

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080718\
 Data File : VW004523.D
 Acq On : 08 Aug 2018 04:56
 Operator : SY/AP
 Sample : J4351-03MSD
 Misc : 10.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MSD

Quant Time: Aug 08 07:44:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 05:39:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1061037	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	983824	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	482408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.22	65	90	0.01	ug/L	-0.13
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.04%#
7) Chloroethane-d5	2.73	69	164	0.01	ug/L	-0.16
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.04%#
10) 1,1-Dichloroethene-d2	4.03	63	192546	7.18	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	28.72%#
20) 2-Butanone-d5	7.08	46	66	0.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.02%#
24) Chloroform-d	7.68	84	29769	1.04	ug/L	0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	4.16%#
26) 1,2-Dichloroethane-d4	8.31	65	392481	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.04%
29) Benzene-d6	8.26	84	24	0.00	ug/L	-0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.00%#
33) 1,2-Dichloropropane-d6	9.26	67	106	0.01	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.04%#
37) Toluene-d8	10.33	98	1423673	30.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.44%
38) trans-1,3-Dichloropropene-	10.60	79	826	0.12	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.48%#
39) 2-Hexanone-d5	11.03	63	173	0.04	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.08%#
48) 1,1,2,2-Tetrachloroethane-	12.72	84	7151	0.39	ug/L	0.02
Spiked Amount	25.000	Range	45 - 120	Recovery	=	1.56%#
61) 1,2-Dichlorobenzene-d4	13.57	152	468595	25.86	ug/L	-0.29
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	195170	17.692 ug/L	95
3) Chloromethane	2.21	50	304154	20.874 ug/L	96
5) Vinyl chloride	2.37	62	448481	23.587 ug/L	98
6) Bromomethane	2.78	94	268774	24.441 ug/L	100
8) Chloroethane	2.93	64	280438	24.584 ug/L	98
9) Trichlorofluoromethane	3.26	101	189303	21.827 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	363368	24.130 ug/L	96
12) 1,1-Dichloroethene	4.04	96	367334	24.968 ug/L #	75
13) Acetone	4.15	43	569808	113.025 ug/L	99
14) Carbon disulfide	4.38	76	1182858	26.212 ug/L	99
15) Methyl Acetate	4.68	43	404568	39.372 ug/L	99
16) Methylene chloride	4.91	84	484453	22.987 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	541865	27.210 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	403424	26.814 ug/L	99
19) 1,1-Dichloroethane	6.21	63	751416	26.319 ug/L	99
21) 2-Butanone	7.18	43	759462	110.057 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	439806	26.782 ug/L	96

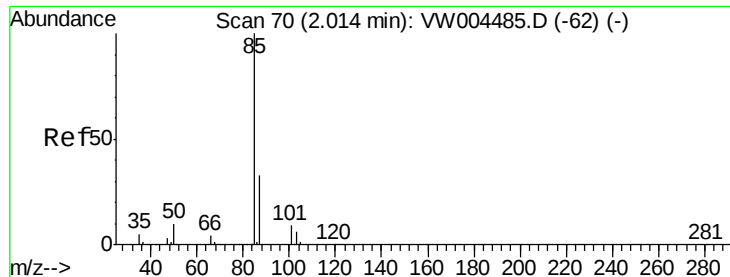
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	201415	25.626	ug/L	97
25) Chloroform	7.68	83	749426	25.716	ug/L	100
27) 1,2-Dichloroethane	8.40	62	472701	24.145	ug/L	100
30) Cyclohexane	7.95	56	695675	29.900	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	556993	26.647	ug/L	99
32) Carbon tetrachloride	8.07	117	521856	25.905	ug/L	99
34) Benzene	8.33	78	1720739	28.368	ug/L	100
35) Trichloroethene	9.09	95	420747	27.577	ug/L	99
36) Methylcyclohexane	9.34	83	714305	26.670	ug/L	99
40) 1,2-Dichloropropane	9.37	63	434637	27.055	ug/L	100
41) Bromodichloromethane	9.65	83	512249	26.545	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	581044	26.439	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	1688425	140.169	ug/L	100
44) Toluene	10.39	91	1767313	28.953	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	488639	24.735	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	308851	24.729	ug/L	99
47) Tetrachloroethene	10.87	164	492390	40.788	ug/L	99
49) 2-Hexanone	10.98	43	1148052	126.827	ug/L	99
50) Dibromochloromethane	11.13	129	340143	24.551	ug/L	99
51) 1,2-Dibromoethane	11.24	107	287785	24.039	ug/L	98
52) Chlorobenzene	11.66	112	1087249	26.338	ug/L	98
53) Ethylbenzene	11.74	91	1932808	28.178	ug/L	99
54) m,p-Xylene	11.85	106	1494994	58.418	ug/L	98
55) o-xylene	12.17	106	703631	29.017	ug/L	98
56) Styrene	12.18	104	998025	23.620	ug/L	95
57) Isopropylbenzene	12.47	105	1926422	29.350	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	372356	20.542	ug/L	98
59) 1,2,3-Trichloropropane	12.52	75	102031	7.536	ug/L	99
62) Bromoform	12.35	173	204532	23.329	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	844757	28.142	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	830977	25.758	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	786622	26.154	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	59615	19.296	ug/L	99
67) 1,3,5-Trichlorobenzene	15.14	180	469156	19.716	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	469156	24.370	ug/L	99
69) Naphthalene	15.38	128	950215	21.644	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	434466	23.174	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 17.692 ug/L

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

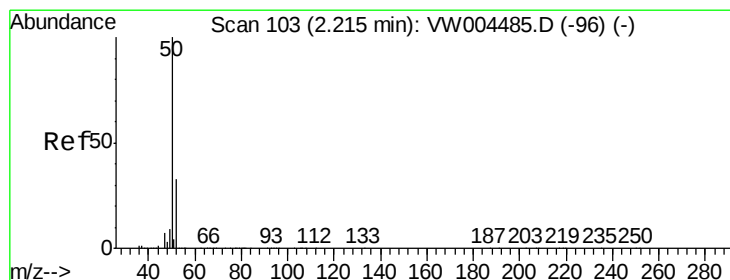
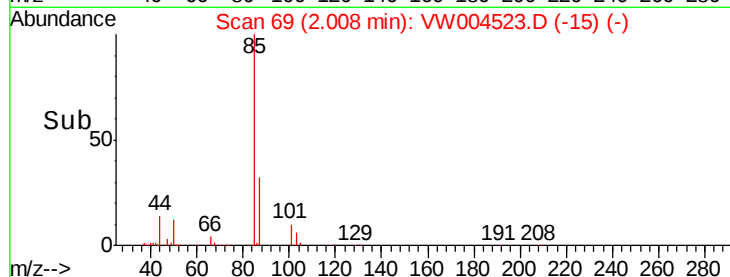
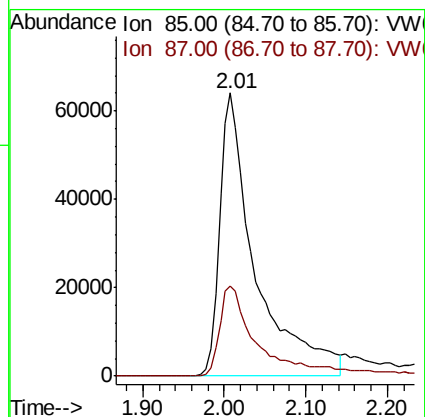
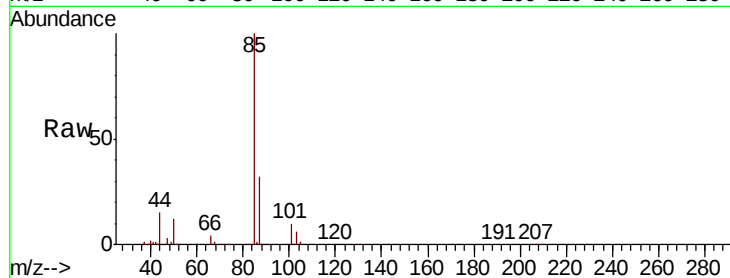
JTY-SB-03-1-2MSD

Tgt Ion: 85 Resp: 195170

Ion Ratio Lower Upper

85 100

87 31.2 20.2 37.4



#3

Chloromethane

Concen: 20.874 ug/L

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004523.D

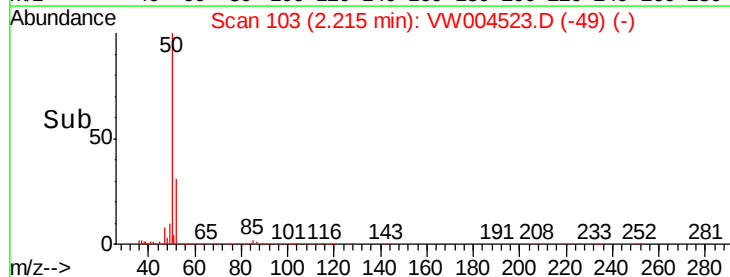
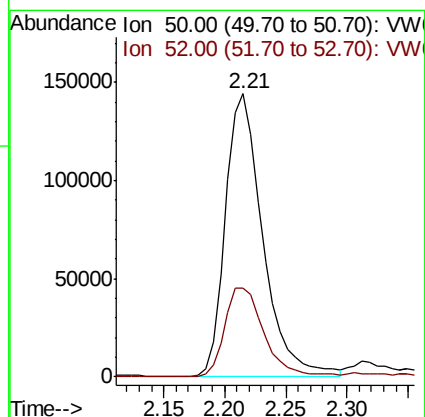
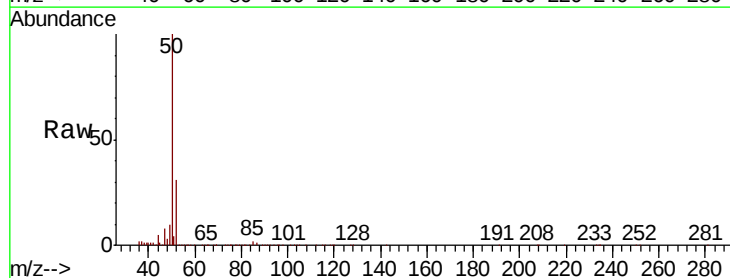
Acq: 08 Aug 2018 04:56

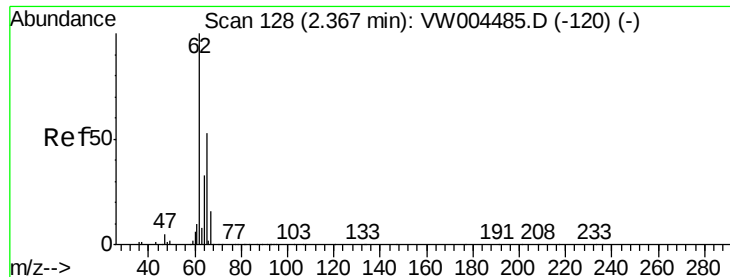
Tgt Ion: 50 Resp: 304154

Ion Ratio Lower Upper

50 100

52 31.4 23.4 43.6





#5

Vinyl chloride

Concen: 23.587 ug/L

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

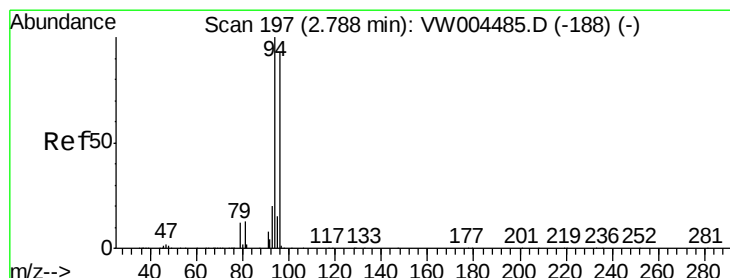
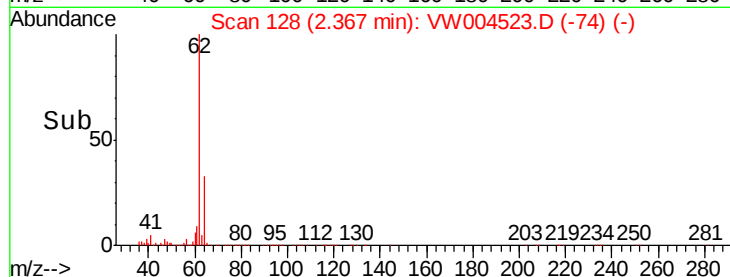
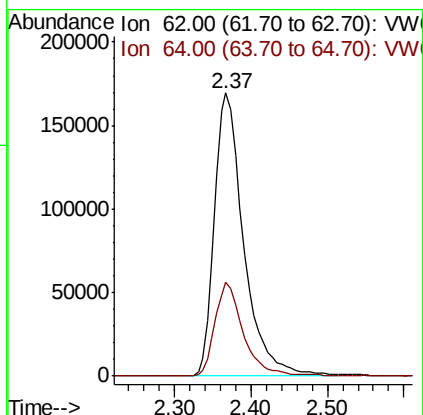
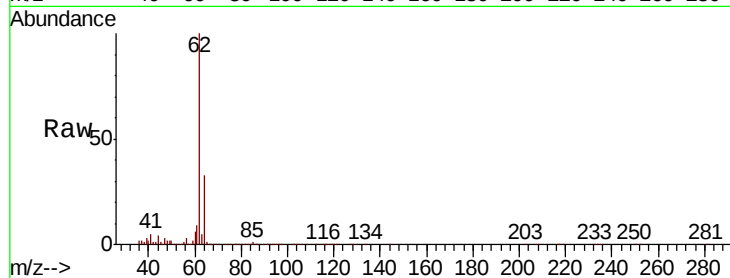
JTY-SB-03-1-2MSD

Tgt Ion: 62 Resp: 448481

Ion Ratio Lower Upper

62 100

64 33.3 24.0 44.6



#6

Bromomethane

Concen: 24.441 ug/L

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW004523.D

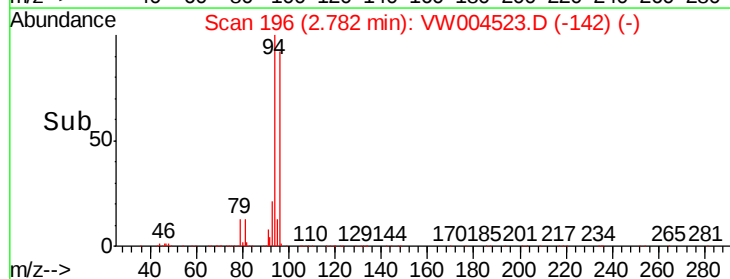
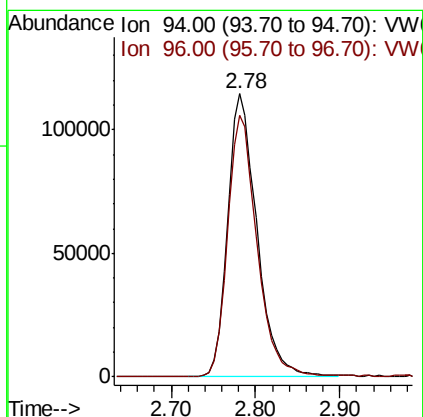
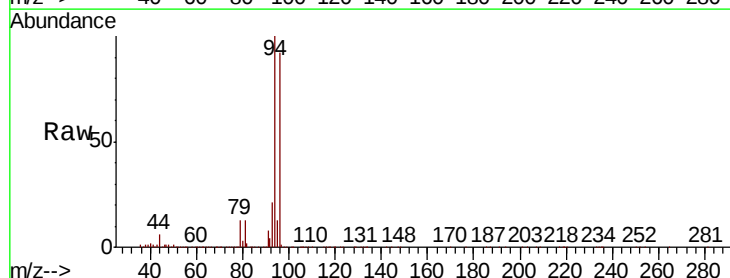
Acq: 08 Aug 2018 04:56

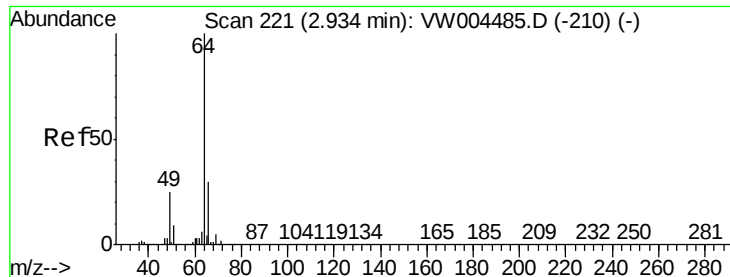
Tgt Ion: 94 Resp: 268774

Ion Ratio Lower Upper

94 100

96 92.3 9.2 175.2





#8

Chloroethane

Concen: 24.584 ug/L

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

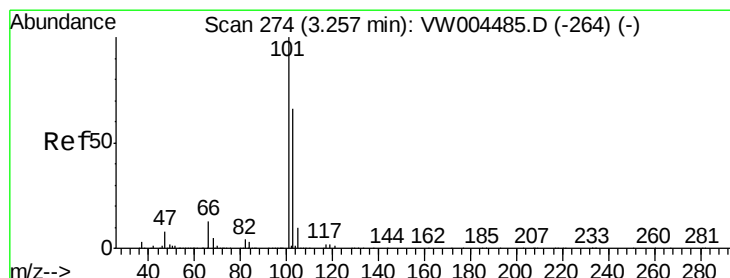
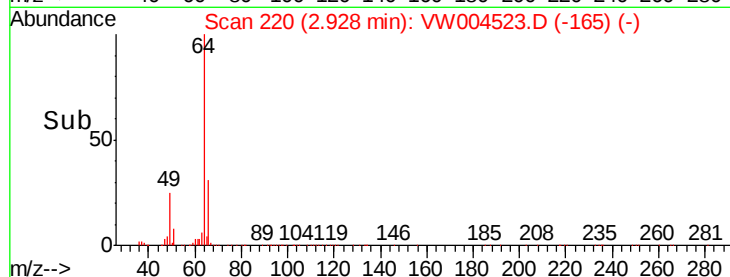
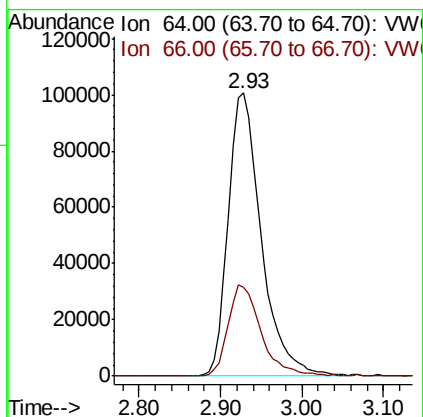
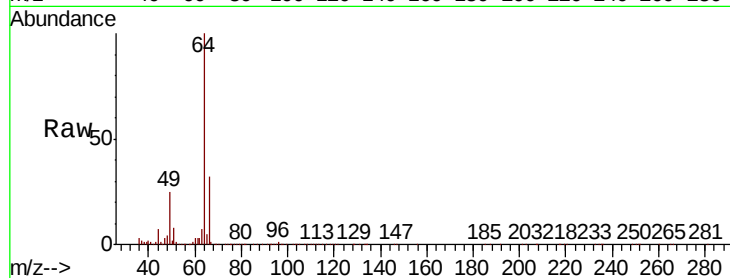
JTY-SB-03-1-2MSD

