

Data File : VW003524.D
Acq On : 24 Jun 2018 21:06
Operator : SY/AP
Sample : J3669-26
Misc : 6.34G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

Quant Time: Jun 24 23:32:33 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	176449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	302273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131664	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110559	57.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.70%	
35) Dibromofluoromethane	7.88	113	96525	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.33	98	349183	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
62) 4-Bromofluorobenzene	12.62	95	133403	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds						Qvalue
3) Chloromethane	2.36	50	8476	6.289	ug/l #	48
4) Vinyl Chloride	2.36	62	1228349	625.167	ug/l	99
11) Tert butyl alcohol	5.23	59	765	7.463	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	134316	84.090	ug/l	97
14) Allyl chloride	4.90	41	10193	3.684	ug/l #	41
15) Acrylonitrile	5.42	53	476	1.338	ug/l #	26
16) Acetone	4.15	43	58400	145.694	ug/l	100
17) Carbon Disulfide	4.37	76	13754	2.913	ug/l	99
18) Methyl Acetate	4.68	43	2593	2.727	ug/l	95
20) Methylene Chloride	4.91	84	23017	10.627	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	34034	19.578	ug/l	99
24) 1,1-Dichloroethane	6.21	63	23150	7.003	ug/l	98
25) 2-Butanone	7.18	43	5359	10.752	ug/l #	1
28) Bromochloromethane	7.68	49	1936	1.407	ug/l #	15
29) Tetrahydrofuran	7.54	42	1285	4.218	ug/l	88
30) Chloroform	7.68	83	20327	6.036	ug/l	97
31) Cyclohexane	7.95	56	33422	10.822	ug/l #	92
36) 1,1-Dichloropropene	7.95	75	14266	4.887	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17348	6.058	ug/l #	17
39) Methylcyclohexane	9.34	83	59445	17.599	ug/l	96
40) Benzene	8.33	78	104323	12.965	ug/l	100
41) Methacrylonitrile	7.54	41	895	1.206	ug/l #	44
43) Isopropyl Acetate	8.48	43	55454	23.093	ug/l #	53
45) 1,2-Dichloropropane	9.10	63	102191	49.880	ug/l #	1
48) Methyl methacrylate	9.47	41	6299	5.582	ug/l #	31
51) 4-Methyl-2-Pentanone	10.26	43	5117	4.182	ug/l #	84
52) Toluene	10.39	92	40076	7.767	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	20247	13.698	ug/l	92
56) Ethyl methacrylate	10.67	69	3181	1.772	ug/l #	4
59) 2-Hexanone	10.84	43	10132	11.853	ug/l	70
60) Dibromochloromethane	10.87	129	7797	4.436	ug/l #	10
64) Tetrachloroethene	10.87	164	8969	5.011	ug/l	99
65) Chlorobenzene	11.66	112	147825	26.526	ug/l	99
67) Ethyl Benzene	11.74	91	23753	2.404	ug/l	99

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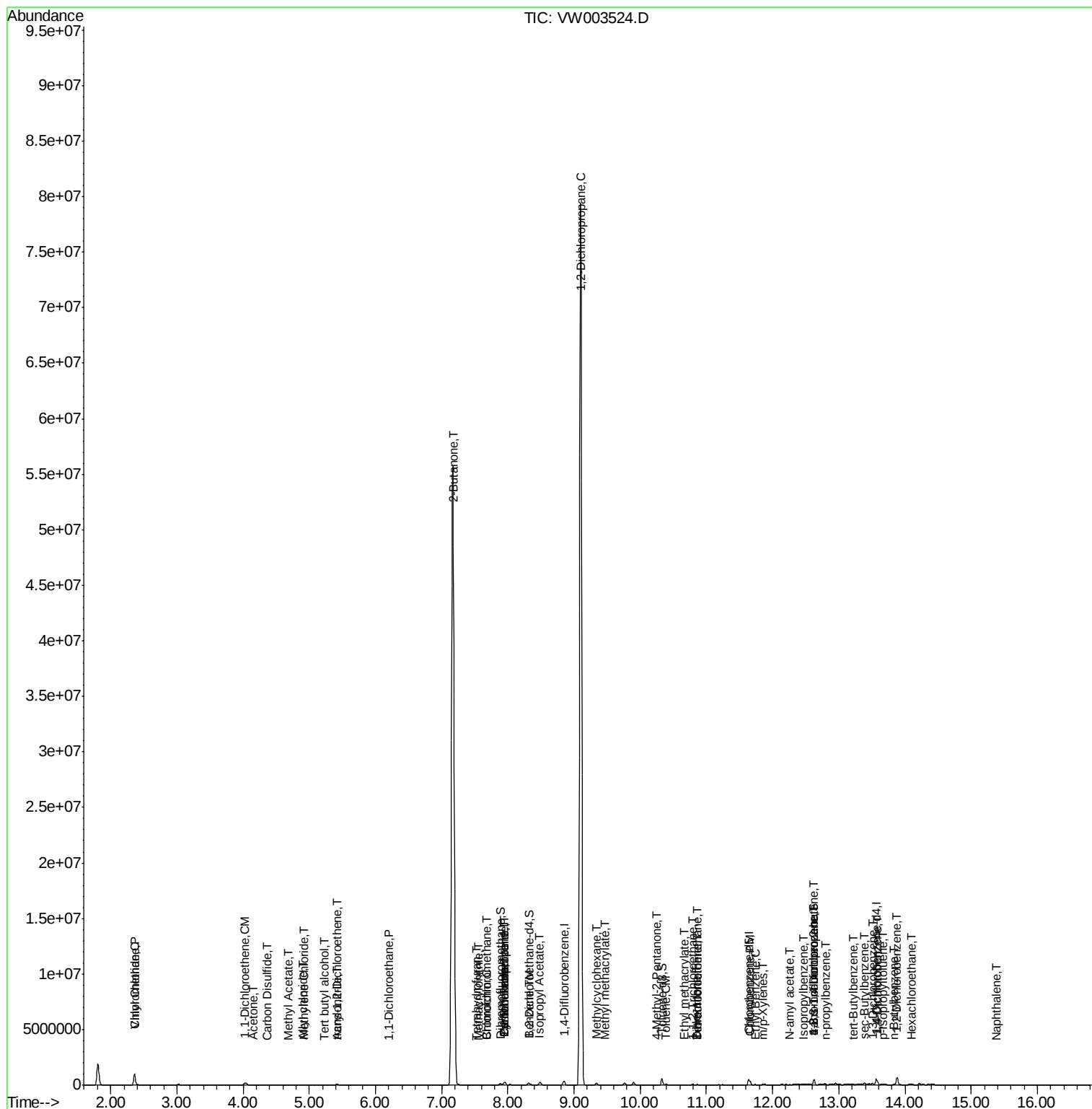
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	11.85	106	7106	1.892	ug/l	100
73) Isopropylbenzene	12.47	105	24798	2.708	ug/l	98
74) N-amyl acetate	12.26	43	10041	4.817	ug/l #	45
76) 1,2,3-Trichloropropane	12.62	75	72052	64.014	ug/l #	100
78) n-propylbenzene	12.81	91	15920	1.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72052	147.299	ug/l #	9
83) tert-Butylbenzene	13.21	119	22820	3.484	ug/l	97
85) sec-Butylbenzene	13.39	105	58134	5.970	ug/l #	61
86) p-Isopropyltoluene	13.66	119	24828	2.891	ug/l	92
87) 1,3-Dichlorobenzene	13.51	146	44003	10.043	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	88101	20.227	ug/l	97
89) n-Butylbenzene	13.83	91	20734	2.477	ug/l	95
90) Hexachloroethane	14.10	117	1785	1.149	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	225376	58.724	ug/l	99
95) Naphthalene	15.38	128	9394	2.055	ug/l #	91

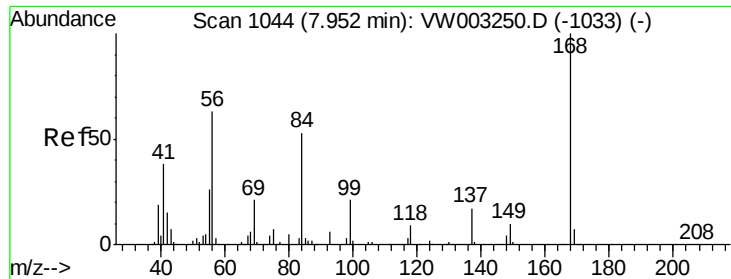
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

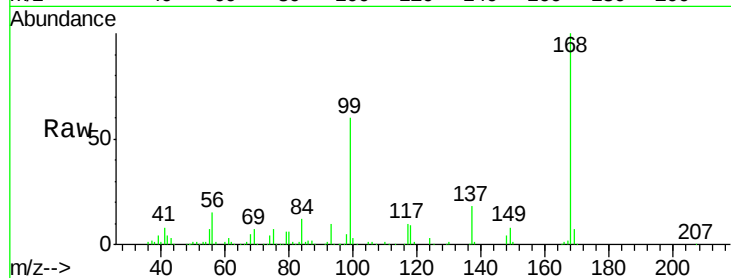
DUP-0479-180620

Tgt Ion:168 Resp: 176449

Ion Ratio Lower Upper

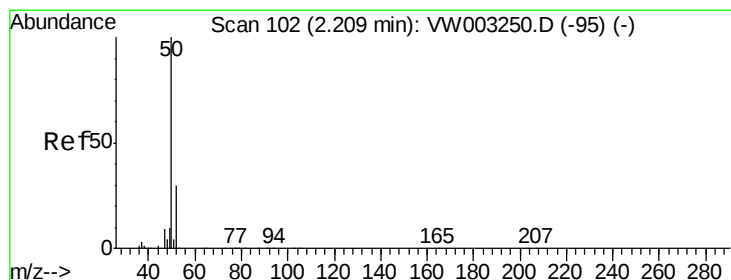
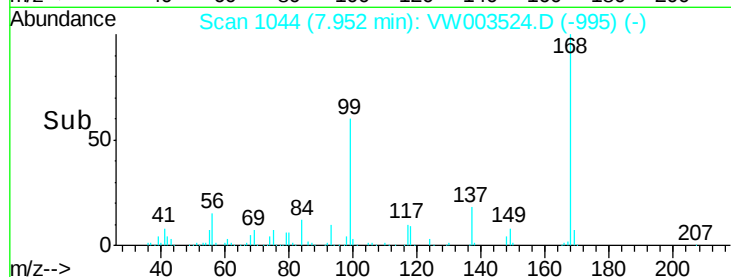
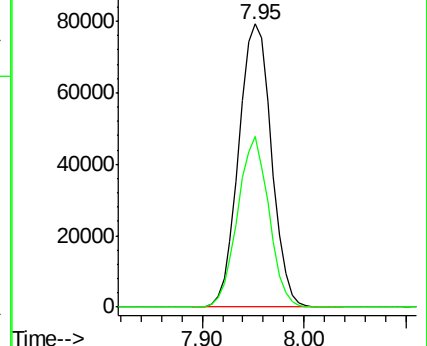
168 100

99 60.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 6.289 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.15 min

Lab File: VW003524.D

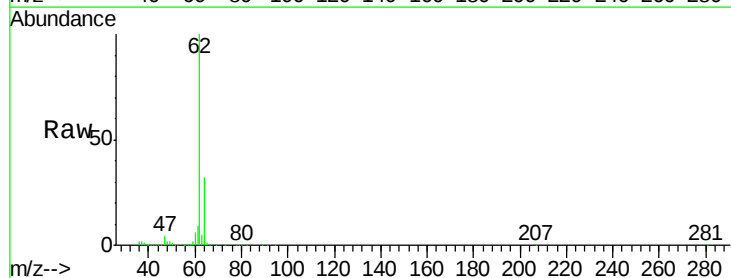
Acq: 24 Jun 2018 21:06

Tgt Ion: 50 Resp: 8476

Ion Ratio Lower Upper

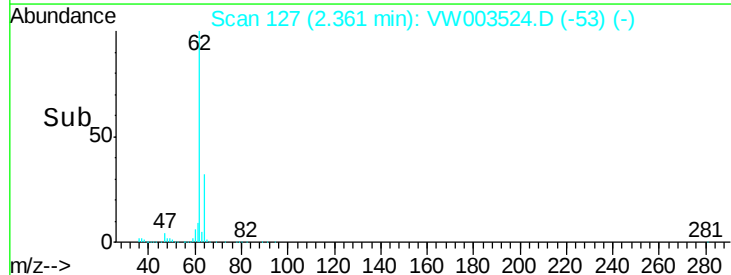
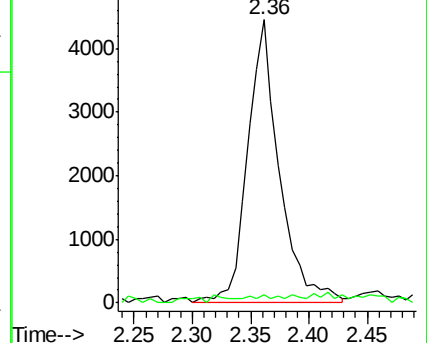
50 100

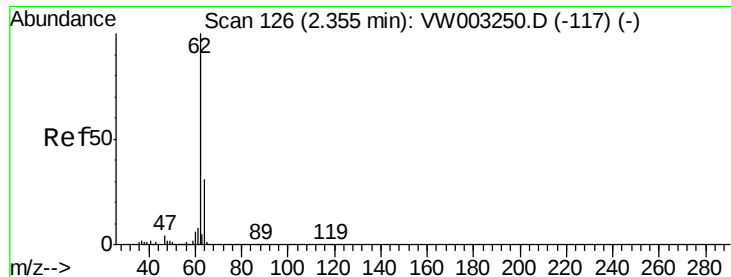
52 1.7 24.2 36.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#4

Vinyl Chloride

Concen: 625.167 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

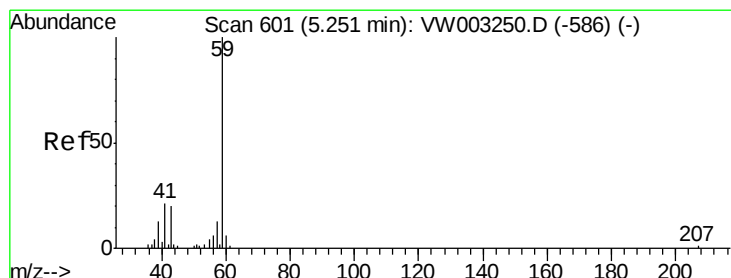
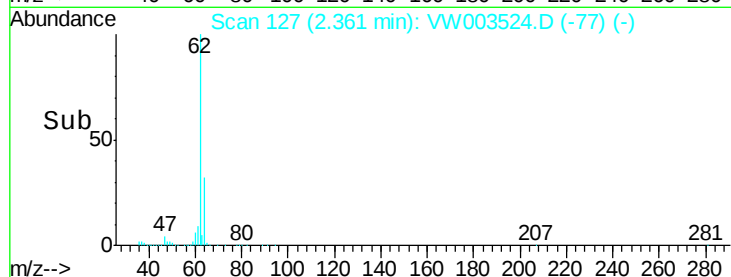
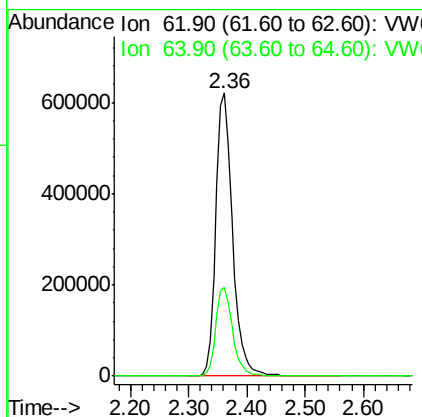
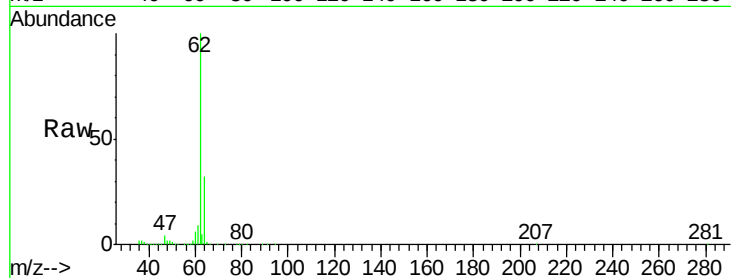
DUP-0479-180620

Tgt Ion: 62 Resp: 1228349

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3



#11

Tert butyl alcohol

Concen: 7.463 ug/l

RT: 5.23 min Scan# 597

Delta R.T. -0.02 min

Lab File: VW003524.D

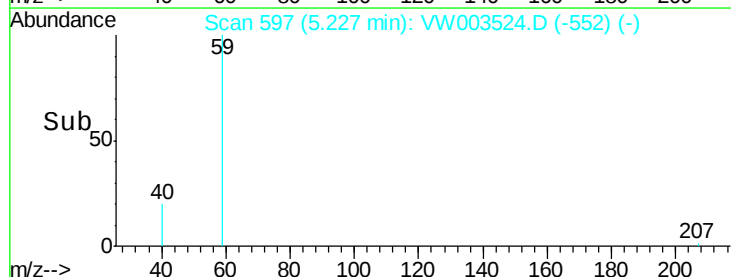
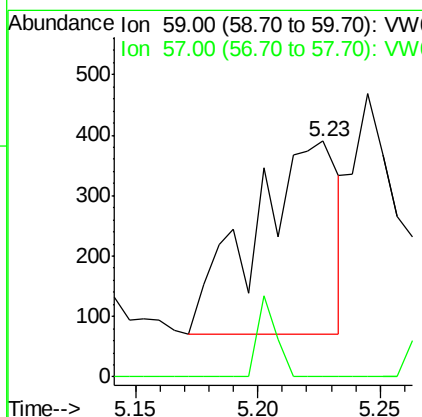
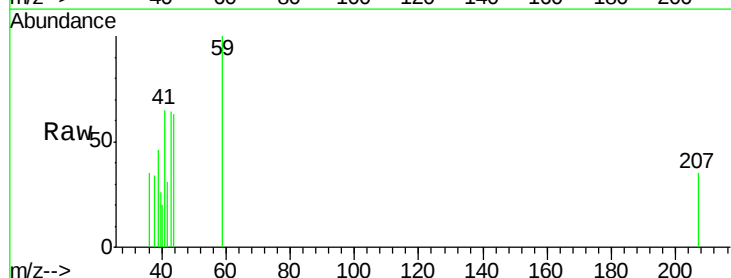
Acq: 24 Jun 2018 21:06

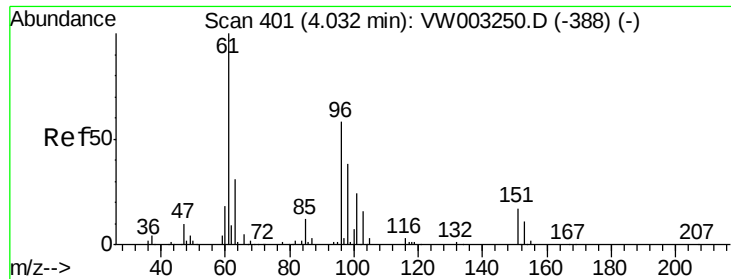
Tgt Ion: 59 Resp: 765

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#

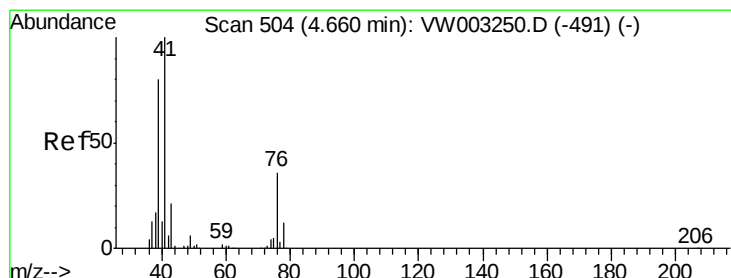
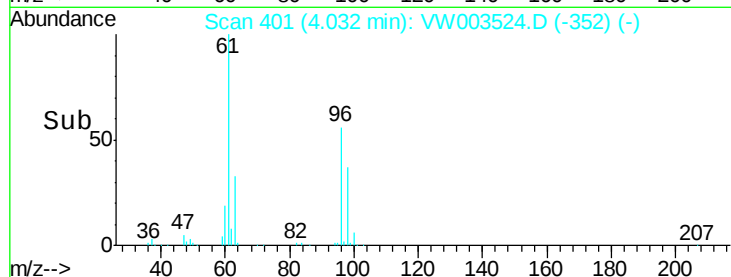
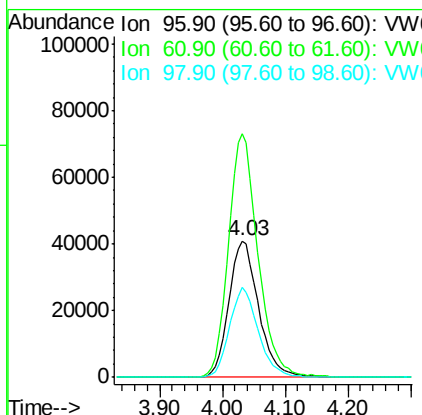
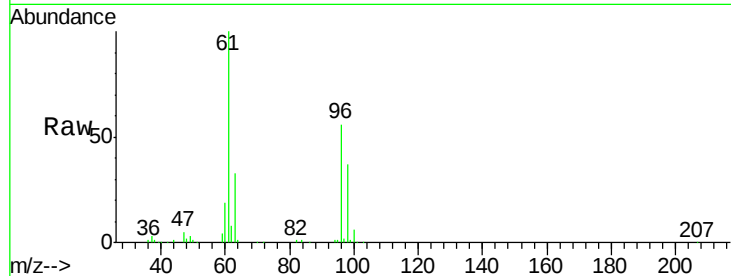




