

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW113018\
 Data File : VW007147.D
 Acq On : 30 Nov 2018 17:00
 Operator : SY/AP
 Sample : J6002-06
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X2E81

Quant Time: Nov 30 22:55:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 15:51:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	138283	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	135093	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	29779	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.24%
7) Chloroethane-d5	2.88	69	21505	25.49	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
10) 1,1-Dichloroethene-d2	4.02	63	74308	24.24	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.96%
20) 2-Butanone-d5	7.08	46	27425	57.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.14%
24) Chloroform-d	7.65	84	72813	25.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	8.31	65	44569	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.32%
29) Benzene-d6	8.28	84	163121	25.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.64%
33) 1,2-Dichloropropane-d6	9.27	67	47270	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.80%
37) Toluene-d8	10.33	98	170118	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	10.58	79	22459	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.92%
39) 2-Hexanone-d5	10.93	63	24111	55.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45219	26.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	65696	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	28362	11.222	ug/L	99
3) Chloromethane	2.22	50	25299	14.332	ug/L	98
5) Vinyl chloride	2.36	62	41766	26.432	ug/L	99
6) Bromomethane	2.76	94	15470	17.066	ug/L	97
8) Chloroethane	2.92	64	7948	9.334	ug/L	93
9) Trichlorofluoromethane	3.26	101	34795	11.753	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	39648	22.694	ug/L	99
12) 1,1-Dichloroethene	4.04	96	28087	18.246	ug/L	90
15) Methyl Acetate	4.68	43	23096	27.907	ug/L	97
16) Methylene chloride	4.93	84	42627	19.282	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	178937	45.227	ug/L	99
21) 2-Butanone	7.17	43	24896	48.589	ug/L	97
25) Chloroform	7.68	83	67867	22.218	ug/L	100
30) Cyclohexane	7.96	56	62555	21.244	ug/L	98
34) Benzene	8.32	78	296396	42.340	ug/L	100
35) Trichloroethene	9.09	95	103059	54.299	ug/L	98
40) 1,2-Dichloropropane	9.27	63	5130	3.055	ug/L #	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

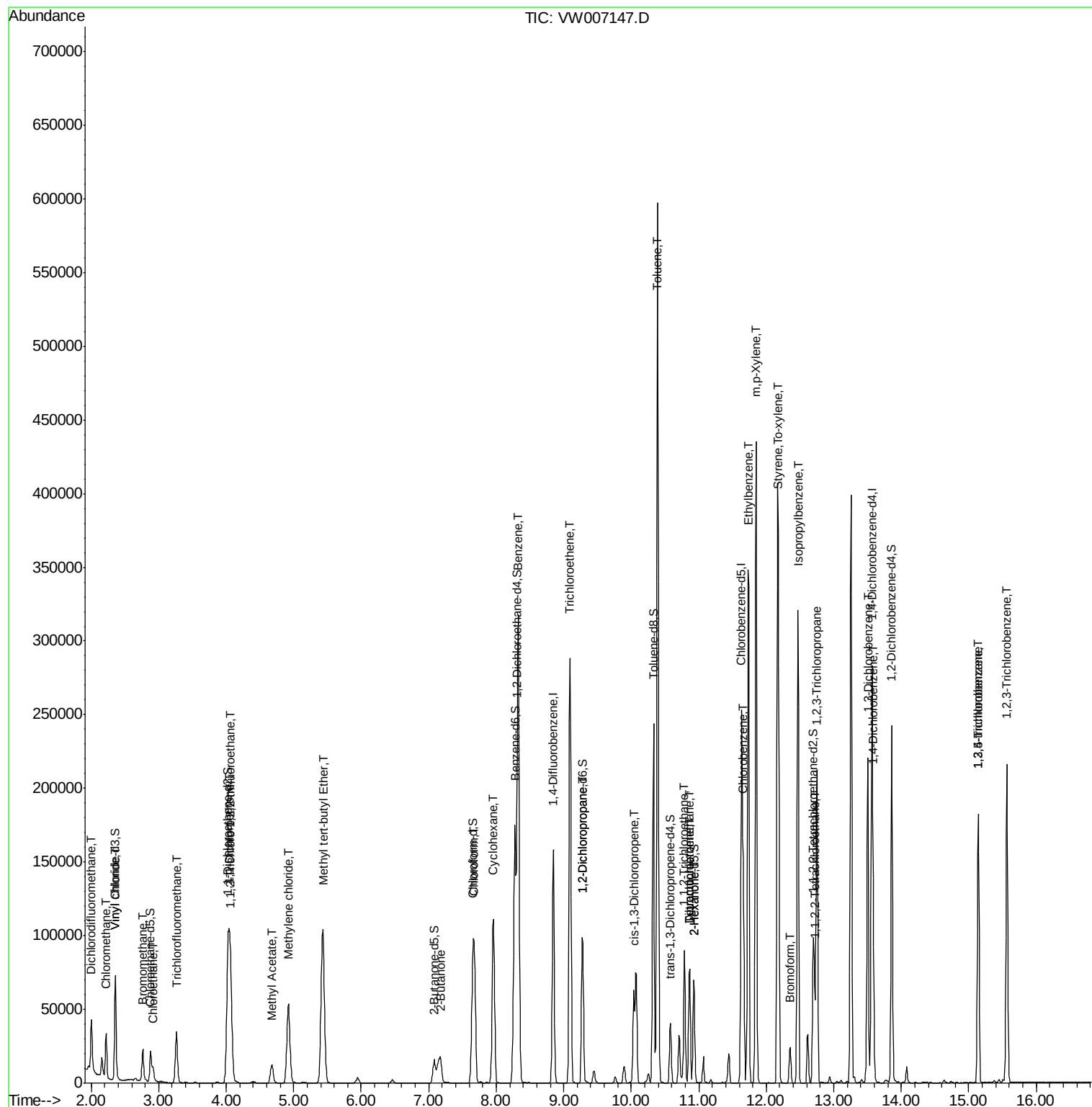
42) cis-1,3-Dichloropropene	10.04	75	1656	0.621	ug/L	92
44) Toluene	10.39	91	439812	52.433	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	28558	21.597	ug/L	99
47) Tetrachloroethene	10.87	164	17128	10.331	ug/L	89
49) 2-Hexanone	10.93	43	2876	3.419	ug/L #	65
50) Dibromochloromethane	10.87	129	18045	11.204	ug/L #	10
52) Chlorobenzene	11.66	112	71801	12.984	ug/L	97
53) Ethylbenzene	11.73	91	254342	26.154	ug/L	98
54) m,p-Xylene	11.85	106	120042	31.636	ug/L	95
55) o-xylene	12.17	106	94239	26.781	ug/L	94
56) Styrene	12.18	104	66688	11.207	ug/L	99
57) Isopropylbenzene	12.47	105	206761	21.131	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	22023	13.106	ug/L	95
59) 1,2,3-Trichloropropane	12.75	75	7780	5.924	ug/L #	1
62) Bromoform	12.35	173	11364	11.944	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	93944	20.545	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	46041	10.010	ug/L	96
67) 1,3,5-Trichlorobenzene	15.14	180	55546	16.175	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	55546	19.027	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	75571	29.665	ug/L	99

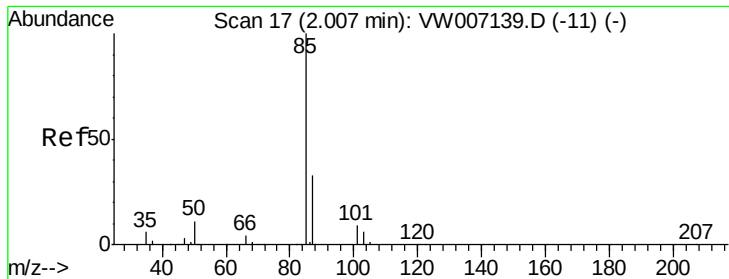
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 11.222 ug/L

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

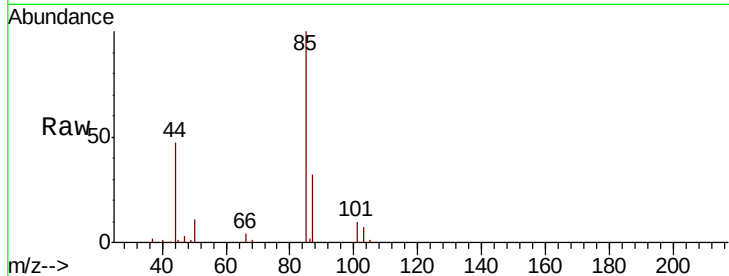
X2E81

Tgt Ion: 85 Resp: 28362

Ion Ratio Lower Upper

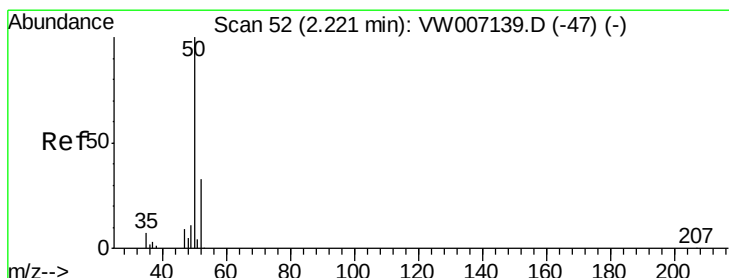
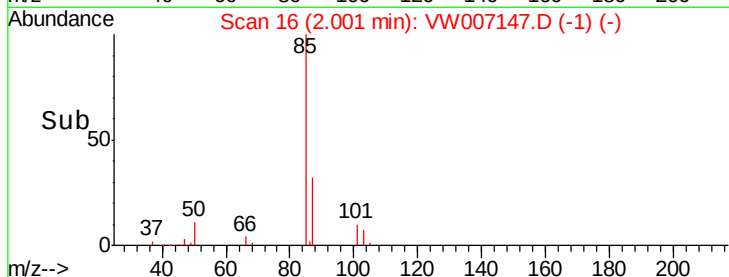
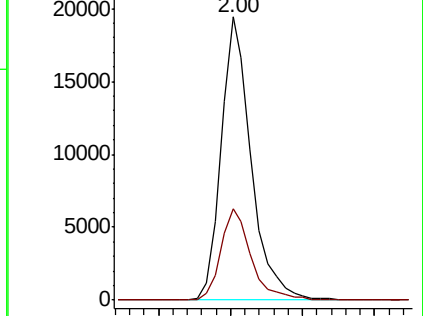
85 100

87 32.5 22.5 41.9



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 14.332 ug/L

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW007147.D

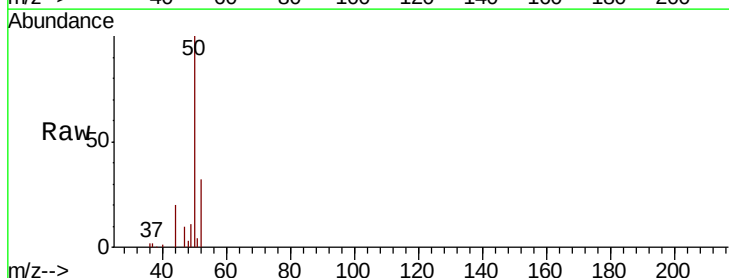
Acq: 30 Nov 2018 17:00

Tgt Ion: 50 Resp: 25299

Ion Ratio Lower Upper

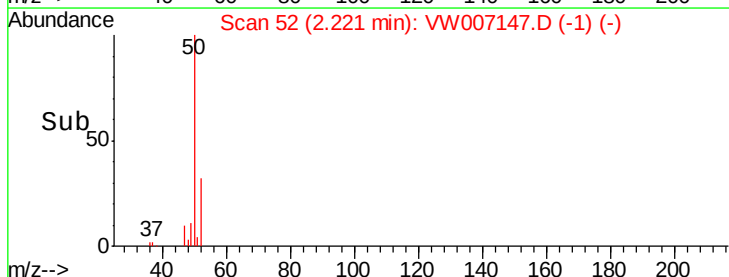
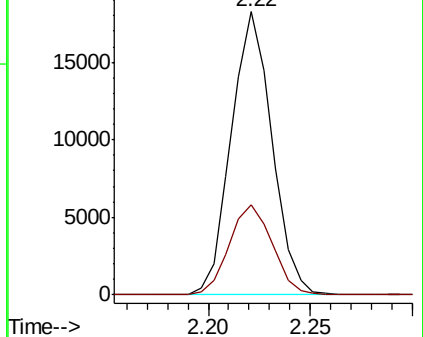
50 100

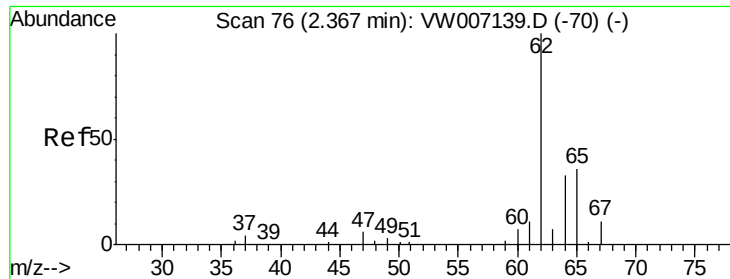
52 31.7 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 26.432 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

