

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016539.D
 Acq On : 01 Jun 2020 19:08
 Operator : JC/SP
 Sample : L2831-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20200529

Quant Time: Jun 02 01:50:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	425599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154513	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.47	113	125624	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.70	98	520451	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.12	95	225206	57.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.28%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	27631	9.143	ug/l	99
5) Bromomethane	1.64	94	1099	0.707	ug/l #	79
6) Chloroethane	1.71	64	36369	19.507	ug/l	100
10) Methyl Iodide	2.50	142	264	3.145	ug/l #	84
11) Tert butyl alcohol	3.01	59	1752627	2165.659	ug/l	100
13) Acrolein	2.27	56	970	2.818	ug/l #	13
14) Allyl chloride	2.57	41	4374	0.973	ug/l #	57
15) Acrylonitrile	3.17	53	432	0.261	ug/l #	17
16) Acetone	2.42	43	978235	707.487	ug/l	99
17) Carbon Disulfide	2.55	76	1812	0.250	ug/l	100
18) Methyl Acetate	2.57	43	11368	3.206	ug/l #	51
19) Methyl tert-butyl Ether	3.17	73	28887	3.290	ug/l	100
22) Diisopropyl ether	3.83	45	4311	0.499	ug/l #	77
23) Vinyl Acetate	3.84	43	2136	0.282	ug/l #	71
24) 1,1-Dichloroethane	3.67	63	3027	0.621	ug/l #	95
25) 2-Butanone	4.64	43	223437	95.367	ug/l	97
28) Bromochloromethane	5.18	49	1580	0.697	ug/l #	12
29) Tetrahydrofuran	5.12	42	1152	0.761	ug/l #	34
30) Chloroform	5.18	83	22815	4.644	ug/l	98
31) Cyclohexane	5.62	56	4722	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	18710	4.643	ug/l #	52
37) Ethyl Acetate	4.64	43	223437	46.185	ug/l #	68
38) Carbon Tetrachloride	5.63	117	24767	5.849	ug/l #	16
40) Benzene	6.11	78	2991	0.249	ug/l	94
43) Isopropyl Acetate	6.42	43	6206	0.822	ug/l #	60
47) Bromodichloromethane	7.90	83	1921	0.452	ug/l #	1
48) Methyl methacrylate	7.63	41	6616	1.831	ug/l #	43
49) 1,4-Dioxane	7.51	88	279	3.300	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	112163	23.871	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	1338	0.445	ug/l #	58
56) Ethyl methacrylate	9.05	69	43748	8.928	ug/l #	72
59) 2-Hexanone	9.48	43	68511	18.749	ug/l	91
65) Chlorobenzene	10.31	112	52904	6.117	ug/l #	43
68) m/p-Xylenes	10.35	106	1745	0.306	ug/l	92

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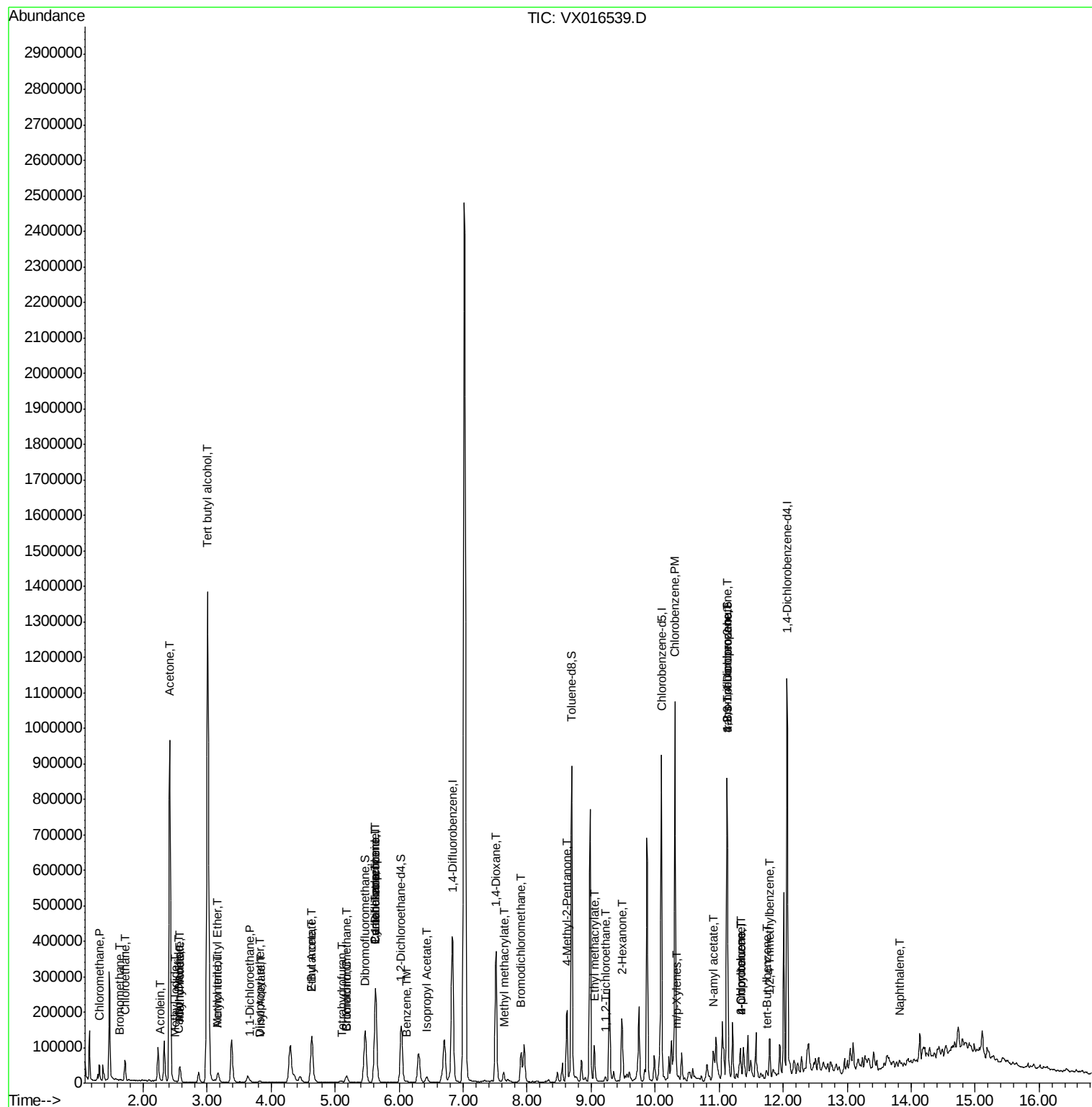
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	10.91	43	57984	7.939	uq/l #	70
76) 1,2,3-Trichloropropane	11.12	75	107832	21.406	uq/l #	36
78) n-propylbenzene	11.35	91	4308	0.243	uq/l	98
79) 2-Chlorotoluene	11.35	91	4308	0.398	uq/l	73
81) trans-1,4-Dichloro-2-buten	11.12	75	107832	52.656	uq/l #	14
82) 4-Chlorotoluene	11.35	91	4308	0.337	uq/l	79
83) tert-Butylbenzene	11.76	119	3633	0.321	uq/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	19825	1.478	uq/l	95
95) Naphthalene	13.82	128	12853	0.808	uq/l #	96

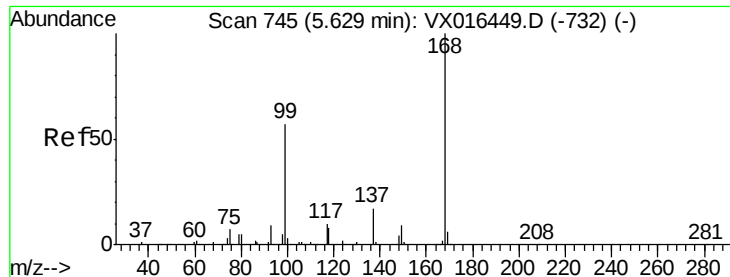
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

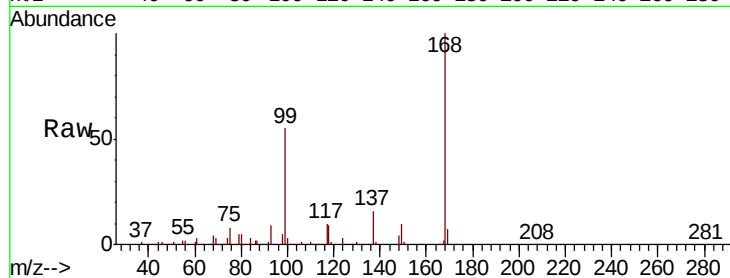
WC-20200529

Tot Ion:168 Resp: 254128

Ion Ratio Lower Upper

168 100

99 55.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

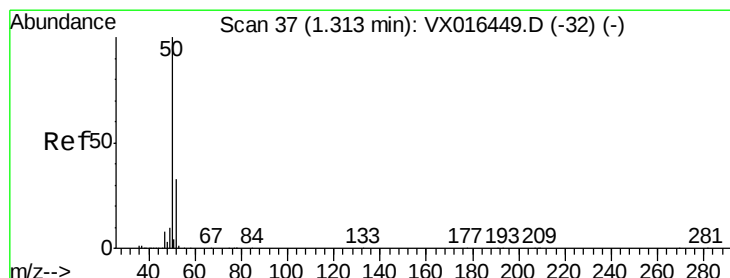
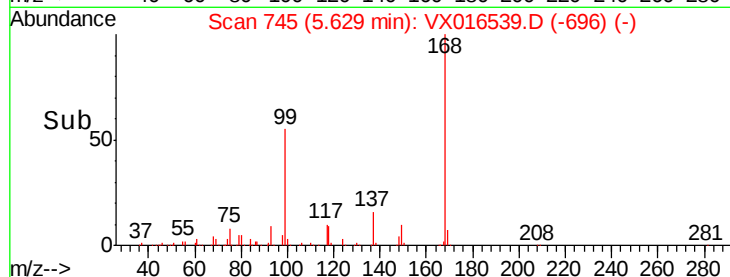
40000

20000

0

Time-->

5.50 5.60 5.70



#3

Chloromethane

Concen: 9.143 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016539.D

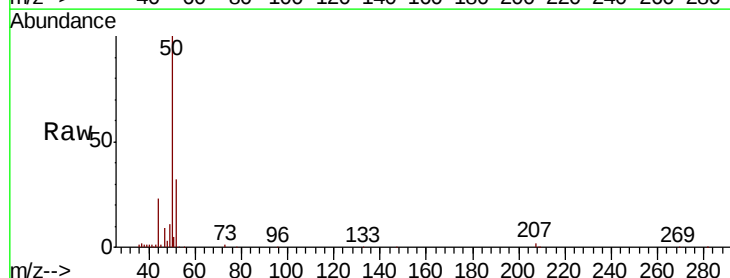
Acq: 01 Jun 2020 19:08

Tgt Ion: 50 Resp: 27631

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

30000

25000

20000

15000

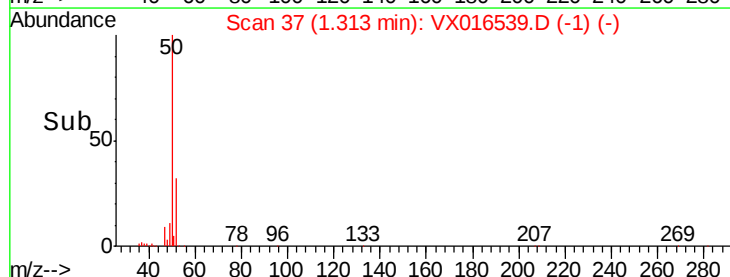
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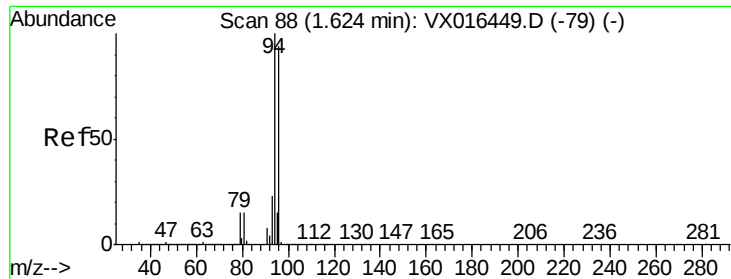
5000

0

Time-->

1.25 1.30 1.35





#5

Bromomethane

Concen: 0.707 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

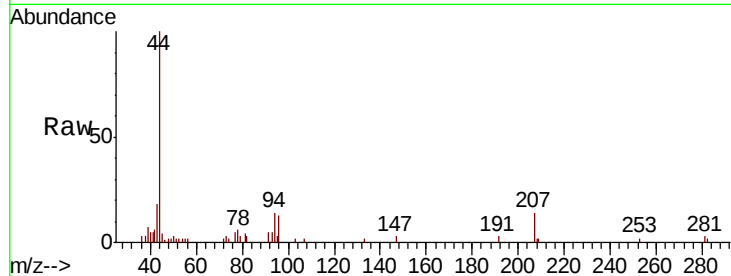
WC-20200529

Tot Ion: 94 Resp: 1099

Ion Ratio Lower Upper

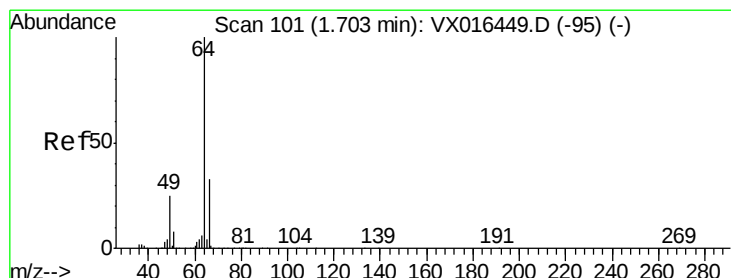
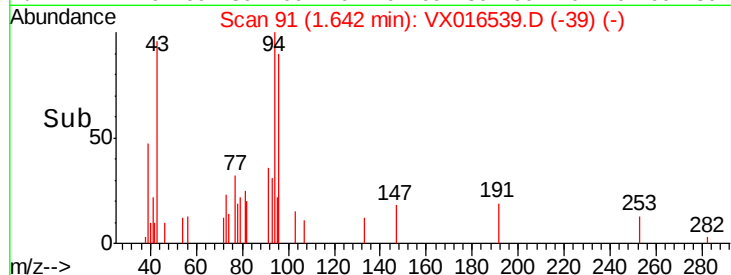
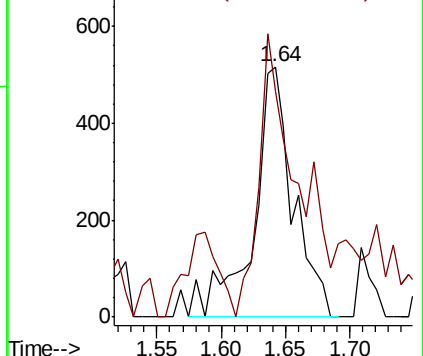
94 100

96 73.7 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.507 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016539.D

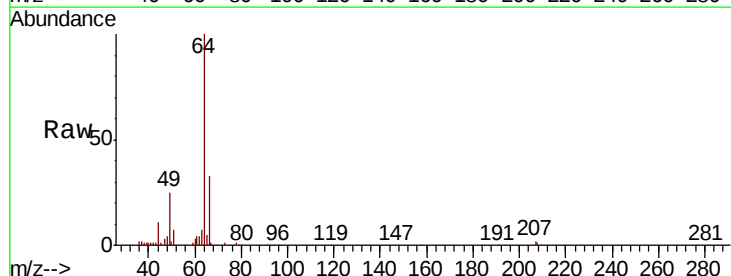
Acq: 01 Jun 2020 19:08

Tgt Ion: 64 Resp: 36369

Ion Ratio Lower Upper

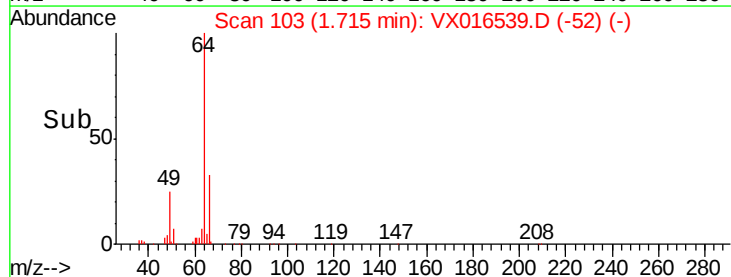
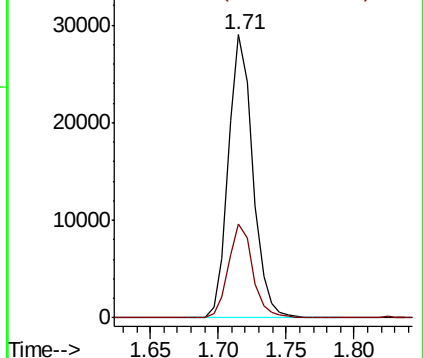
64 100

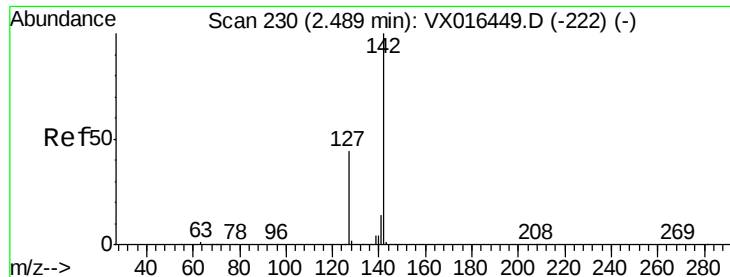
66 33.2 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