#12
 1,1-Dichloroethene
 Concen: 84.090 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

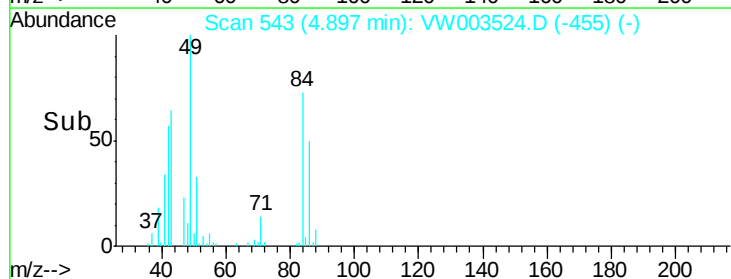
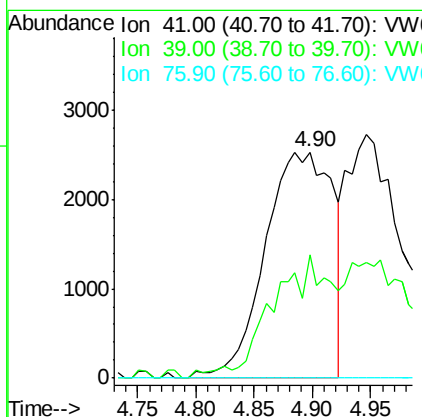
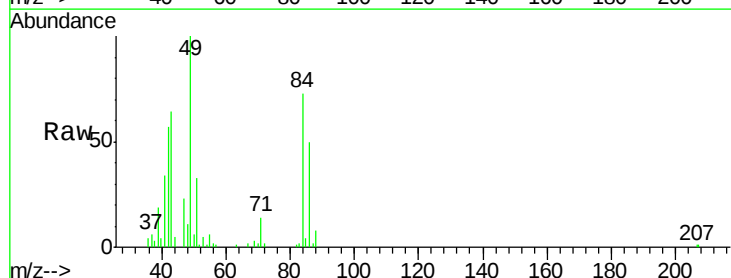
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0479-180620

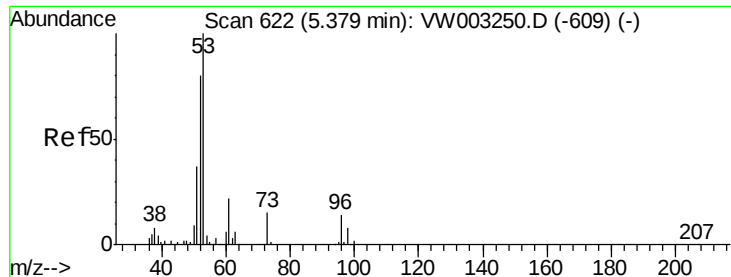
Tgt Ion: 96 Resp: 134316
 Ion Ratio Lower Upper
 96 100
 61 178.7 139.0 208.4
 98 66.1 53.3 79.9



#14
 Allyl chloride
 Concen: 3.684 ug/l
 RT: 4.90 min Scan# 543
 Delta R.T. 0.24 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

Tgt Ion: 41 Resp: 10193
 Ion Ratio Lower Upper
 41 100
 39 27.8 63.2 94.8#
 76 0.0 28.0 42.0#





#15

Acrylonitrile

Concen: 1.338 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.04 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

DUP-0479-180620

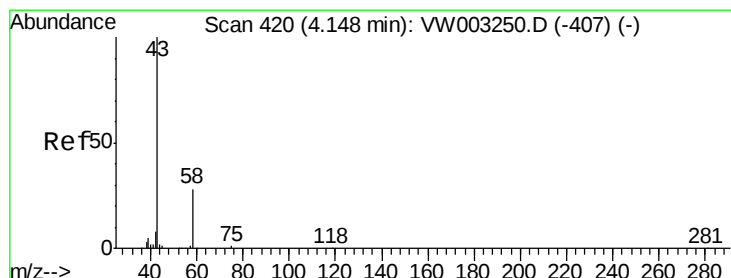
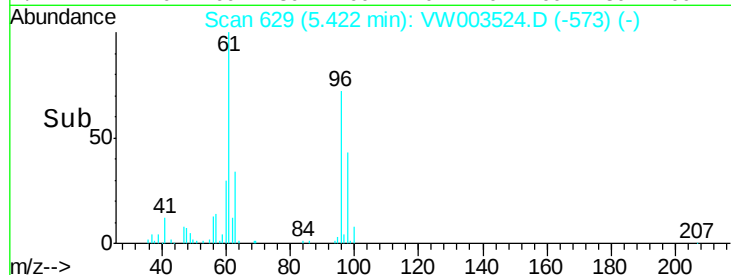
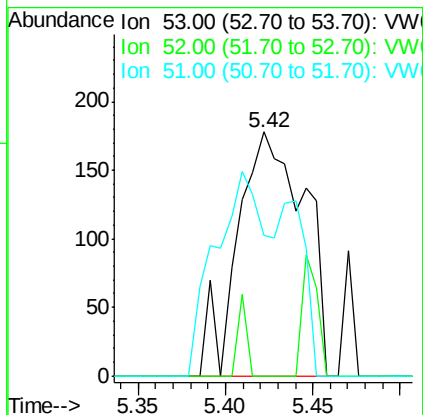
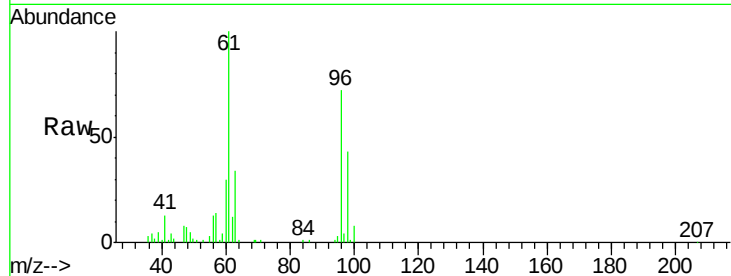
Tgt Ion: 53 Resp: 476

Ion Ratio Lower Upper

53 100

52 4.6 66.6 100.0#

51 65.5 30.6 46.0#



#16

Acetone

Concen: 145.694 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003524.D

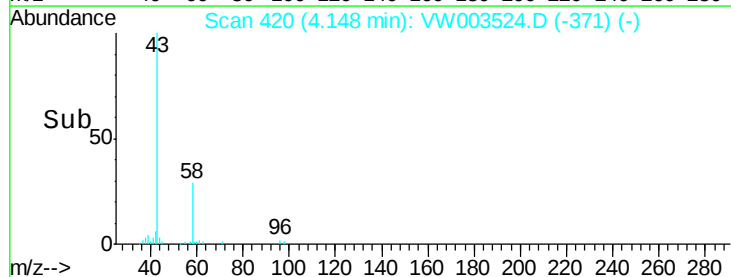
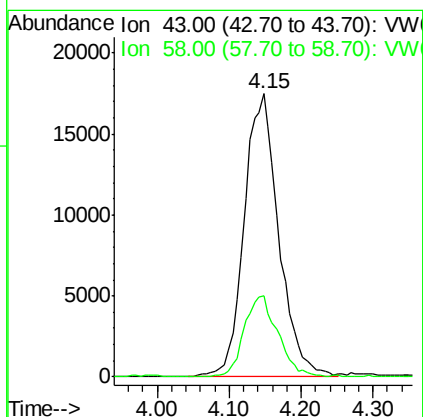
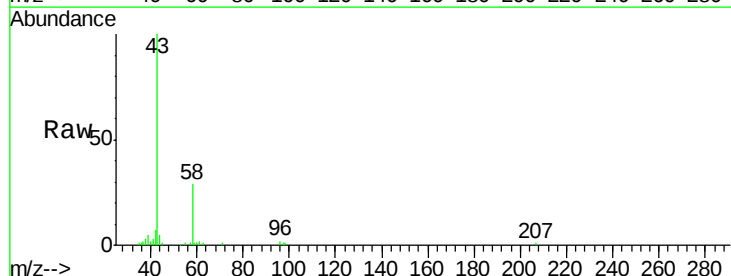
Acq: 24 Jun 2018 21:06

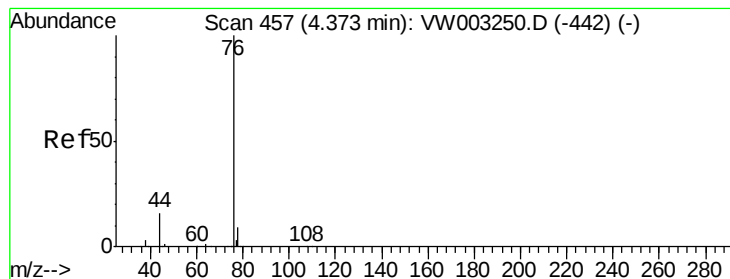
Tgt Ion: 43 Resp: 58400

Ion Ratio Lower Upper

43 100

58 28.5 22.6 34.0





#17

Carbon Disulfide

Concen: 2.913 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

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ClientSampleId :

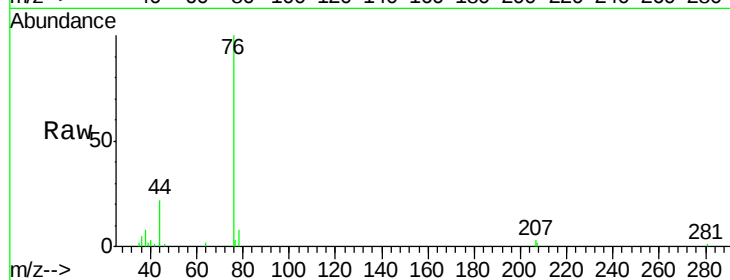
DUP-0479-180620

Tgt Ion: 76 Resp: 13754

Ion Ratio Lower Upper

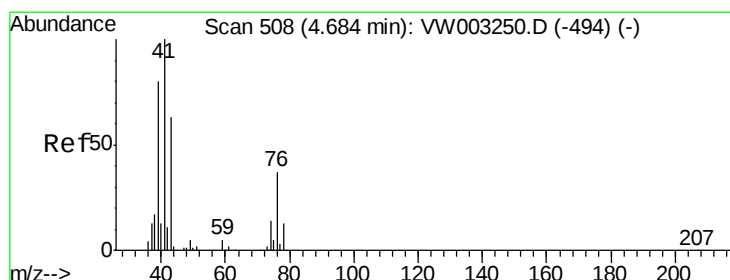
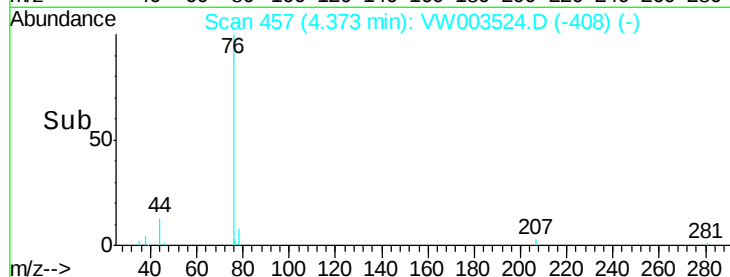
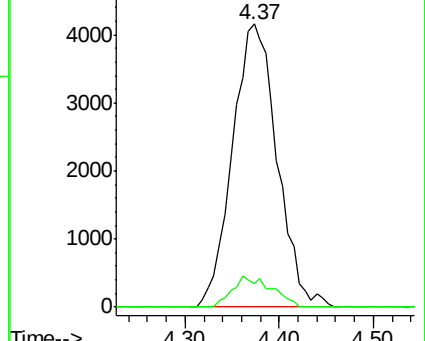
76 100

78 8.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 2.727 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003524.D

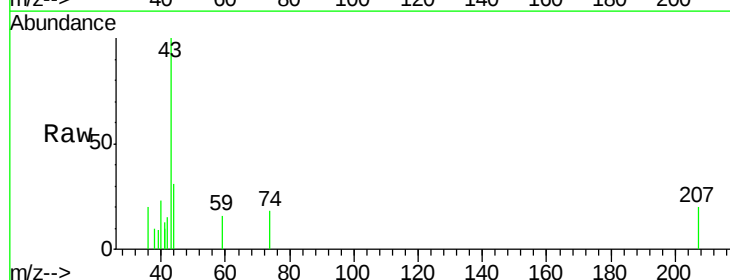
Acq: 24 Jun 2018 21:06

Tgt Ion: 43 Resp: 2593

Ion Ratio Lower Upper

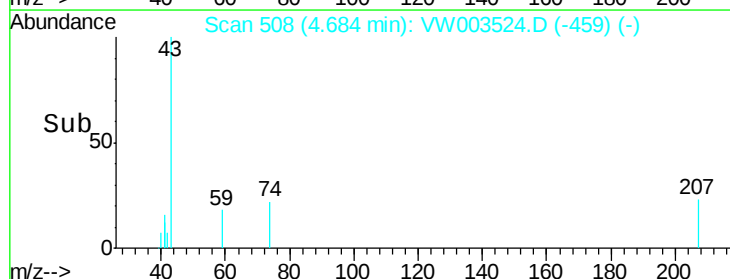
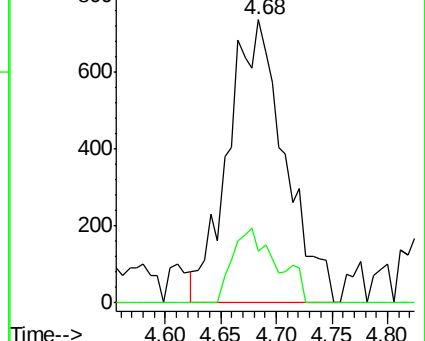
43 100

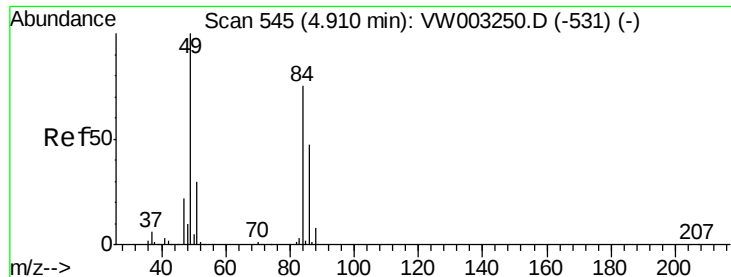
74 20.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

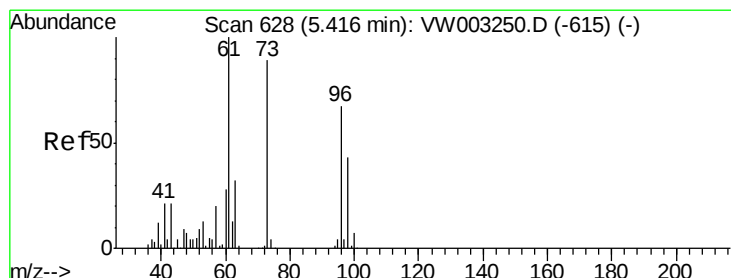
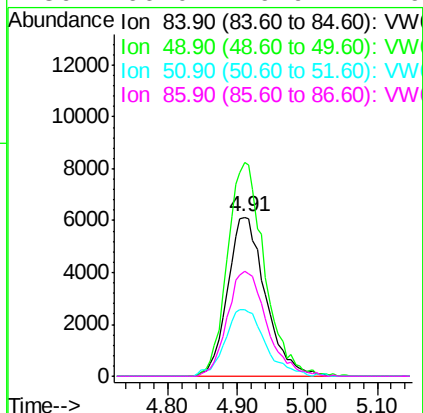
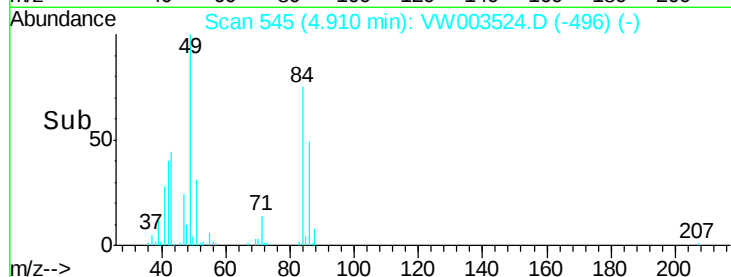
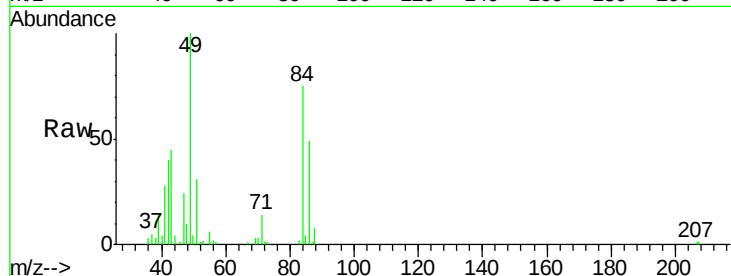




#20
Methylene Chloride
Concen: 10.627 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

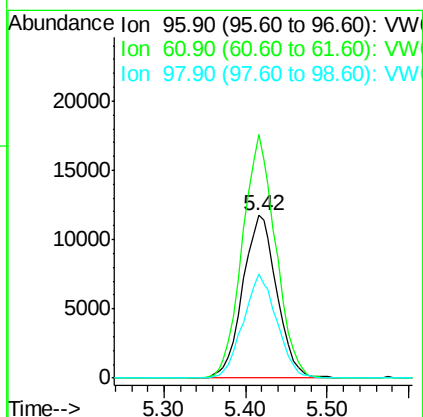
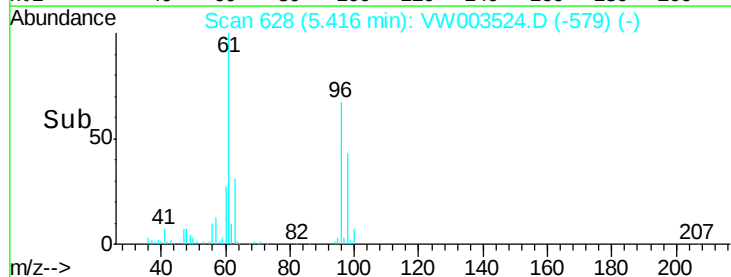
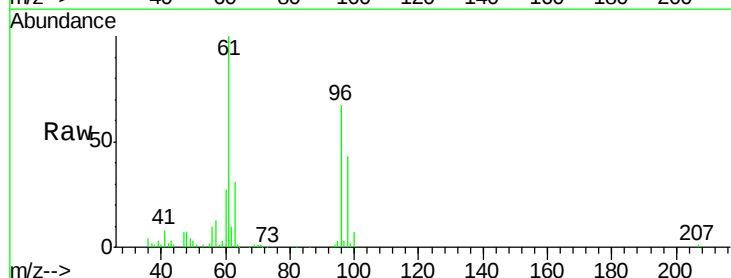
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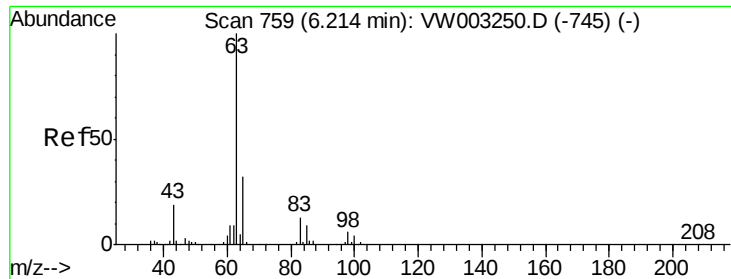
Tgt Ion: 84 Resp: 23017
Ion Ratio Lower Upper
84 100
49 134.2 106.3 159.5
51 41.5 32.0 48.0
86 66.0 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 19.578 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion: 96 Resp: 34034
Ion Ratio Lower Upper
96 100
61 149.5 118.7 178.1
98 63.7 51.0 76.6