Tgt Ion: 64 Resp: 280438

Ion Ratio Lower Upper

64 100

66 31.6 22.8 42.4



#9

Trichlorofluoromethane

Concen: 21.827 ug/L

RT: 3.26 min Scan# 274

Delta R.T. 0.01 min

Lab File: VW004523.D

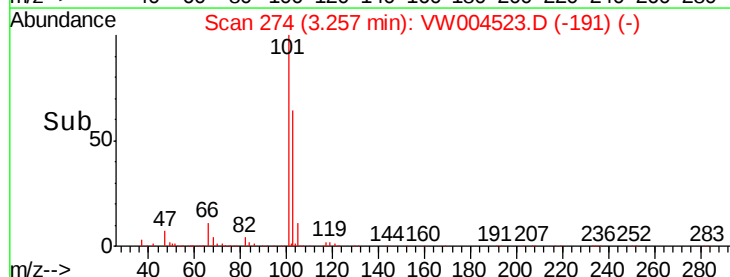
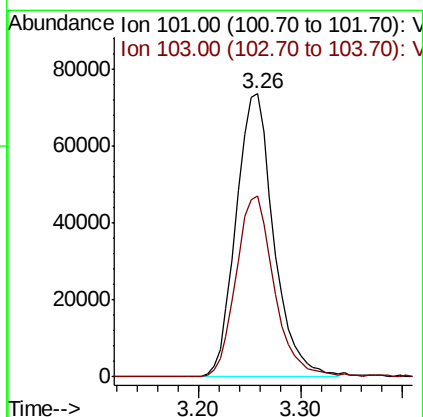
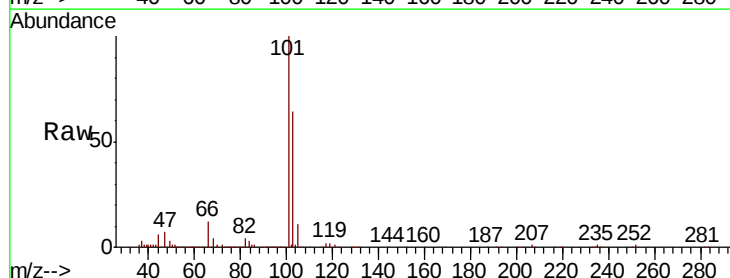
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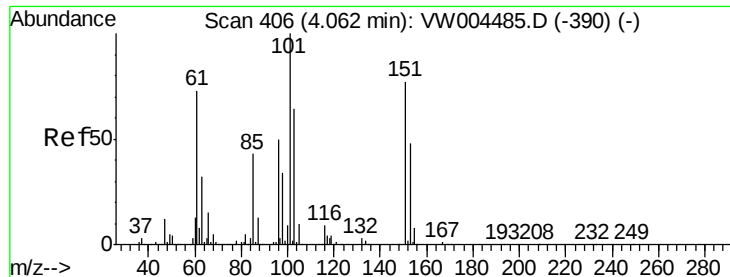
Tgt Ion: 101 Resp: 189303

Ion Ratio Lower Upper

101 100

103 64.9 45.3 84.1





#11

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

Concen: 24.130 ug/L

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MSD

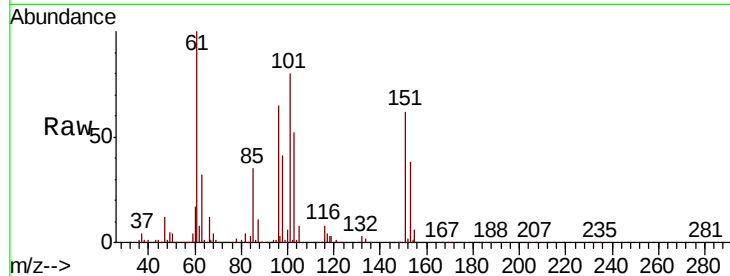
Tgt Ion:101 Resp: 363368

Ion Ratio Lower Upper

101 100

85 43.3 35.6 53.4

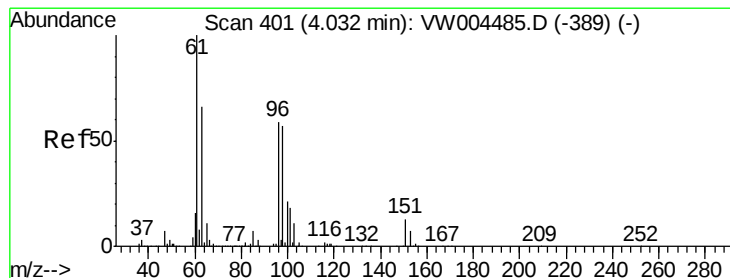
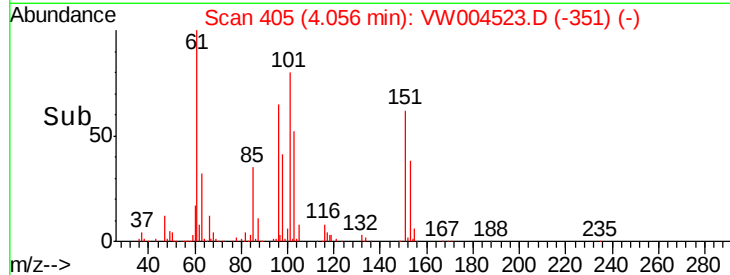
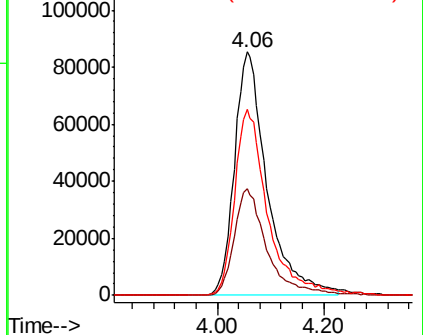
151 74.4 62.6 94.0



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: 24.968 ug/L

RT: 4.04 min Scan# 402

Delta R.T. 0.01 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

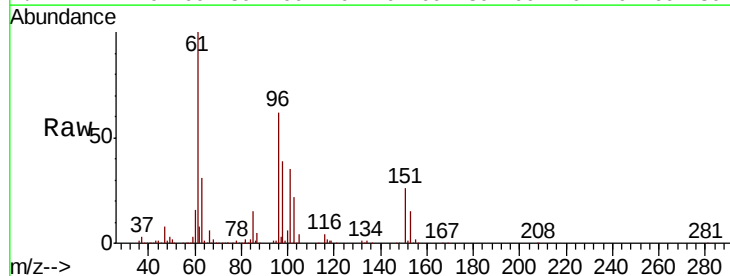
Tgt Ion: 96 Resp: 367334

Ion Ratio Lower Upper

96 100

61 160.3 115.9 215.3

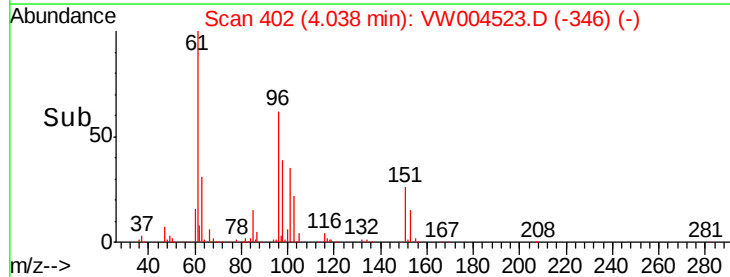
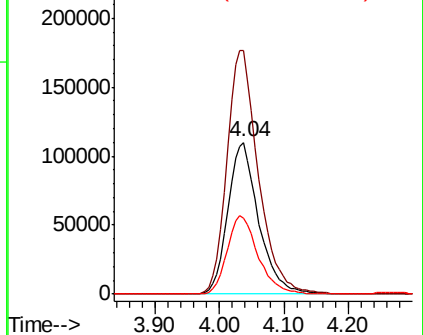
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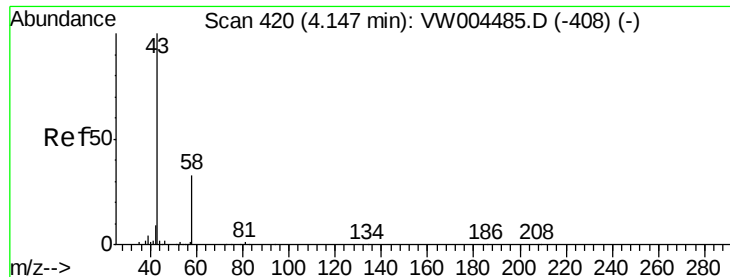


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 113.025 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

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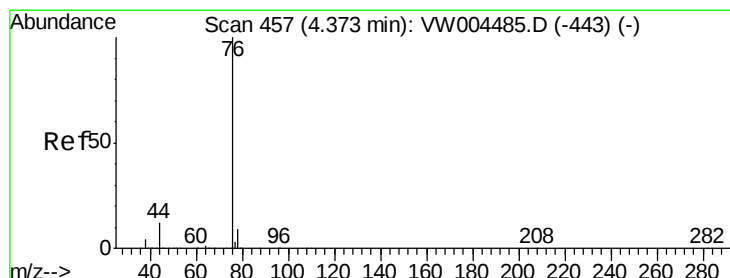
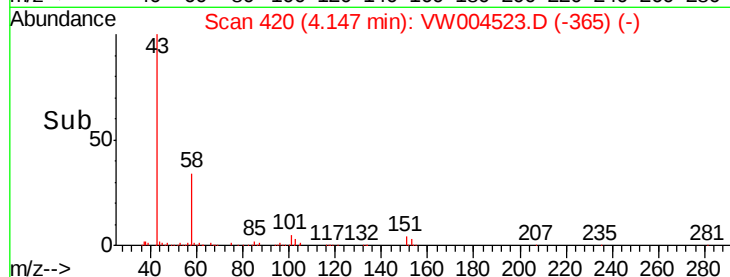
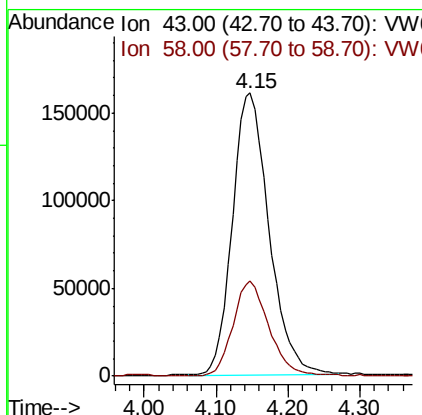
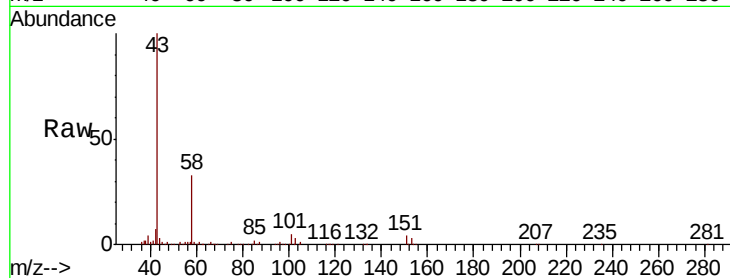
JTY-SB-03-1-2MSD

Tgt Ion: 43 Resp: 569808

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.4



#14

Carbon disulfide

Concen: 26.212 ug/L

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW004523.D

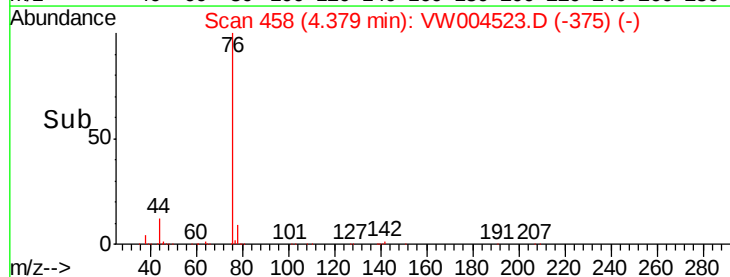
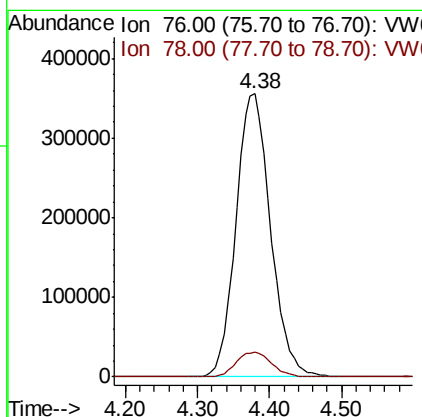
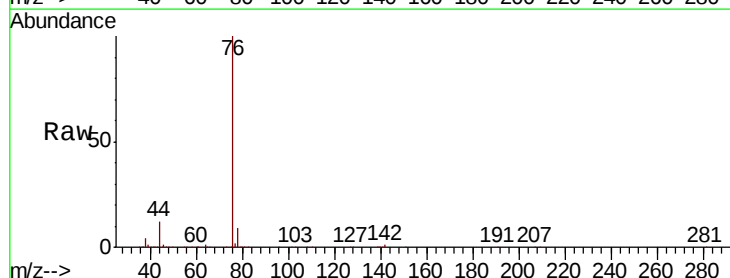
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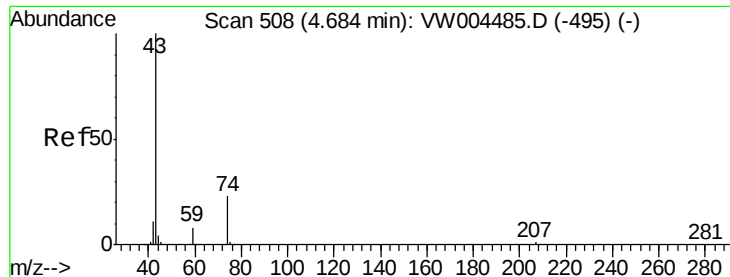
Tgt Ion: 76 Resp: 1182858

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

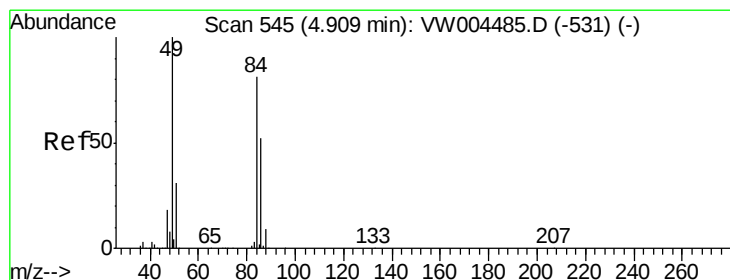
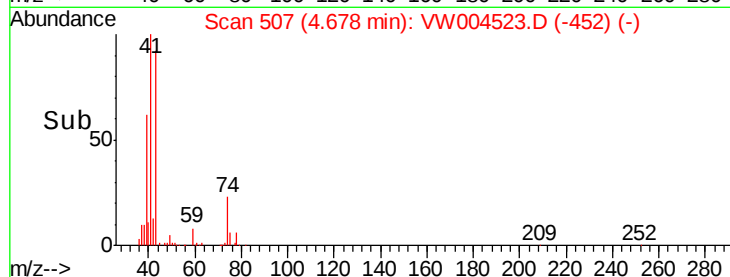
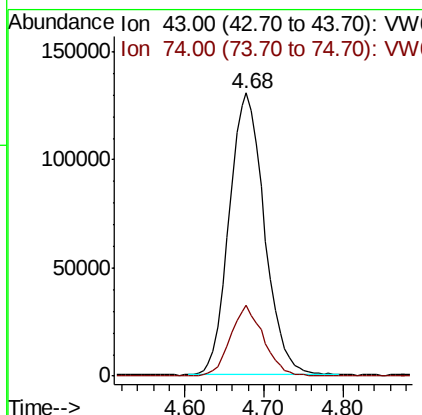
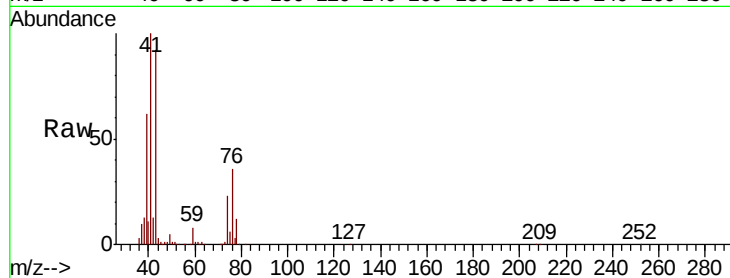




#15
Methyl Acetate
Concen: 39.372 ug/L
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

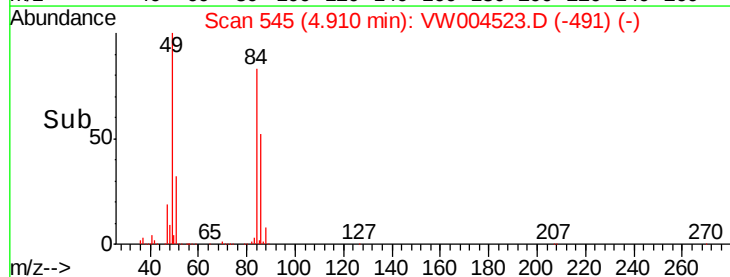
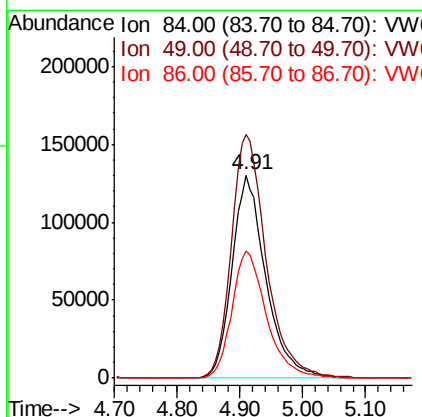
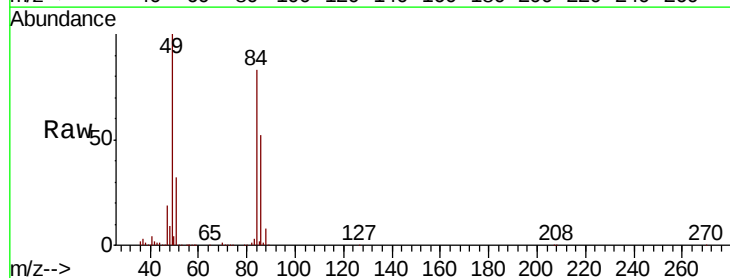
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MSD

