

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016854.D
 Acq On : 18 Jun 2020 22:01
 Operator : JC/SP
 Sample : PB129596ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129596ZHE#14

Quant Time: Jun 19 03:03:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

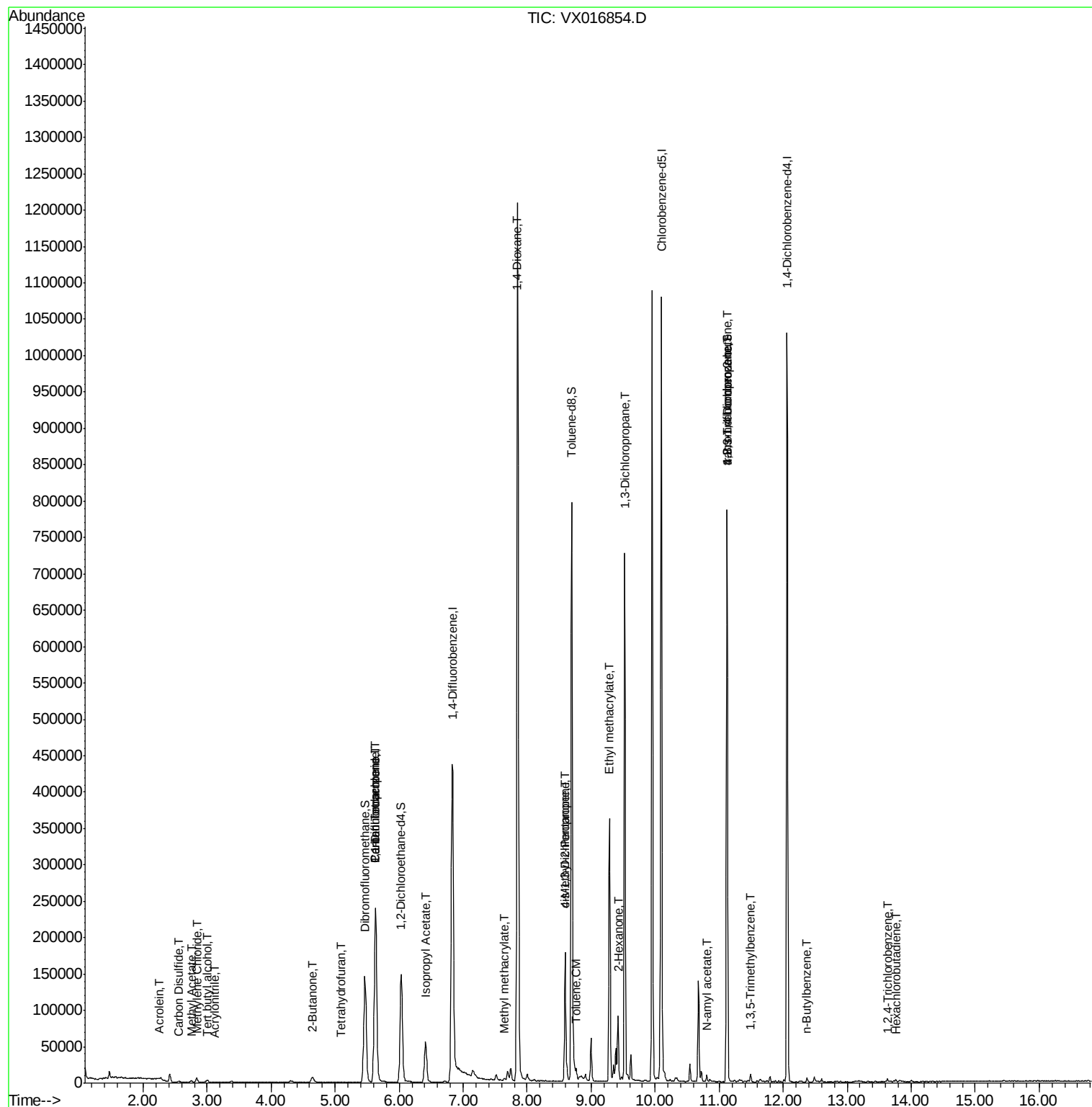
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	494048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	142711	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	5.46	113	126749	42.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.72%	
50) Toluene-d8	8.70	98	489468	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	
62) 4-Bromofluorobenzene	11.12	95	204918	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	263	Below Cal		94
5) Bromomethane	1.64	94	455	Below Cal		97
11) Tert butyl alcohol	3.01	59	2602	5.281 ug/l #		87
13) Acrolein	2.25	56	210	0.703 ug/l		93
15) Acrylonitrile	3.12	53	250	0.221 ug/l #		81
16) Acetone	2.42	43	11706	Below Cal		96
17) Carbon Disulfide	2.55	76	1717	0.257 ug/l #		83
18) Methyl Acetate	2.75	43	2679	0.996 ug/l		98
20) Methylene Chloride	2.84	84	2871	1.132 ug/l		90
25) 2-Butanone	4.64	43	7035	4.832 ug/l		89
29) Tetrahydrofuran	5.10	42	534	0.582 ug/l #		47
36) 1,1-Dichloropropene	5.63	75	16622	3.849 ug/l #		49
38) Carbon Tetrachloride	5.63	117	22842	4.714 ug/l #		16
43) Isopropyl Acetate	6.41	43	75184	11.284 ug/l		99
48) Methyl methacrylate	7.65	41	3704	1.181 ug/l #		12
49) 1,4-Dioxane	7.85	88	174	2.477 ug/l #		1
51) 4-Methyl-2-Pentanone	8.59	43	60829	15.179 ug/l #		43
52) Toluene	8.76	92	4036	0.470 ug/l		87
54) cis-1,3-Dichloropropene	8.59	75	31382	5.679 ug/l #		59
56) Ethyl methacrylate	9.29	69	981	0.209 ug/l #		1
57) 1,3-Dichloropropane	9.52	76	6559	1.192 ug/l #		44
58) 2-Chloroethyl Vinyl ether	8.29	63	230	Below Cal #		42
59) 2-Hexanone	9.42	43	57157	10.158 ug/l #		21
73) Isopropylbenzene	11.01	105	870	Below Cal		92
74) N-amyl acetate	10.80	43	3814	0.768 ug/l #		44
76) 1,2,3-Trichloropropane	11.12	75	97923	24.133 ug/l #		36
80) 1,3,5-Trimethylbenzene	11.49	105	4077	0.522 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.12	75	97923	59.436 ug/l #		14
89) n-Butylbenzene	12.37	91	1683	3.141 ug/l		98
93) 1,2,4-Trichlorobenzene	13.63	180	1154	0.251 ug/l		99
94) Hexachlorobutadiene	13.76	225	474	0.229 ug/l		85

