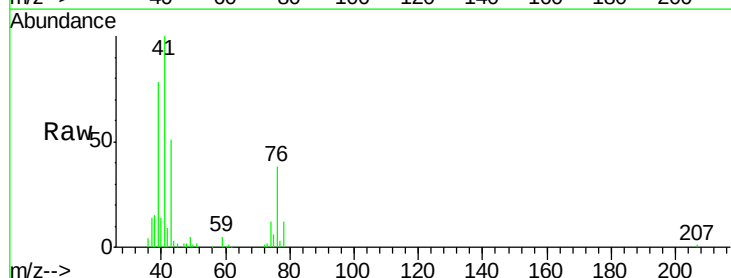
Acq: 25 Jun 2018 02:17

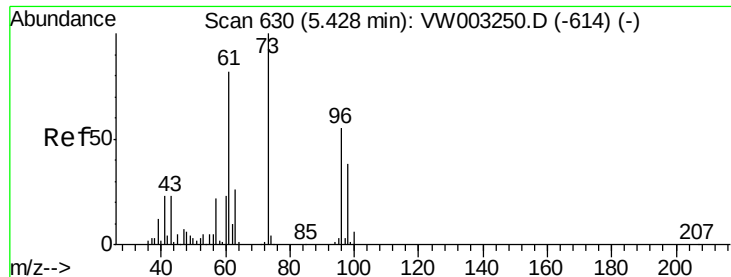
Tgt Ion: 43 Resp: 26905

Ion Ratio Lower Upper

43 100

74 22.3 18.7 28.1

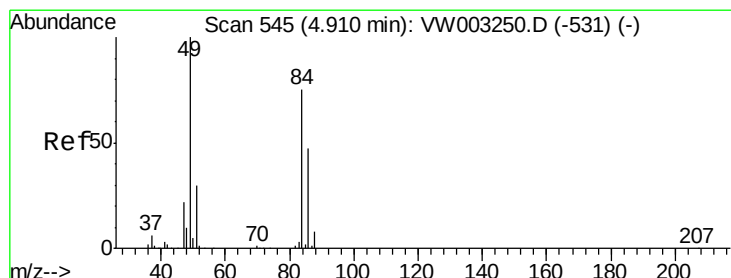
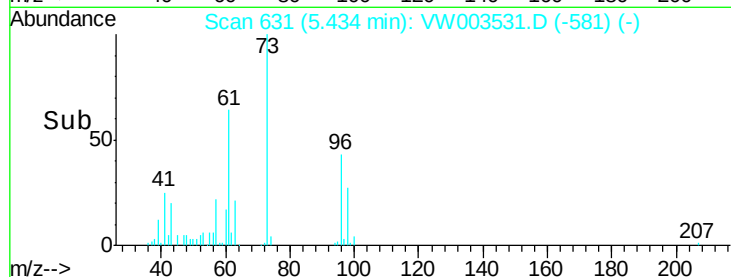
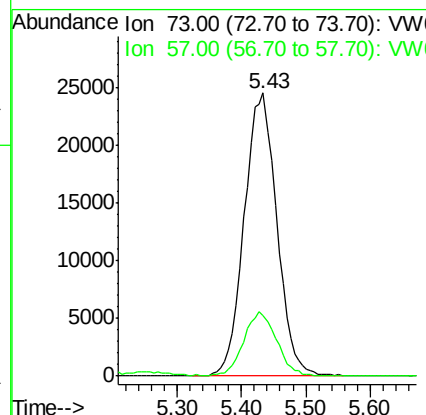
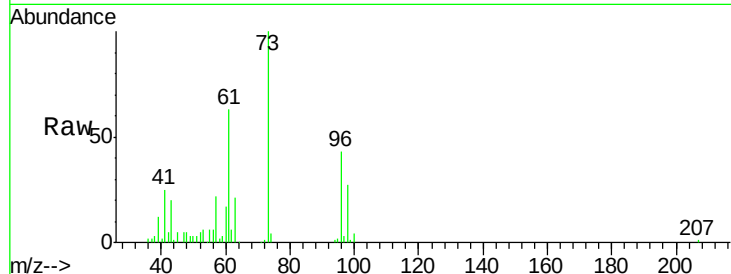




#19
Methyl tert-butyl Ether
Concen: 22.676 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

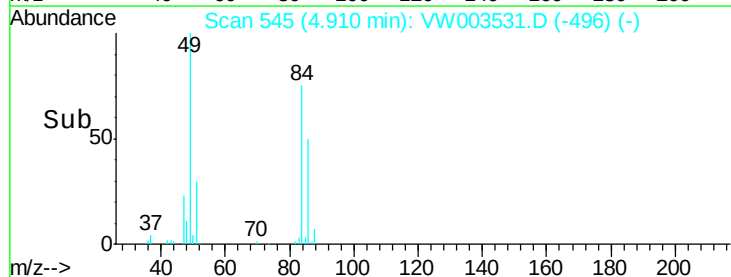
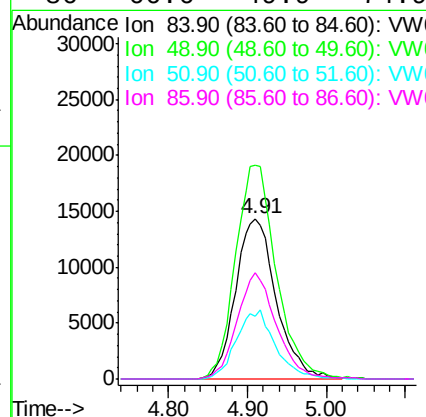
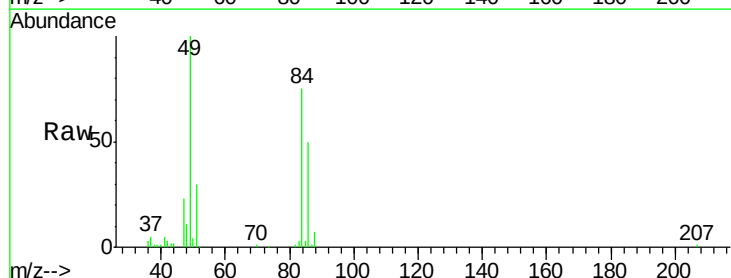
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

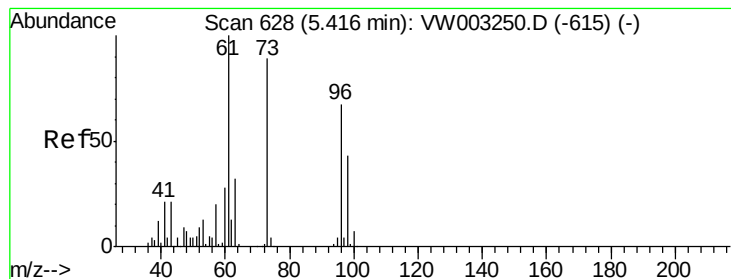
Tgt Ion: 73 Resp: 85718
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 21.840 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 84 Resp: 51437
Ion Ratio Lower Upper
84 100
49 133.5 106.3 159.5
51 39.5 32.0 48.0
86 66.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.174 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

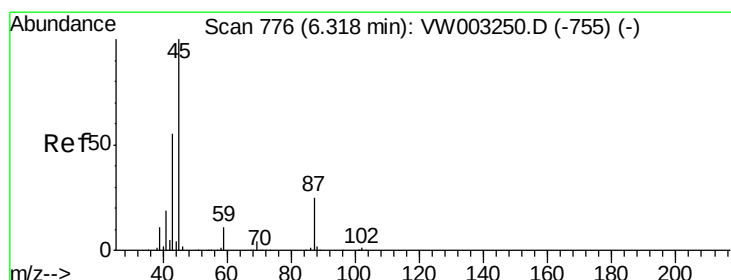
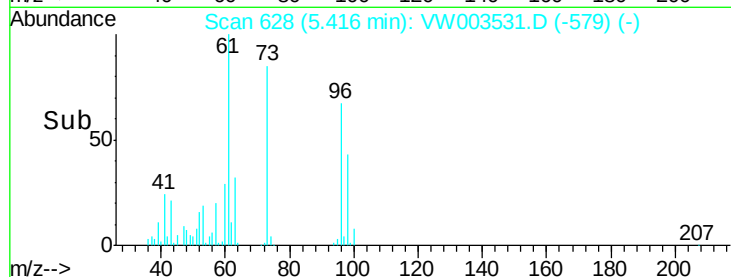
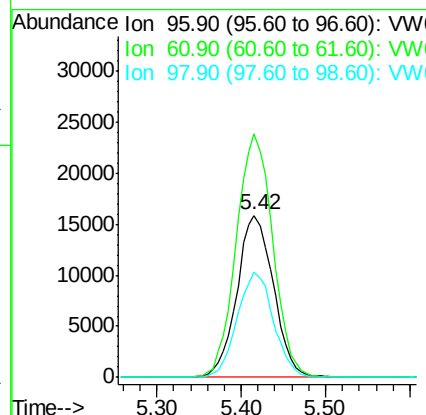
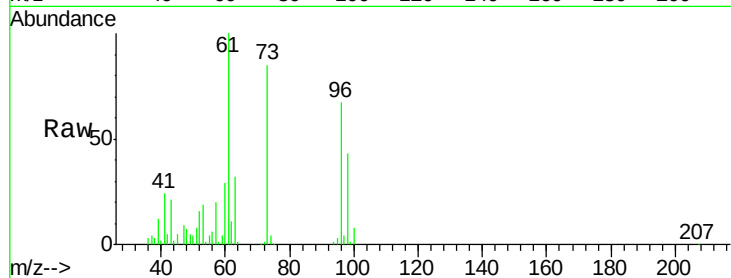
Tgt Ion: 96 Resp: 46508

Ion Ratio Lower Upper

96 100

61 150.0 118.7 178.1

98 64.7 51.0 76.6



#22

Diisopropyl ether

Concen: 22.616 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion: 45 Resp: 159128

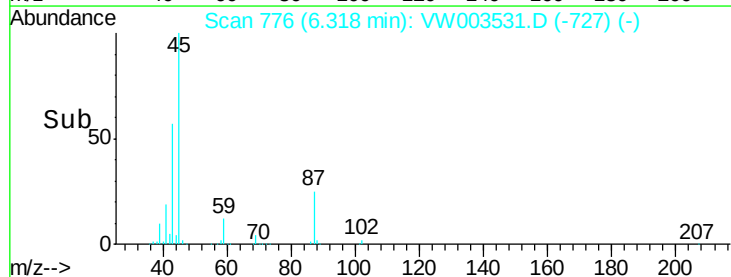
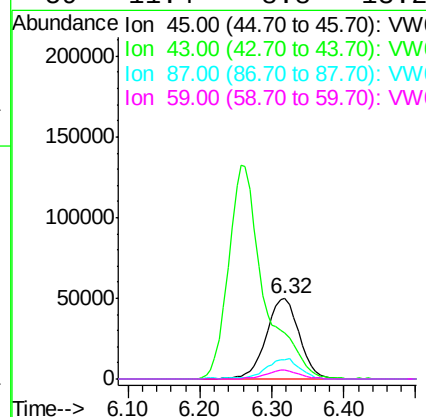
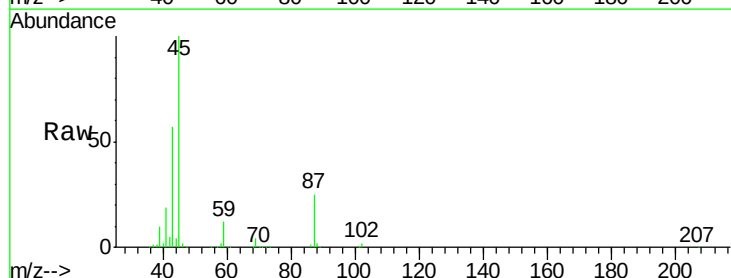
Ion Ratio Lower Upper

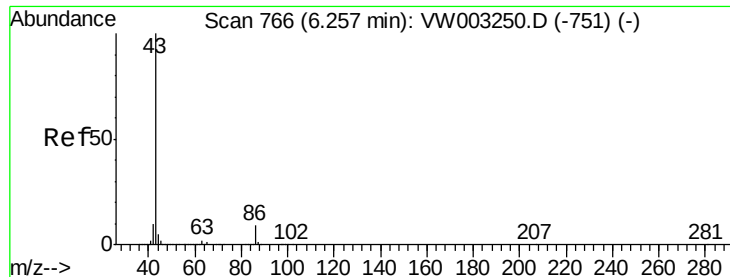
45 100

43 56.8 44.0 66.0

87 24.5 20.6 31.0

59 11.4 8.8 13.2





#23

Vinyl Acetate

Concen: 110.950 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

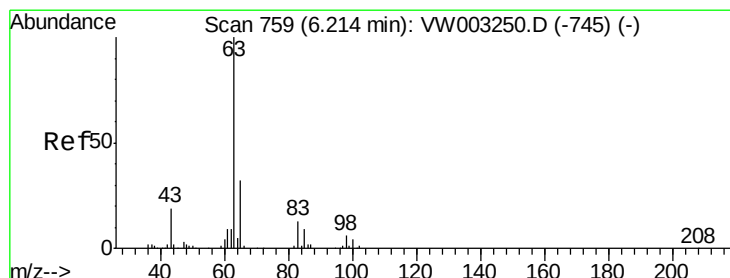
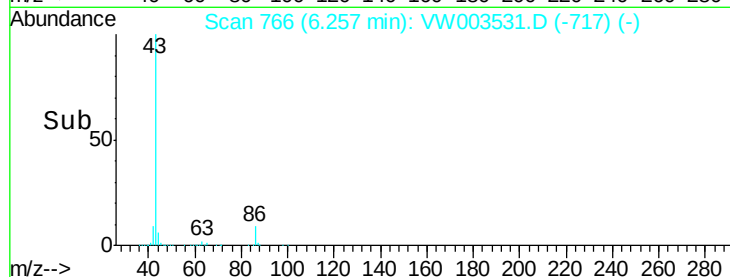
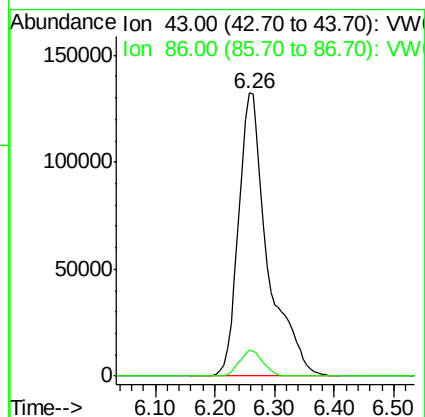
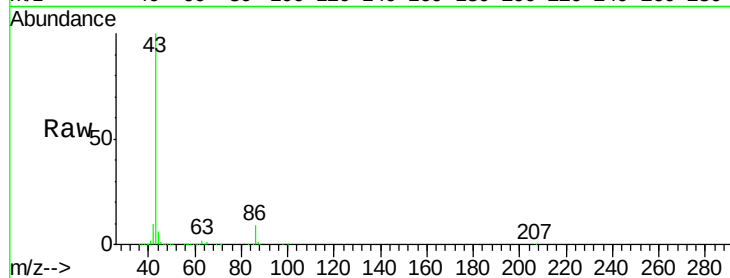
VW0624SBSD02

Tgt Ion: 43 Resp: 449854

Ion Ratio Lower Upper

43 100

86 9.3 7.5 11.3



#24

1,1-Dichloroethane

Concen: 22.236 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

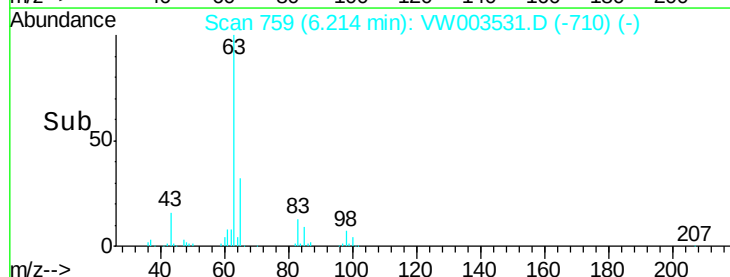
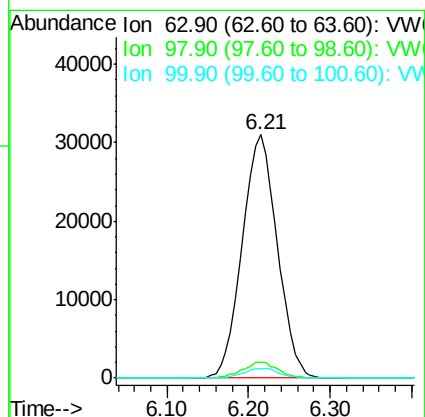
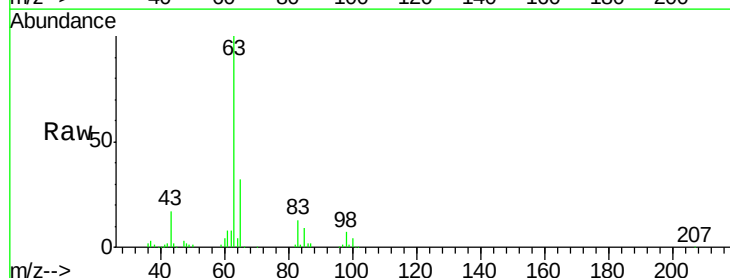
Tgt Ion: 63 Resp: 92879

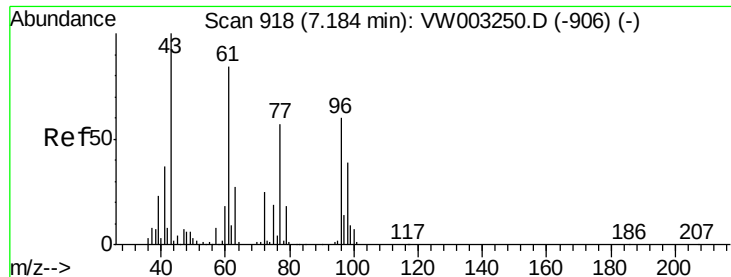
Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.3

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 115.289 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

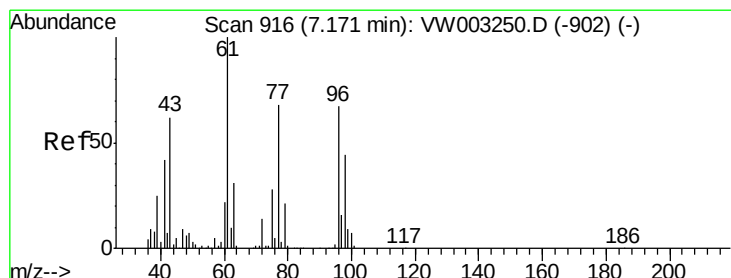
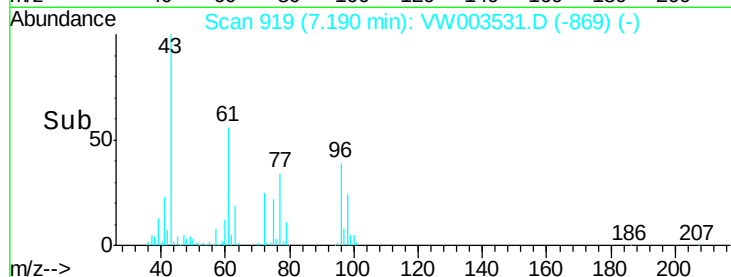
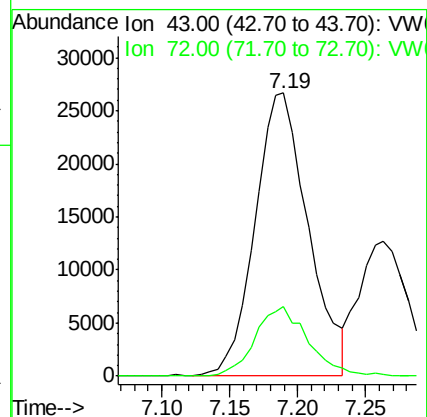
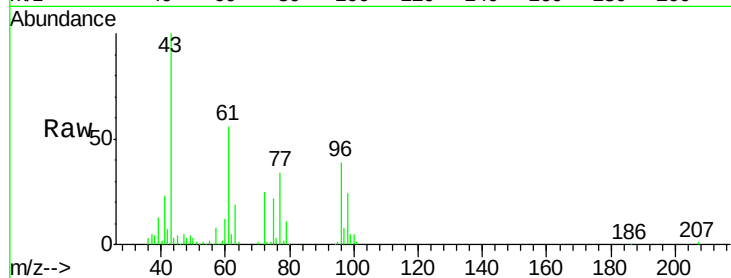
VW0624SBSD02

Tgt Ion: 43 Resp: 72608

Ion Ratio Lower Upper

43 100

72 24.6 20.3 30.5



#26

2,2-Dichloropropane

Concen: 18.368 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003531.D

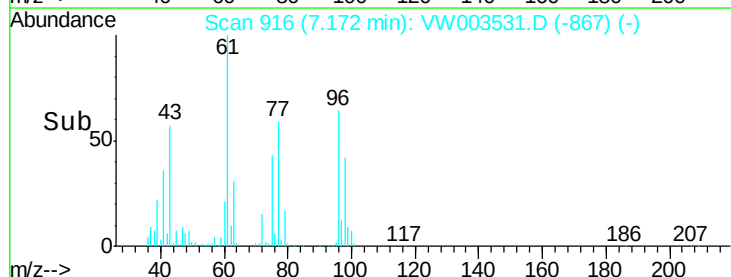
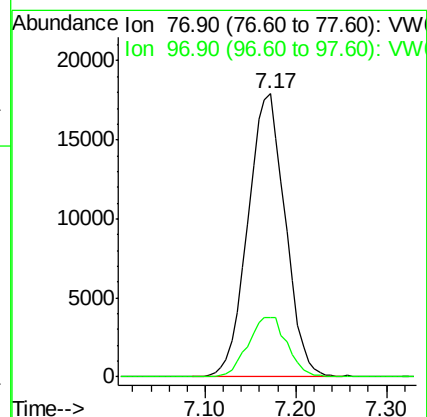
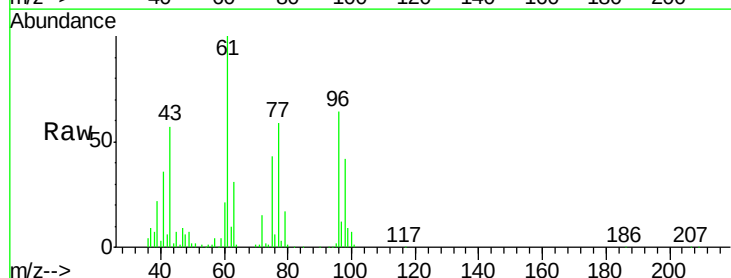
Acq: 25 Jun 2018 02:17

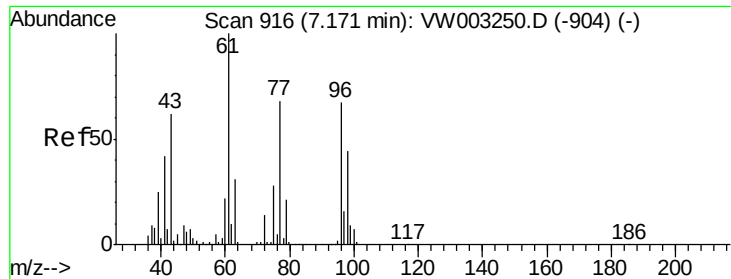
Tgt Ion: 77 Resp: 51203

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.9



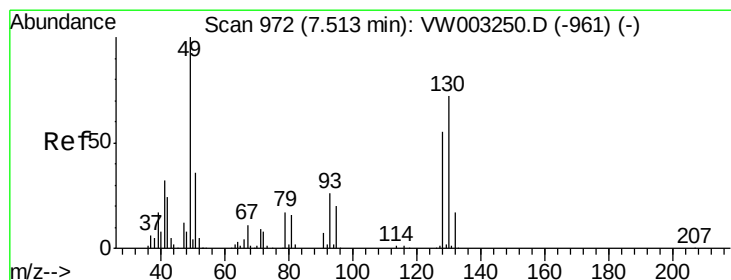
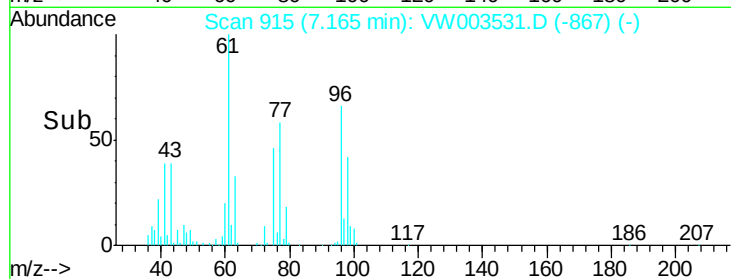
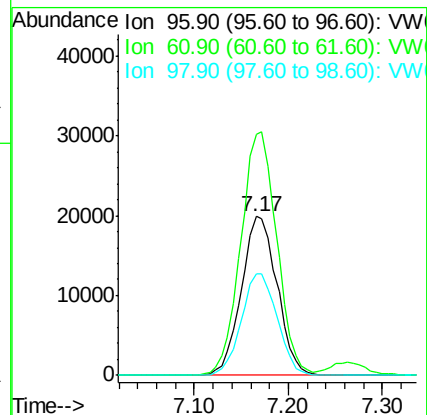
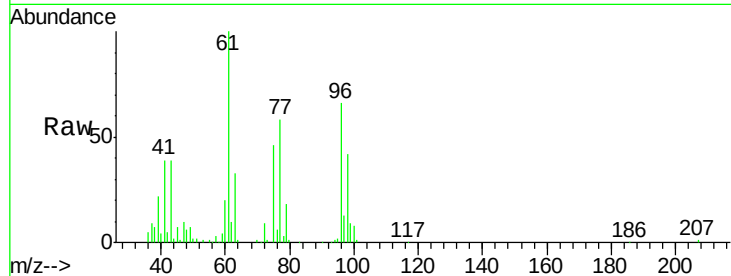


#27

cis-1,2-Dichloroethene
Concen: 21.798 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