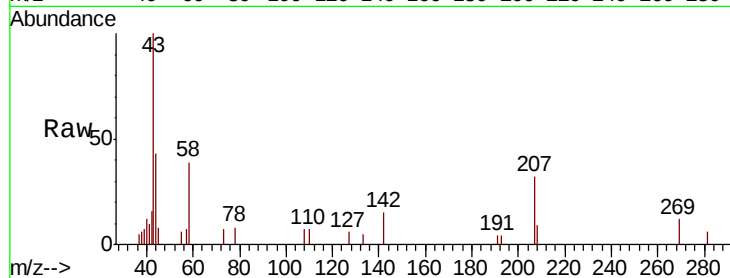




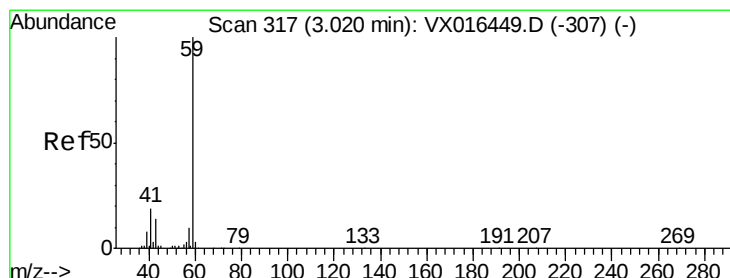
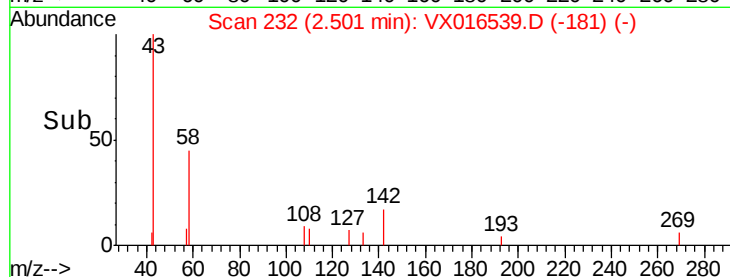
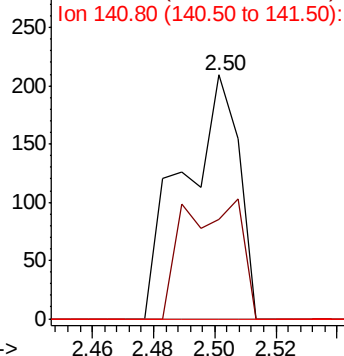
#10
Methyl Iodide
Concen: 3.145 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
WC-20200529

Tot Ion:142 Resp: 264
Ion Ratio Lower Upper
142 100
127 50.4 35.3 52.9
141 0.0 11.4 17.2#

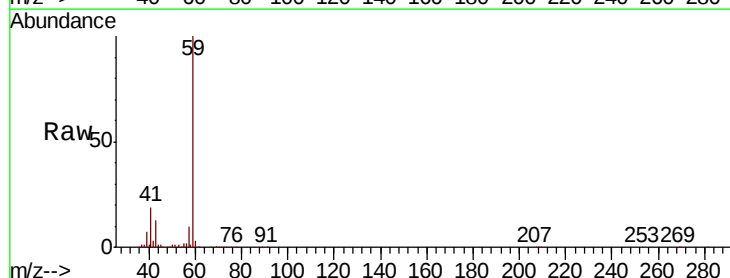


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

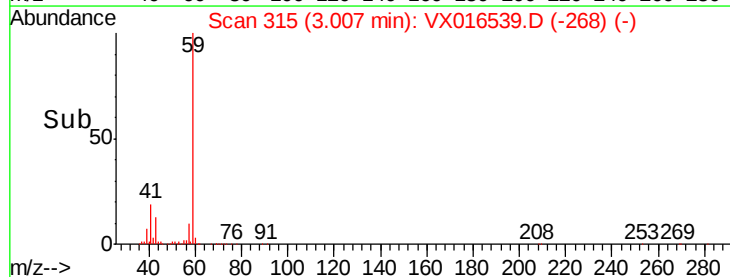
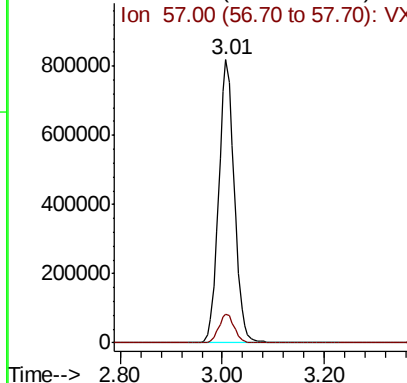


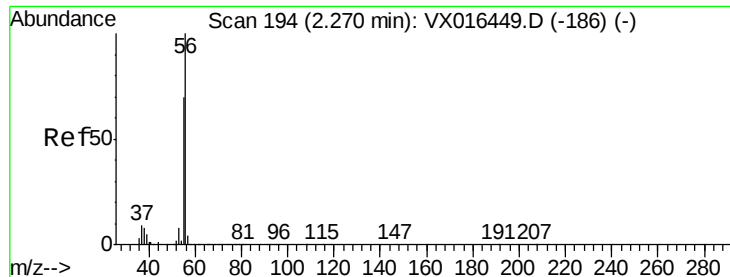
#11
Tert butyl alcohol
Concen: 2165.659 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Tgt Ion: 59 Resp: 1752627
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 2.818 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

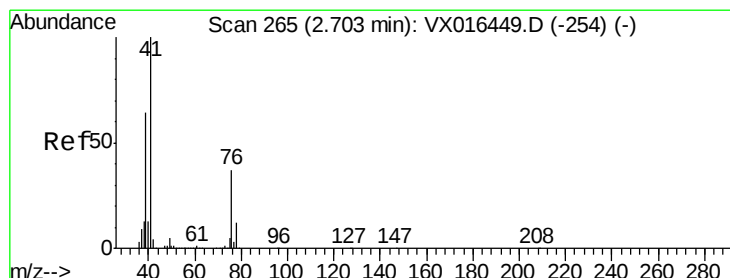
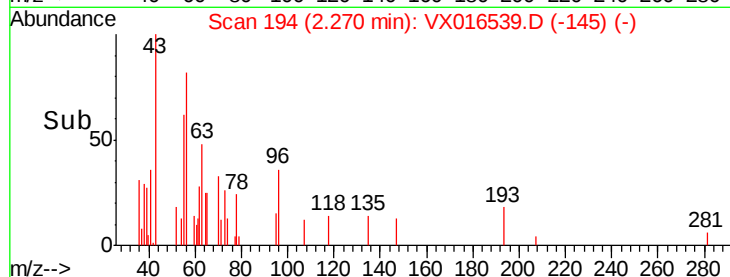
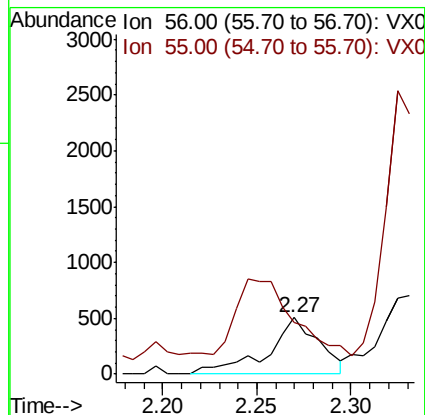
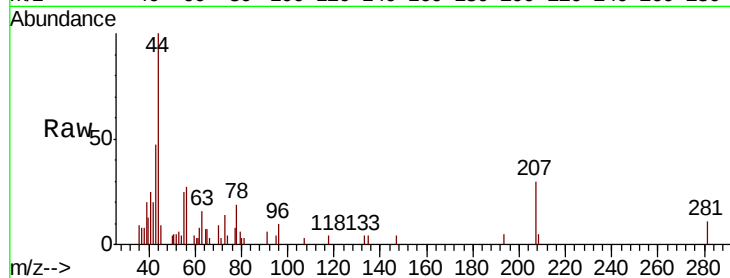
WC-20200529

Tot Ion: 56 Resp: 970

Ion Ratio Lower Upper

56 100

55 0.0 58.3 87.5#



#14

Allyl chloride

Concen: 0.973 ug/l

RT: 2.57 min Scan# 243

Delta R.T. -0.13 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

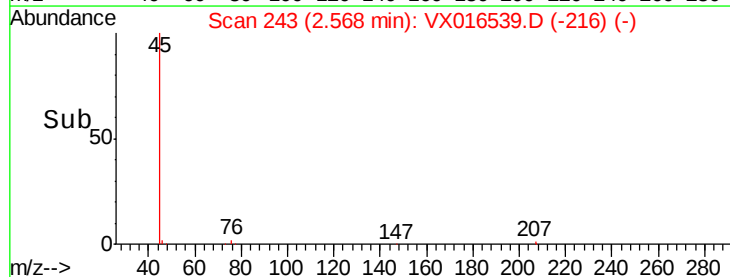
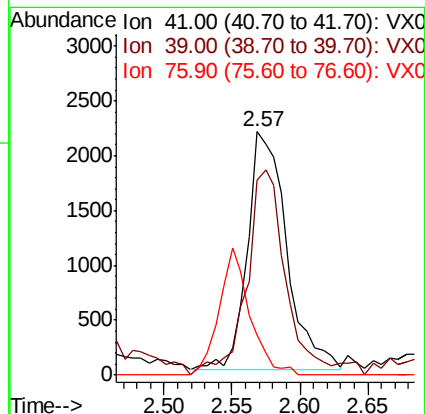
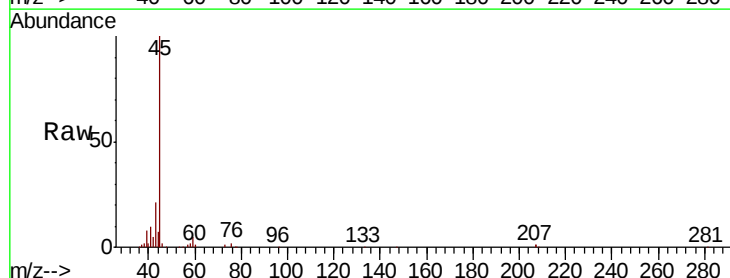
Tgt Ion: 41 Resp: 4374

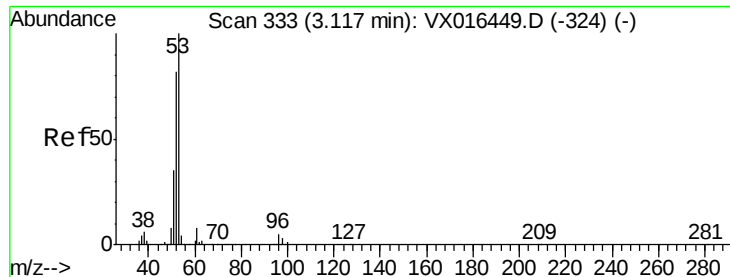
Ion Ratio Lower Upper

41 100

39 85.1 47.7 71.5#

76 0.0 26.6 40.0#





#15

Acrylonitrile

Concen: 0.261 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.05 min

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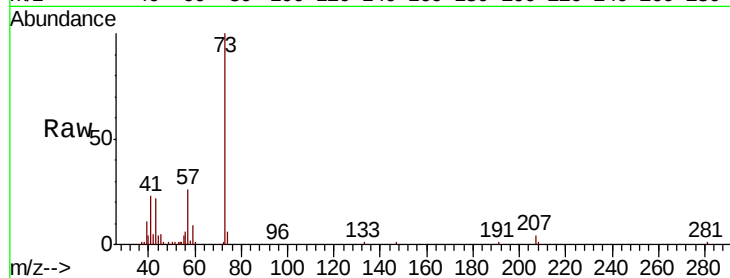
Tot Ion: 53 Resp: 432

Ion Ratio Lower Upper

53 100

52 0.0 66.7 100.1#

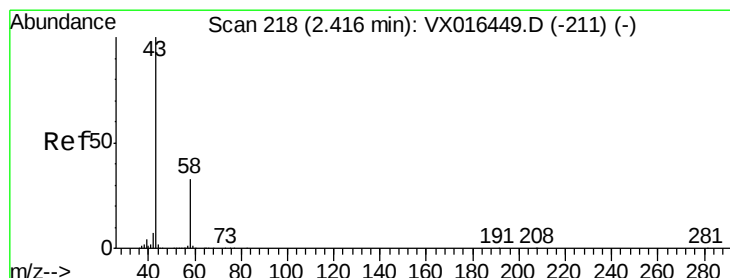
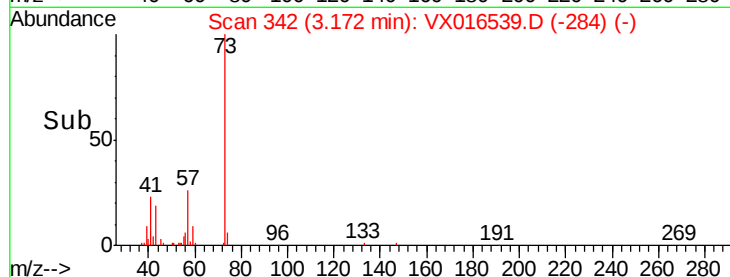
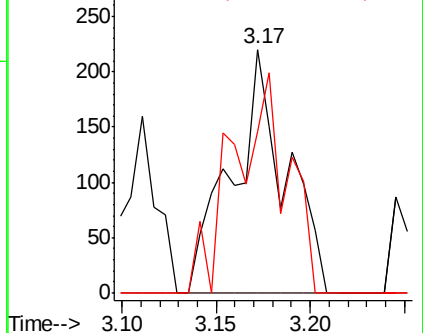
51 0.0 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 707.487 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016539.D

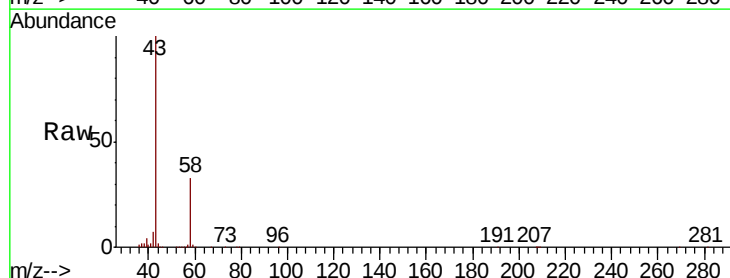
Acq: 01 Jun 2020 19:08

Tgt Ion: 43 Resp: 978235

Ion Ratio Lower Upper

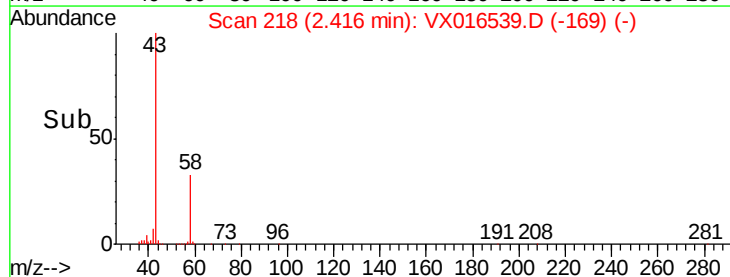
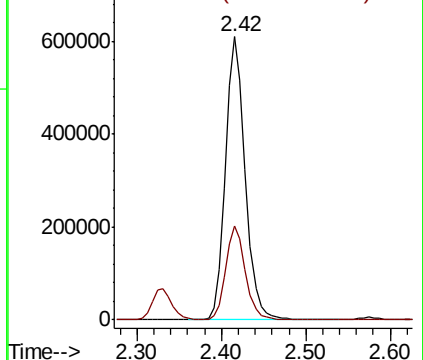
43 100

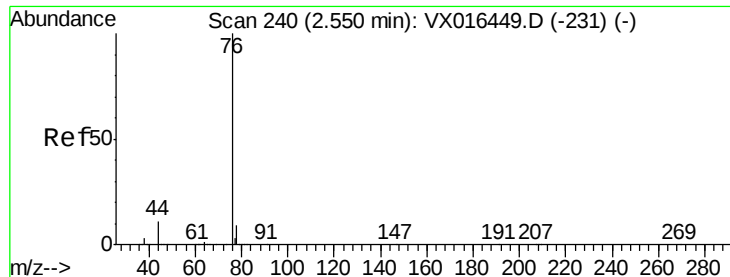
58 33.2 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

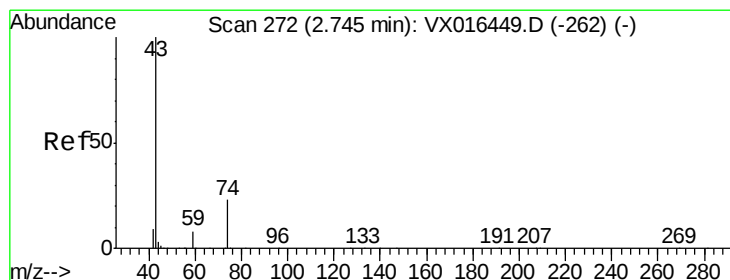
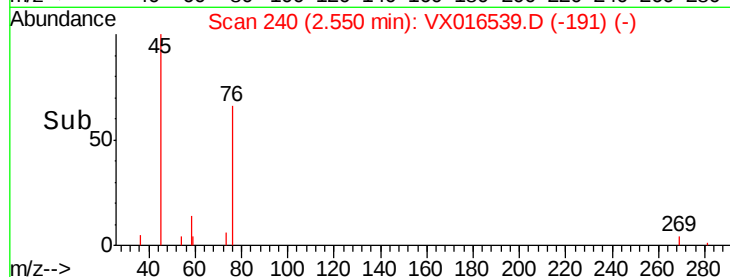
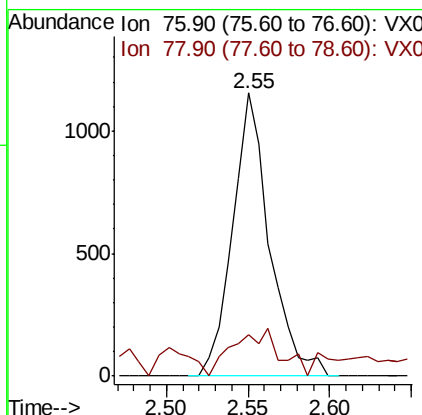
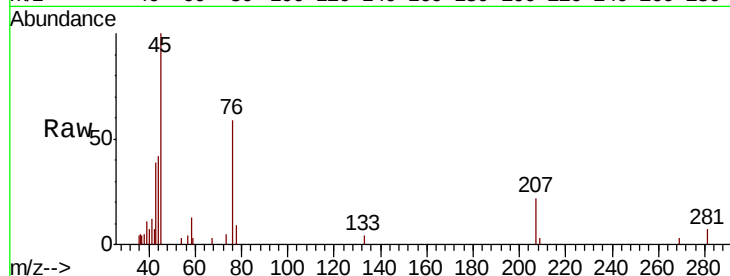