#24

1,1-Dichloroethane

Concen: 7.003 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

DUP-0479-180620

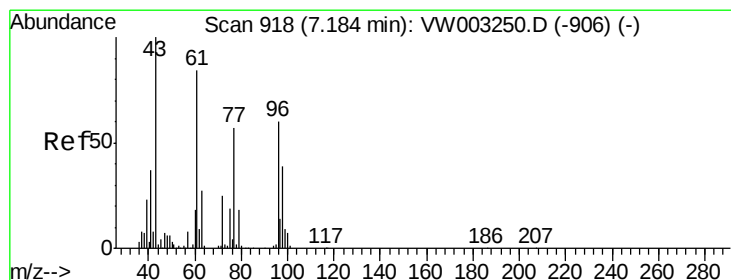
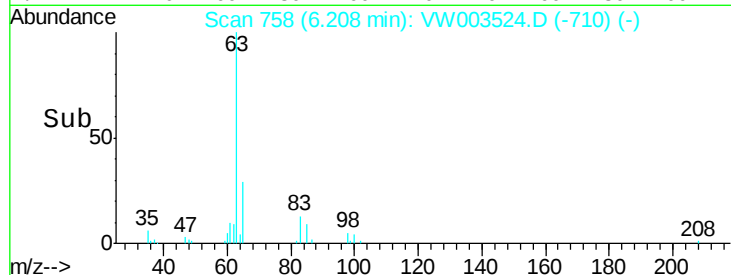
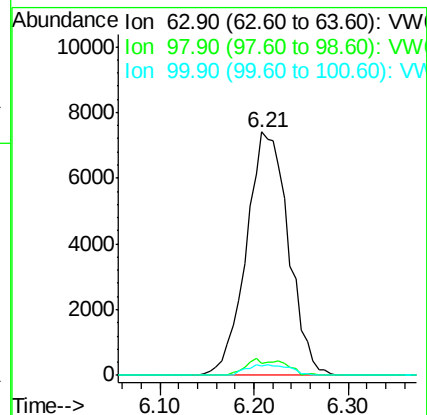
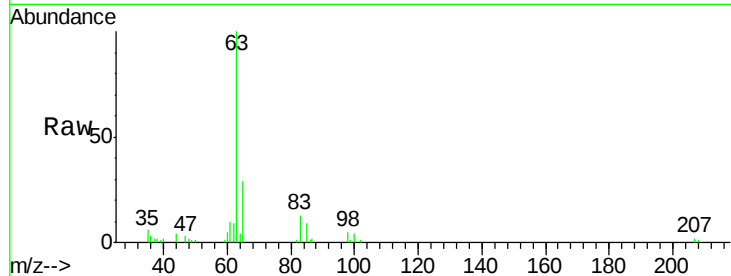
Tgt Ion: 63 Resp: 23150

Ion Ratio Lower Upper

63 100

98 5.0 2.8 8.3

100 3.7 2.1 6.5



#25

2-Butanone

Concen: 10.752 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003524.D

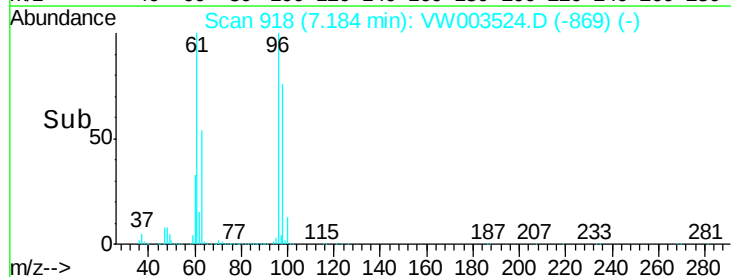
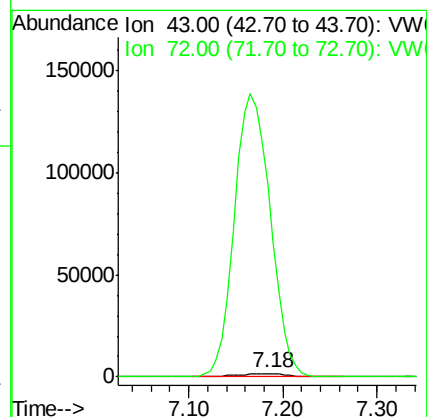
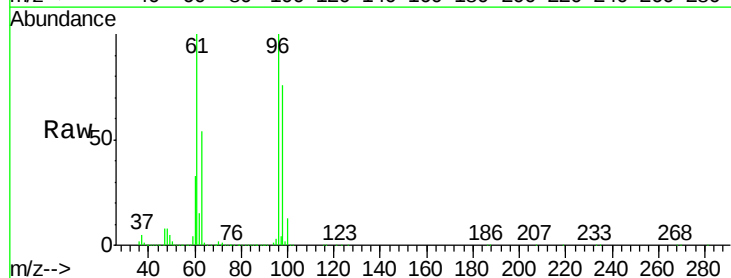
Acq: 24 Jun 2018 21:06

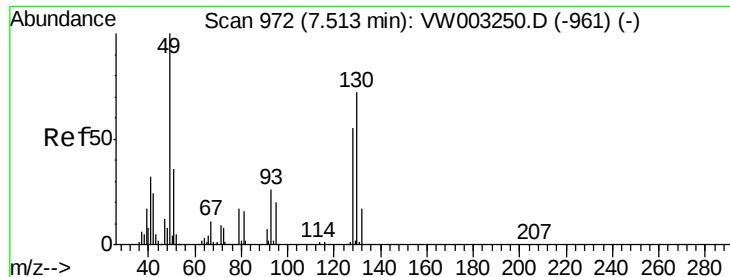
Tgt Ion: 43 Resp: 5359

Ion Ratio Lower Upper

43 100

72 5913.7 20.3 30.5#





#28

Bromochloromethane

Concen: 1.407 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.16 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

DUP-0479-180620

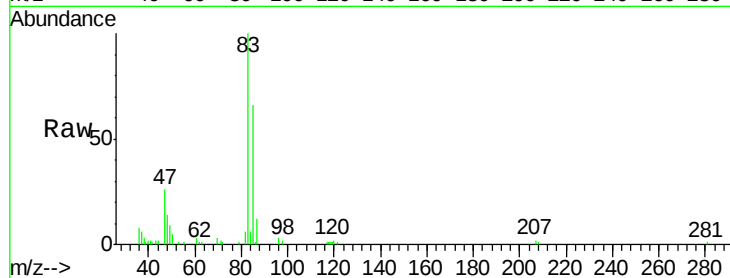
Tgt Ion: 49 Resp: 1936

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

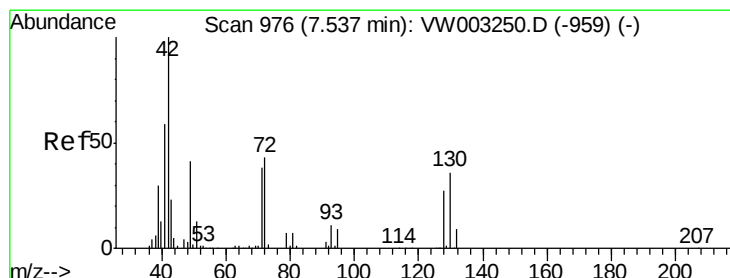
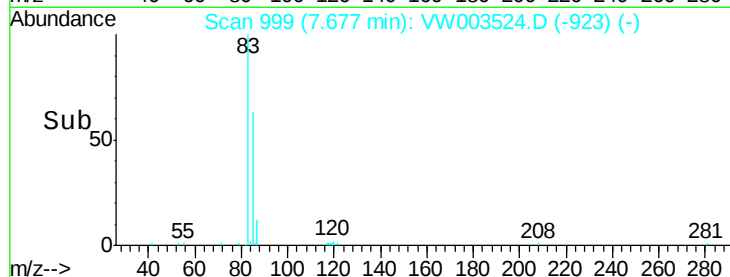
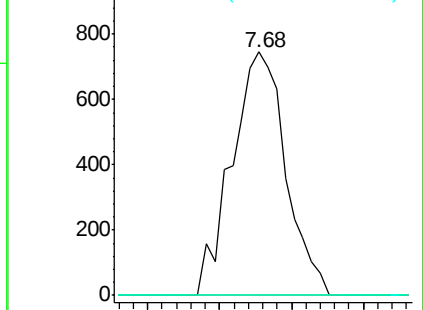
130 0.0 59.4 89.2#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 4.218 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

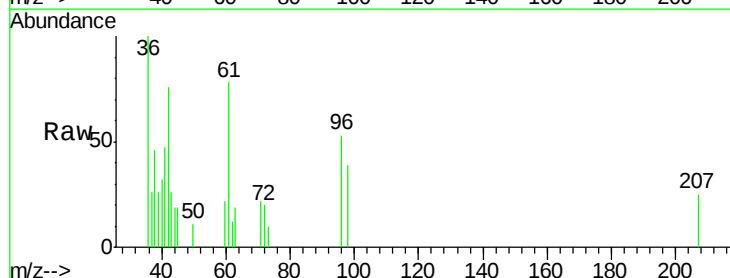
Tgt Ion: 42 Resp: 1285

Ion Ratio Lower Upper

42 100

72 33.7 32.4 48.6

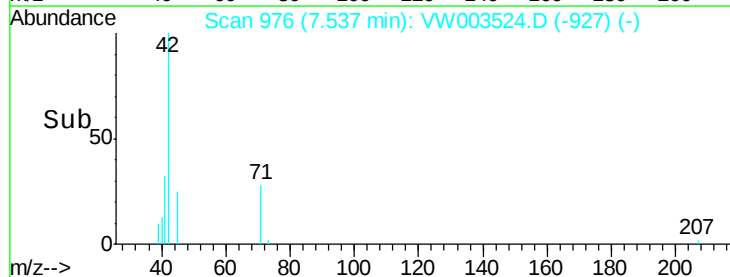
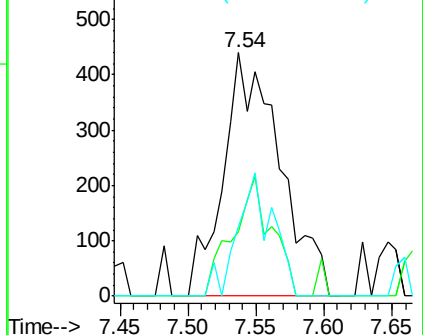
71 31.5 31.2 46.8

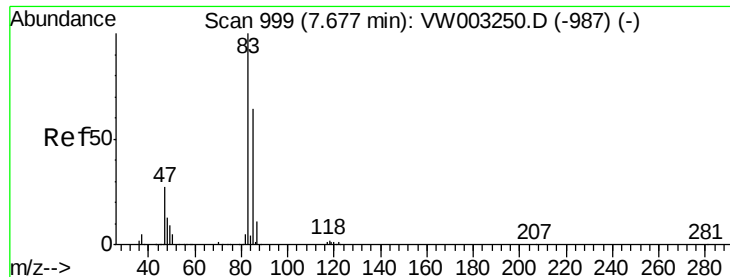


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

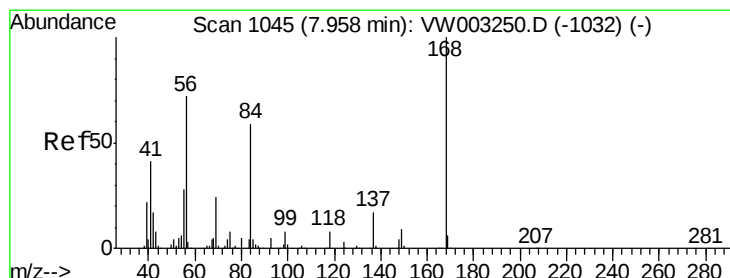
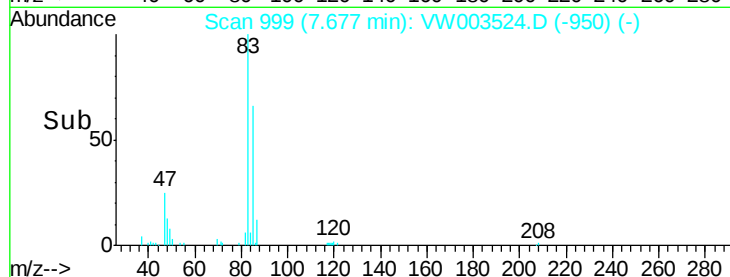
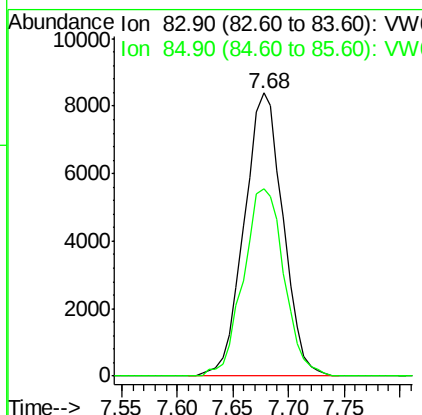
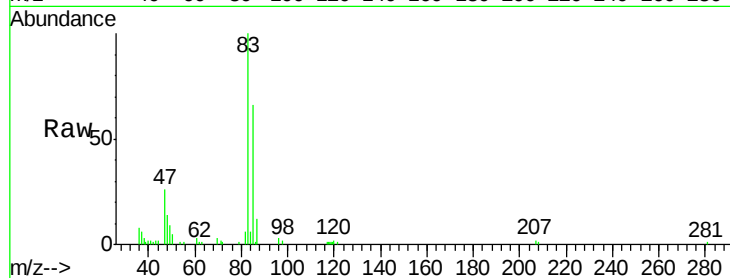




#30
Chloroform
Concen: 6.036 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

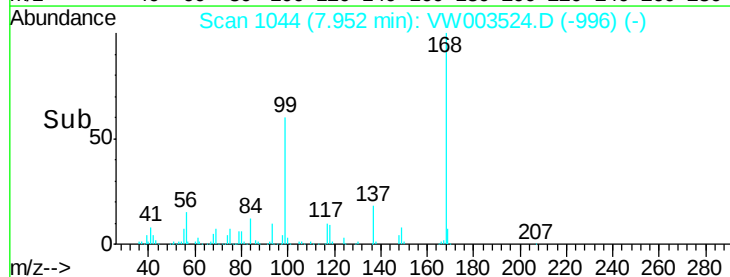
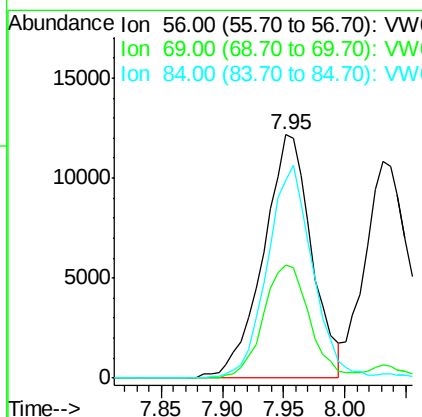
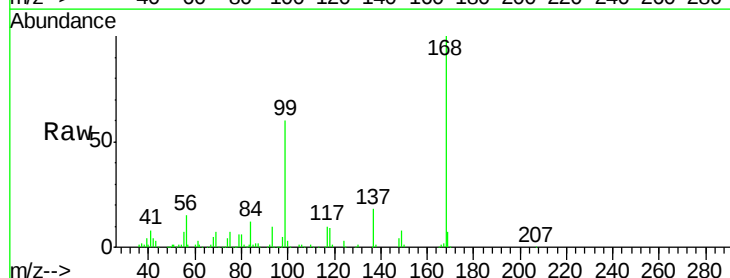
Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

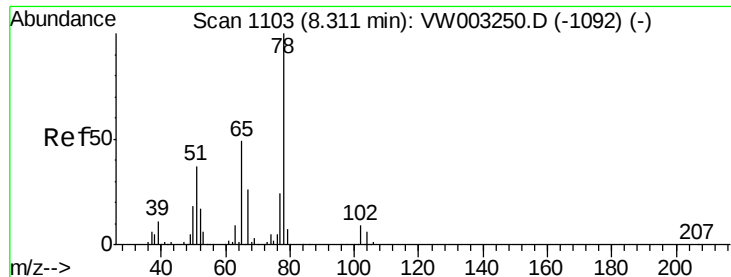
Tgt Ion: 83 Resp: 20327
Ion Ratio Lower Upper
83 100
85 66.4 51.3 76.9



#31
Cyclohexane
Concen: 10.822 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion: 56 Resp: 33422
Ion Ratio Lower Upper
56 100
69 46.7 26.3 39.5#
84 81.3 65.7 98.5

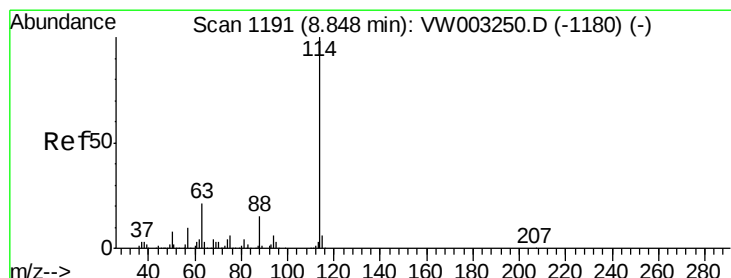
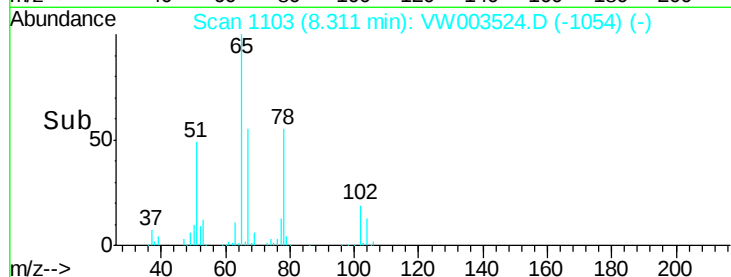
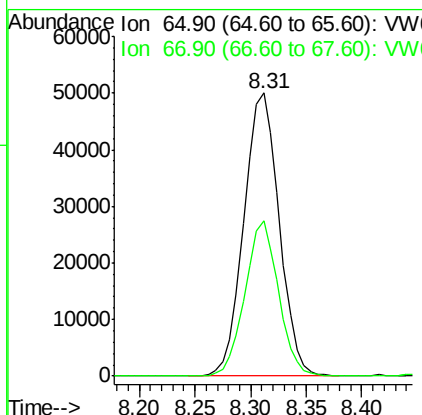
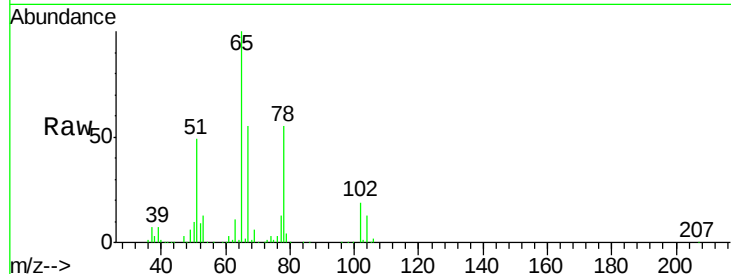




#33
 1,2-Dichloroethane-d4
 Concen: 57.847 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

