

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017054.D
 Acq On : 30 Jun 2020 18:41
 Operator : JC/SP
 Sample : L3123-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Jul 01 08:10:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	229520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	393974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150662	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
35) Dibromofluoromethane	5.47	113	129218	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	8.70	98	478414	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.12	95	203495	56.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.43	85	1147	0.517	ug/l	81
3) Chloromethane	1.31	50	623	0.232	ug/l	91
4) Vinyl Chloride	1.39	62	11394	4.569	ug/l	99
6) Chloroethane	1.71	64	722	0.490	ug/l	99
8) Diethyl Ether	2.12	74	58	0.412	ug/l	84
11) Tert butyl alcohol	3.02	59	628	1.163	ug/l #	92
12) 1,1-Dichloroethene	2.36	96	96119	42.329	ug/l	98
13) Acrolein	2.25	56	309	0.958	ug/l #	1
14) Allyl chloride	2.57	41	44571	10.621	ug/l #	62
16) Acetone	2.42	43	509918	481.738	ug/l	99
18) Methyl Acetate	2.57	43	109916	39.778	ug/l #	51
20) Methylene Chloride	2.83	84	494	Below Cal	#	93
21) trans-1,2-Dichloroethene	3.14	96	525	0.208	ug/l #	67
24) 1,1-Dichloroethane	3.67	63	84753	19.177	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	16507	5.781	ug/l	92
36) 1,1-Dichloropropene	5.63	75	16370	4.396	ug/l #	51
38) Carbon Tetrachloride	5.63	117	22370	5.455	ug/l #	18
39) Methylcyclohexane	7.44	83	2033	0.491	ug/l	96
40) Benzene	6.11	78	3936	0.360	ug/l #	80
42) 1,2-Dichloroethane	6.17	62	9250	2.341	ug/l	94
43) Isopropyl Acetate	6.31	43	28252	4.500	ug/l #	62
44) Trichloroethene	7.19	130	2605	0.557	ug/l	73
49) 1,4-Dioxane	7.71	88	44869	664.046	ug/l	96
55) 1,1,2-Trichloroethane	9.15	97	562	0.201	ug/l #	15
59) 2-Hexanone	9.29	43	672	0.246	ug/l	72
68) m/p-Xylenes	10.34	106	1968	0.366	ug/l	95
76) 1,2,3-Trichloropropane	11.12	75	100428	23.287	ug/l #	38
78) n-propylbenzene	11.35	91	3726	0.229	ug/l	97
79) 2-Chlorotoluene	11.42	91	2117	0.215	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	4423	0.371	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	100428	60.306	ug/l #	17
84) 1,2,4-Trimethylbenzene	11.79	105	12367	1.023	ug/l	95
85) sec-Butylbenzene	11.93	105	3782	0.275	ug/l #	55
86) p-Isopropyltoluene	12.22	119	3727	0.291	ug/l	86

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QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

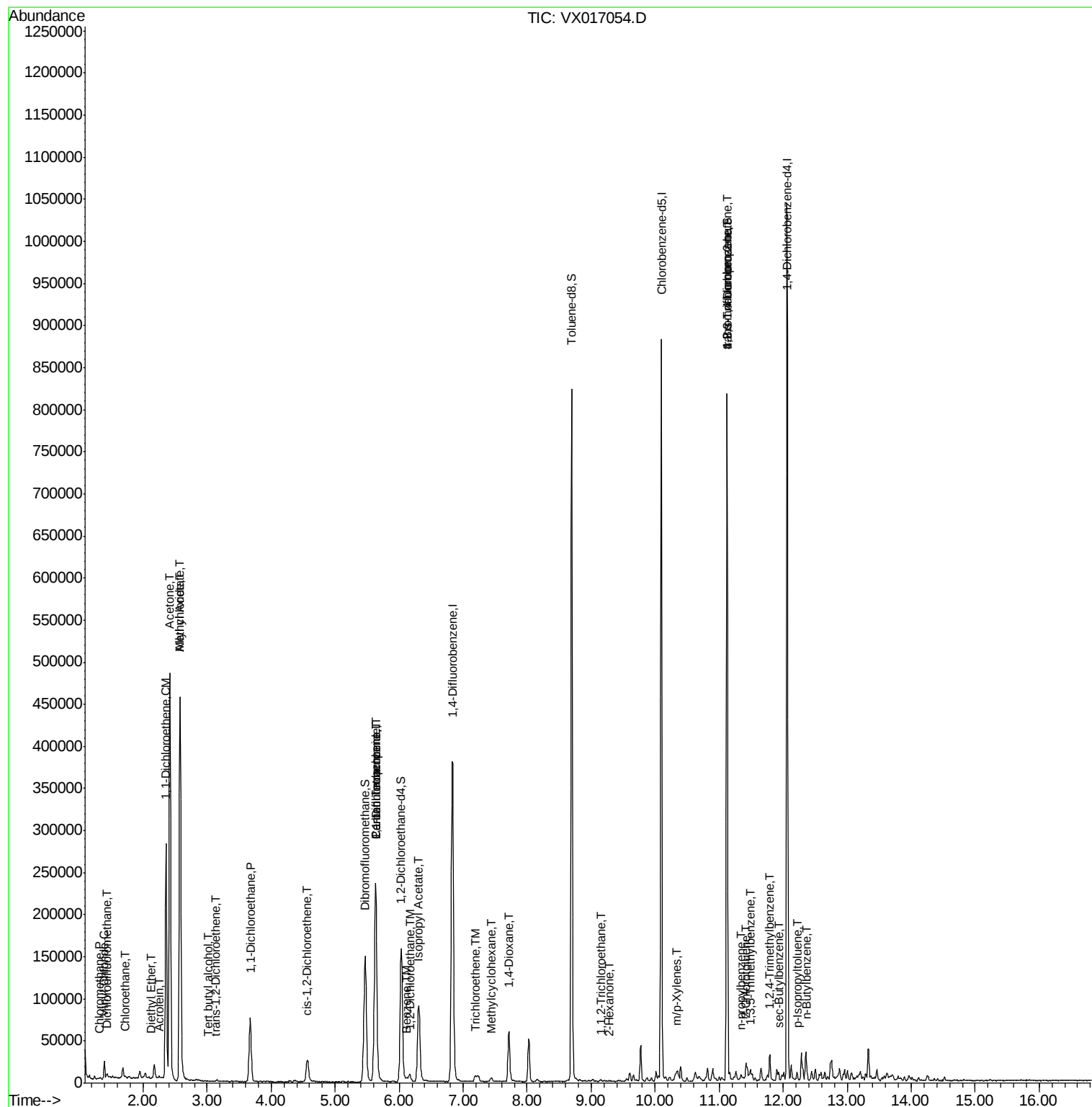
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.07	146	549	Below Cal #	1
89) n-Butylbenzene	12.37	91	4771	0.417 ug/l #	50

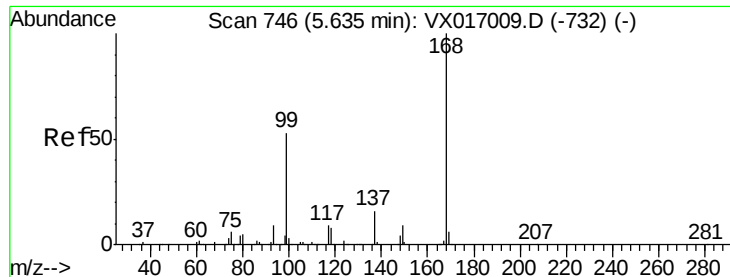
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

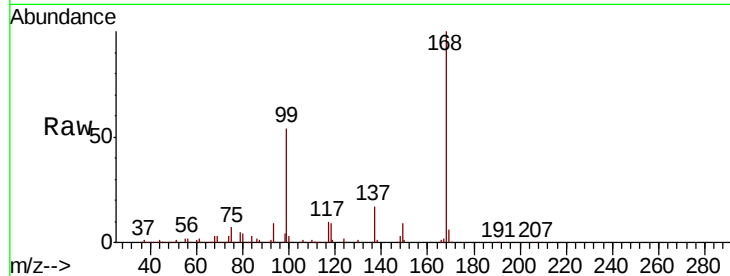
DUP-1

Tot Ion:168 Resp: 229520

Ion Ratio Lower Upper

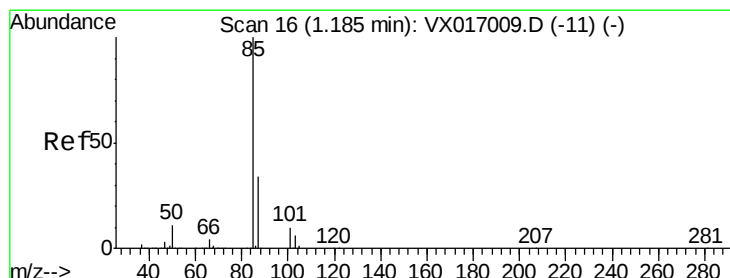
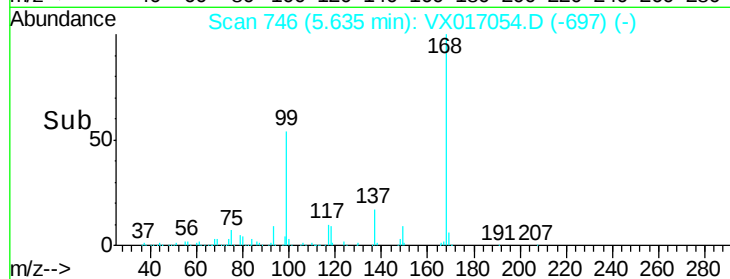
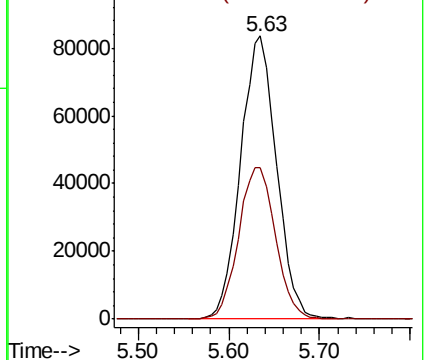
168 100

99 53.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.517 ug/l

RT: 1.43 min Scan# 57

Delta R.T. 0.25 min

Lab File: VX017054.D

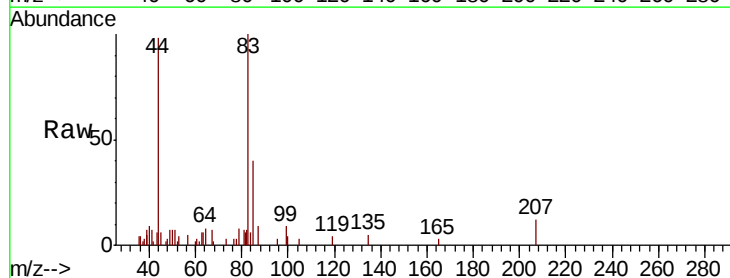
Acq: 30 Jun 2020 18:41

Tgt Ion: 85 Resp: 1147

Ion Ratio Lower Upper

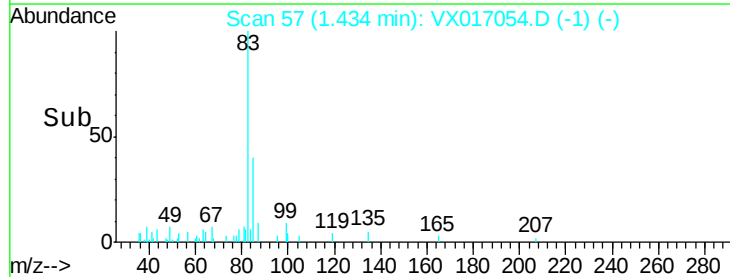
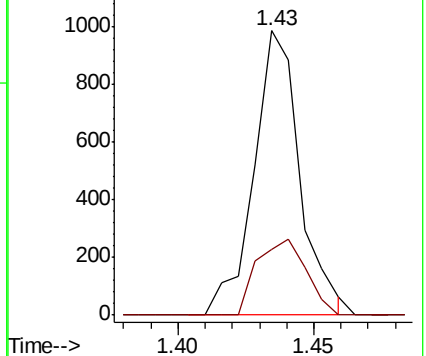
85 100

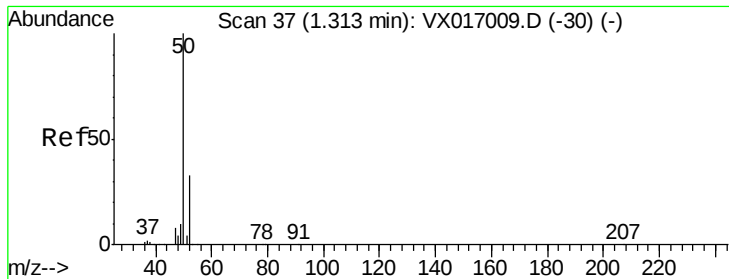
87 23.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.232 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

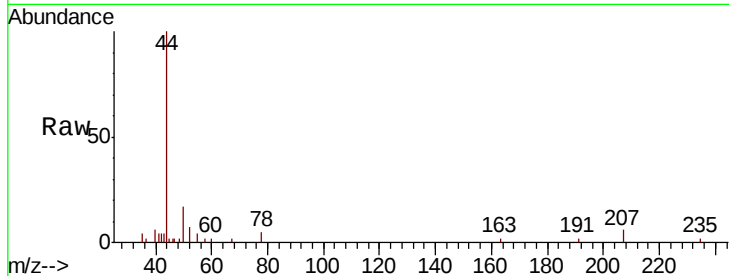
DUP-1

Tot Ion: 50 Resp: 623

Ion Ratio Lower Upper

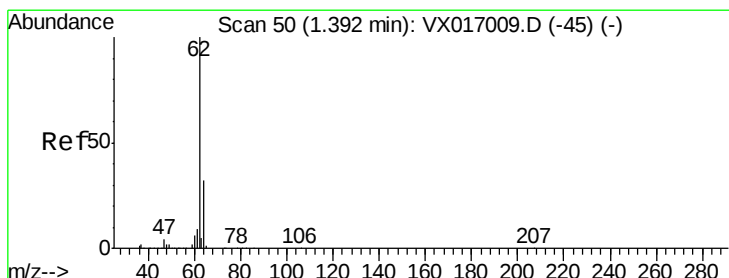
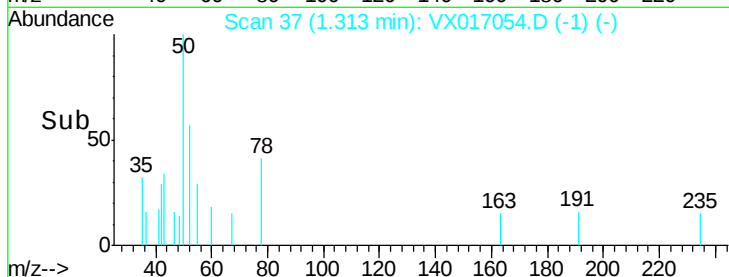
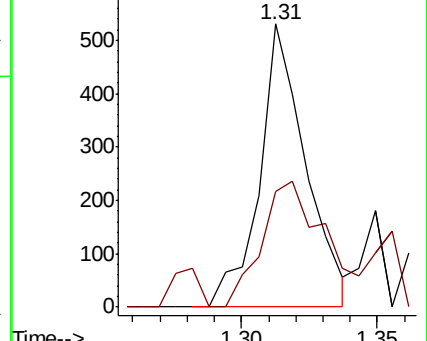
50 100