#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

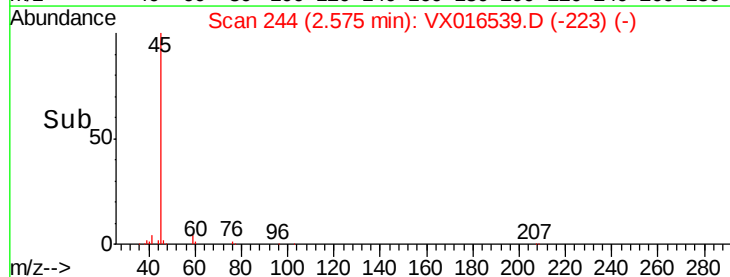
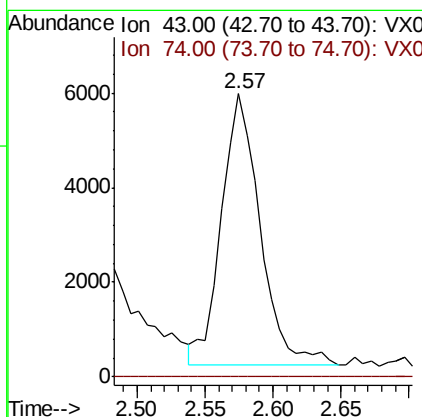
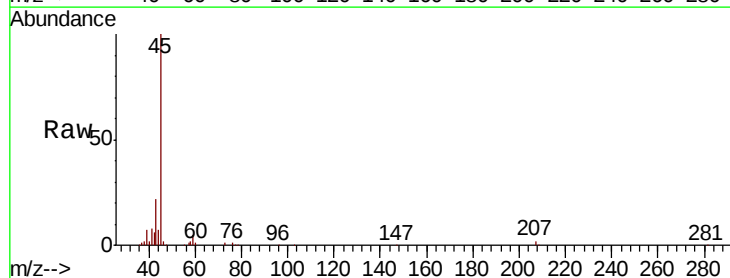
Instrument :
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WC-20200529

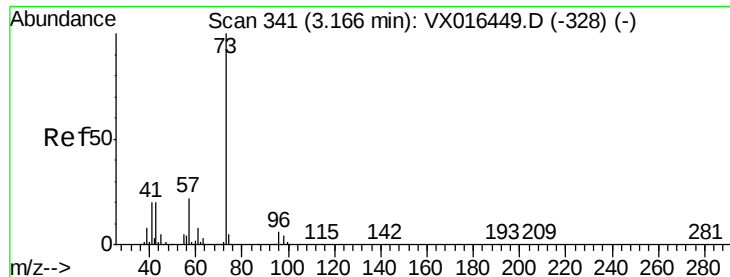
Tot Ion: 76 Resp: 1812
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 3.206 ug/l
RT: 2.57 min Scan# 244
Delta R.T. -0.17 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Tgt Ion: 43 Resp: 11368
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



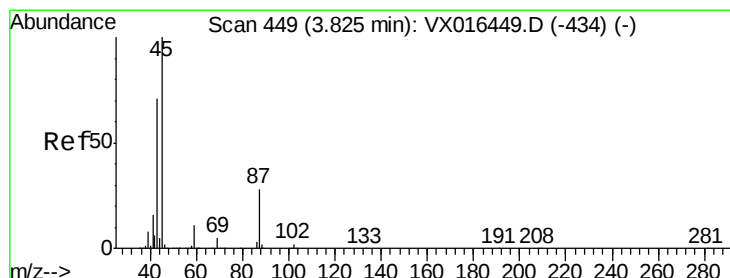
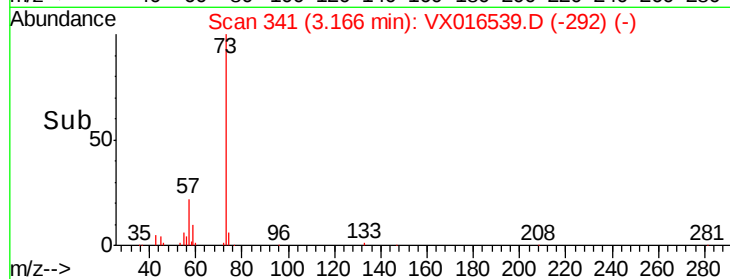
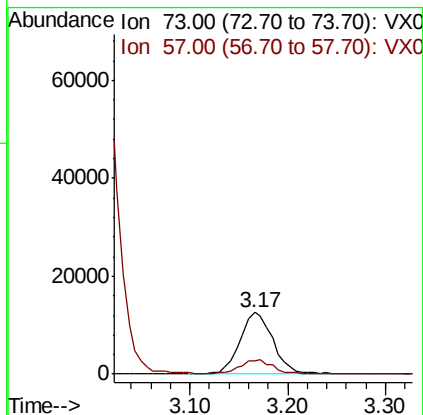
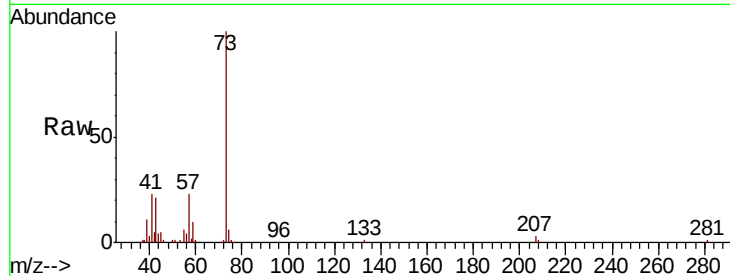


#19

Methyl tert-butyl Ether
 Concen: 3.290 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016539.D
 Acq: 01 Jun 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20200529

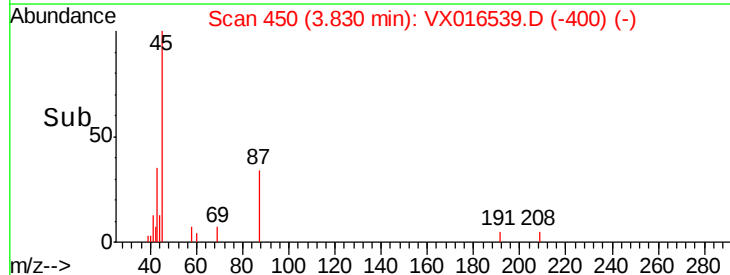
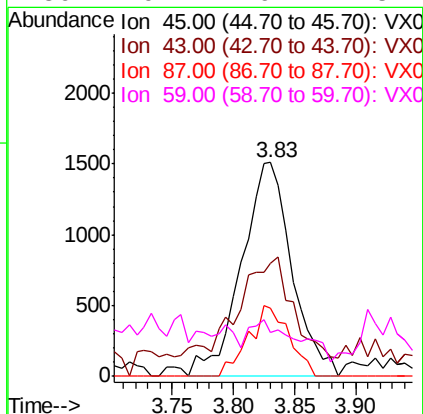
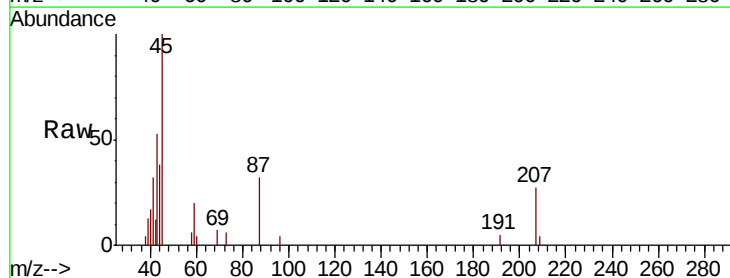
Tot Ion: 73 Resp: 28887
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6

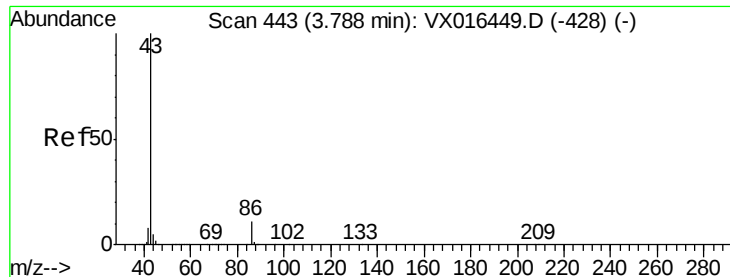


#22

Diisopropyl ether
 Concen: 0.499 ug/l
 RT: 3.83 min Scan# 450
 Delta R.T. 0.01 min
 Lab File: VX016539.D
 Acq: 01 Jun 2020 19:08

Tgt Ion: 45 Resp: 4311
 Ion Ratio Lower Upper
 45 100
 43 44.5 57.0 85.6#
 87 31.8 22.5 33.7
 59 9.4 9.1 13.7





#23

Vinyl Acetate

Concen: 0.282 ug/l

RT: 3.84 min Scan# 451

Delta R.T. 0.05 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

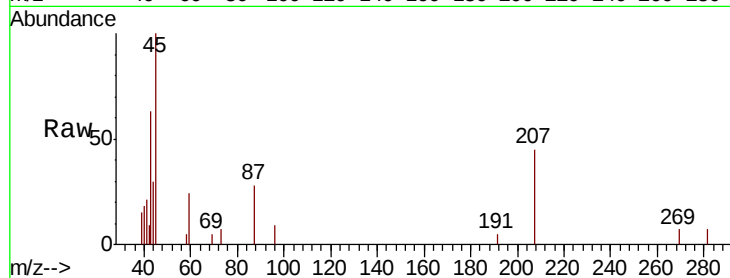
WC-20200529

Tot Ion: 43 Resp: 2136

Ion Ratio Lower Upper

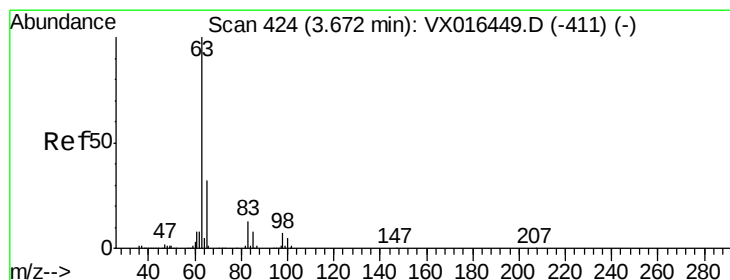
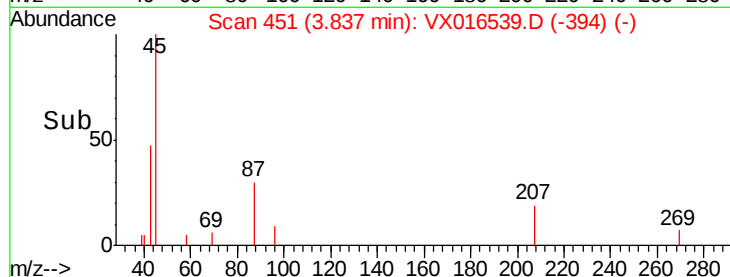
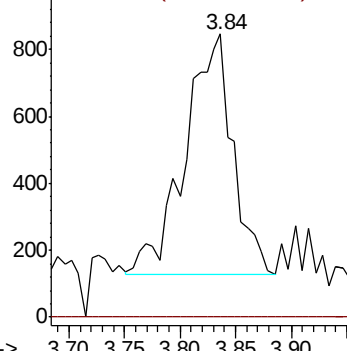
43 100

86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.621 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

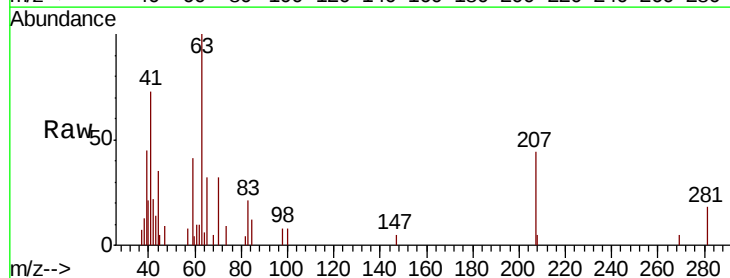
Tgt Ion: 63 Resp: 3027

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

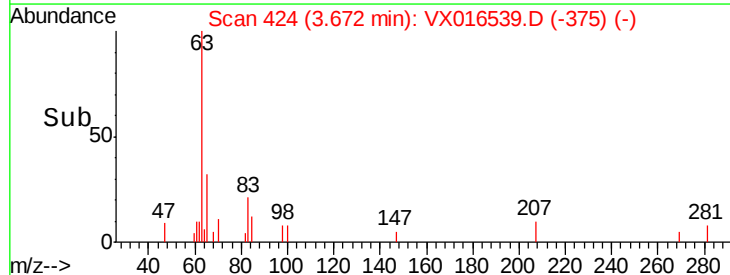
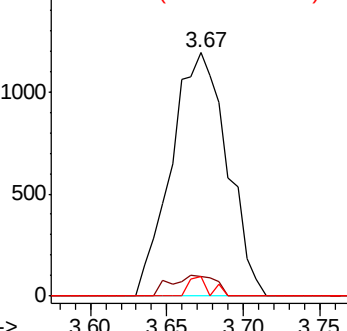
100 8.0 2.4 7.1#

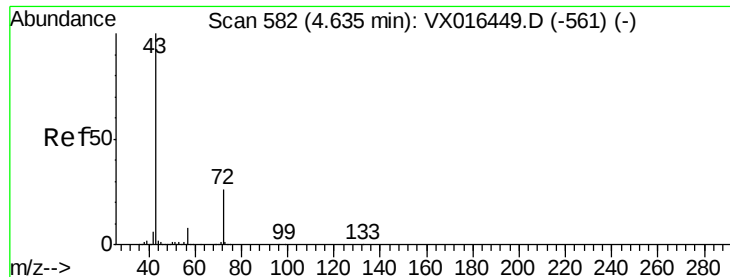


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.367 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

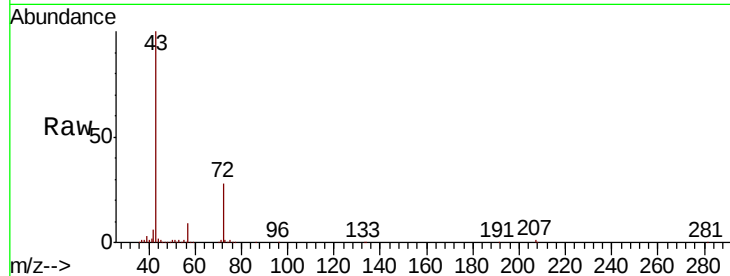
WC-20200529

Tot Ion: 43 Resp: 223437

Ion Ratio Lower Upper

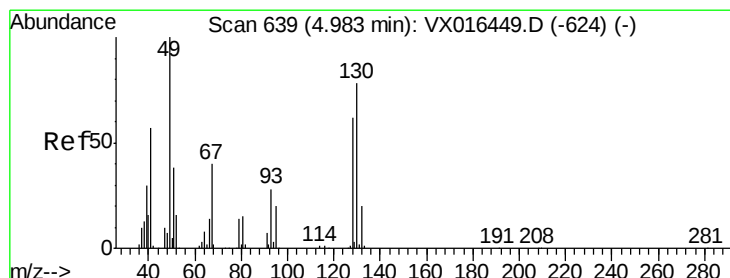
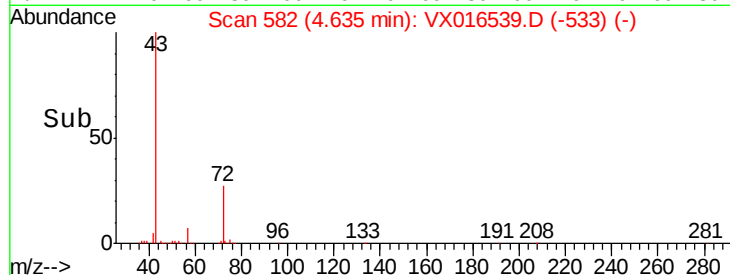
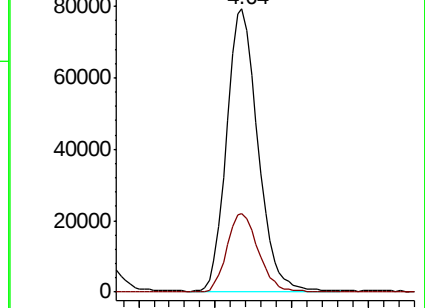
43 100

72 27.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: 0.697 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.20 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