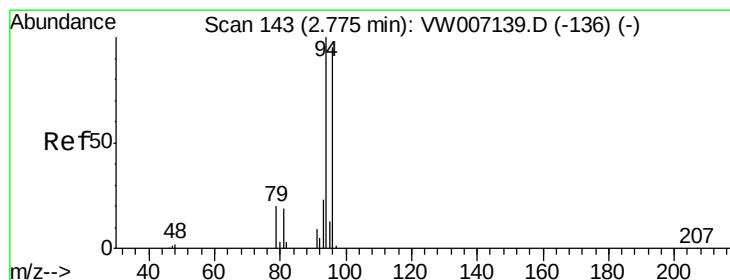
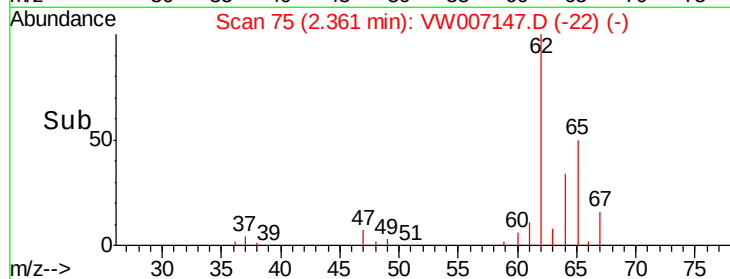
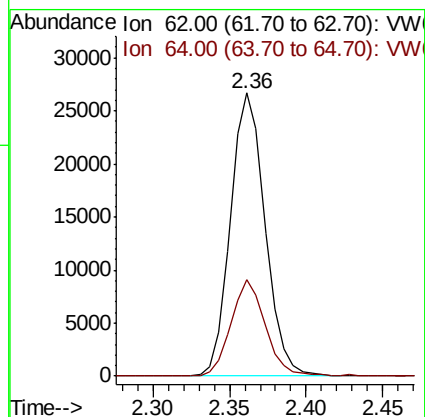
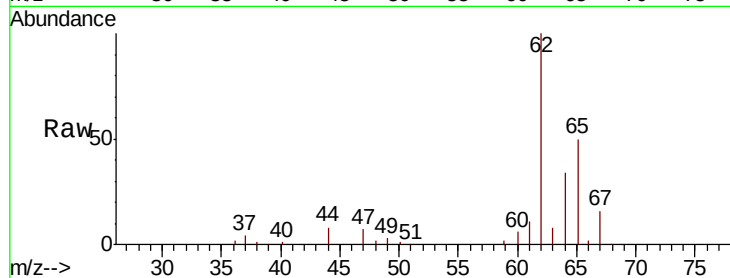
X2E81

Tgt Ion: 62 Resp: 41766

Ion Ratio Lower Upper

62 100

64 33.9 23.5 43.7



#6

Bromomethane

Concen: 17.066 ug/L

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW007147.D

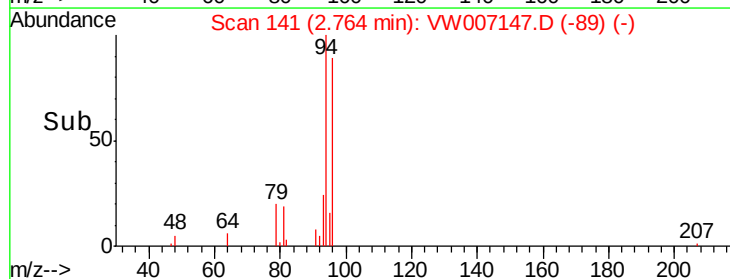
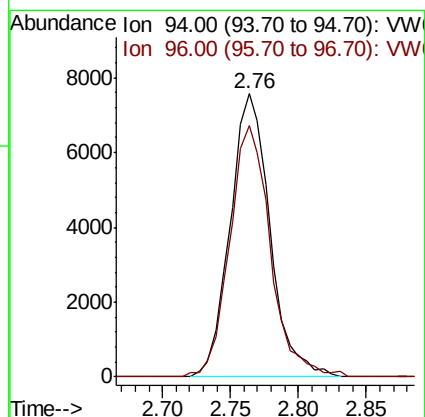
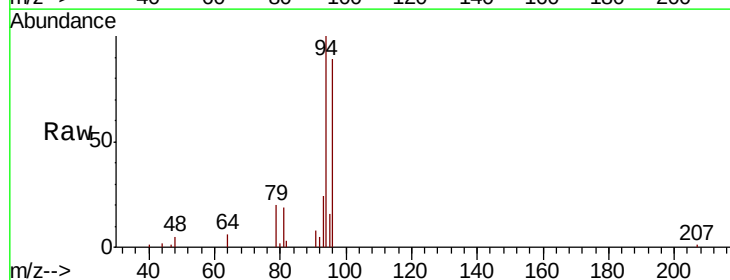
Acq: 30 Nov 2018 17:00

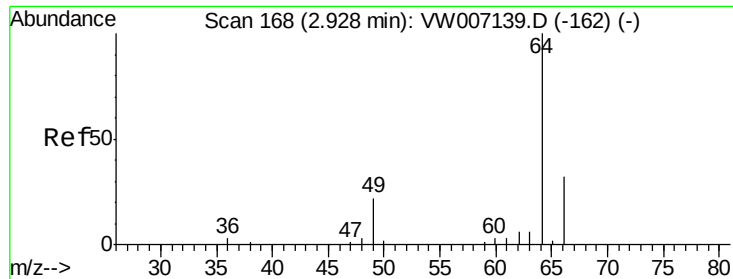
Tgt Ion: 94 Resp: 15470

Ion Ratio Lower Upper

94 100

96 90.4 9.3 176.7





#8

Chloroethane

Concen: 9.334 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

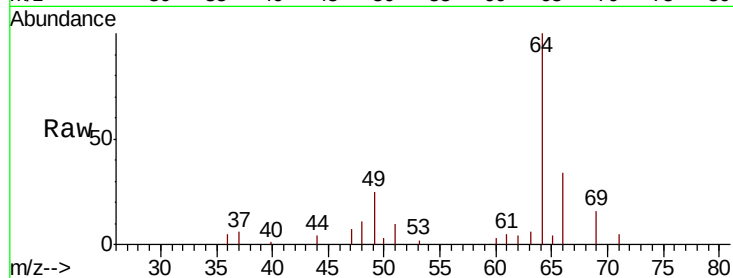
X2E81

Tgt Ion: 64 Resp: 7948

Ion Ratio Lower Upper

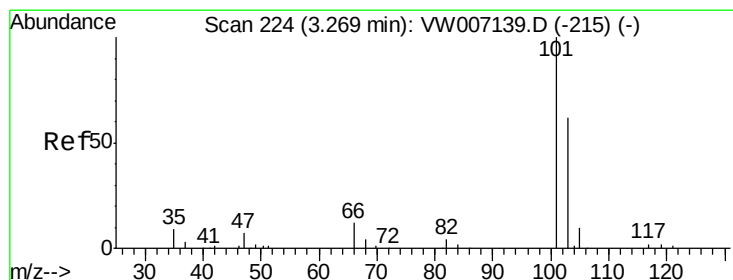
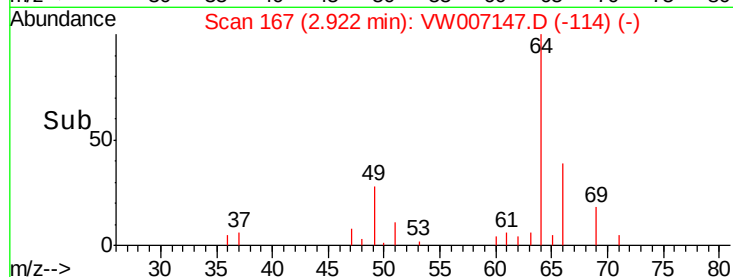
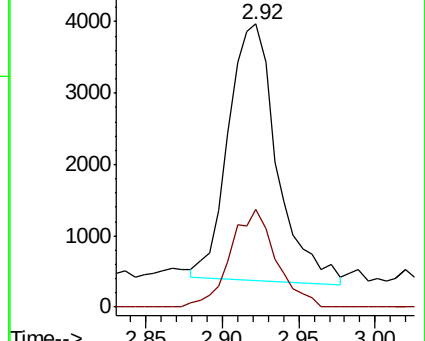
64 100

66 34.4 21.4 39.8



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 11.753 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.01 min

Lab File: VW007147.D

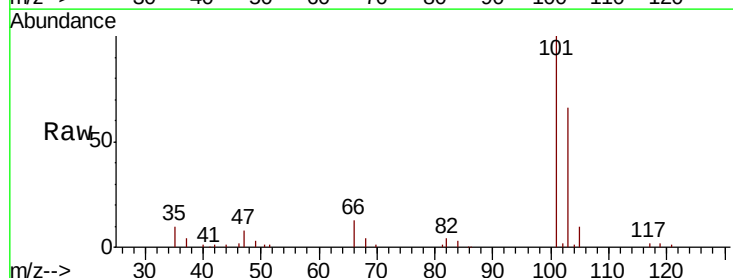
Acq: 30 Nov 2018 17:00

Tgt Ion: 101 Resp: 34795

Ion Ratio Lower Upper

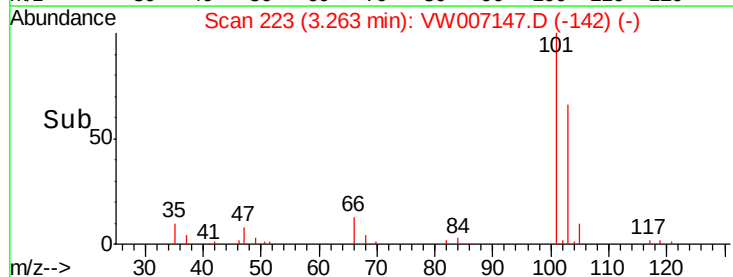
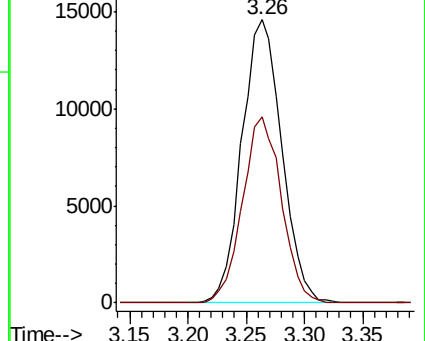
101 100

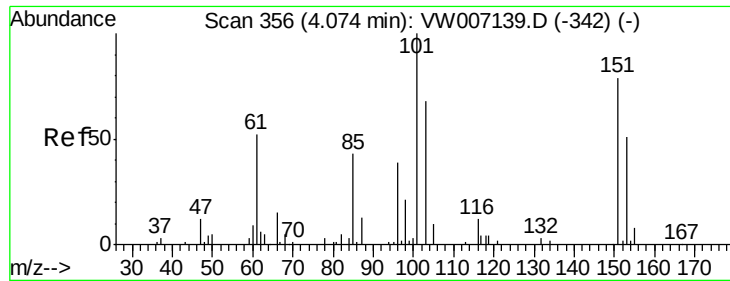
103 64.2 44.4 82.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.694 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Instrument :

MSVOA_W

ClientSampled :

X2E81

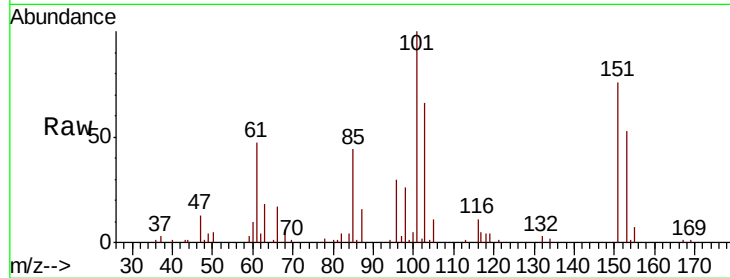
Tgt Ion:101 Resp: 39648

Ion Ratio Lower Upper

101 100

85 42.7 34.8 52.2

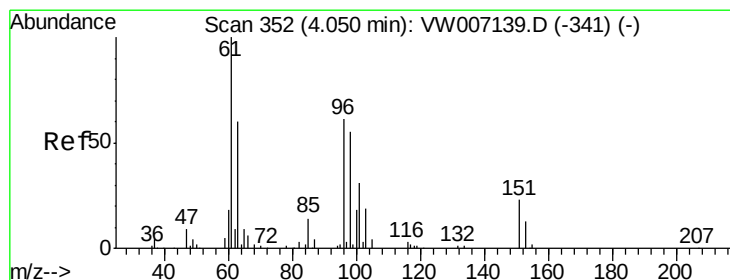
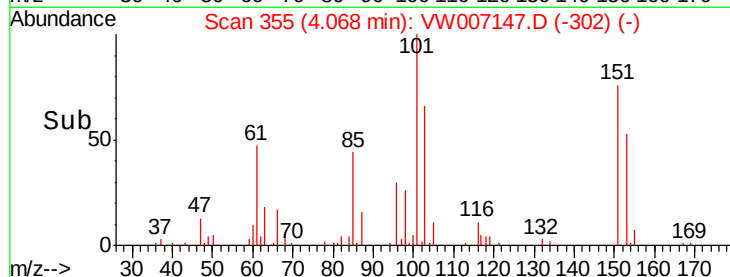
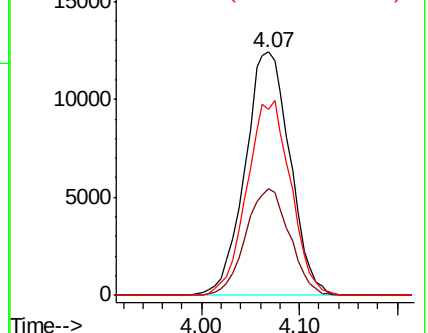
151 78.2 62.8 94.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 18.246 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