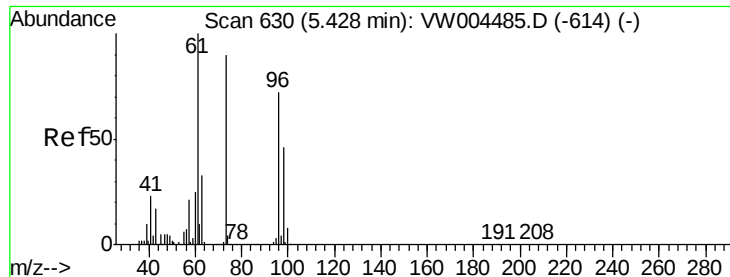
Tgt Ion: 43 Resp: 404568
Ion Ratio Lower Upper
43 100
74 23.7 18.6 28.0



#16
Methylene chloride
Concen: 22.987 ug/L
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

Tgt Ion: 84 Resp: 484453
Ion Ratio Lower Upper
84 100
49 120.1 86.0 159.6
86 62.8 43.5 80.9

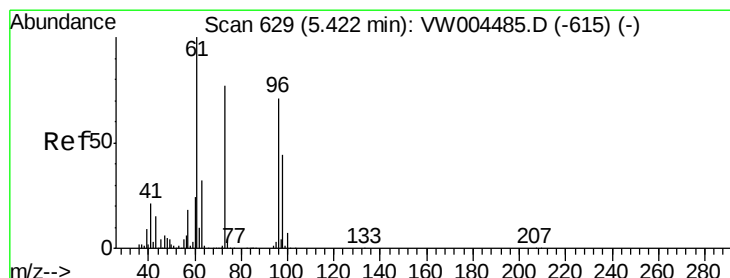
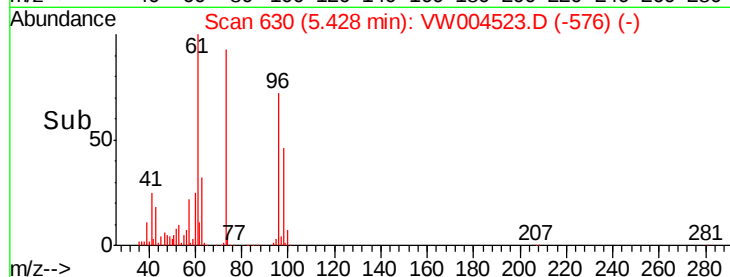
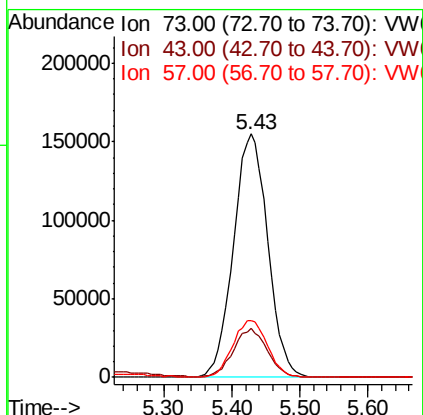
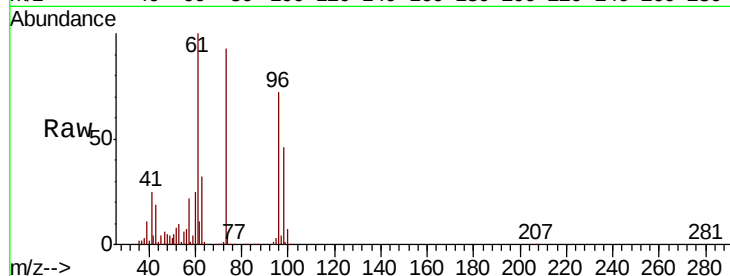




#17
Methyl tert-butyl Ether
Concen: 27.210 ug/L
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

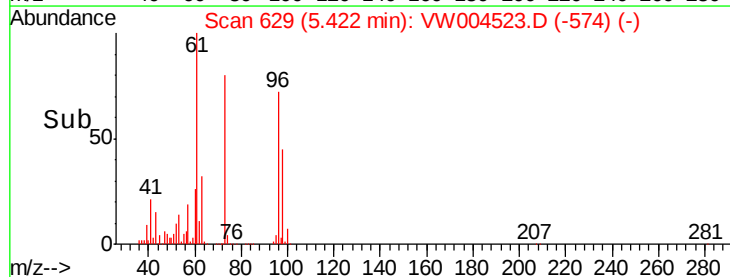
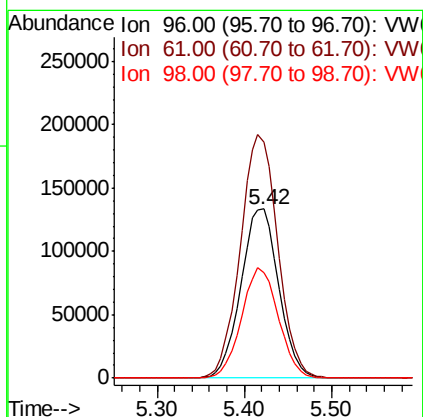
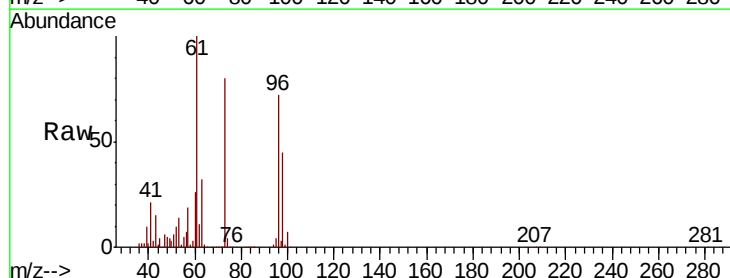
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MSD

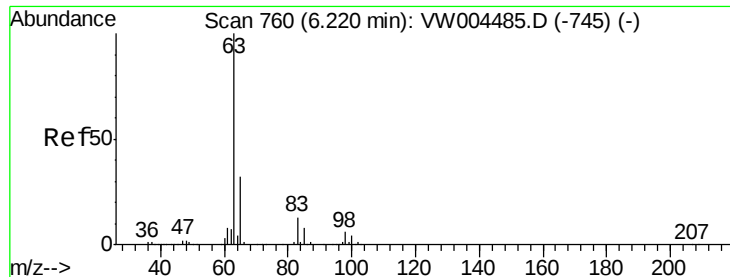
Tgt Ion: 73 Resp: 541865
Ion Ratio Lower Upper
73 100
43 19.5 16.2 24.2
57 23.8 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 26.814 ug/L
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

Tgt Ion: 96 Resp: 403424
Ion Ratio Lower Upper
96 100
61 139.2 97.9 181.7
98 62.2 43.0 79.8

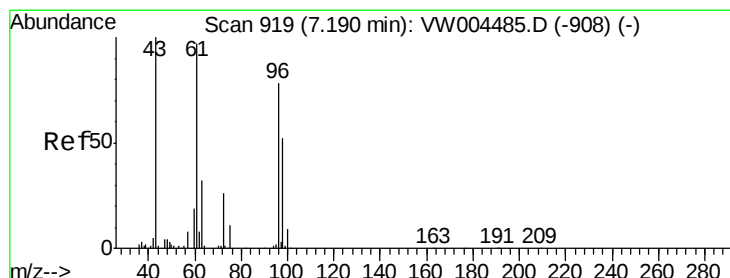
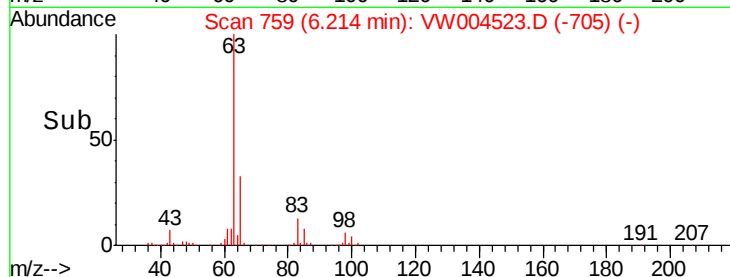
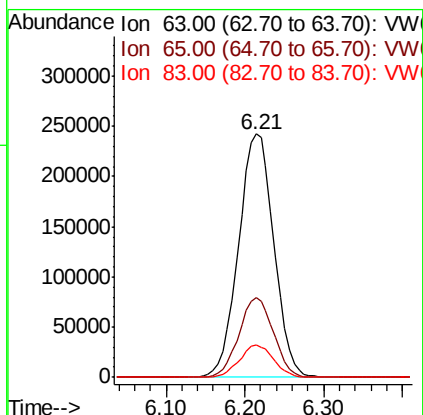
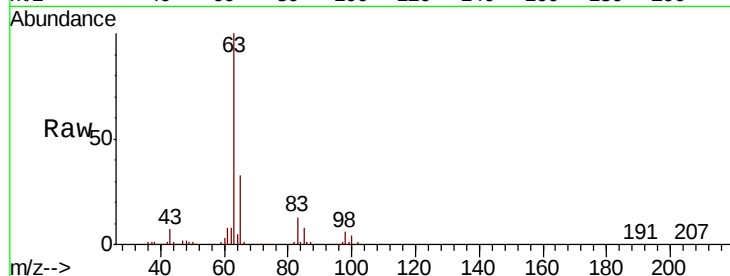




#19
 1,1-Dichloroethane
 Concen: 26.319 ug/L
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

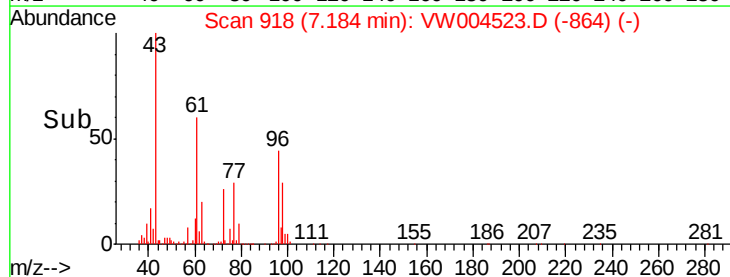
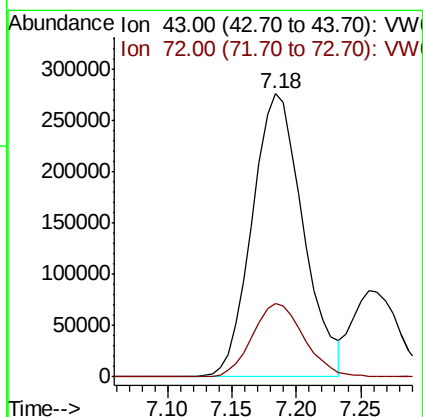
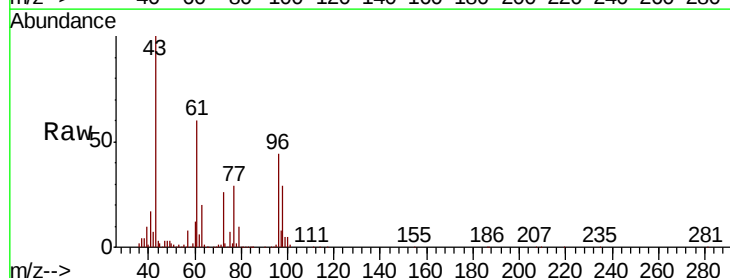
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MSD

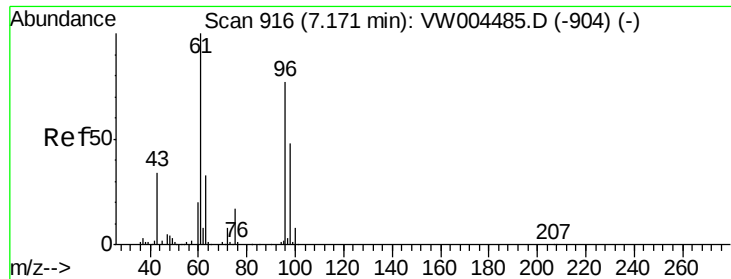
Tgt Ion: 63 Resp: 751416
 Ion Ratio Lower Upper
 63 100
 65 32.9 22.5 41.7
 83 13.1 9.3 17.3



#21
 2-Butanone
 Concen: 110.057 ug/L
 RT: 7.18 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

Tgt Ion: 43 Resp: 759462
 Ion Ratio Lower Upper
 43 100
 72 26.2 13.2 39.6



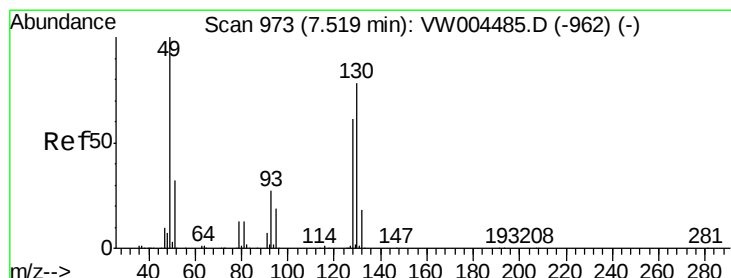
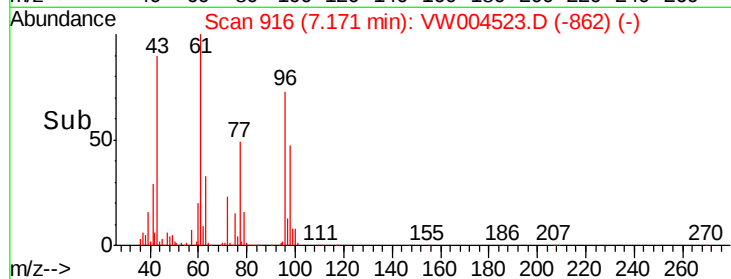
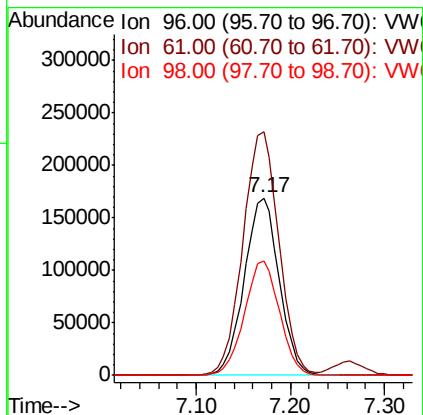
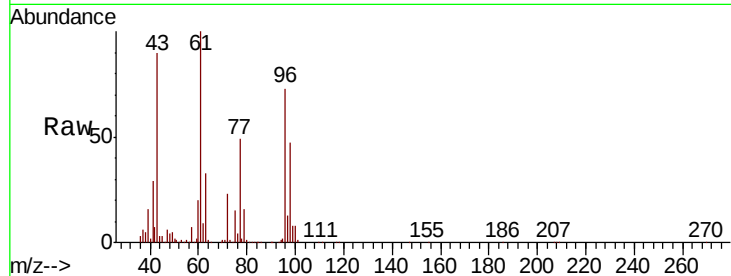


#22

cis-1,2-Dichloroethene
 Concen: 26.782 ug/L
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MSD

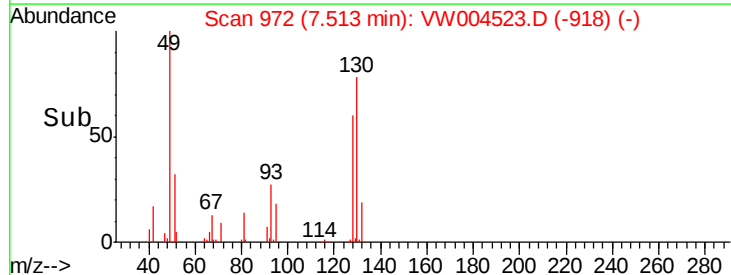
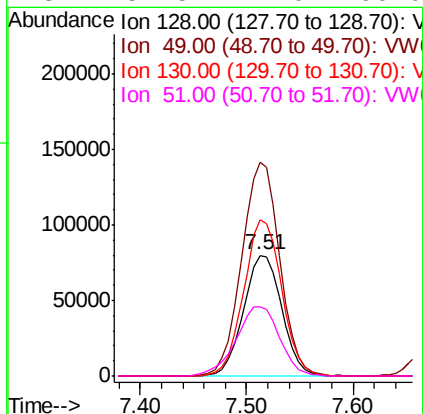
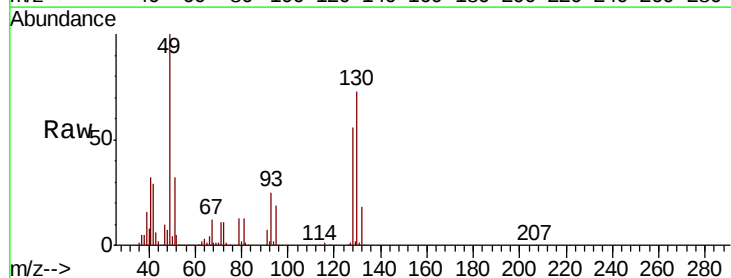
Tgt Ion: 96 Resp: 439806
 Ion Ratio Lower Upper
 96 100
 61 137.3 92.5 171.7
 98 64.7 44.1 81.9

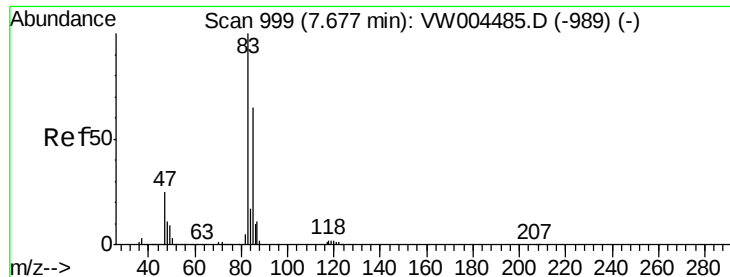


#23

Bromochloromethane
 Concen: 25.626 ug/L
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

Tgt Ion: 128 Resp: 201415
 Ion Ratio Lower Upper
 128 100
 49 177.4 122.0 226.6
 130 129.6 88.8 164.8
 51 57.5 44.0 66.0