52 27.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.569 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017054.D

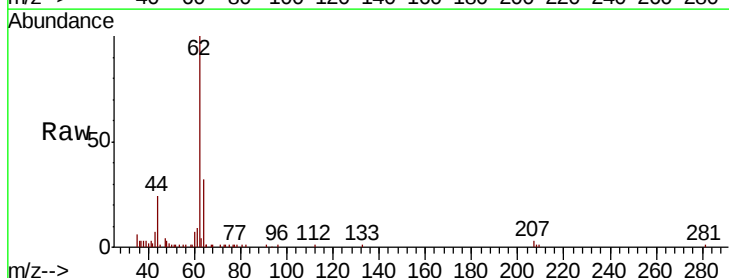
Acq: 30 Jun 2020 18:41

Tgt Ion: 62 Resp: 11394

Ion Ratio Lower Upper

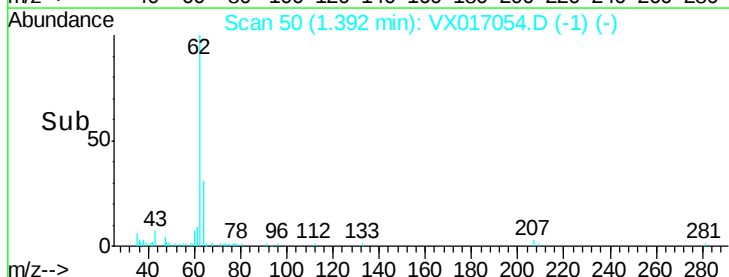
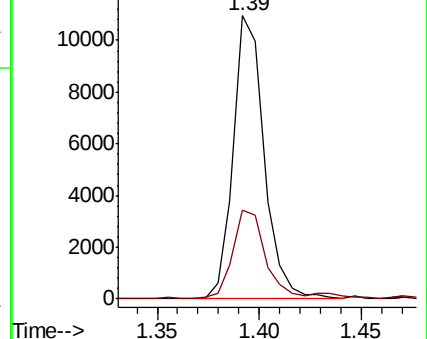
62 100

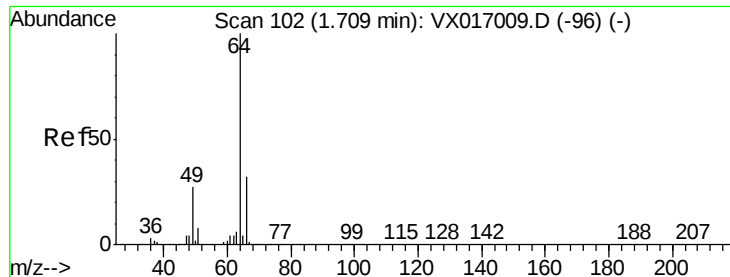
64 31.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 0.490 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

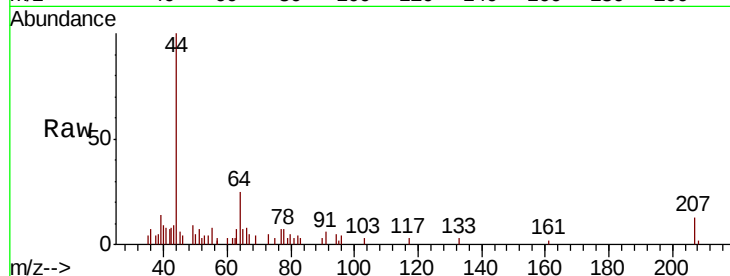
DUP-1

Tot Ion: 64 Resp: 722

Ion Ratio Lower Upper

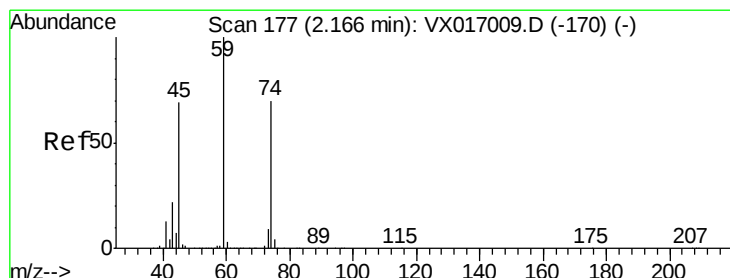
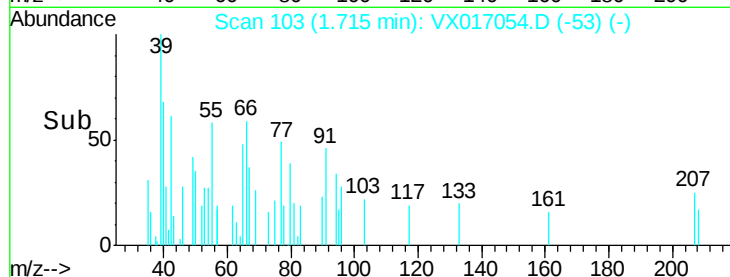
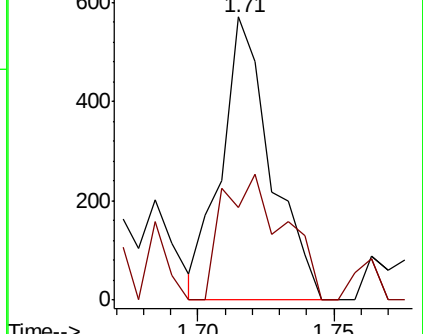
64 100

66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.412 ug/l

RT: 2.12 min Scan# 170

Delta R.T. -0.04 min

Lab File: VX017054.D

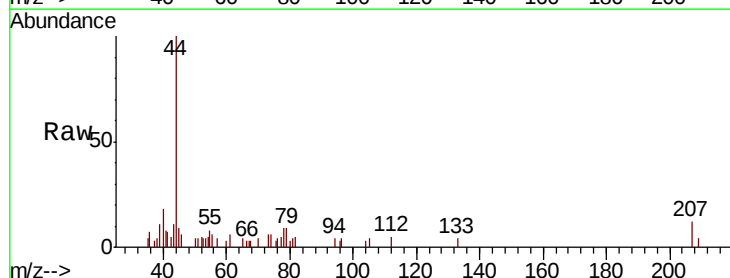
Acq: 30 Jun 2020 18:41

Tgt Ion: 74 Resp: 58

Ion Ratio Lower Upper

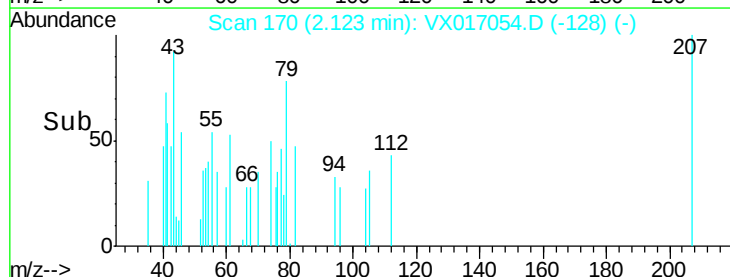
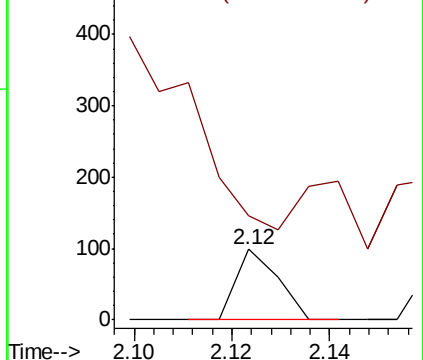
74 100

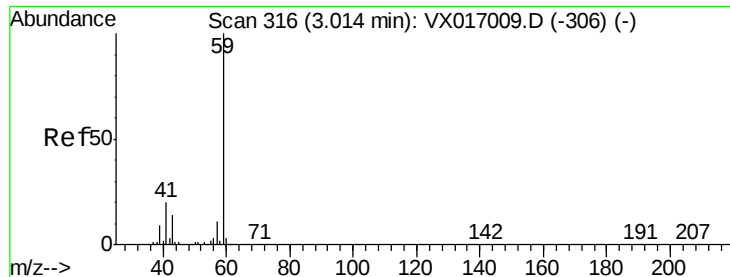
45 115.5 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

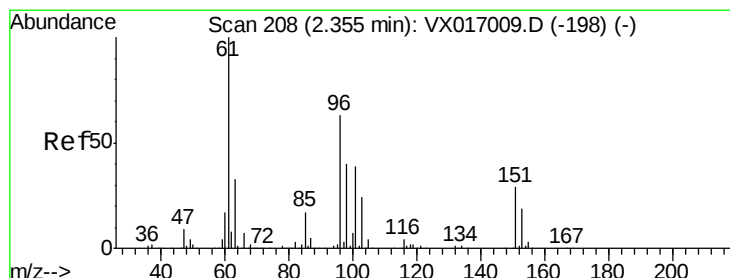
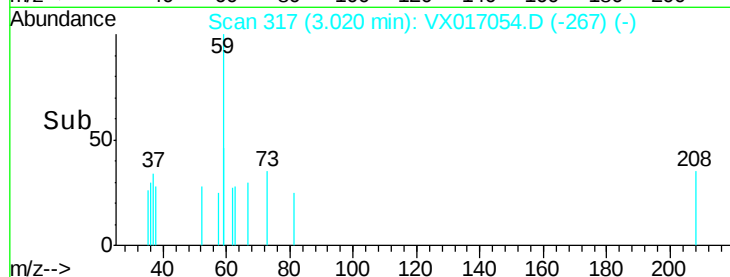
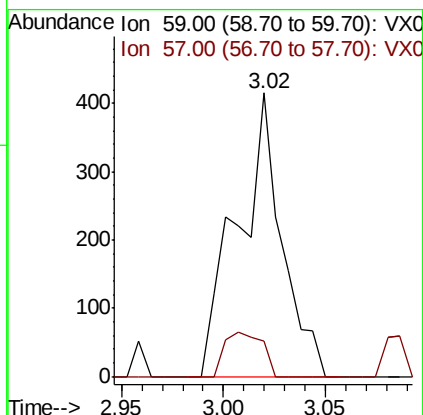
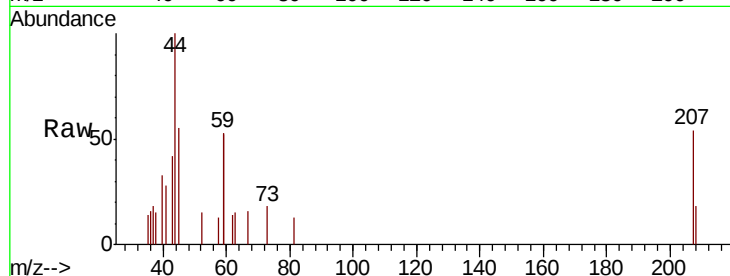




#11
Tert butyl alcohol
Concen: 1.163 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

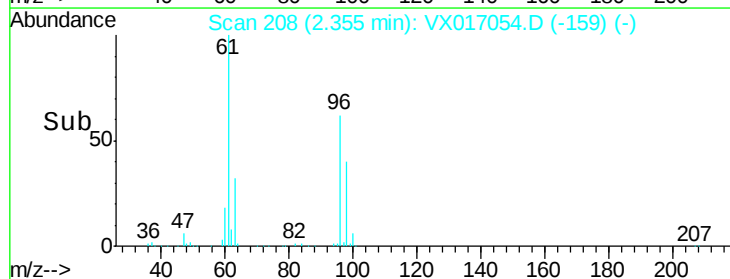
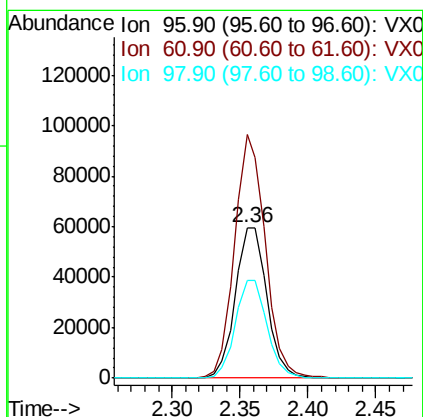
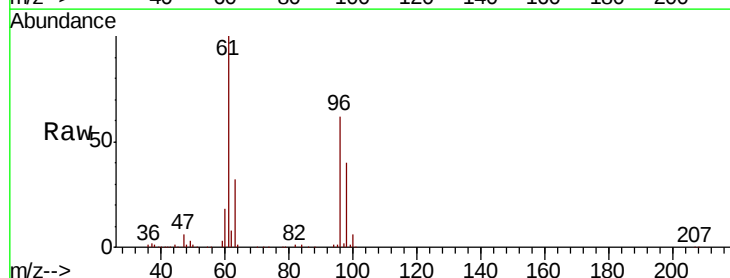
Instrument :
MSVOA_X
ClientSampled :
DUP-1

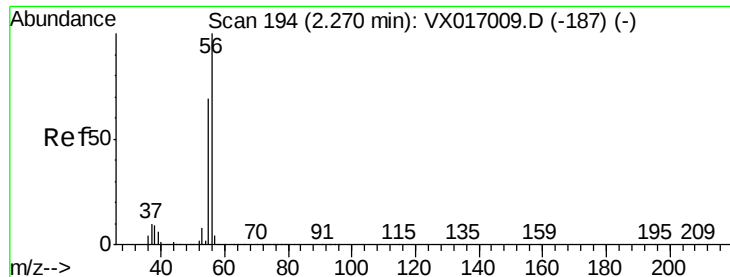
Tot Ion: 59 Resp: 628
Ion Ratio Lower Upper
59 100
57 13.2 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 42.329 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

Tgt Ion: 96 Resp: 96119
Ion Ratio Lower Upper
96 100
61 161.9 126.3 189.5
98 64.7 51.0 76.6





#13

Acrolein

Concen: 0.958 ug/l

RT: 2.25 min Scan# 190

Delta R.T. -0.02 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

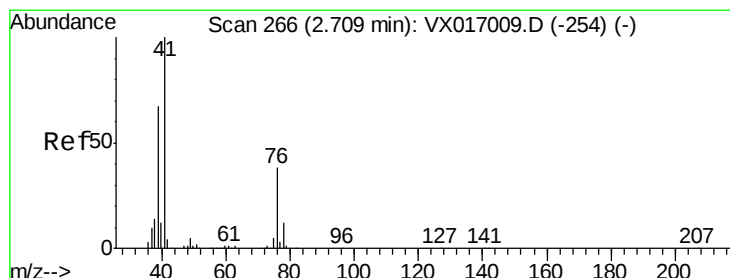
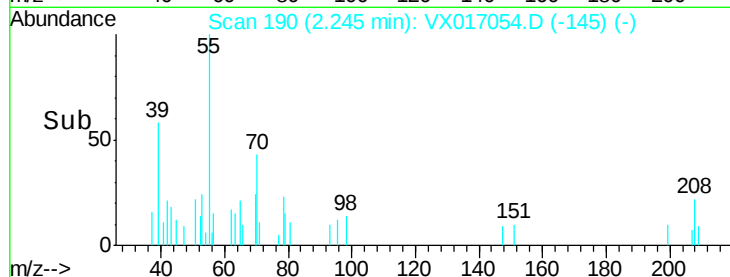
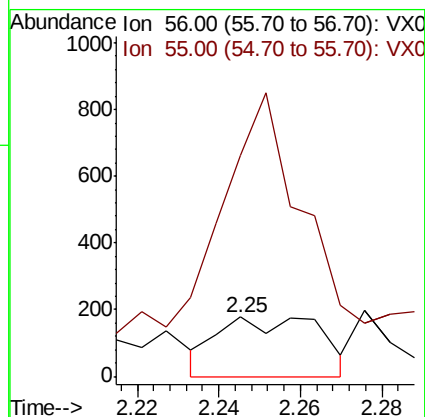
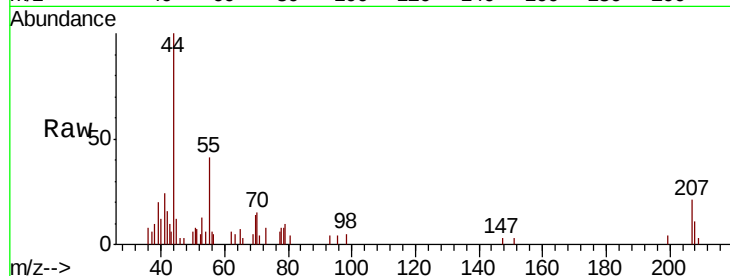
DUP-1