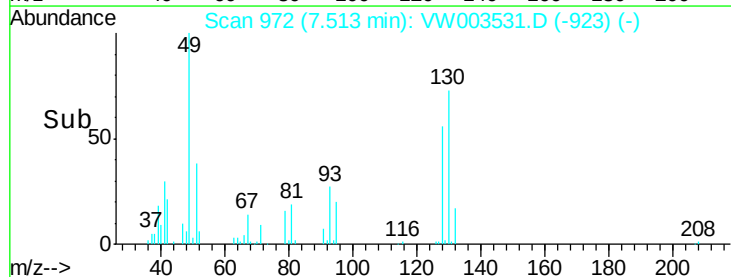
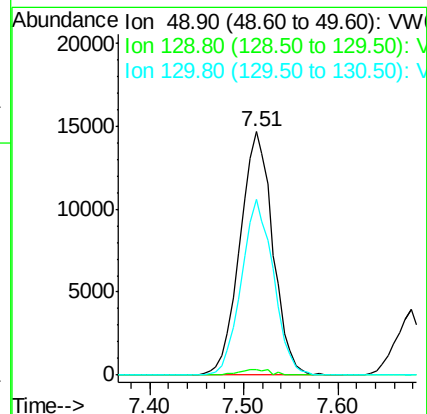
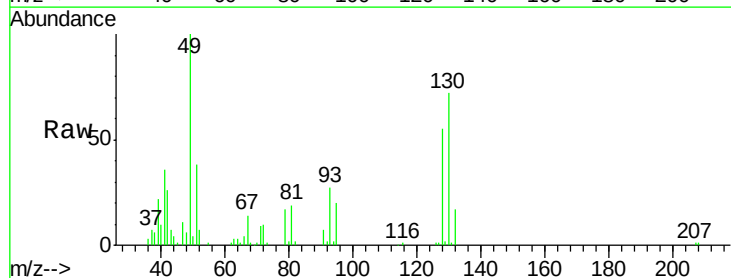
Tgt Ion: 96 Resp: 52598
Ion Ratio Lower Upper
96 100
61 153.9 0.0 298.8
98 63.9 0.0 130.4

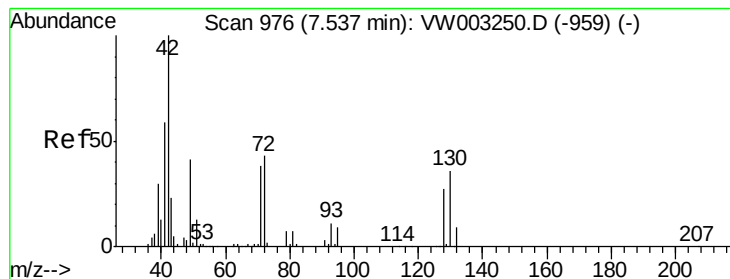


#28

Bromochloromethane
Concen: 20.568 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 49 Resp: 35750
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 70.8 59.4 89.2





#29

Tetrahydrofuran

Concen: 121.445 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

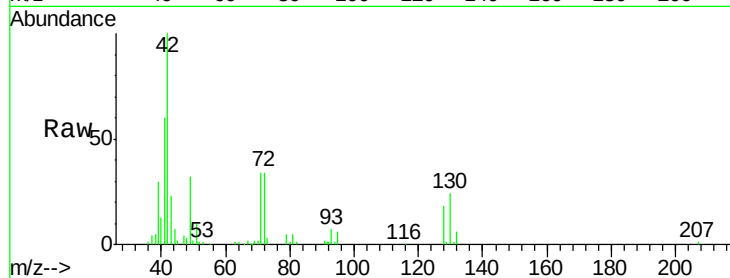
Tgt Ion: 42 Resp: 46745

Ion Ratio Lower Upper

42 100

72 39.0 32.4 48.6

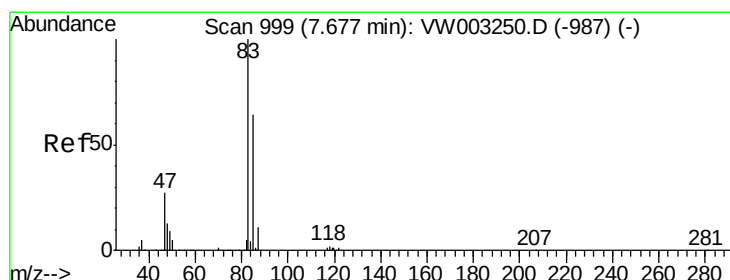
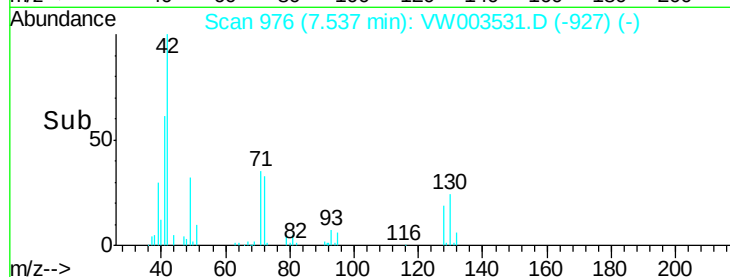
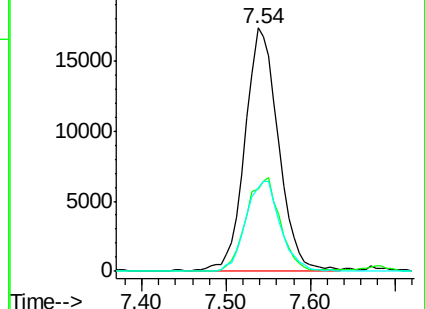
71 38.1 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 22.194 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003531.D

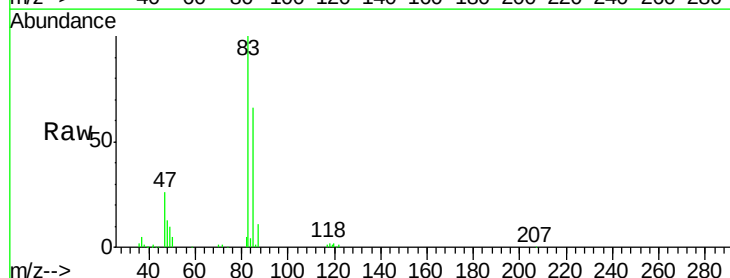
Acq: 25 Jun 2018 02:17

Tgt Ion: 83 Resp: 94445

Ion Ratio Lower Upper

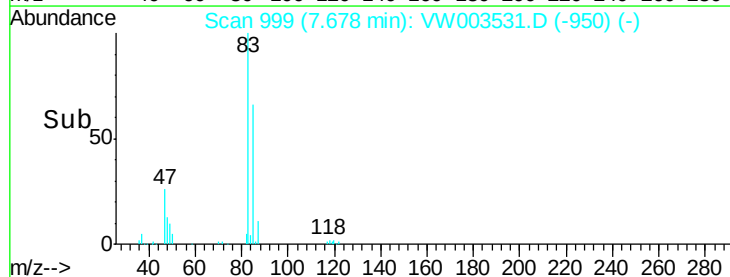
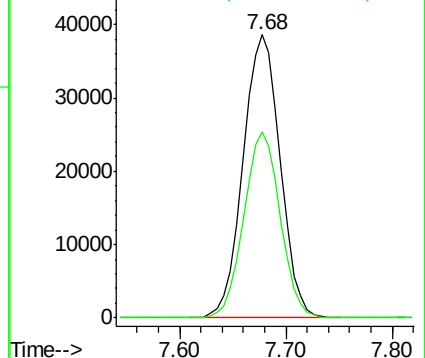
83 100

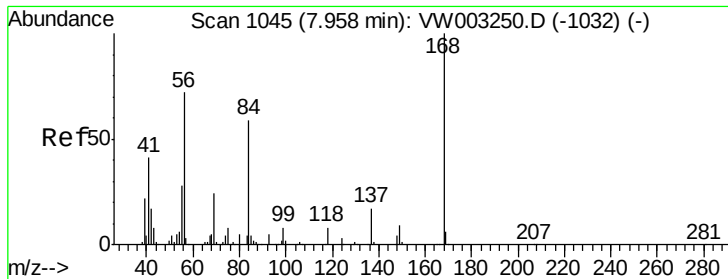
85 65.9 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 20.326 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

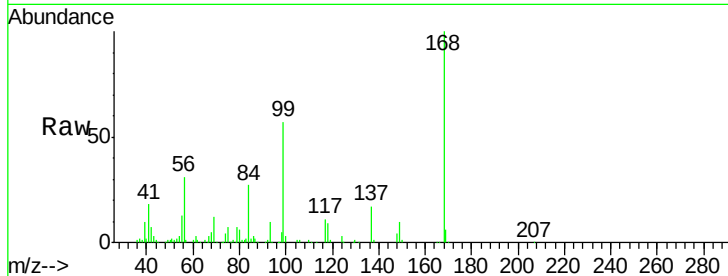
Tgt Ion: 56 Resp: 79315

Ion Ratio Lower Upper

56 100

69 36.7 26.3 39.5

84 86.7 65.7 98.5

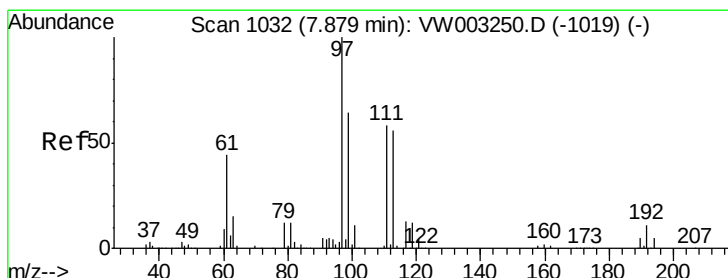
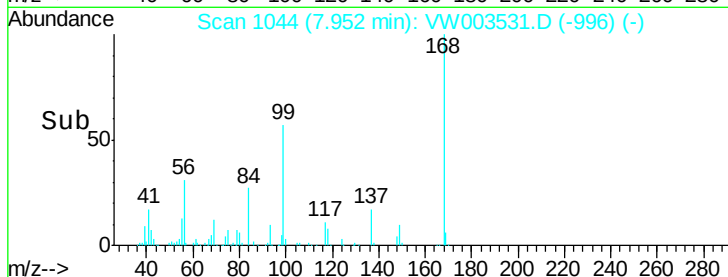
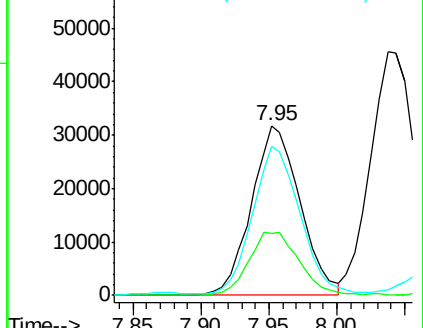


Abundance

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: 21.012 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

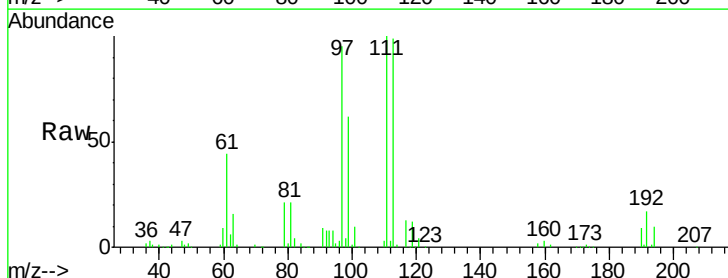
Tgt Ion: 97 Resp: 73806

Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 47.6 37.6 56.4

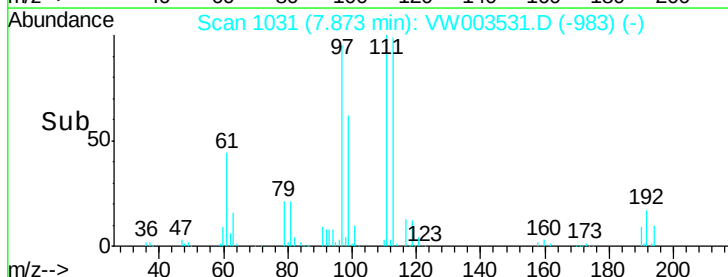
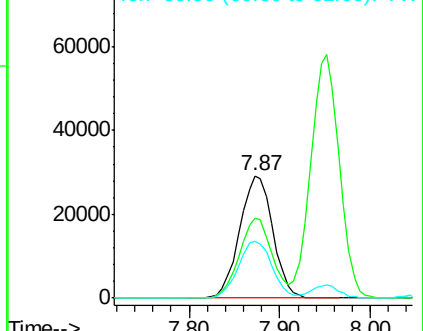


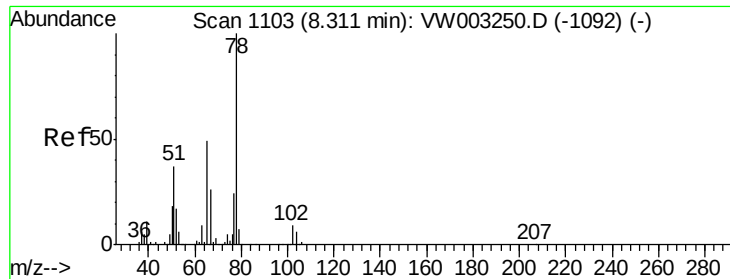
Abundance

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

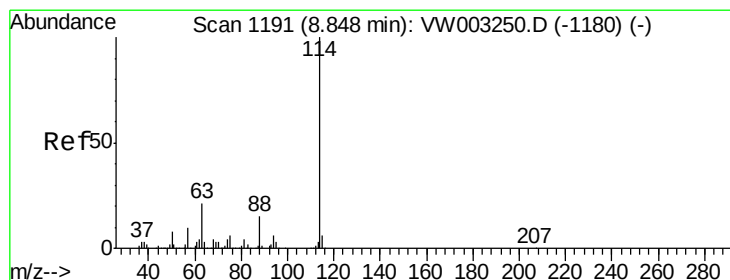
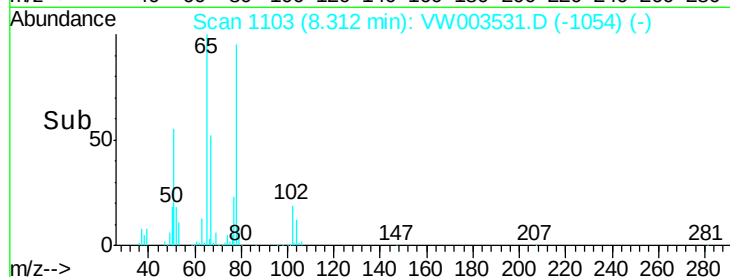
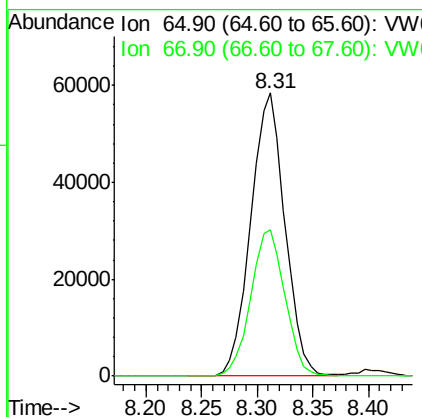
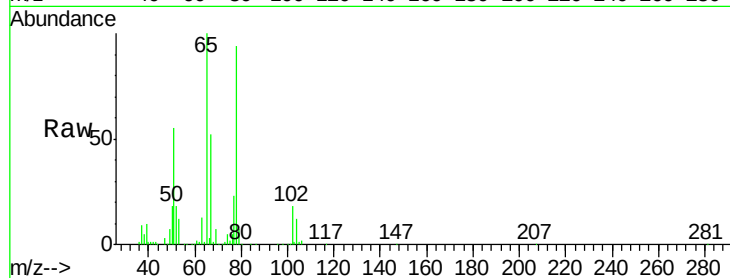




#33
 1,2-Dichloroethane-d4
 Concen: 51.762 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

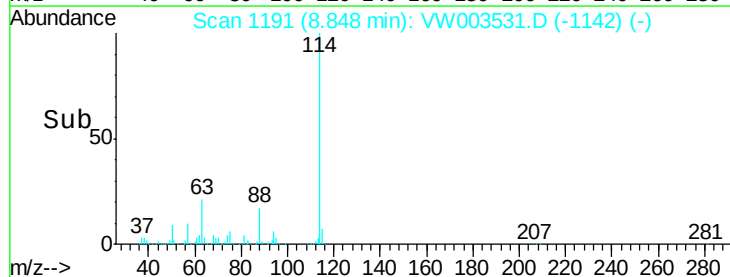
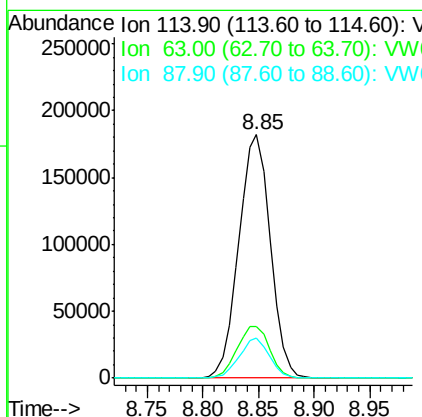
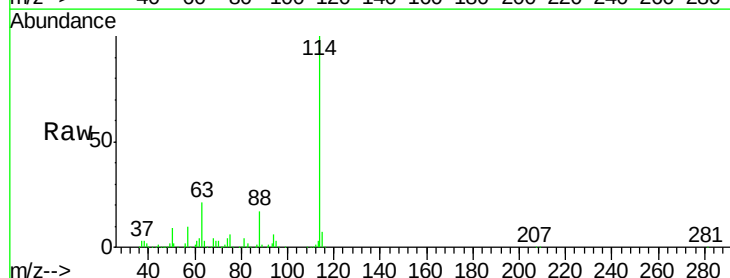
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

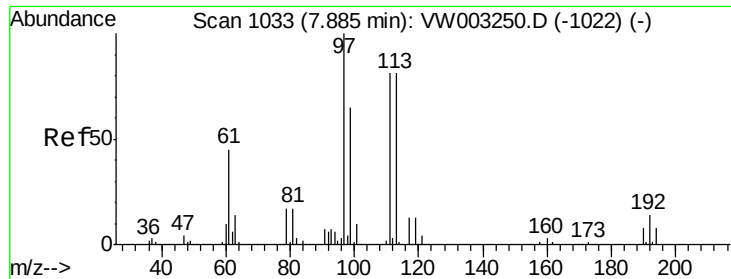
Tgt Ion: 65 Resp: 125001
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion: 114 Resp: 358650
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 16.5 0.0 29.6

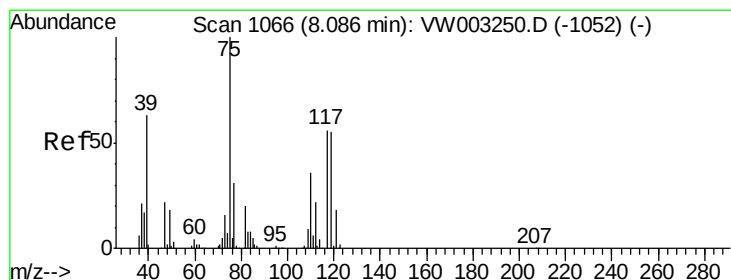
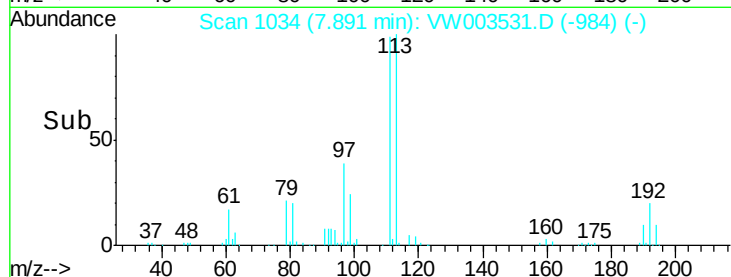
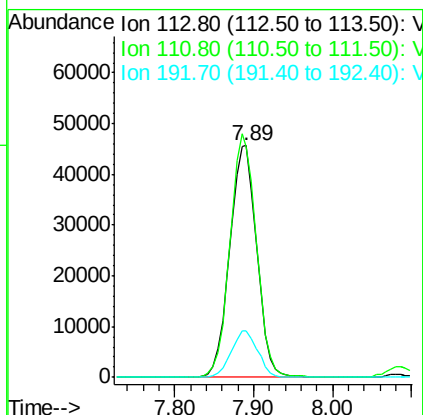
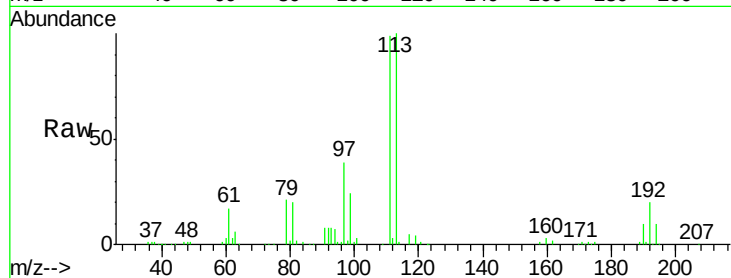




#35
 Dibromofluoromethane
 Concen: 48.774 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

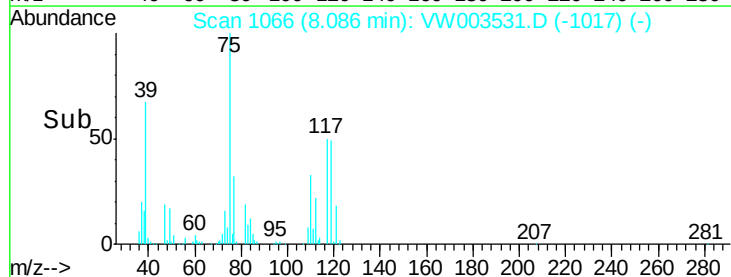
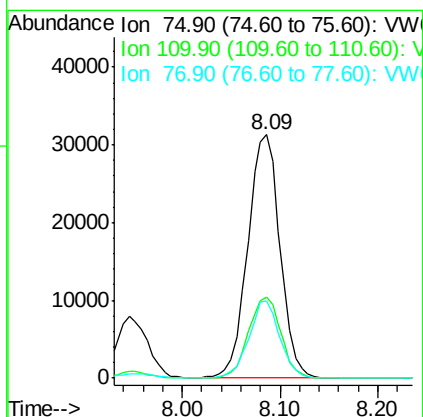
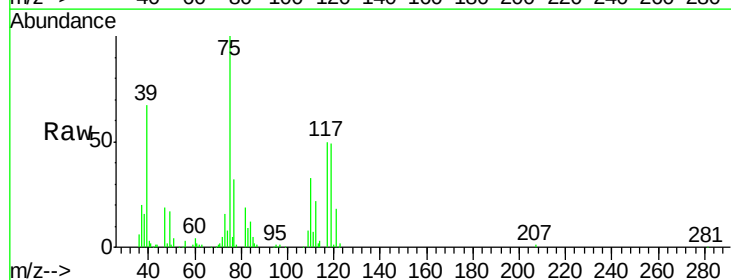
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

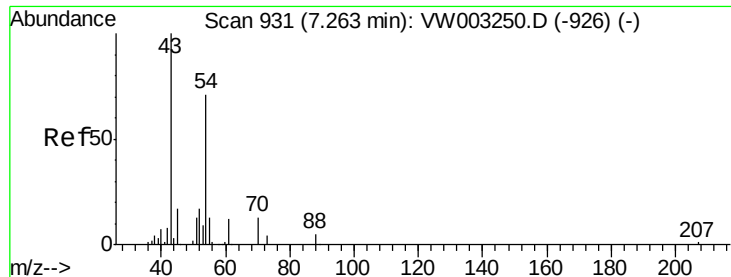
Tgt Ion: 113 Resp: 108695
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 20.738 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion: 75 Resp: 71829
 Ion Ratio Lower Upper
 75 100
 110 33.5 17.1 51.3
 77 30.6 24.9 37.3

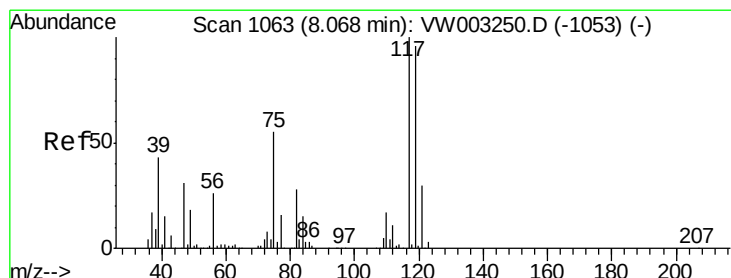
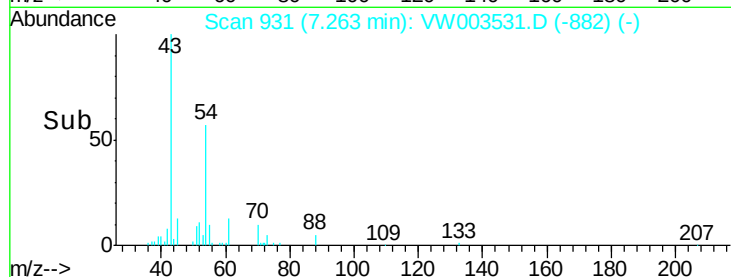
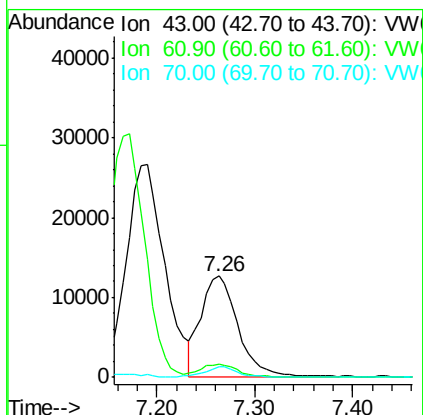
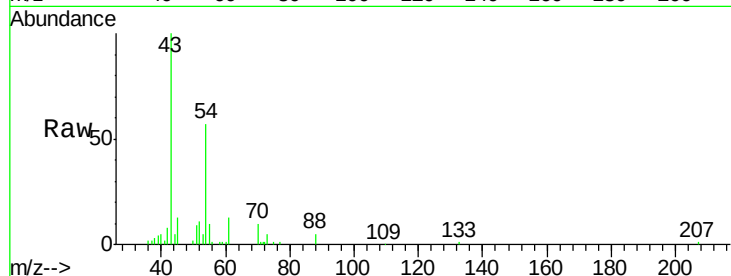