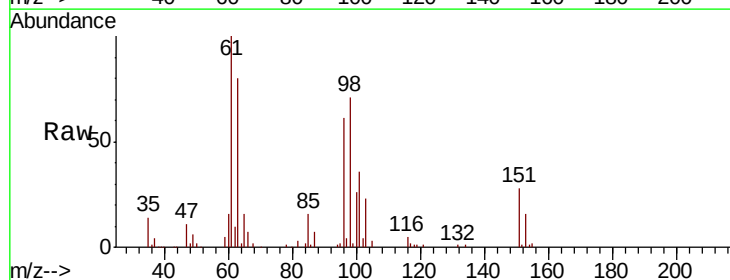
Tgt Ion: 96 Resp: 28087

Ion Ratio Lower Upper

96 100

61 164.2 114.9 213.5

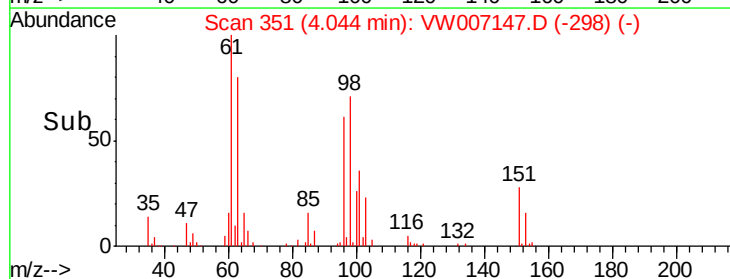
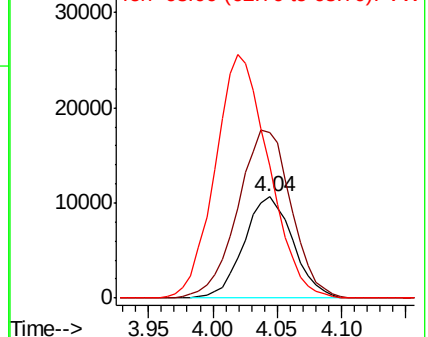
63 130.9 73.1 135.7

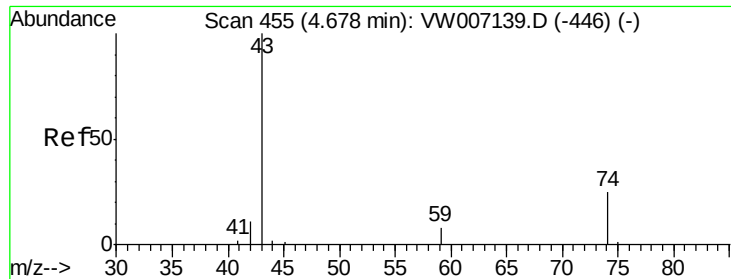


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#15

Methyl Acetate

Concen: 27.907 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

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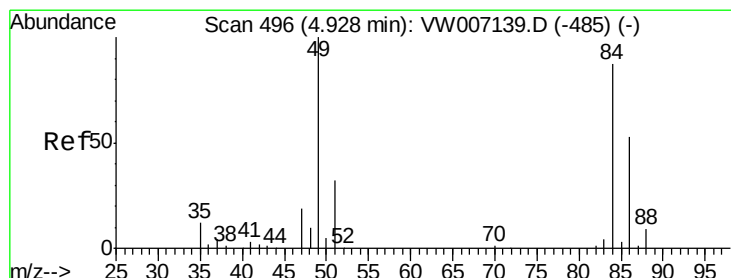
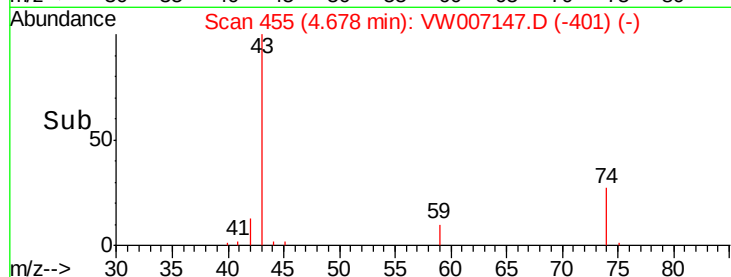
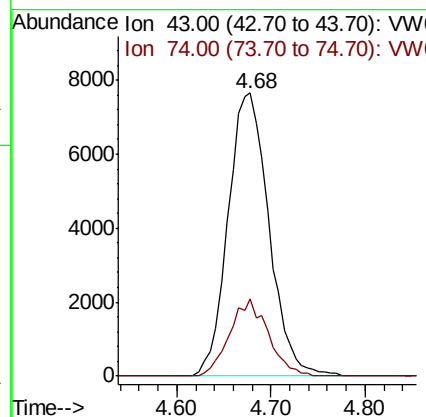
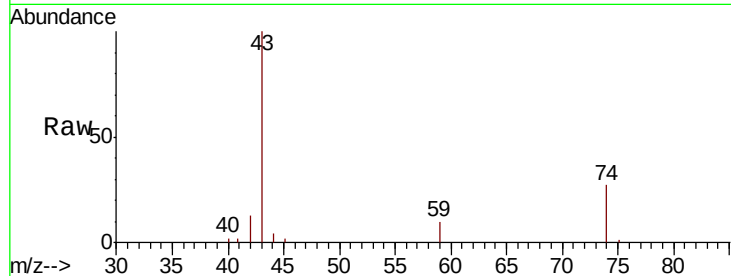
X2E81

Tgt Ion: 43 Resp: 23096

Ion Ratio Lower Upper

43 100

74 25.7 19.3 28.9



#16

Methylene chloride

Concen: 19.282 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

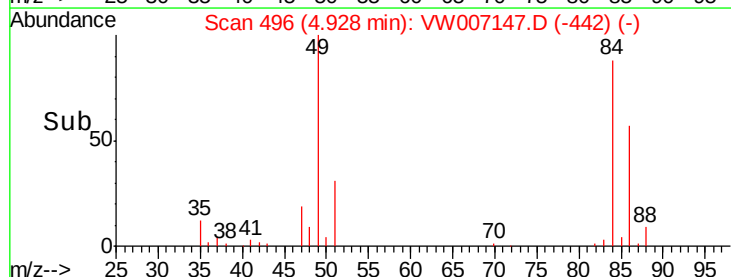
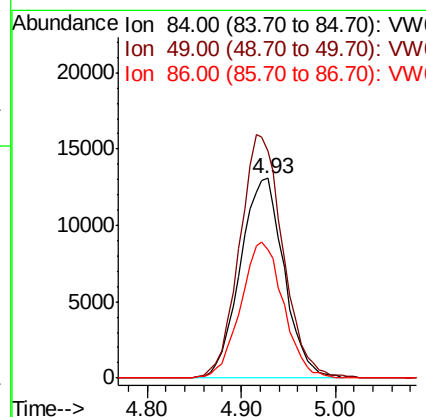
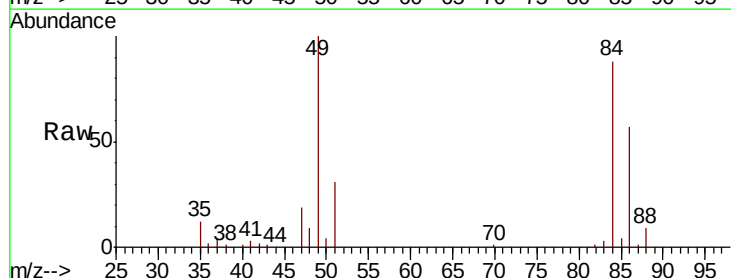
Tgt Ion: 84 Resp: 42627

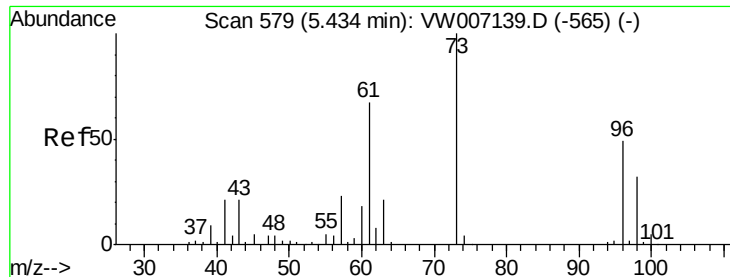
Ion Ratio Lower Upper

84 100

49 113.8 80.9 150.3

86 64.4 42.8 79.6

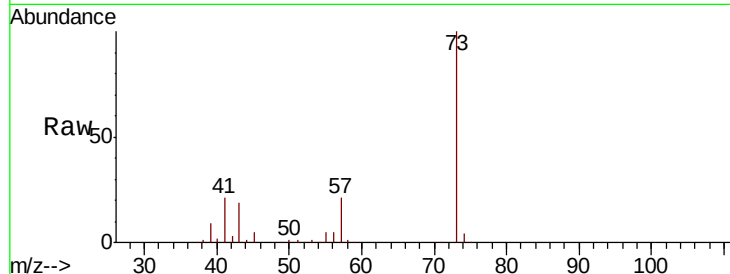




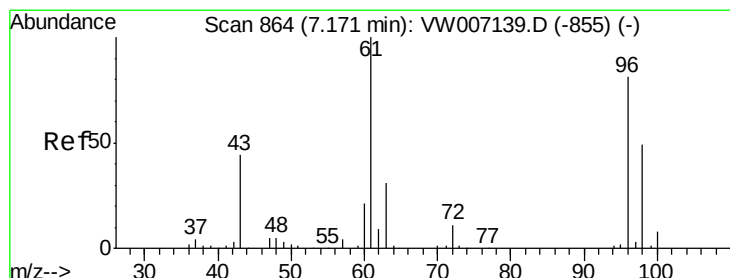
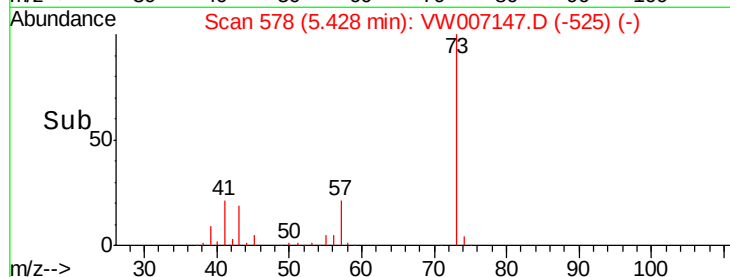
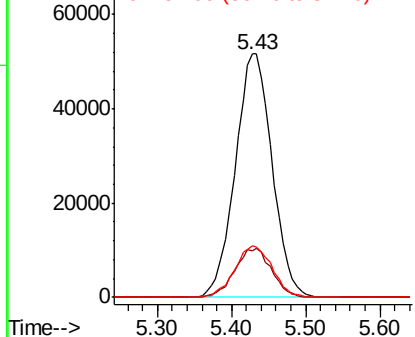
#17
Methyl tert-butyl Ether
Concen: 45.227 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007147.D
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Tgt Ion: 73 Resp: 178937
Ion Ratio Lower Upper
73 100
43 20.1 16.3 24.5
57 21.6 17.4 26.0

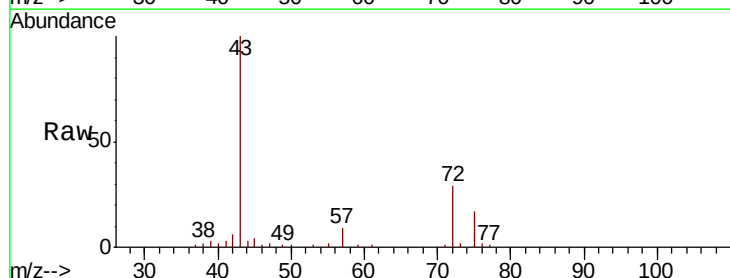


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

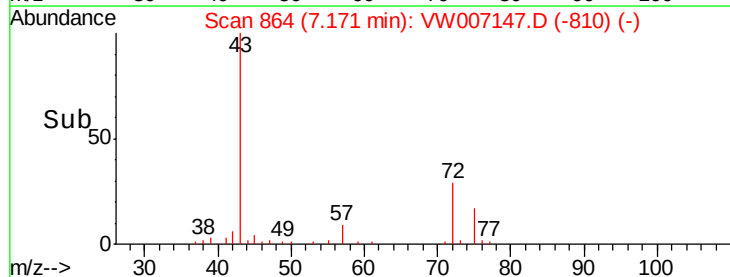
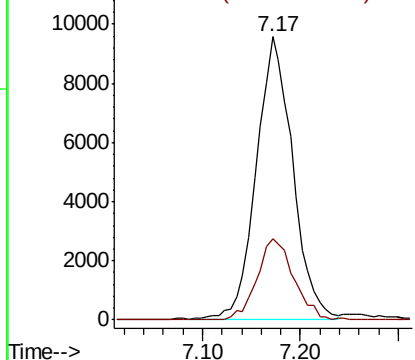


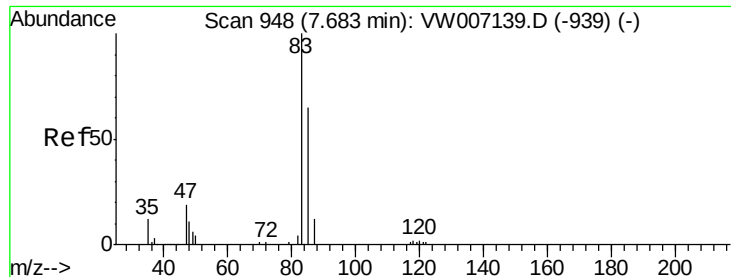
#21
2-Butanone
Concen: 48.589 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007147.D
Acq: 30 Nov 2018 17:00

Tgt Ion: 43 Resp: 24896
Ion Ratio Lower Upper
43 100
72 28.5 13.5 40.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