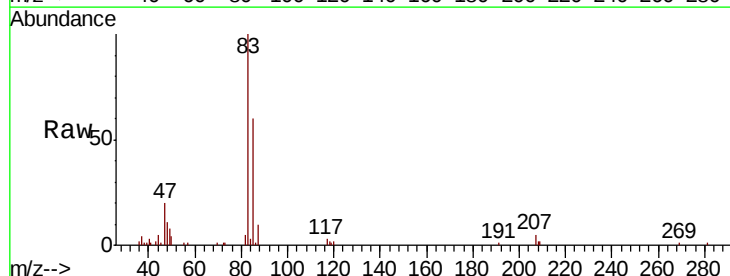
Tgt Ion: 49 Resp: 1580

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

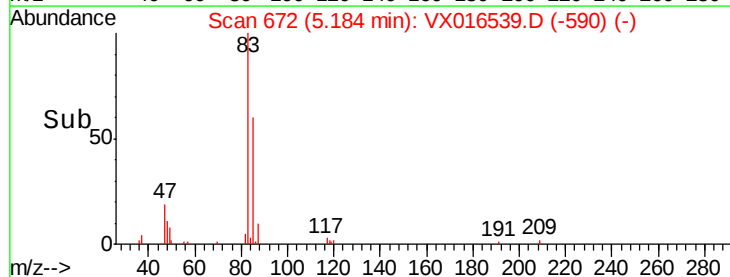
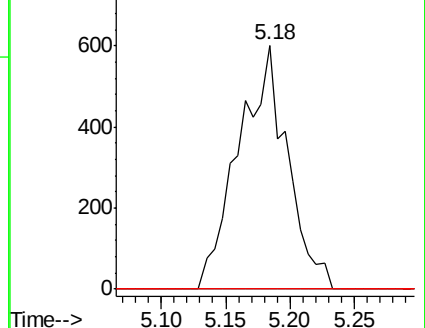
130 0.0 63.0 94.4#

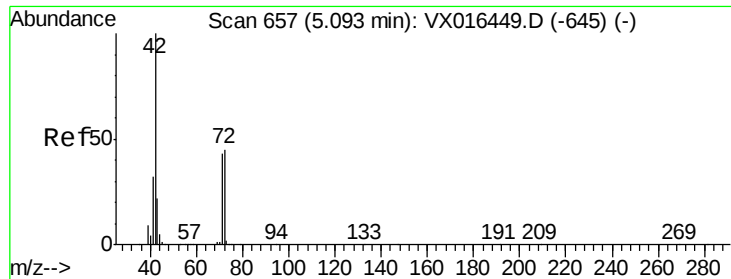


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

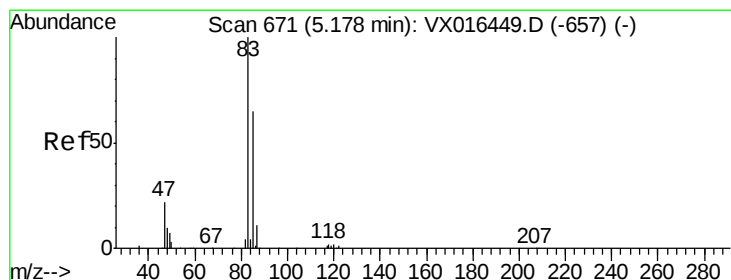
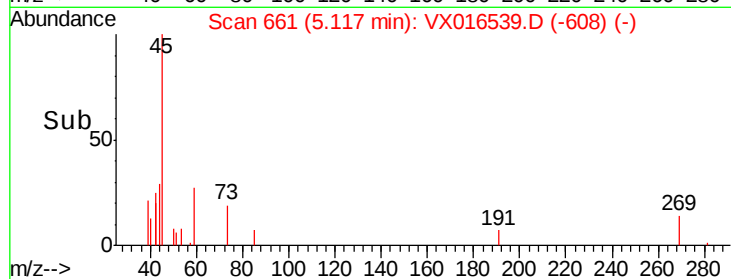
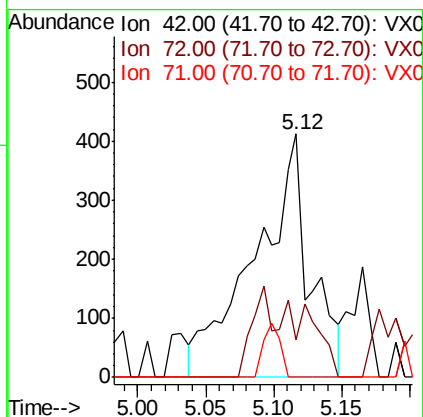
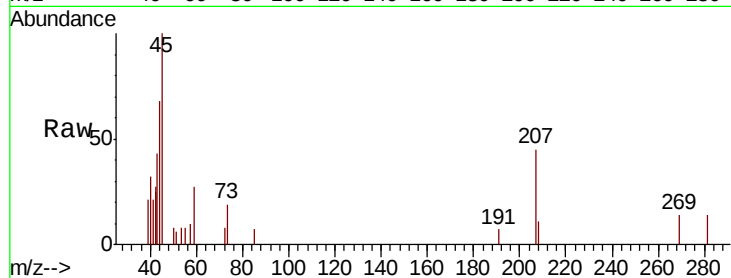




#29
Tetrahydrofuran
Concen: 0.761 ug/l
RT: 5.12 min Scan# 661
Delta R.T. 0.02 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

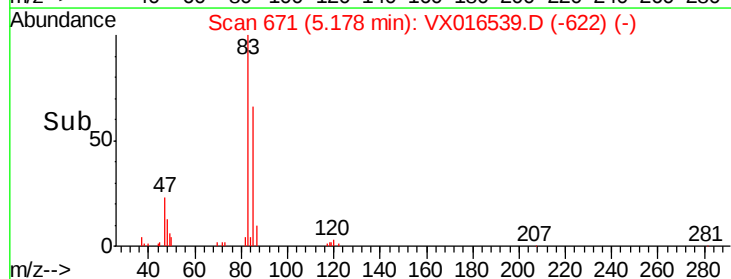
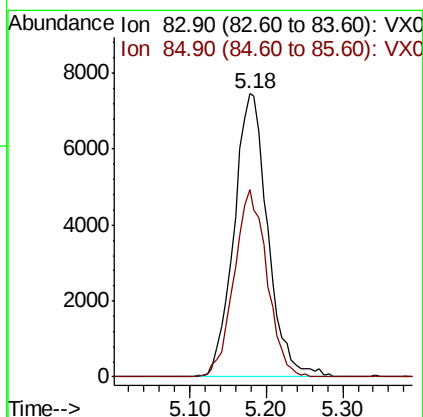
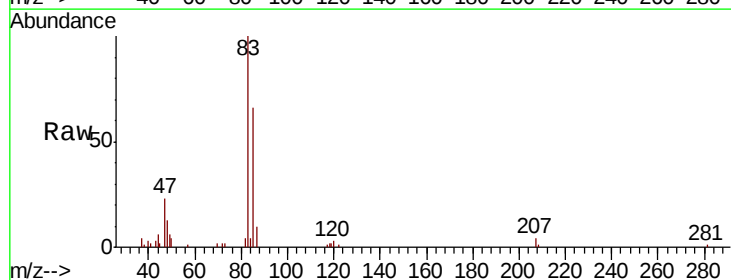
Instrument :
MSVOA_X
ClientSampled :
WC-20200529

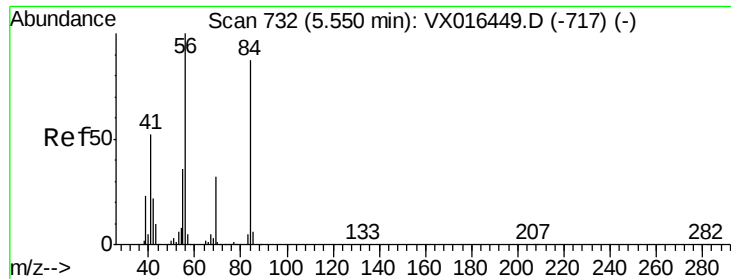
Tot Ion: 42 Resp: 1152
Ion Ratio Lower Upper
42 100
72 2.7 37.0 55.4#
71 0.0 34.1 51.1#



#30
Chloroform
Concen: 4.644 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Tgt Ion: 83 Resp: 22815
Ion Ratio Lower Upper
83 100
85 66.2 52.0 78.0





#31

Cyclohexane

Concen: 1.076 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.07 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

WC-20200529

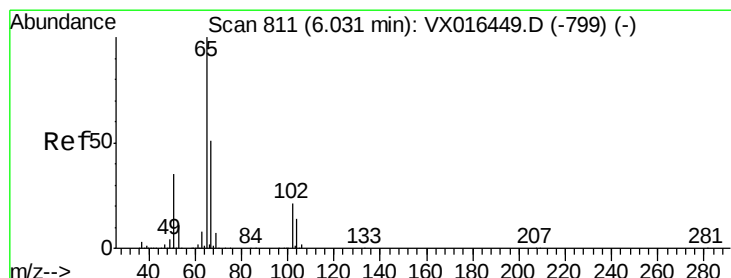
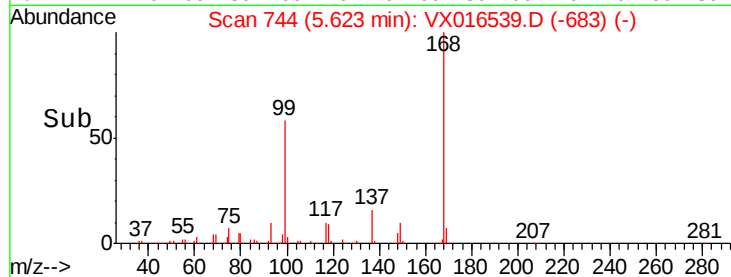
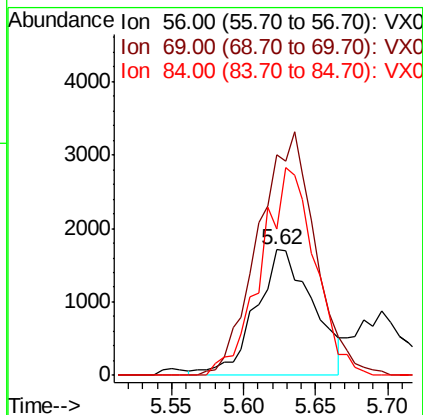
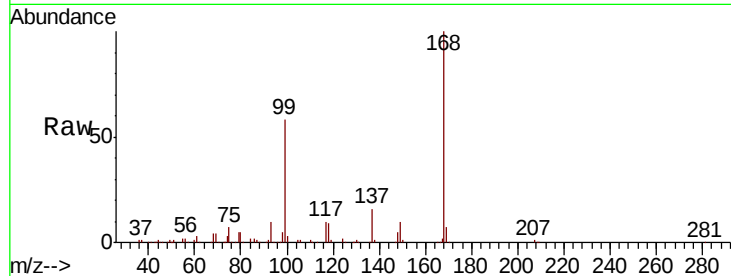
Tot Ion: 56 Resp: 4722

Ion Ratio Lower Upper

56 100

69 183.0 25.7 38.5#

84 121.2 70.0 105.0#



#33

1,2-Dichloroethane-d4

Concen: 48.959 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016539.D

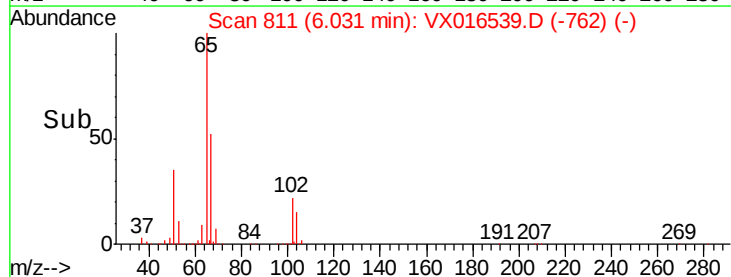
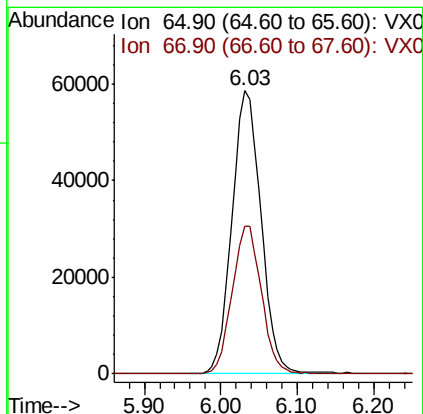
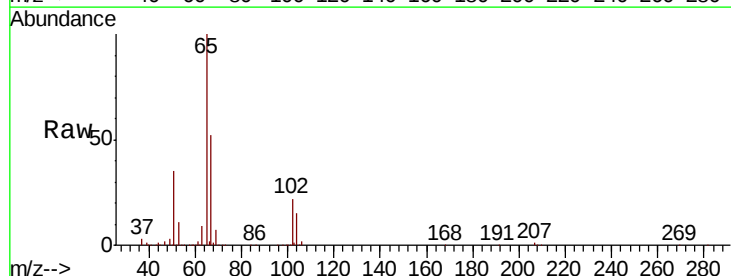
Acq: 01 Jun 2020 19:08

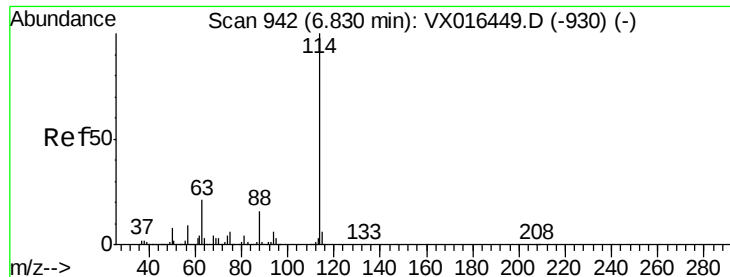
Tgt Ion: 65 Resp: 154513

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8

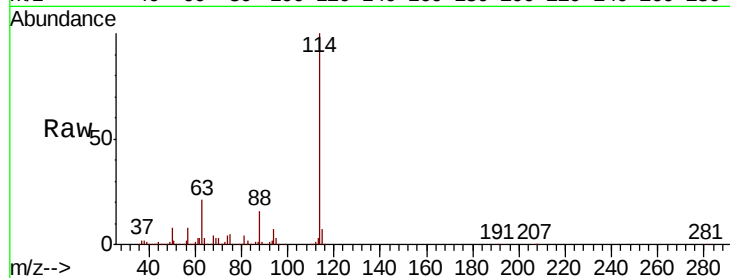




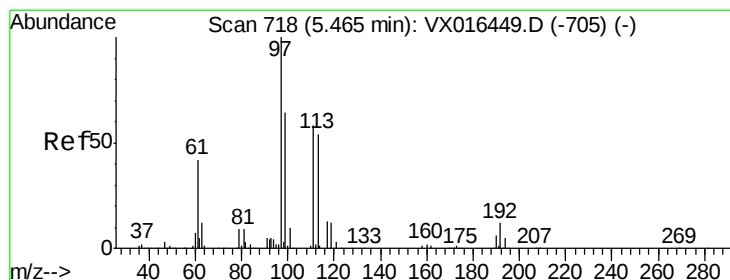
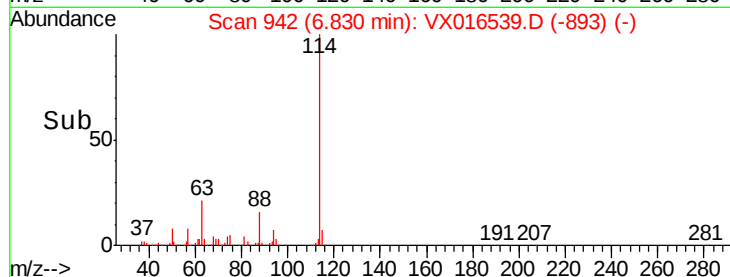
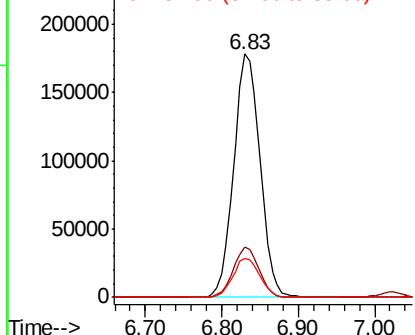
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
WC-20200529

Tot Ion:114 Resp: 425599
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 16.1 0.0 32.8

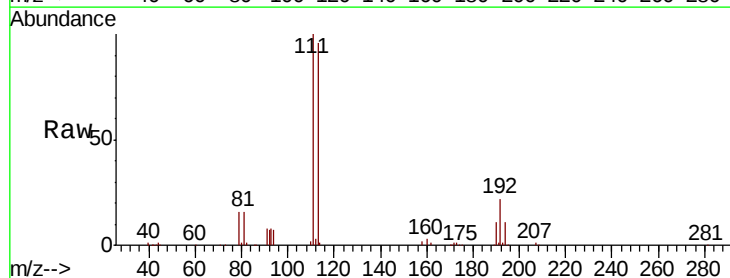


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

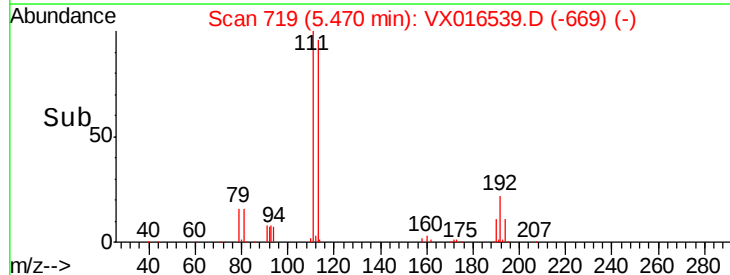
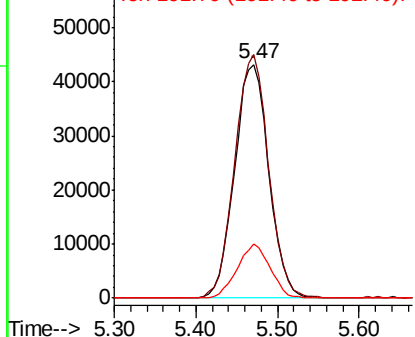