#37
Ethyl Acetate
Concen: 22.907 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

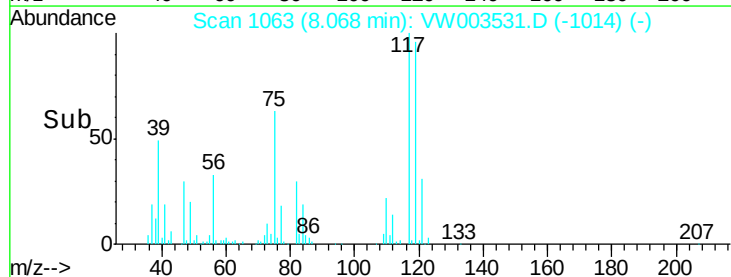
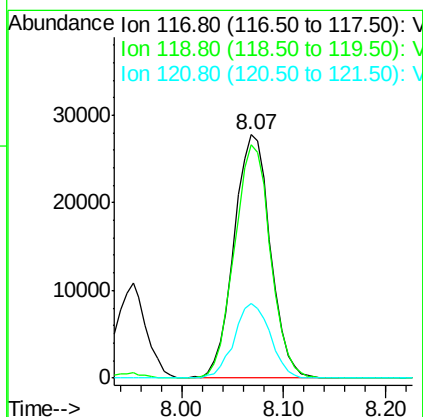
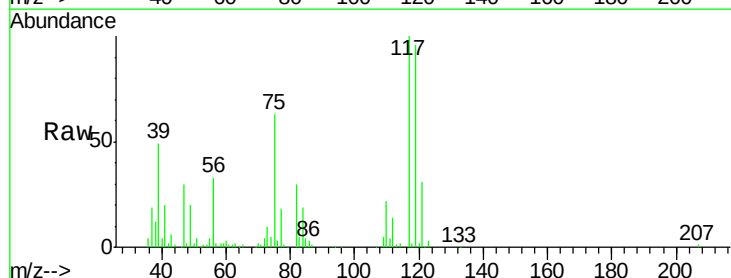
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

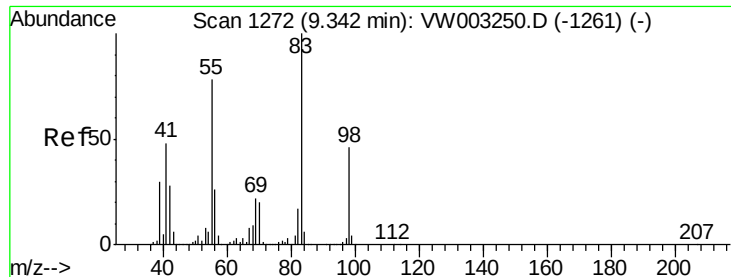
Tgt Ion: 43 Resp: 32869
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 9.8 7.8 11.6



#38
Carbon Tetrachloride
Concen: 20.205 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 117 Resp: 68646
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0
121 30.5 23.9 35.9

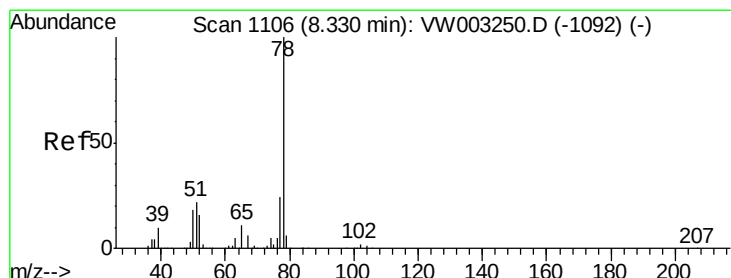
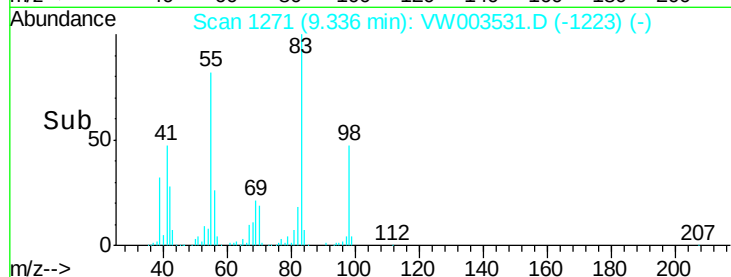
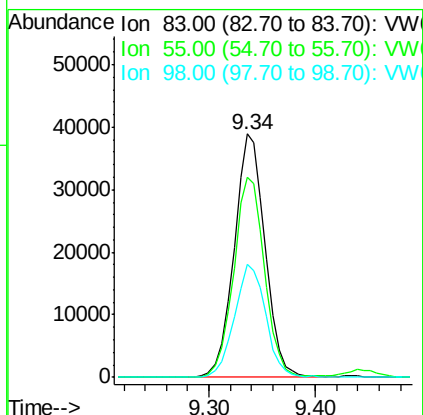
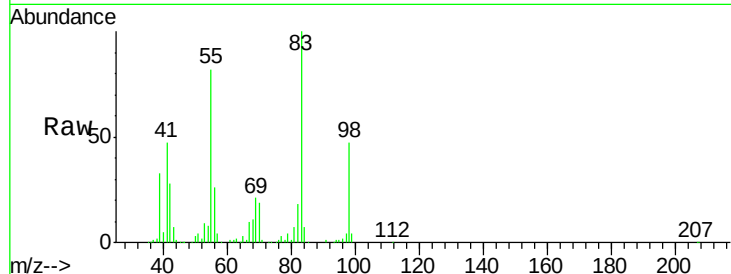




#39
Methylcyclohexane
Concen: 19.725 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

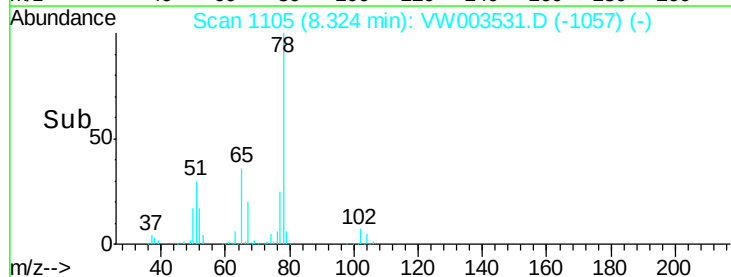
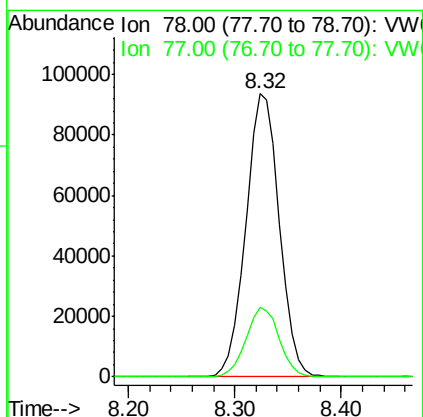
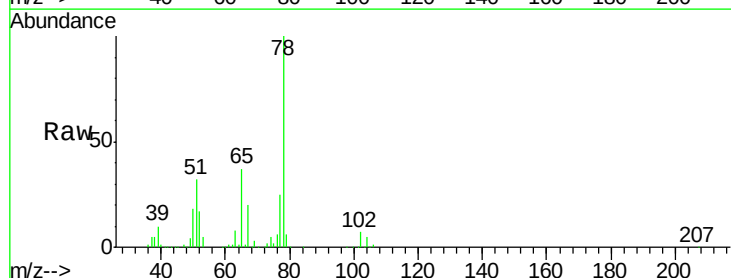
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

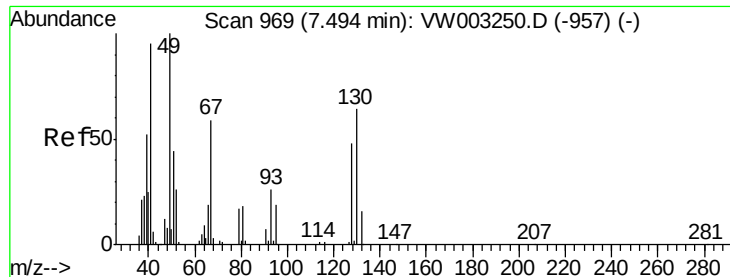
Tgt Ion: 83 Resp: 79053
Ion Ratio Lower Upper
83 100
55 82.0 62.6 93.8
98 46.5 37.0 55.4



#40
Benzene
Concen: 21.583 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 78 Resp: 206058
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6

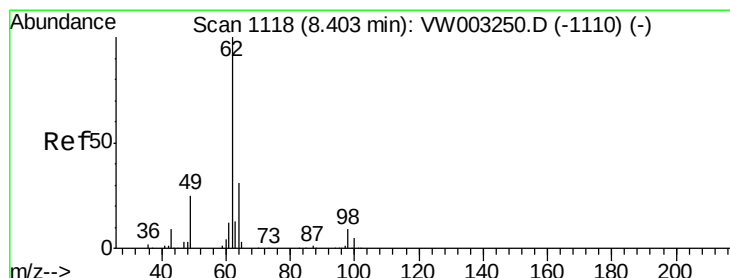
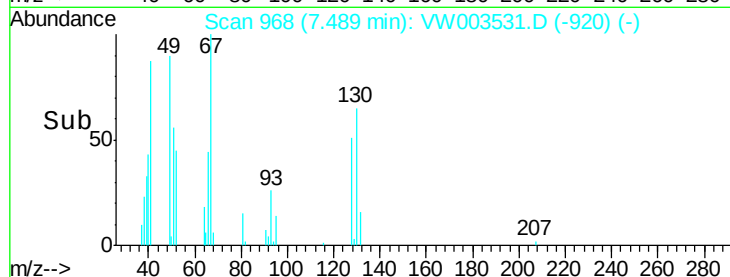
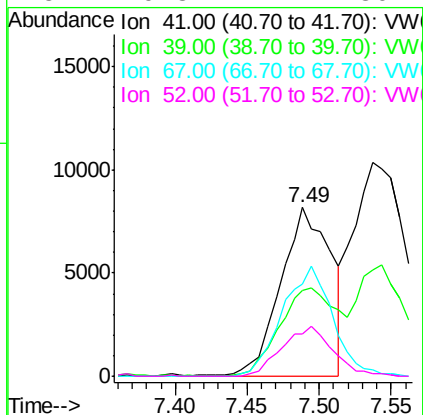
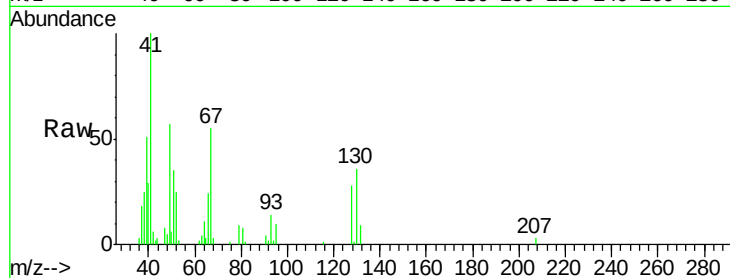




#41
Methacrylonitrile
Concen: 22.622 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

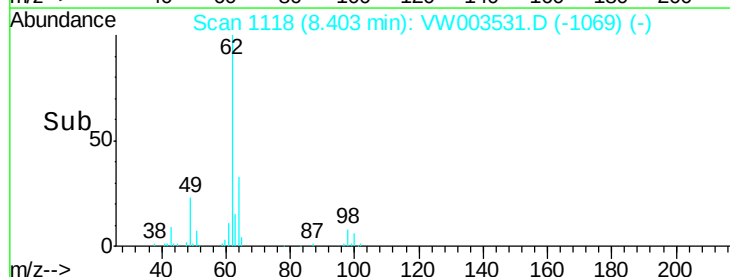
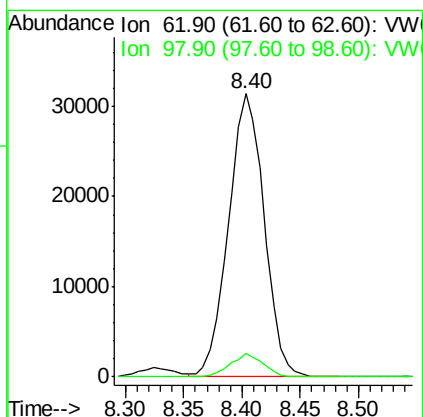
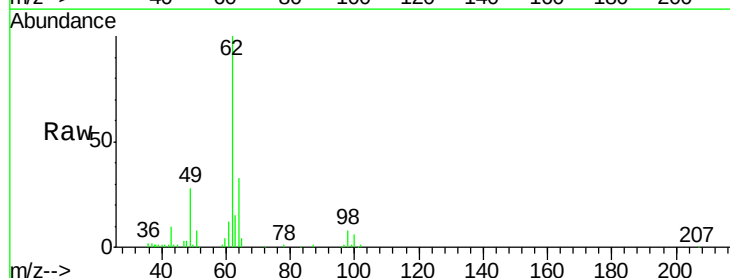
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

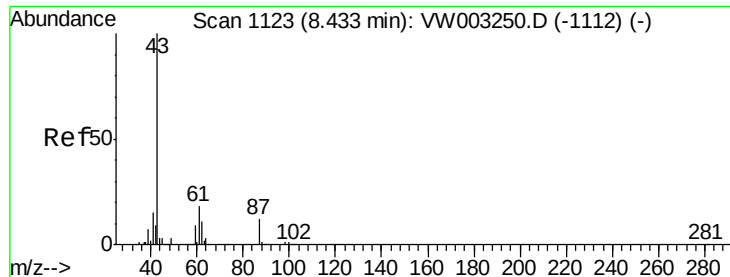
Tgt Ion:	41	Resp:	19919
Ion	Ratio	Lower	Upper
41	100		
39	61.4	45.8	68.8
67	64.9	52.3	78.5
52	29.8	24.1	36.1



#42
1,2-Dichloroethane
Concen: 22.376 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion:	62	Resp:	66930
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.636 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

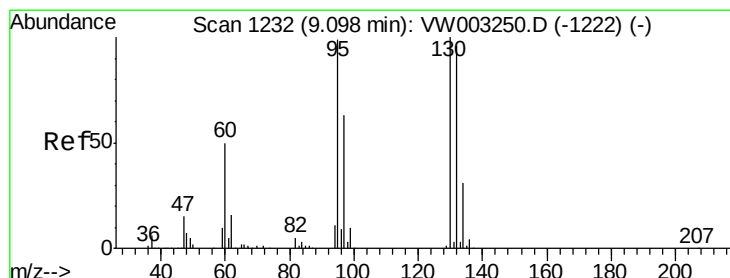
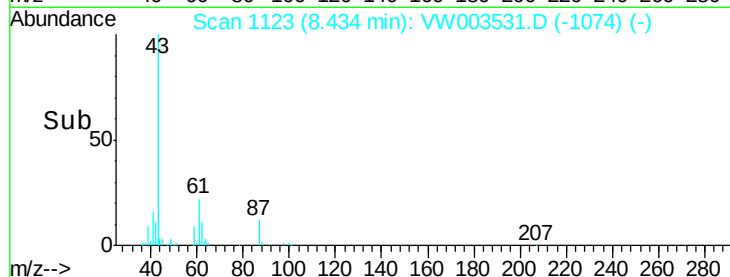
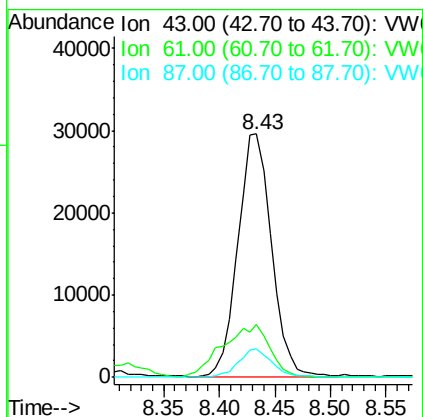
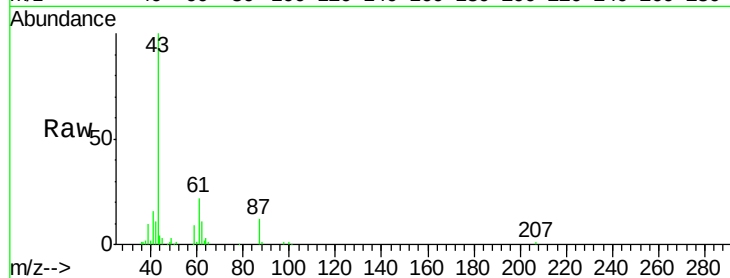
Tgt Ion: 43 Resp: 61645

Ion Ratio Lower Upper

43 100

61 30.7 23.1 34.7

87 11.8 9.8 14.6



#44

Trichloroethene

Concen: 21.234 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003531.D

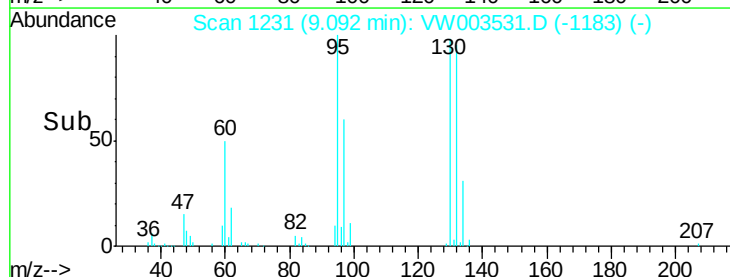
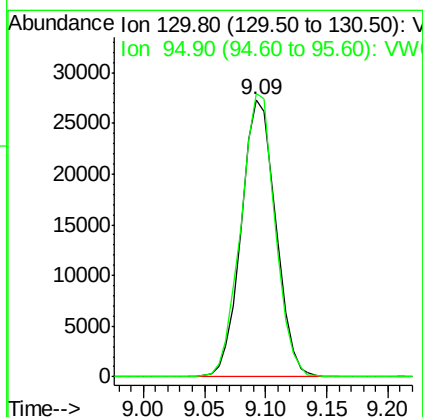
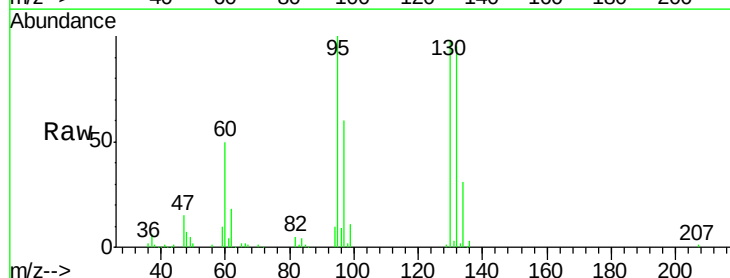
Acq: 25 Jun 2018 02:17

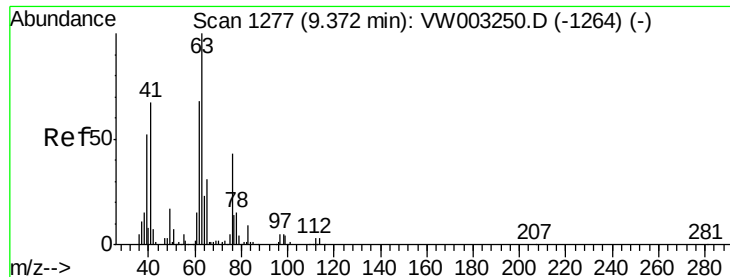
Tgt Ion: 130 Resp: 53719

Ion Ratio Lower Upper

130 100

95 102.0 0.0 198.0

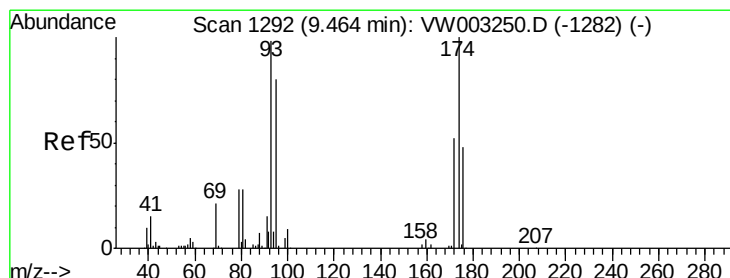
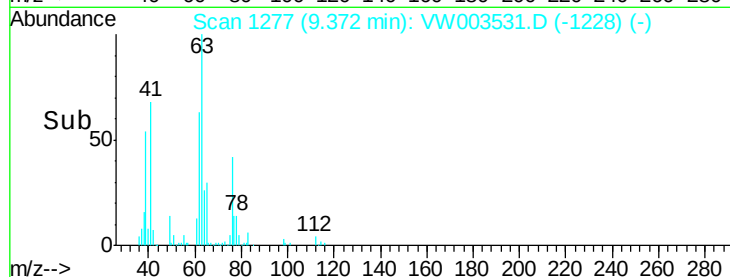
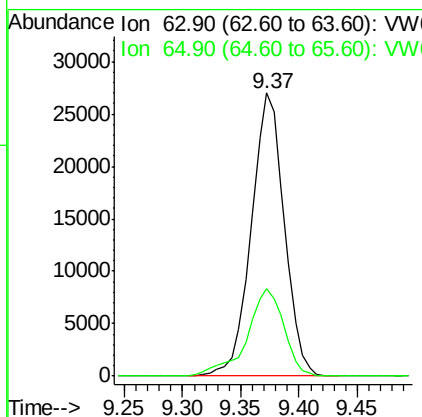
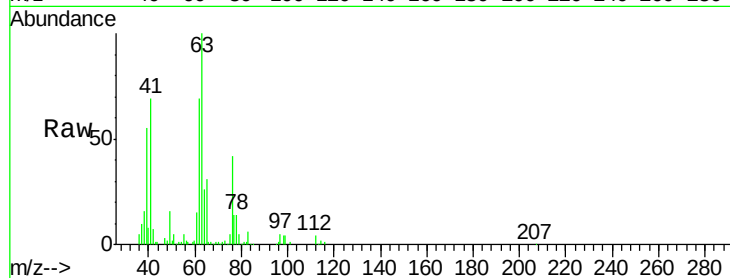




#45
 1,2-Dichloropropane
 Concen: 21.831 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

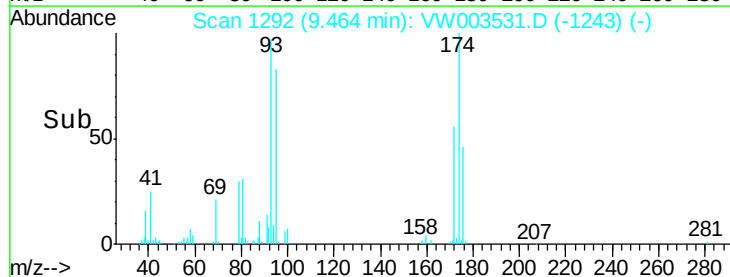
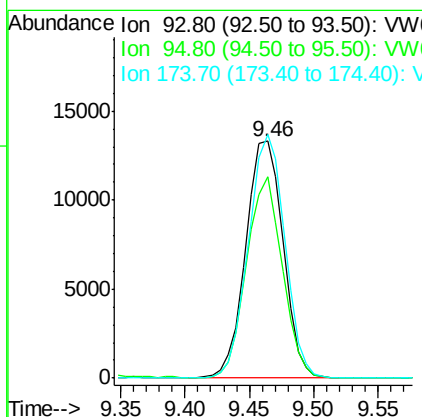
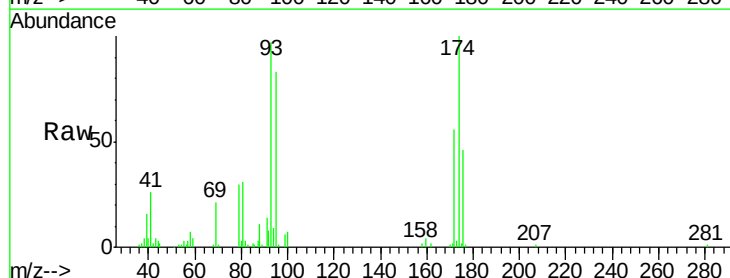
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

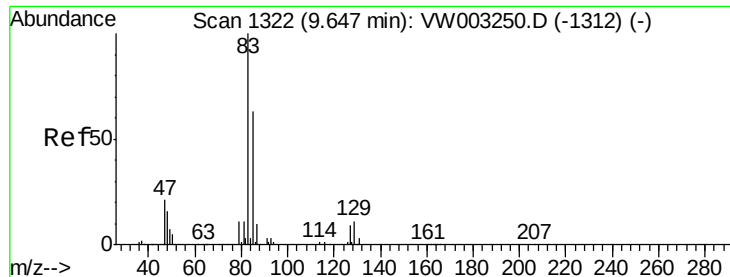
Tgt Ion: 63 Resp: 53068
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.1 37.7



#46
 Dibromomethane
 Concen: 21.437 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion: 93 Resp: 26680
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.8 98.8
 174 100.2 81.4 122.0