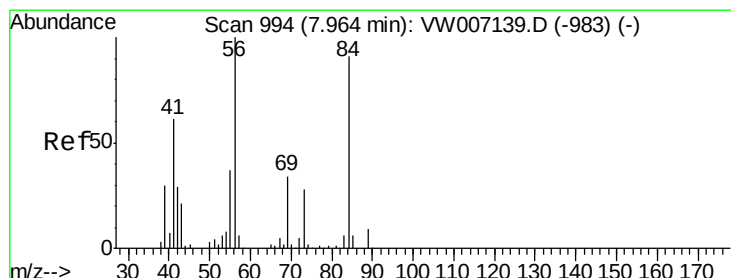
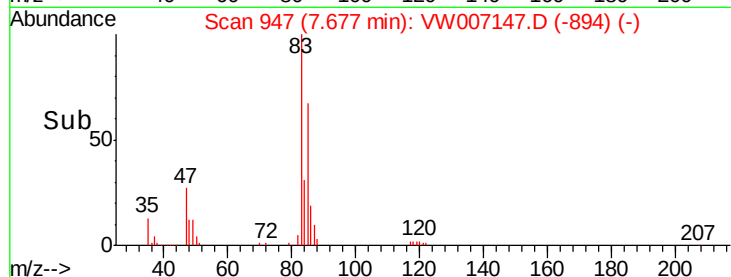
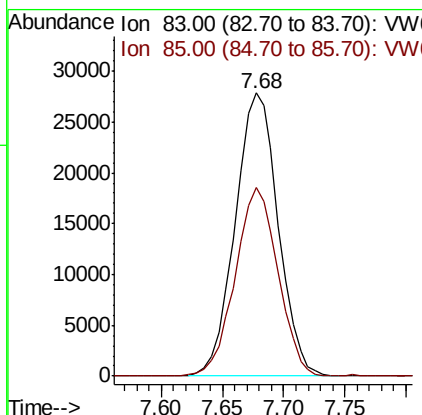
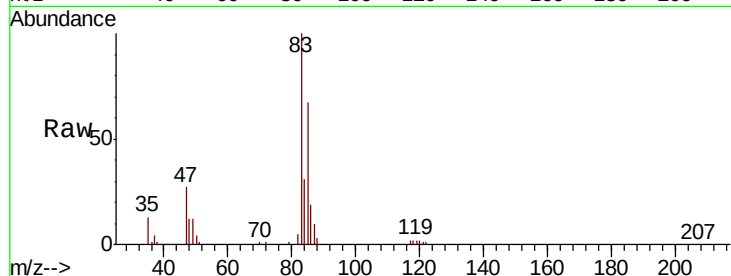




#25
Chloroform
Concen: 22.218 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW007147.D
Acq: 30 Nov 2018 17:00

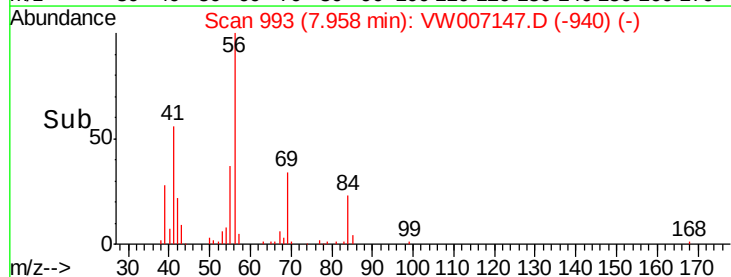
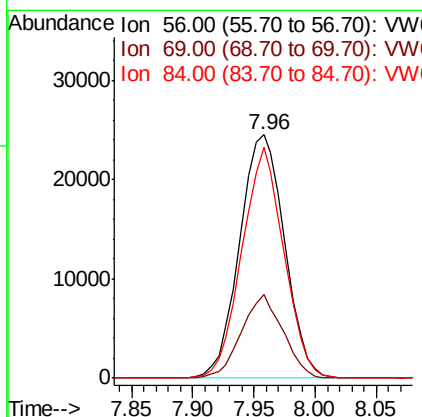
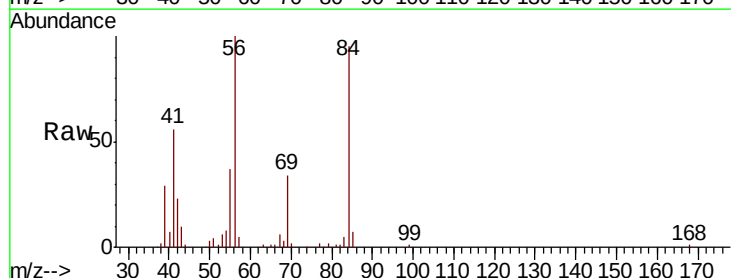
Instrument :
MSVOA_W
ClientSampled :
X2E81

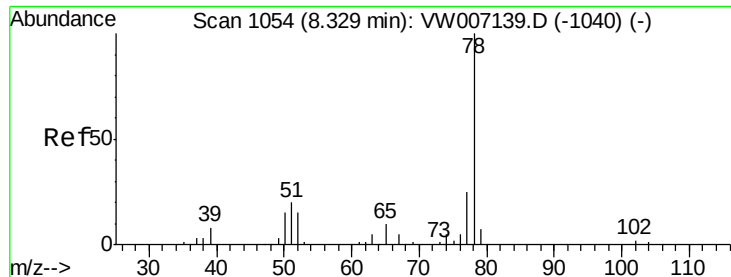
Tgt Ion: 83 Resp: 67867
Ion Ratio Lower Upper
83 100
85 66.1 46.1 85.7



#30
Cyclohexane
Concen: 21.244 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW007147.D
Acq: 30 Nov 2018 17:00

Tgt Ion: 56 Resp: 62555
Ion Ratio Lower Upper
56 100
69 31.8 26.1 39.1
84 88.6 73.0 109.4





#34

Benzene

Concen: 42.340 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

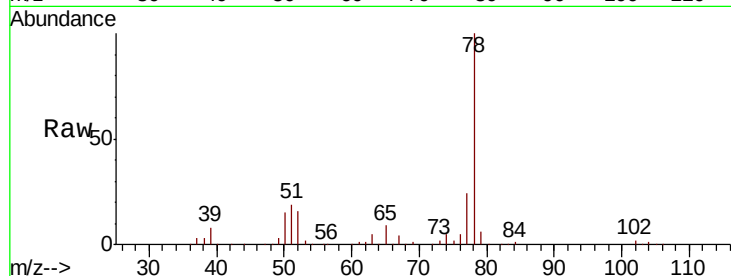
Instrument :

MSVOA_W

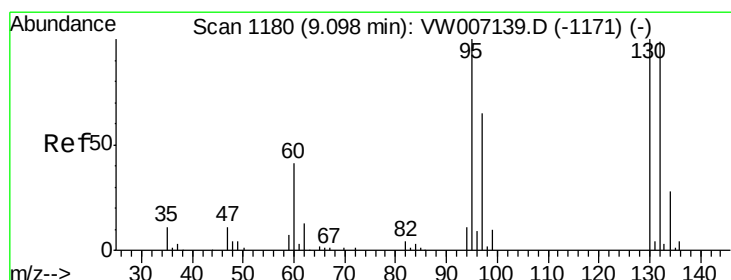
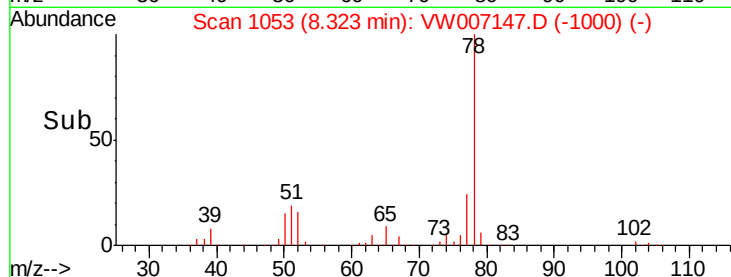
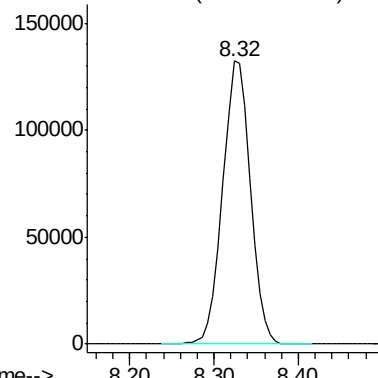
ClientSampleId :

X2E81

Tgt Ion: 78 Resp: 296396



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 54.299 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Tgt Ion: 95 Resp: 103059

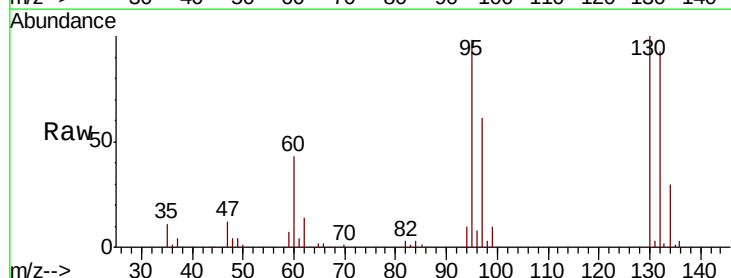
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.7	83.1
132	94.9	68.2	126.6
130	100.2	70.9	131.7

95 100

97 62.9 44.7 83.1

132 94.9 68.2 126.6

130 100.2 70.9 131.7

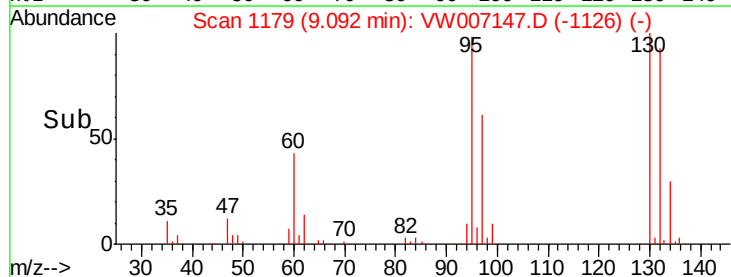
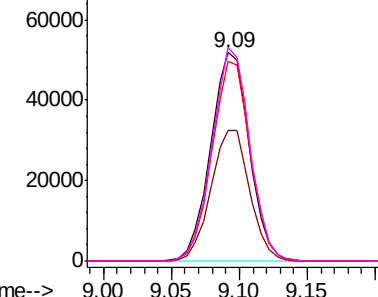


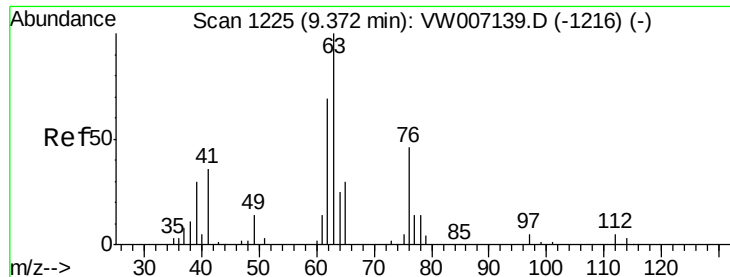
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

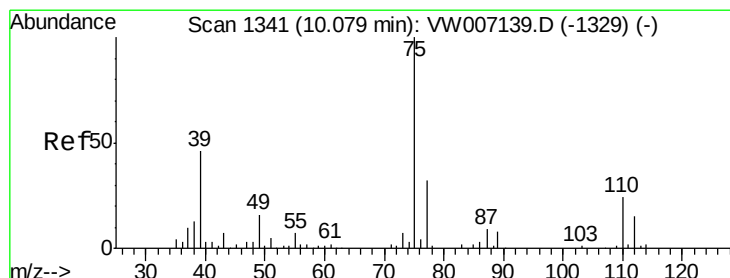
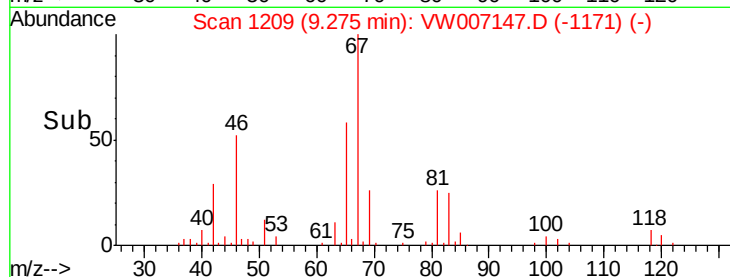
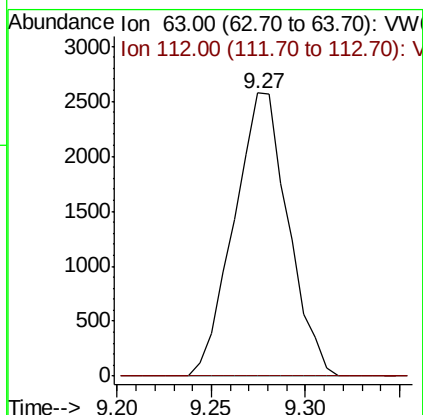
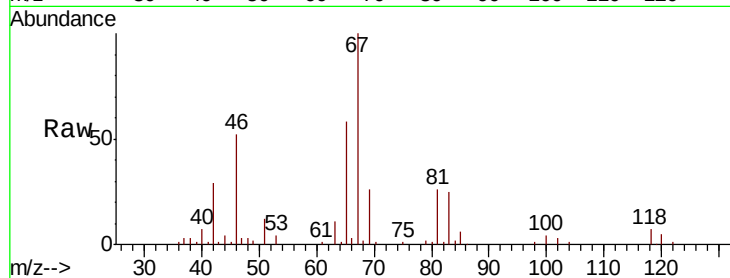