Tot Ion: 56 Resp: 309

Ion Ratio Lower Upper

56 100

55 367.3 55.7 83.5#



#14

Allyl chloride

Concen: 10.621 ug/l

RT: 2.57 min Scan# 244

Delta R.T. -0.13 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

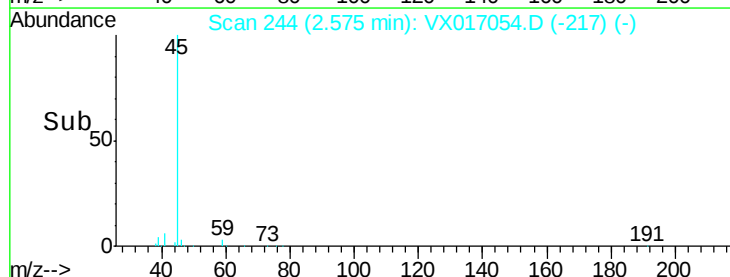
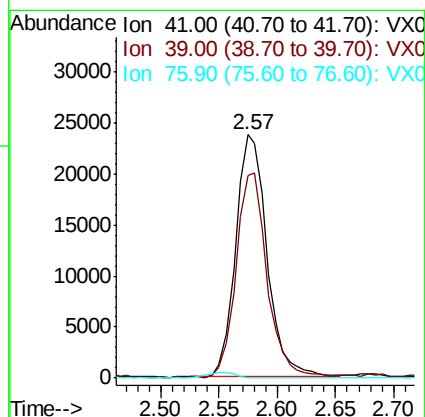
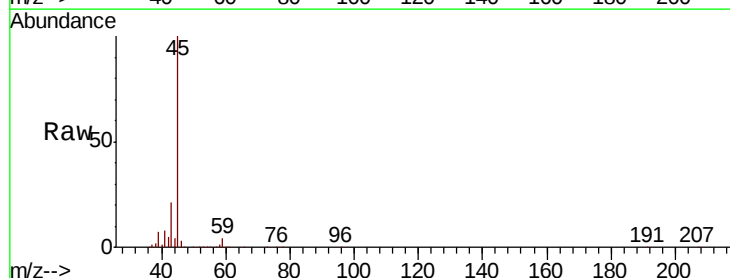
Tgt Ion: 41 Resp: 44571

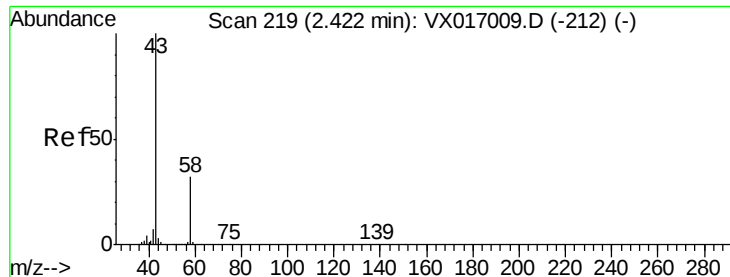
Ion Ratio Lower Upper

41 100

39 82.8 49.4 74.2#

76 0.0 26.8 40.2#





#16

Acetone

Concen: 481.738 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

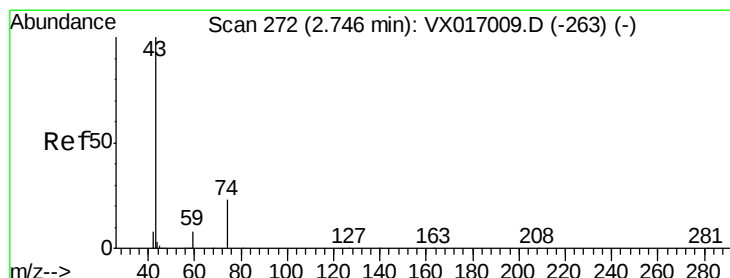
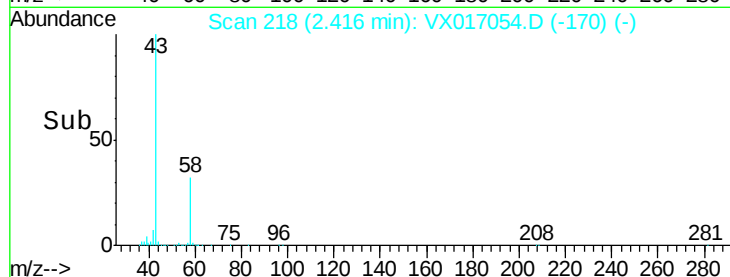
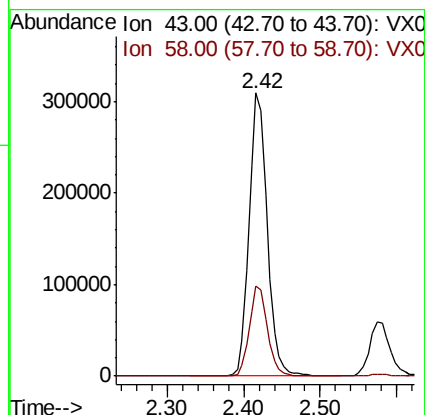
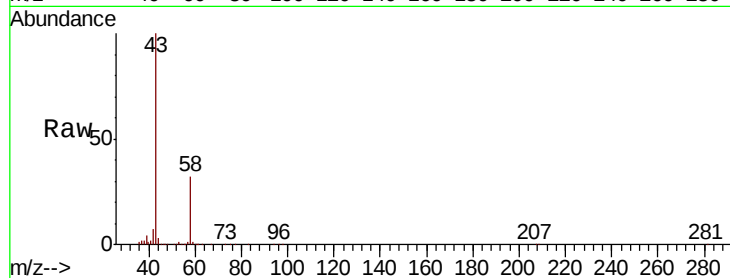
DUP-1

Tot Ion: 43 Resp: 509918

Ion Ratio Lower Upper

43 100

58 31.8 25.7 38.5



#18

Methyl Acetate

Concen: 39.778 ug/l

RT: 2.57 min Scan# 244

Delta R.T. -0.17 min

Lab File: VX017054.D

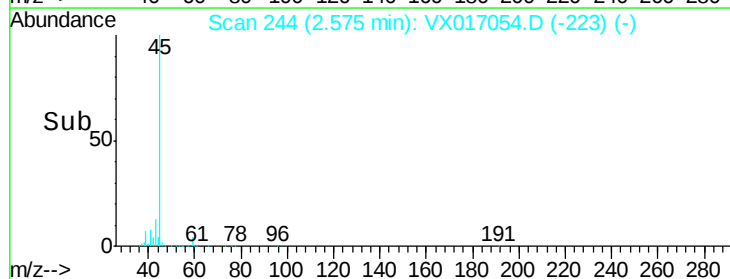
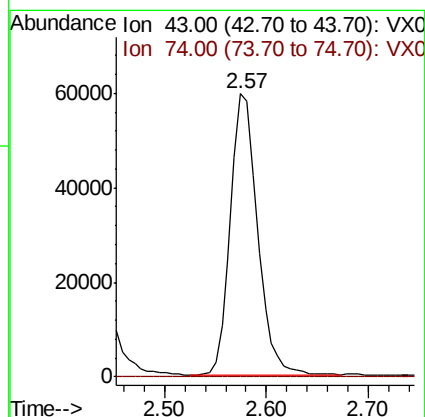
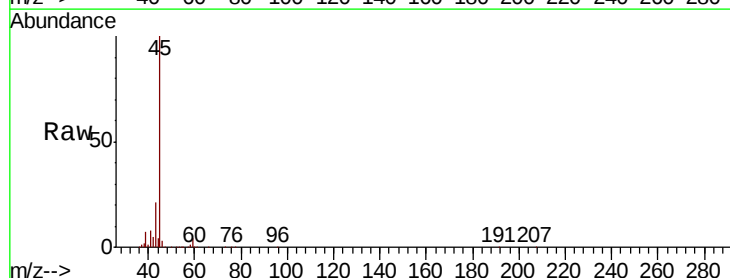
Acq: 30 Jun 2020 18:41

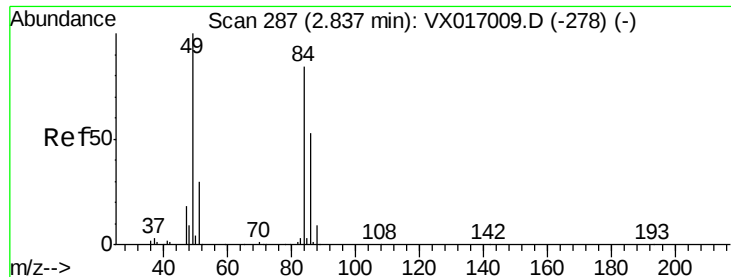
Tgt Ion: 43 Resp: 109916

Ion Ratio Lower Upper

43 100

74 0.0 19.3 28.9#

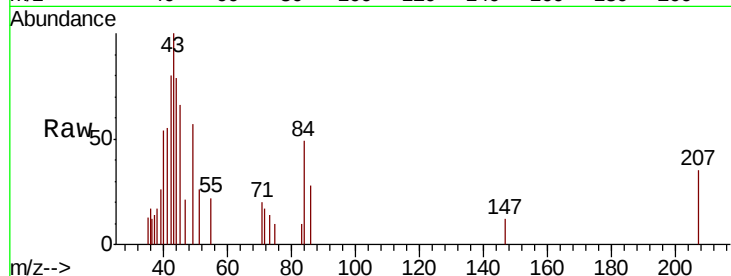




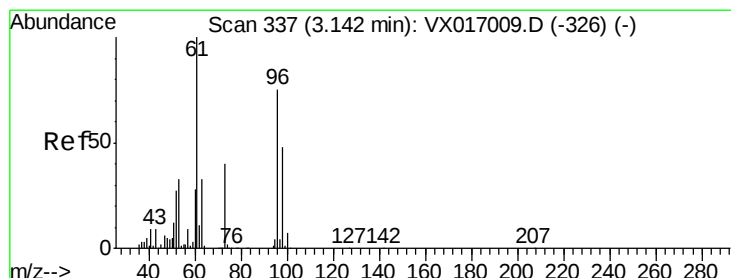
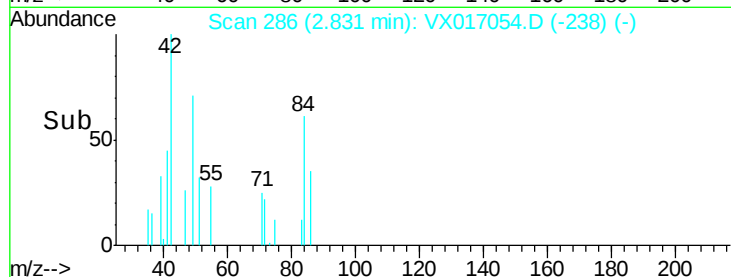
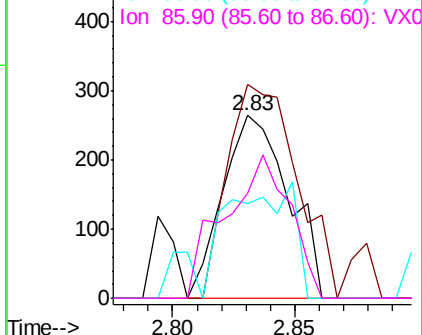
#20
Methvlene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

Instrument :
MSVOA_X
ClientSampled :
DUP-1

Tot Ion: 84 Resp: 494
Ion Ratio Lower Upper
84 100
49 117.0 94.7 142.1
51 52.3 28.6 42.8#
86 57.6 50.5 75.7

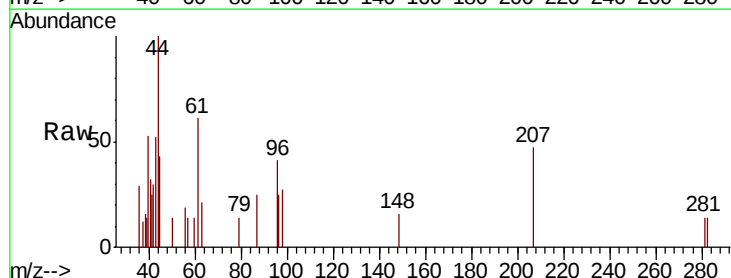


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

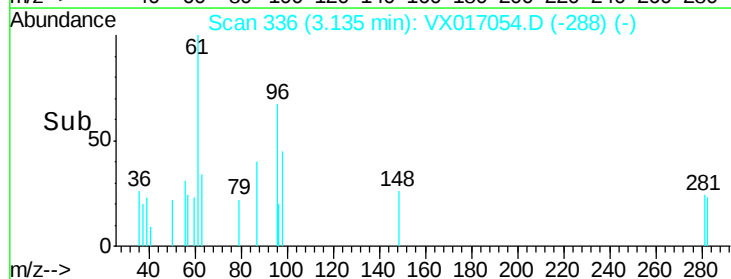
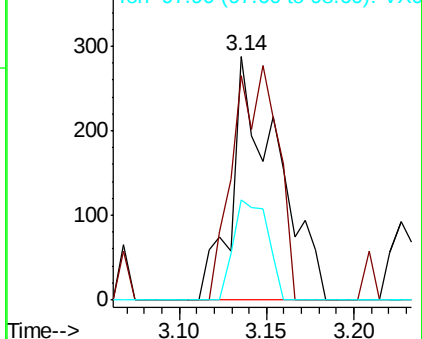


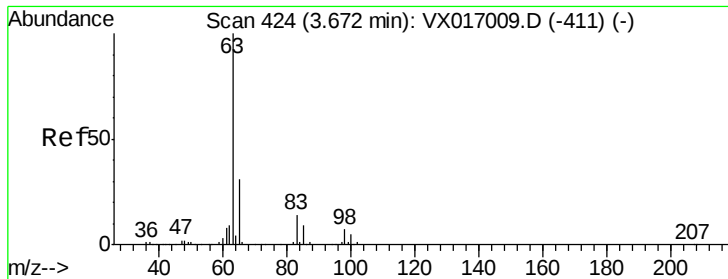
#21
trans-1,2-Dichloroethene
Concen: 0.208 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

Tgt Ion: 96 Resp: 525
Ion Ratio Lower Upper
96 100
61 92.0 107.0 160.6#
98 41.3 51.6 77.4#