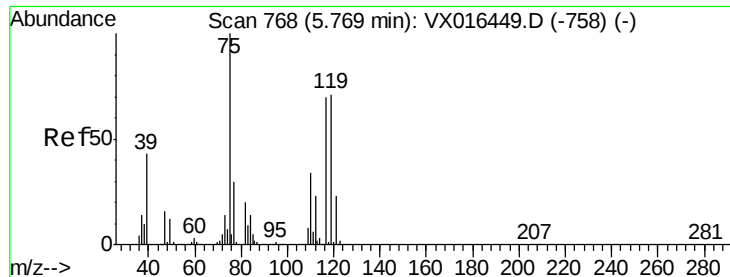
#35
Dibromofluoromethane
Concen: 47.937 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Tgt Ion:113 Resp: 125624
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 22.3 17.7 26.5



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





#36

1,1-Dichloropropene

Concen: 4.643 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

WC-20200529

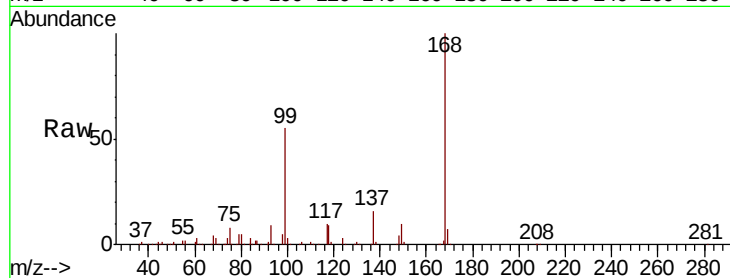
Tot Ion: 75 Resp: 18710

Ion Ratio Lower Upper

75 100

110 10.5 17.4 52.3#

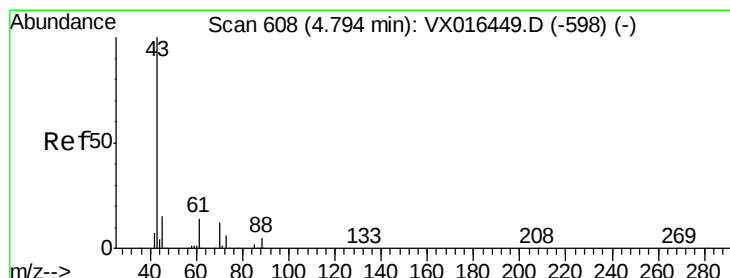
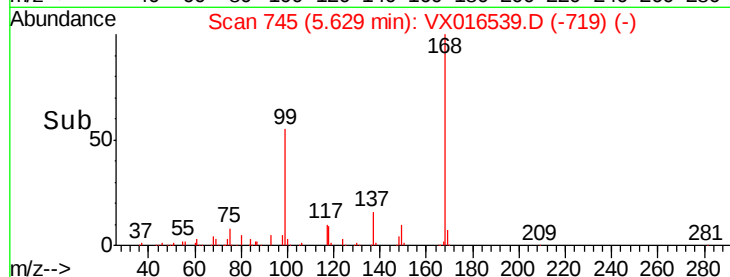
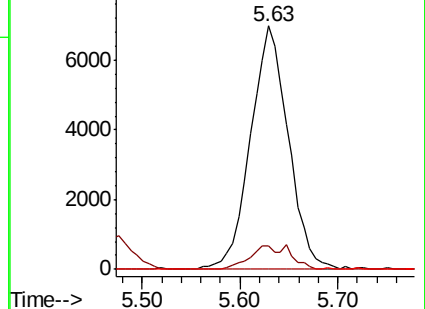
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 46.185 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

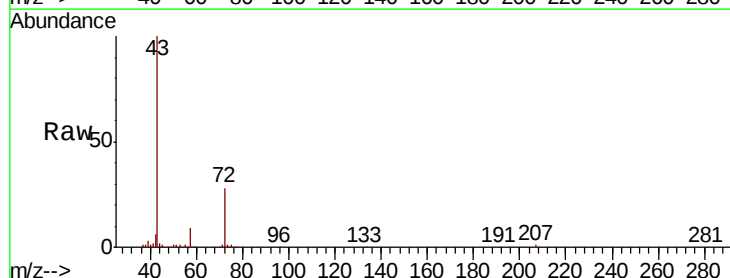
Tgt Ion: 43 Resp: 223437

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

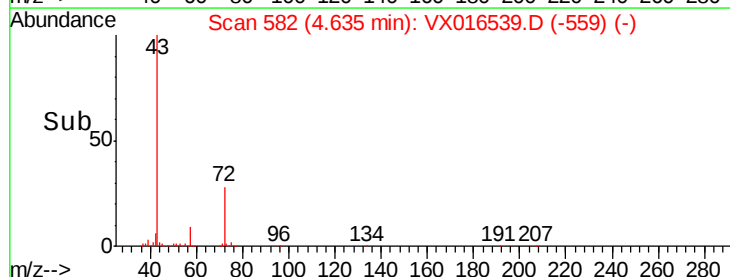
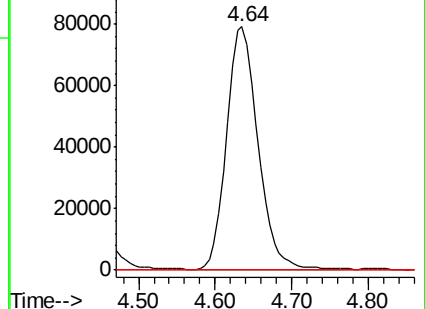
70 0.2 9.3 13.9#

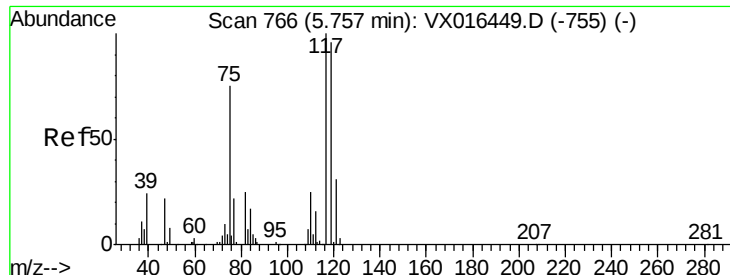


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

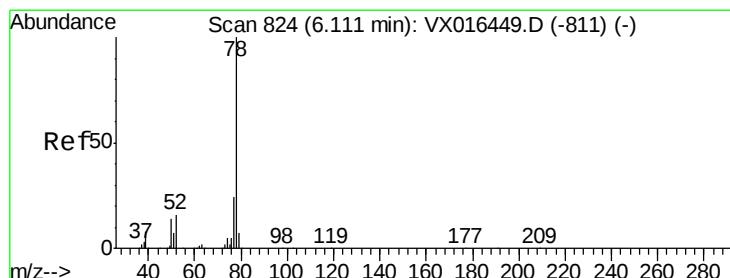
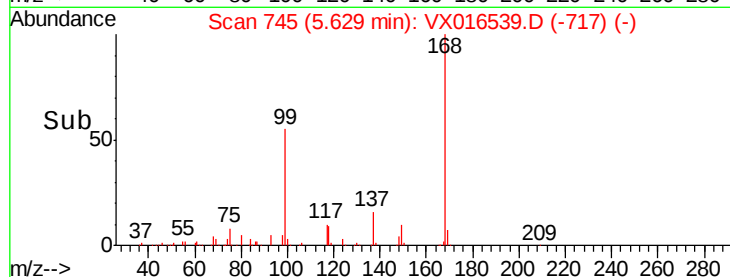
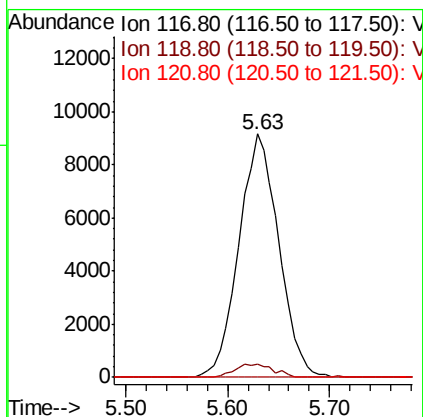
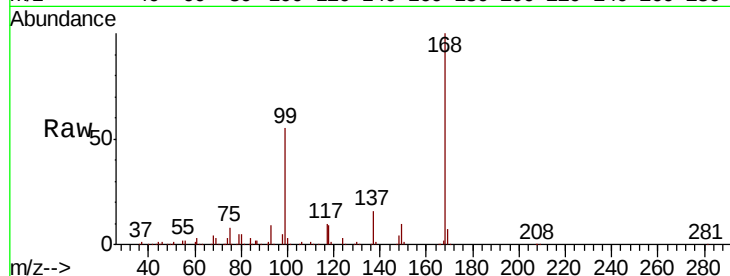




#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

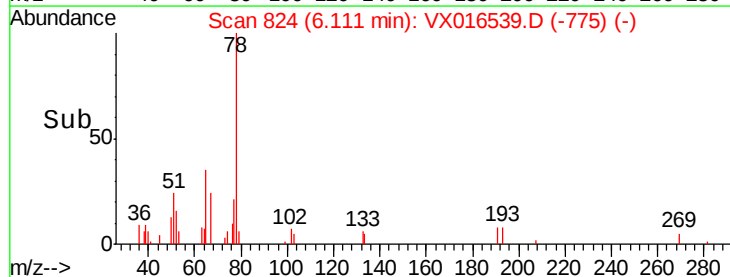
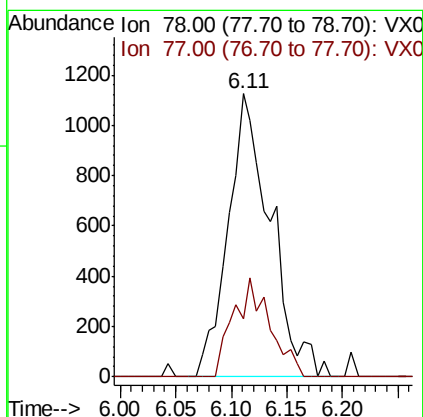
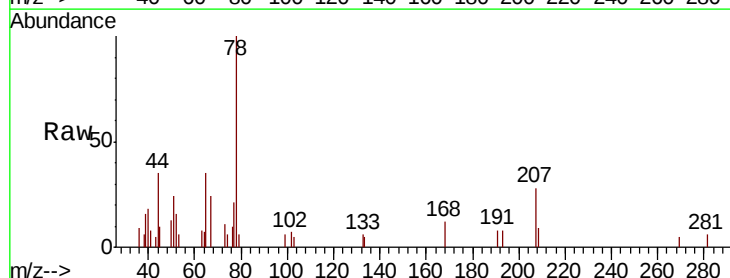
Instrument :
MSVOA_X
ClientSampleId :
WC-20200529

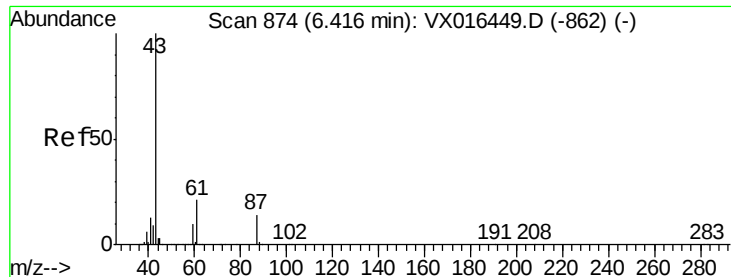
Tot Ion:117 Resp: 24767
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.249 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Tgt Ion: 78 Resp: 2991
Ion Ratio Lower Upper
78 100
77 20.7 18.9 28.3



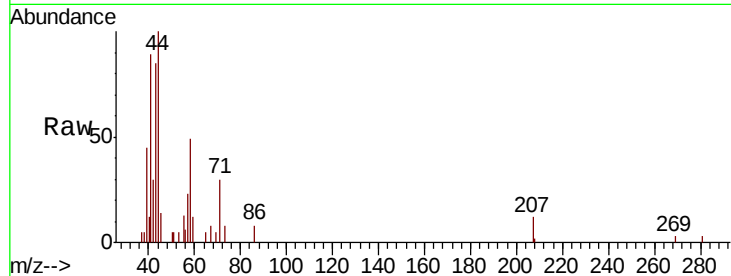


#43

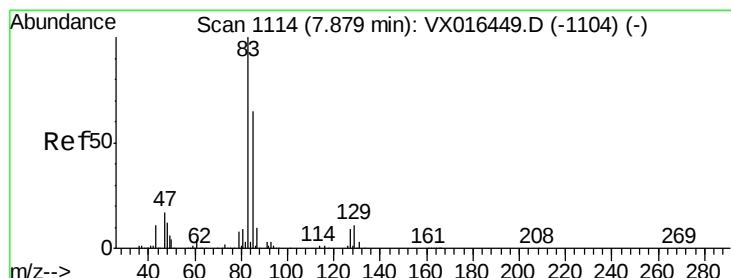
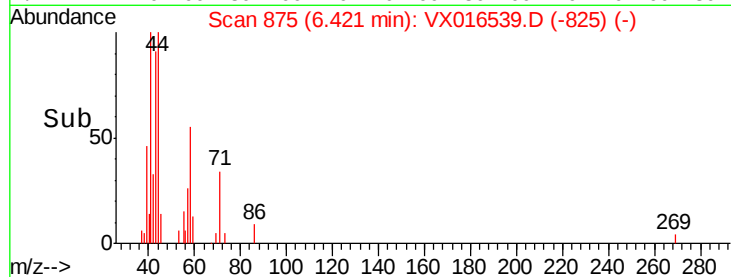
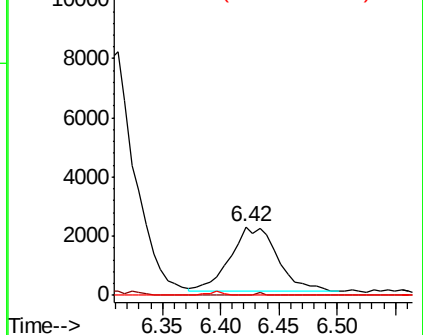
Isopropyl Acetate
 Concen: 0.822 ug/l
 RT: 6.42 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: VX016539.D
 Acq: 01 Jun 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20200529

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.6	16.8	25.2#
87	0.0	11.2	16.8#



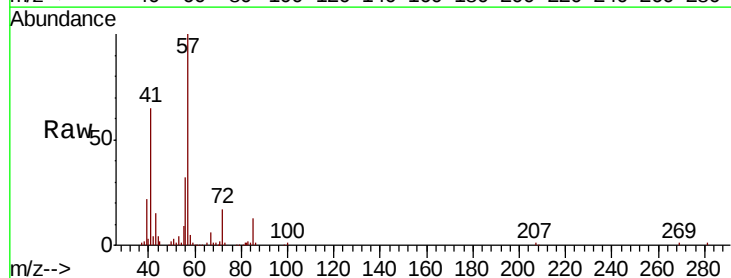
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



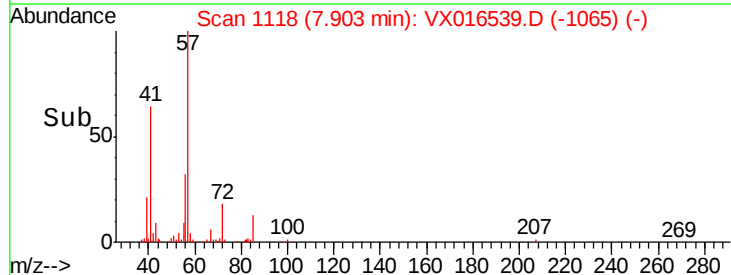
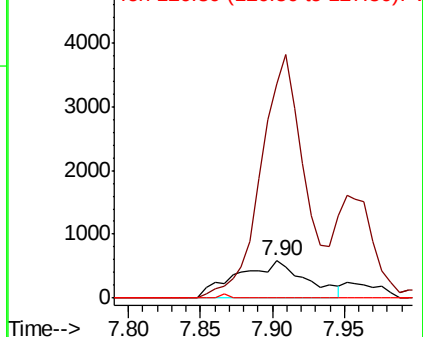
#47

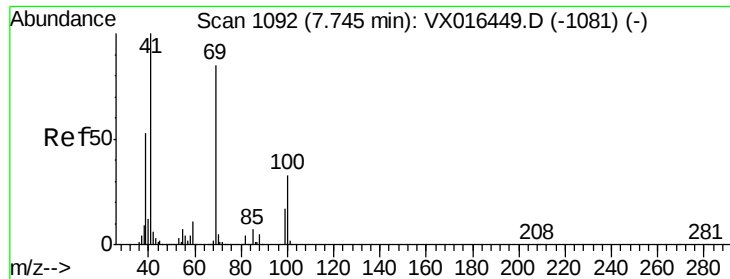
Bromodichloromethane
 Concen: 0.452 ug/l
 RT: 7.90 min Scan# 1118
 Delta R.T. 0.02 min
 Lab File: VX016539.D
 Acq: 01 Jun 2020 19:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	578.8	52.0	78.0#
127	0.0	7.4	11.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