#40
 1,2-Dichloropropane
 Concen: 3.055 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007147.D
 Acq: 30 Nov 2018 17:00

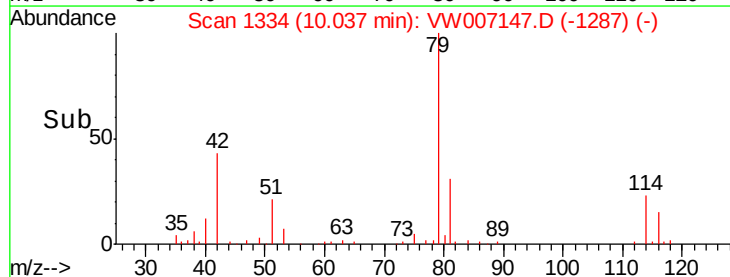
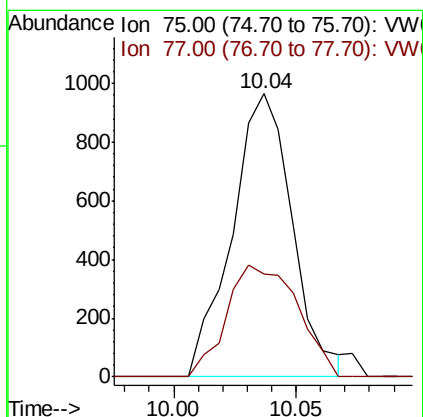
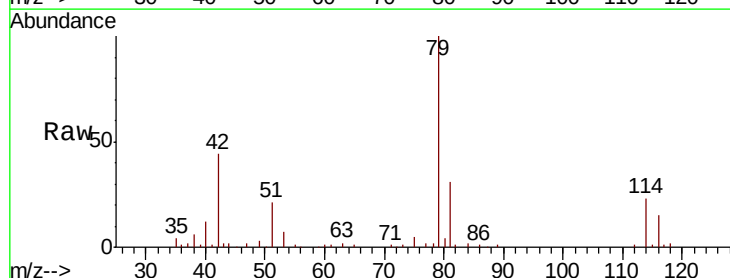
Instrument :
 MSVOA_W
 ClientSampleId :
 X2E81

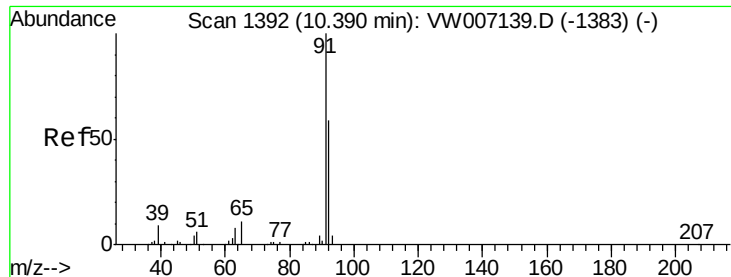
Tgt Ion: 63 Resp: 5130
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.621 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007147.D
 Acq: 30 Nov 2018 17:00

Tgt Ion: 75 Resp: 1656
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.3 41.5





#44

Toluene

Concen: 52.433 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Instrument :

MSVOA_W

ClientSampled :

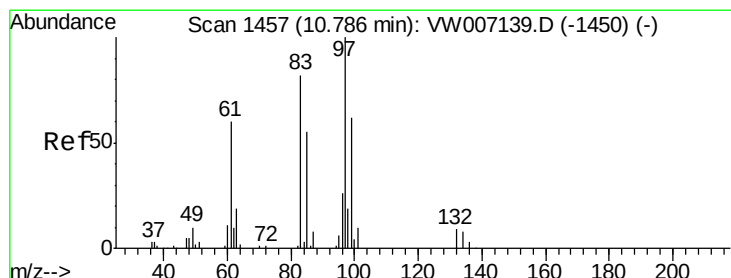
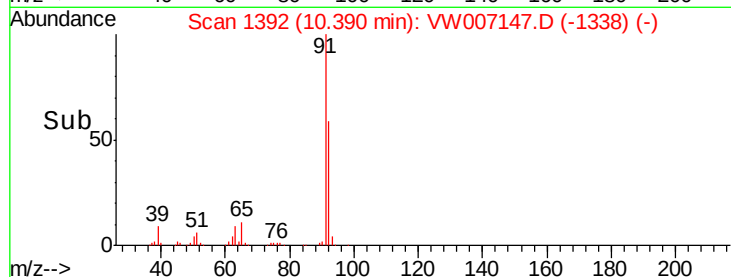
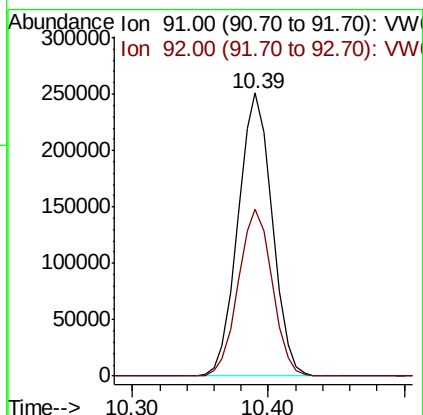
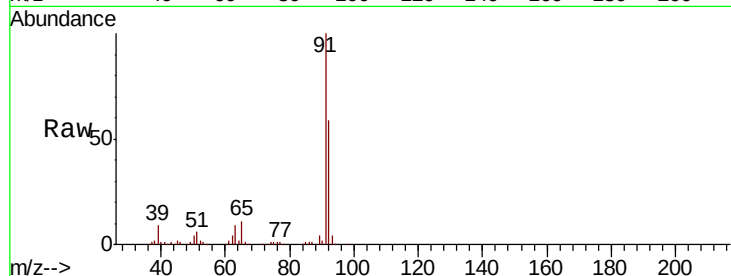
X2E81

Tgt Ion: 91 Resp: 439812

Ion Ratio Lower Upper

91 100

92 58.9 41.2 76.6



#46

1,1,2-Trichloroethane

Concen: 21.597 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Tgt Ion: 97 Resp: 28558

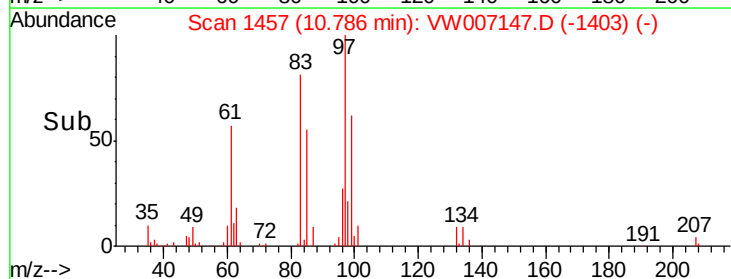
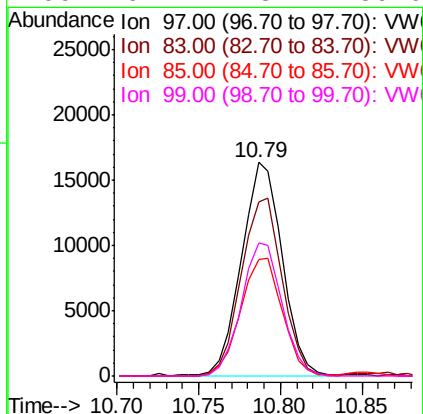
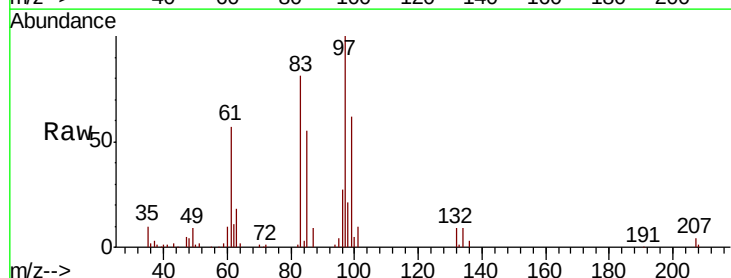
Ion Ratio Lower Upper

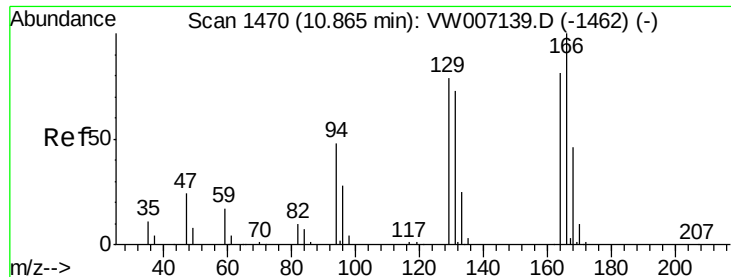
97 100

83 81.3 57.1 106.1

85 54.7 38.6 71.8

99 62.4 43.4 80.6





#47

Tetrachloroethene

Concen: 10.331 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

X2E81

Tgt Ion:164 Resp: 17128

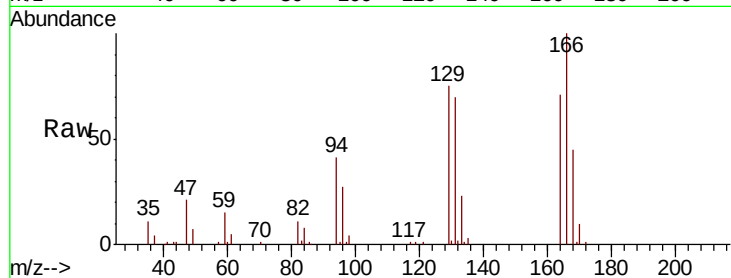
Ion Ratio Lower Upper

164 100

129 105.7 68.5 127.3

131 98.2 63.3 117.7

166 140.3 86.6 160.8

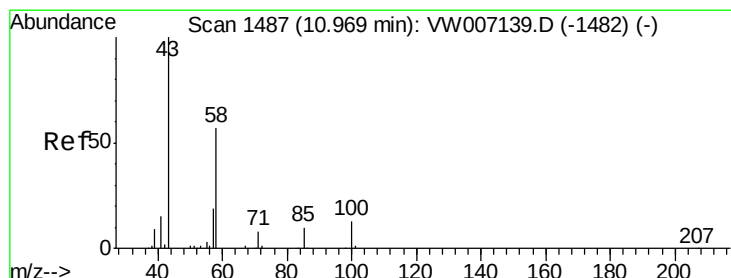
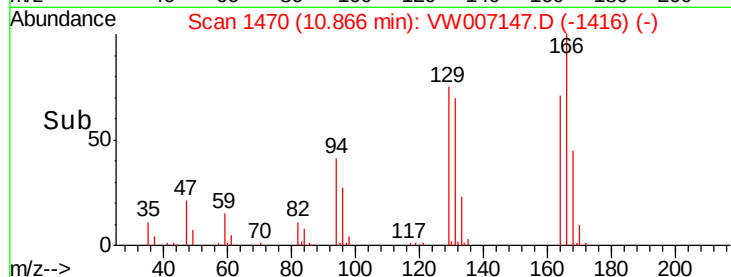
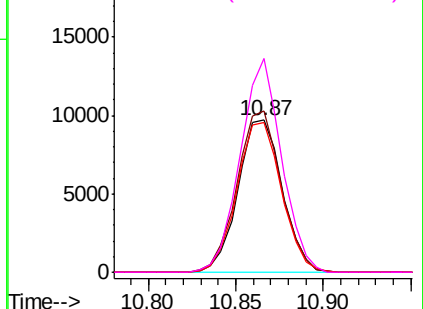


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 3.419 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Tgt Ion: 43 Resp: 2876

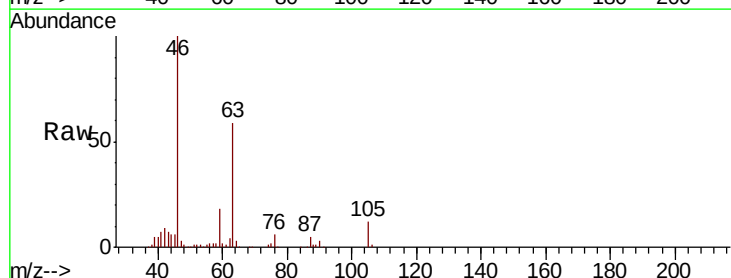
Ion Ratio Lower Upper

43 100

58 24.8 44.2 66.2#

57 28.5 16.3 24.5#

100 0.0 10.1 15.1#

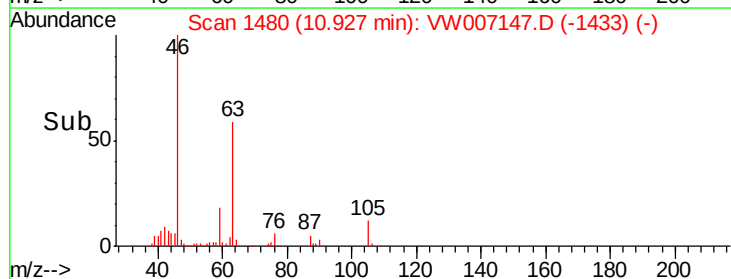
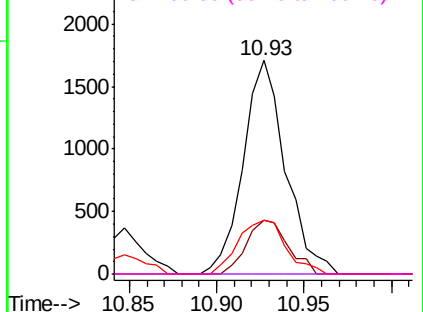