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 19.177 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

DUP-1

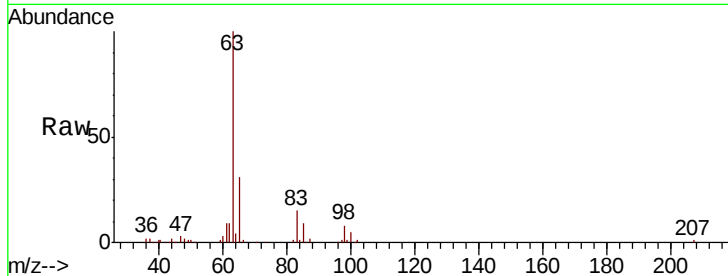
Tot Ion: 63 Resp: 84753

Ion Ratio Lower Upper

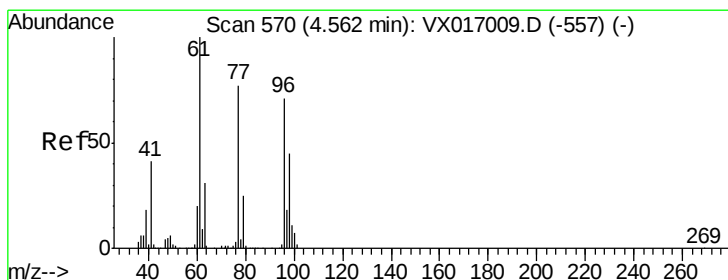
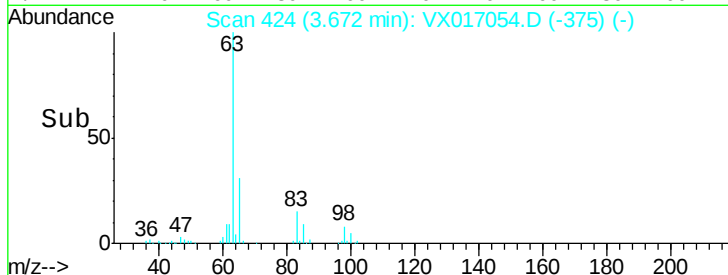
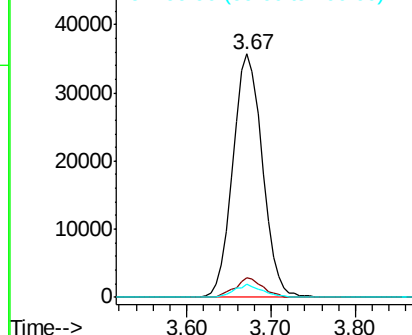
63 100

98 8.2 3.6 10.8

100 5.3 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



#27

cis-1,2-Dichloroethene

Concen: 5.781 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

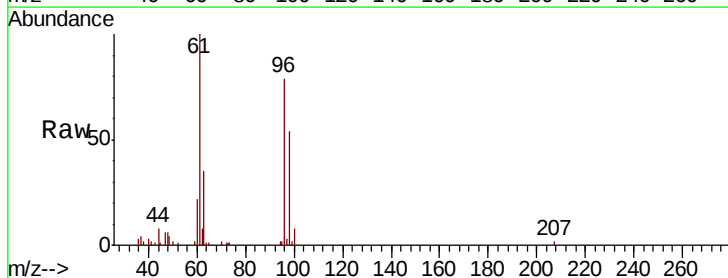
Tgt Ion: 96 Resp: 16507

Ion Ratio Lower Upper

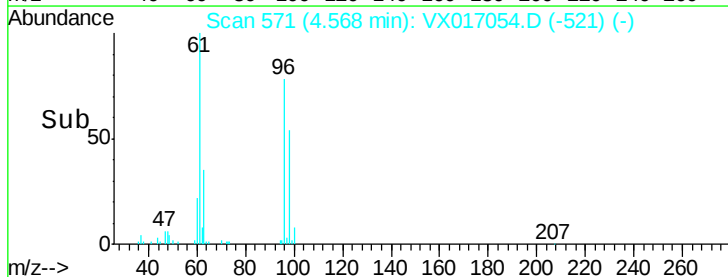
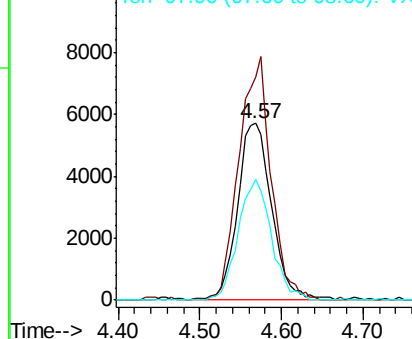
96 100

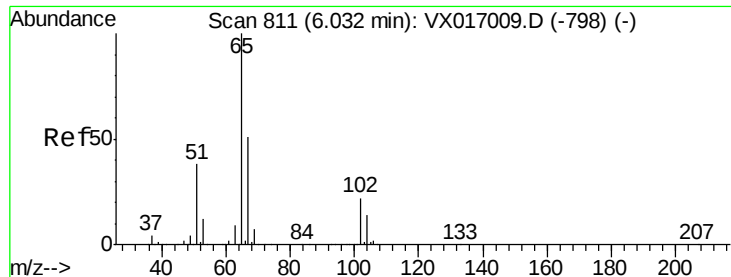
61 129.5 0.0 282.8

98 66.5 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.246 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

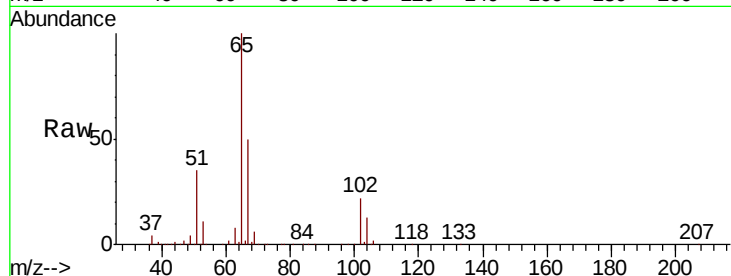
DUP-1

Tot Ion: 65 Resp: 150662

Ion Ratio Lower Upper

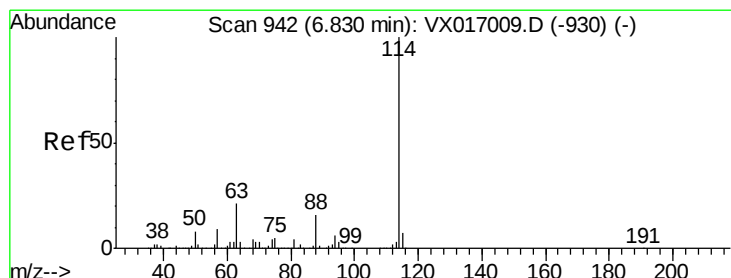
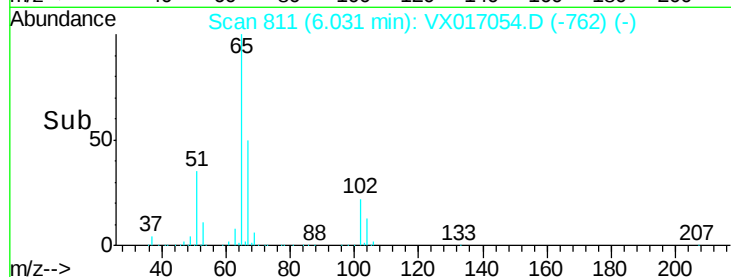
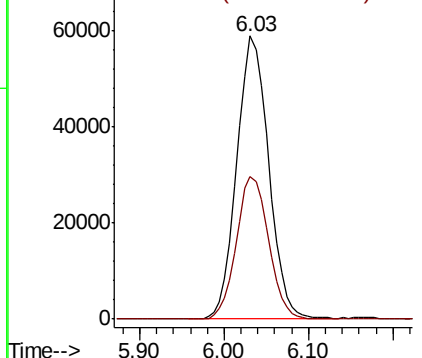
65 100

67 51.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

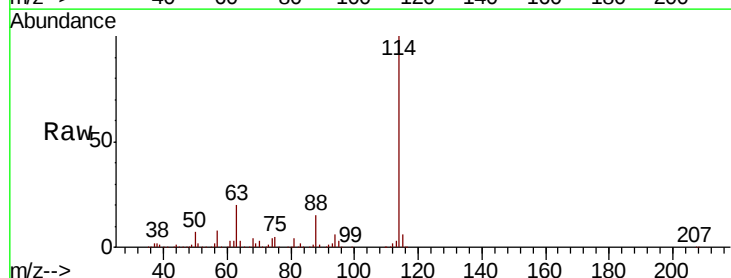
Tgt Ion: 114 Resp: 393974

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

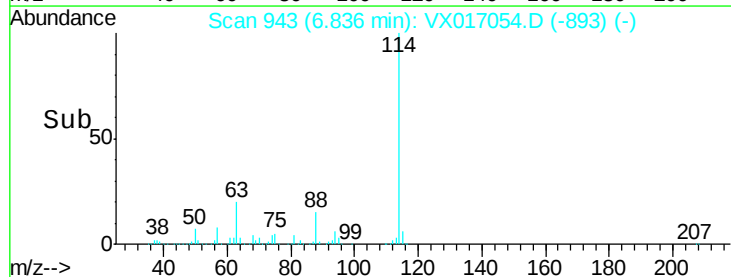
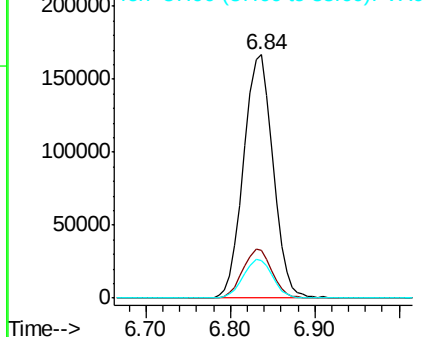
88 15.3 0.0 32.4

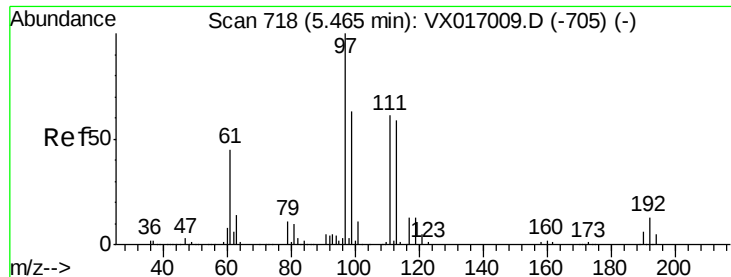


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

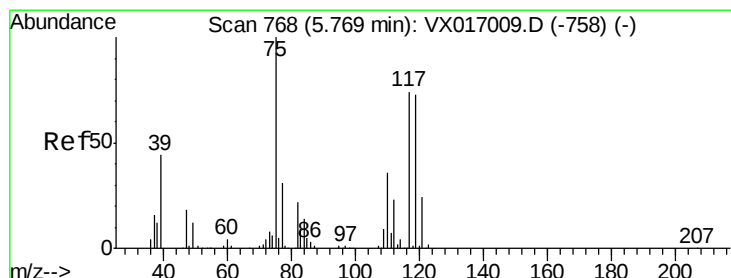
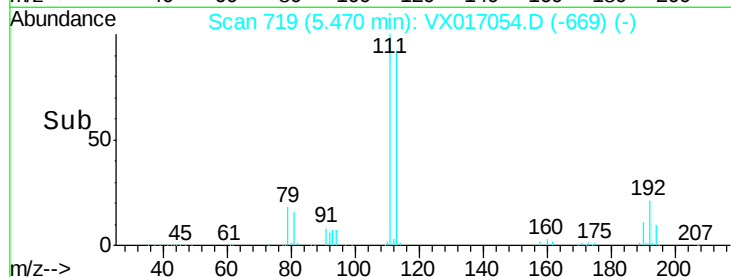
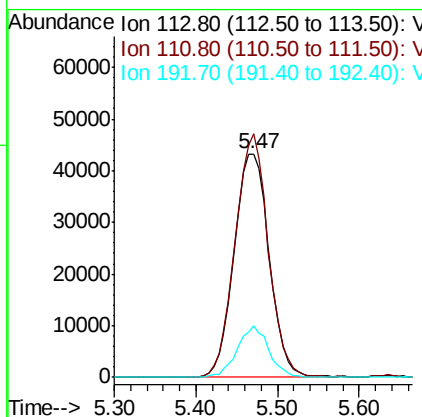
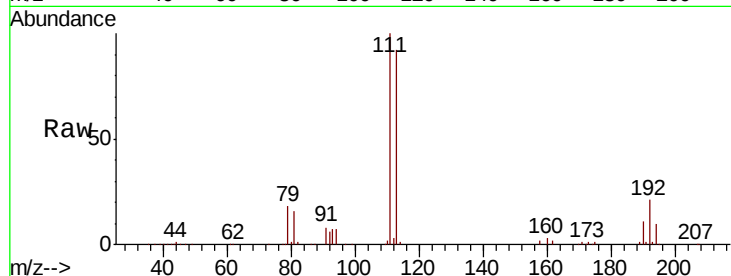




#35
 Dibromofluoromethane
 Concen: 51.850 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

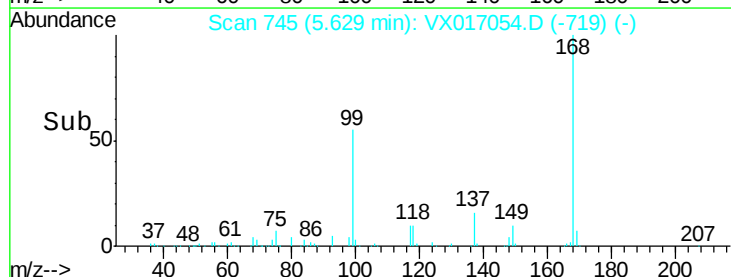
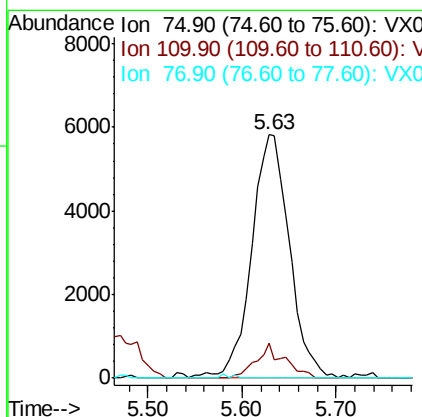
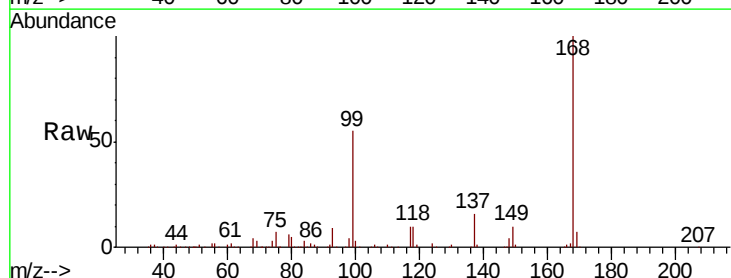
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