#47

Bromodichloromethane

Concen: 21.530 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

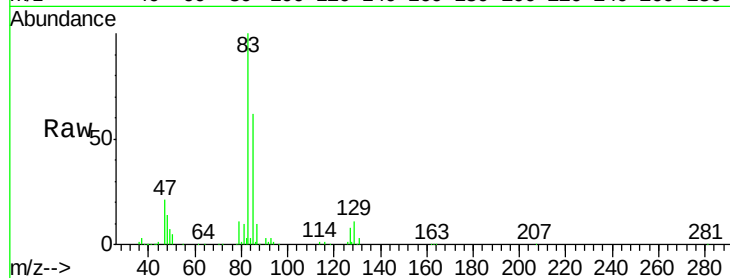
Tgt Ion: 83 Resp: 68684

Ion Ratio Lower Upper

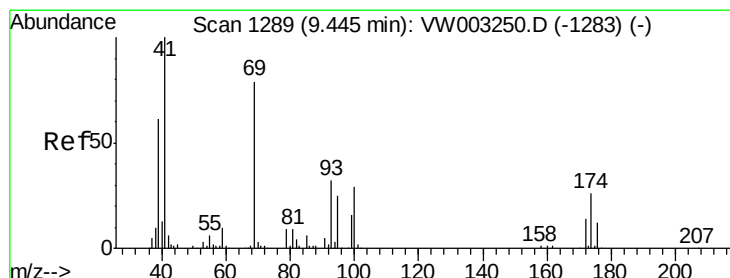
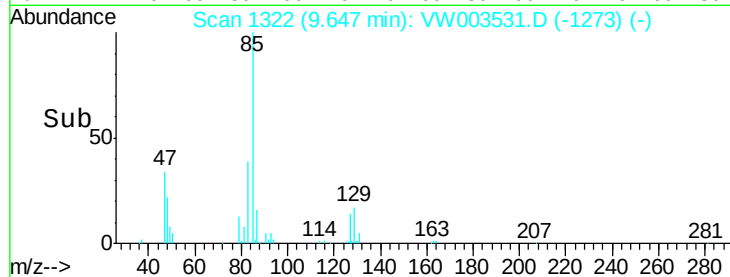
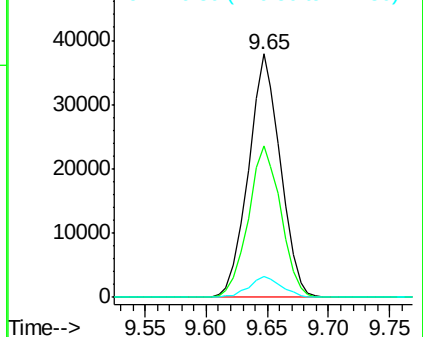
83 100

85 62.0 50.6 75.8

127 8.3 6.8 10.2



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



#48

Methyl methacrylate

Concen: 22.475 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

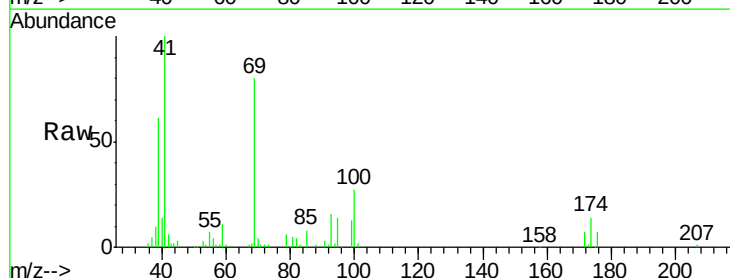
Tgt Ion: 41 Resp: 30093

Ion Ratio Lower Upper

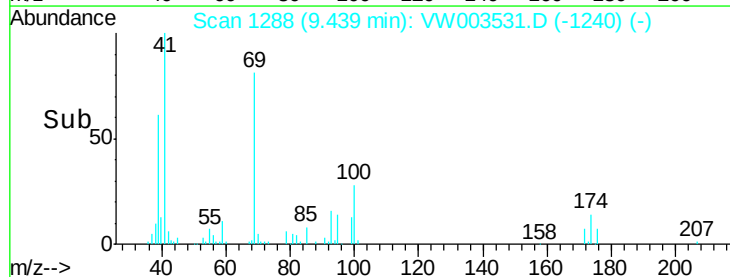
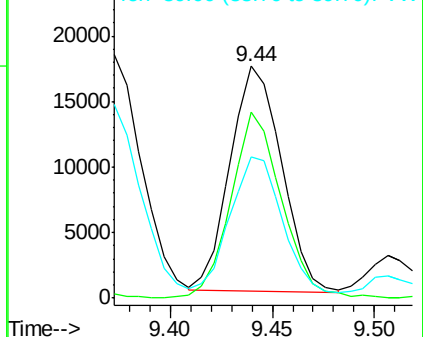
41 100

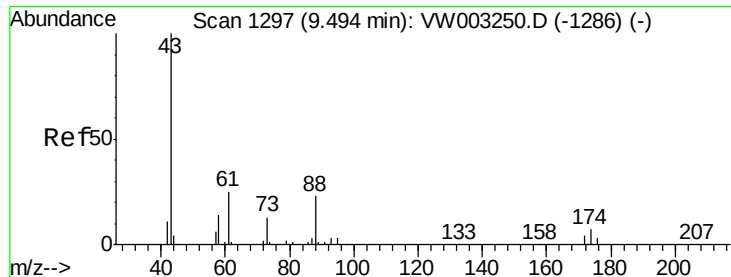
69 81.4 65.4 98.2

39 65.1 54.2 81.2



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

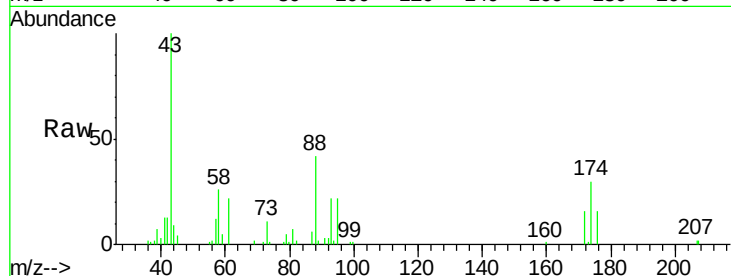




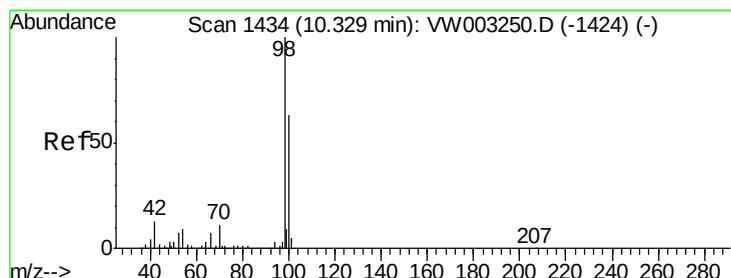
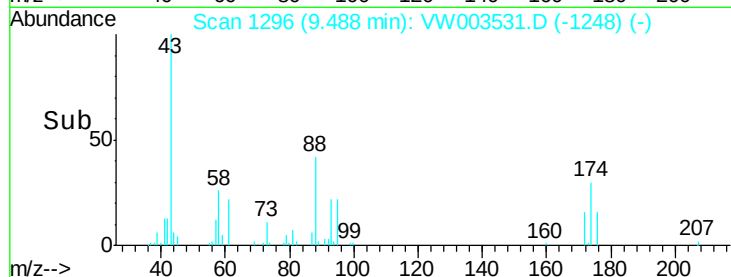
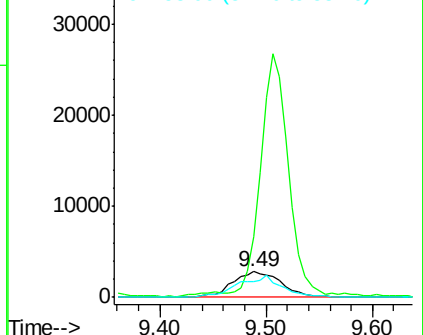
#49
1,4-Dioxane
Concen: 484.319 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tgt Ion: 88 Resp: 9101
Ion Ratio Lower Upper
88 100
43 547.7 454.7 682.1
58 76.0 58.6 88.0

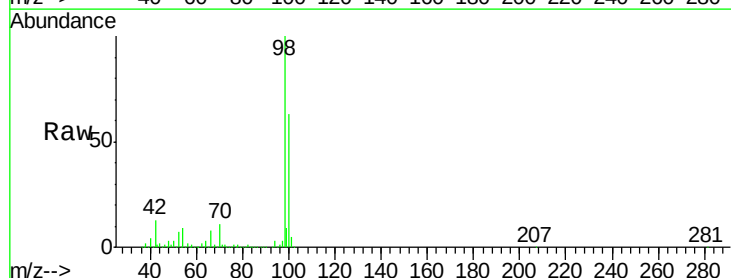


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

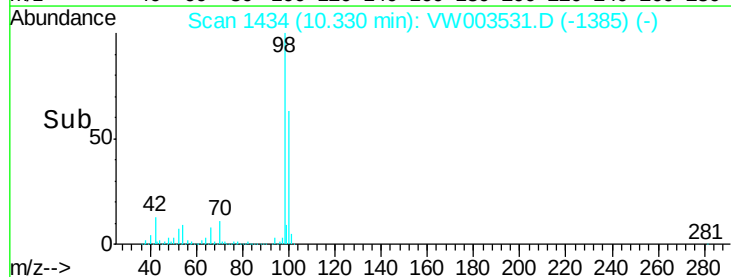
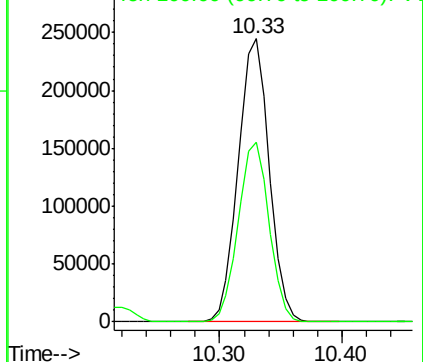


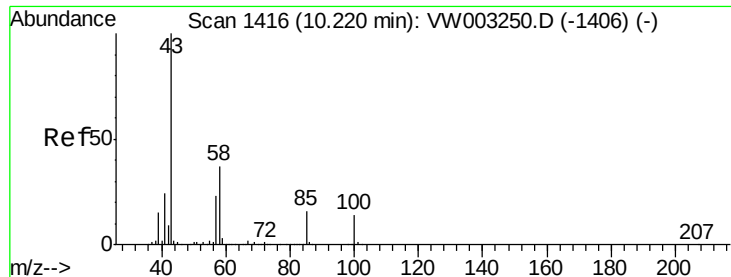
#50
Toluene-d8
Concen: 48.673 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 98 Resp: 430108
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2



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

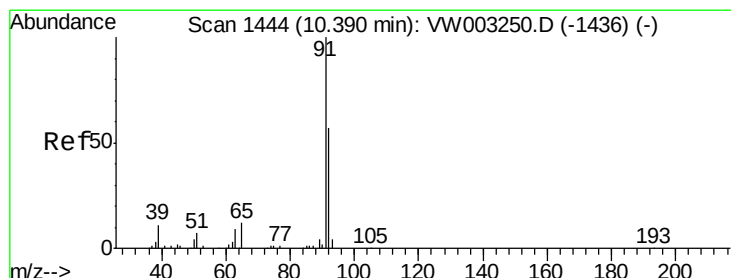
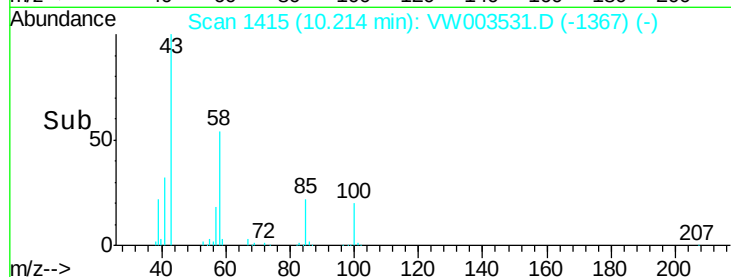
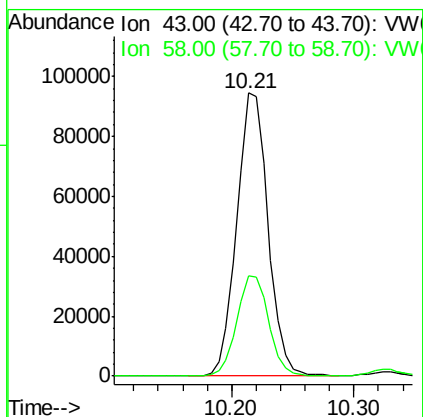
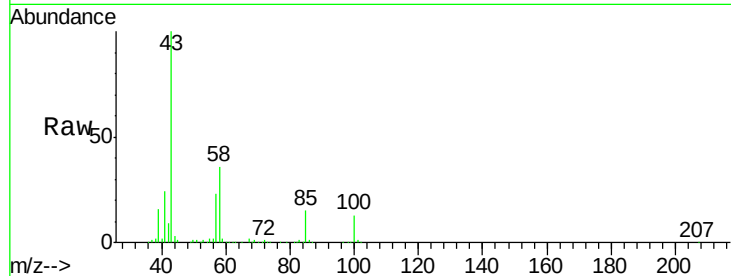




#51
 4-Methyl-2-Pentanone
 Concen: 115.340 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

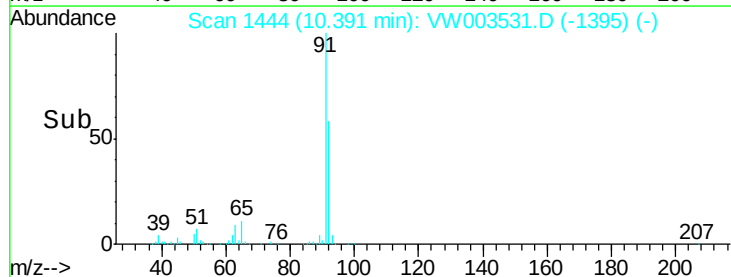
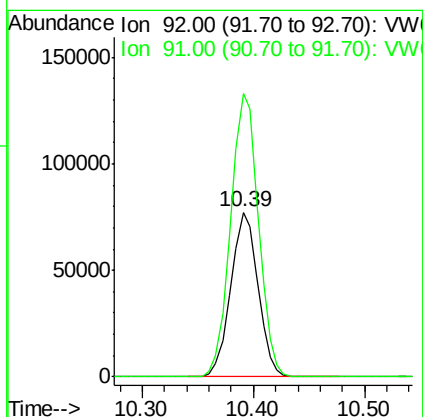
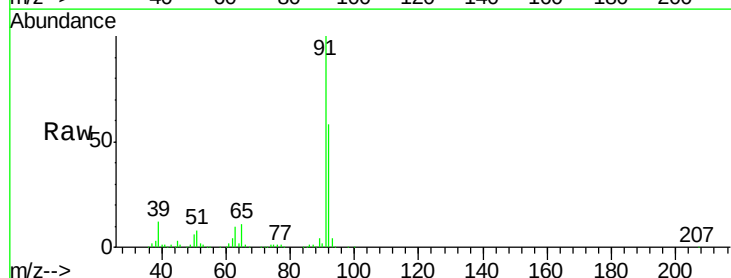
Instrument :
 MSVOA_W
 ClientSampled :
 VW0624SBSD02

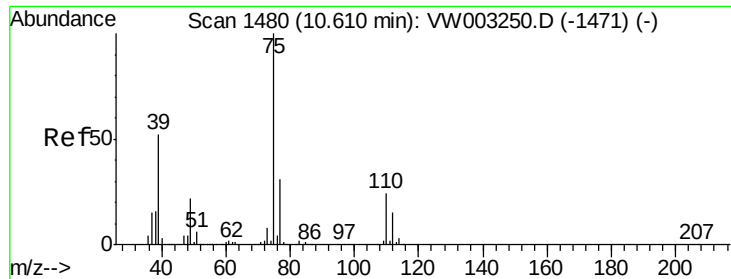
Tgt Ion: 43 Resp: 167451
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.0 43.4



#52
 Toluene
 Concen: 21.406 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion: 92 Resp: 131055
 Ion Ratio Lower Upper
 92 100
 91 175.4 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 20.474 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

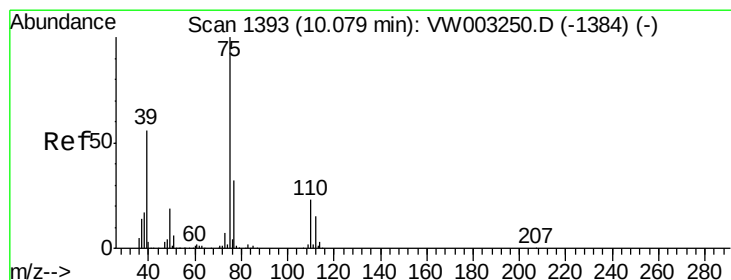
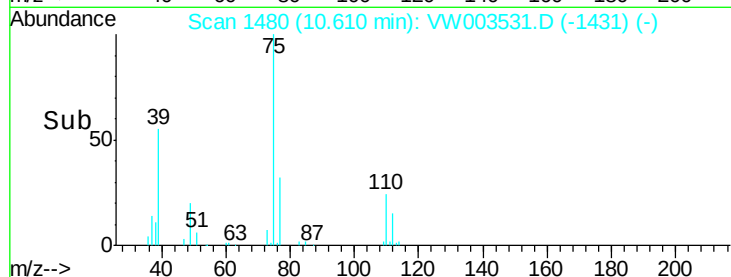
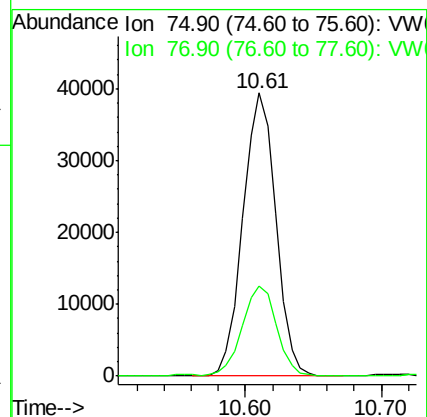
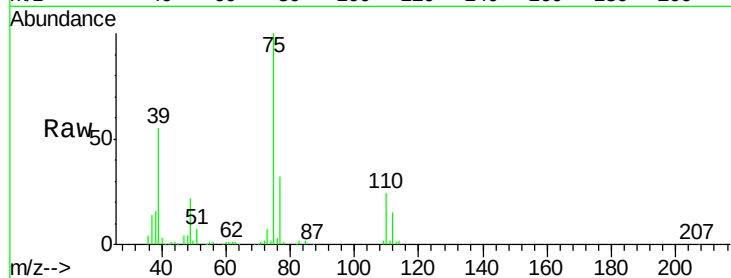
VW0624SBSD02

Tgt Ion: 75 Resp: 66718

Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 20.297 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

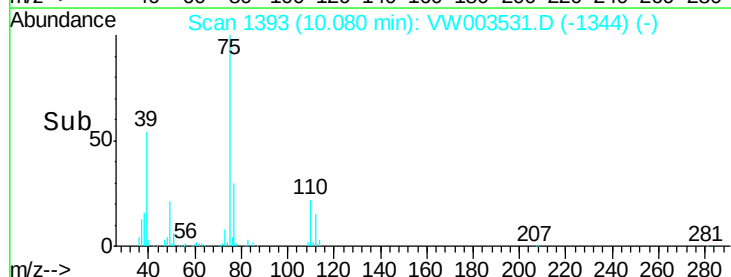
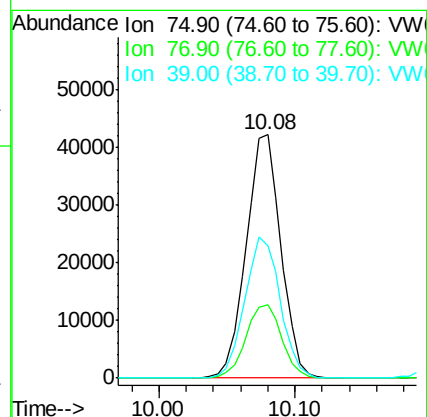
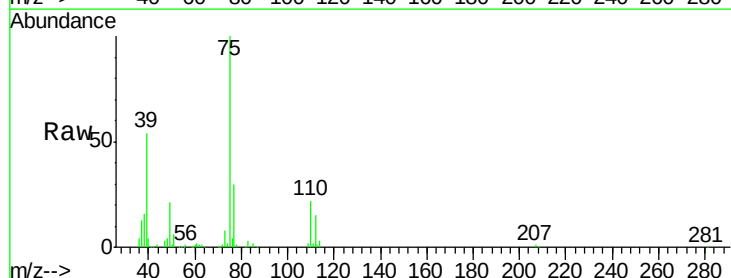
Tgt Ion: 75 Resp: 75281

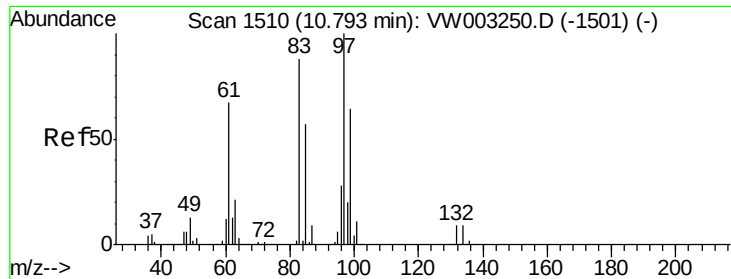
Ion Ratio Lower Upper

75 100

77 29.9 25.8 38.6

39 54.0 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 21.391 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tgt Ion: 97 Resp: 37514

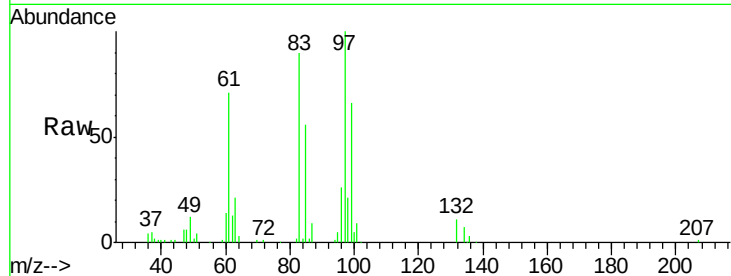
Ion Ratio Lower Upper

97 100

83 89.5 70.2 105.2

85 56.4 45.6 68.4

99 66.2 51.2 76.8

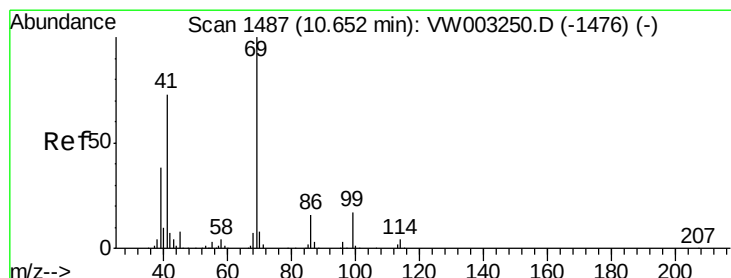
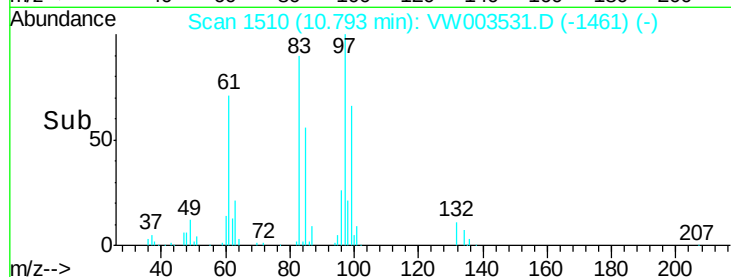
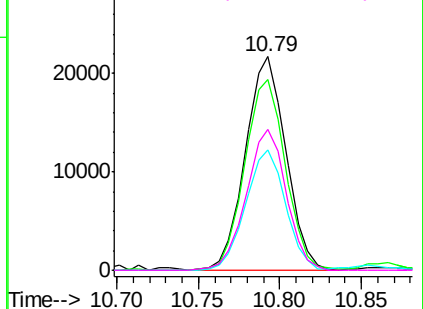


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 21.725 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

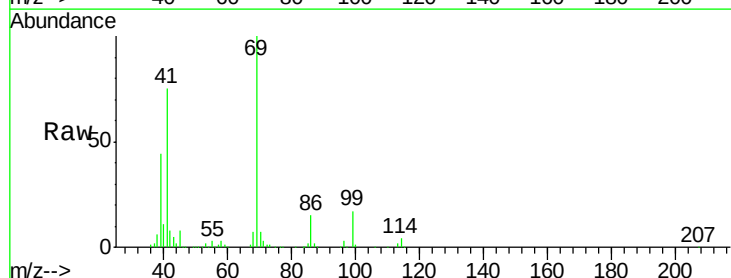
Tgt Ion: 69 Resp: 46267

Ion Ratio Lower Upper

69 100

41 75.1 57.8 86.6

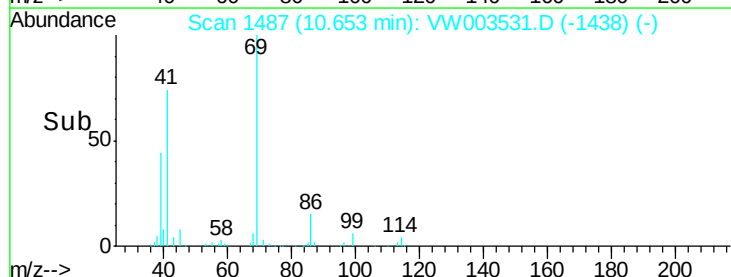
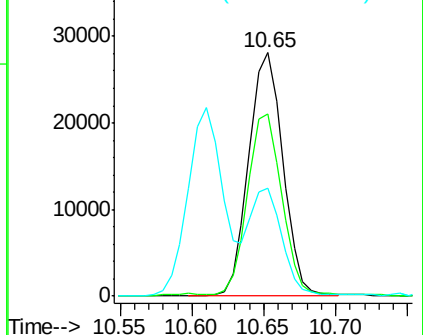
39 40.2 32.7 49.1

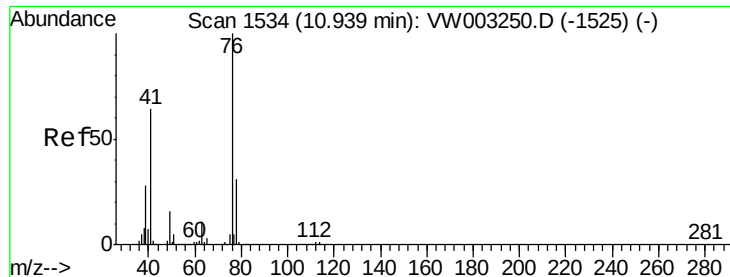


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 22.036 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