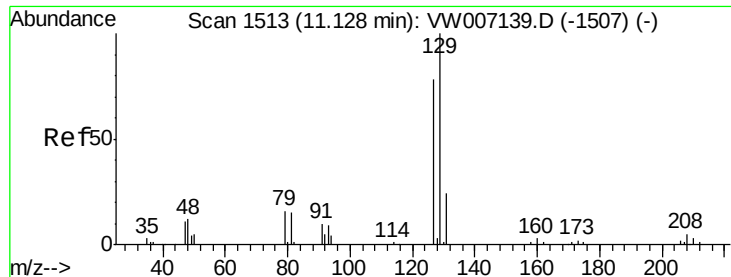
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 11.204 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

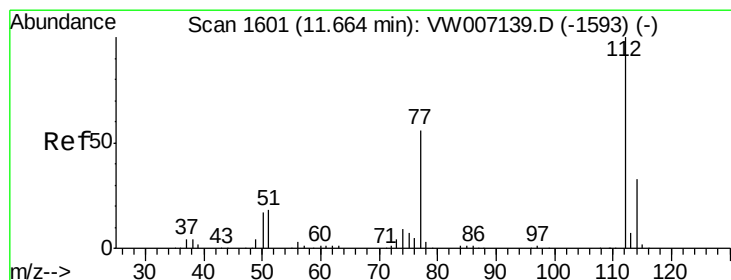
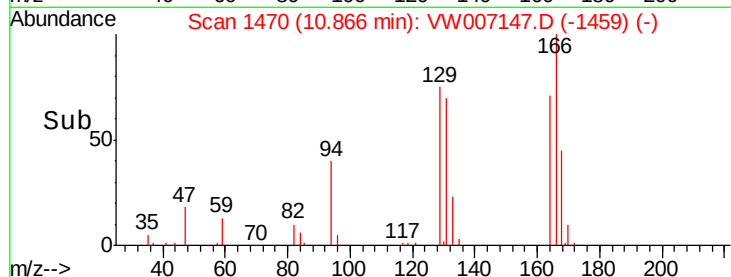
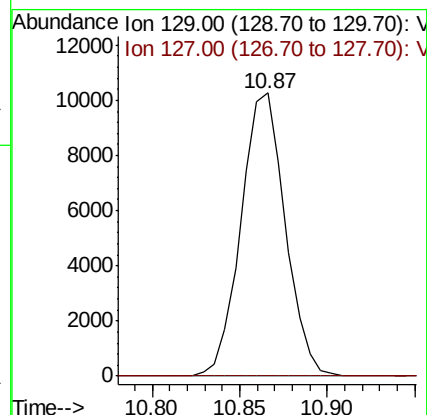
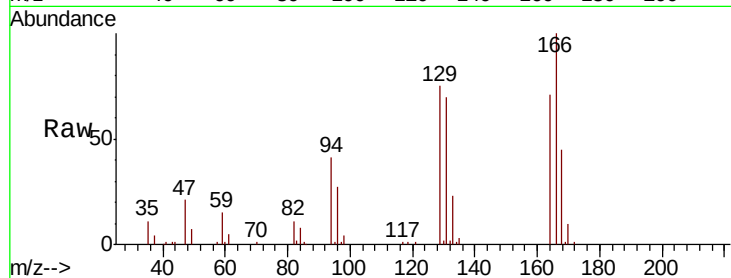
X2E81

Tgt Ion:129 Resp: 18045

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



#52

Chlorobenzene

Concen: 12.984 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

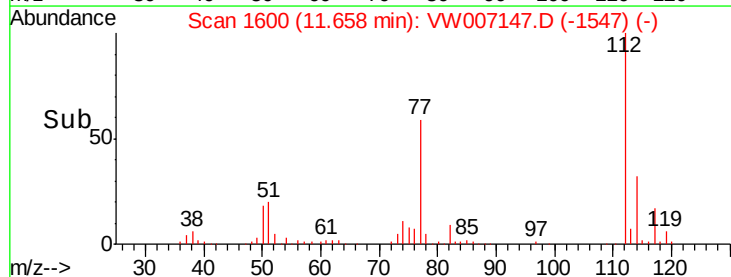
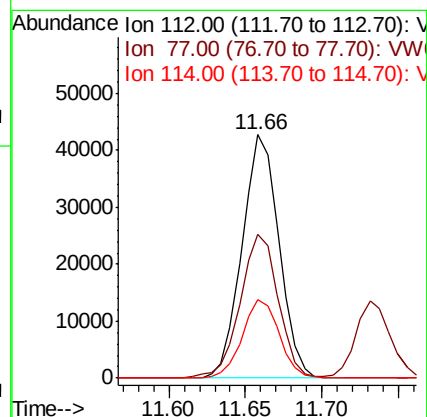
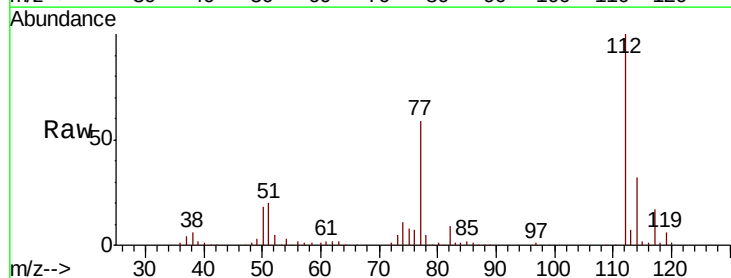
Tgt Ion:112 Resp: 71801

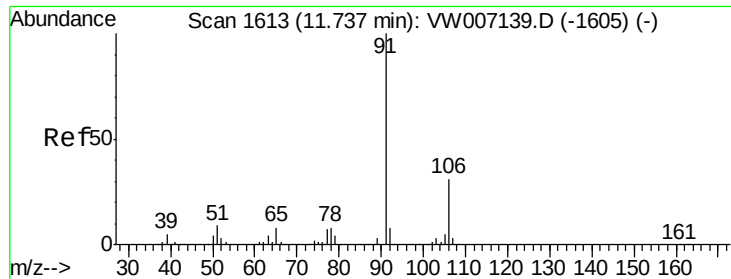
Ion Ratio Lower Upper

112 100

77 59.2 45.0 67.4

114 32.5 22.8 42.4

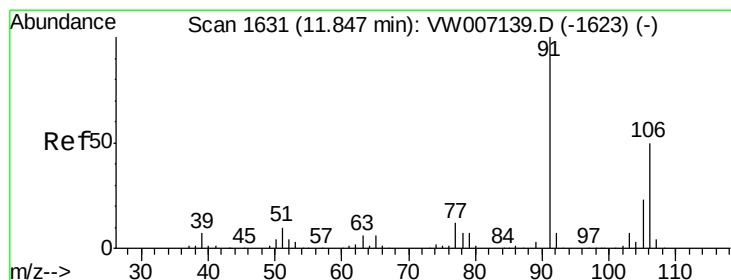
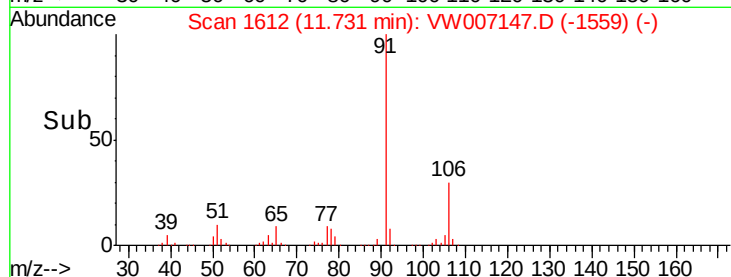
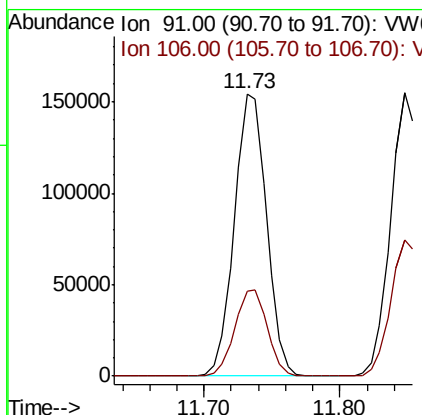
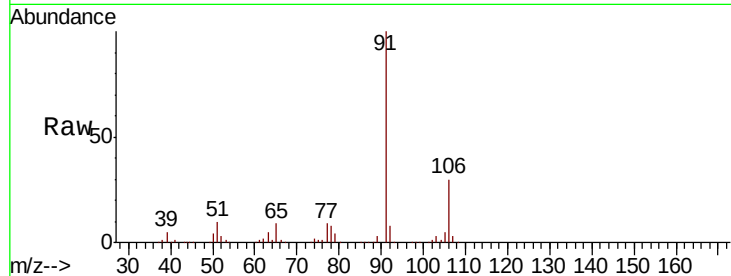




#53
Ethylbenzene
Concen: 26.154 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007147.D
Acq: 30 Nov 2018 17:00

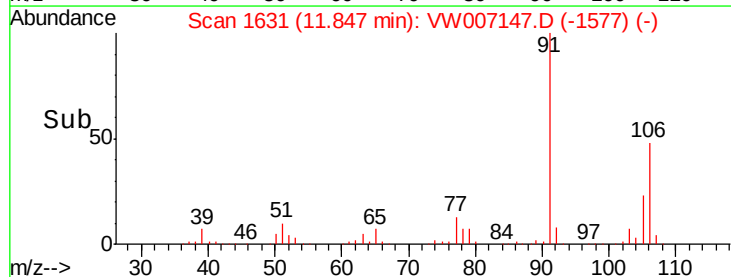
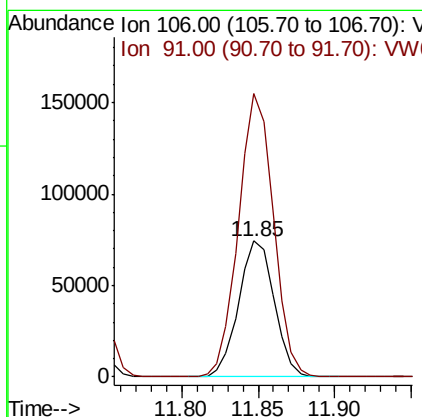
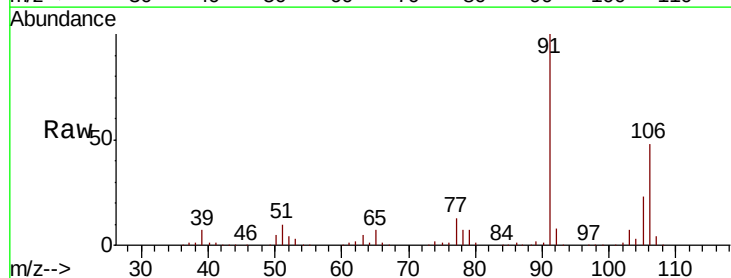
Instrument :
MSVOA_W
ClientSampleId :
X2E81

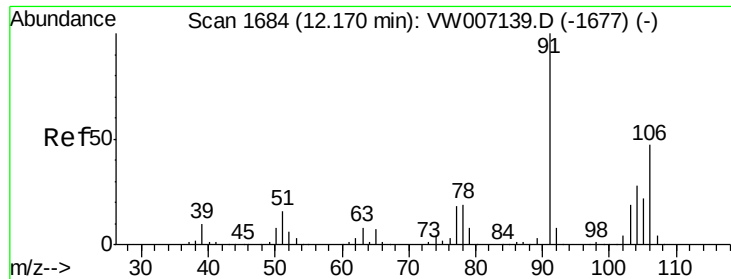
Tgt Ion: 91 Resp: 254342
Ion Ratio Lower Upper
91 100
106 30.2 21.8 40.4



#54
m,p-Xylene
Concen: 31.636 ug/L
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW007147.D
Acq: 30 Nov 2018 17:00

Tgt Ion: 106 Resp: 120042
Ion Ratio Lower Upper
106 100
91 208.4 140.7 261.3

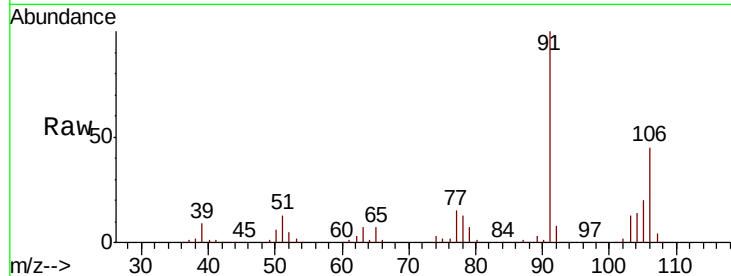




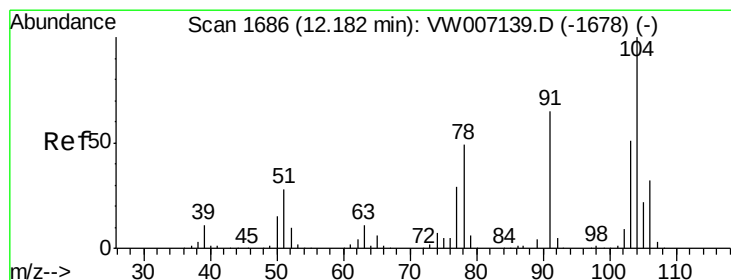
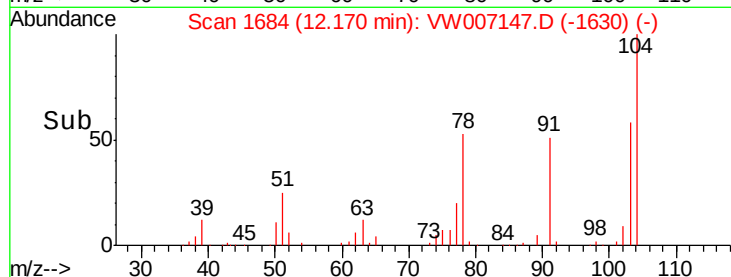
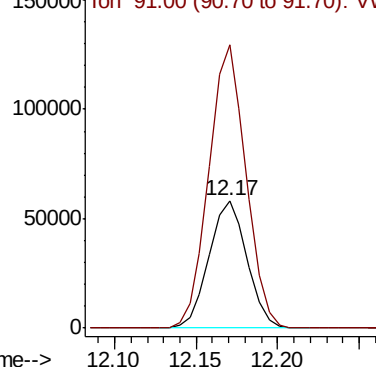
#55
o-xylene
Concen: 26.781 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007147.D
Acq: 30 Nov 2018 17:00