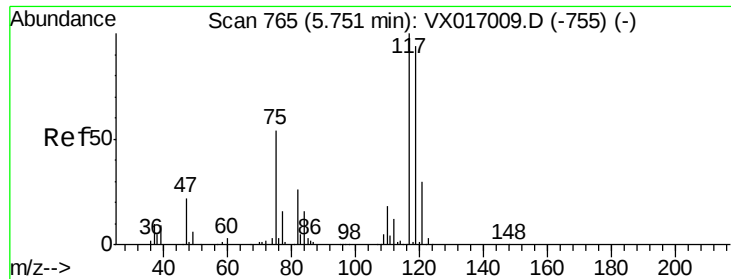
Tot Ion:113 Resp: 129218
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.9 122.9
 192 20.7 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 4.396 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

Tgt Ion: 75 Resp: 16370
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.1 54.1#
 77 0.0 24.6 37.0#

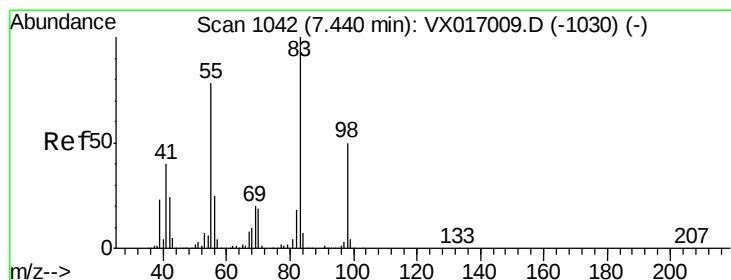
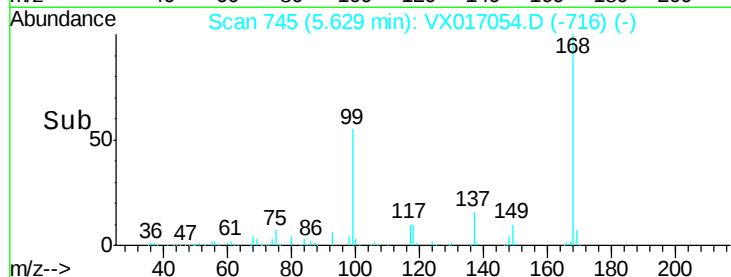
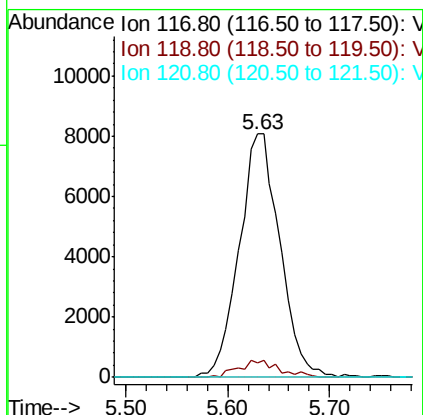
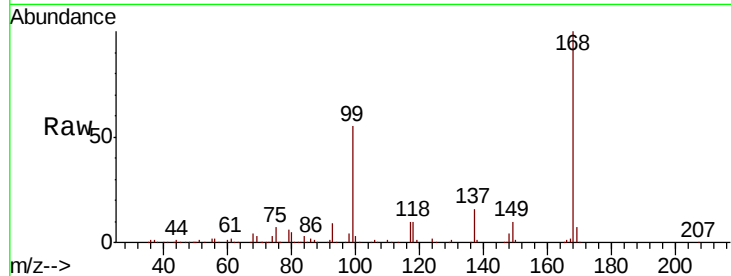




#38
Carbon Tetrachloride
Concen: 5.455 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

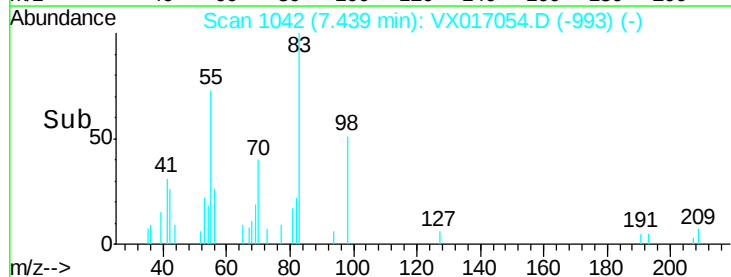
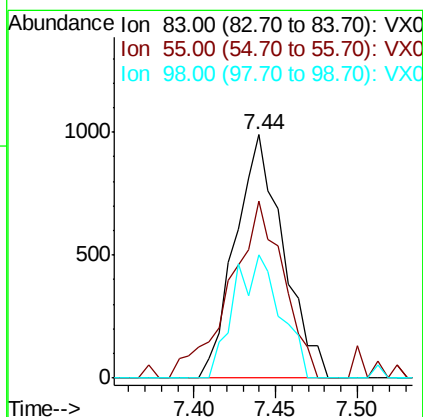
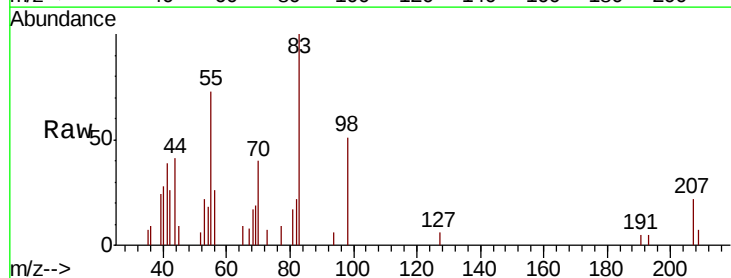
Instrument :
MSVOA_X
ClientSampled :
DUP-1

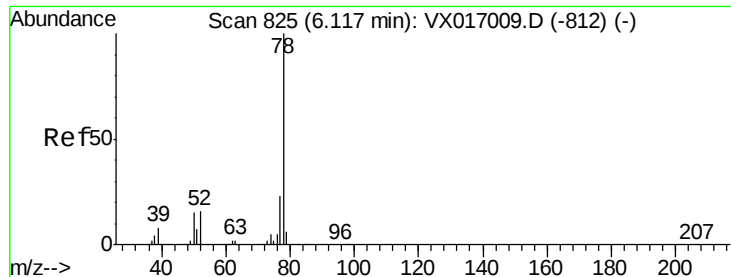
Tot Ion:117 Resp: 22370
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.0#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.491 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

Tgt Ion: 83 Resp: 2033
Ion Ratio Lower Upper
83 100
55 72.6 62.5 93.7
98 50.7 40.1 60.1





#40

Benzene

Concen: 0.360 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

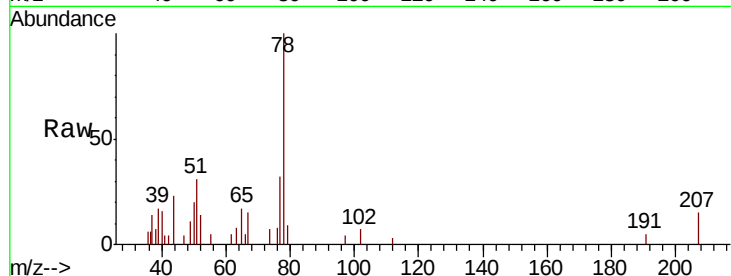
DUP-1

Tot Ion: 78 Resp: 3936

Ion Ratio Lower Upper

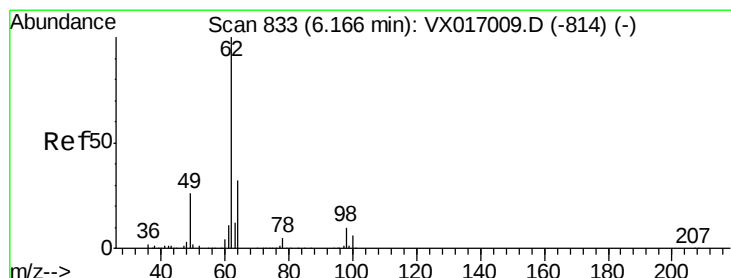
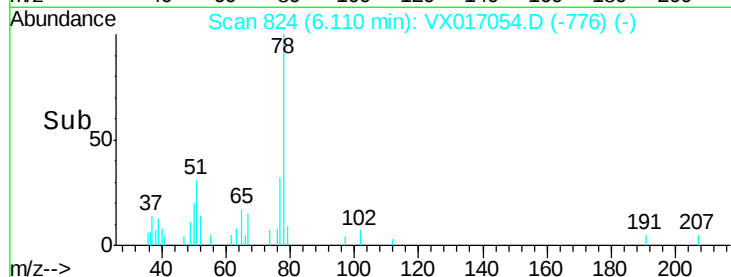
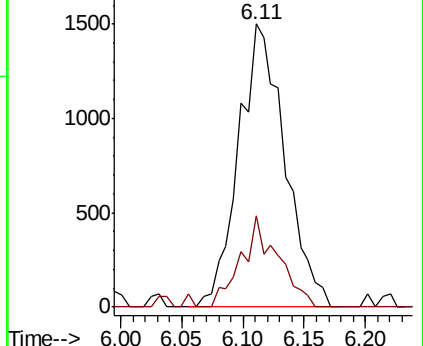
78 100

77 32.5 18.3 27.5#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 2.341 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017054.D

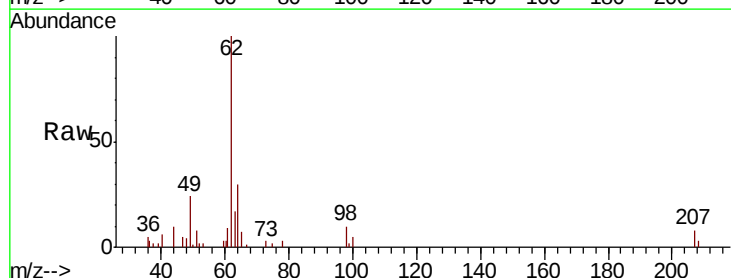
Acq: 30 Jun 2020 18:41

Tgt Ion: 62 Resp: 9250

Ion Ratio Lower Upper

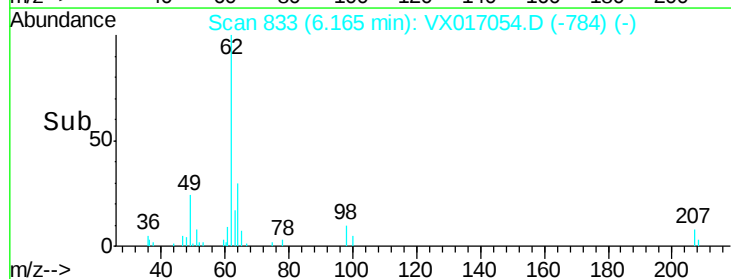
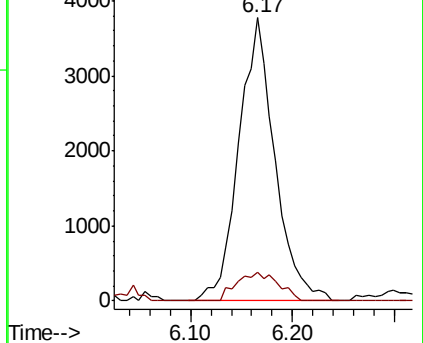
62 100

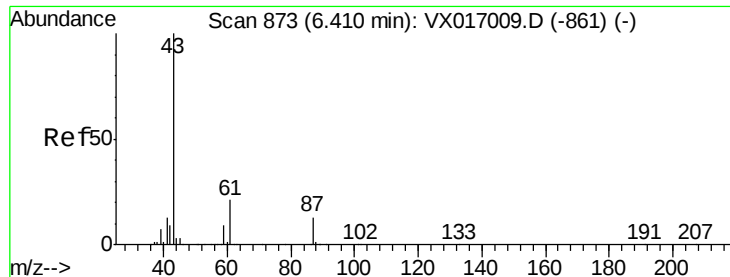
98 11.7 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.500 ug/l

RT: 6.31 min Scan# 856

Delta R.T. -0.10 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

DUP-1

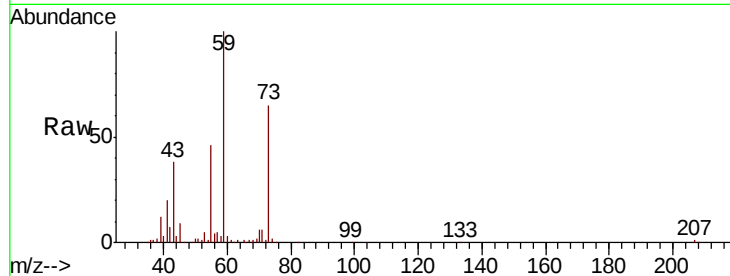
Tot Ion: 43 Resp: 28252

Ion Ratio Lower Upper

43 100

61 1.4 16.2 24.2#

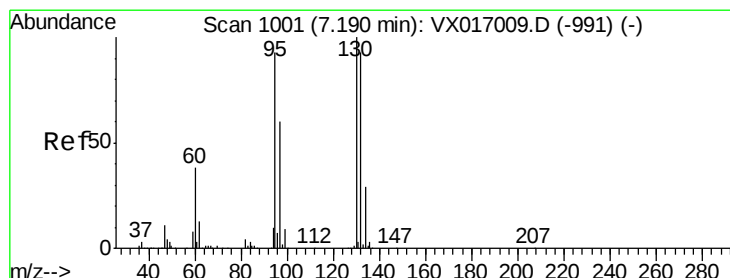
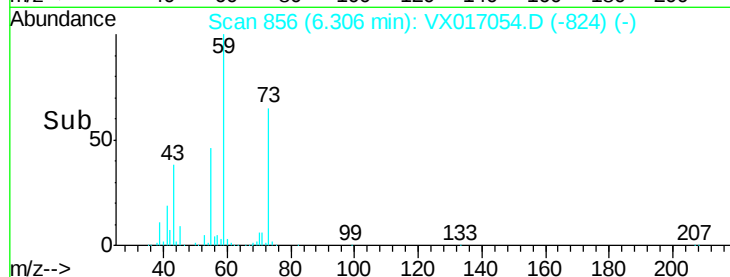
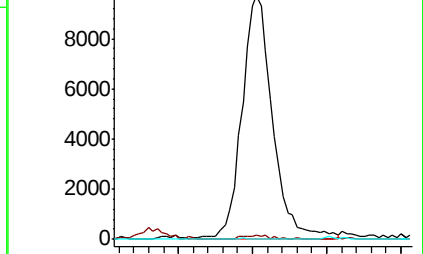
87 0.1 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VX017009.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX017009.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX017009.D (-861) (-)



#44

Trichloroethene

Concen: 0.557 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017054.D

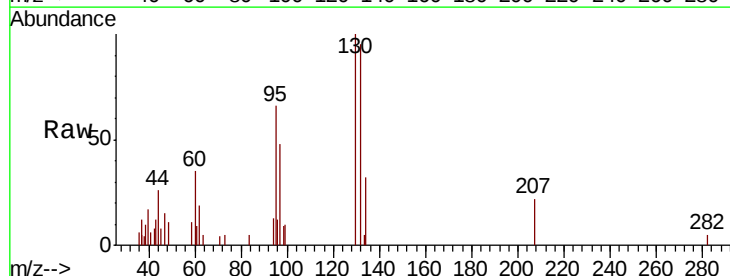
Acq: 30 Jun 2020 18:41

Tgt Ion:130 Resp: 2605

Ion Ratio Lower Upper

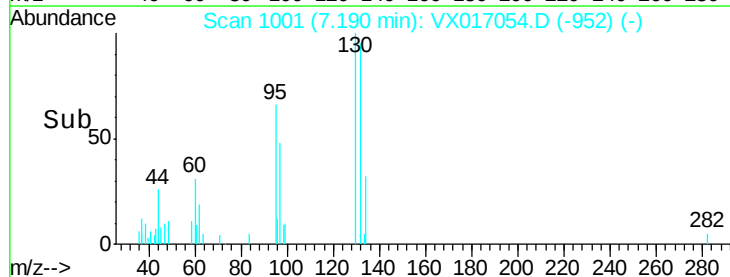
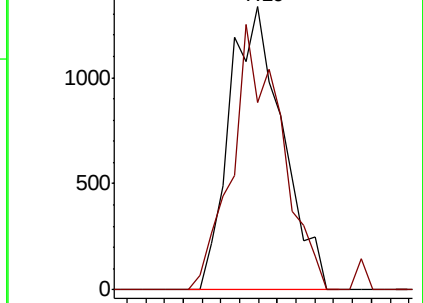
130 100