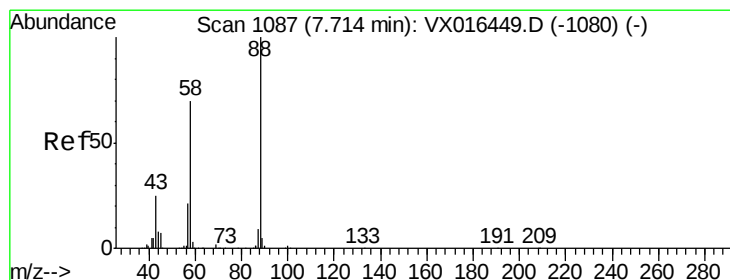
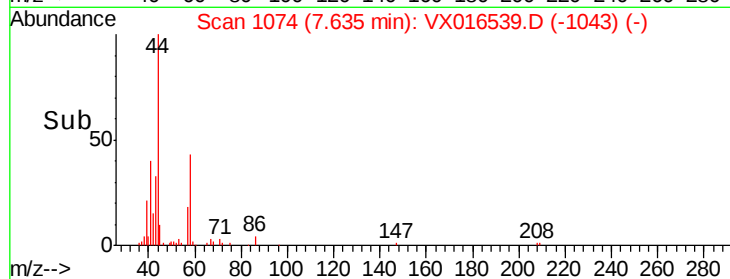
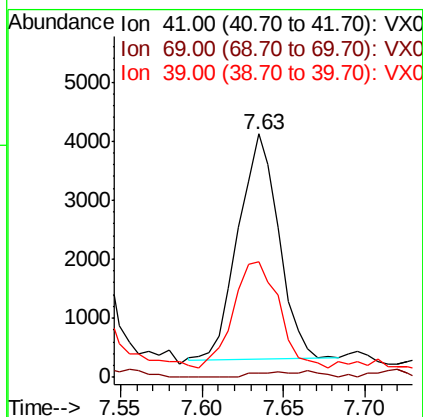
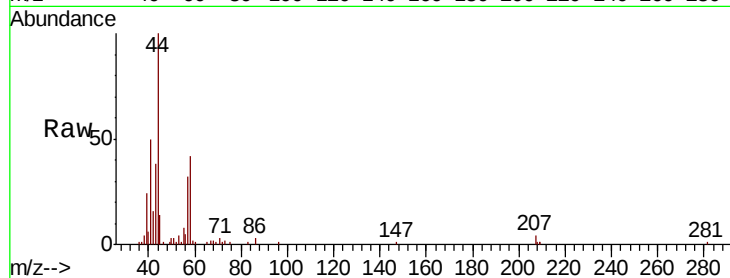




#48
Methvl methacrylate
Concen: 1.831 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.11 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

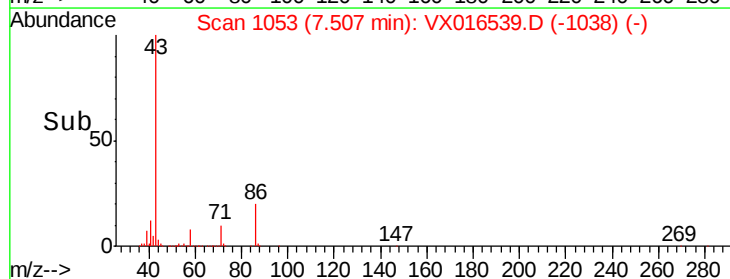
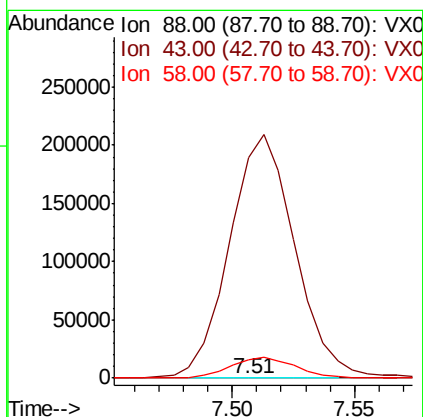
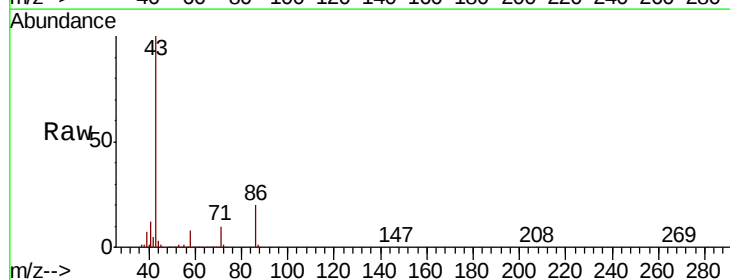
Instrument :
MSVOA_X
ClientSampled :
WC-20200529

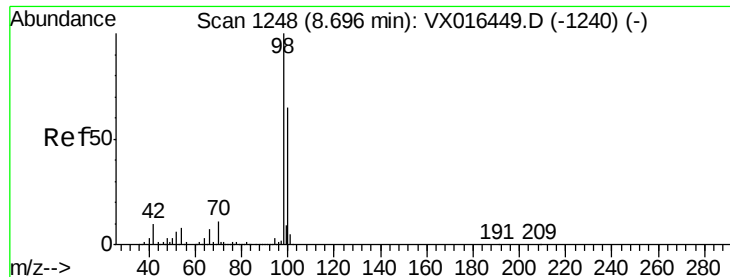
Tot Ion: 41 Resp: 6616
Ion Ratio Lower Upper
41 100
69 2.1 68.6 102.8#
39 53.4 42.4 63.6



#49
1,4-Dioxane
Concen: 3.300 ug/l
RT: 7.51 min Scan# 1053
Delta R.T. -0.21 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Tgt Ion: 88 Resp: 279
Ion Ratio Lower Upper
88 100
43 140314.3 24.2 36.4#
58 11916.1 56.5 84.7#





#50

Toluene-d8

Concen: 51.025 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

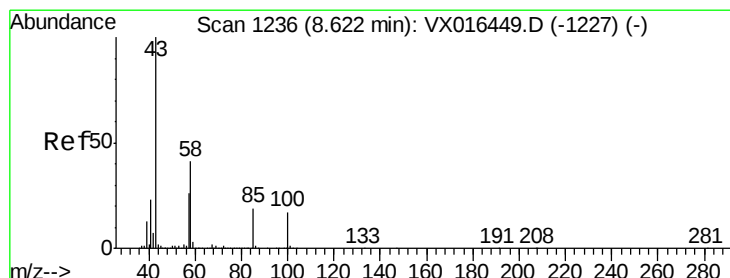
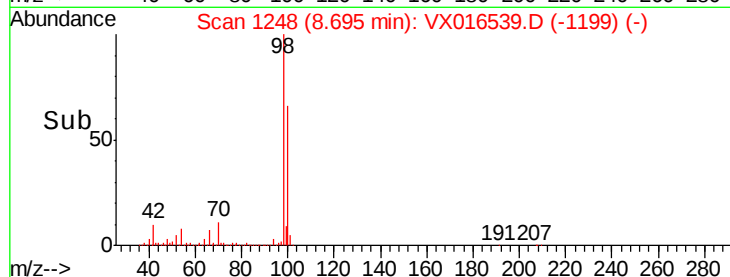
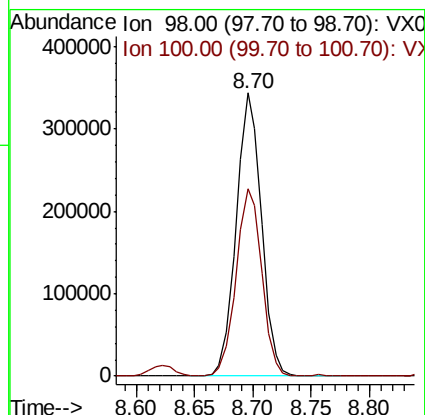
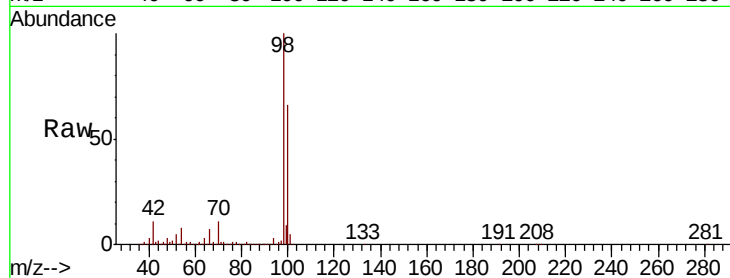
WC-20200529

Tot Ion: 98 Resp: 520451

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.6



#51

4-Methyl-2-Pentanone

Concen: 23.871 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016539.D

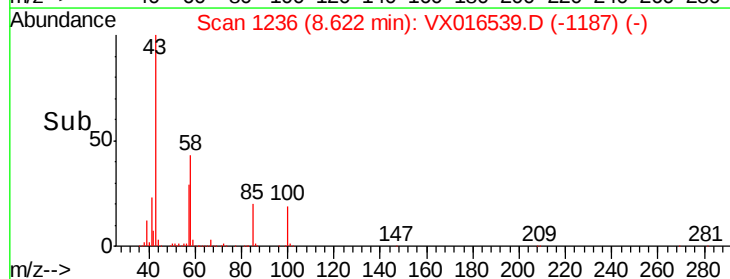
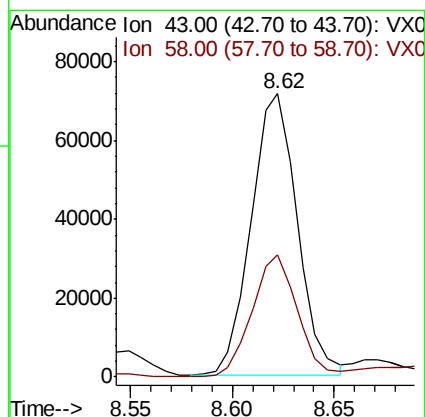
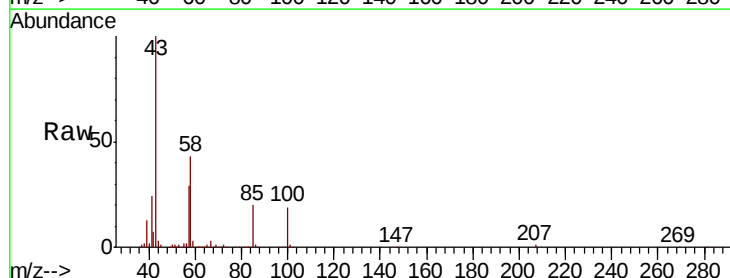
Acq: 01 Jun 2020 19:08

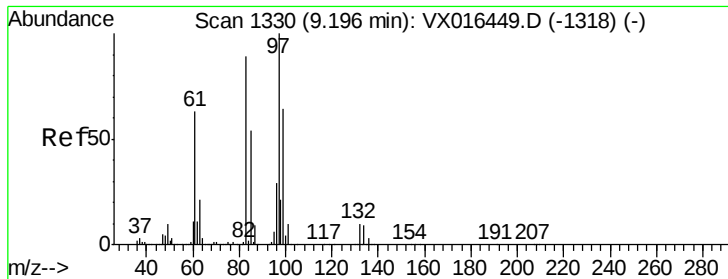
Tgt Ion: 43 Resp: 112163

Ion Ratio Lower Upper

43 100

58 42.5 33.0 49.6





#55

1,1,2-Trichloroethane

Concen: 0.445 ug/l

RT: 9.23 min Scan# 1336

Delta R.T. 0.04 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

WC-20200529

Tot Ion: 97 Resp: 1338

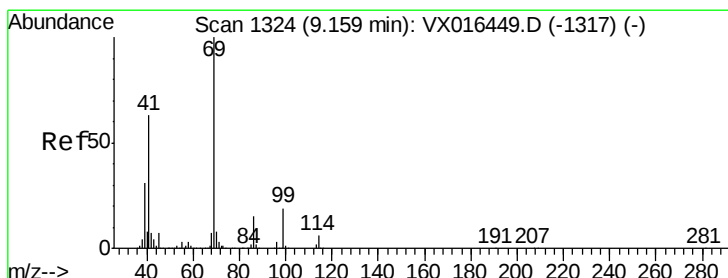
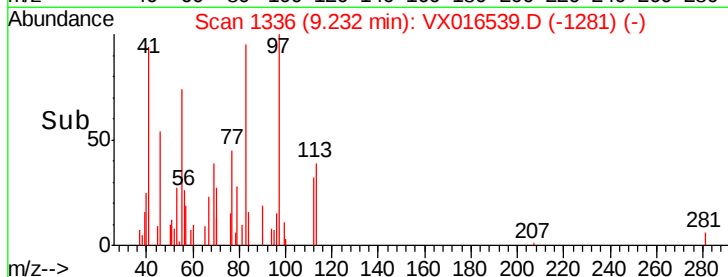
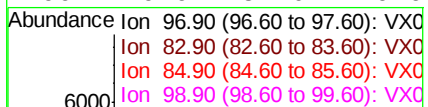
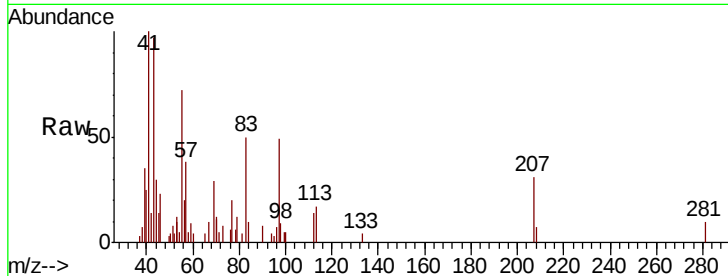
Ion Ratio Lower Upper

97 100

83 91.2 70.9 106.3

85 0.0 43.4 65.2#

99 9.9 51.0 76.6#



#56

Ethyl methacrylate

Concen: 8.928 ug/l

RT: 9.05 min Scan# 1306

Delta R.T. -0.11 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

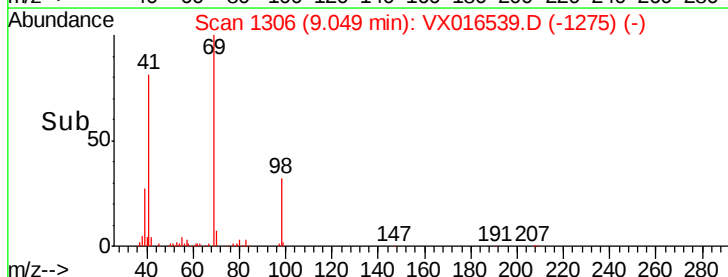
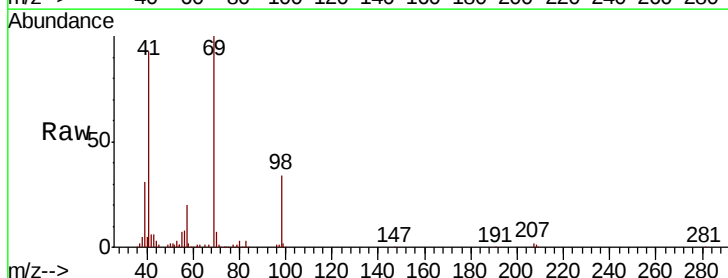
Tgt Ion: 69 Resp: 43748

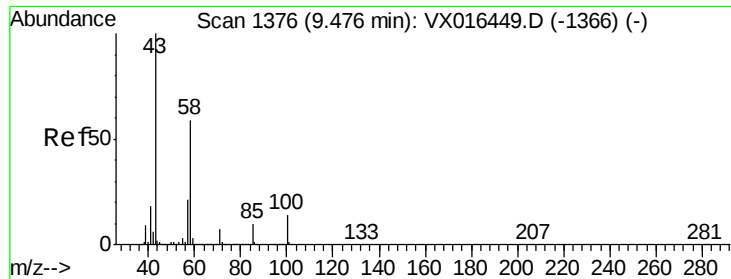
Ion Ratio Lower Upper

69 100

41 94.6 50.7 76.1#

39 34.4 25.8 38.6

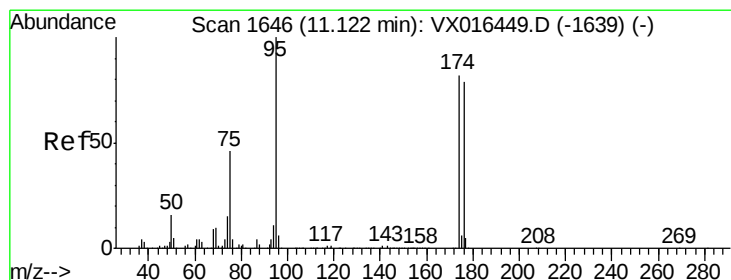
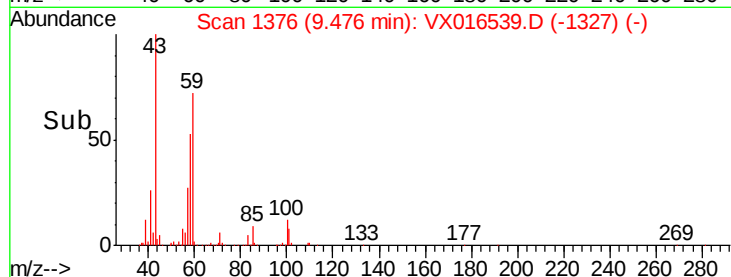
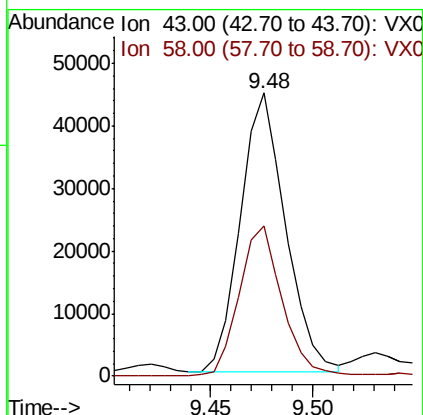
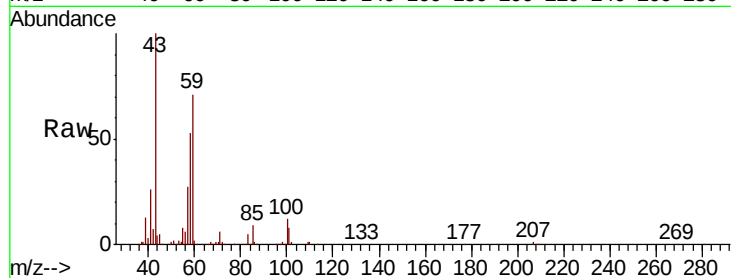




#59
2-Hexanone
Concen: 18.749 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