Instrument :
MSVOA_W
ClientSampleId :
X2E81

Tgt Ion:106 Resp: 94239
Ion Ratio Lower Upper
106 100
91 221.7 149.0 276.8

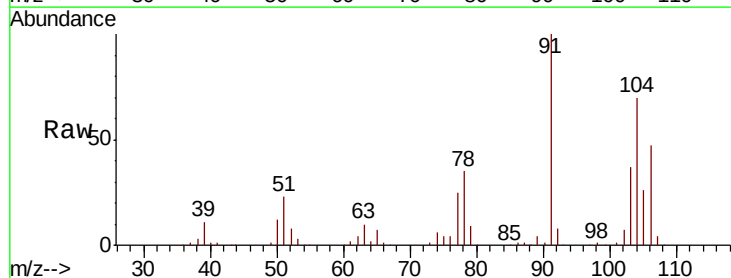


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

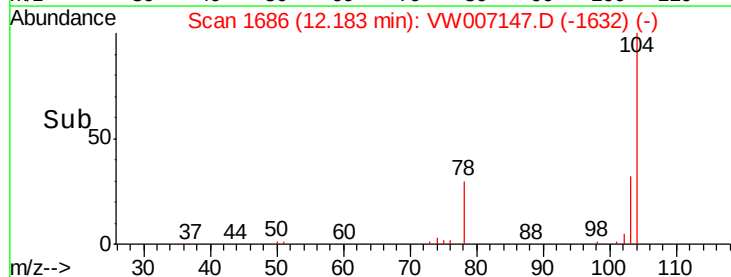
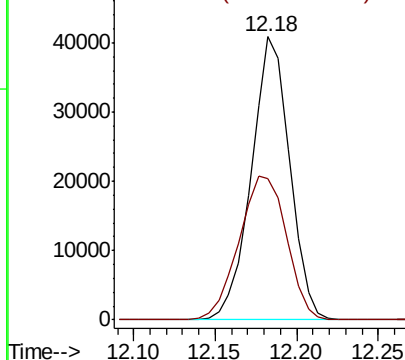


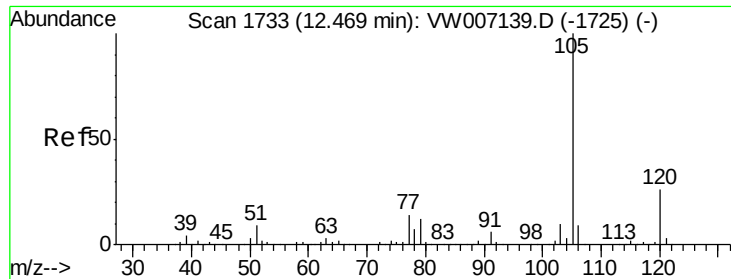
#56
Styrene
Concen: 11.207 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007147.D
Acq: 30 Nov 2018 17:00

Tgt Ion:104 Resp: 66688
Ion Ratio Lower Upper
104 100
78 50.1 34.6 64.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 21.131 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

X2E81

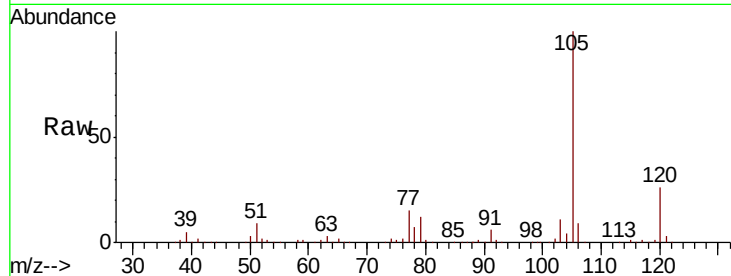
Tgt Ion: 105 Resp: 206761

Ion Ratio Lower Upper

105 100

120 26.2 20.8 31.2

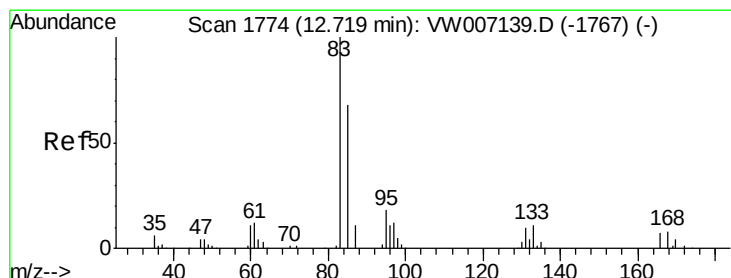
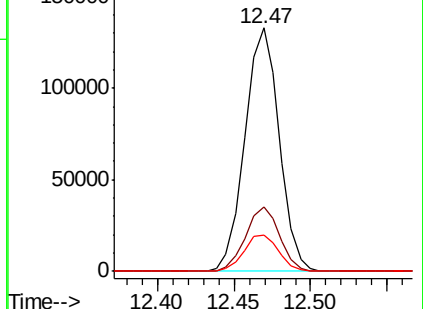
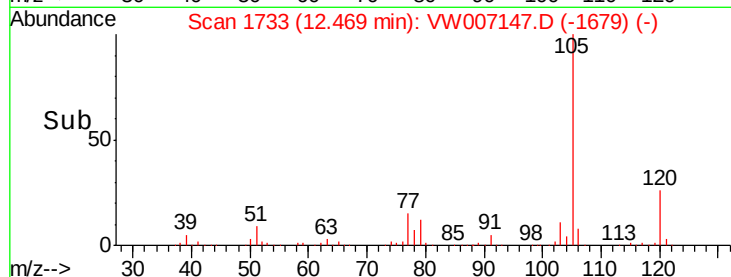
77 15.4 12.0 18.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 13.106 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

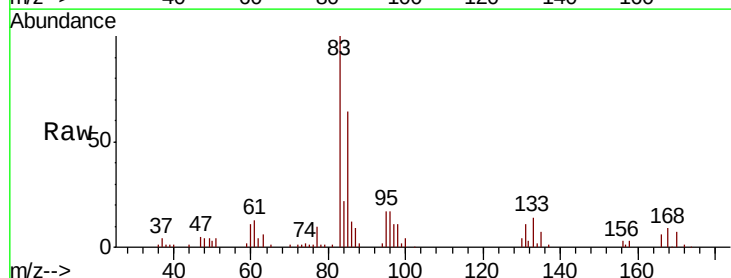
Tgt Ion: 83 Resp: 22023

Ion Ratio Lower Upper

83 100

85 64.3 47.8 88.8

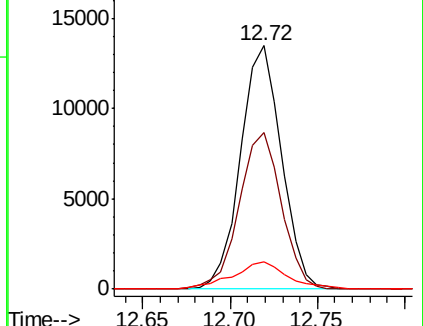
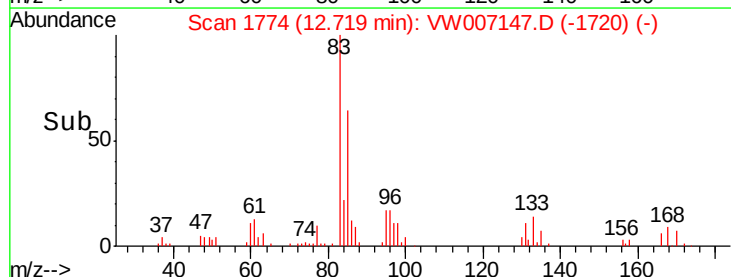
131 11.4 8.2 12.2

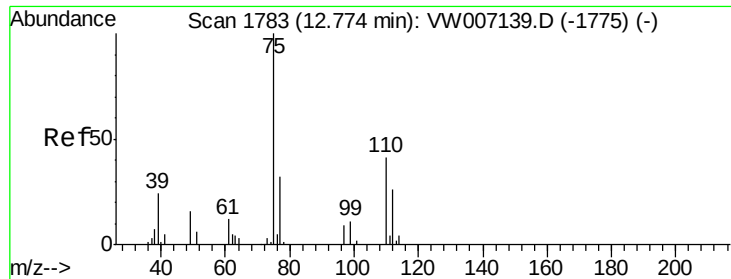


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 5.924 ug/L

RT: 12.75 min Scan# 1779

Delta R.T. -0.02 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

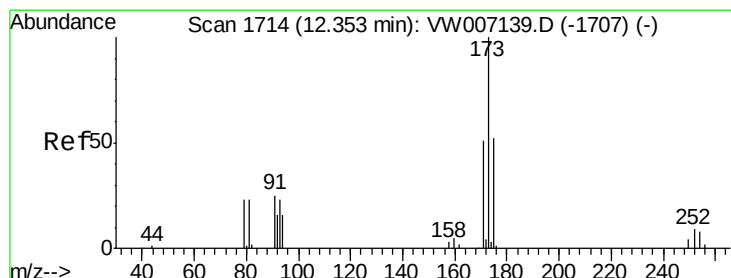
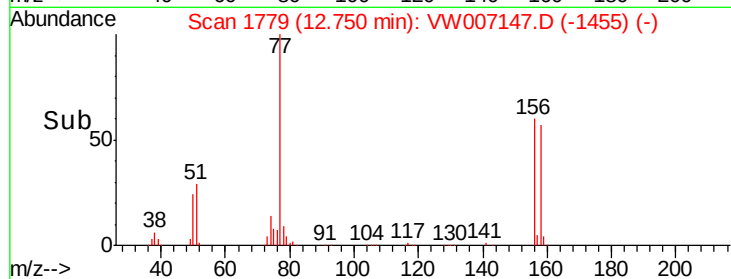
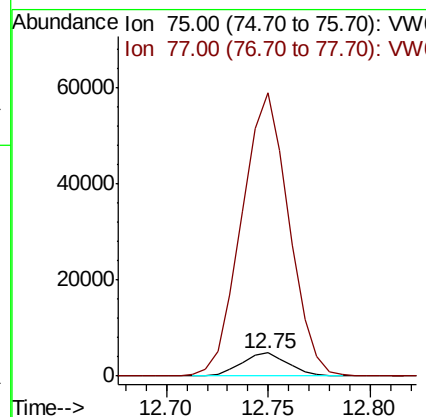
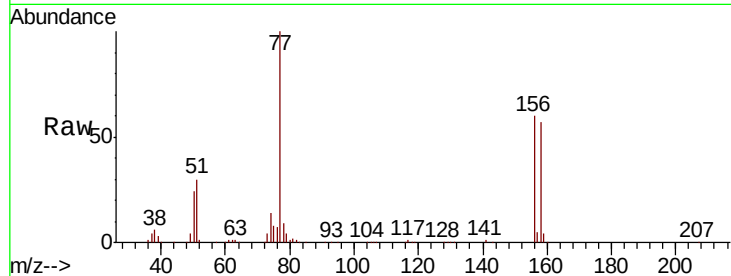
X2E81

Tgt Ion: 75 Resp: 7780

Ion Ratio Lower Upper

75 100

77 1221.1 25.8 38.6#



#62

Bromoform

Concen: 11.944 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007147.D

Acq: 30 Nov 2018 17:00

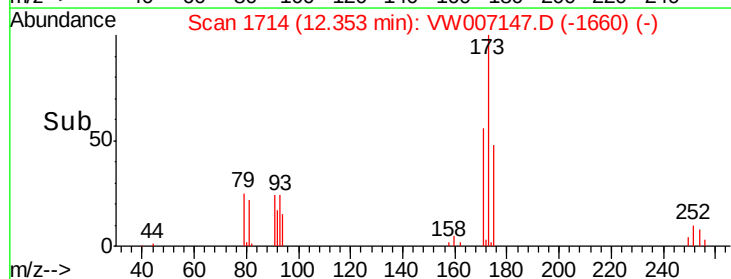
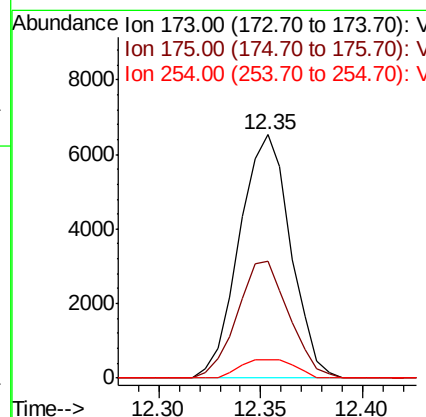
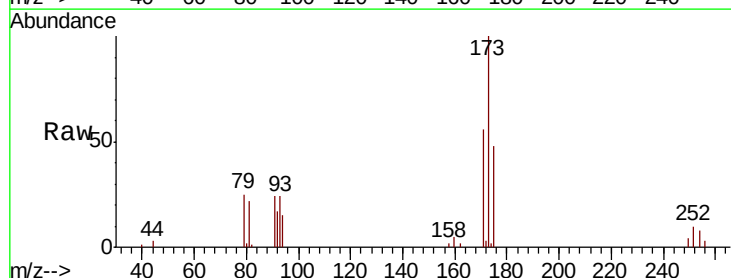
Tgt Ion: 173 Resp: 11364