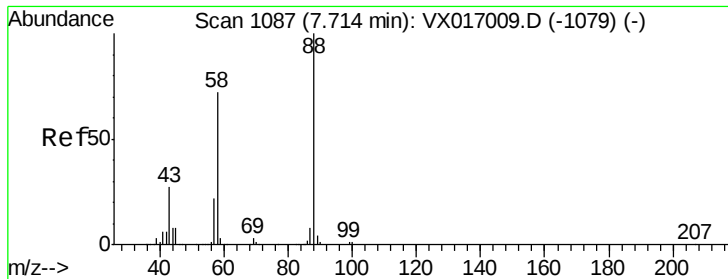
95 66.4 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): VX017009.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX017009.D (-991) (-)

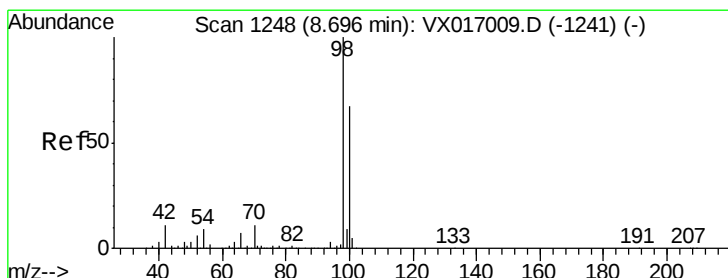
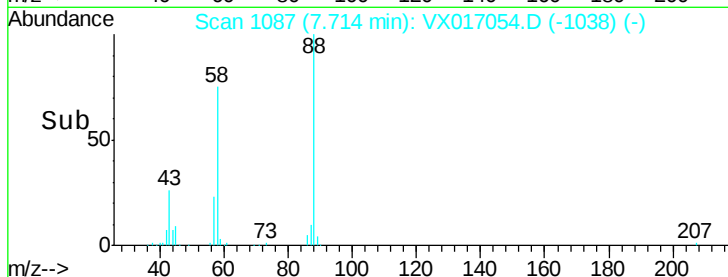
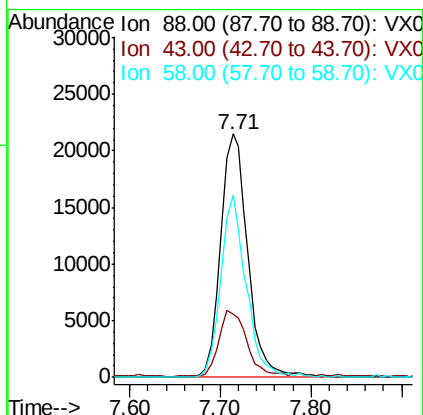
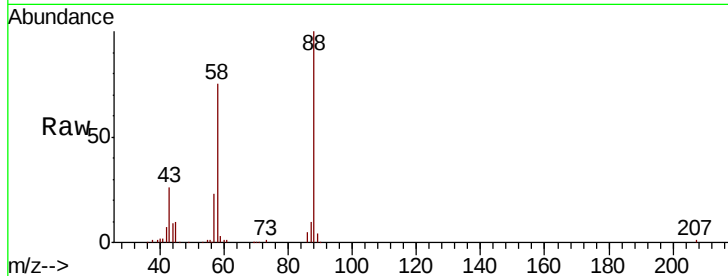




#49
1,4-Dioxane
Concen: 664.046 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

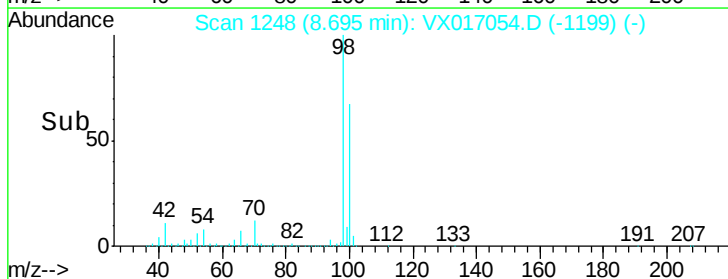
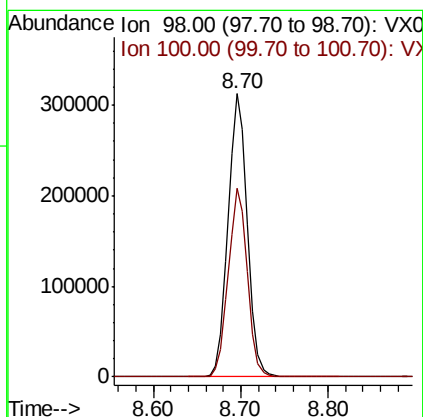
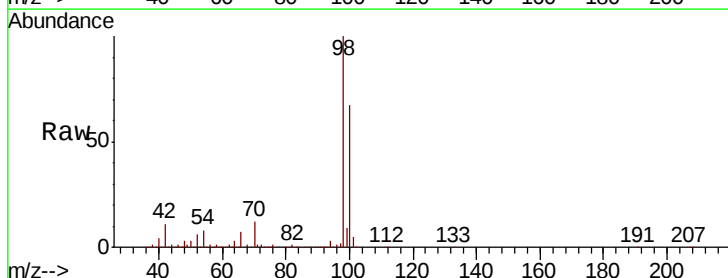
Instrument :
MSVOA_X
ClientSampled :
DUP-1

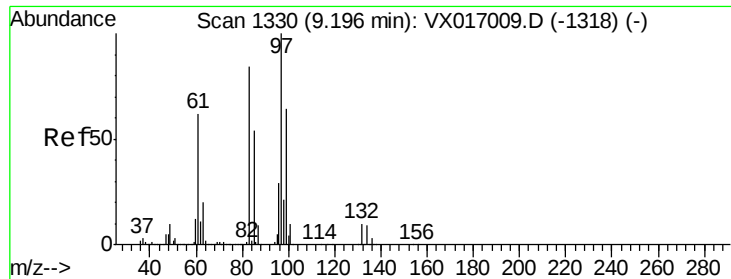
Tot Ion	88	Resp	44869
Ion	Ratio	Lower	Upper
88	100		
43	28.3	25.8	38.8
58	69.9	54.8	82.2



#50
Toluene-d8
Concen: 51.914 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

Tgt Ion	98	Resp	478414
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.8	80.6

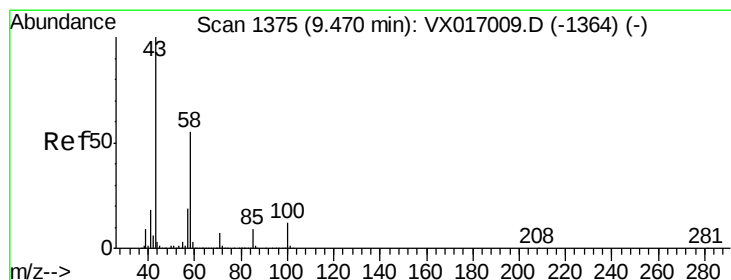
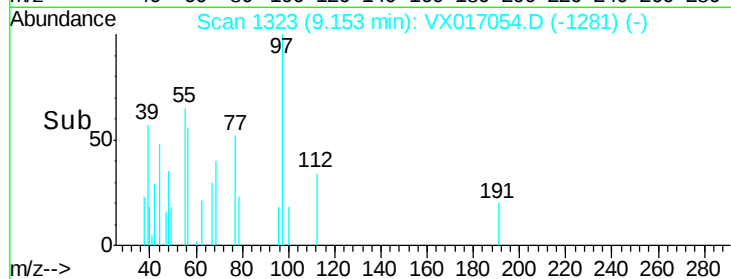
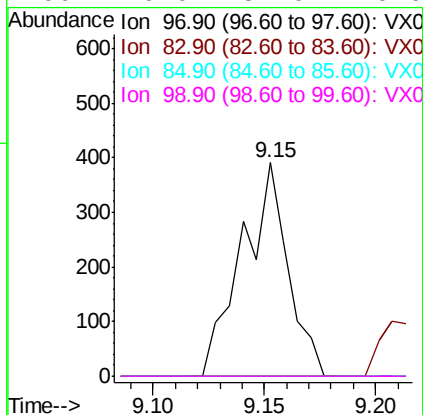
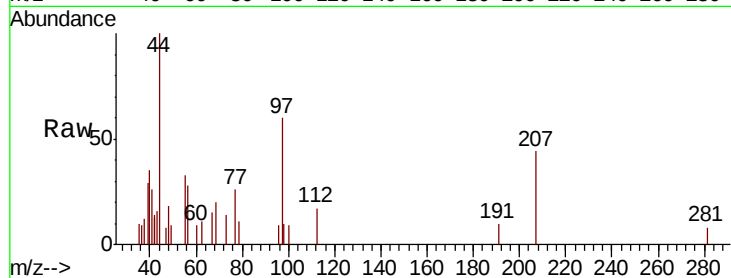




#55
 1,1,2-Trichloroethane
 Concen: 0.201 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.04 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

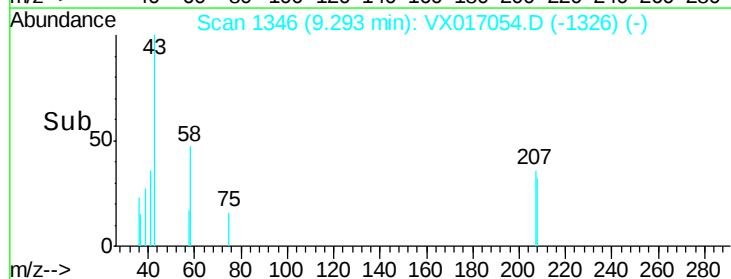
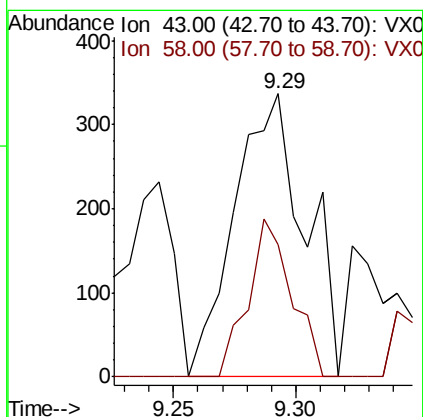
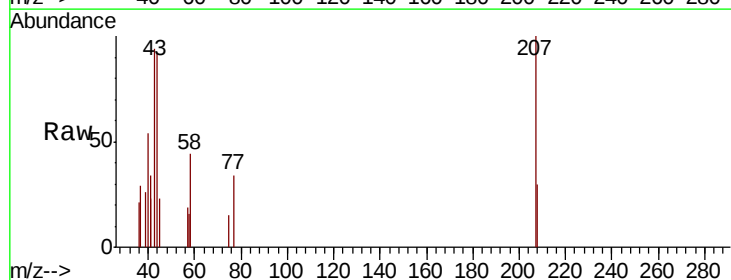
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

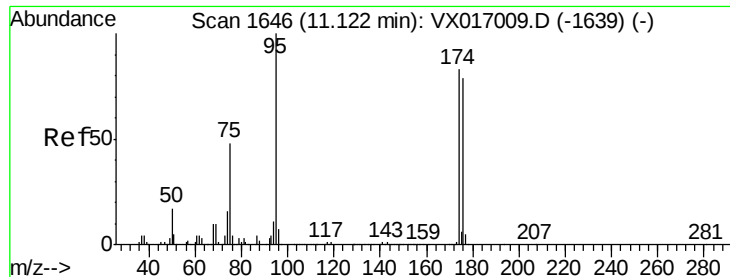
Tot Ion: 97 Resp: 562
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.0 100.6#
 85 0.0 43.5 65.3#
 99 0.0 51.0 76.6#



#59
 2-Hexanone
 Concen: 0.246 ug/l
 RT: 9.29 min Scan# 1346
 Delta R.T. -0.18 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

Tgt Ion: 43 Resp: 672
 Ion Ratio Lower Upper
 43 100
 58 35.0 27.9 83.6





#62

4-Bromofluorobenzene

Concen: 56.488 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

DUP-1

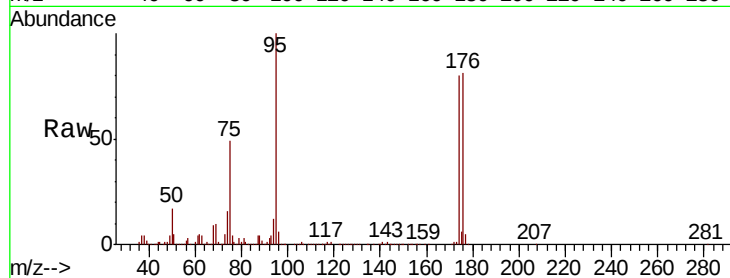
Tot Ion: 95 Resp: 203495

Ion Ratio Lower Upper

95 100

174 80.7 0.0 164.0

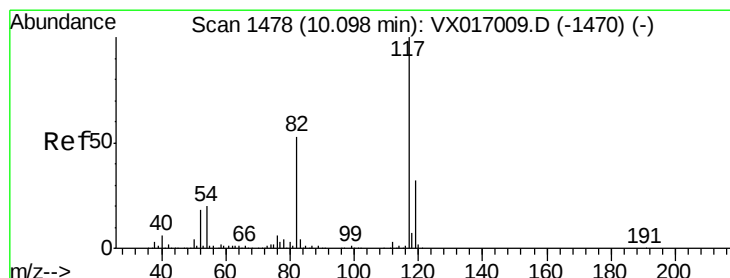
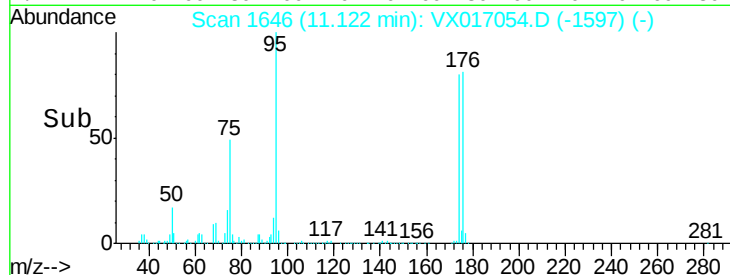
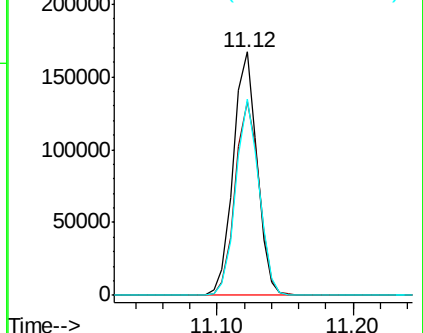
176 78.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