#25

Chloroform

Concen: 25.716 ug/L

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

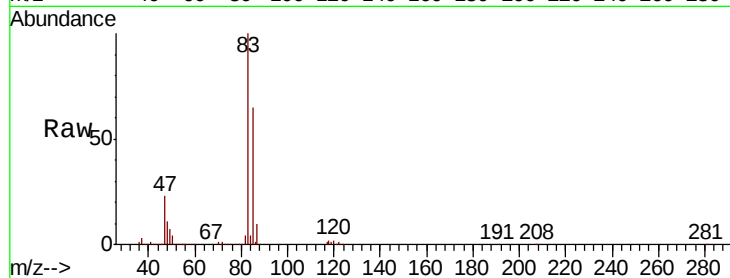
JTY-SB-03-1-2MSD

Tgt Ion: 83 Resp: 749426

Ion Ratio Lower Upper

83 100

85 65.1 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

7.68

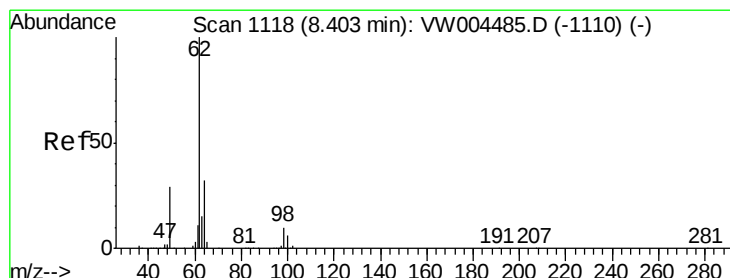
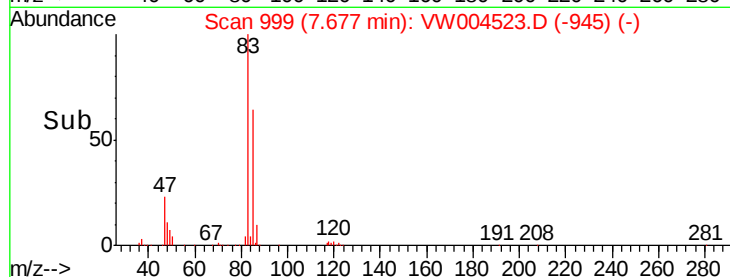
300000

200000

100000

0

Time-->



#27

1,2-Dichloroethane

Concen: 24.145 ug/L

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW004523.D

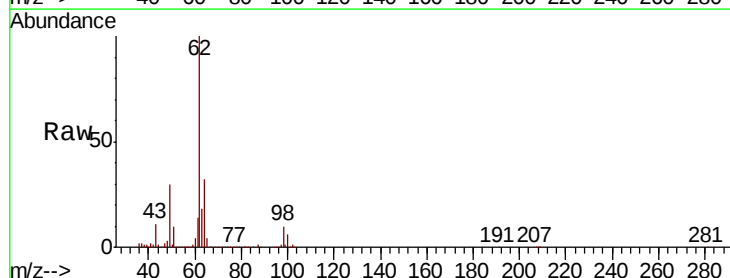
Acq: 08 Aug 2018 04:56

Tgt Ion: 62 Resp: 472701

Ion Ratio Lower Upper

62 100

98 9.6 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

250000

200000

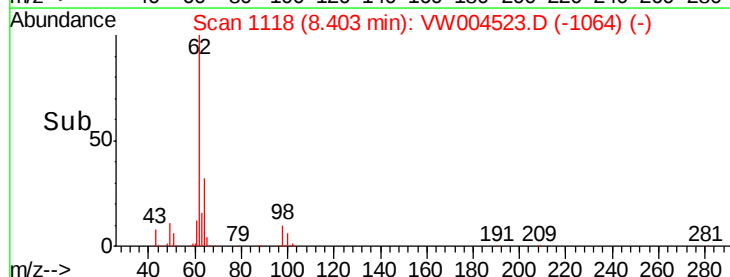
150000

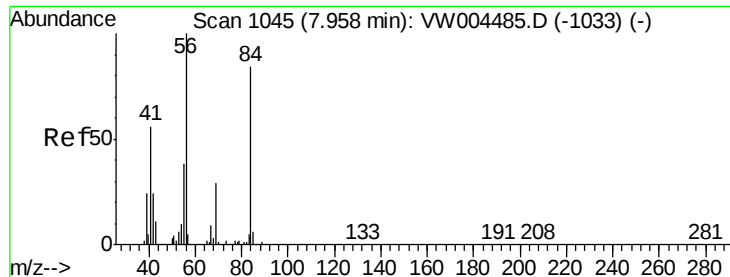
100000

50000

0

Time-->

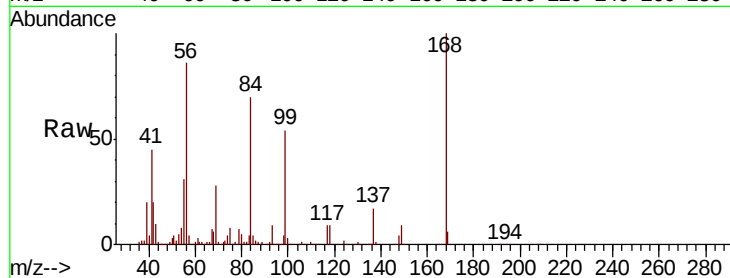




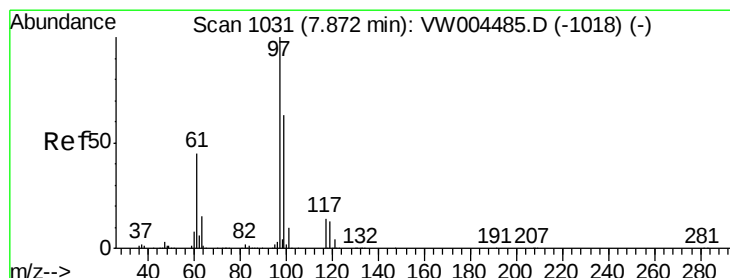
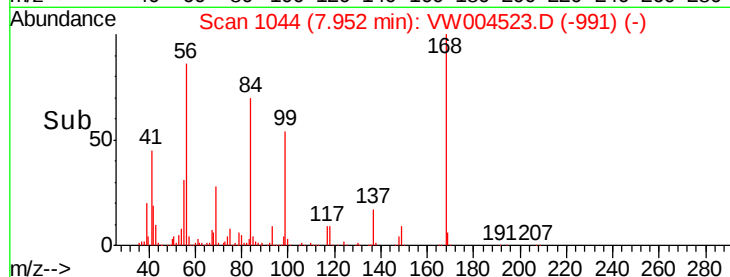
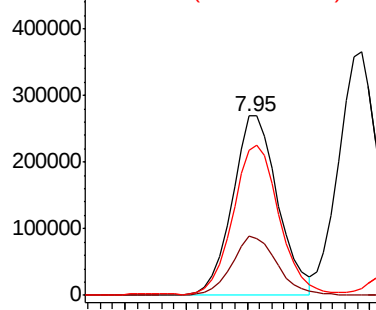
#30
Cyclohexane
Concen: 29.900 ug/L
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MSD

Tgt Ion: 56 Resp: 695675
Ion Ratio Lower Upper
56 100
69 32.9 24.0 36.0
84 85.6 66.7 100.1

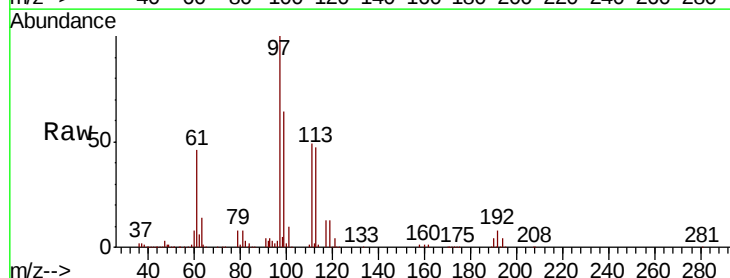


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

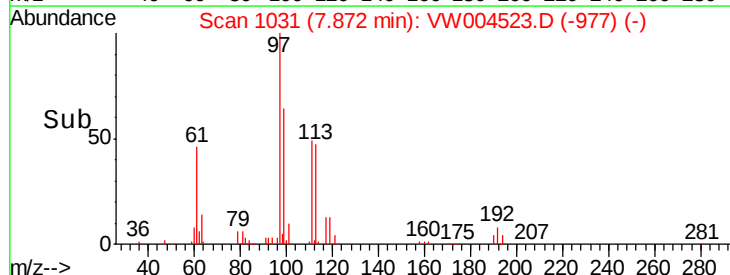
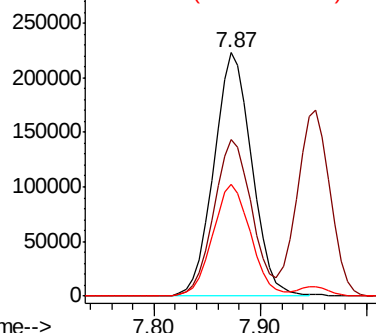


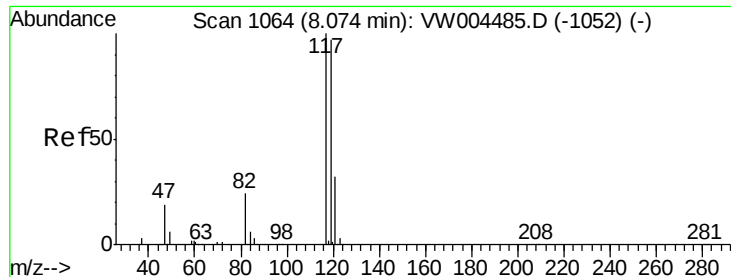
#31
1,1,1-Trichloroethane
Concen: 26.647 ug/L
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

Tgt Ion: 97 Resp: 556993
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 45.9 37.3 55.9



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 25.905 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

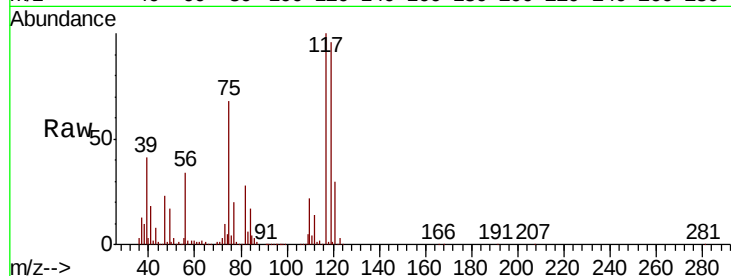
JTY-SB-03-1-2MSD

Tgt Ion:117 Resp: 521856

Ion Ratio Lower Upper

117 100

119 96.5 76.5 114.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

250000

200000

150000

100000

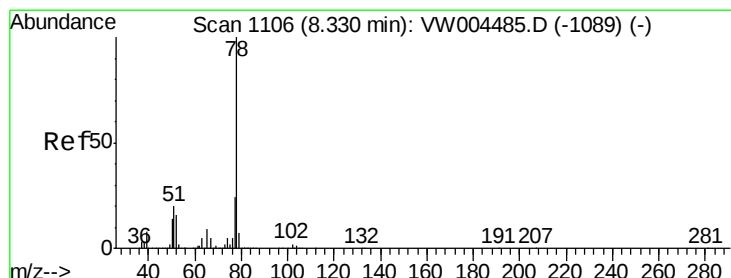
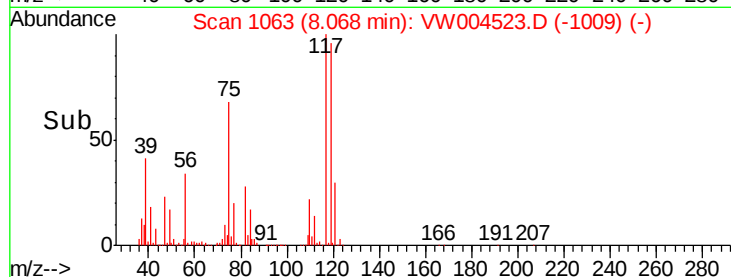
50000

0

8.07

8.00 8.10 8.20

Time-->



#34

Benzene

Concen: 28.368 ug/L

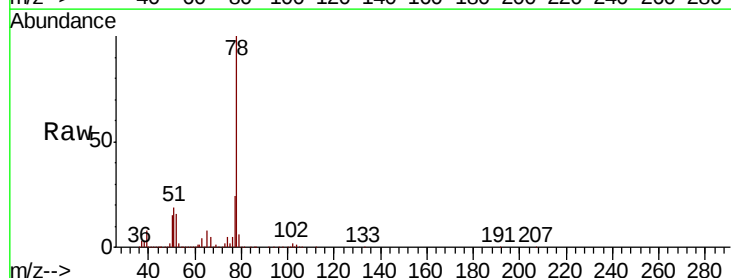
RT: 8.33 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Tgt Ion: 78 Resp: 1720739



Abundance Ion 78.00 (77.70 to 78.70): VW

800000

600000

400000

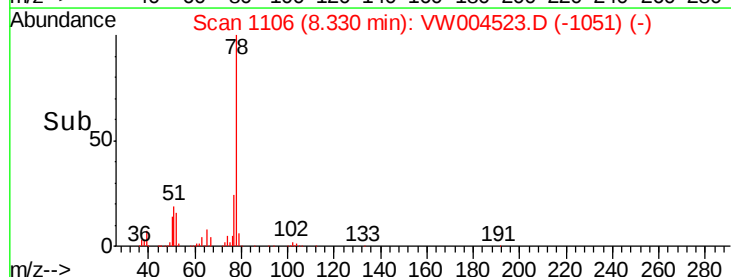
200000

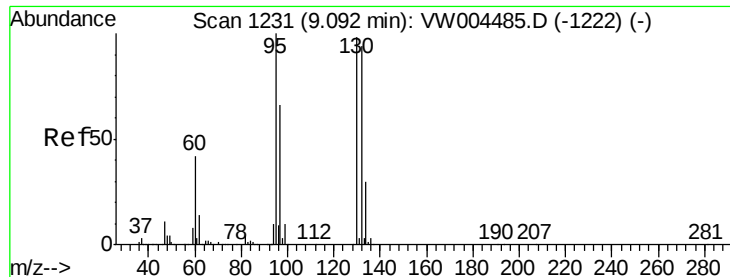
0

8.33

8.20 8.30 8.40

Time-->

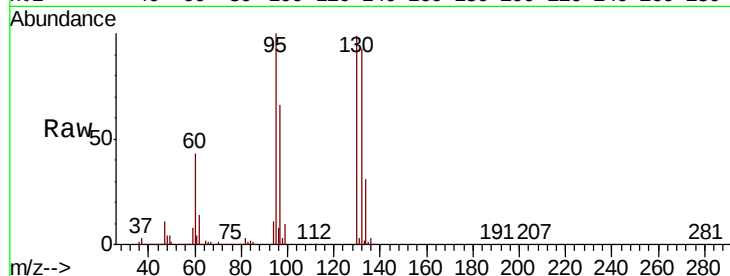




#35
 Trichloroethene
 Concen: 27.577 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MSD

Tgt Ion:	95	Resp:	420747
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.9	83.5
132	94.4	67.6	125.6
130	98.4	69.1	128.3



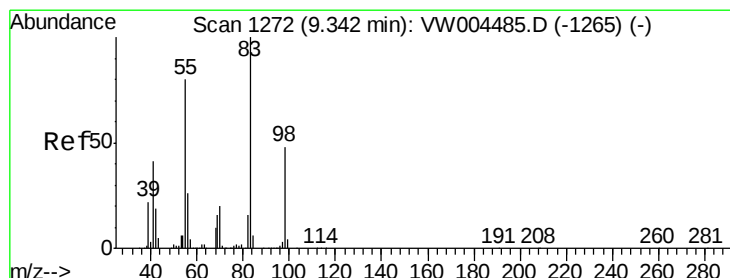
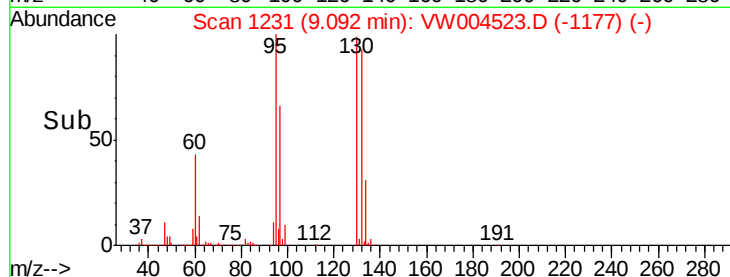
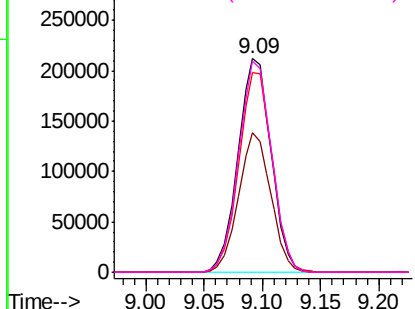
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

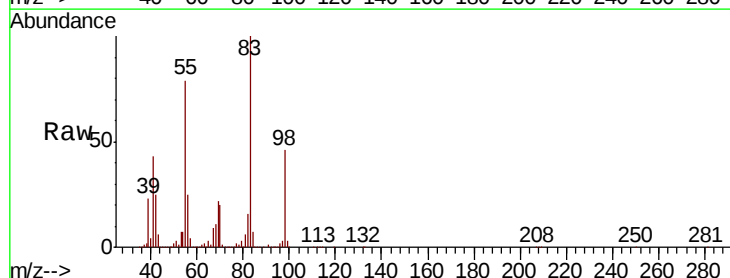
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36
 Methylcyclohexane
 Concen: 26.670 ug/L
 RT: 9.34 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

Tgt Ion:	83	Resp:	714305
Ion	Ratio	Lower	Upper
83	100		
55	79.4	62.8	94.2
98	45.3	36.6	54.8

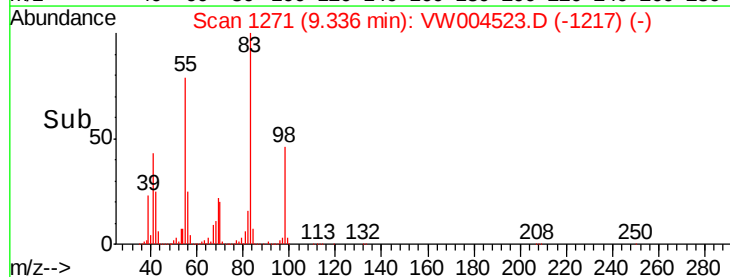
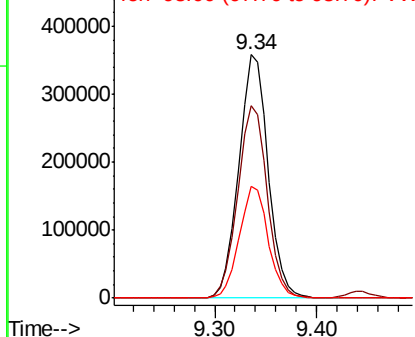