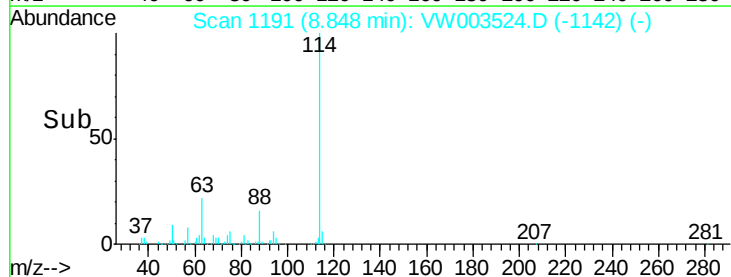
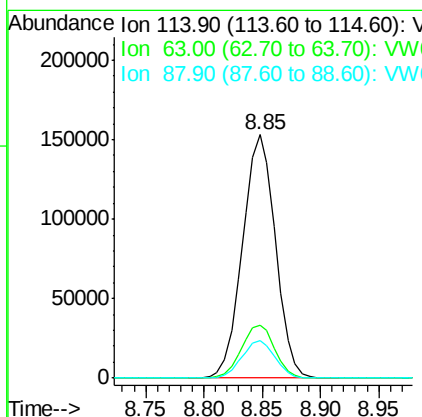
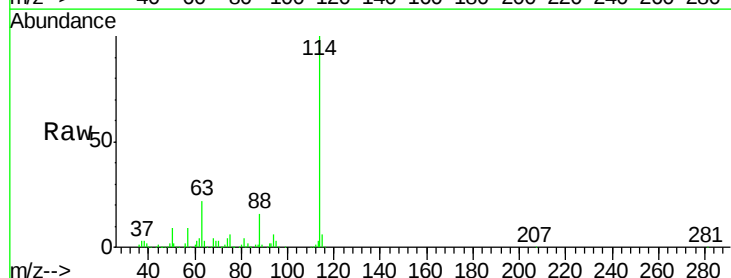
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0479-180620

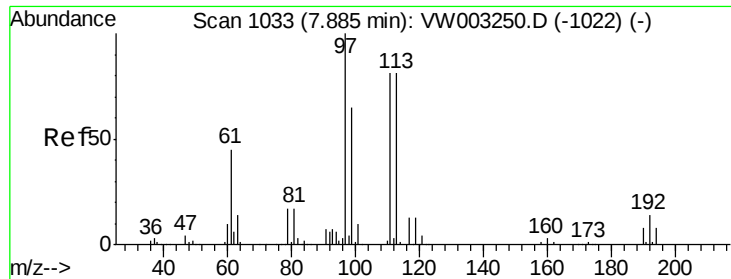
Tgt Ion: 65 Resp: 110559
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

Tgt Ion: 114 Resp: 302273
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 15.5 0.0 29.6

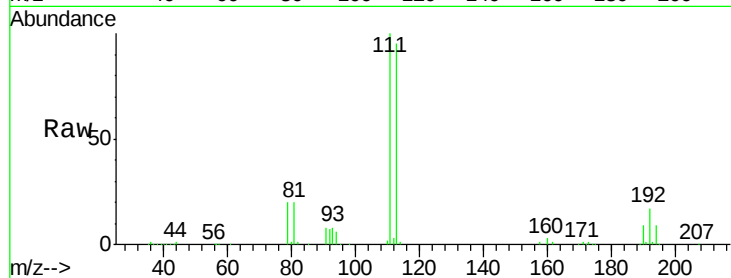




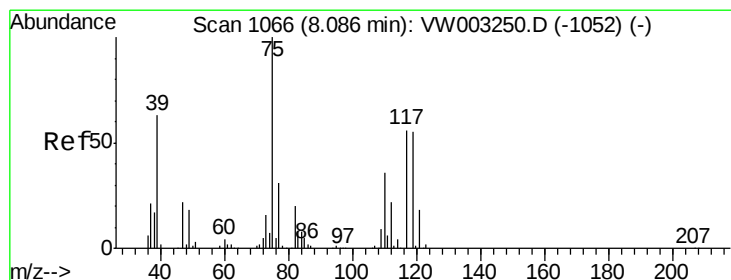
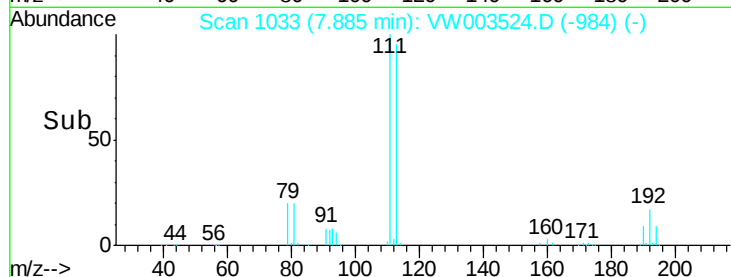
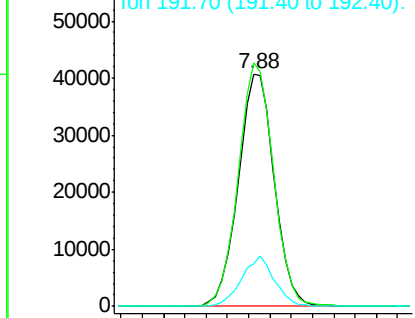
#35
 Dibromofluoromethane
 Concen: 51.391 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0479-180620

Tgt Ion:113 Resp: 96525
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 19.8 16.2 24.2

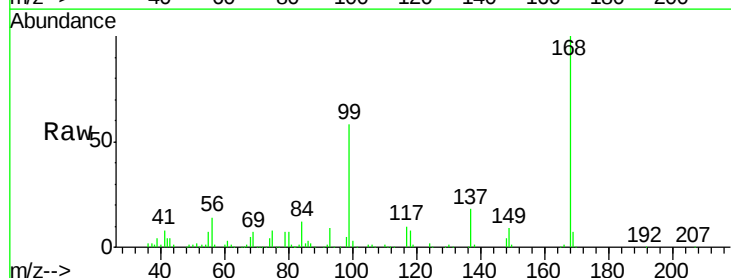


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

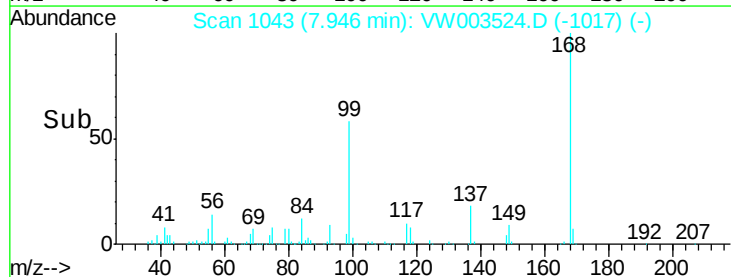
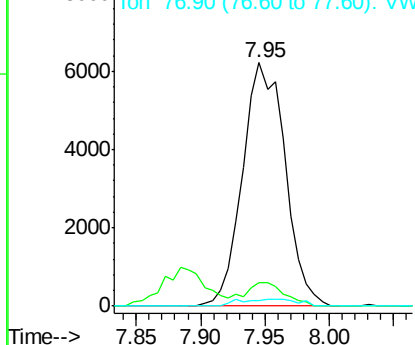


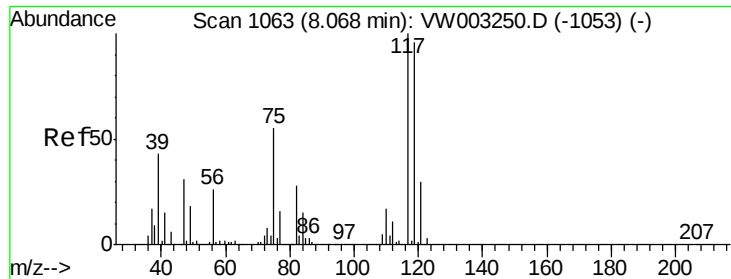
#36
 1,1-Dichloropropene
 Concen: 4.887 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

Tgt Ion: 75 Resp: 14266
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.1 51.3#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

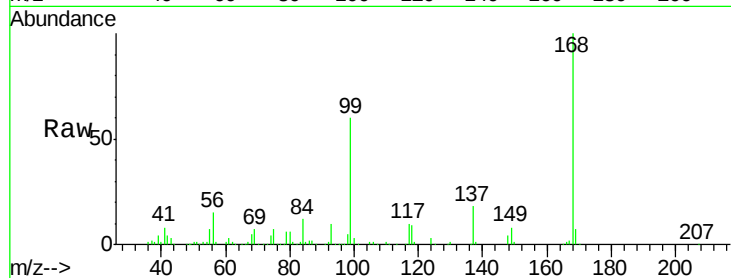




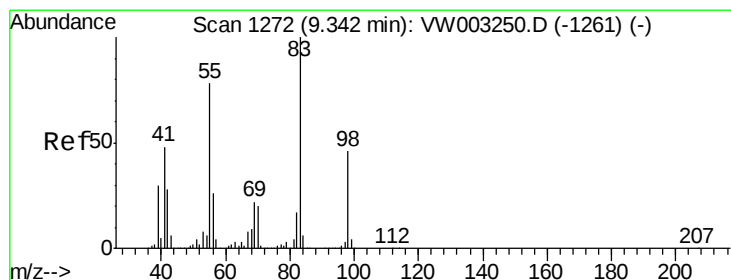
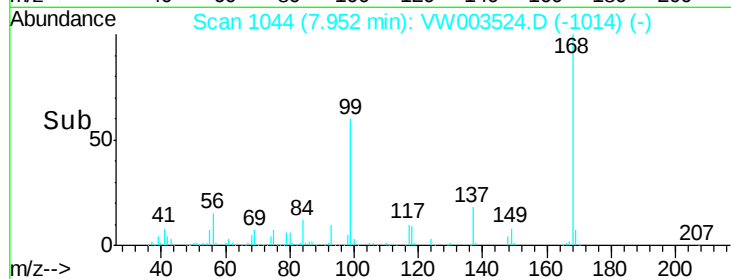
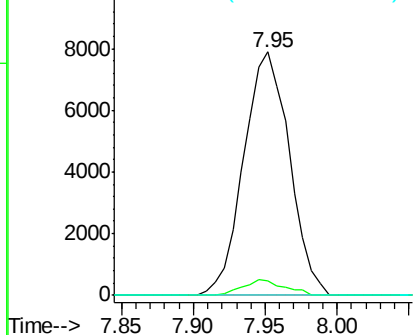
#38
Carbon Tetrachloride
Concen: 6.058 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

Tgt Ion: 117 Resp: 17348
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 23.9 35.9#

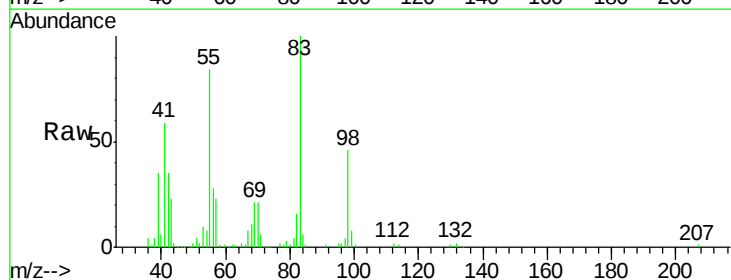


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

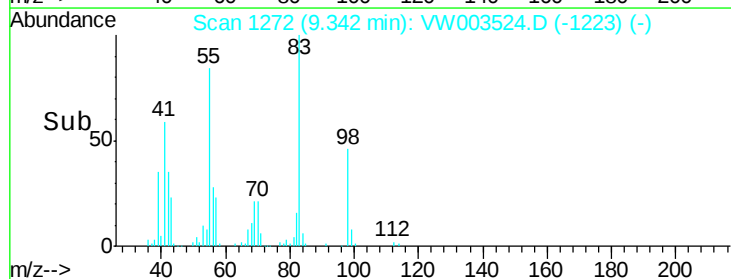
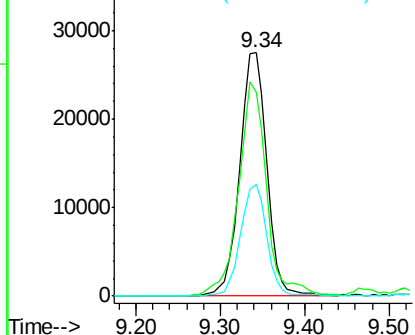


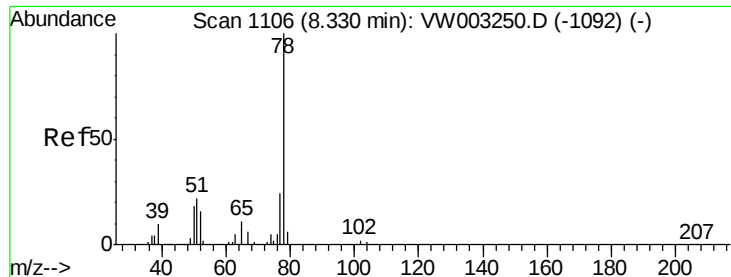
#39
Methylcyclohexane
Concen: 17.599 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion: 83 Resp: 59445
Ion Ratio Lower Upper
83 100
55 83.5 62.6 93.8
98 46.1 37.0 55.4



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 12.965 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

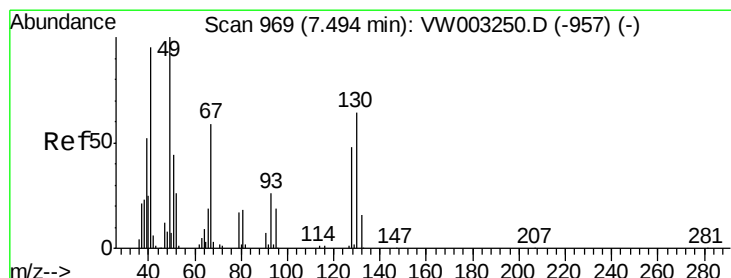
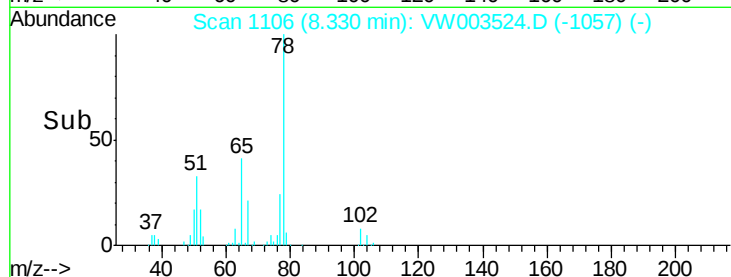
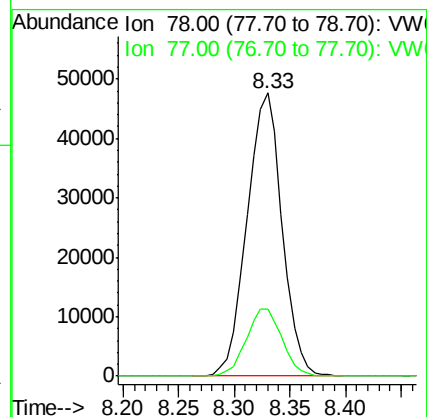
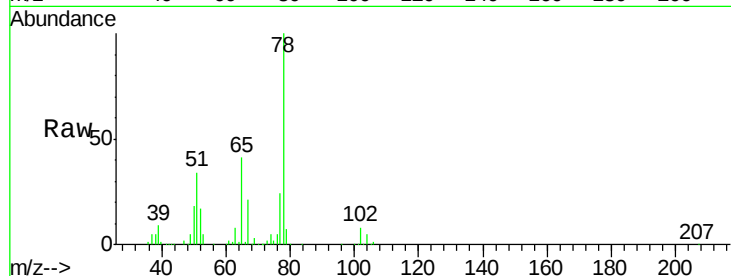
DUP-0479-180620

Tgt Ion: 78 Resp: 104323

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



#41

Methacrylonitrile

Concen: 1.206 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.05 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Tgt Ion: 41 Resp: 895

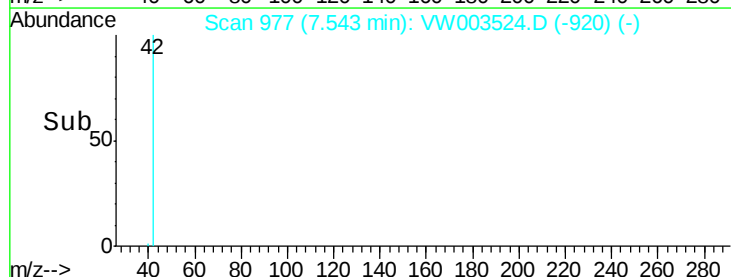
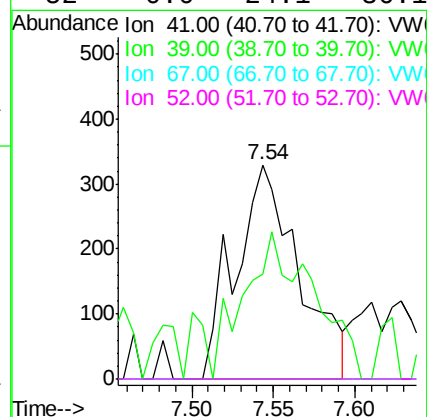
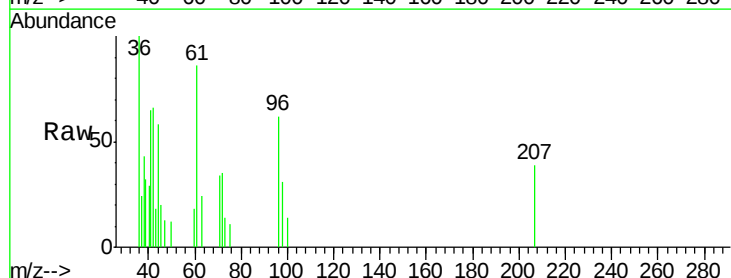
Ion Ratio Lower Upper

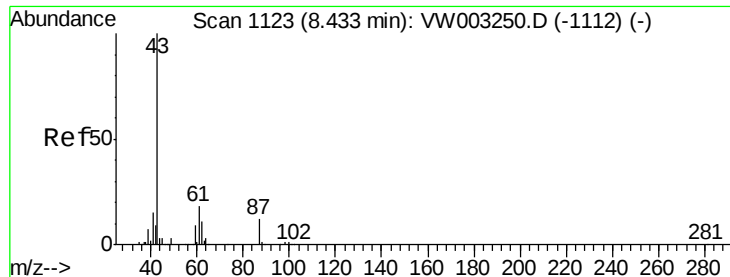
41 100

39 75.4 45.8 68.8#

67 0.0 52.3 78.5#

52 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 23.093 ug/l

RT: 8.48 min Scan# 1131

Delta R.T. 0.05 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

DUP-0479-180620

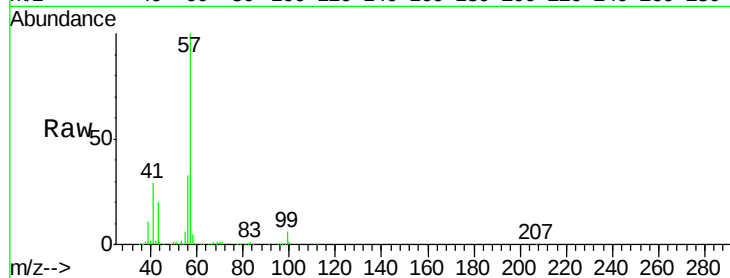
Tgt Ion: 43 Resp: 55454

Ion Ratio Lower Upper

43 100

61 0.0 23.1 34.7#

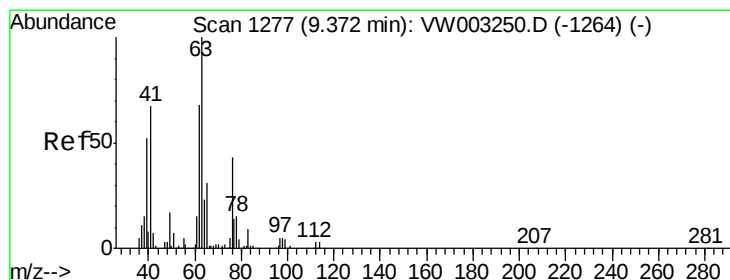
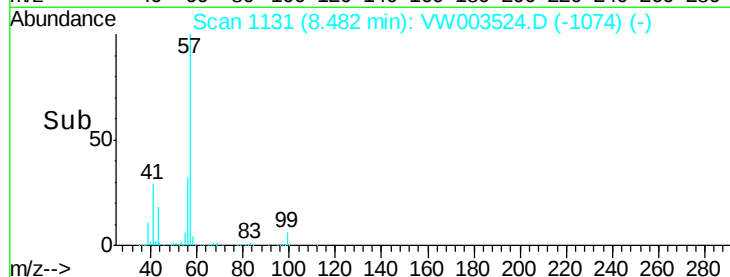
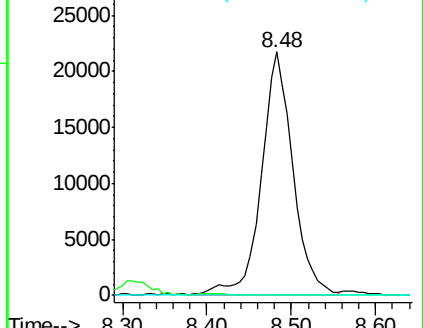
87 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#45