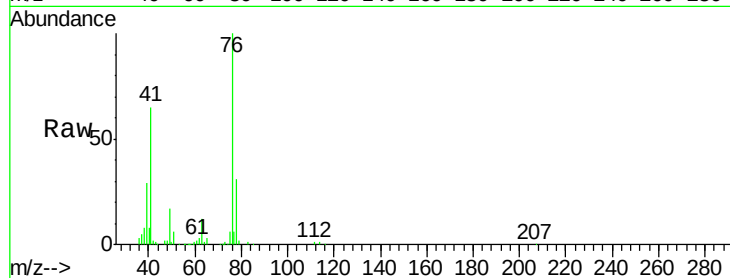
VW0624SBSD02

Tgt Ion: 76 Resp: 66652

Ion Ratio Lower Upper

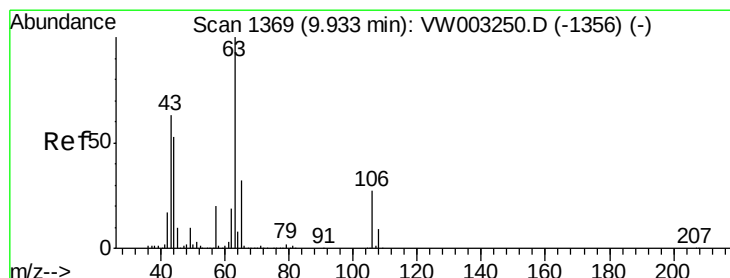
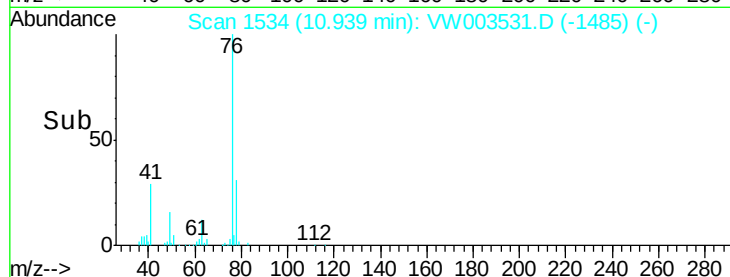
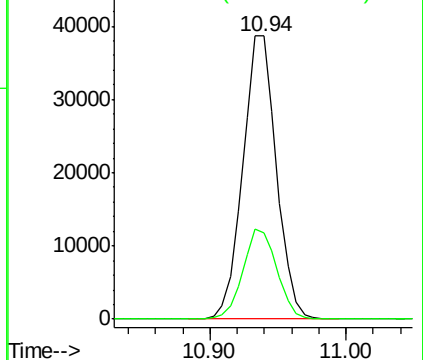
76 100

78 32.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 110.715 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003531.D

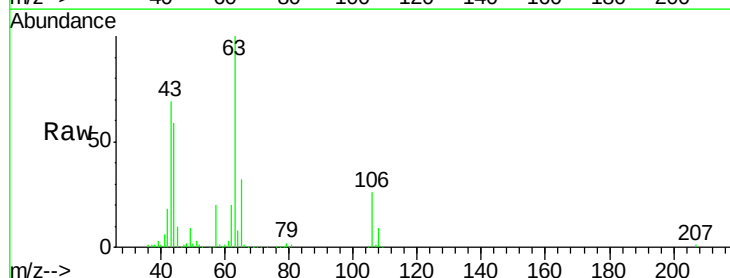
Acq: 25 Jun 2018 02:17

Tgt Ion: 63 Resp: 105696

Ion Ratio Lower Upper

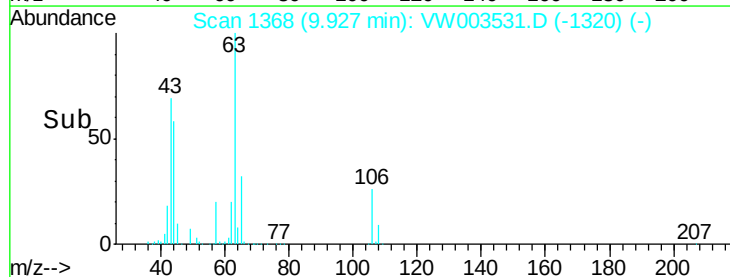
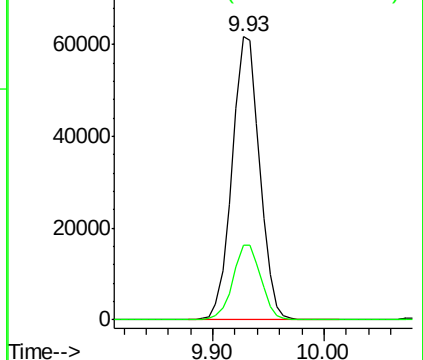
63 100

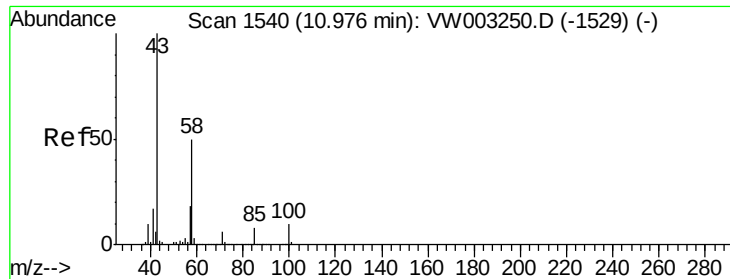
106 26.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

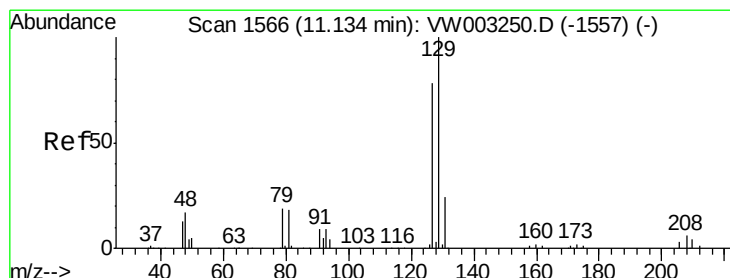
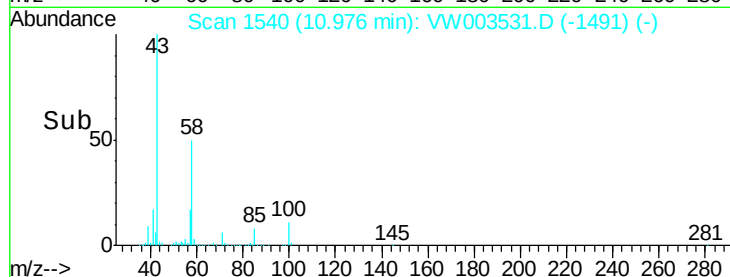
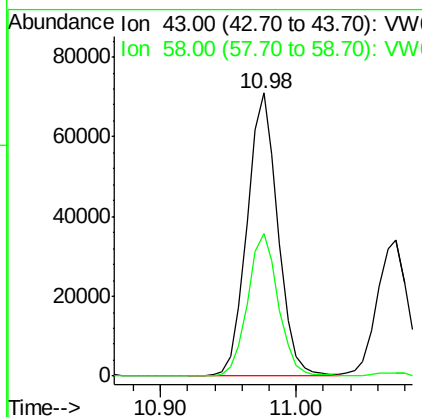
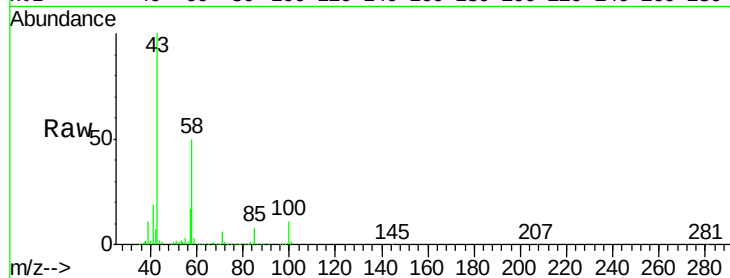




#59
2-Hexanone
Concen: 111.229 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

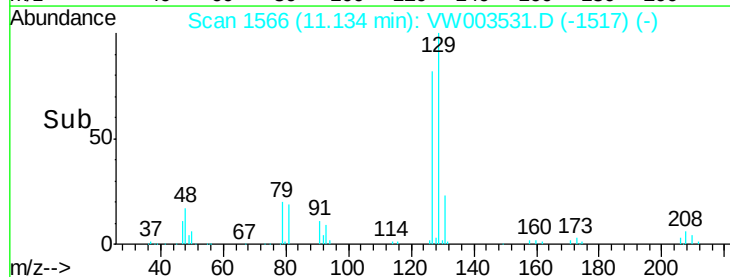
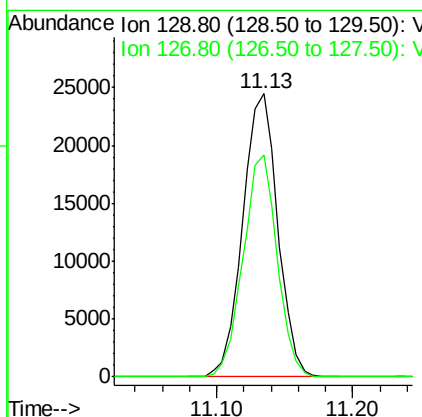
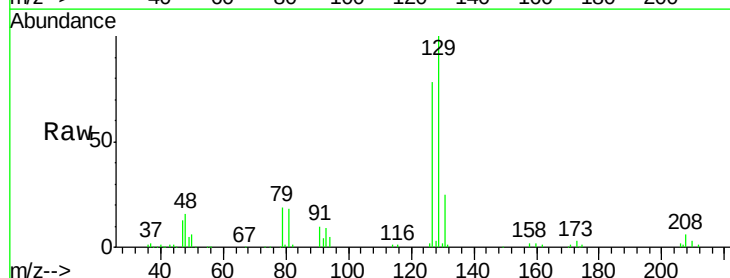
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

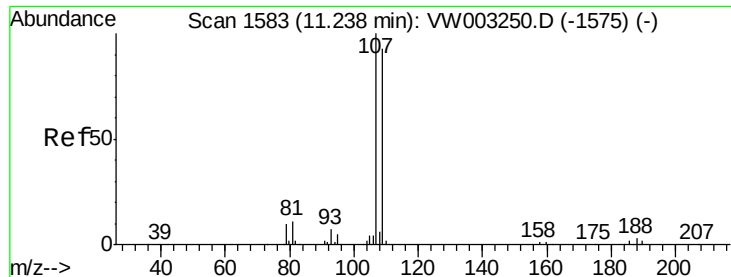
Tgt Ion: 43 Resp: 112810
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0



#60
Dibromochloromethane
Concen: 21.098 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 129 Resp: 44001
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.5

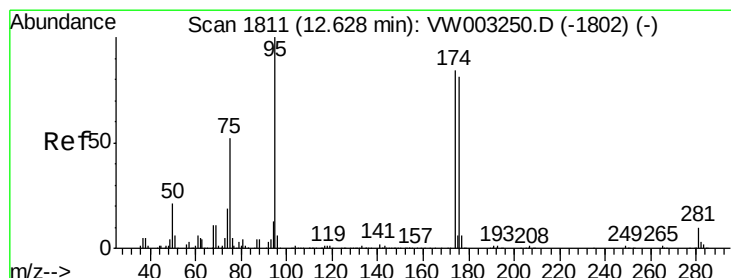
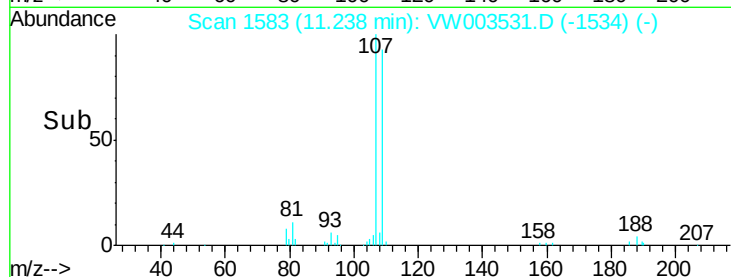
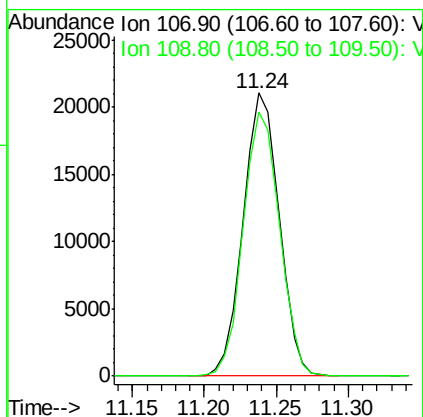
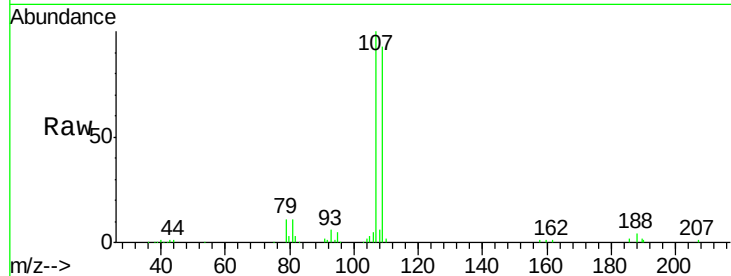




#61
 1,2-Dibromoethane
 Concen: 21.973 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

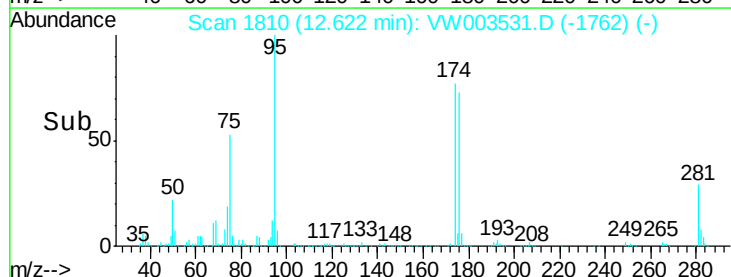
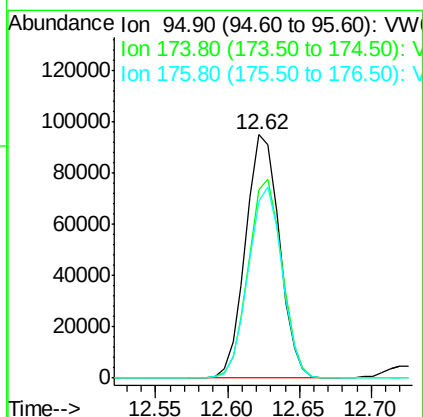
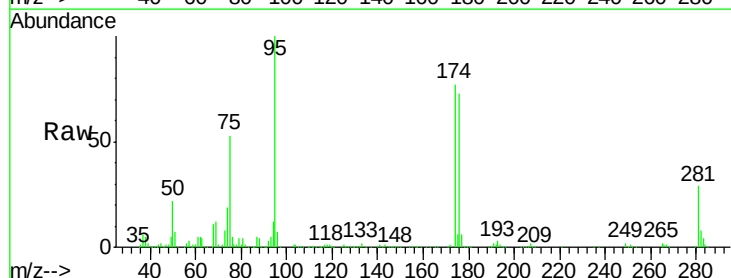
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

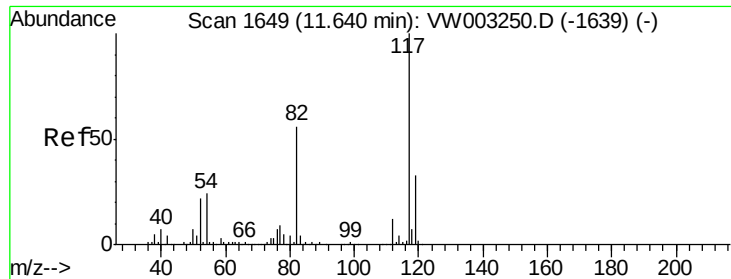
Tgt Ion: 107 Resp: 36450
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.411 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion: 95 Resp: 154518
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 166.4
 176 78.4 0.0 162.0

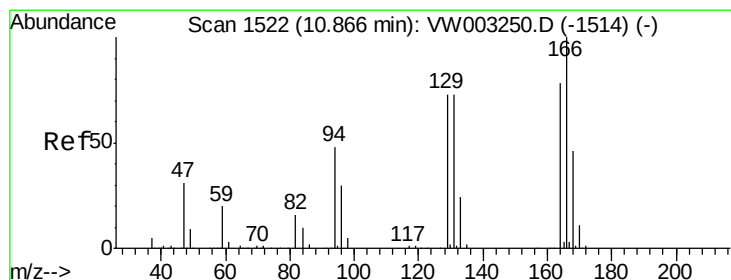
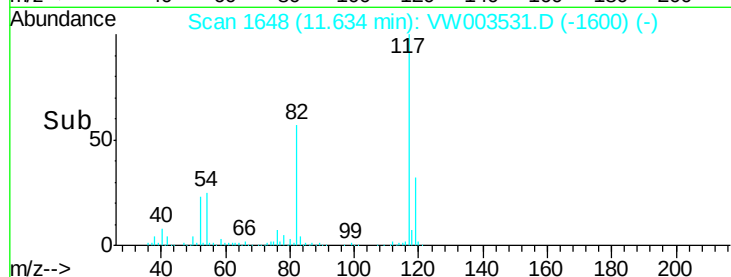
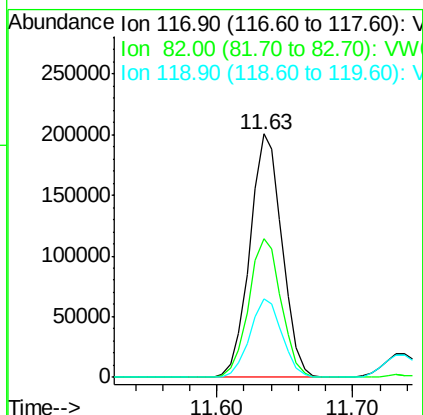
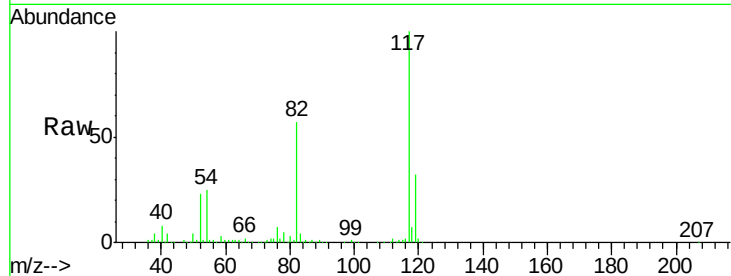




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

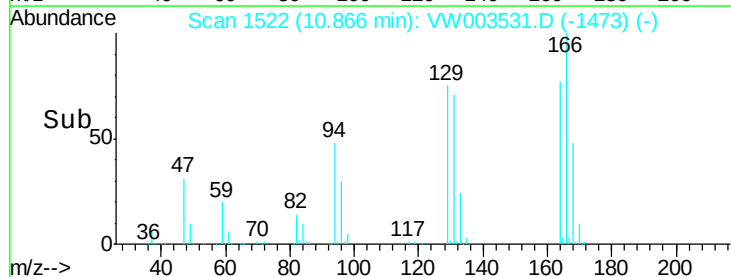
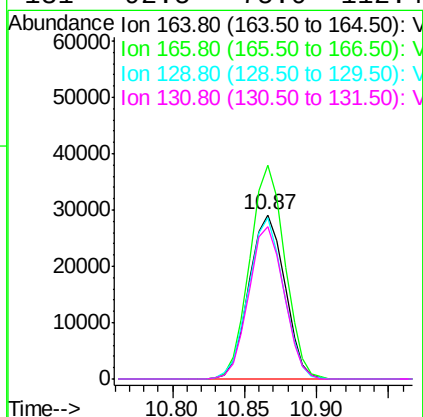
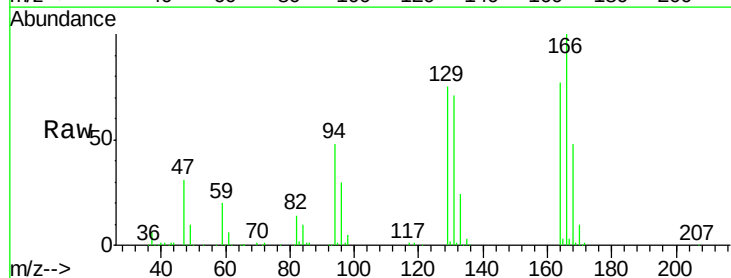
Instrument :
MSVOA_W
ClientSampleID :
VW0624SBSD02

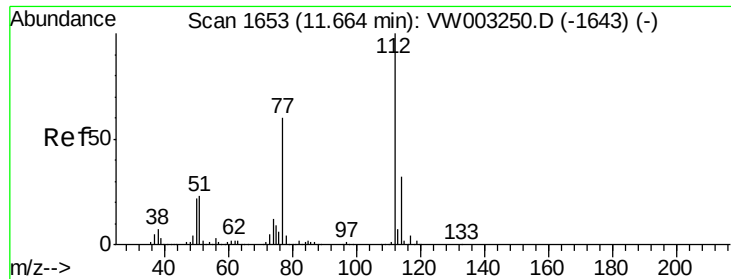
Tgt Ion:117 Resp: 332534
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 32.5 26.7 40.1



#64
Tetrachloroethene
Concen: 22.600 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion:164 Resp: 50267
Ion Ratio Lower Upper
164 100
166 130.1 102.6 154.0
129 98.1 75.2 112.8
131 92.5 75.0 112.4

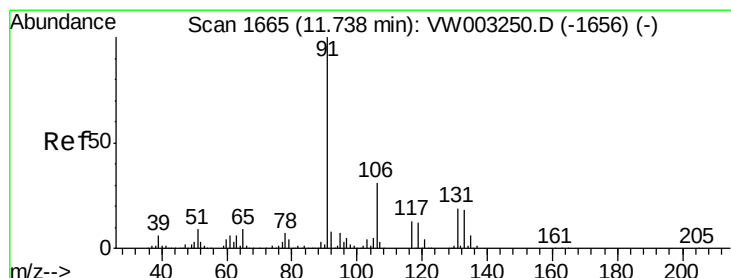
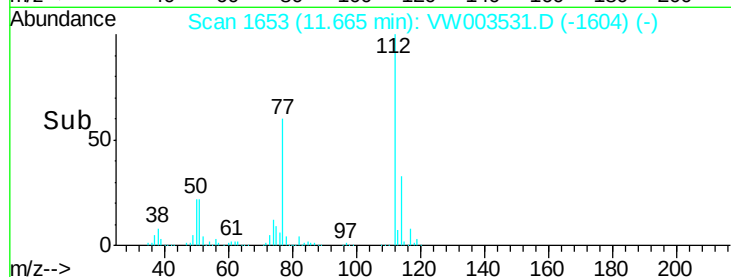
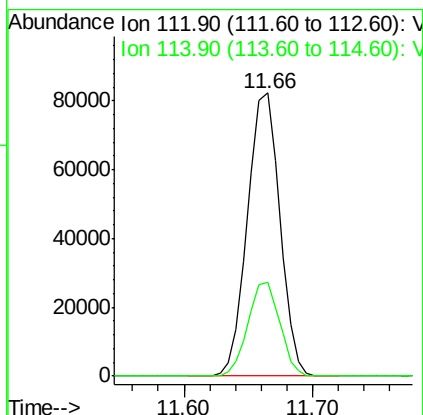
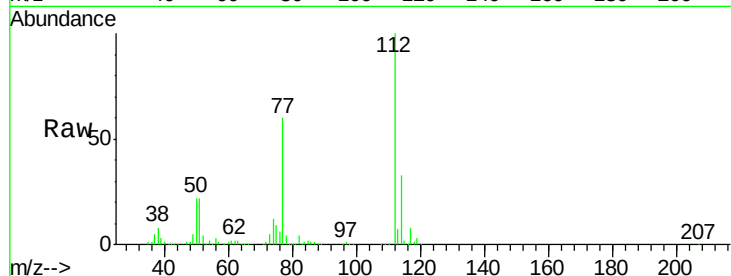




#65
Chlorobenzene
Concen: 20.685 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

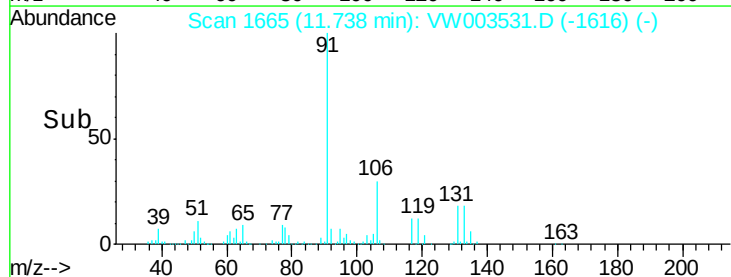
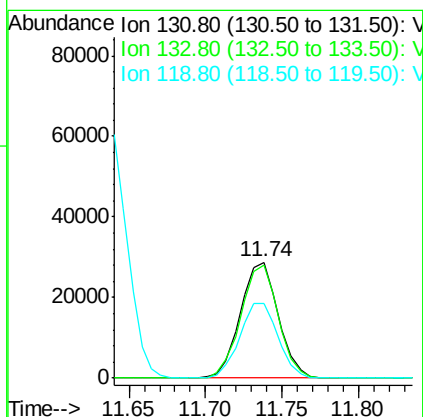
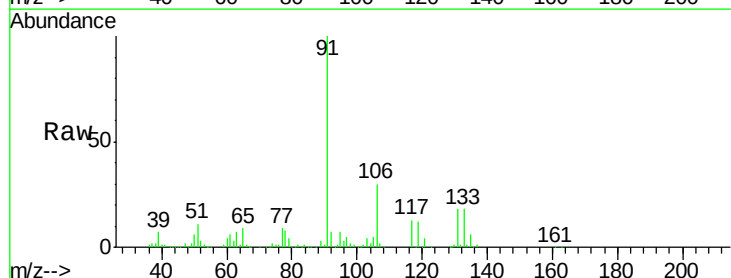
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