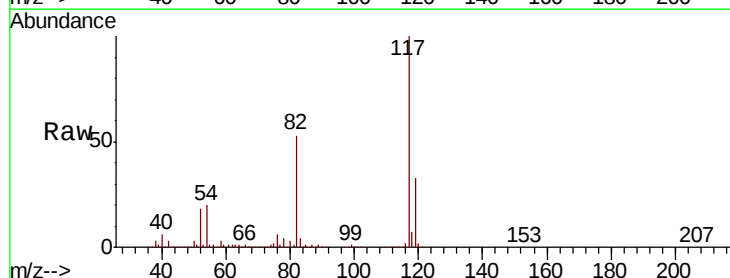
Tgt Ion: 117 Resp: 406789

Ion Ratio Lower Upper

117 100

82 53.0 42.6 63.8

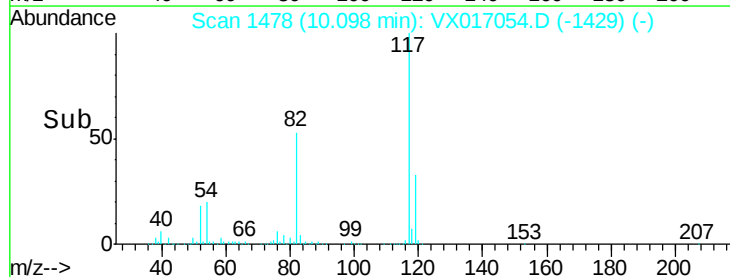
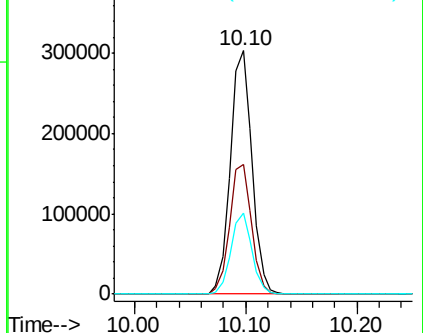
119 33.3 25.4 38.2

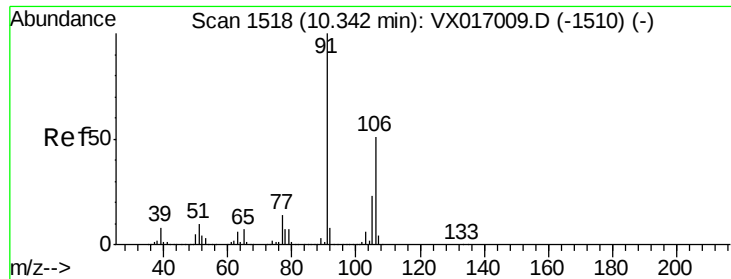


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xvlenes

Concen: 0.366 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

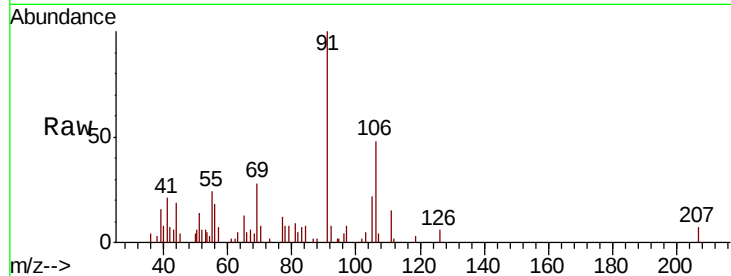
DUP-1

Tot Ion:106 Resp: 1968

Ion Ratio Lower Upper

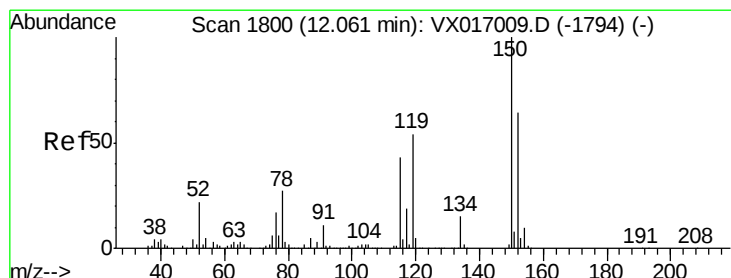
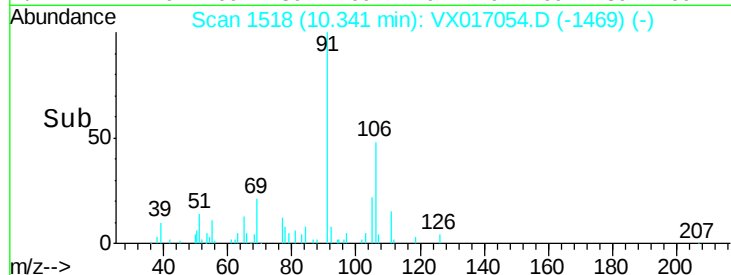
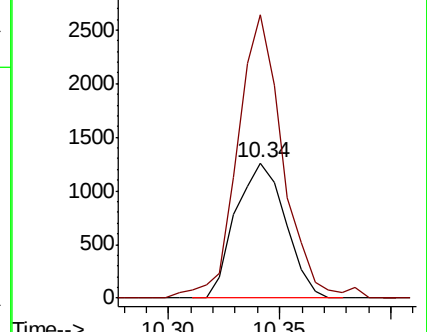
106 100

91 190.4 158.6 238.0



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: VX017054.D

Acq: 30 Jun 2020 18:41

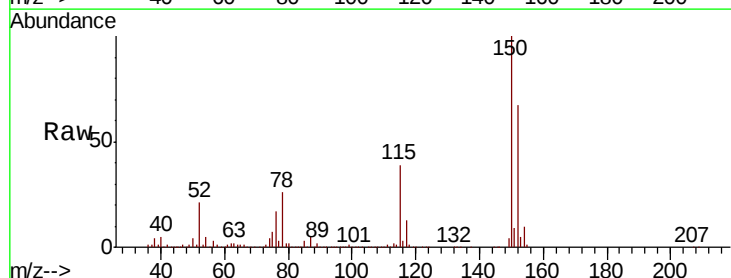
Tgt Ion:152 Resp: 219307

Ion Ratio Lower Upper

152 100

115 57.4 40.9 122.7

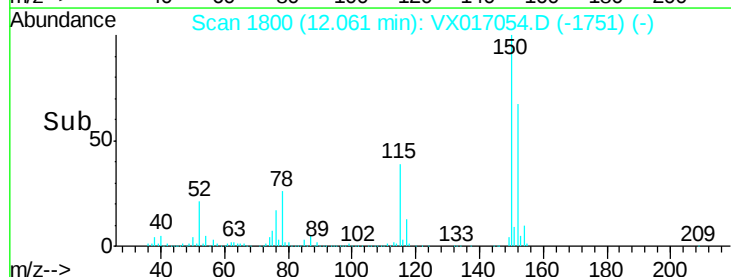
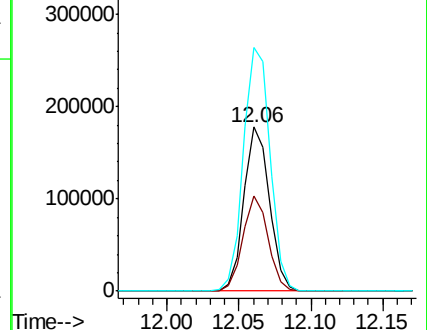
150 155.0 0.0 351.6

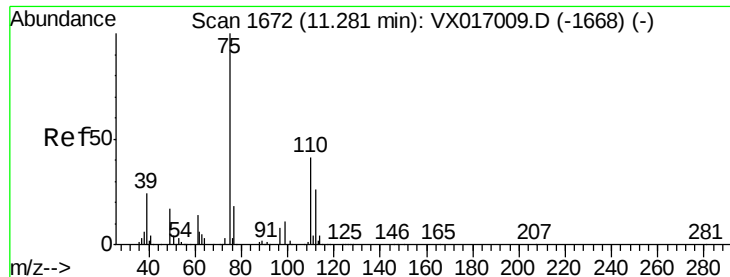


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.287 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

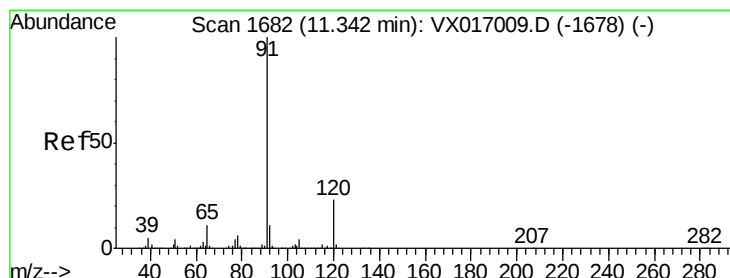
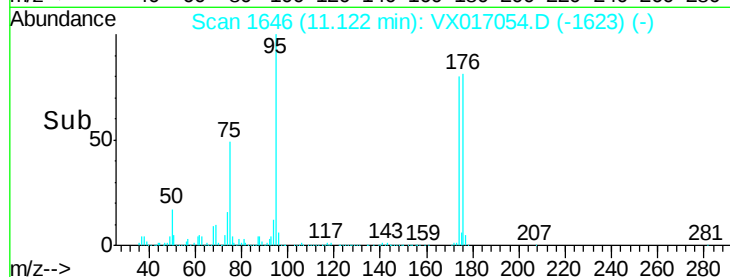
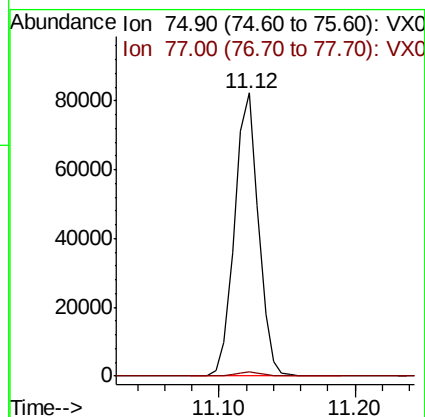
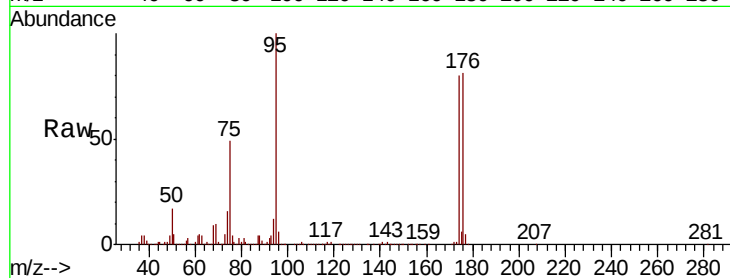
DUP-1

Tot Ion: 75 Resp: 100428

Ion Ratio Lower Upper

75 100

77 1.6 20.2 60.6#



#78

n-propylbenzene

Concen: 0.229 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017054.D

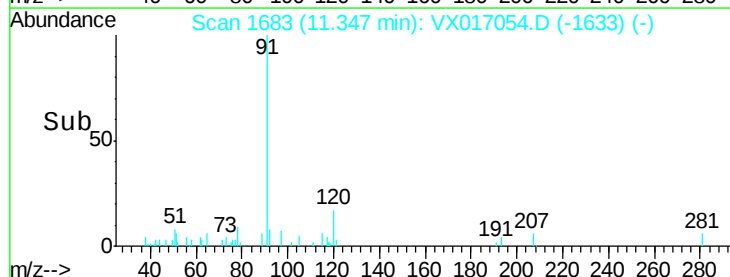
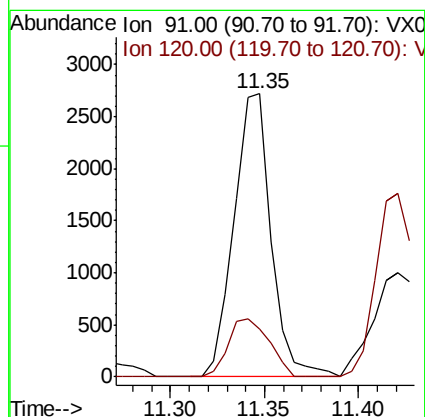
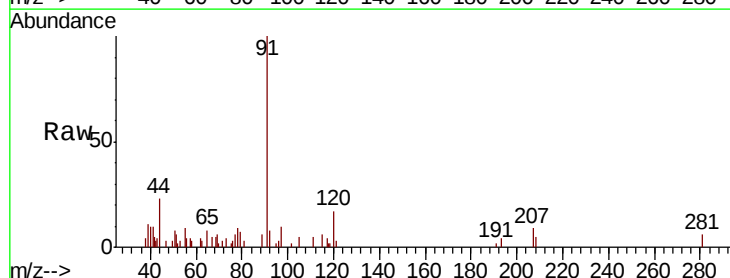
Acq: 30 Jun 2020 18:41

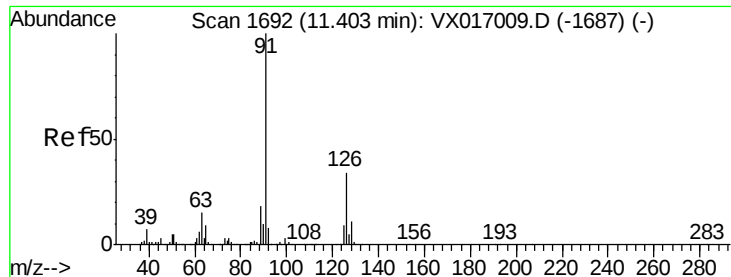
Tgt Ion: 91 Resp: 3726

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.9

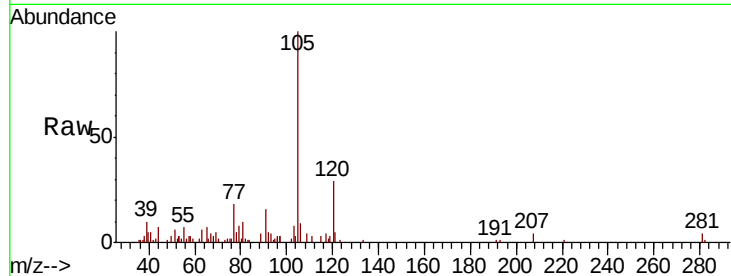




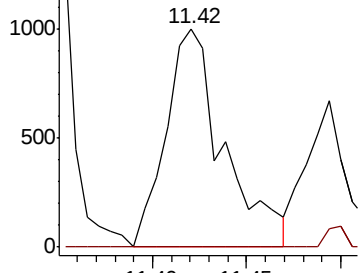
#79
2-Chlorotoluene
Concen: 0.215 ug/l
RT: 11.42 min Scan# 1695
Delta R.T. 0.02 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