1,2-Dichloropropane

Concen: 49.880 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.27 min

Lab File: VW003524.D

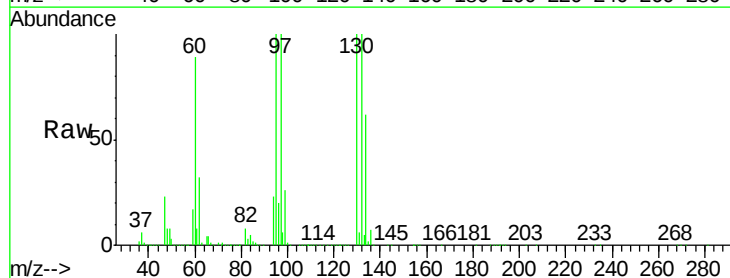
Acq: 24 Jun 2018 21:06

Tgt Ion: 63 Resp: 102191

Ion Ratio Lower Upper

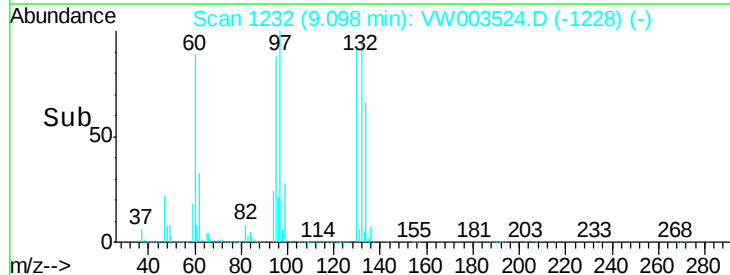
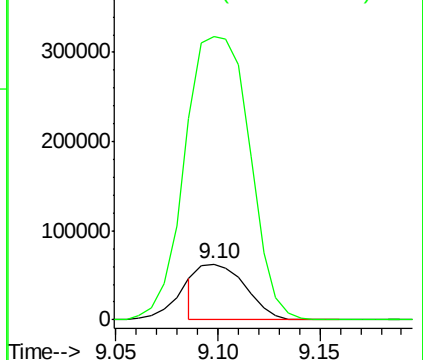
63 100

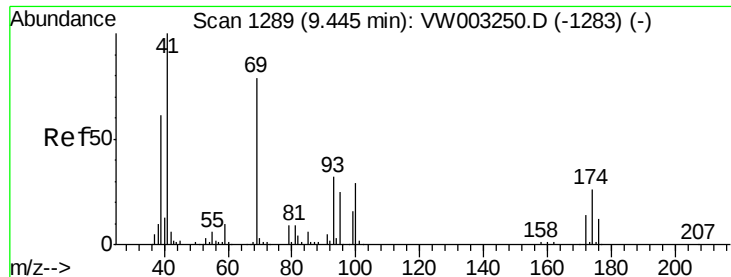
65 505.3 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

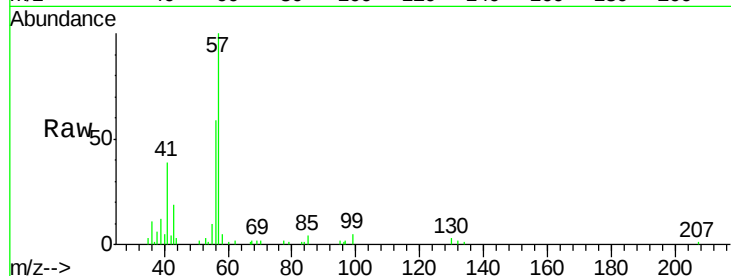




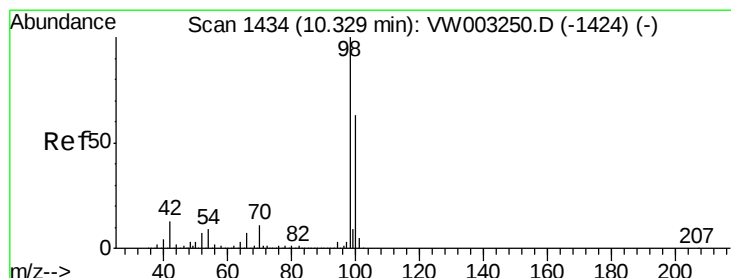
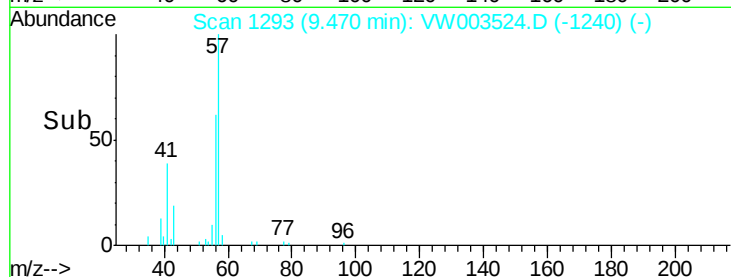
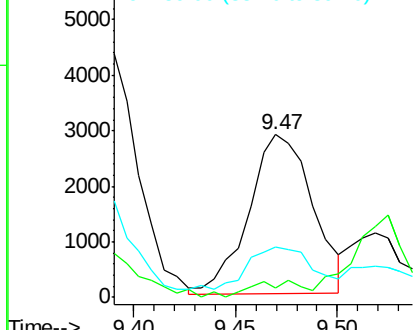
#48
Methyl methacrylate
Concen: 5.582 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.02 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

Tgt Ion: 41 Resp: 6299
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 34.0 54.2 81.2#

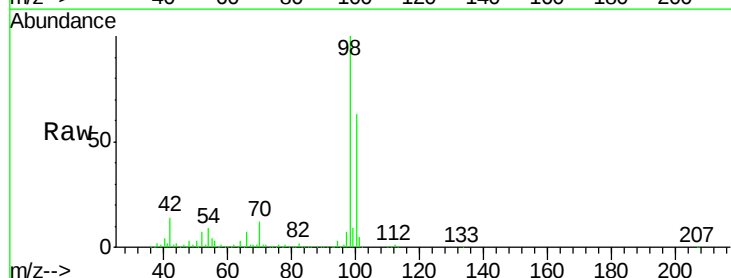


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

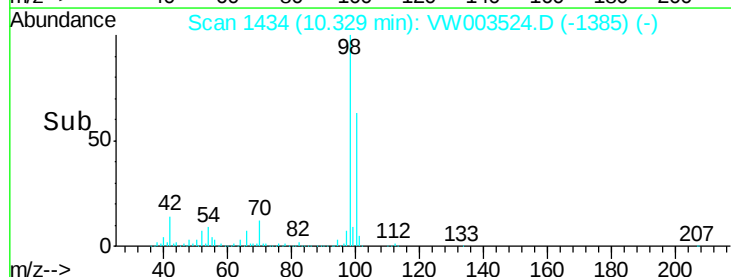
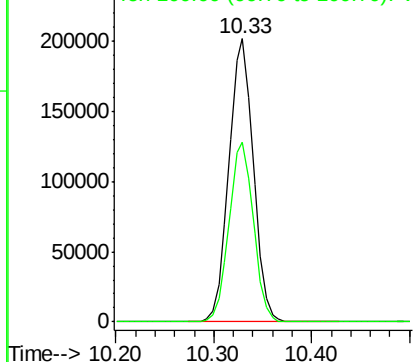


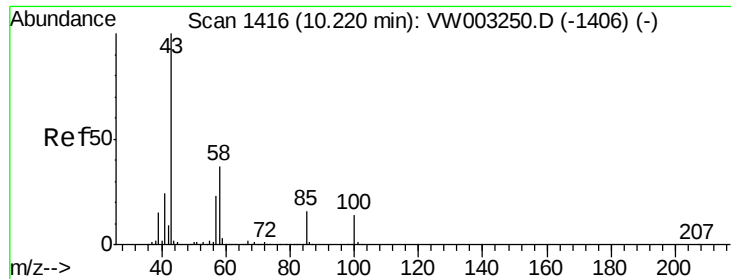
#50
Toluene-d8
Concen: 46.885 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion: 98 Resp: 349183
Ion Ratio Lower Upper
98 100
100 63.1 50.8 76.2



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

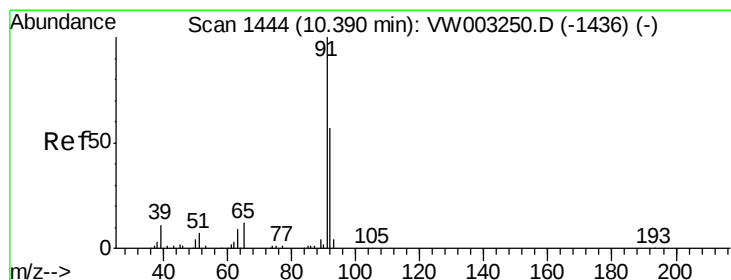
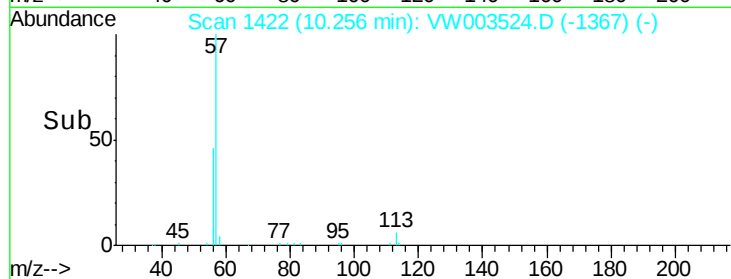
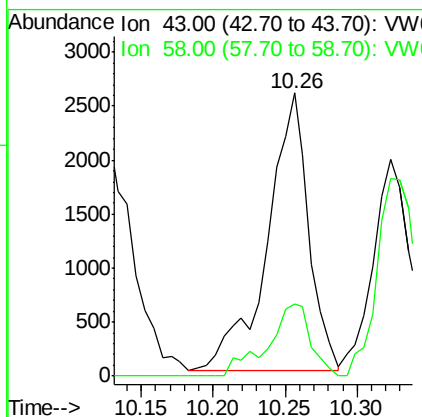
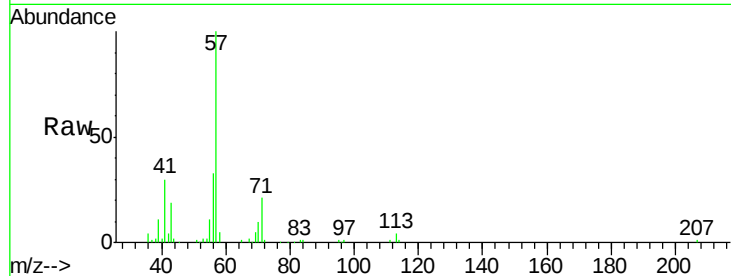




#51
 4-Methyl-2-Pentanone
 Concen: 4.182 ug/l
 RT: 10.26 min Scan# 1422
 Delta R.T. 0.04 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

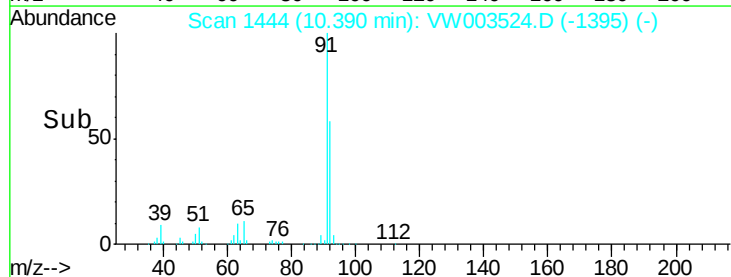
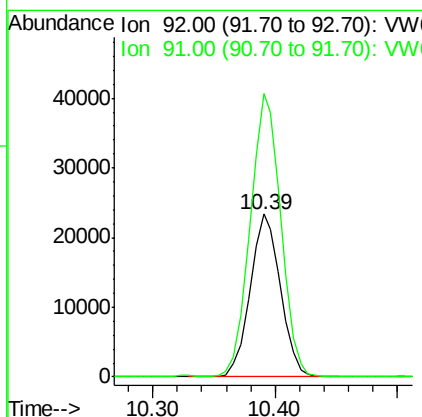
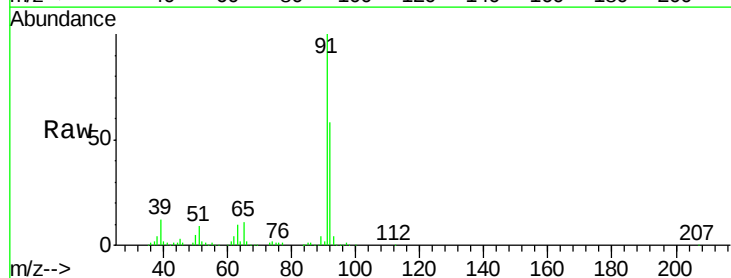
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0479-180620

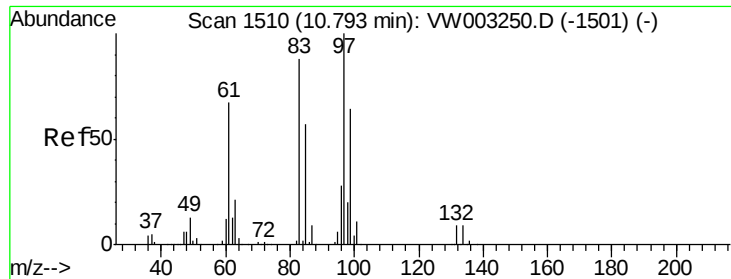
Tgt Ion: 43 Resp: 5117
 Ion Ratio Lower Upper
 43 100
 58 27.0 29.0 43.4#



#52
 Toluene
 Concen: 7.767 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

Tgt Ion: 92 Resp: 40076
 Ion Ratio Lower Upper
 92 100
 91 176.5 141.1 211.7





#55

1,1,2-Trichloroethane

Concen: 13.698 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

DUP-0479-180620

Tgt Ion: 97 Resp: 20247

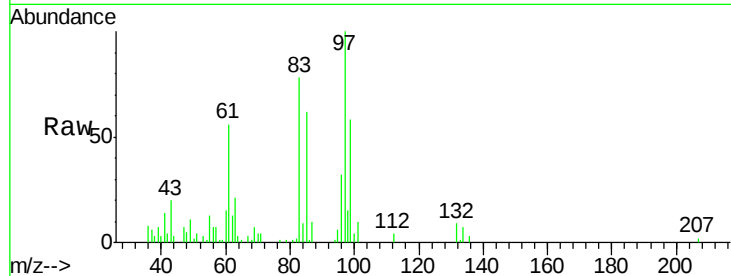
Ion Ratio Lower Upper

97 100

83 77.8 70.2 105.2

85 61.7 45.6 68.4

99 58.3 51.2 76.8

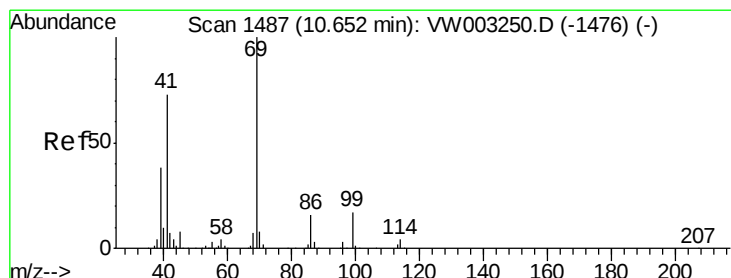
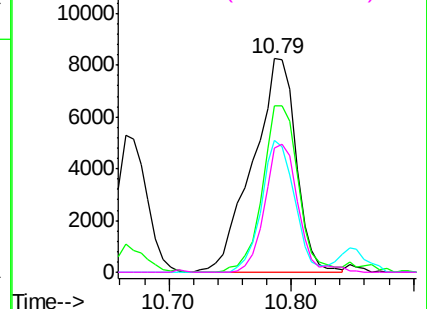
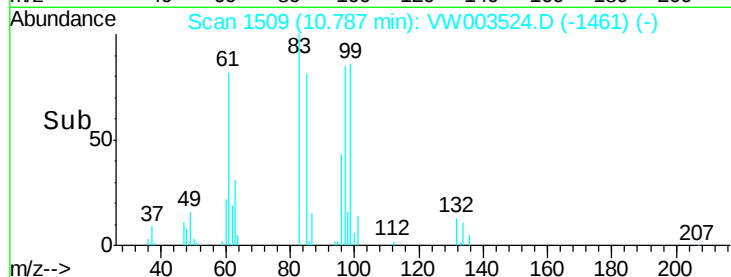


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 1.772 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

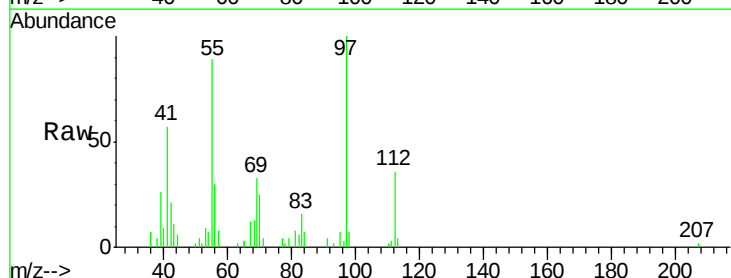
Tgt Ion: 69 Resp: 3181

Ion Ratio Lower Upper

69 100

41 166.3 57.8 86.6#

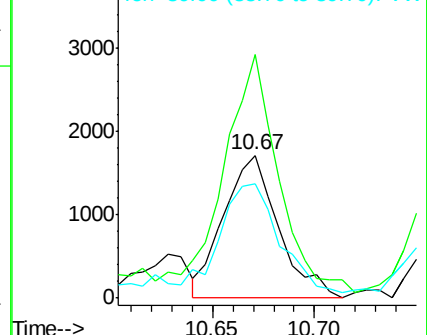
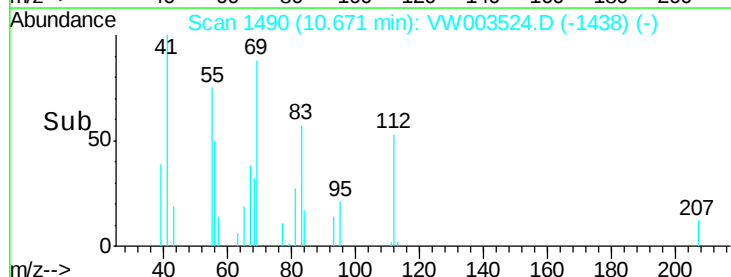
39 82.0 32.7 49.1#