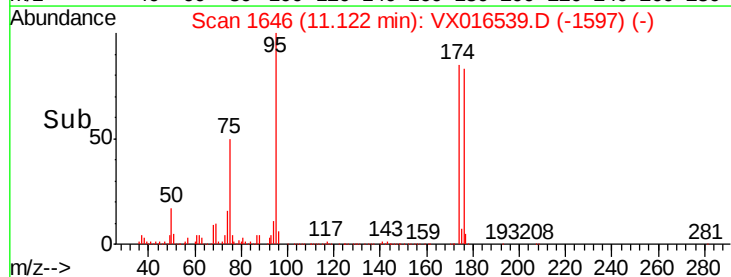
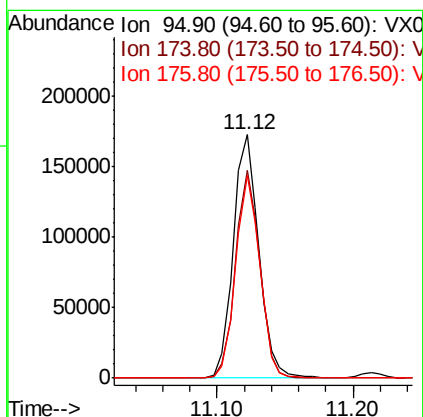
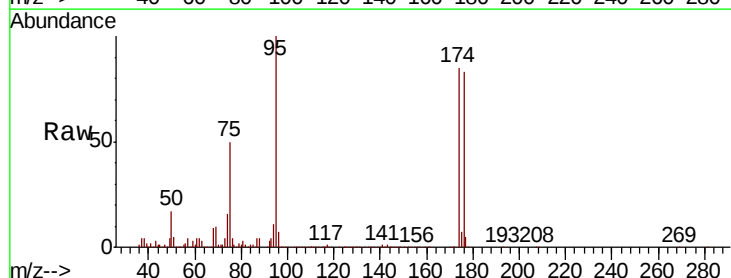
Instrument :
MSVOA_X
ClientSampleId :
WC-20200529

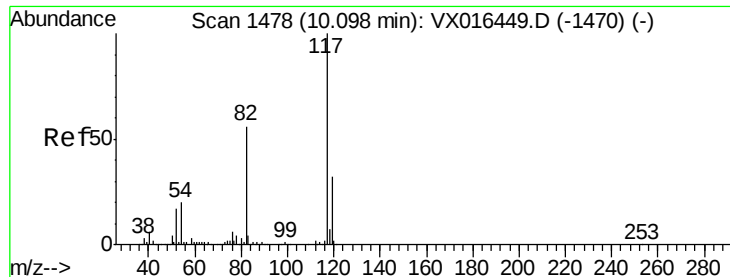
Tot Ion: 43 Resp: 68511
Ion Ratio Lower Upper
43 100
58 51.2 28.8 86.4



#62
4-Bromofluorobenzene
Concen: 57.141 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Tgt Ion: 95 Resp: 225206
Ion Ratio Lower Upper
95 100
174 80.6 0.0 163.0
176 78.7 0.0 156.8

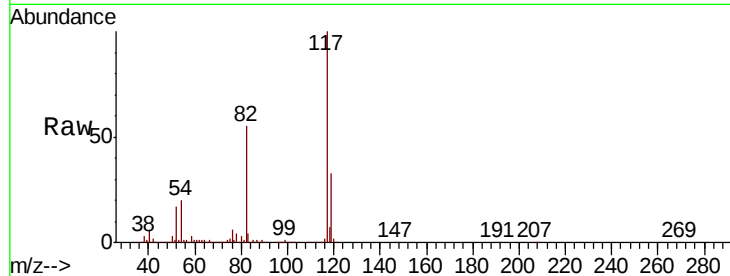




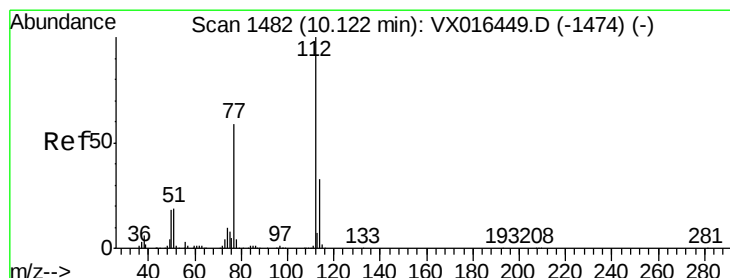
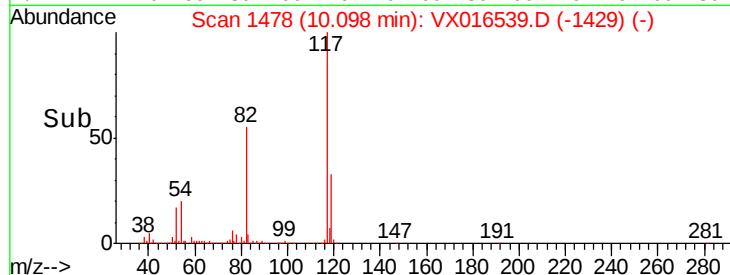
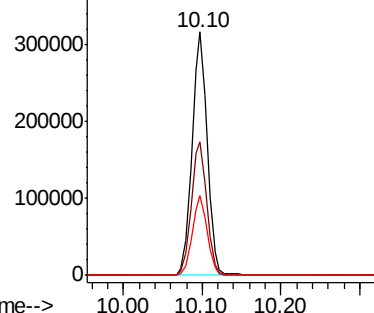
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
WC-20200529

Tot Ion:117 Resp: 424214
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.6
119 32.8 25.8 38.8

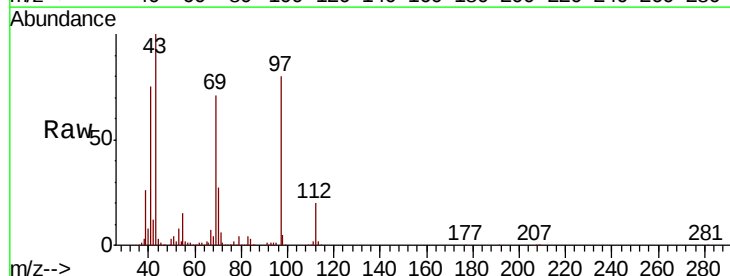


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

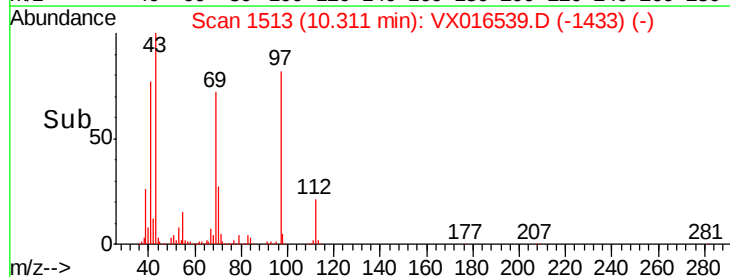
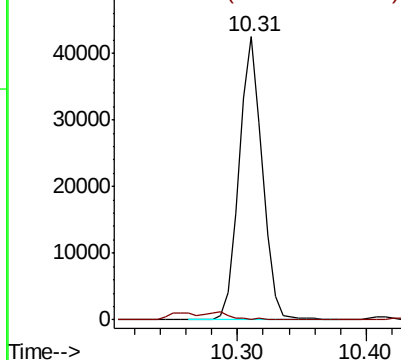


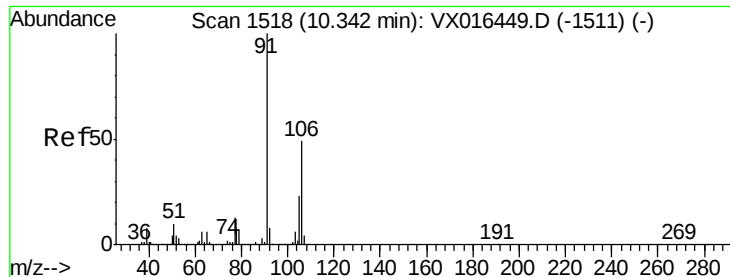
#65
Chlorobenzene
Concen: 6.117 ug/l
RT: 10.31 min Scan# 1513
Delta R.T. 0.19 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Tgt Ion:112 Resp: 52904
Ion Ratio Lower Upper
112 100
114 0.4 26.0 39.0#



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





#68

m/p-Xvlenes

Concen: 0.306 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

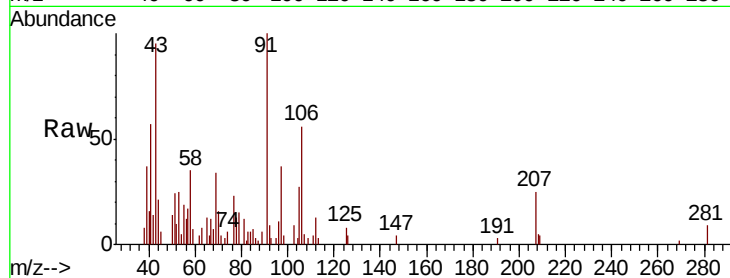
WC-20200529

Tot Ion:106 Resp: 1745

Ion Ratio Lower Upper

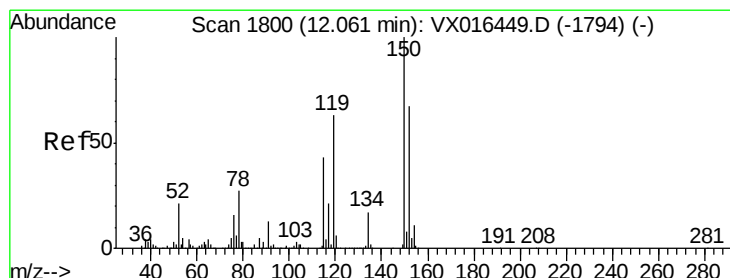
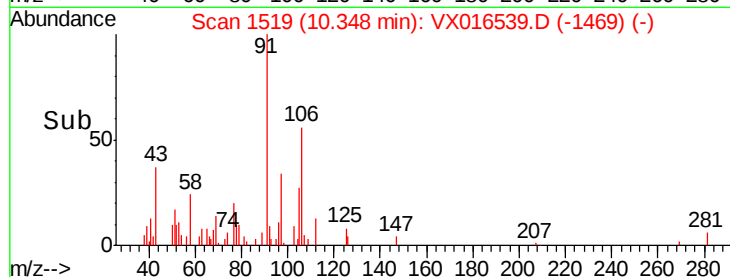
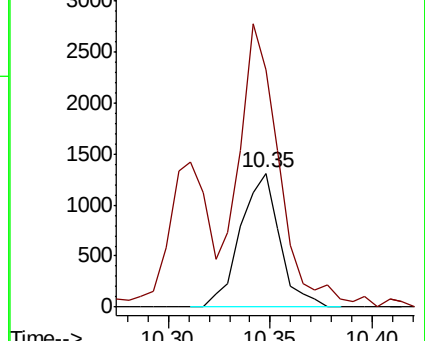
106 100

91 217.4 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

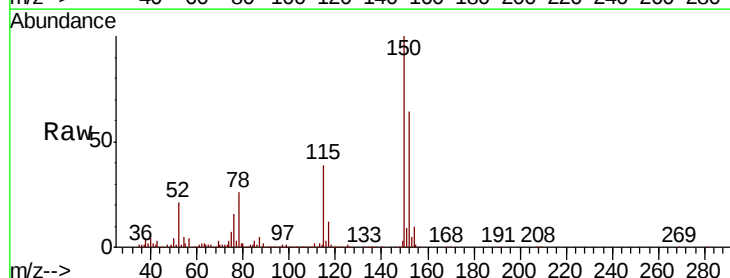
Tgt Ion:152 Resp: 229177

Ion Ratio Lower Upper

152 100

115 57.9 39.9 119.6

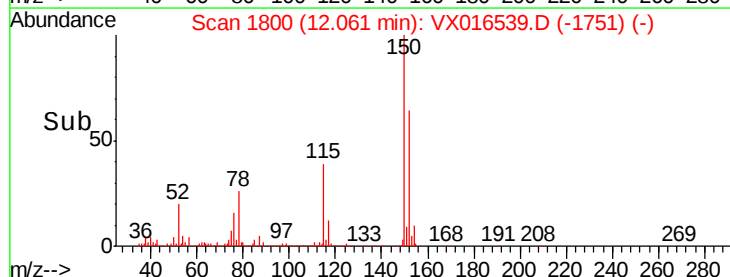
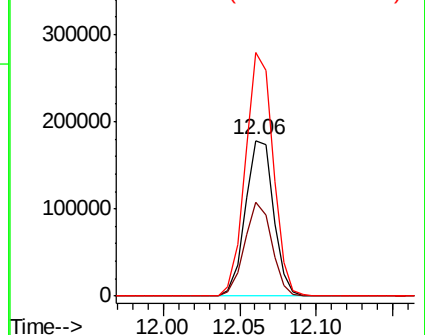
150 153.2 0.0 341.0

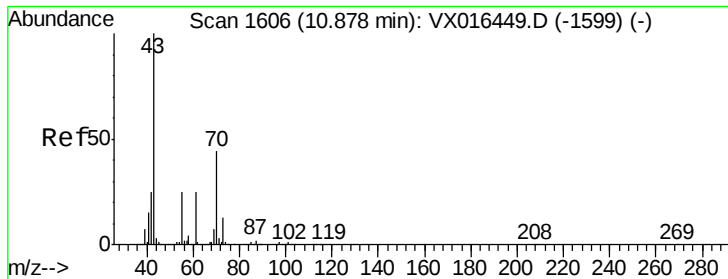


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 7.939 ug/l

RT: 10.91 min Scan# 1611

Delta R.T. 0.03 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

WC-20200529

Tot Ion: 43 Resp: 57984

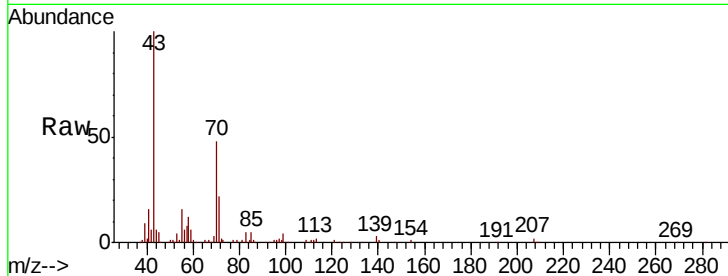
Ion Ratio Lower Upper

43 100

70 30.8 36.1 54.1#

55 12.7 20.2 30.4#

61 0.0 20.3 30.5#

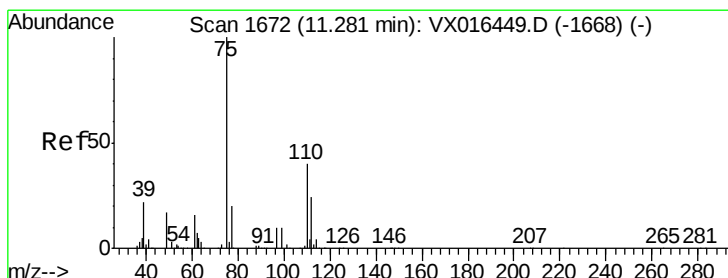
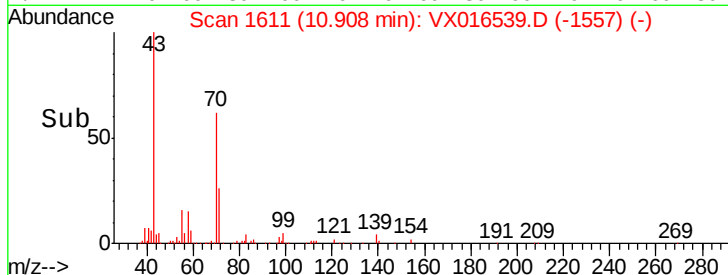
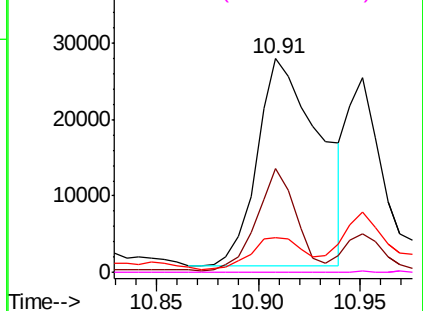


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.406 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016539.D

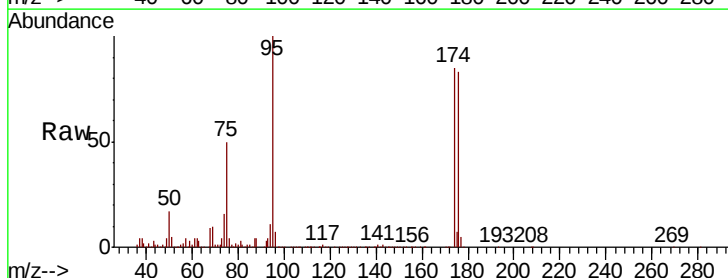
Acq: 01 Jun 2020 19:08

Tgt Ion: 75 Resp: 107832

Ion Ratio Lower Upper

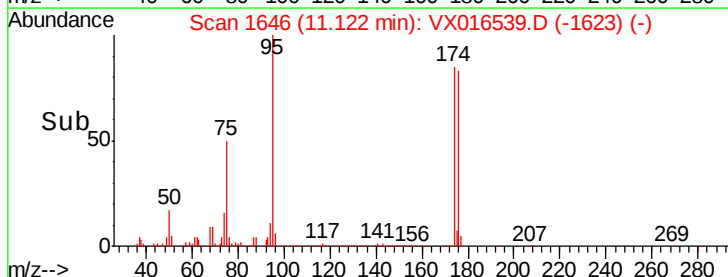
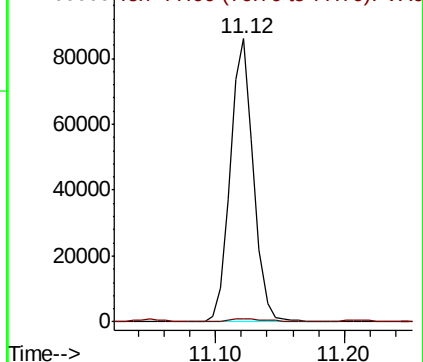
75 100