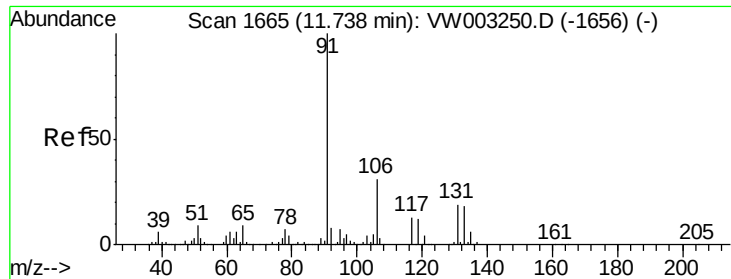
Tgt Ion:112 Resp: 143237
Ion Ratio Lower Upper
112 100
114 33.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.272 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion:131 Resp: 49333
Ion Ratio Lower Upper
131 100
133 96.0 47.3 142.0
119 65.8 32.5 97.4

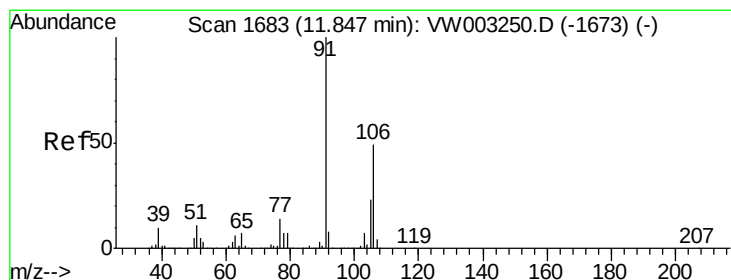
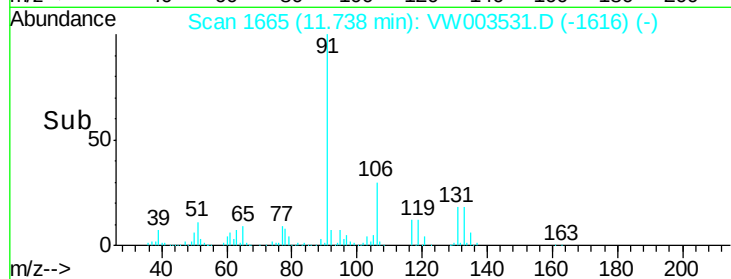
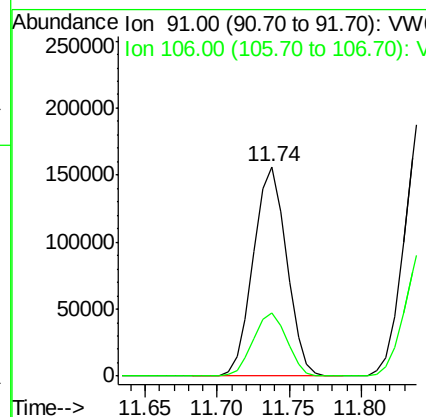
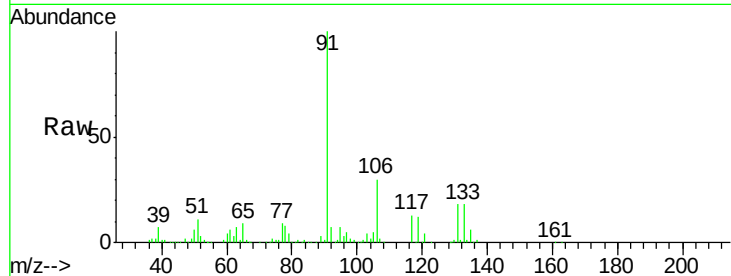




#67
Ethyl Benzene
Concen: 20.372 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

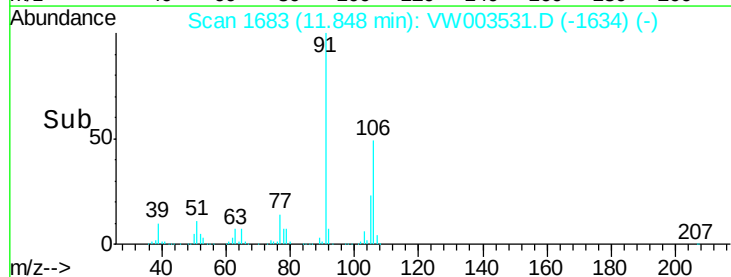
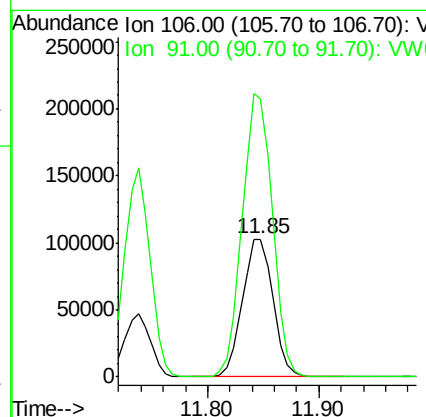
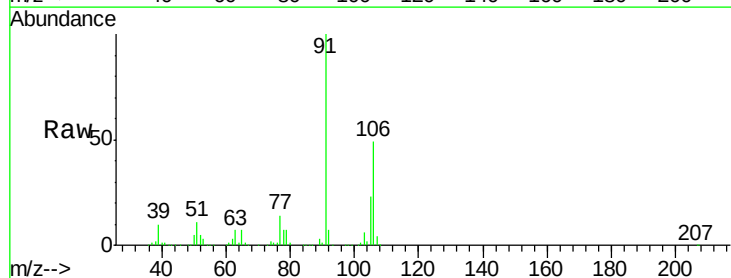
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

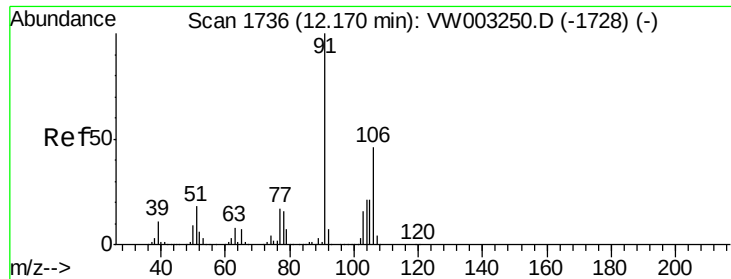
Tgt Ion: 91 Resp: 250060
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1



#68
m/p-Xylenes
Concen: 41.604 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 106 Resp: 194129
Ion Ratio Lower Upper
106 100
91 204.8 165.4 248.0

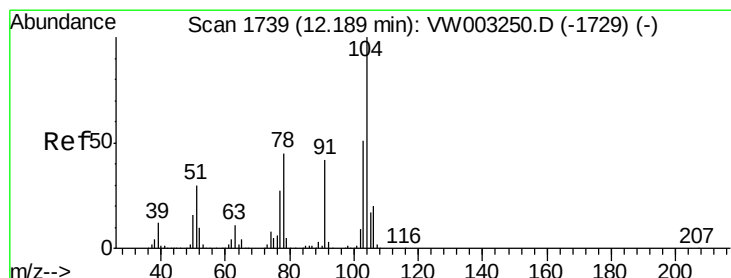
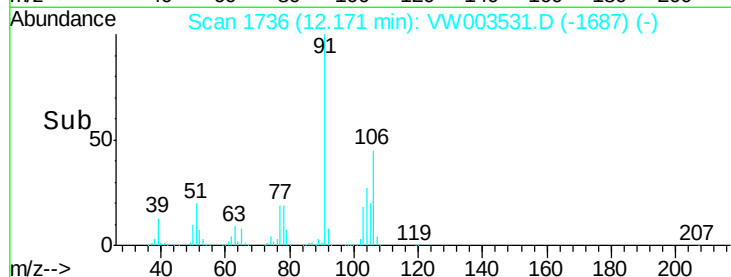
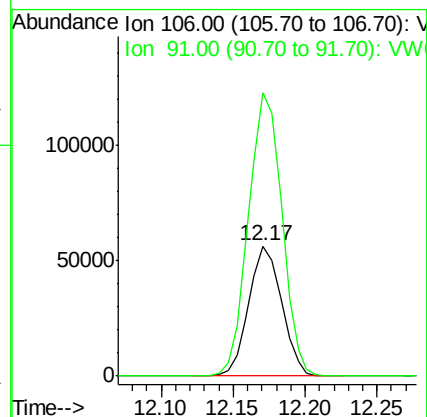
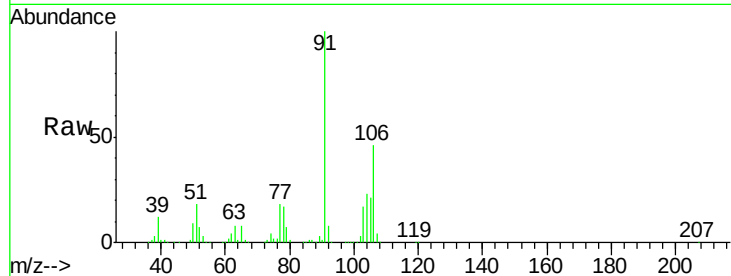




#69
o-Xylene
Concen: 20.614 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

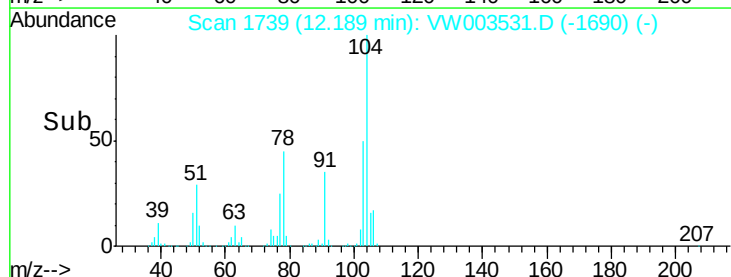
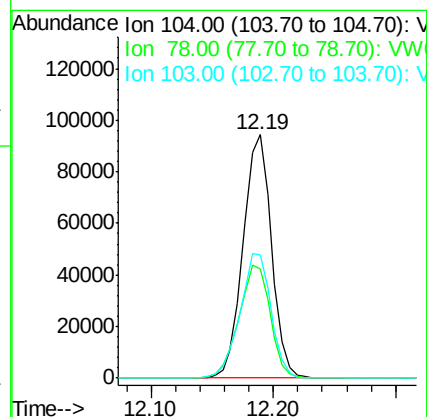
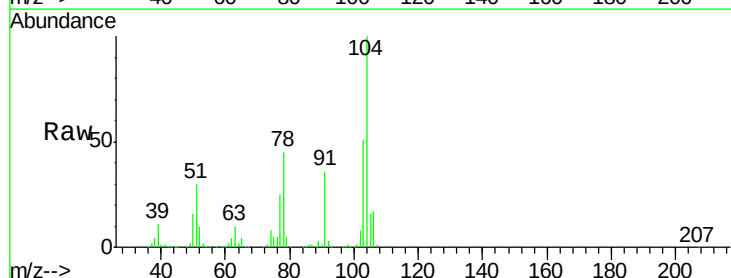
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

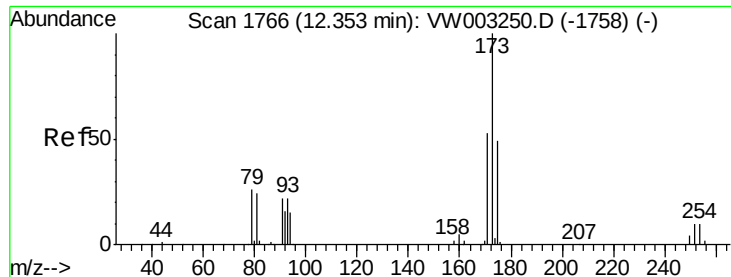
Tgt Ion:106 Resp: 89145
Ion Ratio Lower Upper
106 100
91 222.0 108.6 325.6



#70
Styrene
Concen: 21.037 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion:104 Resp: 151423
Ion Ratio Lower Upper
104 100
78 51.5 41.3 61.9
103 56.1 45.0 67.4





#71

Bromoform

Concen: 20.974 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

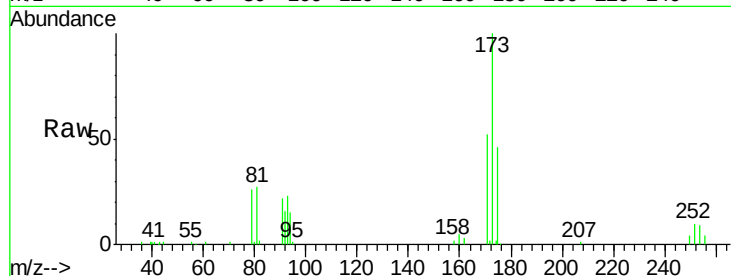
Tgt Ion:173 Resp: 26452

Ion Ratio Lower Upper

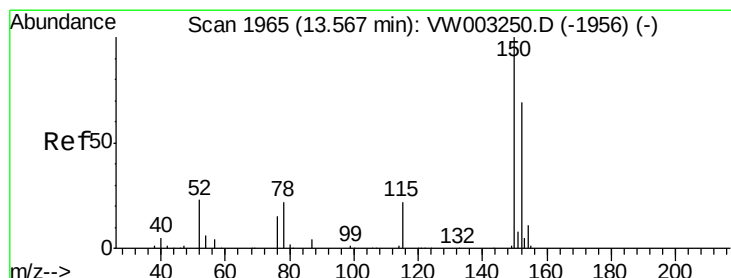
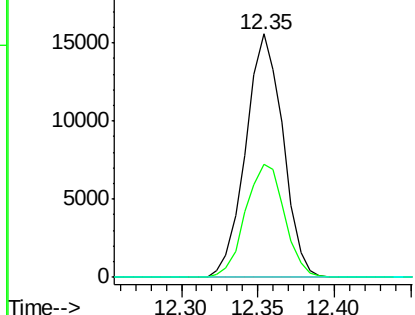
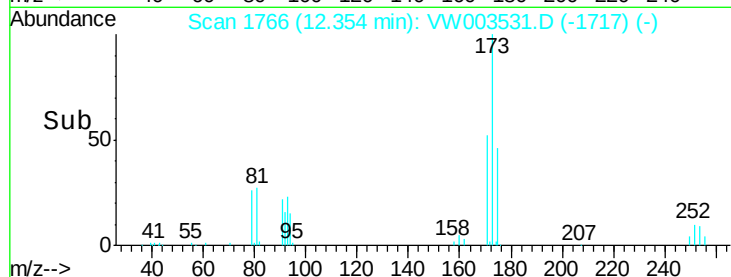
173 100

175 48.4 24.4 73.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

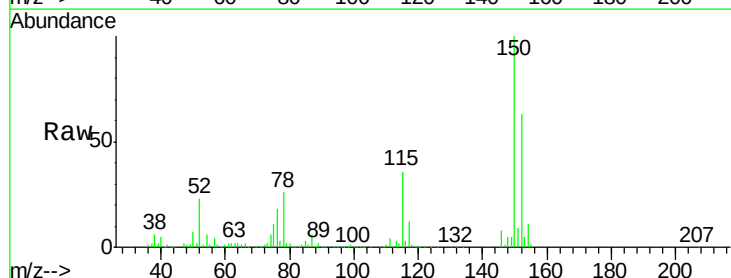
Tgt Ion:152 Resp: 176901

Ion Ratio Lower Upper

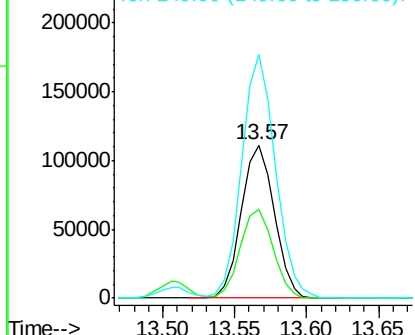
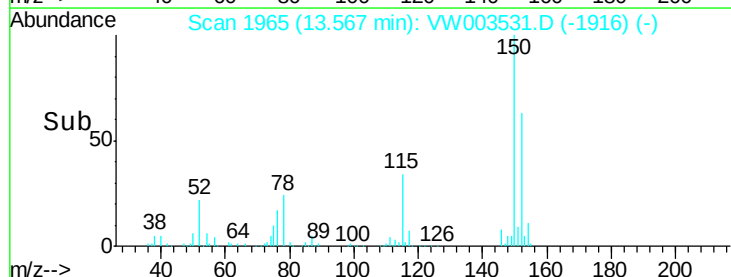
152 100

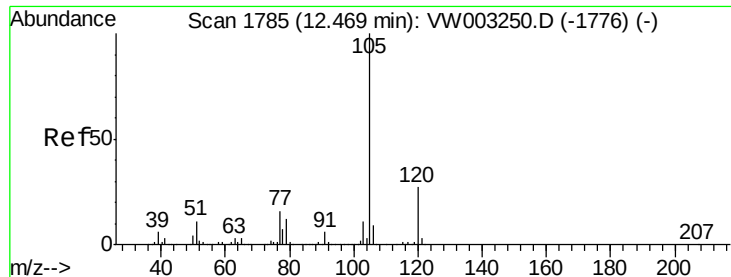
115 58.1 29.3 88.0

150 161.9 0.0 349.6



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





#73

Isopropylbenzene

Concen: 20.392 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

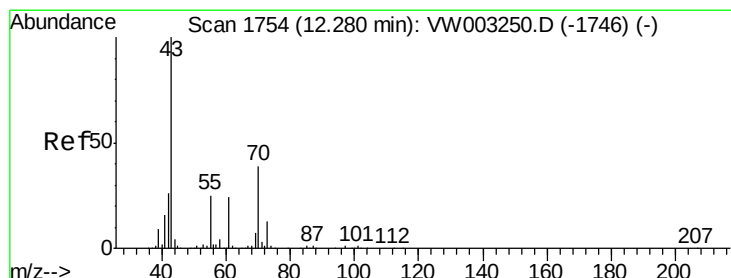
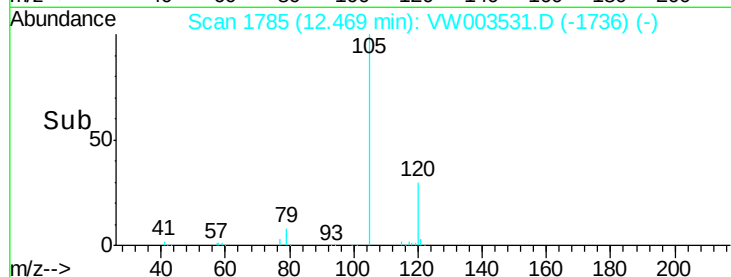
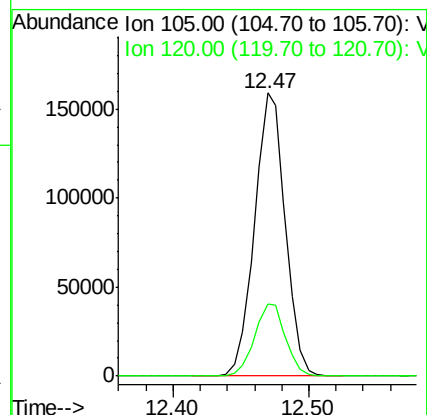
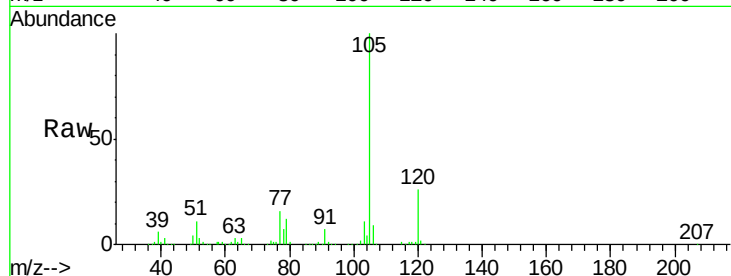
VW0624SBSD02

Tgt Ion:105 Resp: 250908

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



#74

N-ethyl acetate

Concen: 21.631 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion: 43 Resp: 60580

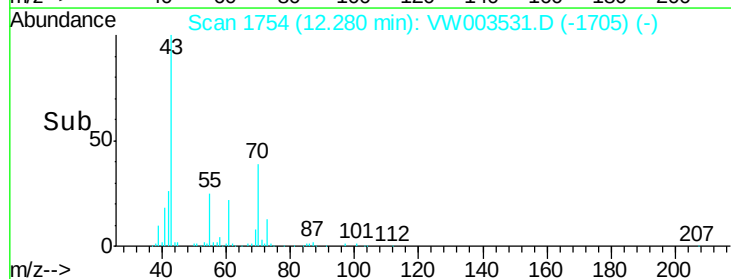
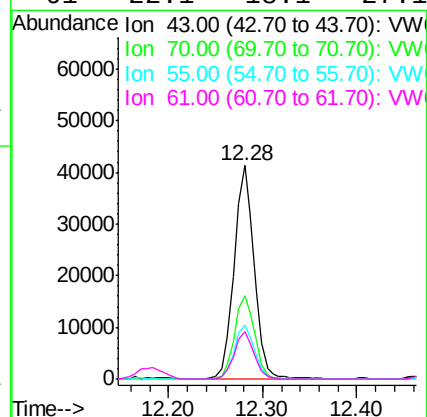
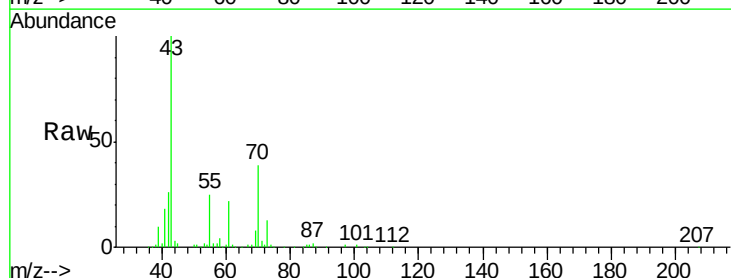
Ion Ratio Lower Upper

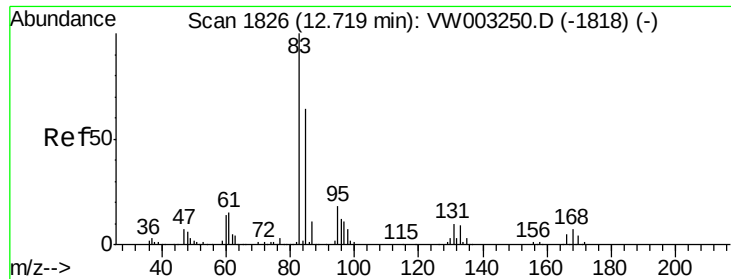
43 100

70 39.1 31.0 46.6

55 25.7 19.7 29.5

61 22.1 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.587 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

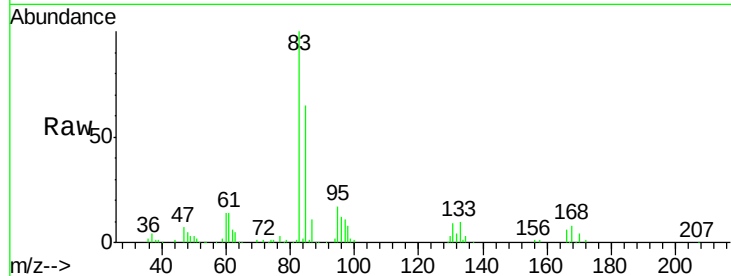
Tgt Ion: 83 Resp: 44936

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

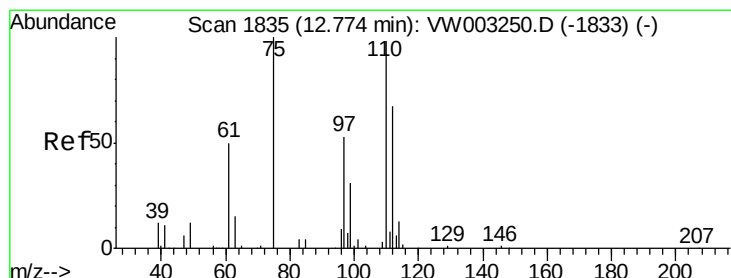
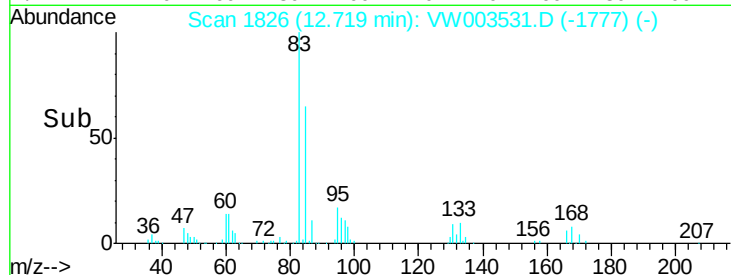
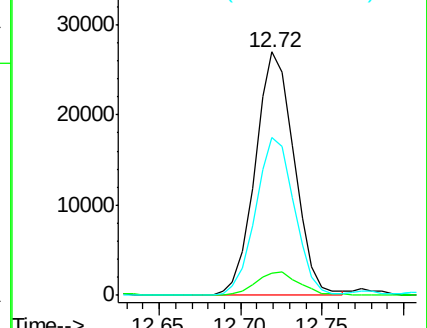
85 64.7 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.798 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003531.D

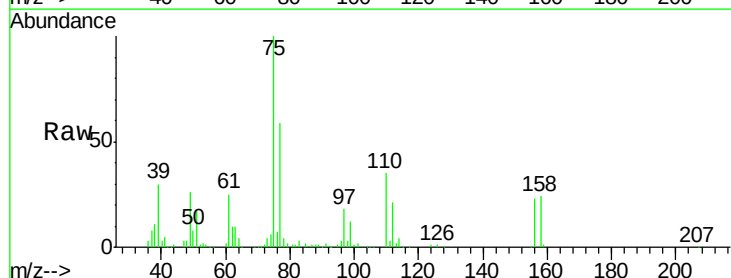
Acq: 25 Jun 2018 02:17

Tgt Ion: 75 Resp: 60186

Ion Ratio Lower Upper

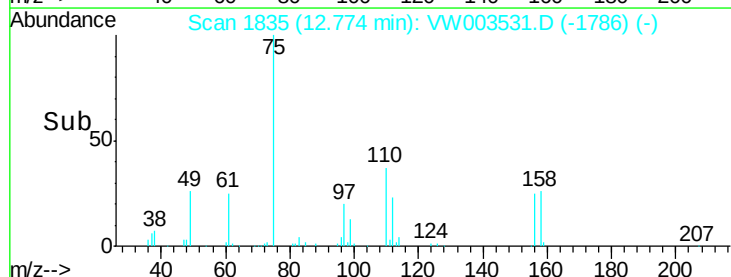
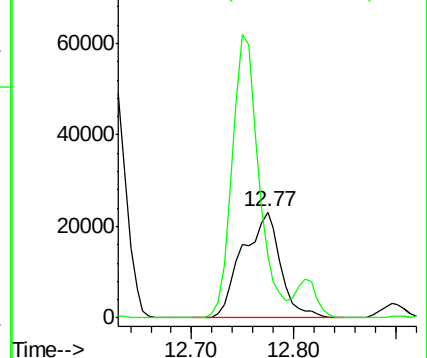
75 100