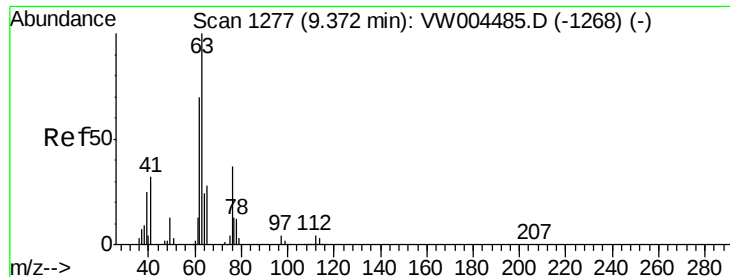
Abundance

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

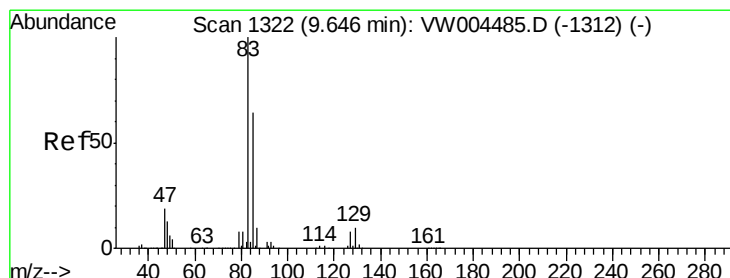
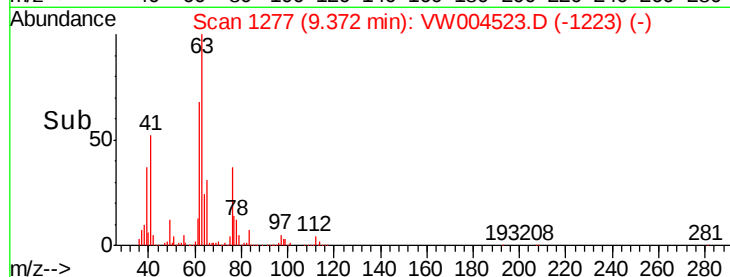
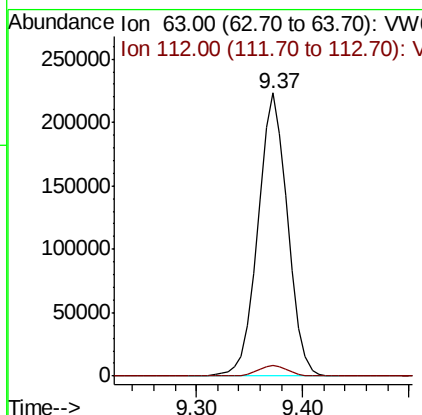
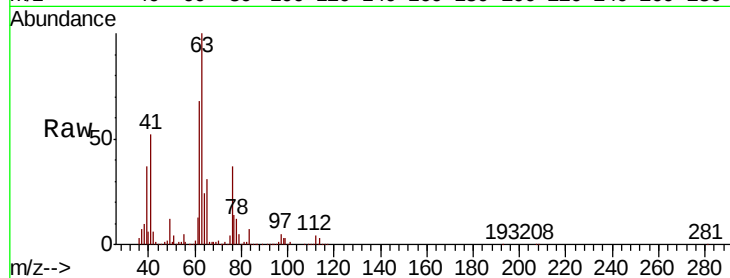




#40
 1,2-Dichloropropane
 Concen: 27.055 ug/L
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

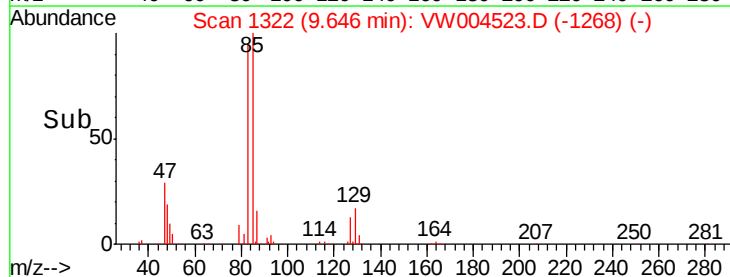
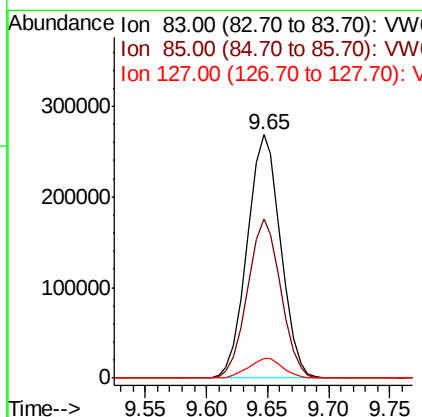
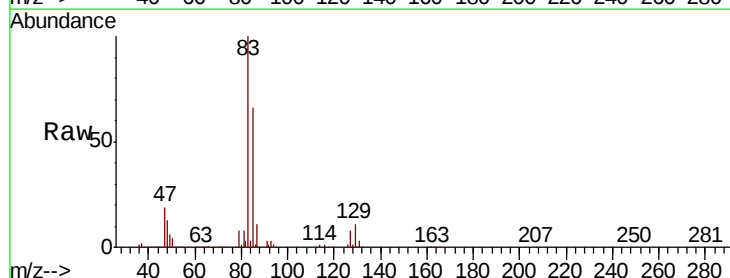
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MSD

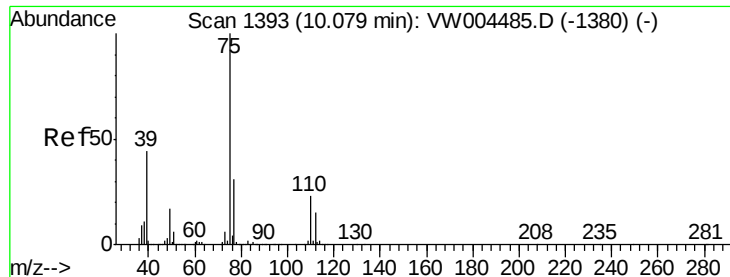
Tgt Ion: 63 Resp: 434637
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.0 4.6



#41
 Bromodichloromethane
 Concen: 26.545 ug/L
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

Tgt Ion: 83 Resp: 512249
 Ion Ratio Lower Upper
 83 100
 85 65.6 43.7 81.1
 127 8.3 6.6 10.0





#42

cis-1,3-Dichloropropene

Concen: 26.439 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

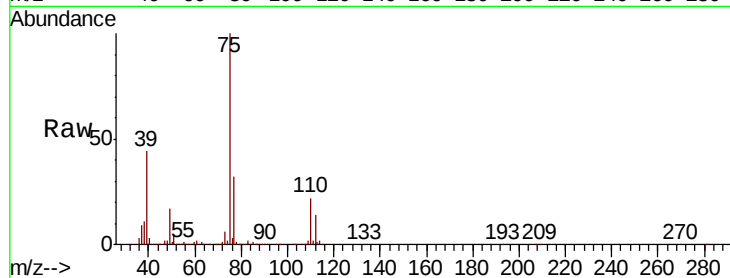
JTY-SB-03-1-2MSD

Tgt Ion: 75 Resp: 581044

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.08

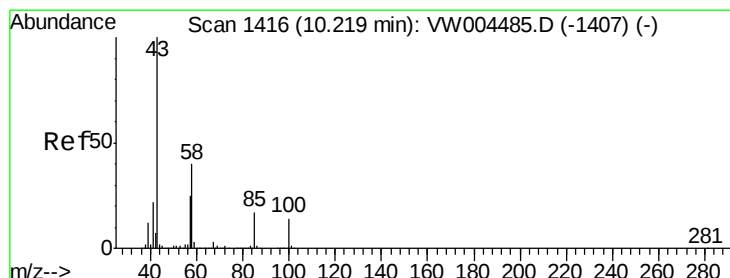
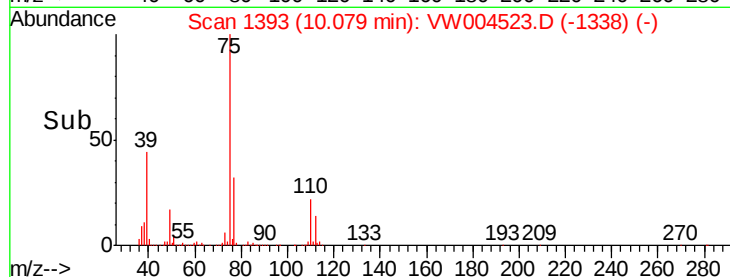
300000

200000

100000

0

Time-->



#43

4-Methyl-2-pentanone

Concen: 140.169 ug/L

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

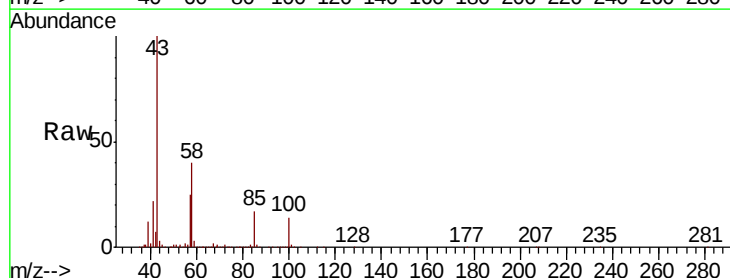
Tgt Ion: 43 Resp: 1688425

Ion Ratio Lower Upper

43 100

58 39.7 31.5 47.3

100 14.7 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

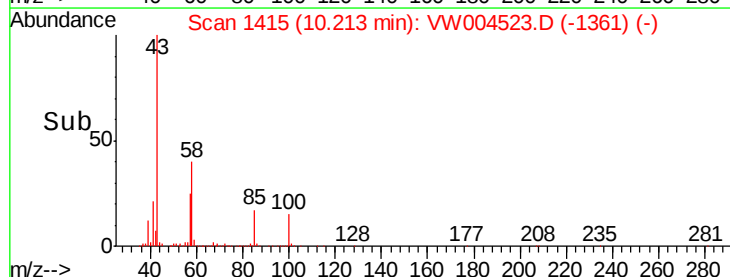
10.21

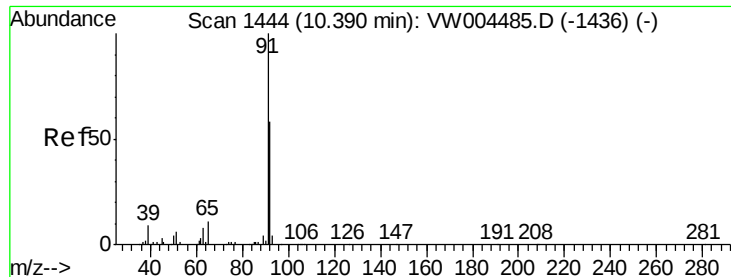
1000000

500000

0

Time-->





#44

Toluene

Concen: 28.953 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

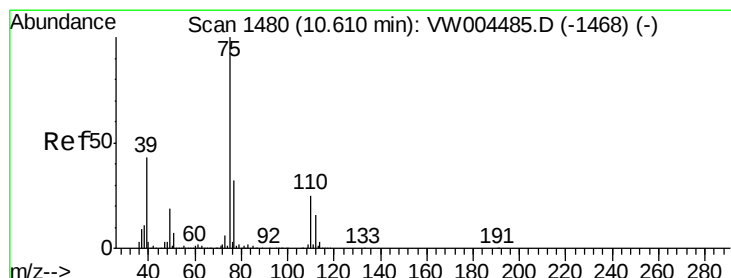
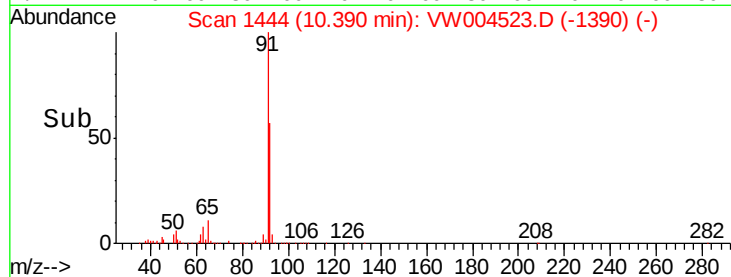
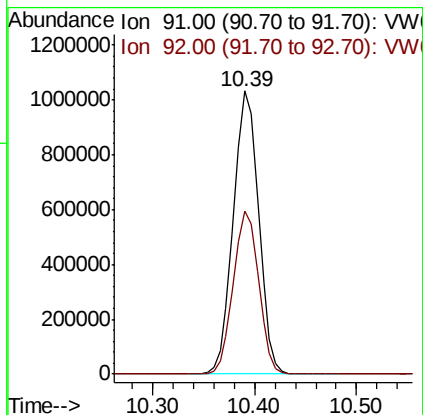
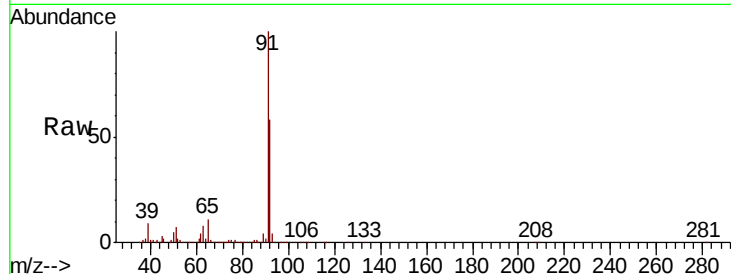
JTY-SB-03-1-2MSD

Tgt Ion: 91 Resp: 1767313

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#45

trans-1,3-Dichloropropene

Concen: 24.735 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004523.D

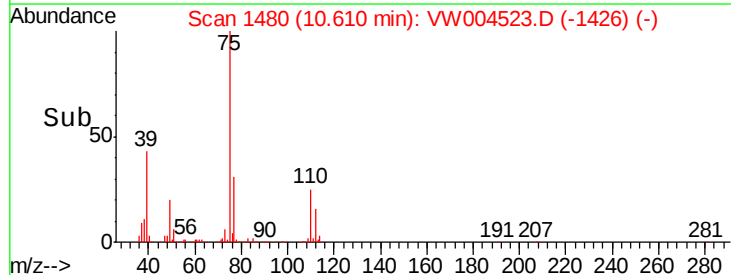
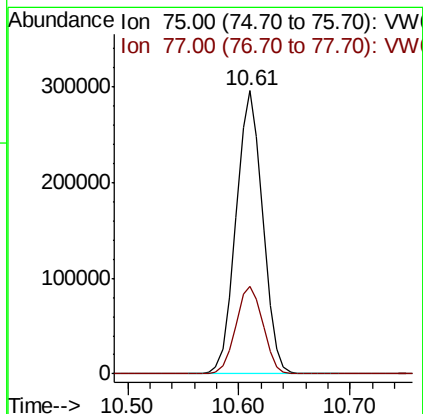
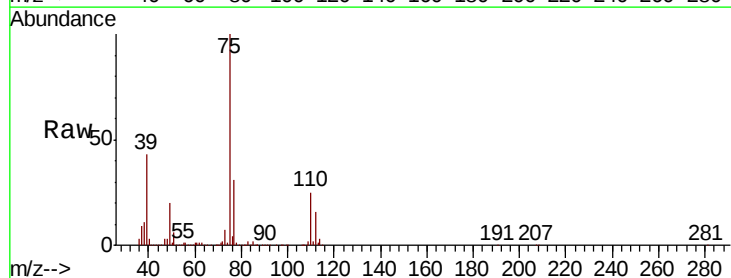
Acq: 08 Aug 2018 04:56

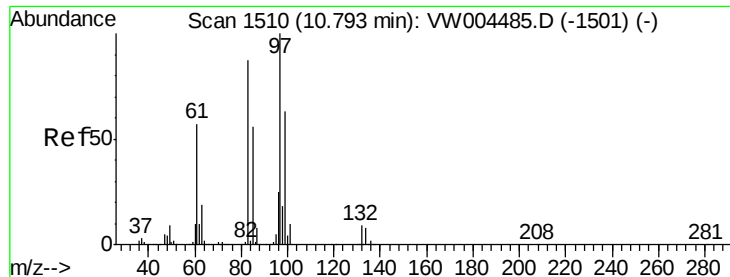
Tgt Ion: 75 Resp: 488639

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6

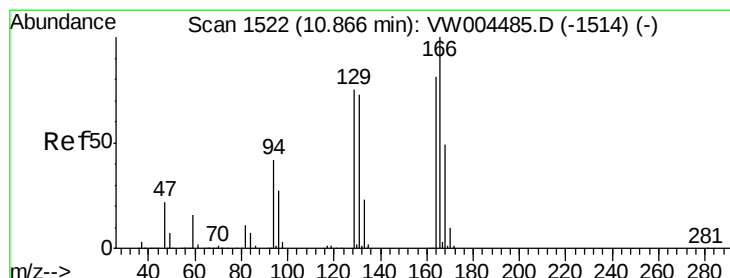
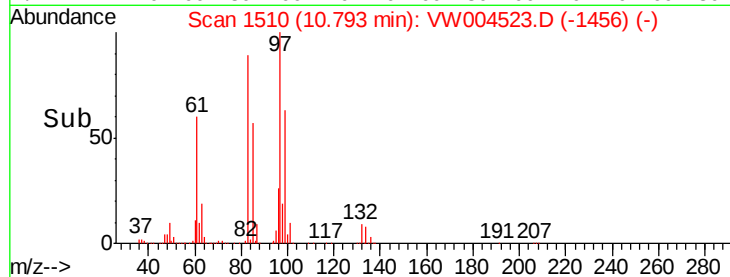
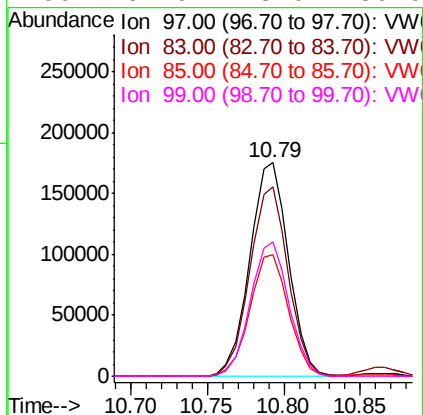
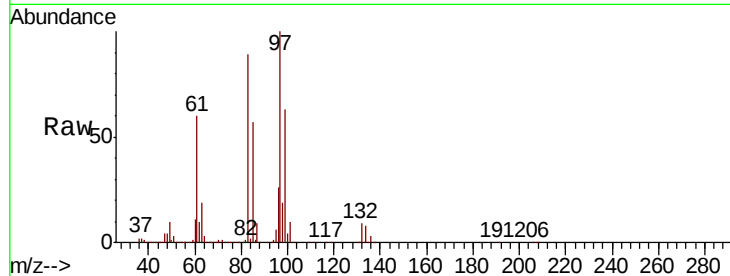




#46
 1,1,2-Trichloroethane
 Concen: 24.729 ug/L
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