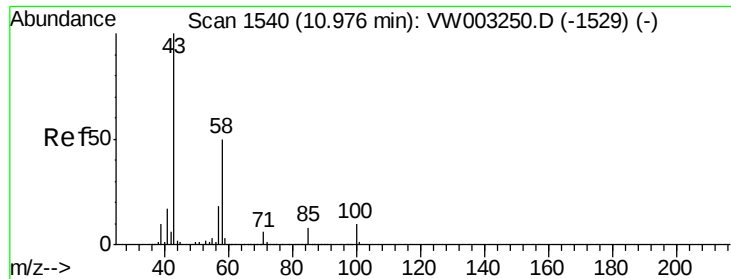


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

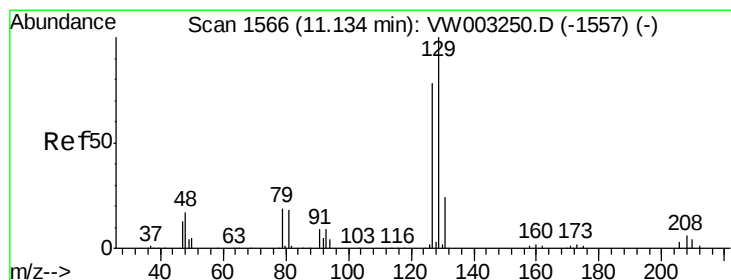
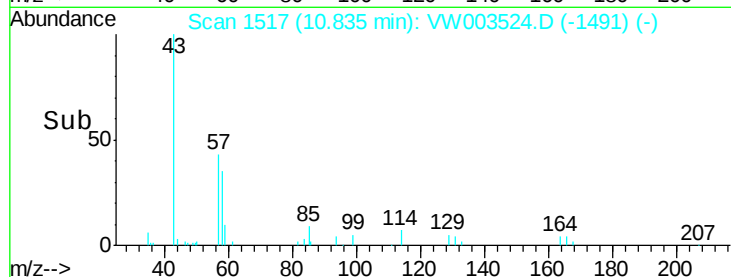
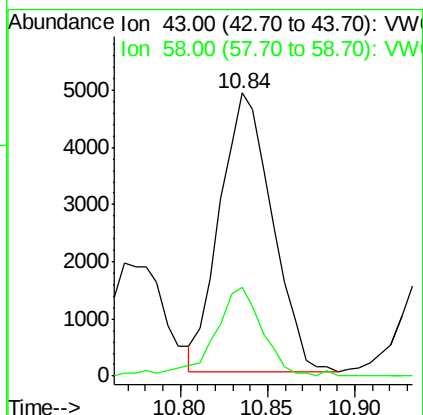
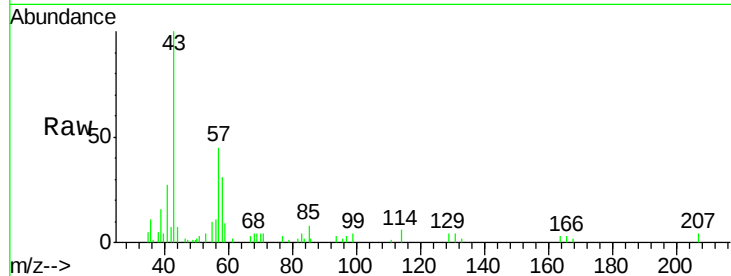




#59
2-Hexanone
Concen: 11.853 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.14 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

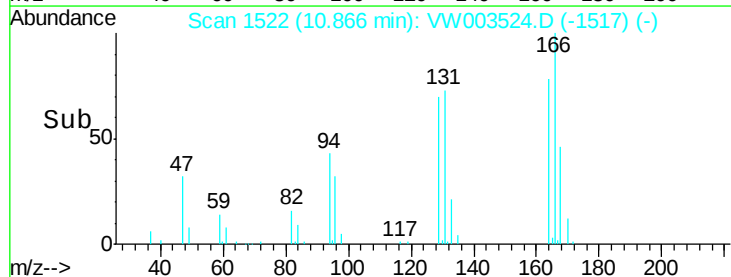
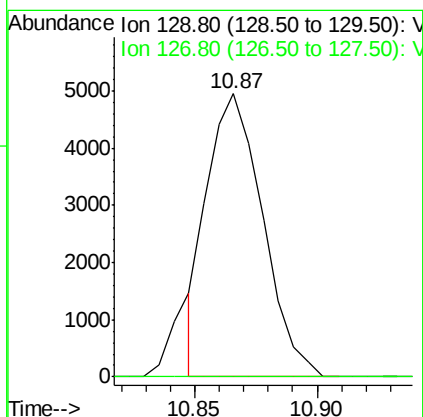
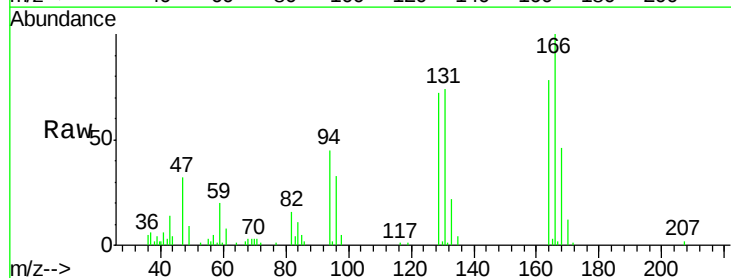
Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

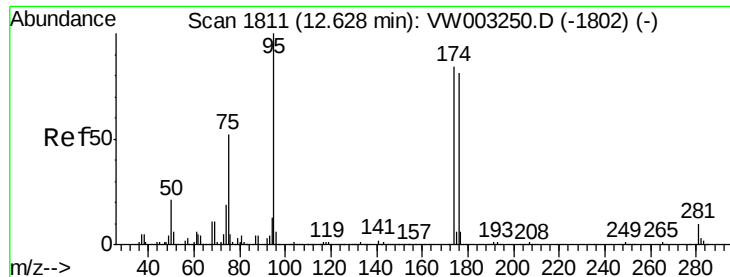
Tgt Ion: 43 Resp: 10132
Ion Ratio Lower Upper
43 100
58 29.4 25.0 75.0



#60
Dibromochloromethane
Concen: 4.436 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion: 129 Resp: 7797
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#

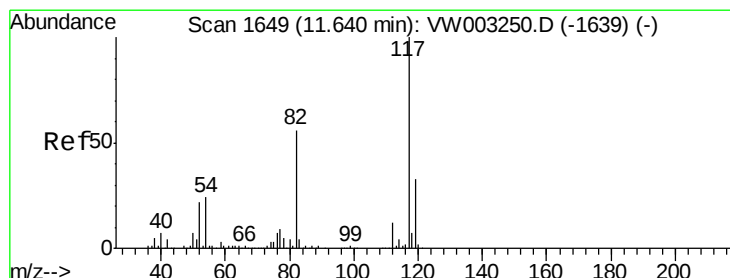
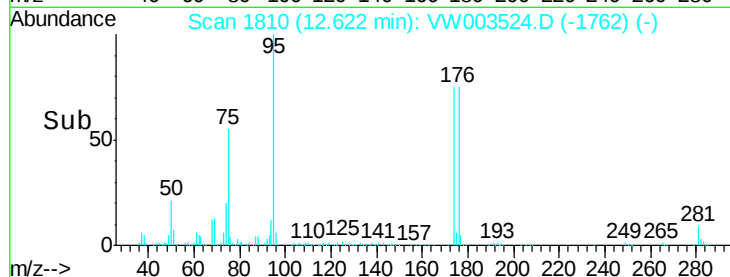
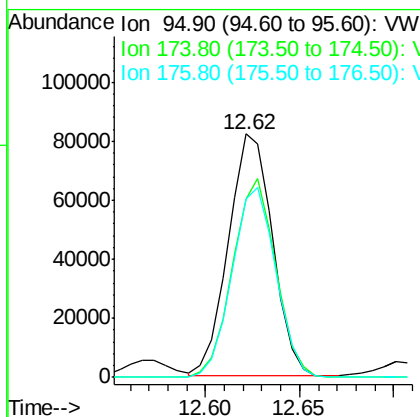
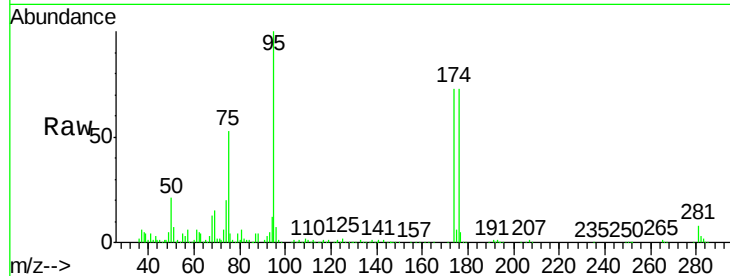




#62
4-Bromofluorobenzene
Concen: 50.615 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

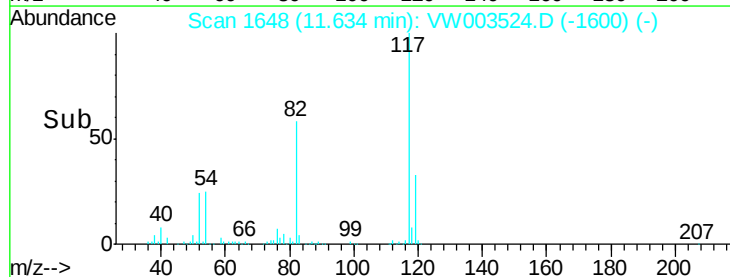
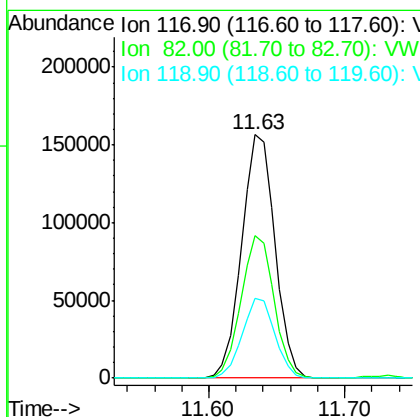
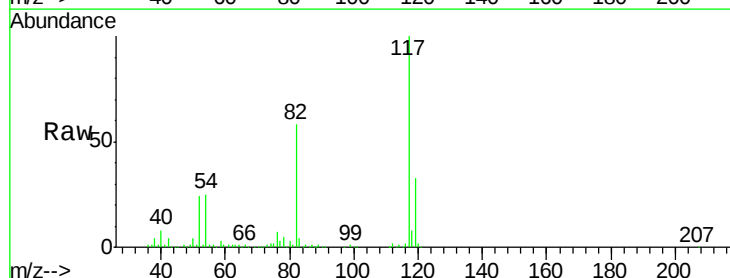
Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

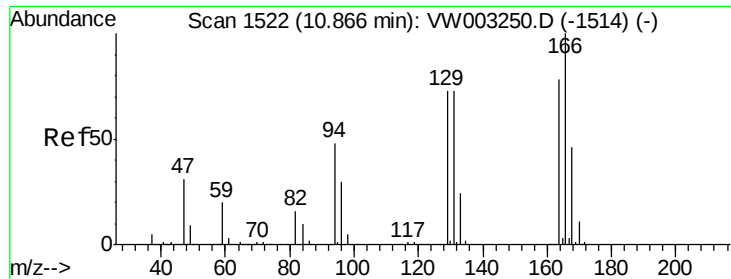
Tgt Ion: 95 Resp: 133403
Ion Ratio Lower Upper
95 100
174 80.2 0.0 166.4
176 77.6 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion: 117 Resp: 267617
Ion Ratio Lower Upper
117 100
82 58.4 44.6 67.0
119 32.6 26.7 40.1

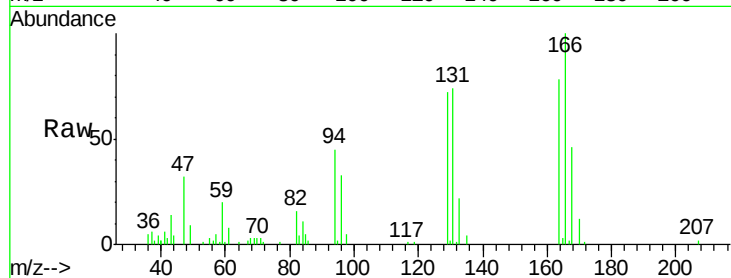




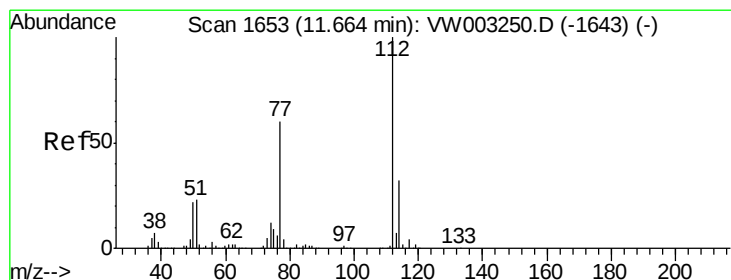
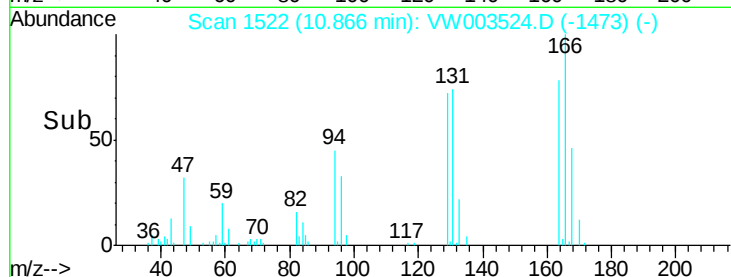
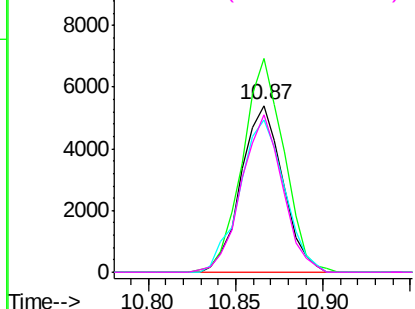
#64
Tetrachloroethene
Concen: 5.011 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

Tgt Ion:164 Resp: 8969
Ion Ratio Lower Upper
164 100
166 127.9 102.6 154.0
129 91.5 75.2 112.8
131 94.6 75.0 112.4

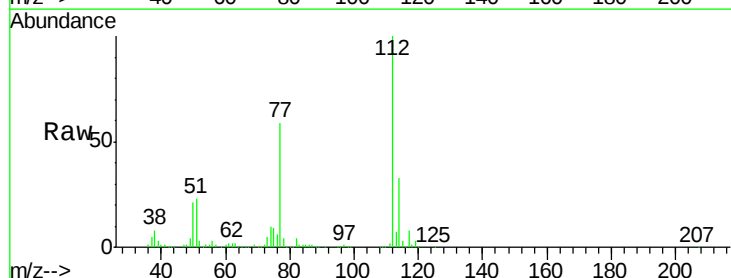


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

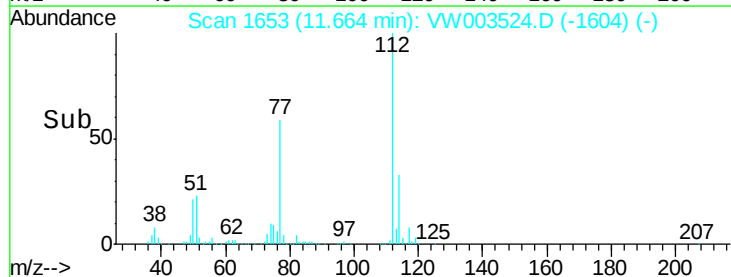
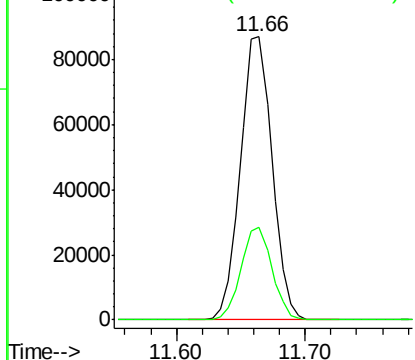


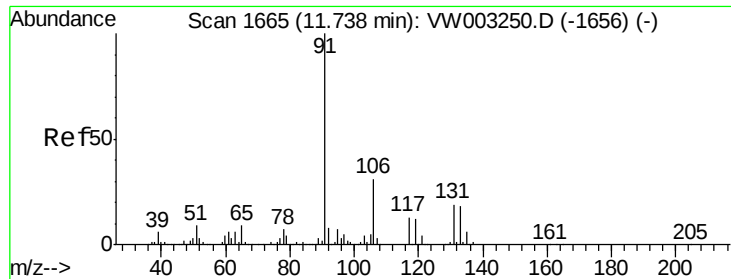
#65
Chlorobenzene
Concen: 26.526 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion:112 Resp: 147825
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

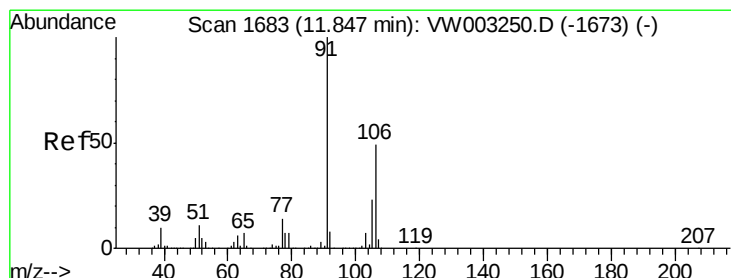
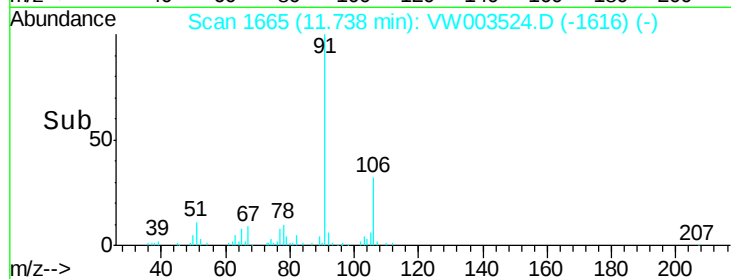
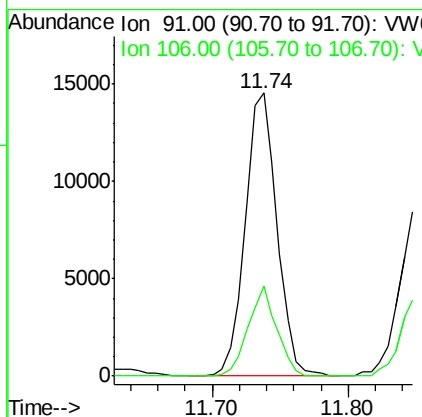
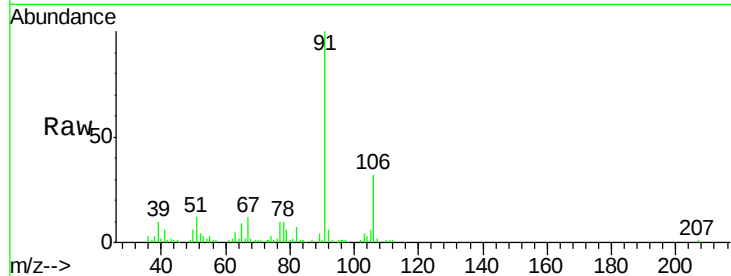




#67
Ethyl Benzene
Concen: 2.404 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

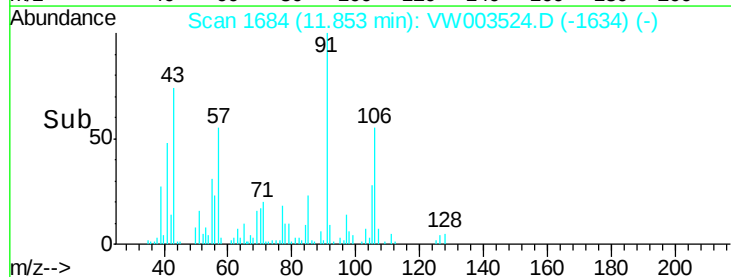
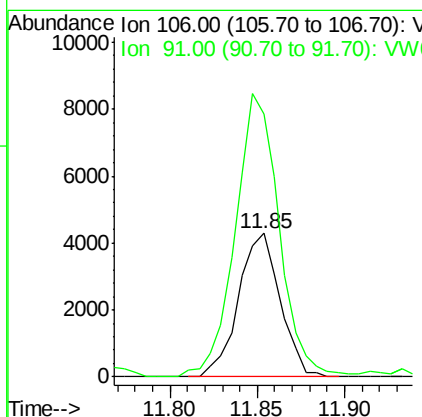
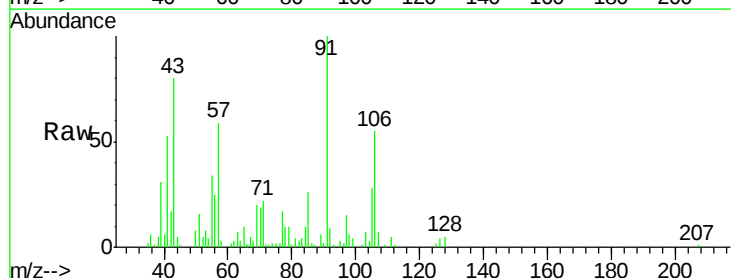
Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