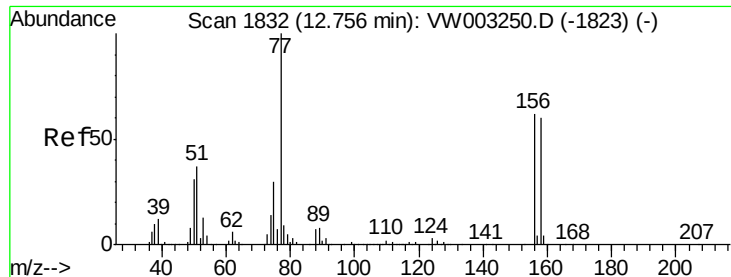
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.832 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

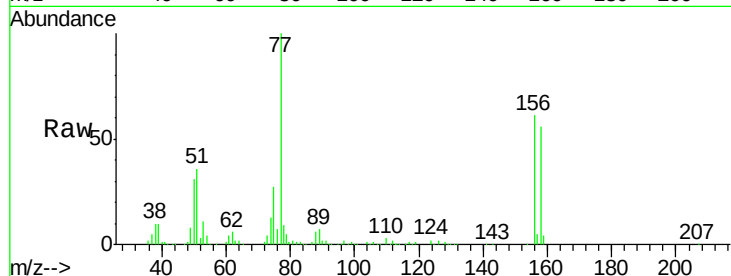
Tgt Ion:156 Resp: 59693

Ion Ratio Lower Upper

156 100

77 187.7 92.3 276.9

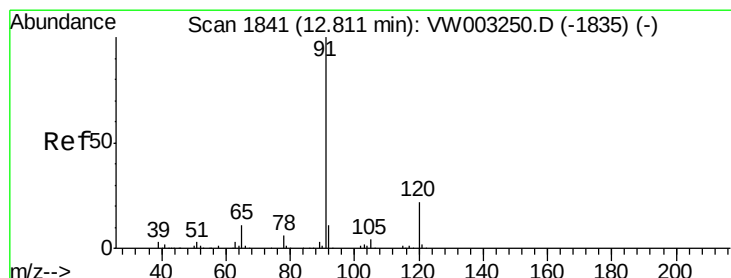
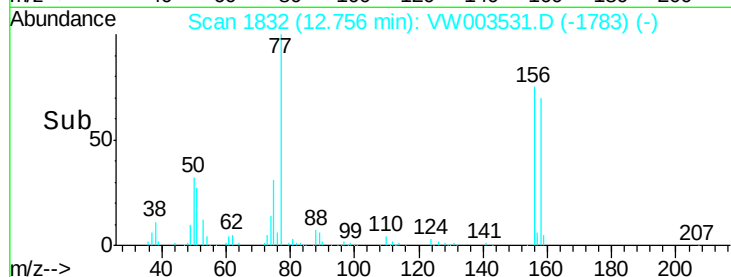
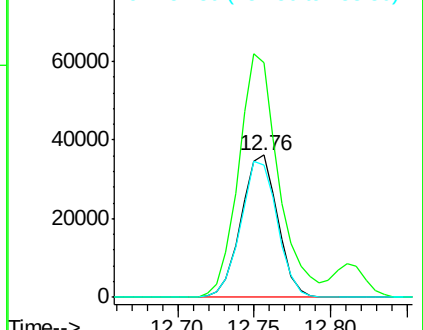
158 96.2 47.5 142.6



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: 20.663 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003531.D

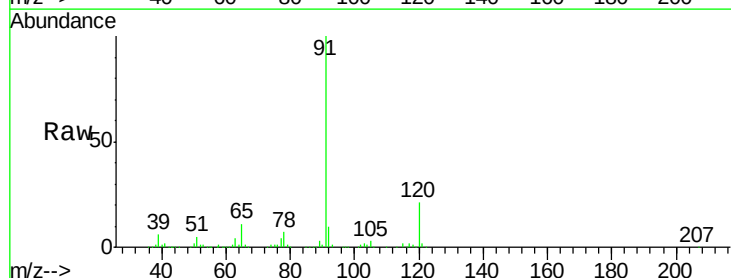
Acq: 25 Jun 2018 02:17

Tgt Ion: 91 Resp: 311315

Ion Ratio Lower Upper

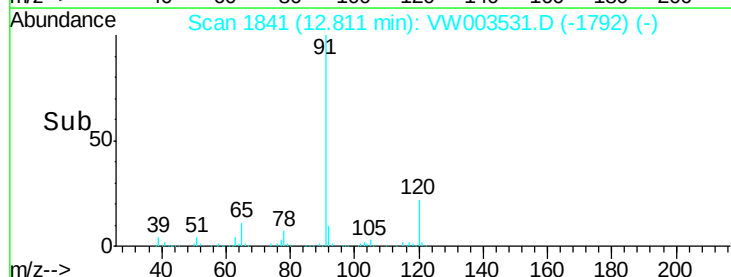
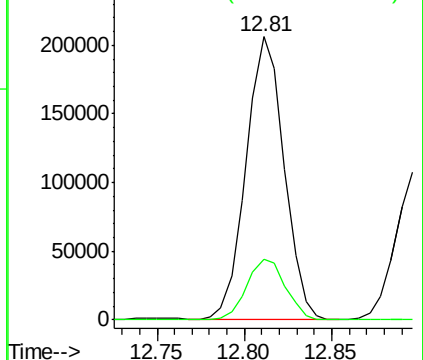
91 100

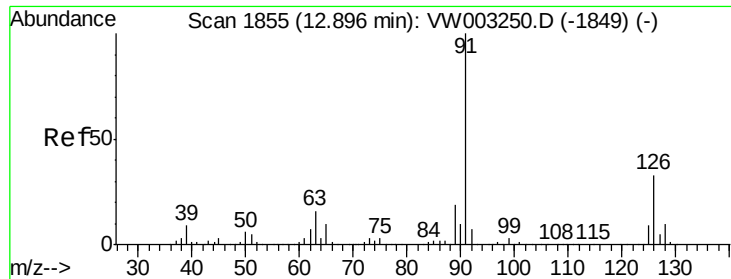
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

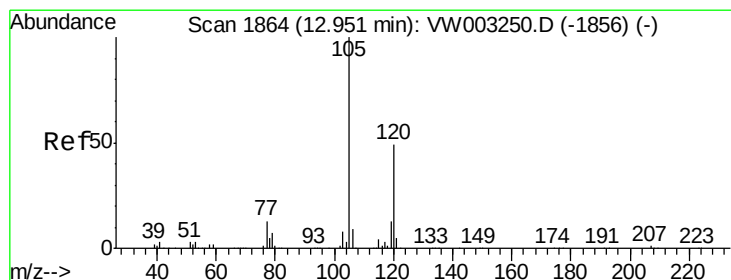
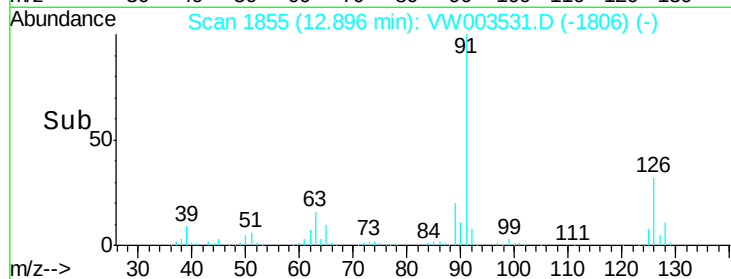
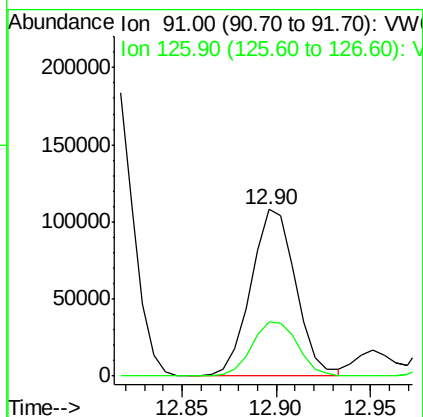
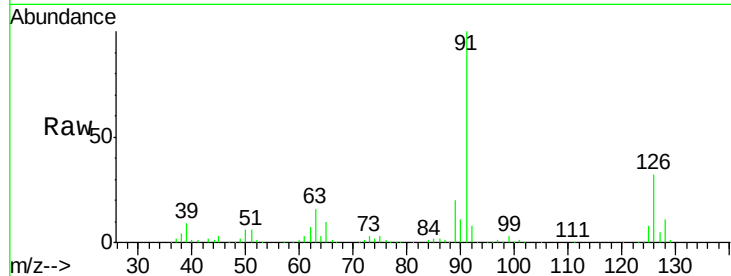




#79
 2-Chlorotoluene
 Concen: 20.853 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

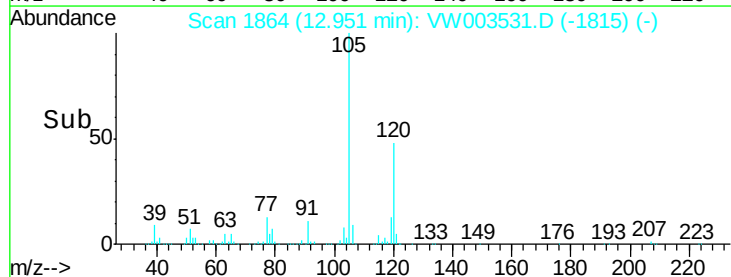
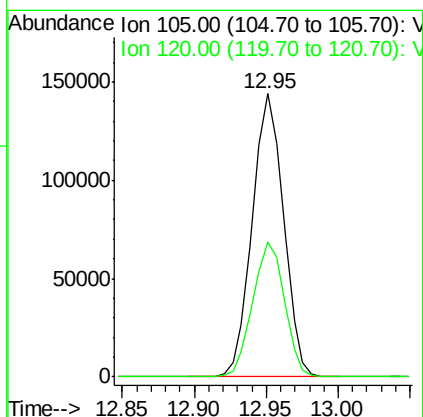
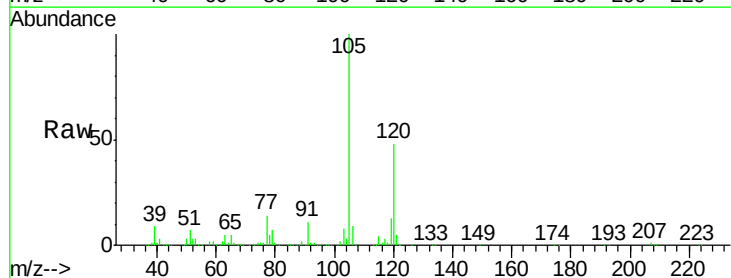
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

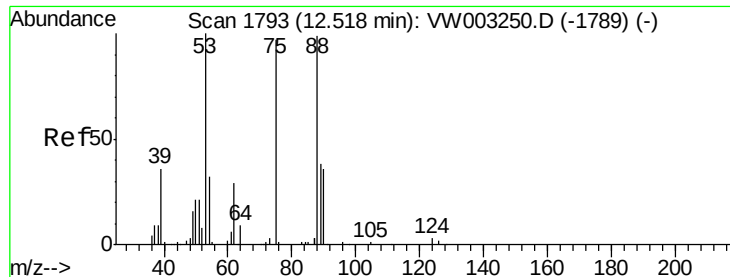
Tgt Ion: 91 Resp: 177546
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.879 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion: 105 Resp: 215638
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.252 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

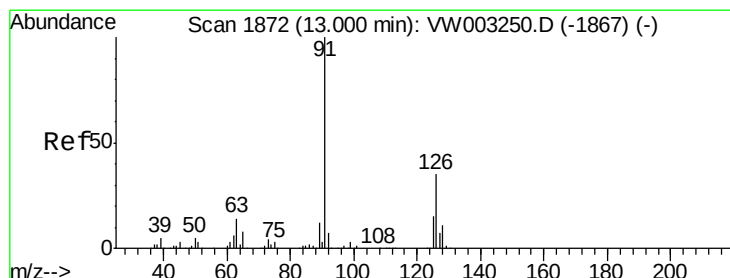
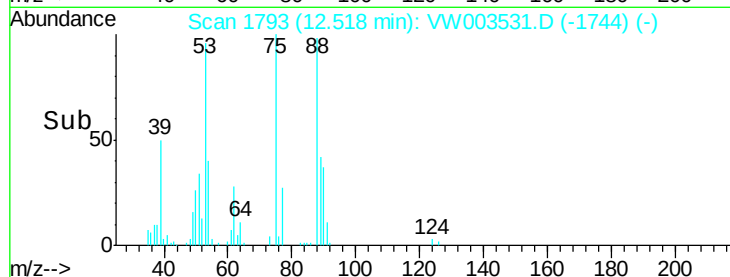
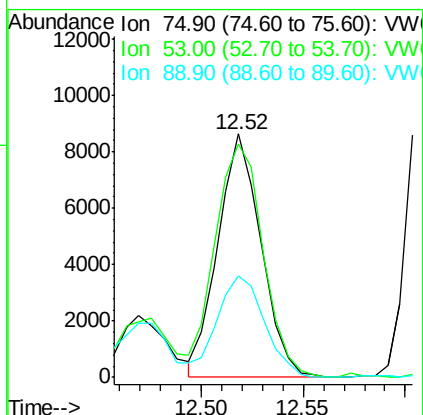
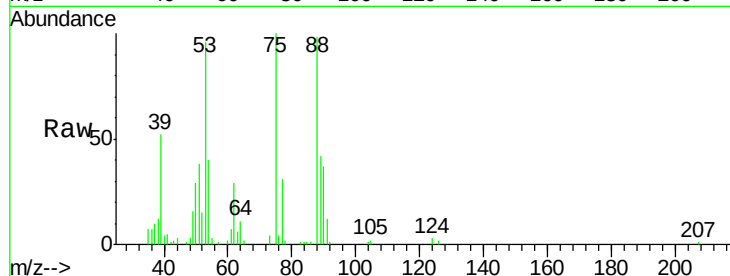
Tgt Ion: 75 Resp: 12653

Ion Ratio Lower Upper

75 100

53 106.3 82.9 124.3

89 46.0 36.7 55.1



#82

4-Chlorotoluene

Concen: 20.731 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003531.D

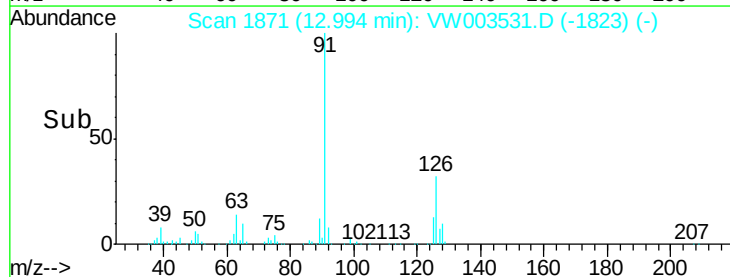
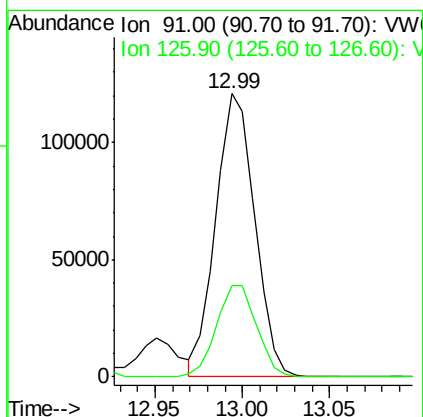
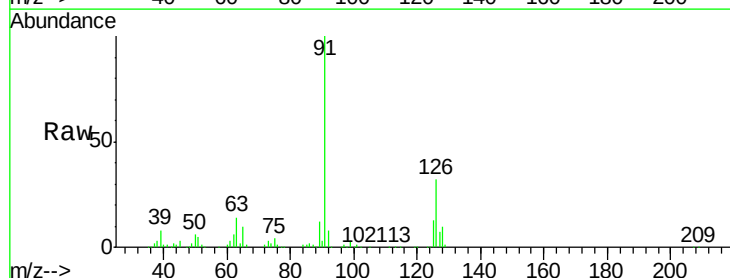
Acq: 25 Jun 2018 02:17

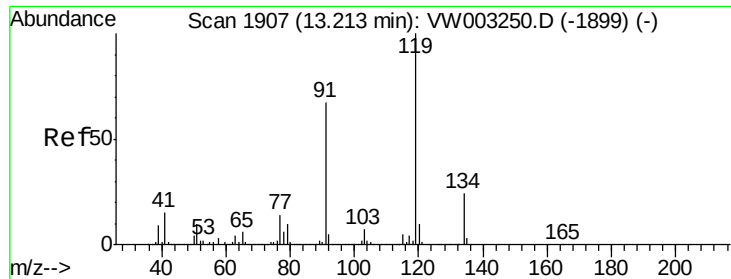
Tgt Ion: 91 Resp: 187242

Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.3

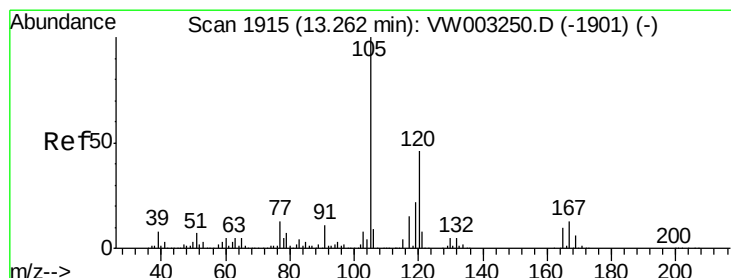
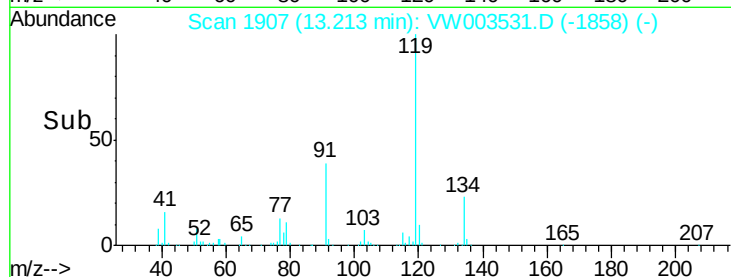
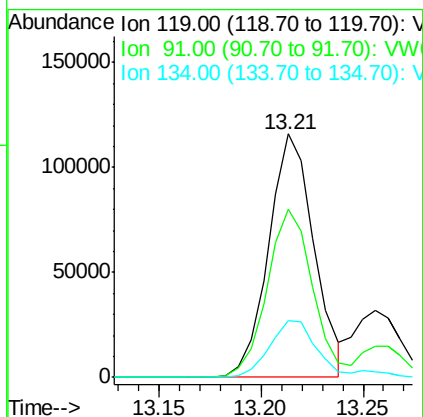
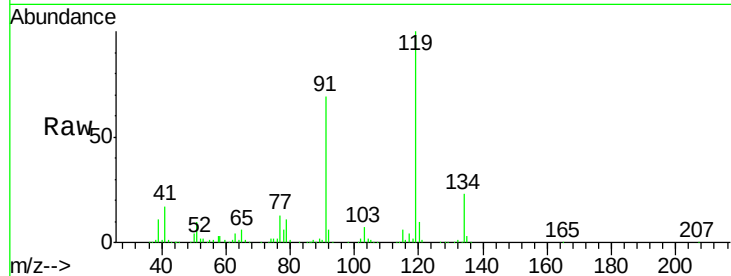




#83
 tert-Butylbenzene
 Concen: 20.445 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

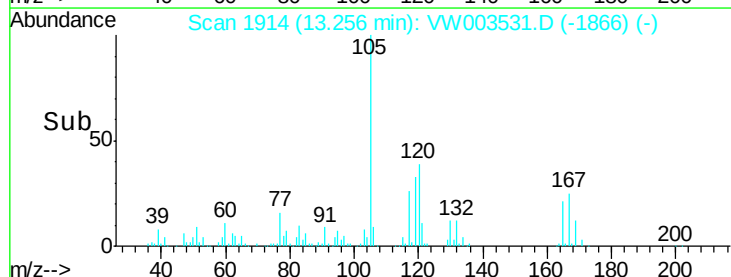
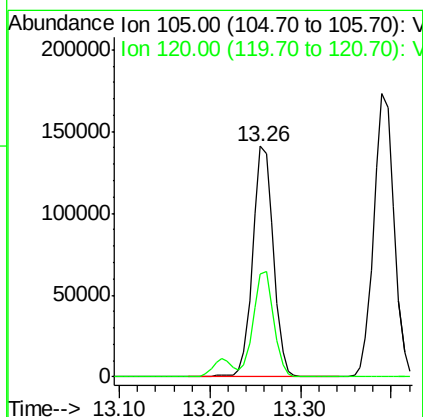
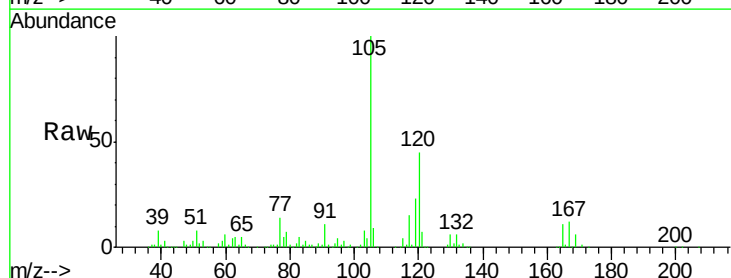
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

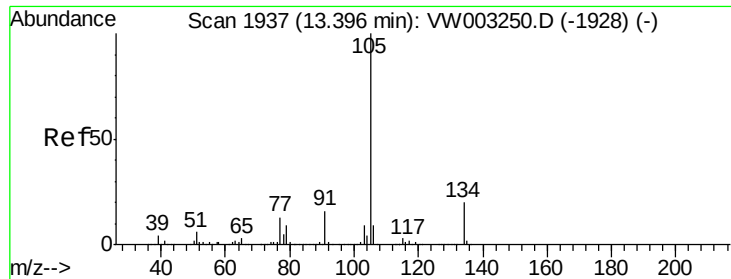
Tgt Ion:119 Resp: 179950
 Ion Ratio Lower Upper
 119 100
 91 69.6 33.9 101.7
 134 24.1 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.922 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion:105 Resp: 222269
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 20.464 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

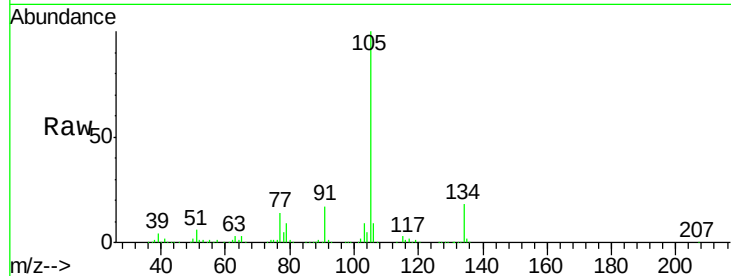
VW0624SBSD02

Tgt Ion:105 Resp: 267721

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

0

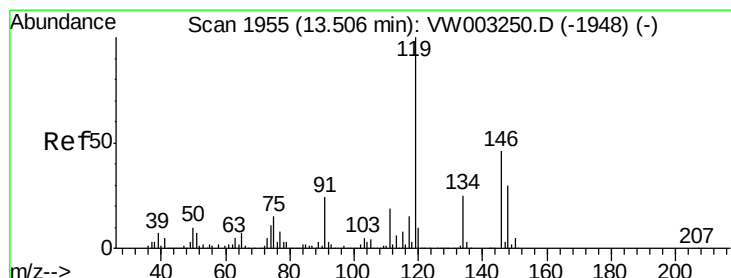
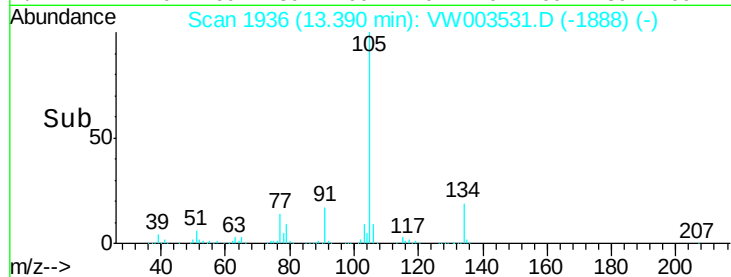
13.39

13.35

13.40

13.45

Time-->



#86

p-Isopropyltoluene

Concen: 20.125 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

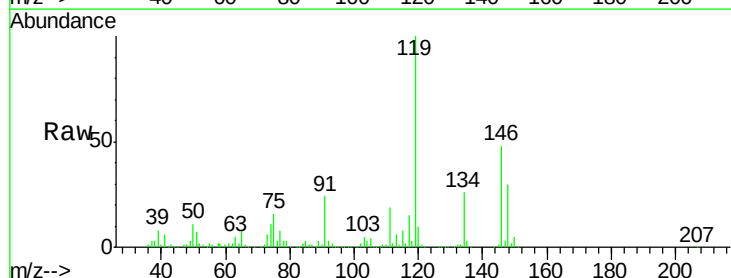
Tgt Ion:119 Resp: 232224

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 23.7 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