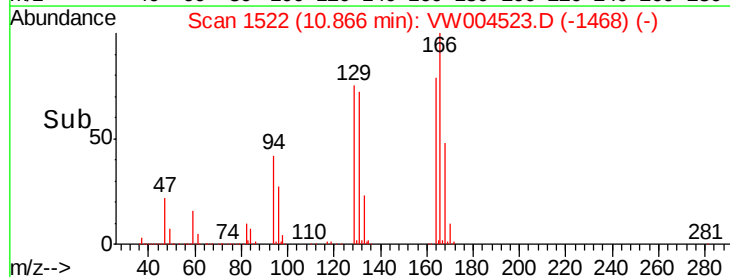
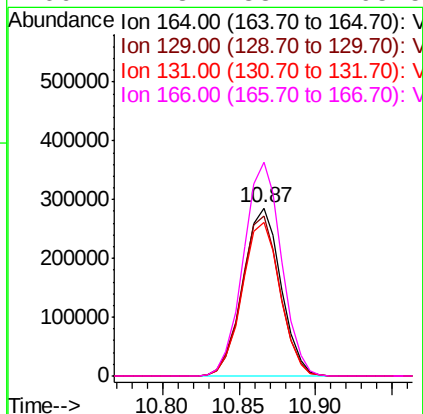
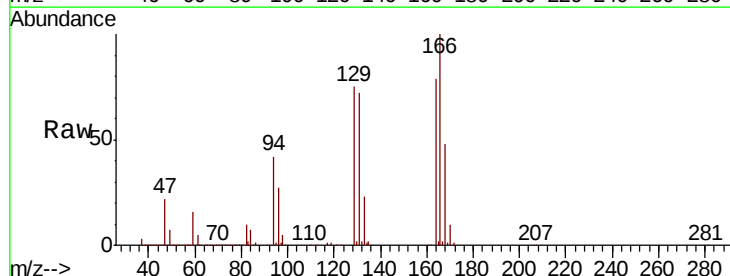
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MSD

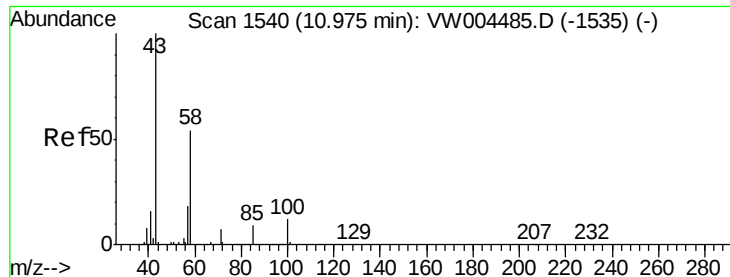
Tgt Ion:	97	Resp:	308851
Ion	Ratio	Lower	Upper
97	100		
83	88.7	61.8	114.8
85	56.9	38.8	72.0
99	62.9	43.0	80.0



#47
 Tetrachloroethene
 Concen: 40.788 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

Tgt Ion:	164	Resp:	492390
Ion	Ratio	Lower	Upper
164	100		
129	95.6	65.4	121.4
131	91.8	63.8	118.6
166	127.3	88.1	163.5

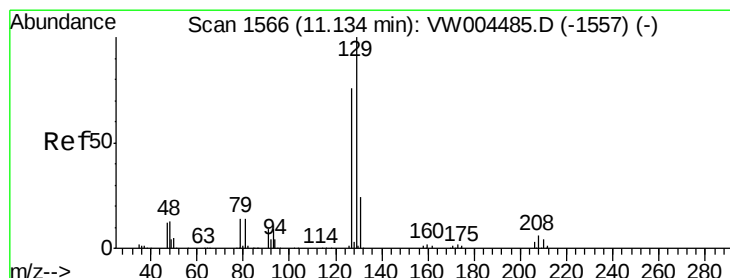
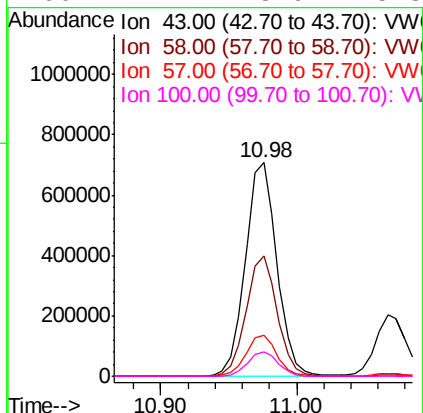
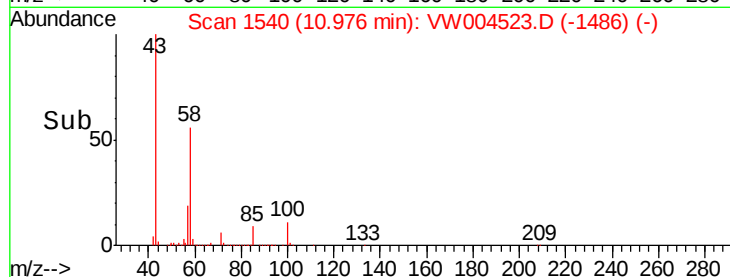
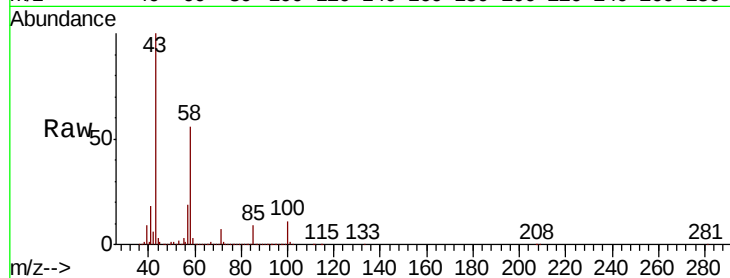




#49
2-Hexanone
Concen: 126.827 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

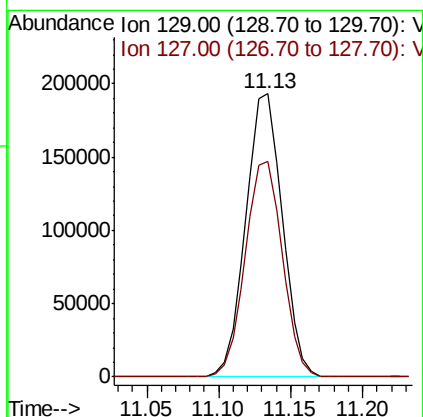
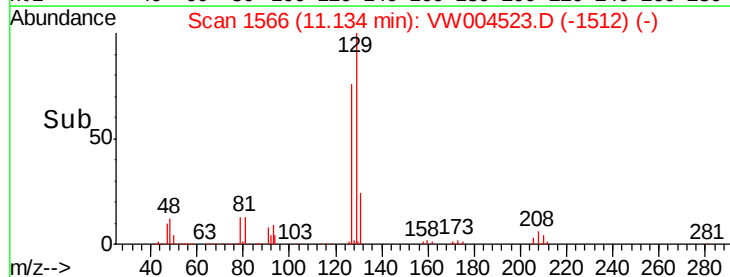
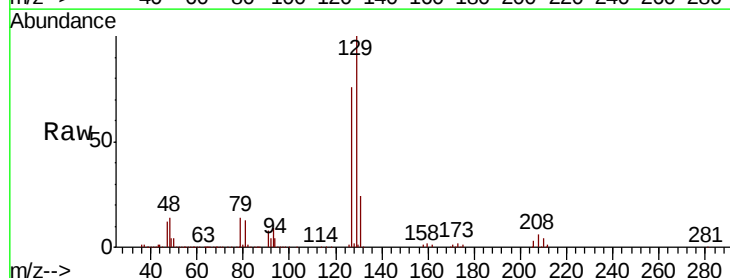
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MSD

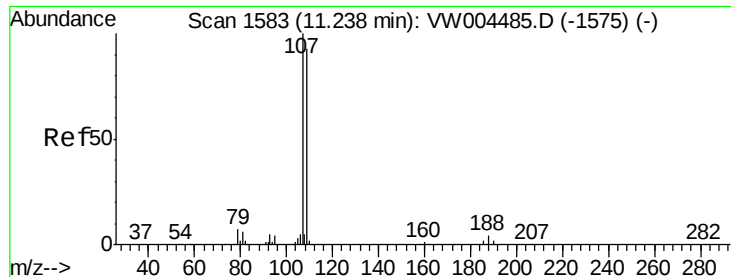
Tgt Ion: 43 Resp: 1148052
Ion Ratio Lower Upper
43 100
58 55.3 43.4 65.0
57 18.8 15.0 22.6
100 11.4 8.9 13.3



#50
Dibromochloromethane
Concen: 24.551 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

Tgt Ion: 129 Resp: 340143
Ion Ratio Lower Upper
129 100
127 76.3 54.1 100.5





#51

1,2-Dibromoethane

Concen: 24.039 ug/L

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

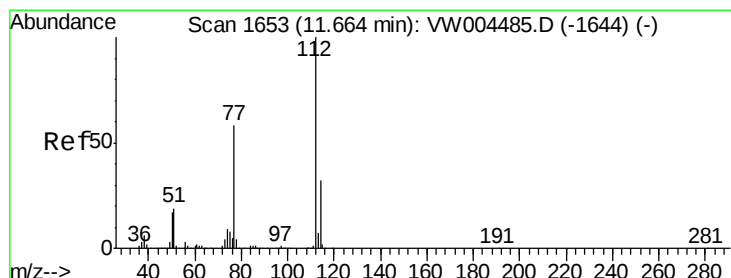
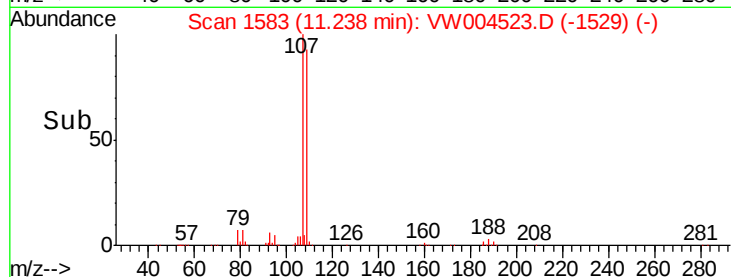
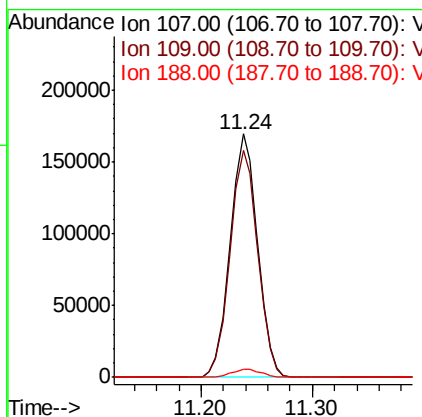
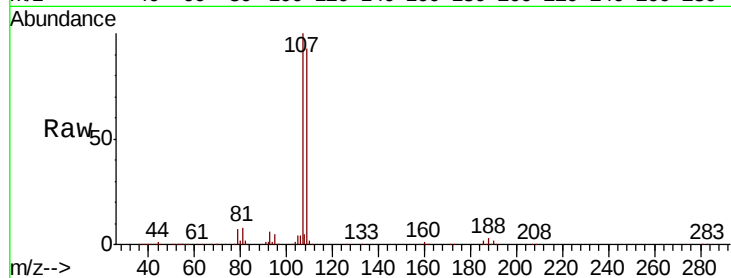
Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MSD

Tgt Ion:	107	Resp:	287785
Ion	Ratio	Lower	Upper
107	100		
109	93.2	66.8	124.2
188	3.4	2.6	3.8



#52

Chlorobenzene

Concen: 26.338 ug/L

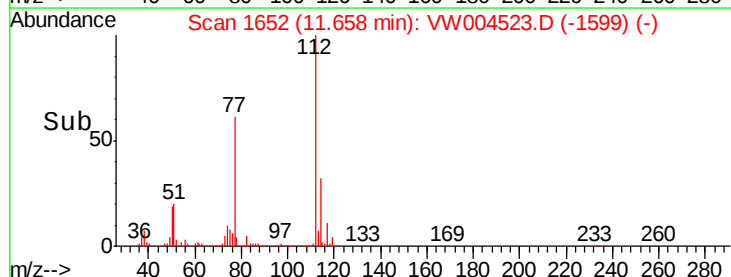
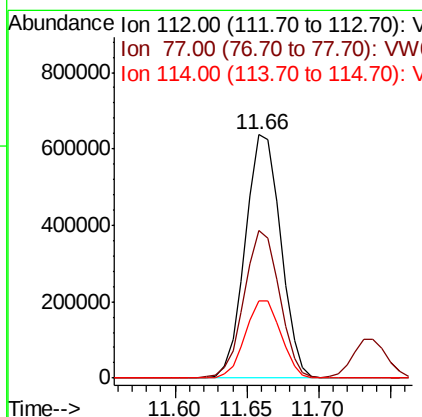
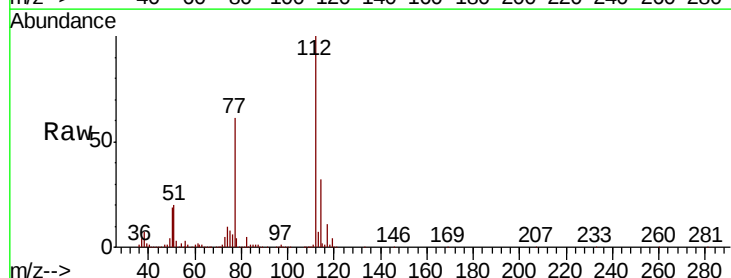
RT: 11.66 min Scan# 1652

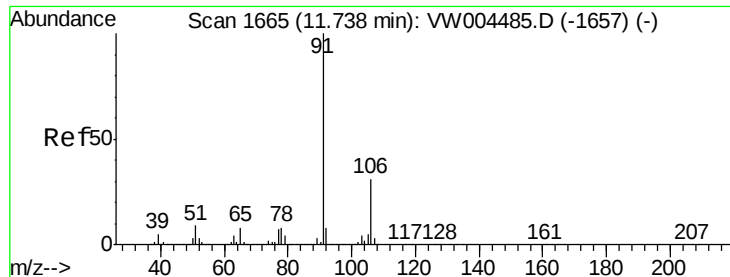
Delta R.T. -0.01 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Tgt Ion:	112	Resp:	1087249
Ion	Ratio	Lower	Upper
112	100		
77	60.6	46.5	69.7
114	31.9	22.0	41.0

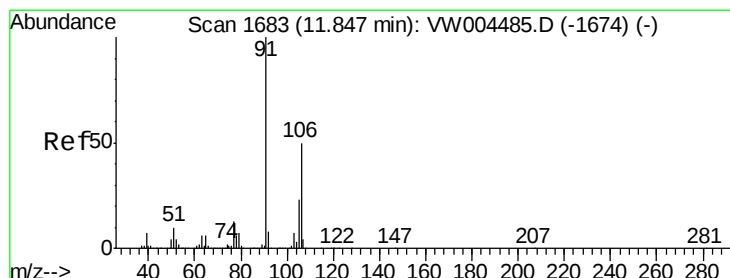
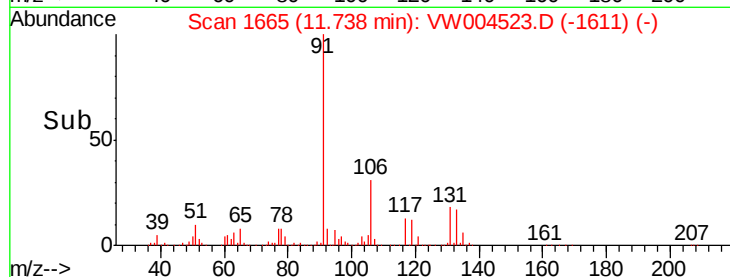
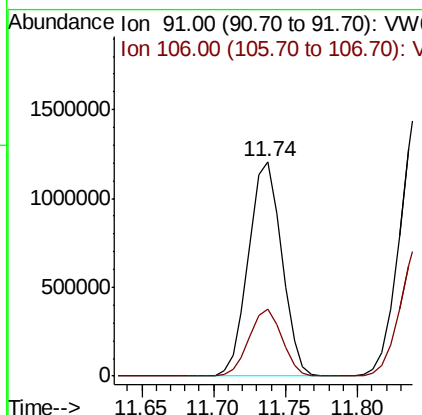
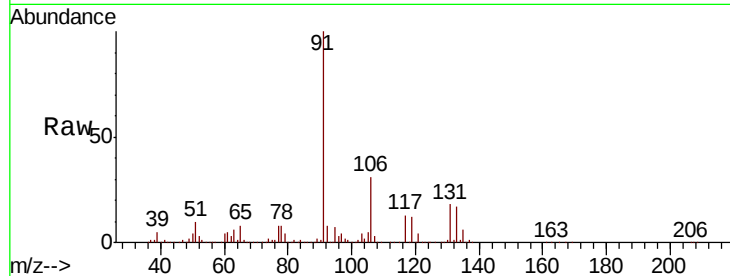




#53
Ethylbenzene
Concen: 28.178 ug/L
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

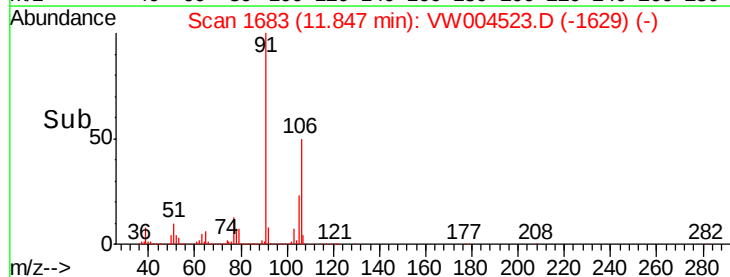
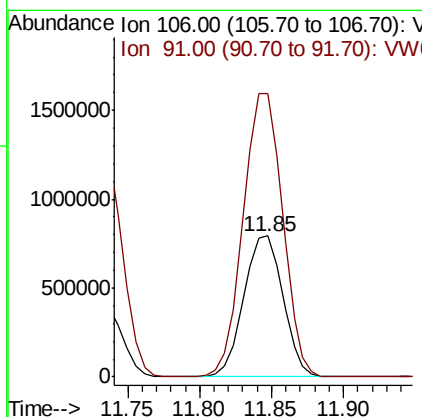
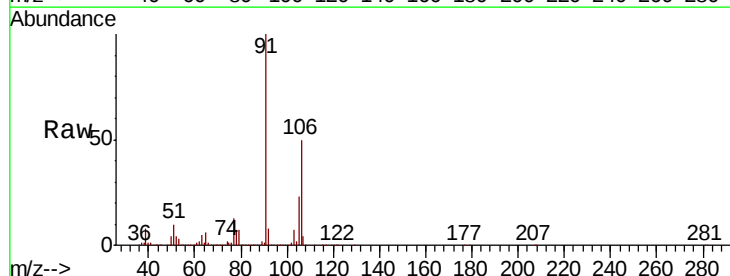
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MSD