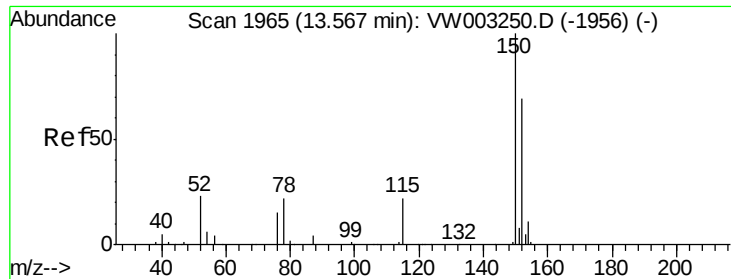
Tgt Ion: 91 Resp: 23753
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 1.892 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion: 106 Resp: 7106
Ion Ratio Lower Upper
106 100
91 207.4 165.4 248.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

DUP-0479-180620

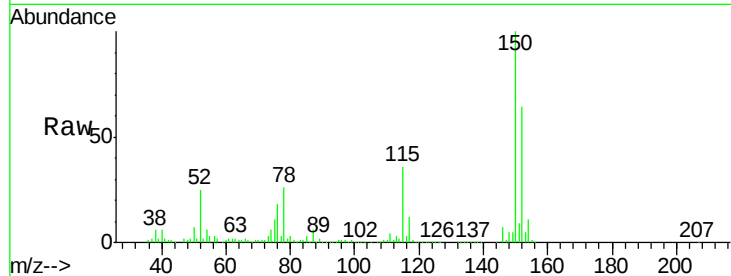
Tgt Ion:152 Resp: 131664

Ion Ratio Lower Upper

152 100

115 58.4 29.3 88.0

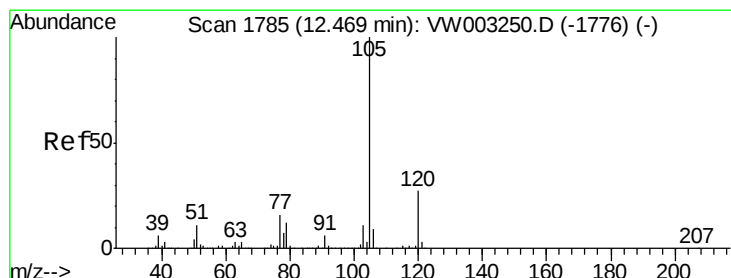
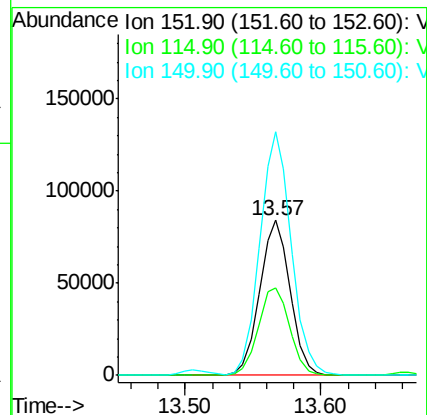
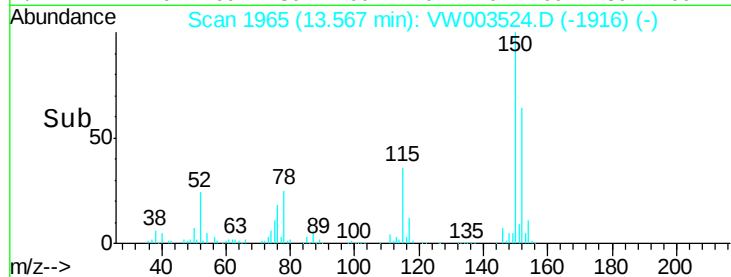
150 162.1 0.0 349.6



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: 2.708 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003524.D

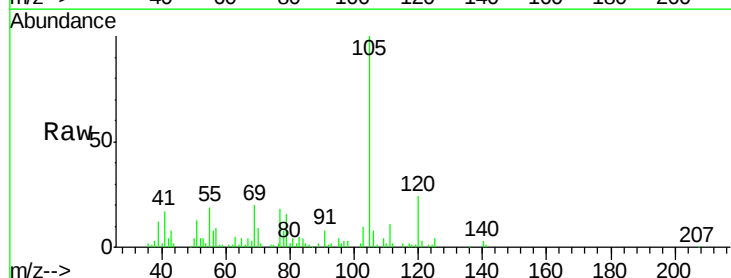
Acq: 24 Jun 2018 21:06

Tgt Ion:105 Resp: 24798

Ion Ratio Lower Upper

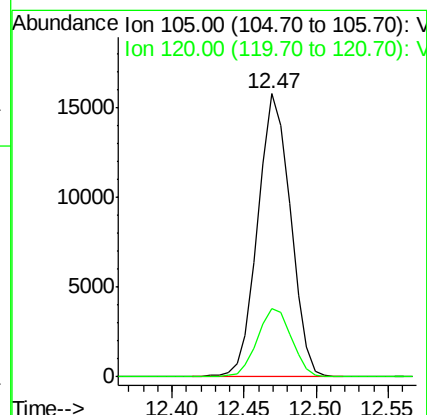
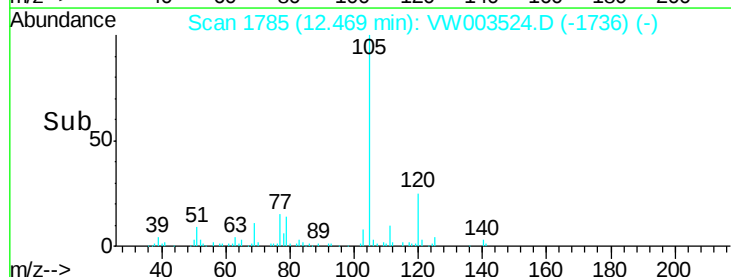
105 100

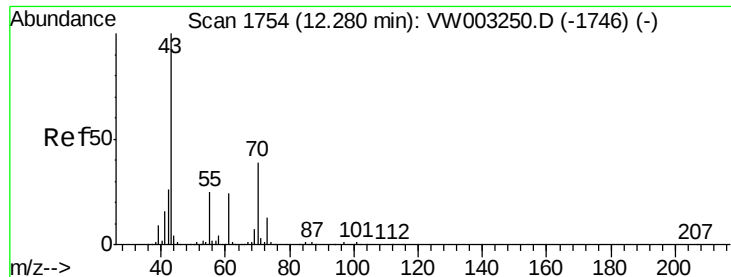
120 25.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

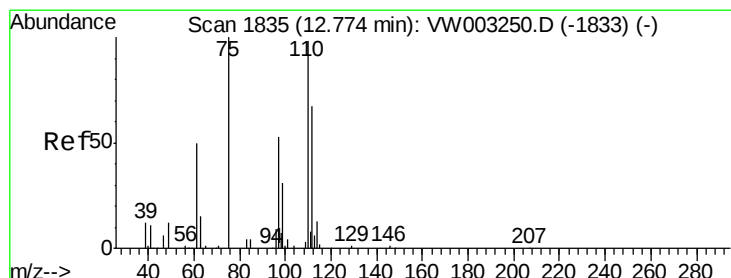
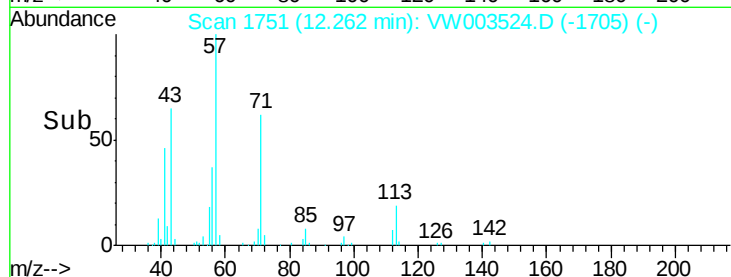
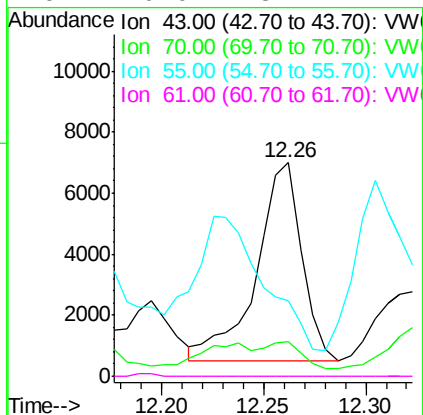
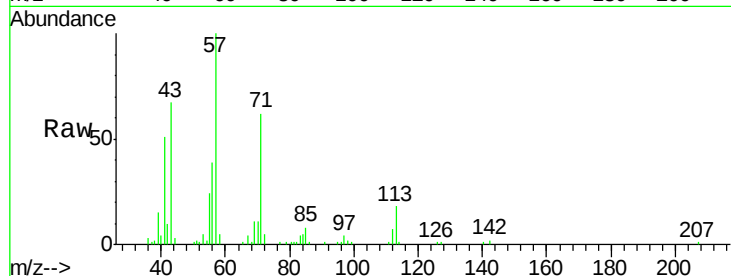




#74
N-ethyl acetate
Concen: 4.817 ug/l
RT: 12.26 min Scan# 1751
Delta R.T. -0.02 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

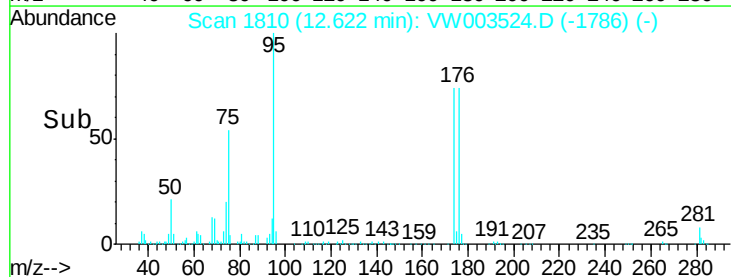
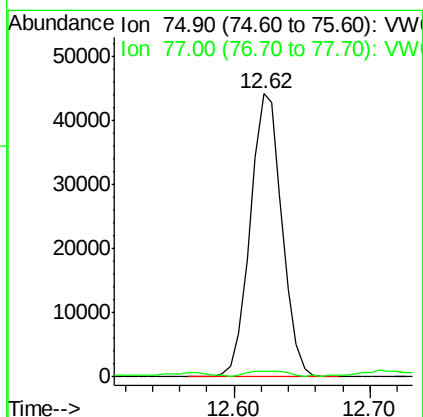
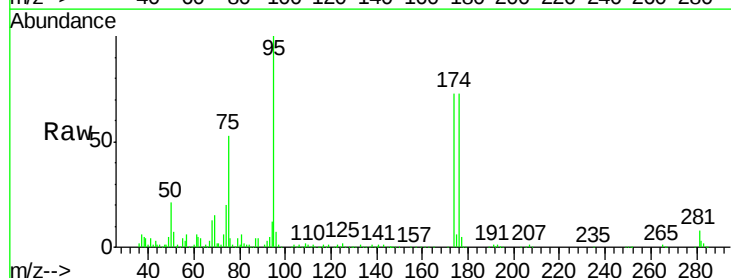
Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

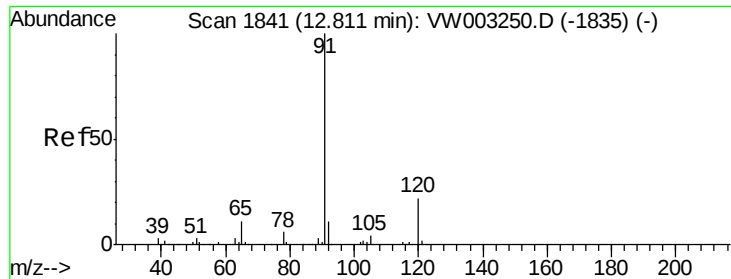
Tgt Ion: 43 Resp: 10041
Ion Ratio Lower Upper
43 100
70 0.0 31.0 46.6#
55 0.0 19.7 29.5#
61 0.0 18.1 27.1#



#76
1,2,3-Trichloropropane
Concen: 64.014 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion: 75 Resp: 72052
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#





#78

n-propylbenzene

Concen: 1.420 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

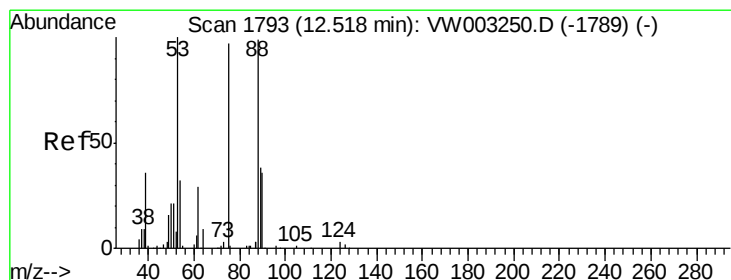
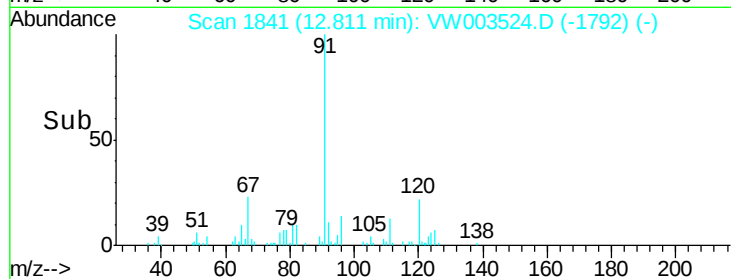
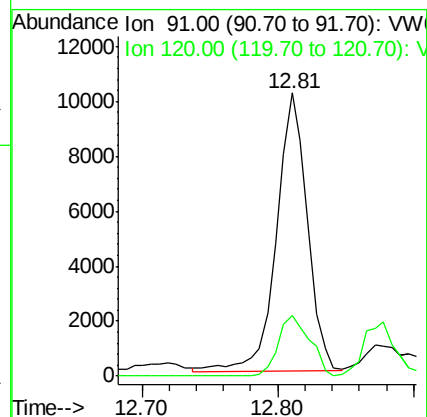
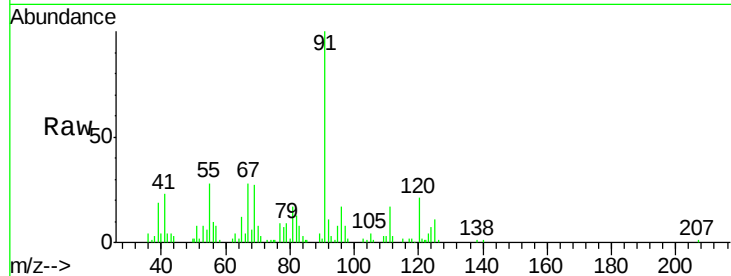
DUP-0479-180620

Tgt Ion: 91 Resp: 15920

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8



#81

trans-1,4-Dichloro-2-butene

Concen: 147.299 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

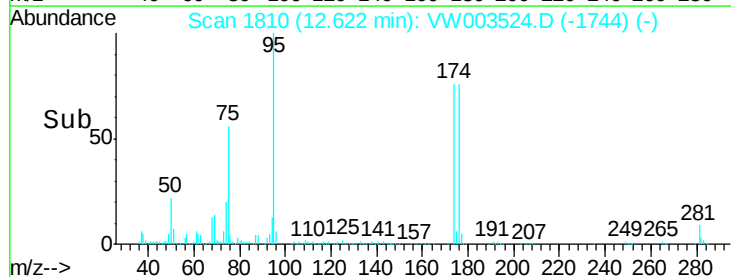
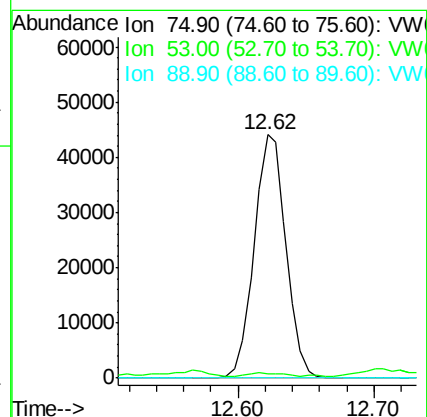
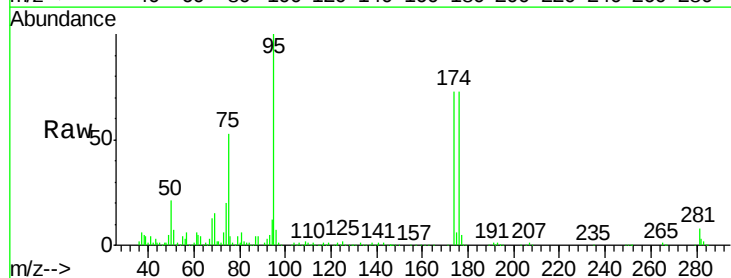
Tgt Ion: 75 Resp: 72052

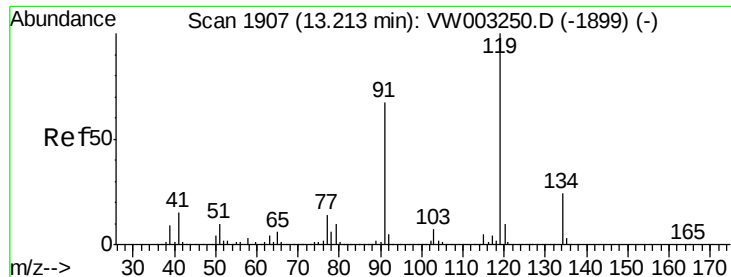
Ion Ratio Lower Upper

75 100

53 1.4 82.9 124.3#

89 0.1 36.7 55.1#

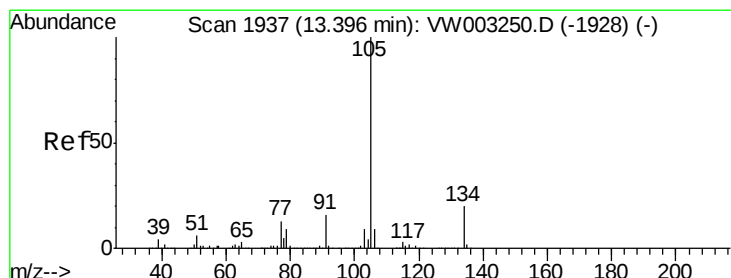
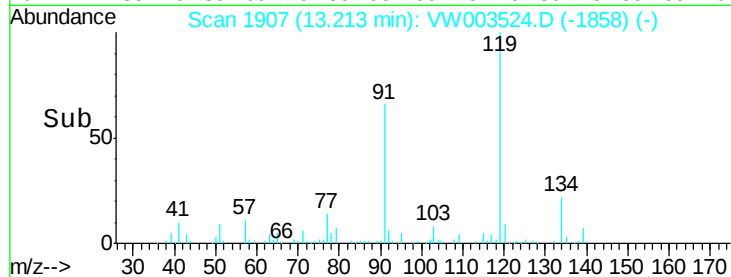
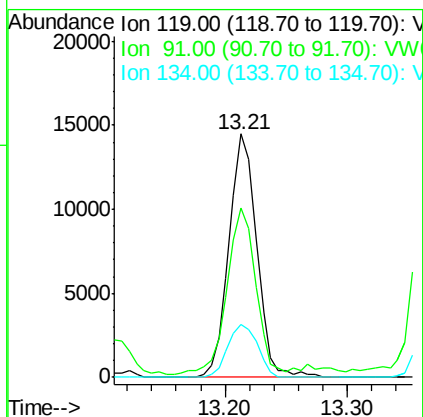
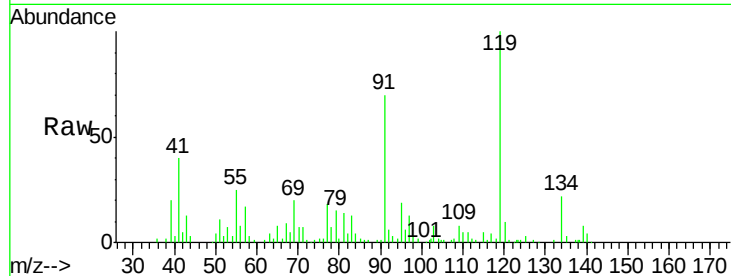




#83
tert-Butylbenzene
Concen: 3.484 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