100000

50000

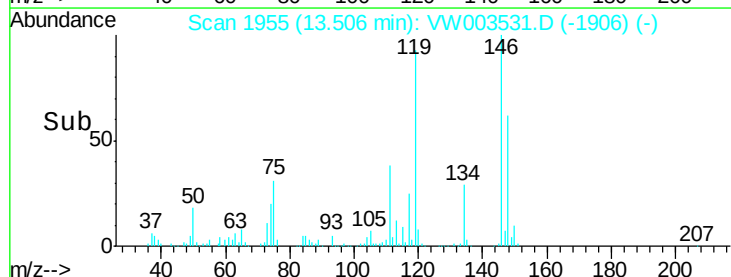
0

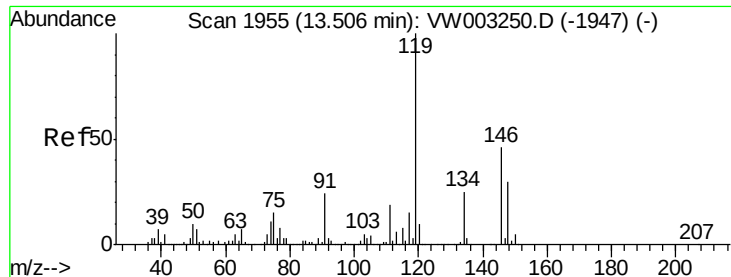
13.51

13.45

13.55

Time-->

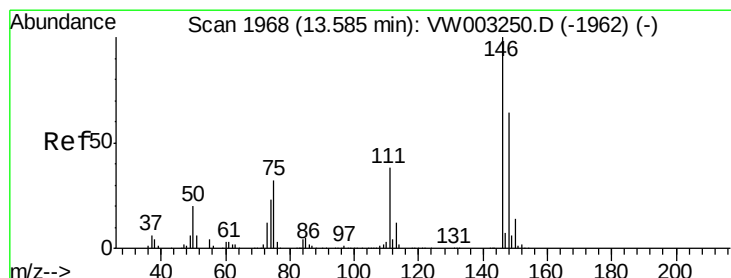
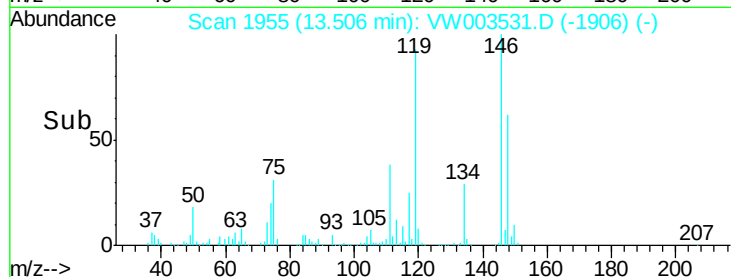
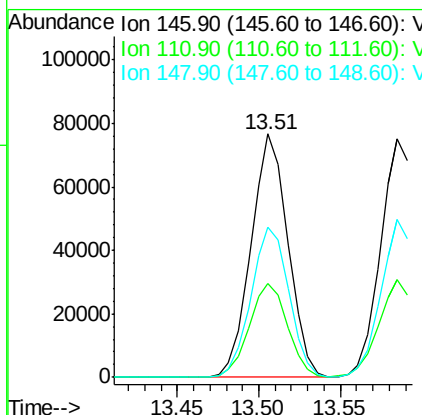
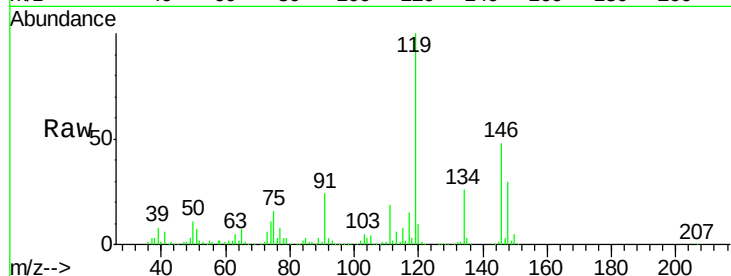




#87
 1,3-Dichlorobenzene
 Concen: 20.566 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

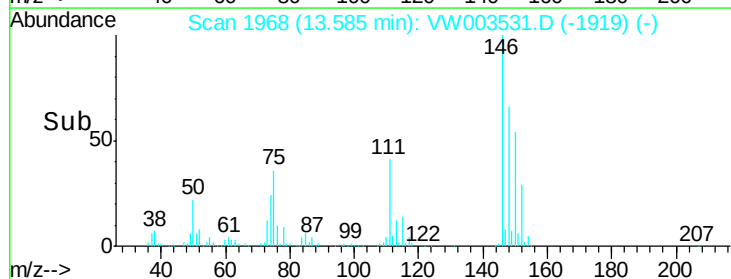
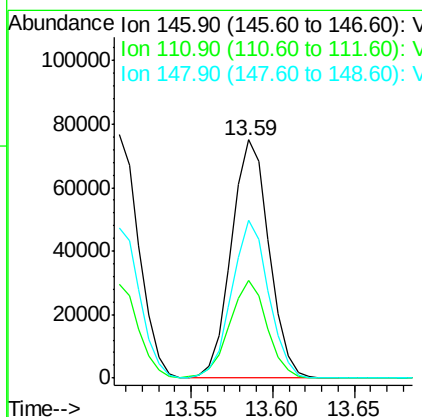
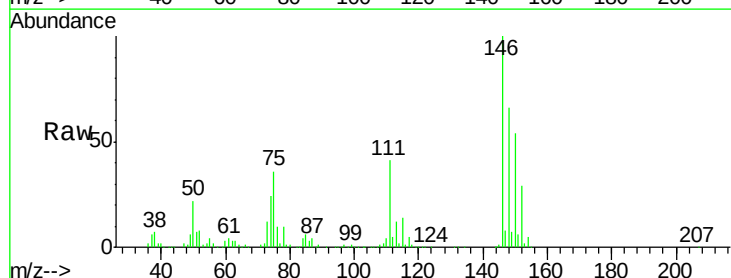
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

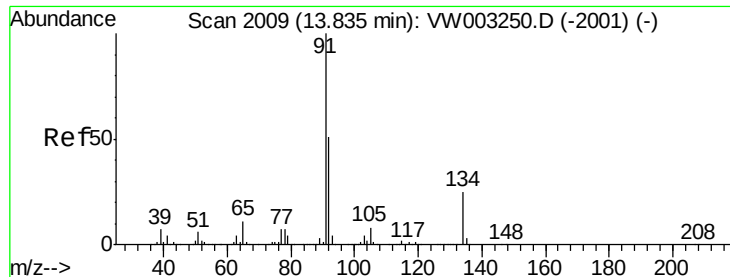
Tgt Ion:146 Resp: 121062
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.4
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.638 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion:146 Resp: 120779
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.2 57.6
 148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 19.979 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

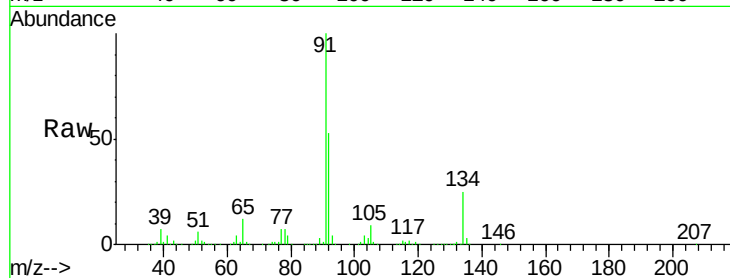
Tgt Ion: 91 Resp: 224719

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

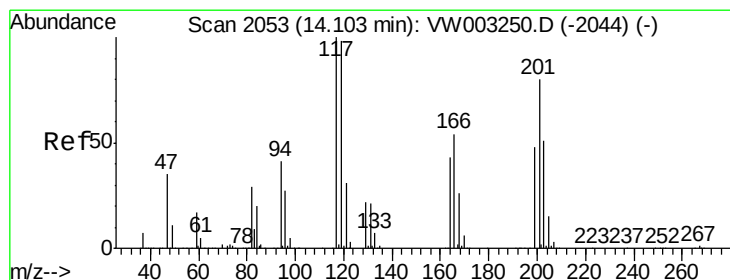
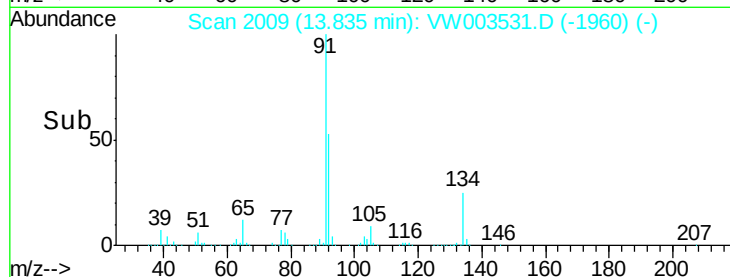
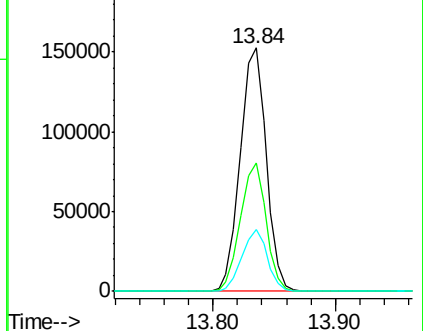
134 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.224 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003531.D

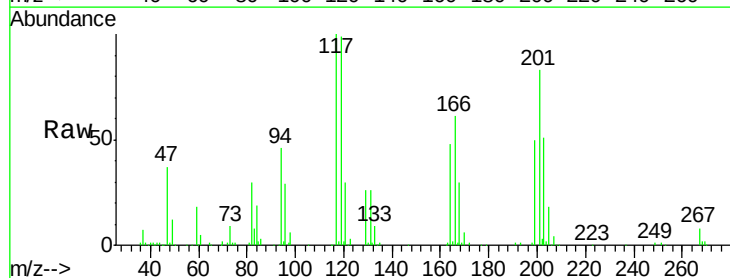
Acq: 25 Jun 2018 02:17

Tgt Ion: 117 Resp: 42214

Ion Ratio Lower Upper

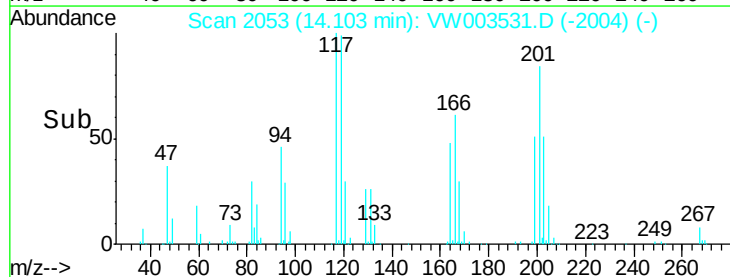
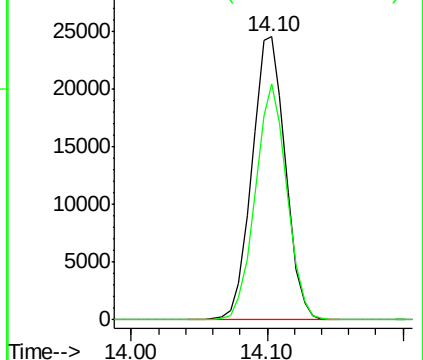
117 100

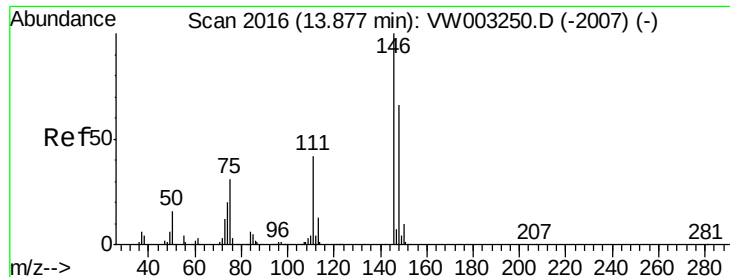
201 79.1 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.201 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

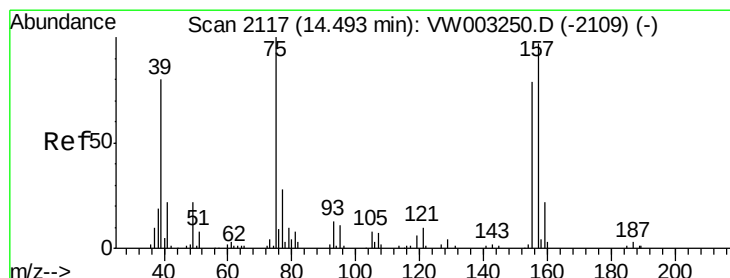
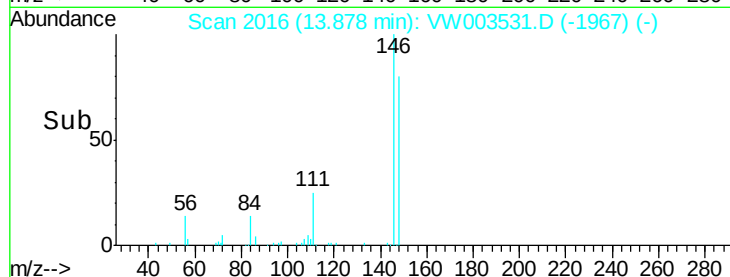
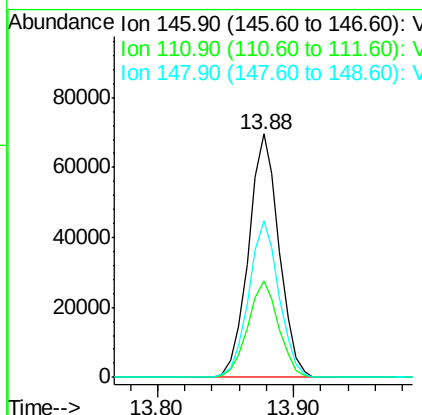
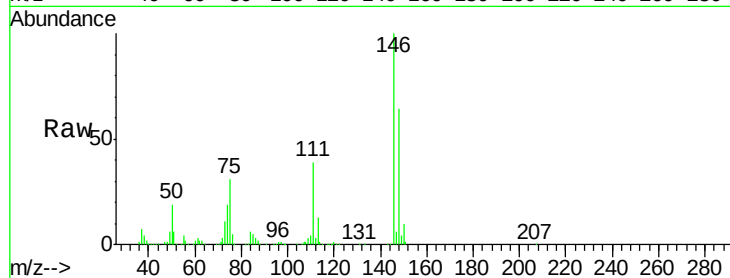
Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tgt Ion:	146	Resp:	109325
Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	61.0
148	63.6	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.020 ug/l

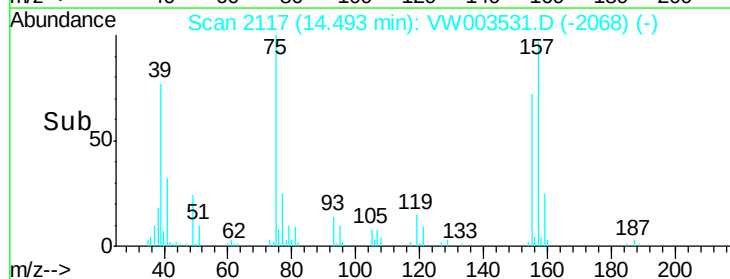
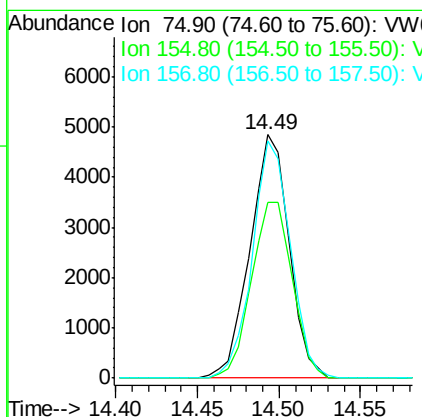
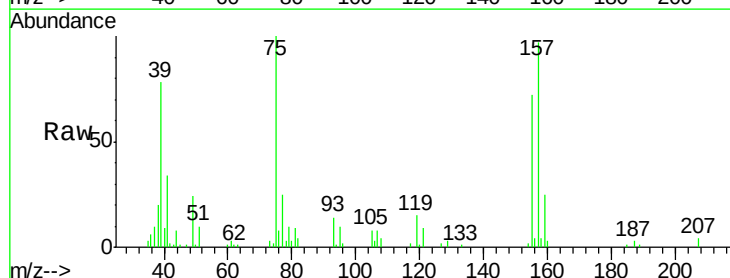
RT: 14.49 min Scan# 2117

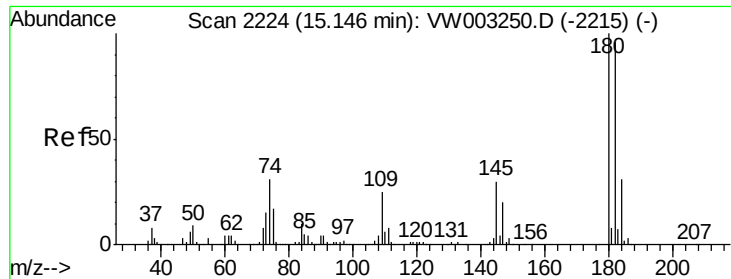
Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion:	75	Resp:	8064
Ion	Ratio	Lower	Upper
75	100		
155	75.5	39.4	118.2
157	94.7	51.5	154.5

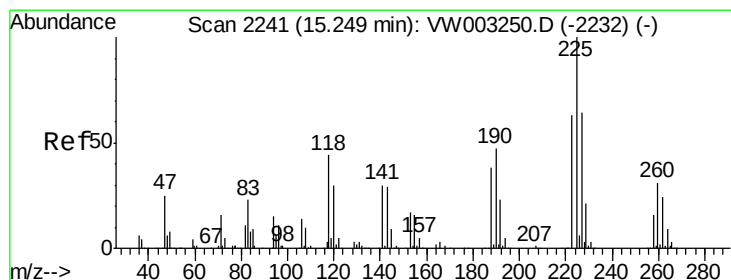
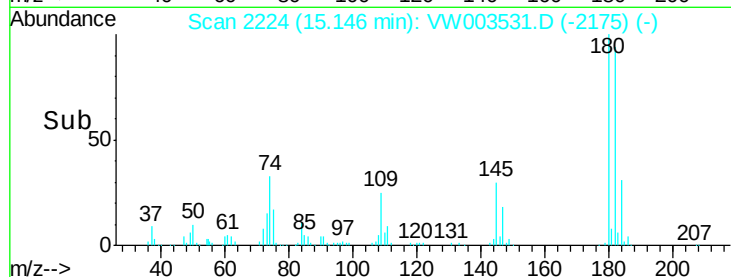
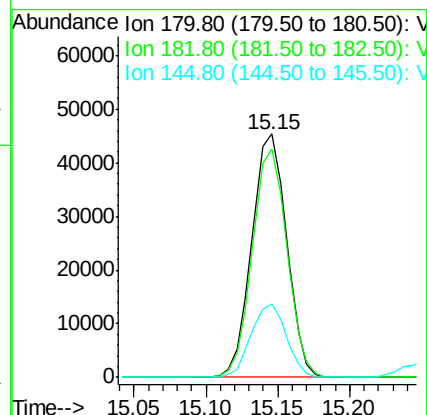
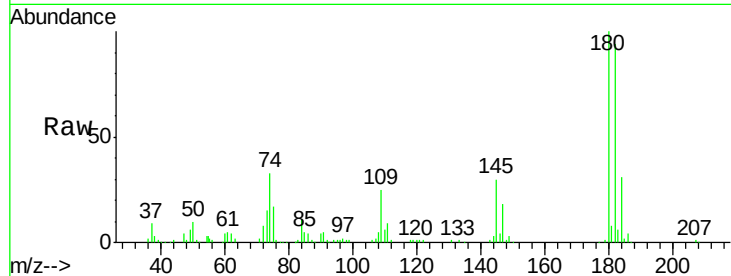




#93
1,2,4-Trichlorobenzene
Concen: 20.933 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

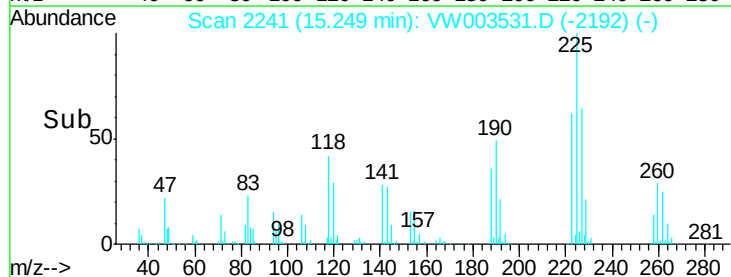
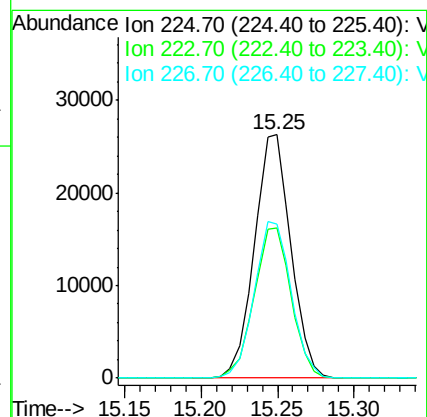
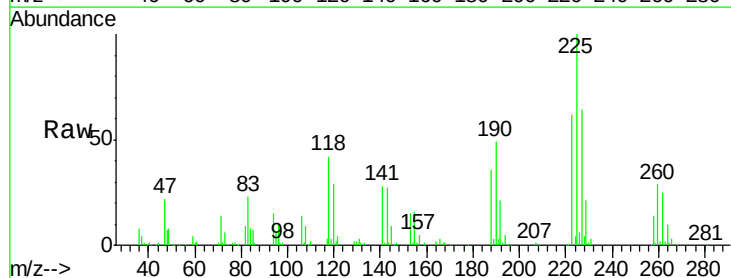
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

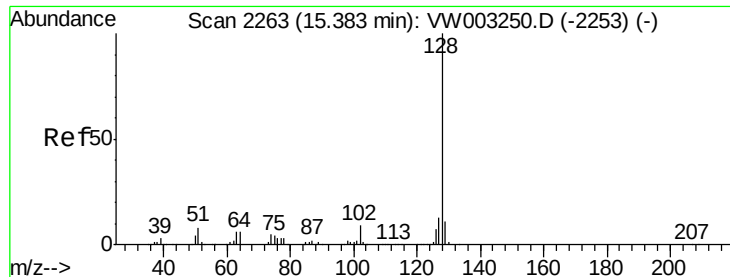
Tgt Ion:180 Resp: 75776
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.6
145 30.4 15.2 45.5



#94
Hexachlorobutadiene
Concen: 20.028 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion:225 Resp: 43610
Ion Ratio Lower Upper
225 100
223 62.9 30.6 92.0
227 65.1 31.7 95.1





#95

Naphthalene

Concen: 21.674 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

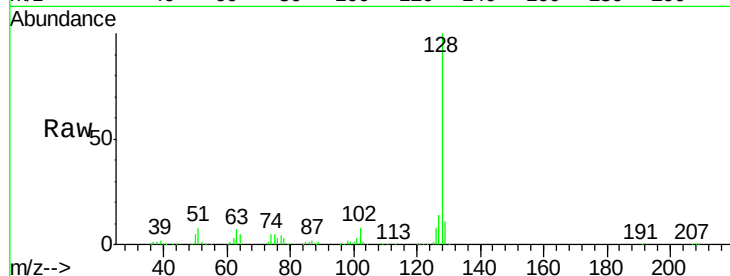
Tgt Ion:128 Resp: 133088

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

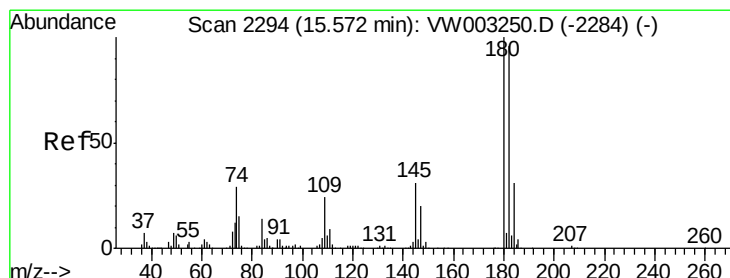
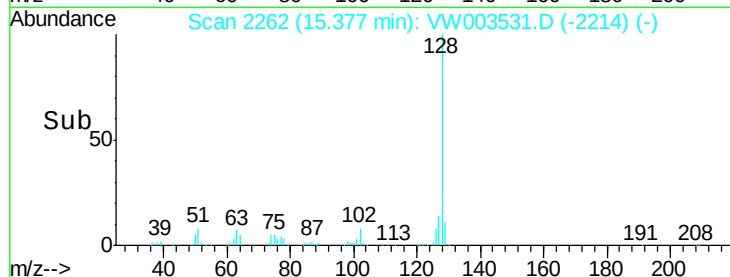
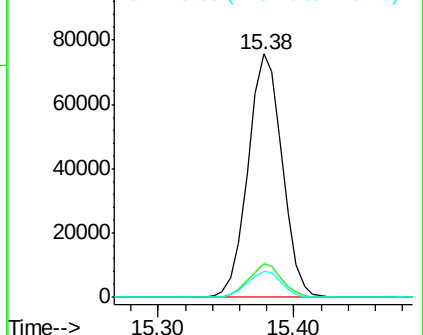
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.086 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

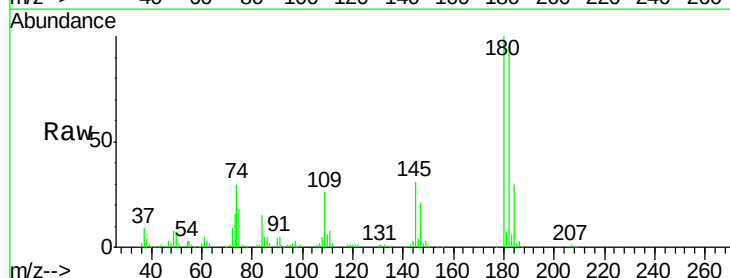
Tgt Ion:180 Resp: 67187

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.6

145 31.9 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