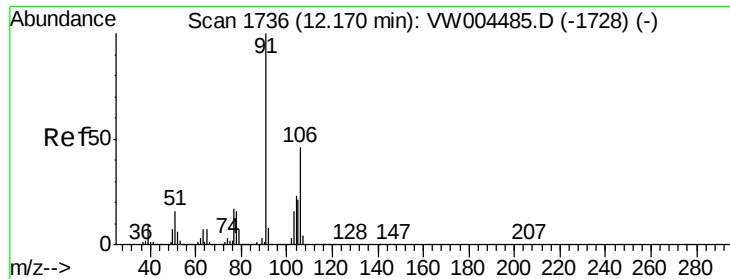
Tgt Ion: 91 Resp: 1932808
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.0



#54
m,p-Xylene
Concen: 58.418 ug/L
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004523.D
Acq: 08 Aug 2018 04:56

Tgt Ion: 106 Resp: 1494994
Ion Ratio Lower Upper
106 100
91 200.6 143.0 265.6





#55

o-xylene

Concen: 29.017 ug/L

RT: 12.17 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

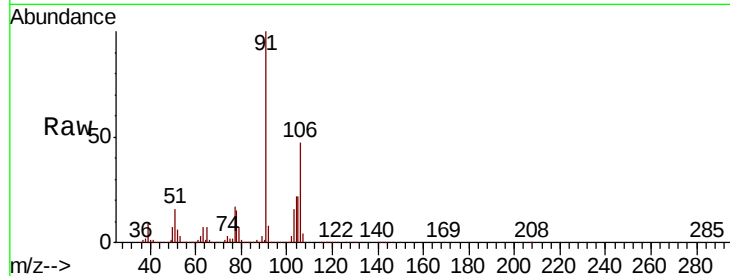
JTY-SB-03-1-2MSD

Tgt Ion:106 Resp: 703631

Ion Ratio Lower Upper

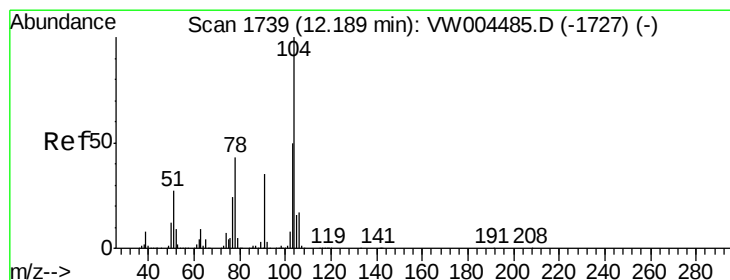
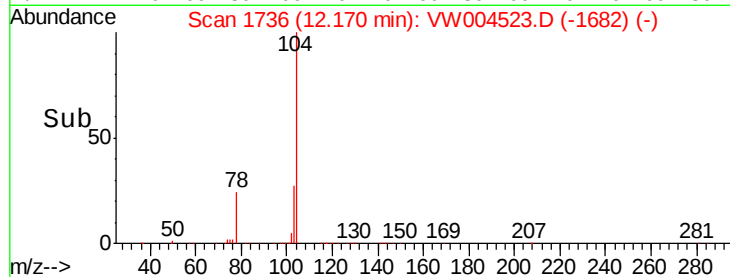
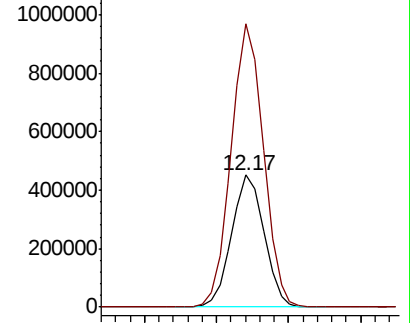
106 100

91 214.4 152.0 282.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 23.620 ug/L

RT: 12.18 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VW004523.D

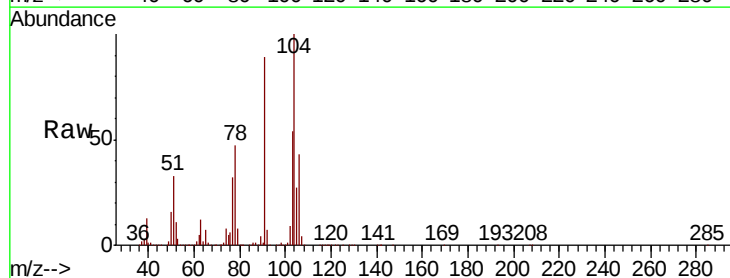
Acq: 08 Aug 2018 04:56

Tgt Ion:104 Resp: 998025

Ion Ratio Lower Upper

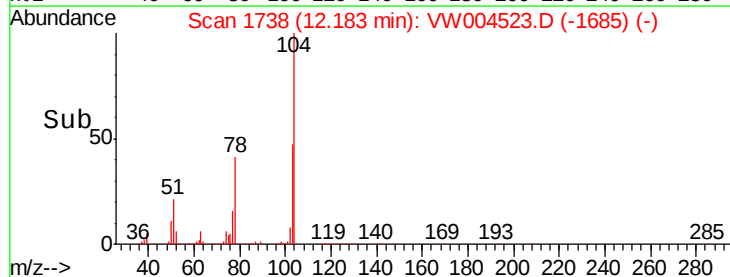
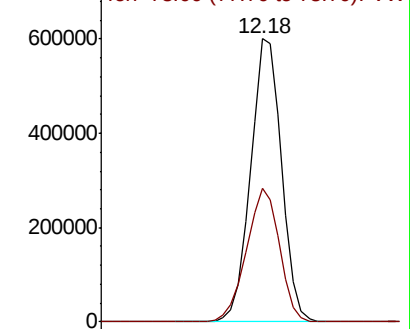
104 100

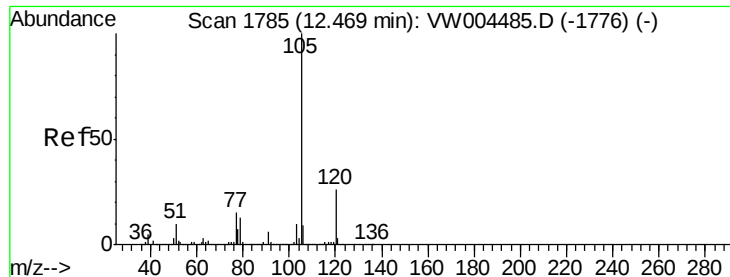
78 47.3 30.8 57.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 29.350 ug/L

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MSD

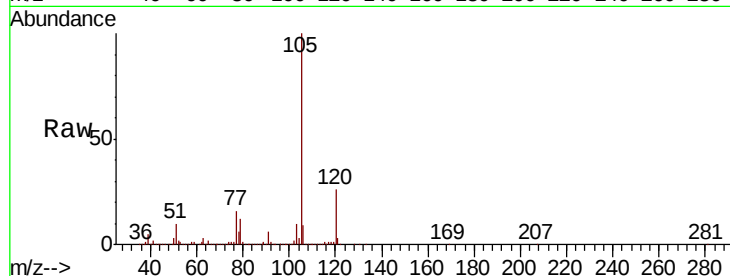
Tgt Ion:105 Resp: 1926422

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.4

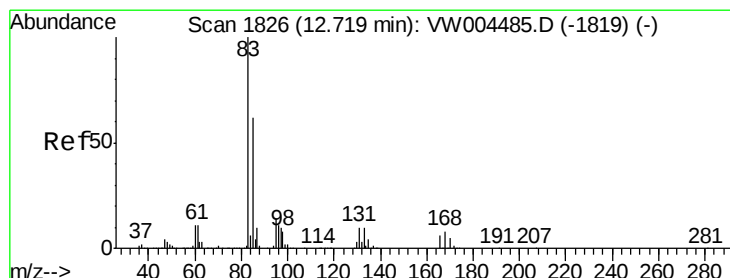
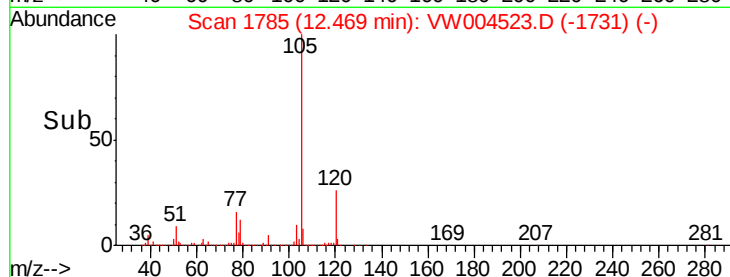
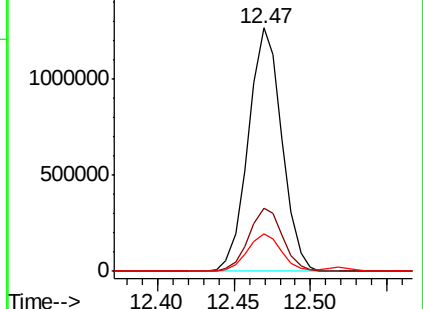
77 15.5 12.4 18.6



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: 20.542 ug/L

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

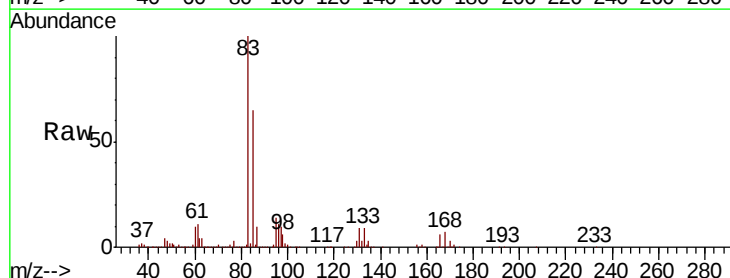
Tgt Ion: 83 Resp: 372356

Ion Ratio Lower Upper

83 100

85 64.8 46.1 85.5

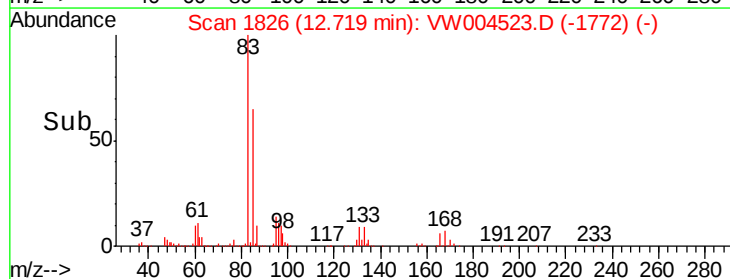
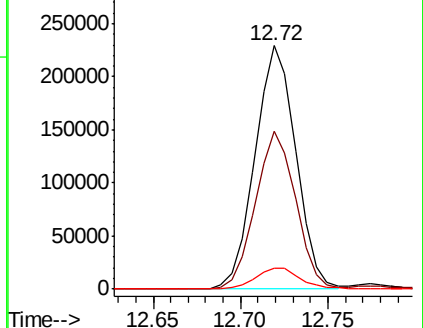
131 8.7 8.1 12.1

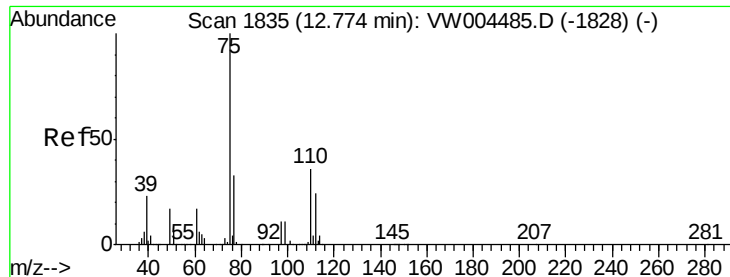


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 7.536 ug/L

RT: 12.52 min Scan# 1793

Delta R.T. -0.26 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

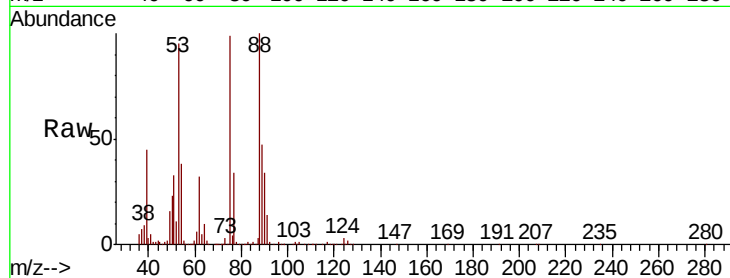
JTY-SB-03-1-2MSD

Tgt Ion: 75 Resp: 102031

Ion Ratio Lower Upper

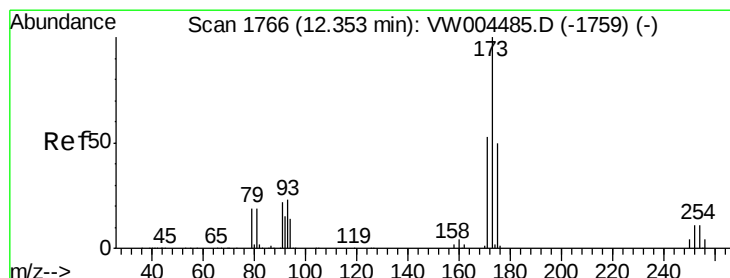
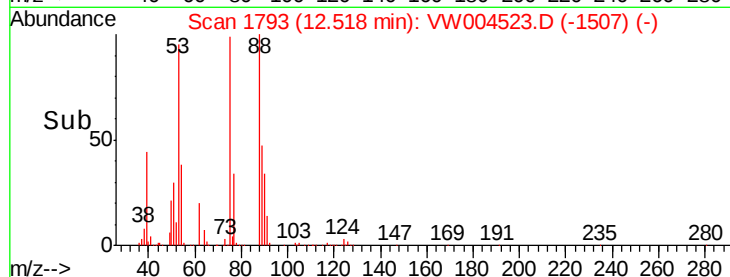
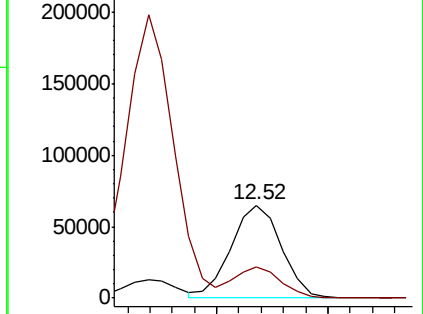
75 100

77 31.1 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#62

Bromoform

Concen: 23.329 ug/L

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

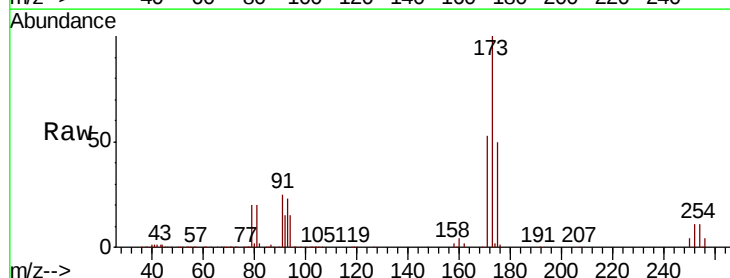
Tgt Ion: 173 Resp: 204532

Ion Ratio Lower Upper

173 100

175 49.7 39.0 58.4

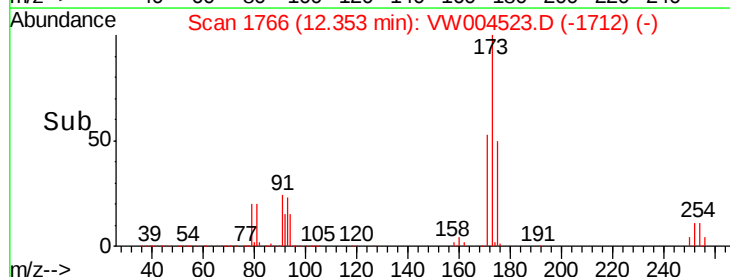
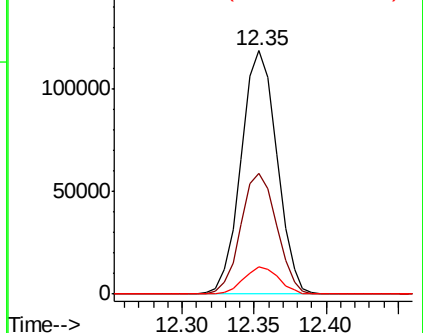
254 10.8 8.1 12.1

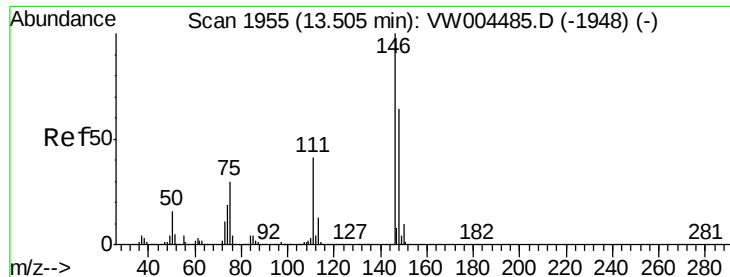


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

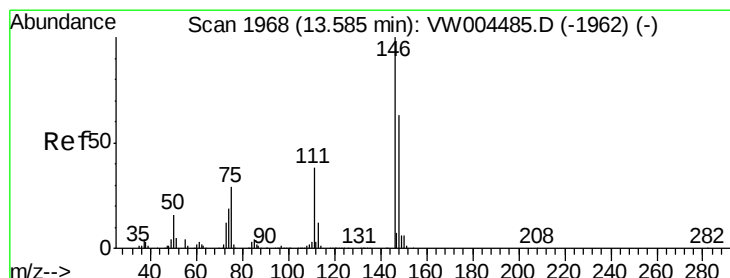
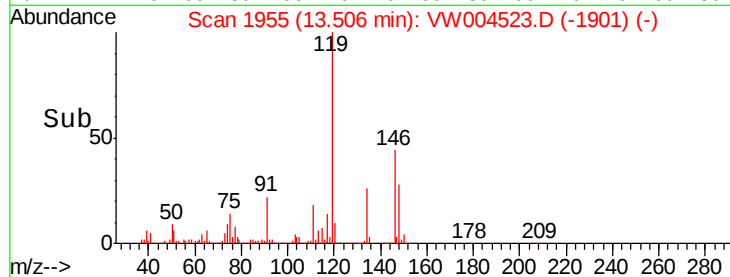
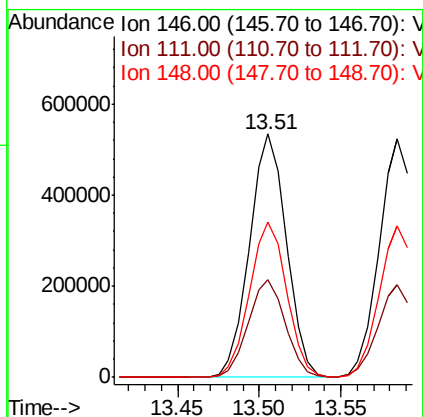
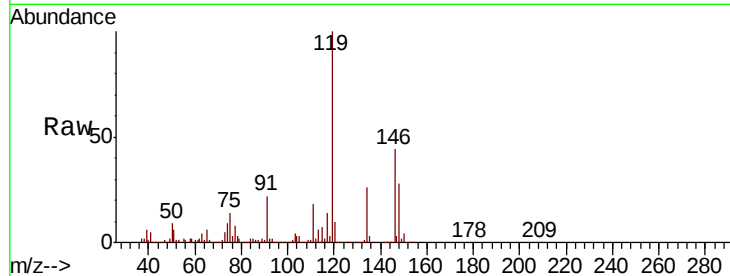