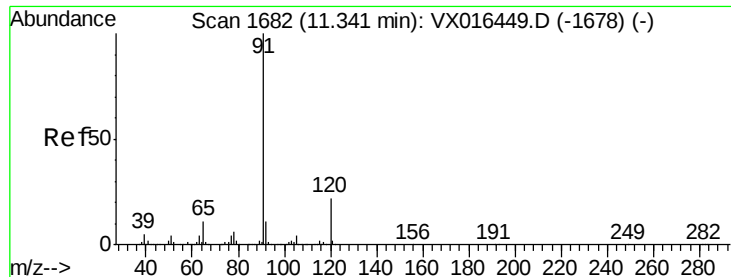
77 1.7 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.243 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

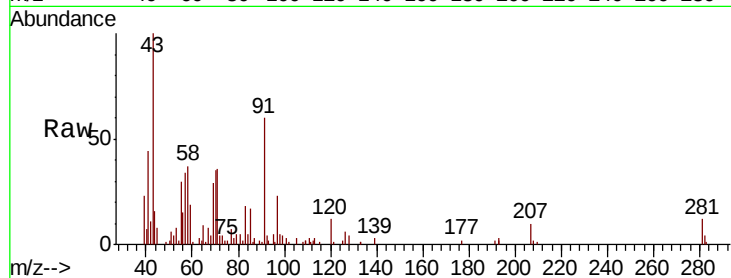
WC-20200529

Tot Ion: 91 Resp: 4308

Ion Ratio Lower Upper

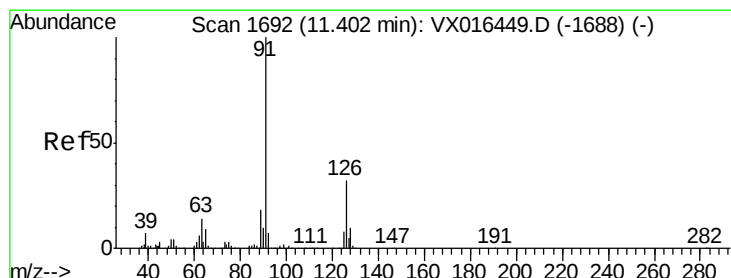
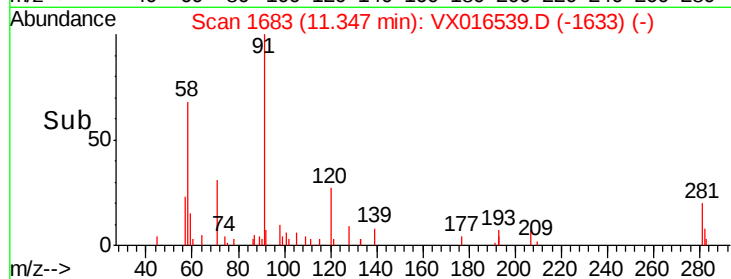
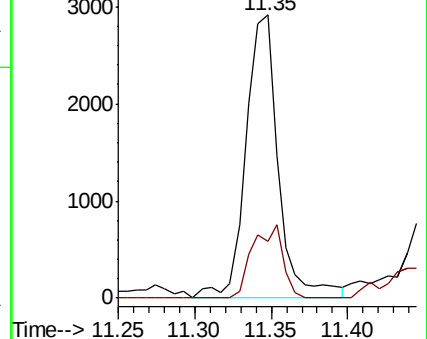
91 100

120 24.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.398 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.06 min

Lab File: VX016539.D

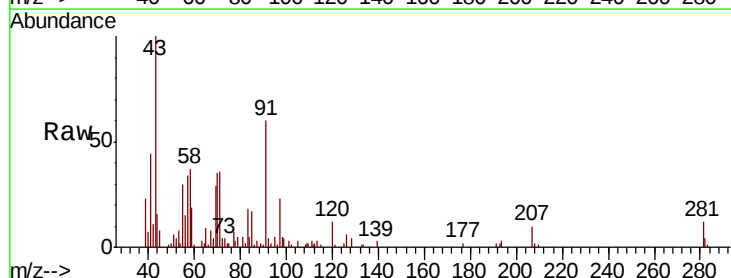
Acq: 01 Jun 2020 19:08

Tgt Ion: 91 Resp: 4308

Ion Ratio Lower Upper

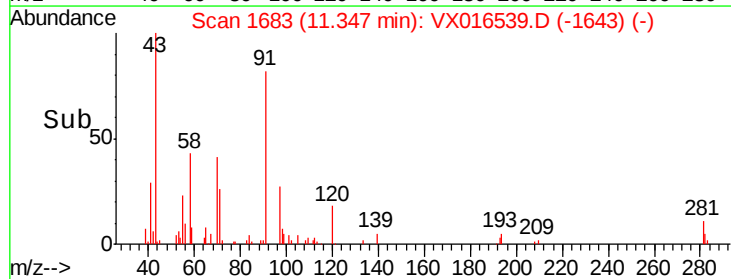
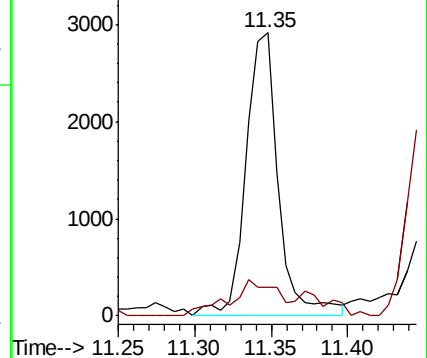
91 100

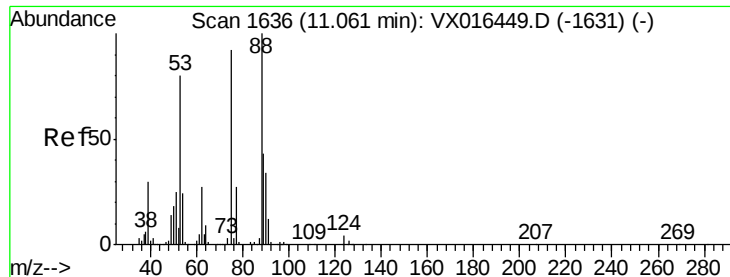
126 18.3 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.656 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016539.D

Acq: 01 Jun 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

WC-20200529

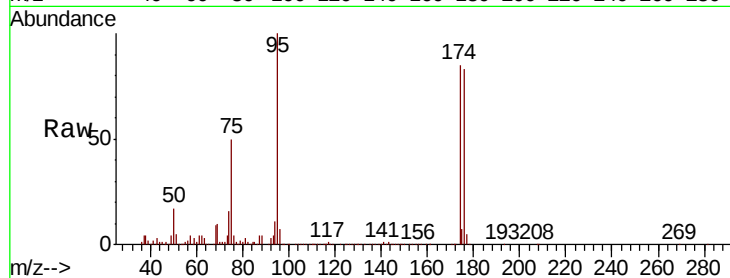
Tot Ion: 75 Resp: 107832

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

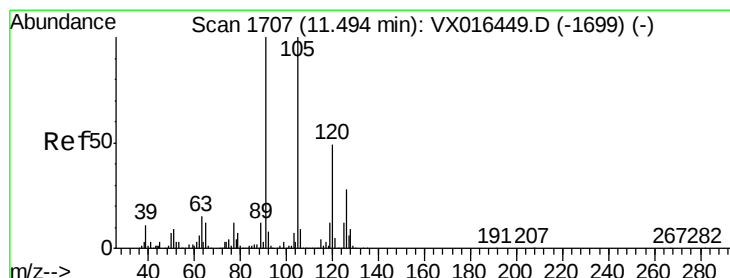
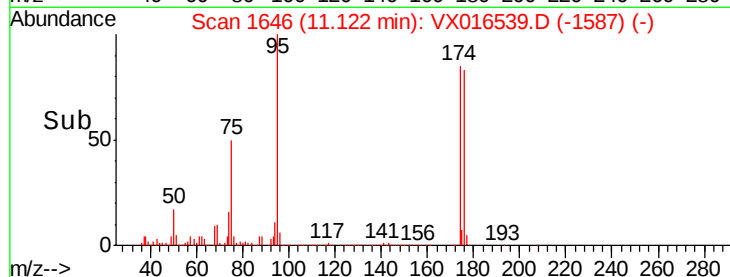
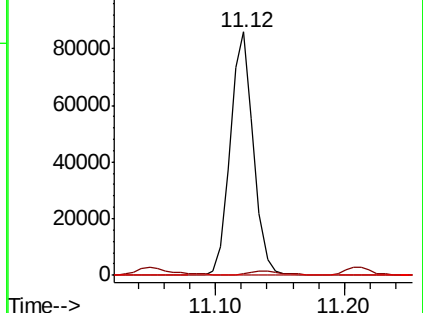
89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.337 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.15 min

Lab File: VX016539.D

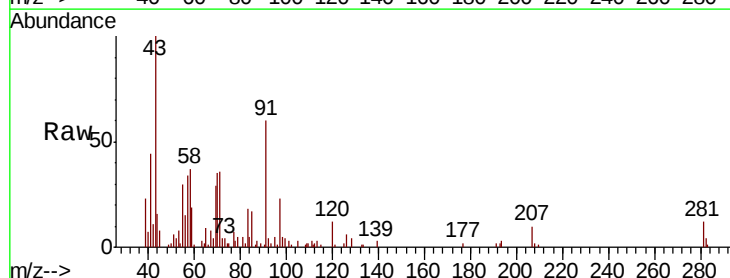
Acq: 01 Jun 2020 19:08

Tgt Ion: 91 Resp: 4308

Ion Ratio Lower Upper

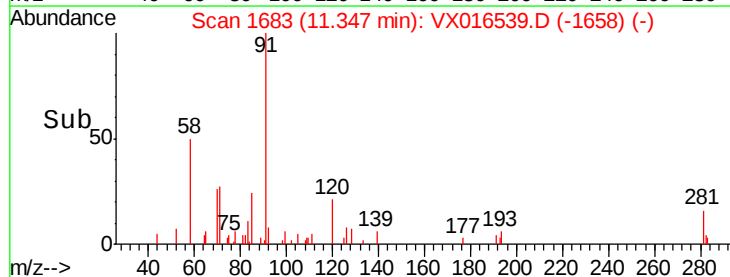
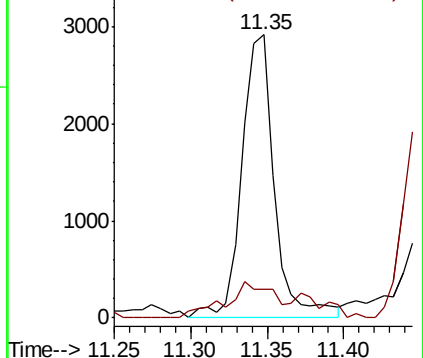
91 100

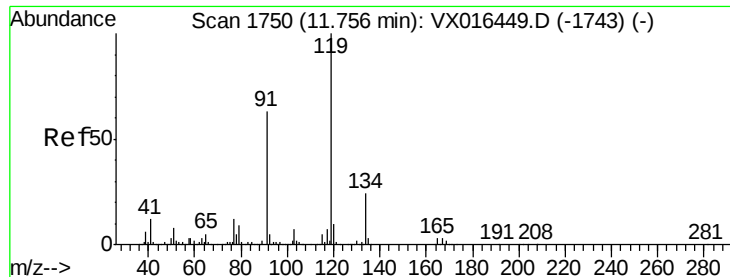
126 18.3 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

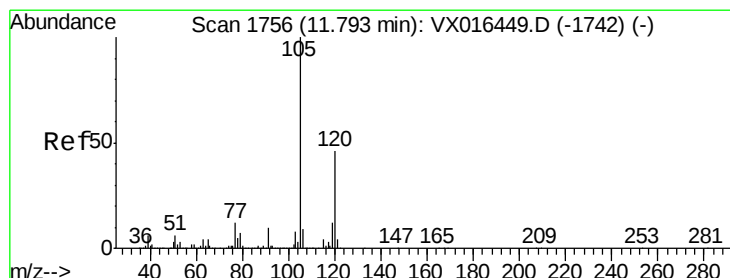
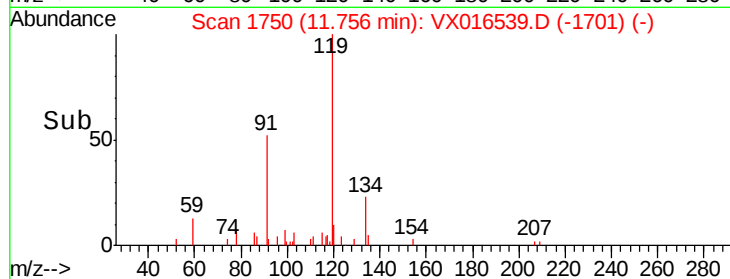
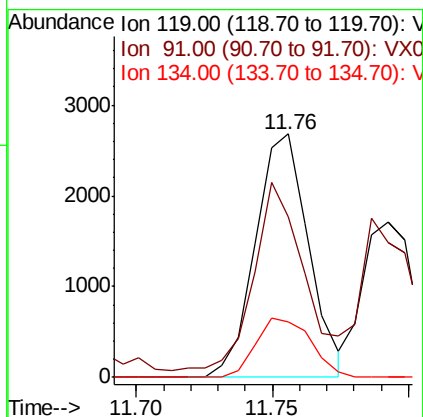
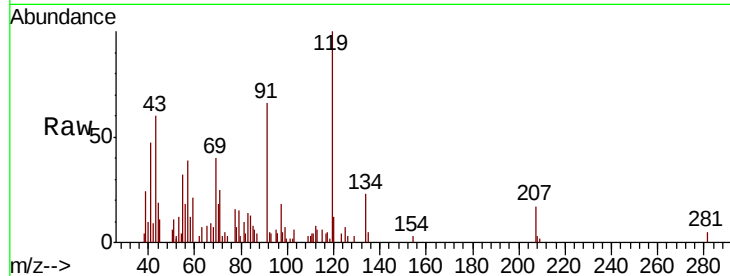




#83
tert-Butylbenzene
Concen: 0.321 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

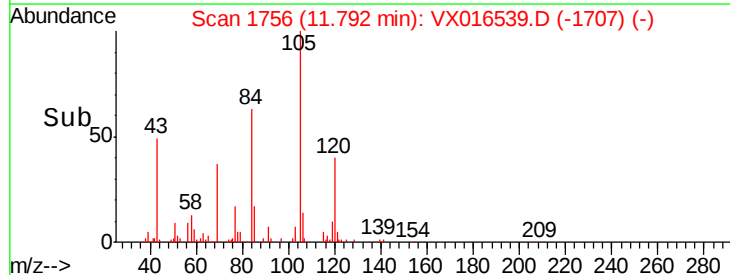
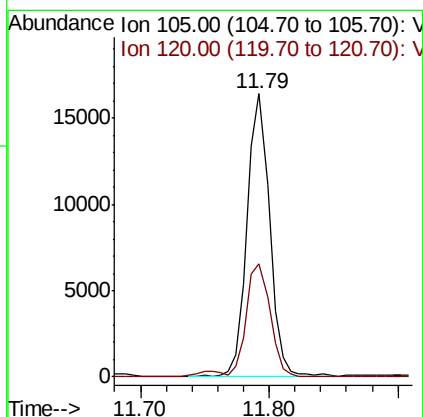
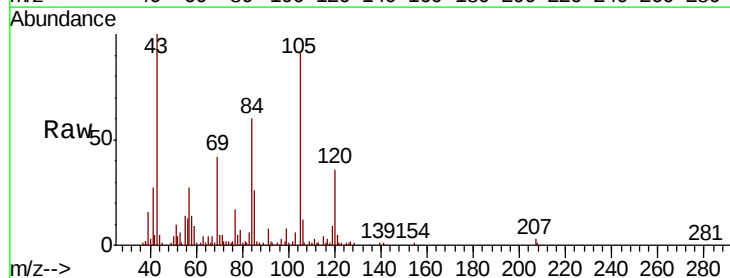
Instrument :
MSVOA_X
ClientSampled :
WC-20200529

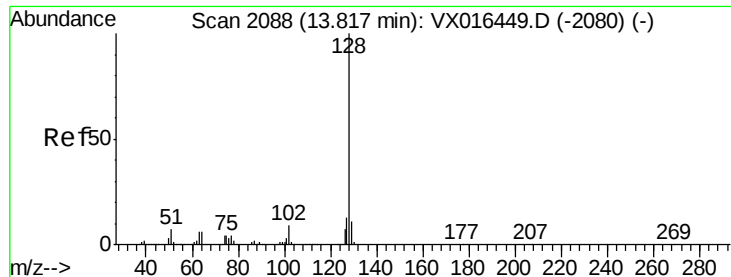
Tot Ion:119 Resp: 3633
Ion Ratio Lower Upper
119 100
91 72.7 31.3 93.8
134 25.0 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 1.478 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Tgt Ion:105 Resp: 19825
Ion Ratio Lower Upper
105 100
120 41.9 22.6 67.7

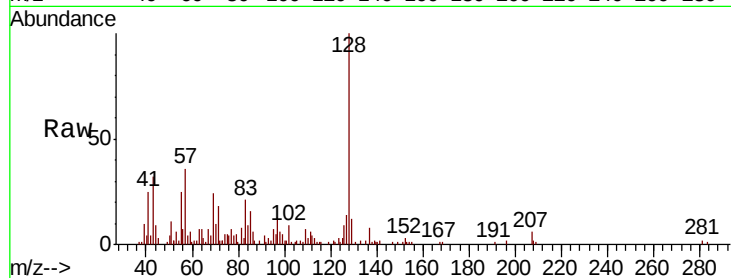




#95
Naphthalene
Concen: 0.808 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016539.D
Acq: 01 Jun 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
WC-20200529

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	14.3	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