Instrument :
MSVOA_X
ClientSampled :
DUP-1

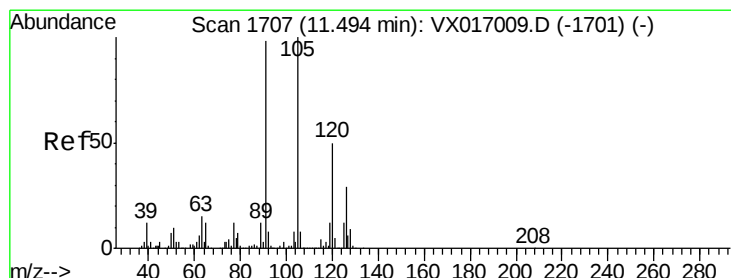
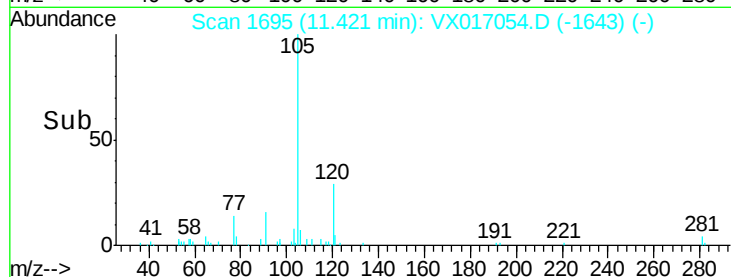
Tot Ion: 91 Resp: 2117
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)
Ion 125.90 (125.60 to 126.60): VX017009.D (-1687) (-)

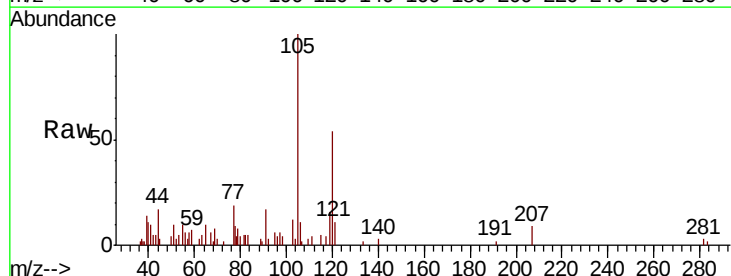


Time-->

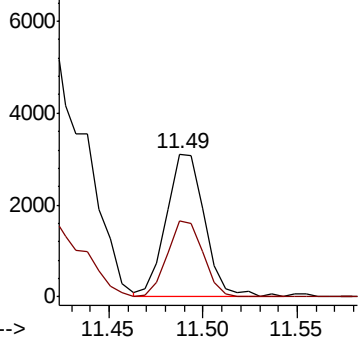


#80
1,3,5-Trimethylbenzene
Concen: 0.371 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

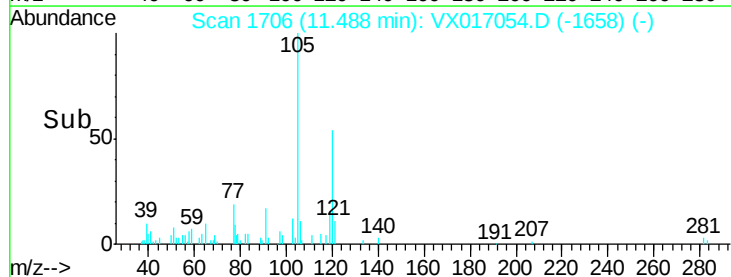
Tgt Ion: 105 Resp: 4423
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.6

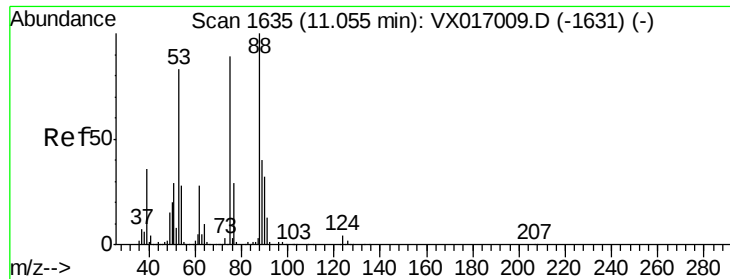


Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)
Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 60.306 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

DUP-1

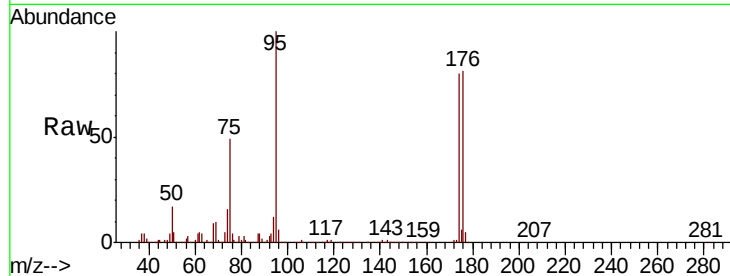
Tot Ion: 75 Resp: 100428

Ion Ratio Lower Upper

75 100

53 1.6 72.4 108.6#

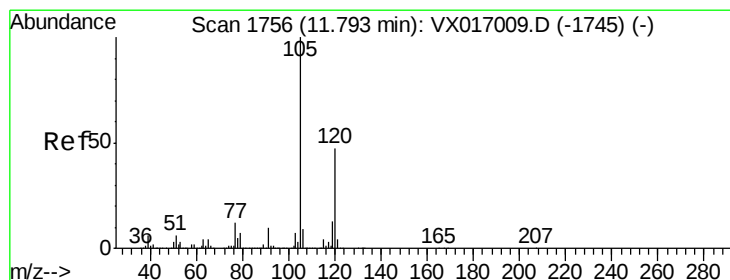
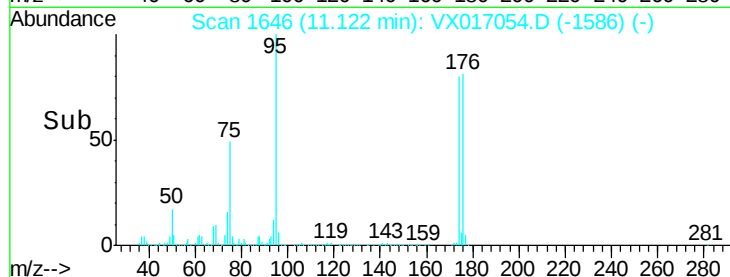
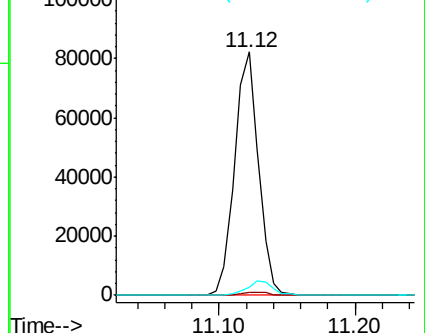
89 6.4 37.0 55.4#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.023 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017054.D

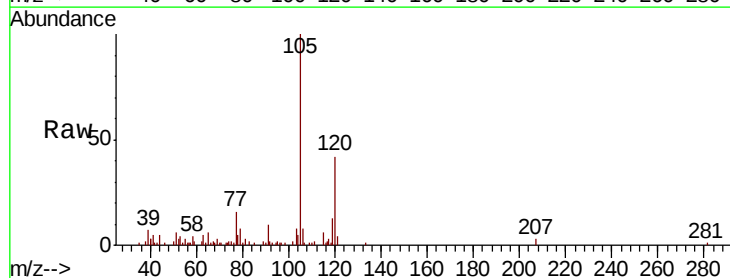
Acq: 30 Jun 2020 18:41

Tgt Ion:105 Resp: 12367

Ion Ratio Lower Upper

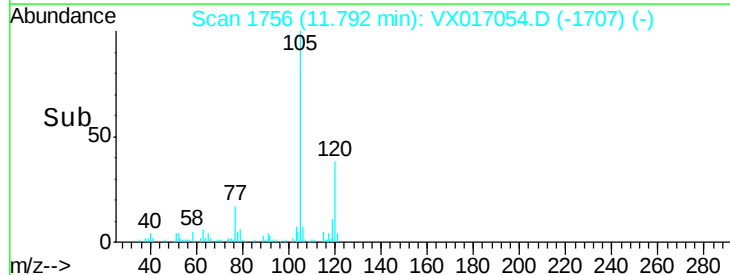
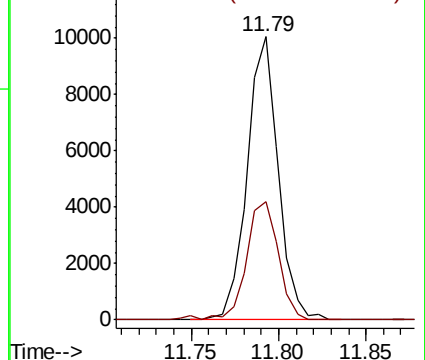
105 100

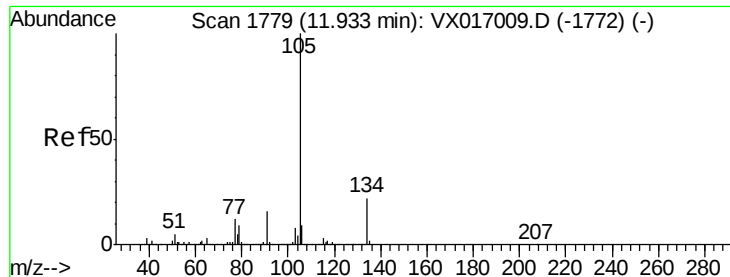
120 42.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

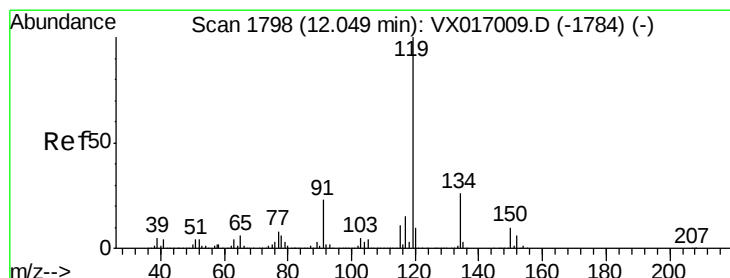
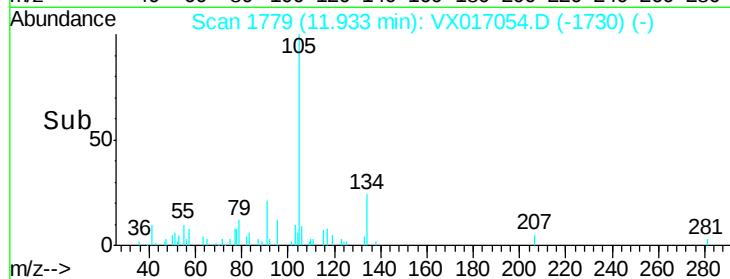
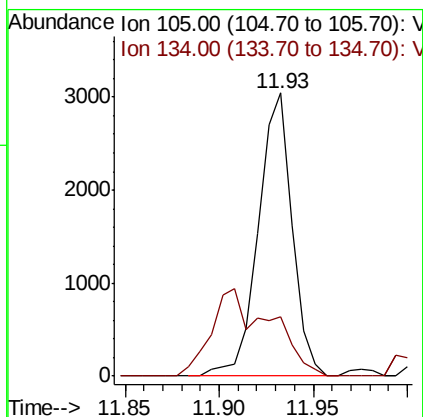
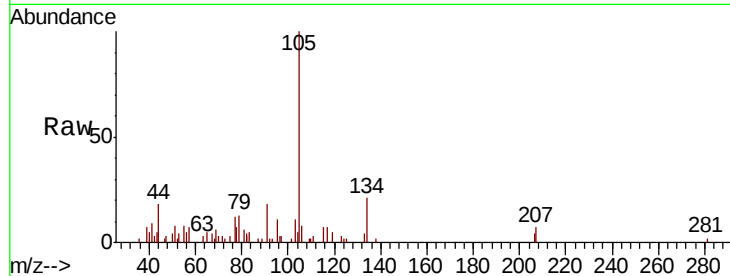




#85
 sec-Butylbenzene
 Concen: 0.275 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

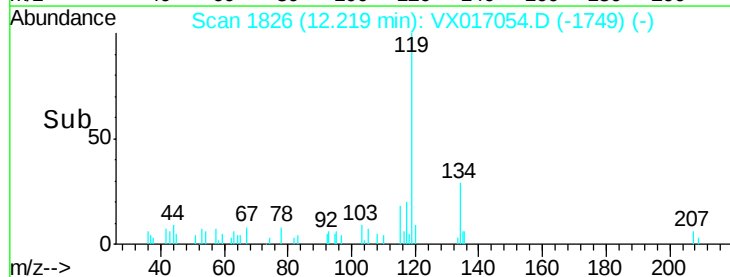
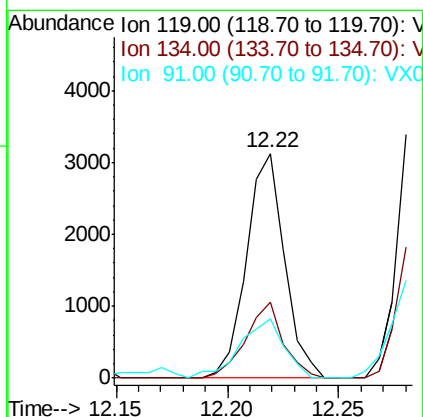
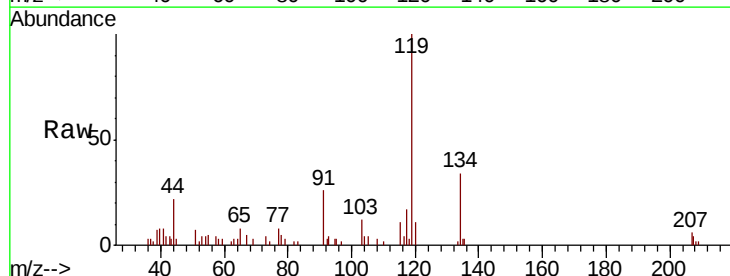
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

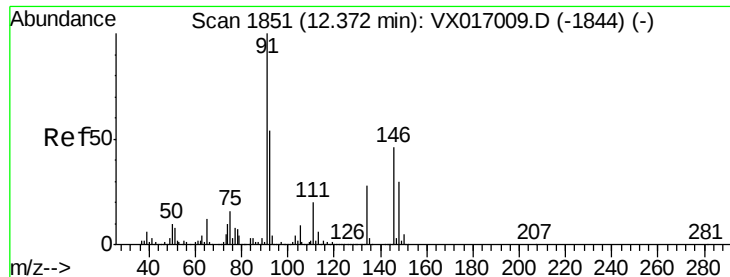
Tot Ion:105 Resp: 3782
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.6#



#86
 p-Isopropyltoluene
 Concen: 0.291 ug/l
 RT: 12.22 min Scan# 1826
 Delta R.T. 0.17 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

Tgt Ion:119 Resp: 3727
 Ion Ratio Lower Upper
 119 100
 134 33.4 13.2 39.5
 91 30.8 11.8 35.4





#89

n-Butylbenzene

Concen: 0.417 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

DUP-1

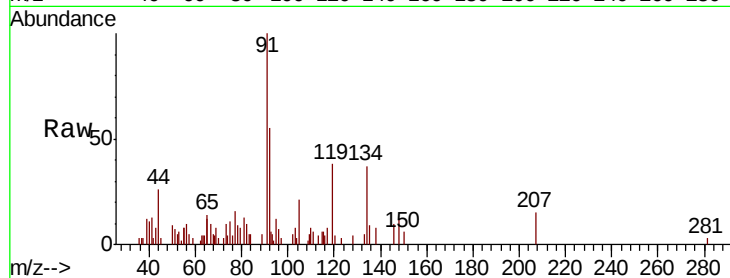
Tot Ion: 91 Resp: 4771

Ion Ratio Lower Upper

91 100

92 37.8 27.2 81.6

134 80.3 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