#63
 1,3-Dichlorobenzene
 Concen: 28.142 ug/L
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

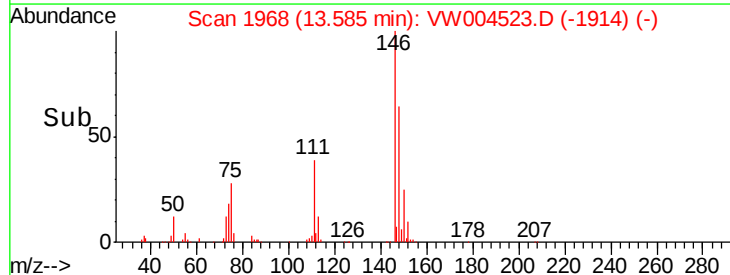
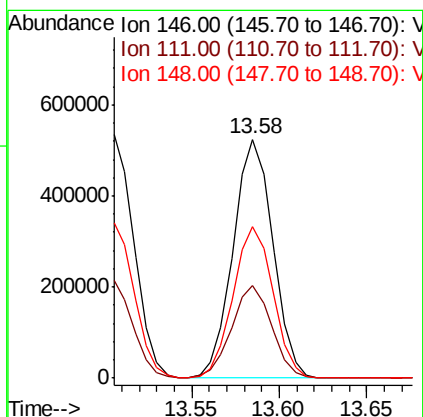
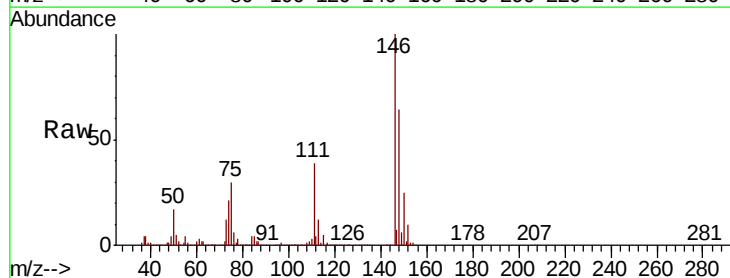
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MSD

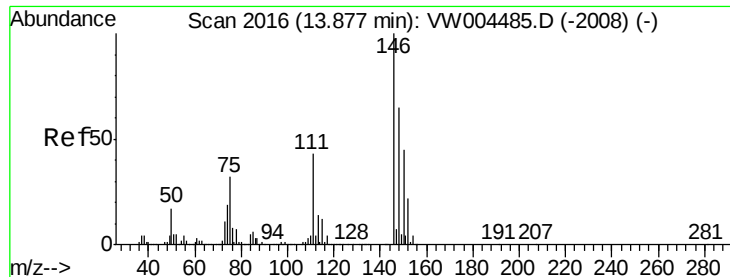
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	27.7	51.5
148	64.0	43.8	81.4



#64
 1,4-Dichlorobenzene
 Concen: 25.758 ug/L
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.7	51.5
148	63.5	45.5	84.5

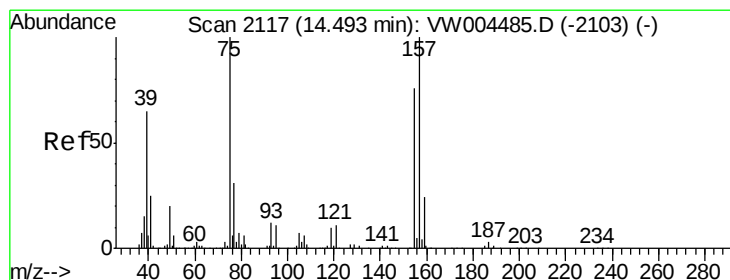
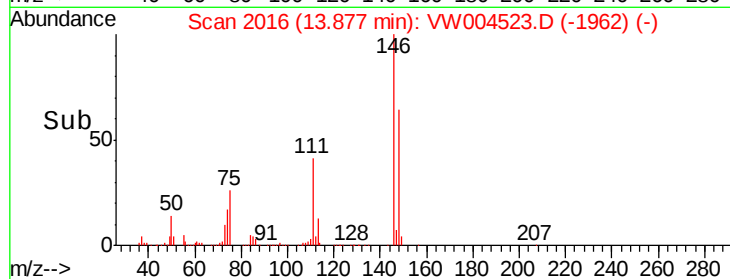
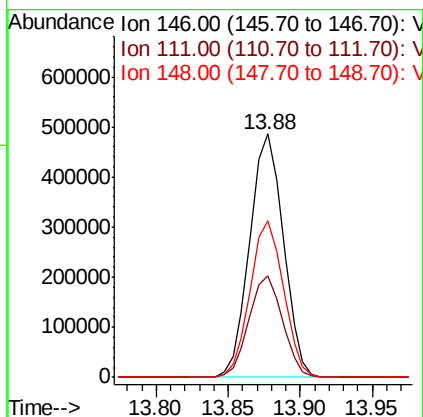
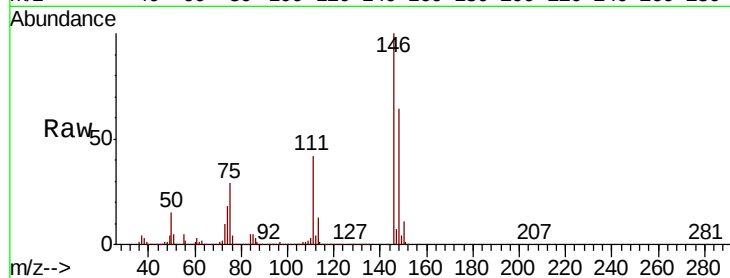




#65
 1,2-Dichlorobenzene
 Concen: 26.154 ug/L
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

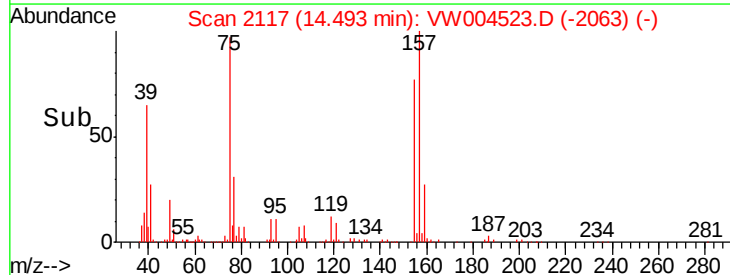
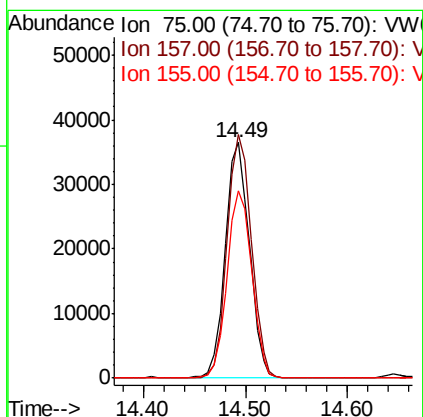
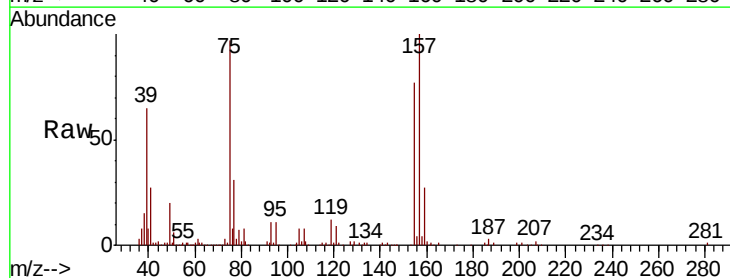
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MSD

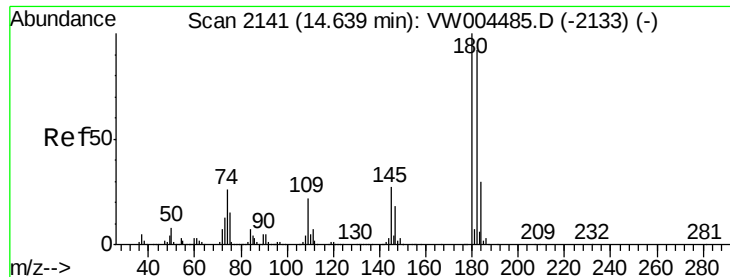
Tgt Ion: 146 Resp: 786622
 Ion Ratio Lower Upper
 146 100
 111 41.6 33.4 50.2
 148 64.2 50.8 76.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 19.296 ug/L
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004523.D
 Acq: 08 Aug 2018 04:56

Tgt Ion: 75 Resp: 59615
 Ion Ratio Lower Upper
 75 100
 157 103.2 81.4 122.0
 155 79.5 63.0 94.6





#67

1,3,5-Trichlorobenzene

Concen: 19.716 ug/L

RT: 15.14 min Scan# 2223

Delta R.T. 0.50 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MSD

Tgt Ion:180 Resp: 469156

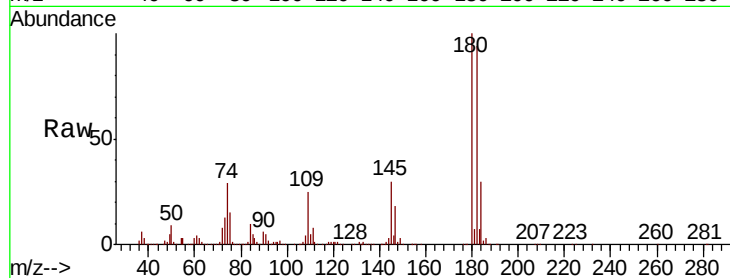
Ion Ratio Lower Upper

180 100

182 94.5 75.1 112.7

184 30.0 24.0 36.0

145 29.8 23.0 34.6

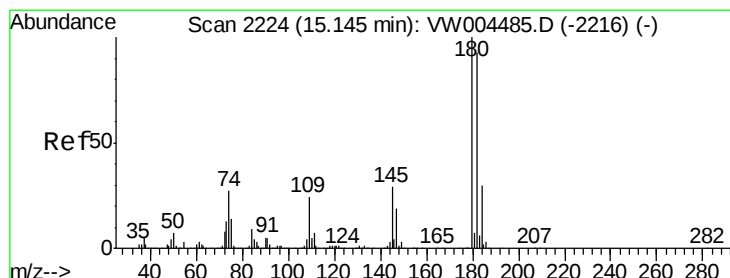
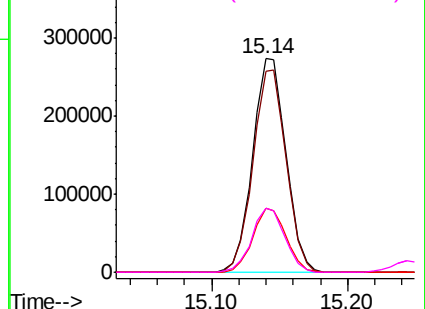
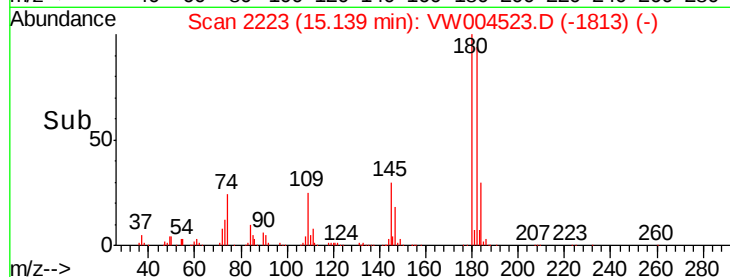


Abundance Ion 180.00 (179.70 to 180.70): V

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: 24.370 ug/L

RT: 15.14 min Scan# 2223

Delta R.T. -0.01 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

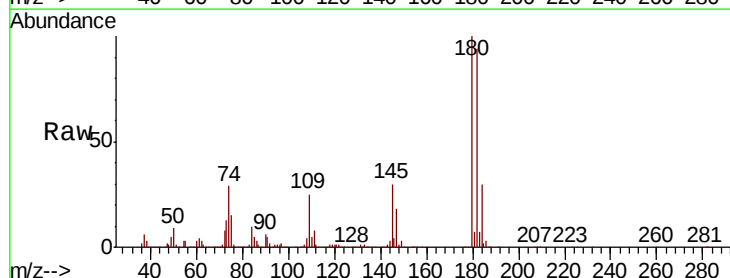
Tgt Ion:180 Resp: 469156

Ion Ratio Lower Upper

180 100

182 94.5 76.9 115.3

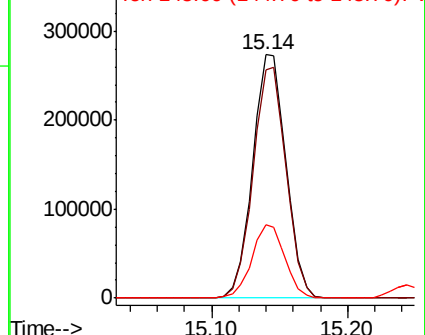
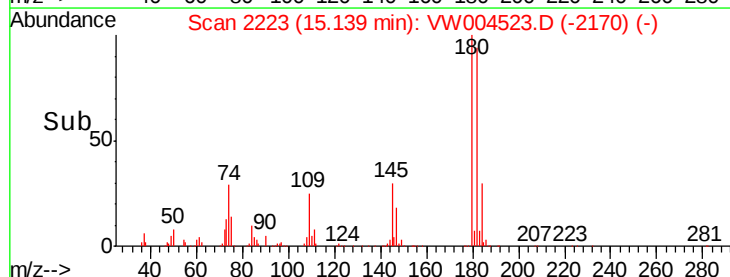
145 29.8 23.4 35.2

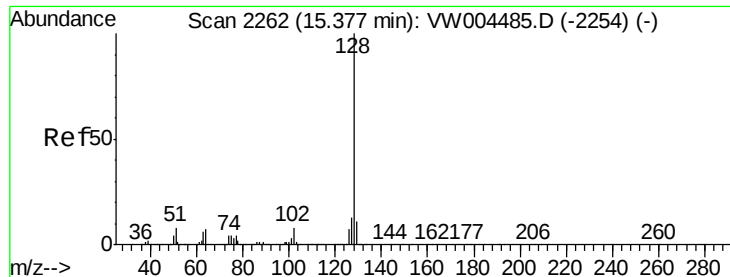


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 21.644 ug/L

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MSD

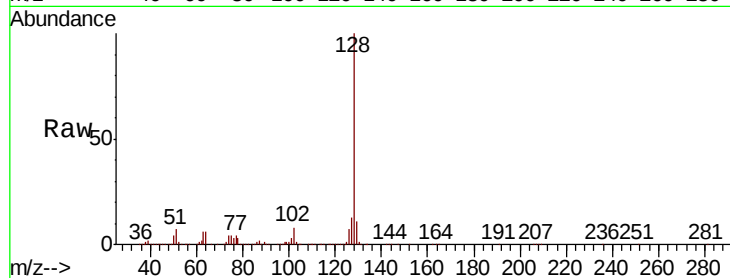
Tgt Ion:128 Resp: 950215

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

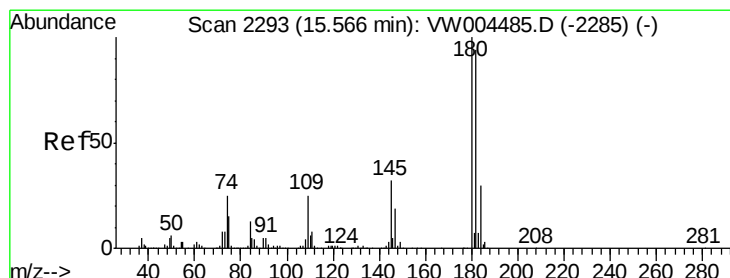
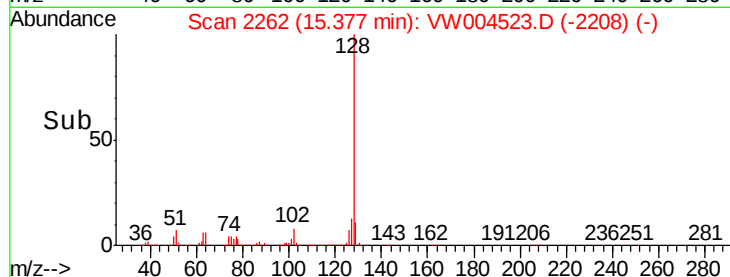
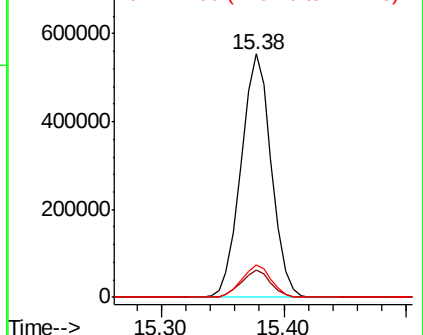
127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 23.174 ug/L

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW004523.D

Acq: 08 Aug 2018 04:56

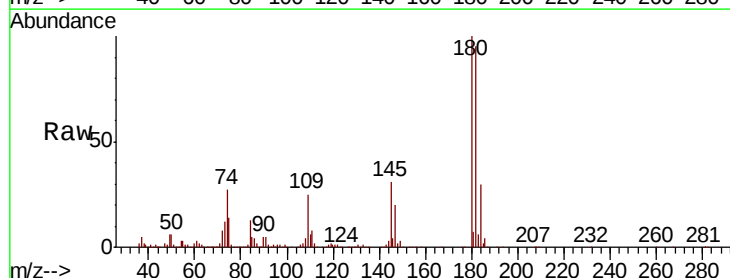
Tgt Ion:180 Resp: 434466

Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 31.6 25.2 37.8



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