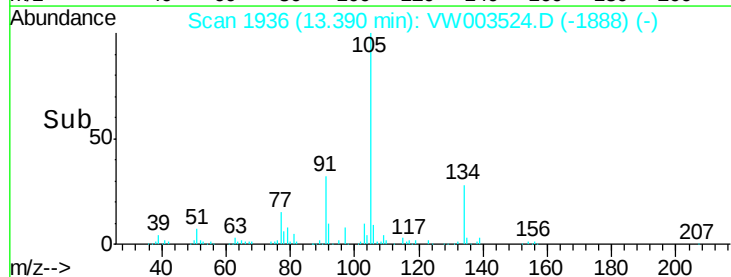
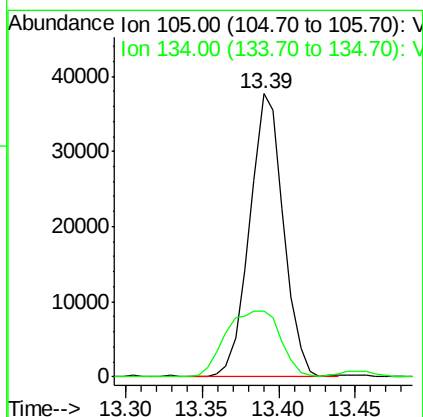
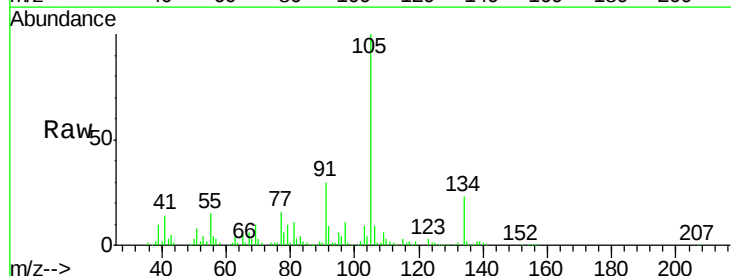
Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

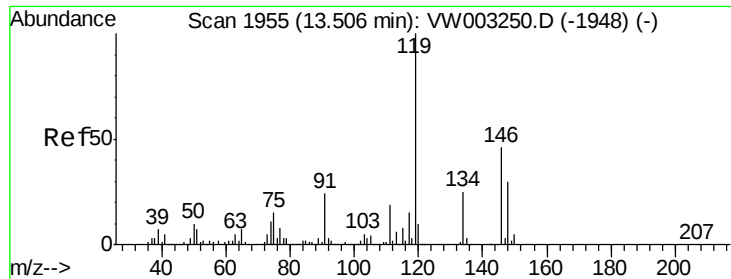
Tgt Ion:119 Resp: 22820
Ion Ratio Lower Upper
119 100
91 69.6 33.9 101.7
134 23.2 13.4 40.1



#85
sec-Butylbenzene
Concen: 5.970 ug/l
RT: 13.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion:105 Resp: 58134
Ion Ratio Lower Upper
105 100
134 37.7 9.8 29.5#

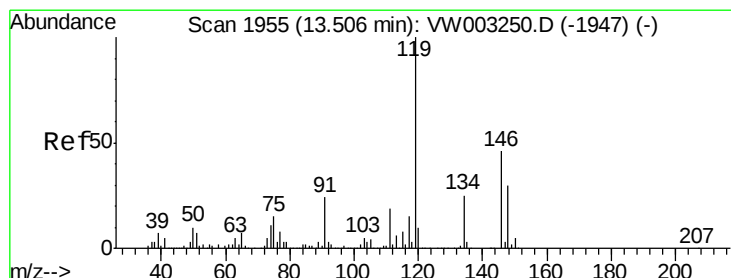
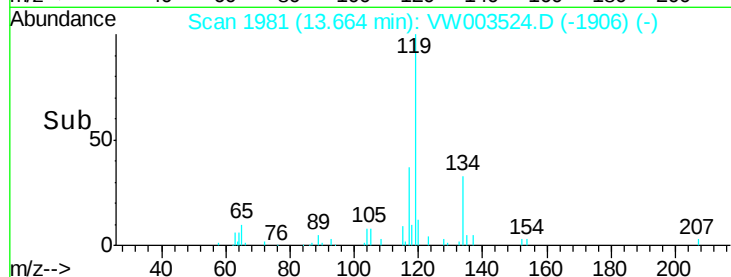
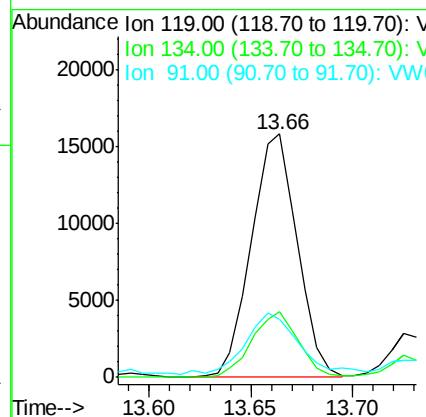
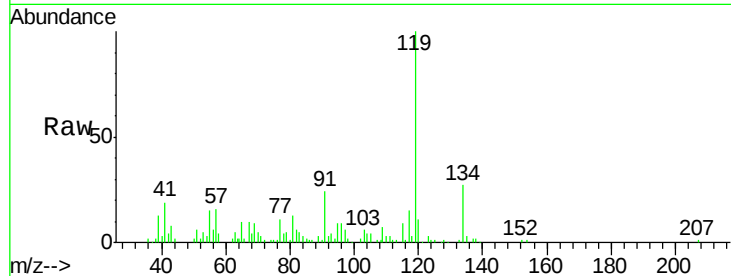




#86
p-Isopropyltoluene
Concen: 2.891 ug/l
RT: 13.66 min Scan# 1981
Delta R.T. 0.16 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

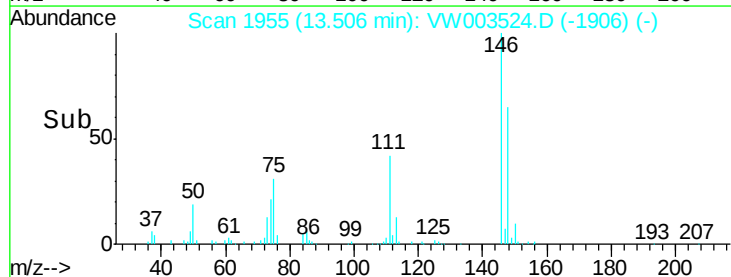
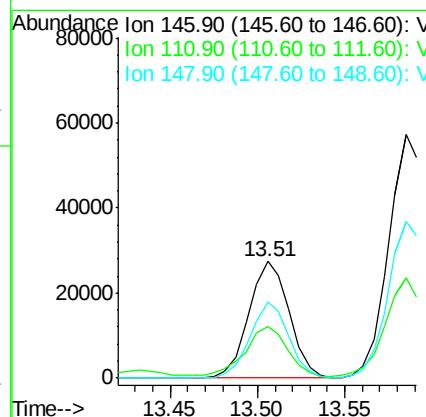
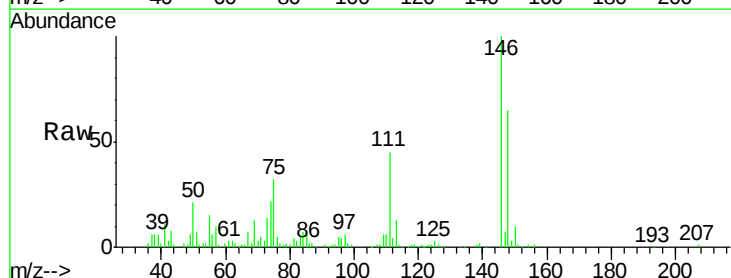
Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

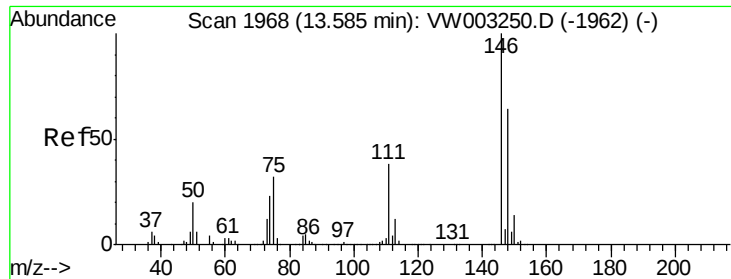
Tgt Ion:119 Resp: 24828
Ion Ratio Lower Upper
119 100
134 27.2 12.9 38.7
91 29.8 11.8 35.3



#87
1,3-Dichlorobenzene
Concen: 10.043 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Tgt Ion:146 Resp: 44003
Ion Ratio Lower Upper
146 100
111 44.7 19.8 59.4
148 63.2 32.1 96.5

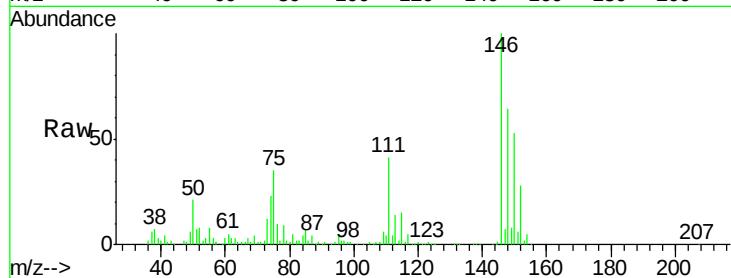




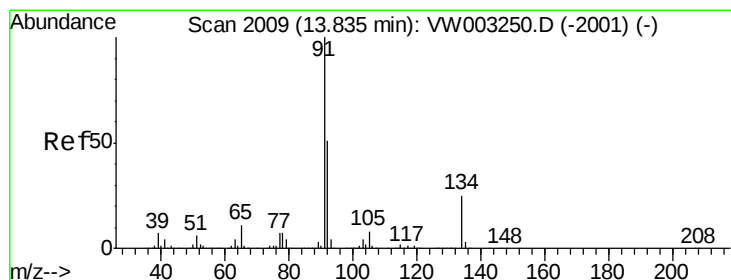
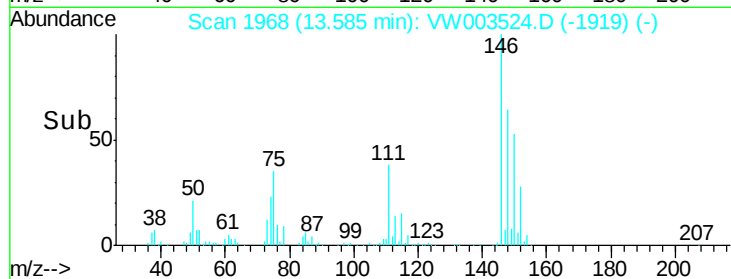
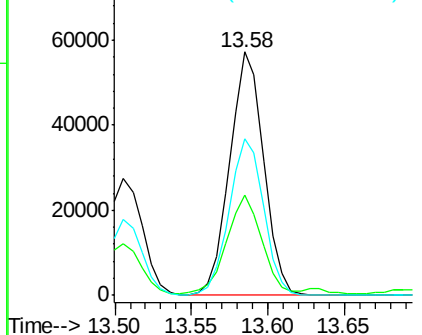
#88
 1,4-Dichlorobenzene
 Concen: 20.227 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0479-180620

Tgt Ion:146 Resp: 88101
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.2 57.6
 148 65.3 31.8 95.4

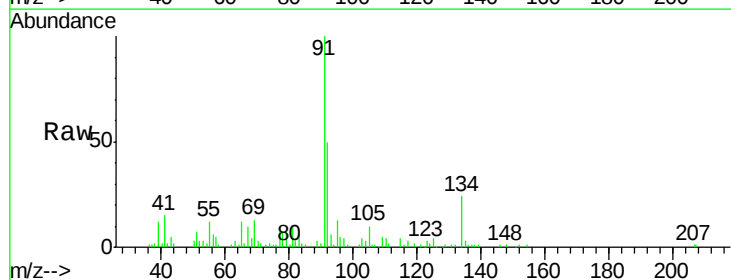


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

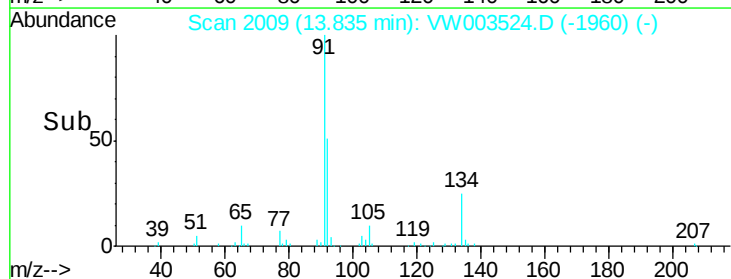
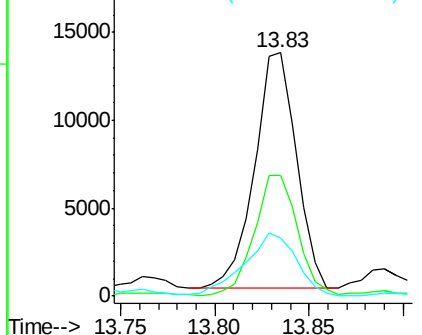


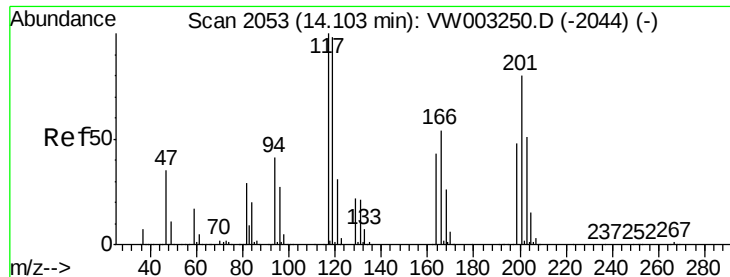
#89
 n-Butylbenzene
 Concen: 2.477 ug/l
 RT: 13.83 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: VW003524.D
 Acq: 24 Jun 2018 21:06

Tgt Ion: 91 Resp: 20734
 Ion Ratio Lower Upper
 91 100
 92 52.0 26.0 78.0
 134 33.6 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: 1.149 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

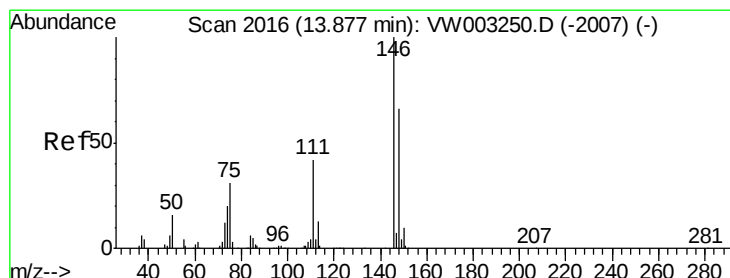
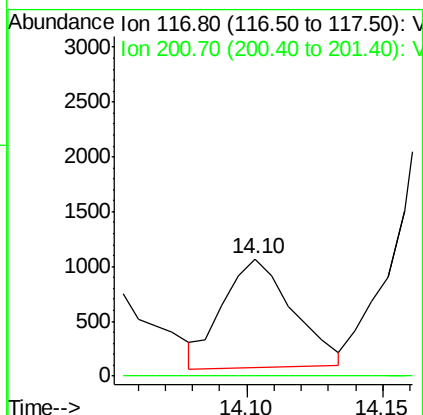
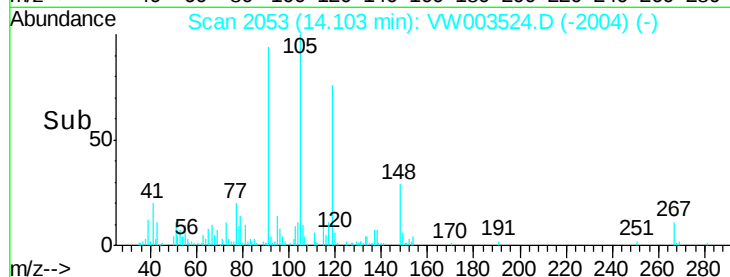
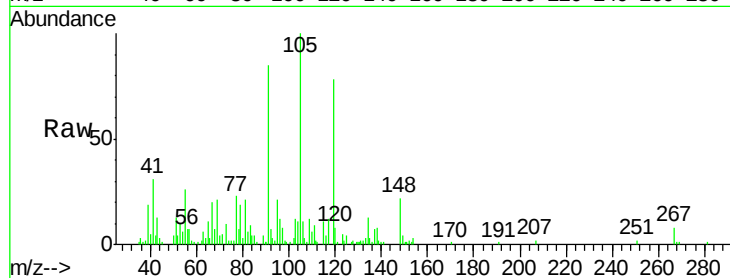
DUP-0479-180620

Tgt Ion:117 Resp: 1785

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#



#91

1,2-Dichlorobenzene

Concen: 58.724 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003524.D

Acq: 24 Jun 2018 21:06

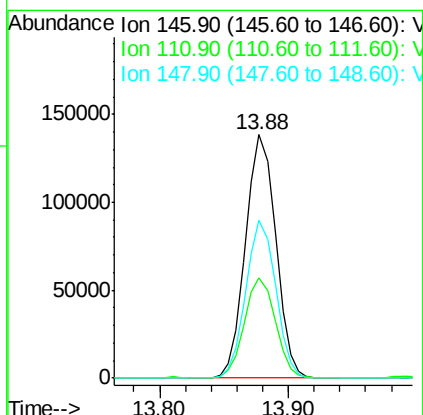
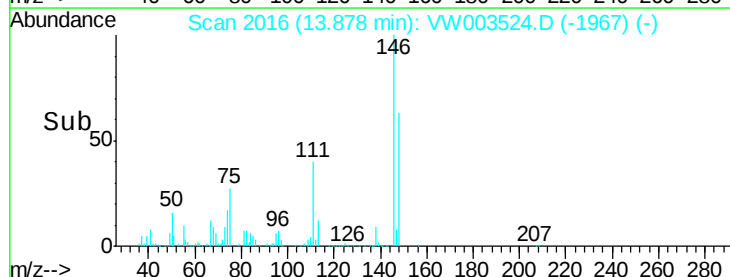
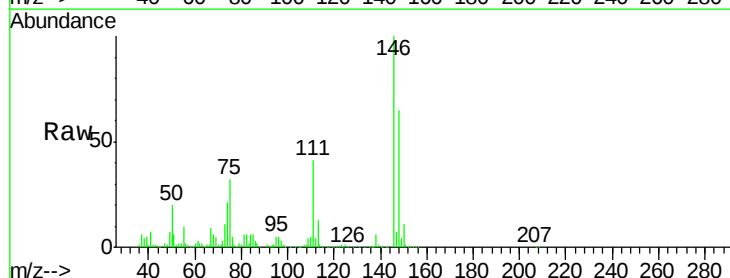
Tgt Ion:146 Resp: 225376

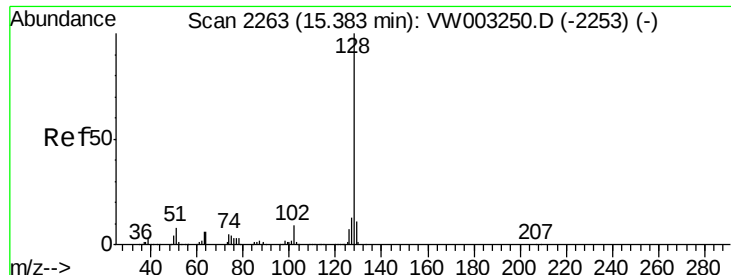
Ion Ratio Lower Upper

146 100

111 41.9 20.3 61.0

148 63.8 32.3 96.9

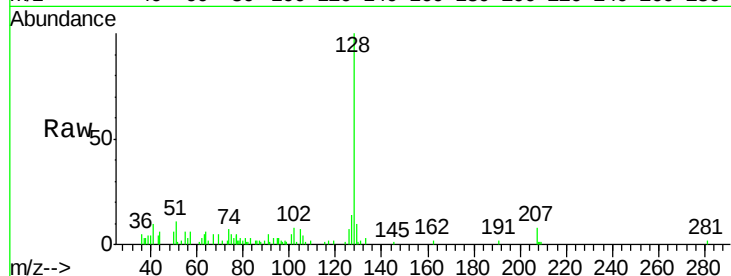




#95
Naphthalene
Concen: 2.055 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW003524.D
Acq: 24 Jun 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
DUP-0479-180620

Tgt Ion:128 Resp: 9394
Ion Ratio Lower Upper
128 100
127 18.6 10.5 15.7#
129 12.0 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