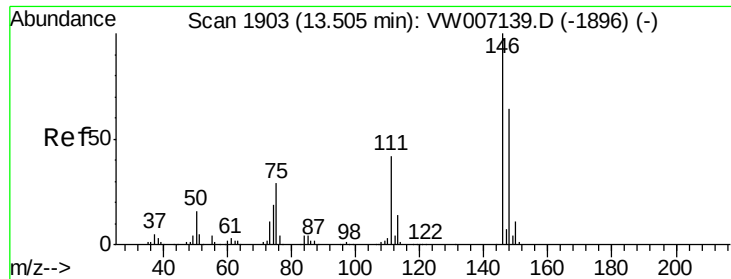
Ion Ratio Lower Upper

173 100

175 48.6 39.8 59.8

254 8.0 6.9 10.3

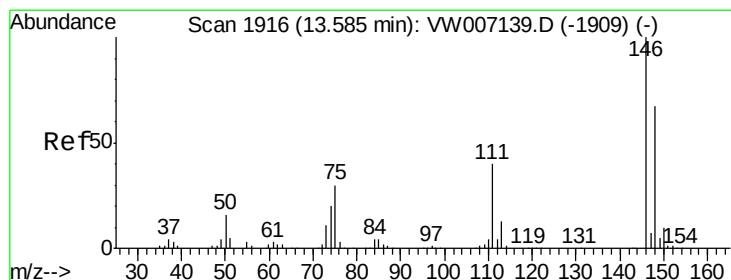
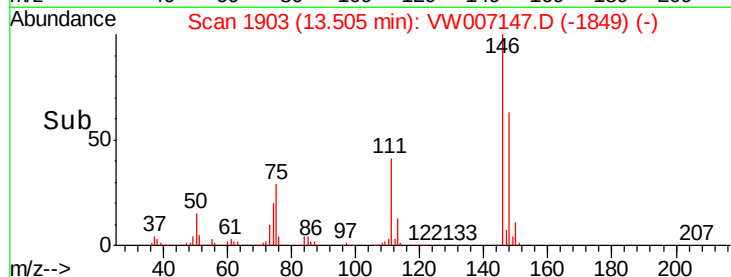
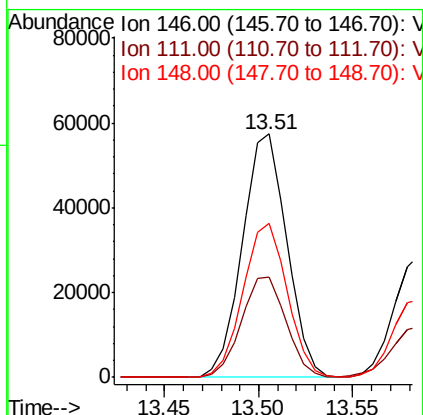
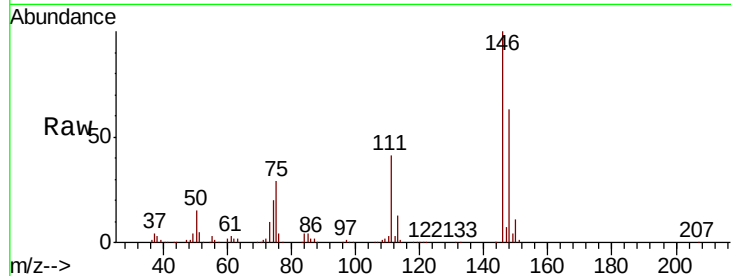




#63
 1,3-Dichlorobenzene
 Concen: 20.545 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007147.D
 Acq: 30 Nov 2018 17:00

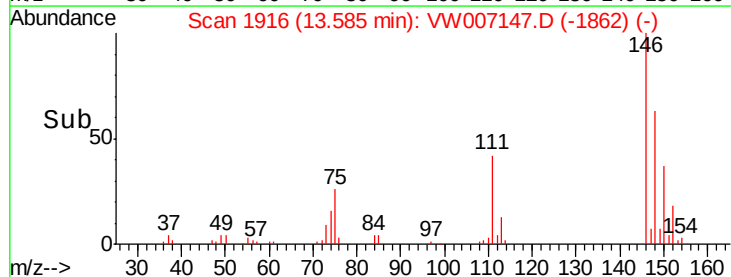
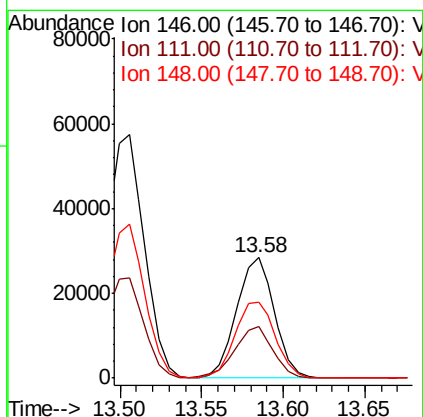
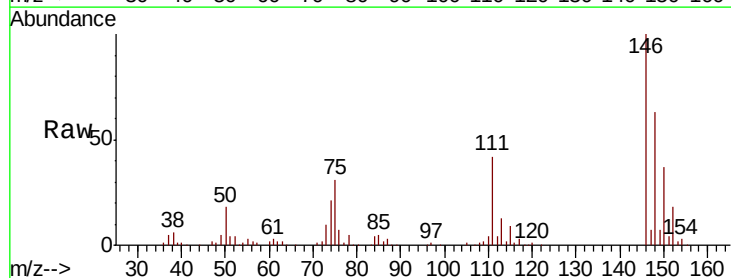
Instrument :
 MSVOA_W
 ClientSampleId :
 X2E81

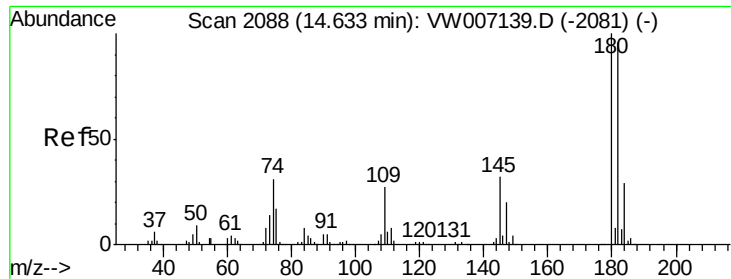
Tgt Ion:146 Resp: 93944
 Ion Ratio Lower Upper
 146 100
 111 41.1 29.2 54.2
 148 63.1 44.7 83.1



#64
 1,4-Dichlorobenzene
 Concen: 10.010 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007147.D
 Acq: 30 Nov 2018 17:00

Tgt Ion:146 Resp: 46041
 Ion Ratio Lower Upper
 146 100
 111 42.3 28.2 52.4
 148 63.4 46.6 86.6

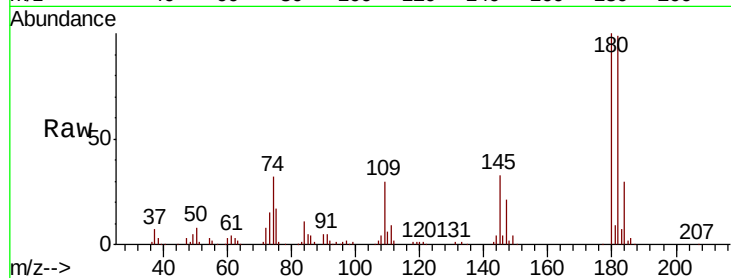




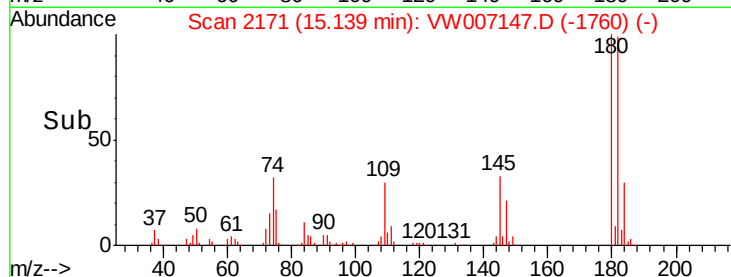
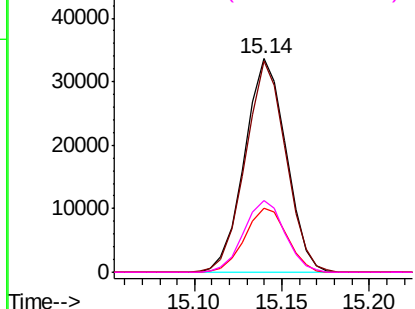
#67
 1,3,5-Trichlorobenzene
 Concen: 16.175 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.51 min
 Lab File: VW007147.D
 Acq: 30 Nov 2018 17:00

Instrument :
 MSVOA_W
 ClientSampleId :
 X2E81

Tgt Ion:180 Resp: 55546
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.9 113.9
 184 30.4 24.2 36.4
 145 33.4 26.1 39.1

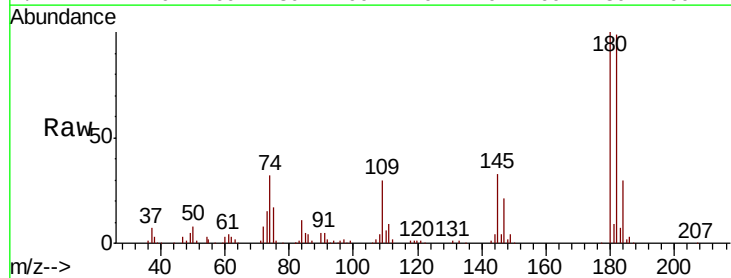
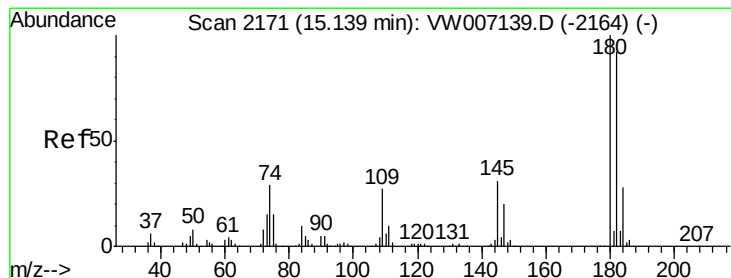


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

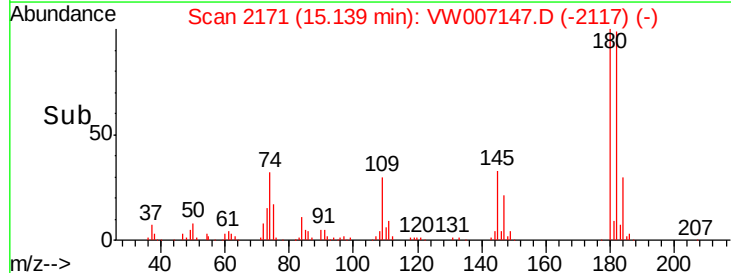
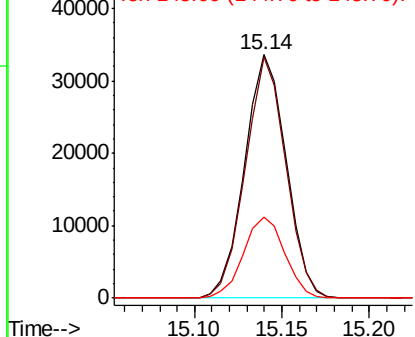


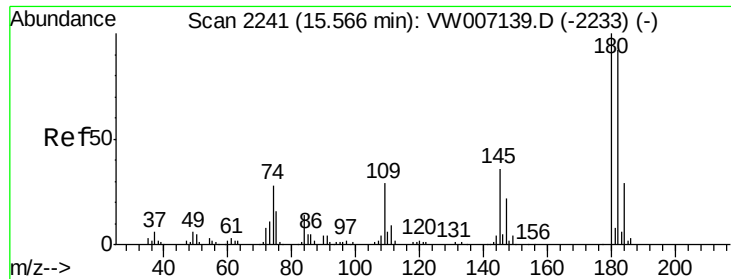
#68
 1,2,4-trichlorobenzene
 Concen: 19.027 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007147.D
 Acq: 30 Nov 2018 17:00

Tgt Ion:180 Resp: 55546
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.6 113.4
 145 33.4 26.6 39.8



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

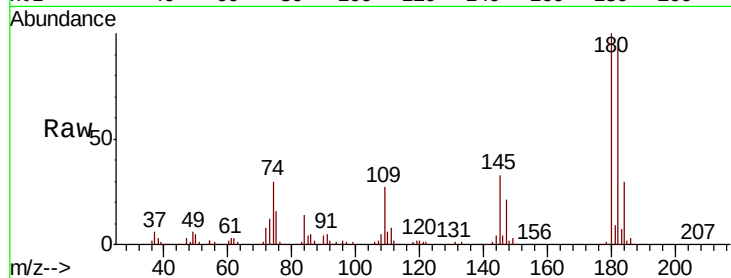




#70
 1,2,3-Trichlorobenzene
 Concen: 29.665 ug/L
 RT: 15.57 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW007147.D
 Acq: 30 Nov 2018 17:00

Instrument :
 MSVOA_W
 ClientSampleId :
 X2E81

Tgt Ion:180 Resp: 75571
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.0 112.4
 145 34.9 28.2 42.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