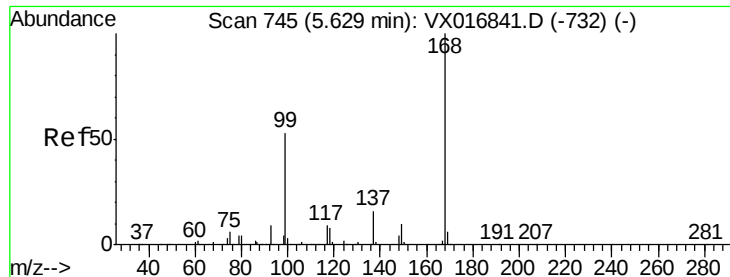
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

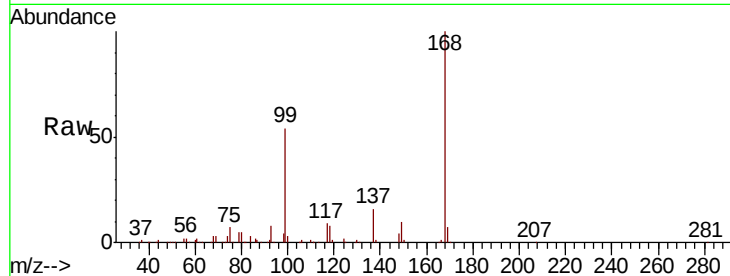
PB129596ZHE#14

Tot Ion:168 Resp: 242320

Ion Ratio Lower Upper

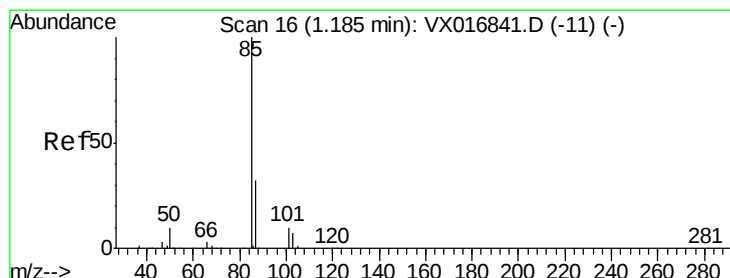
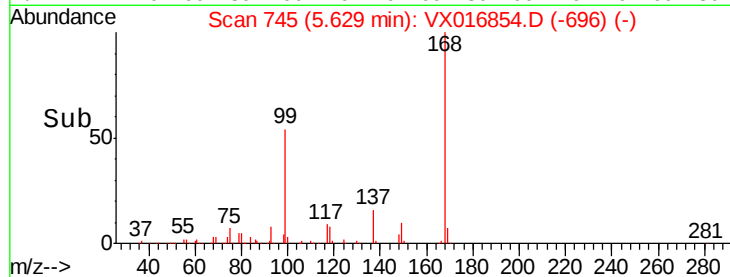
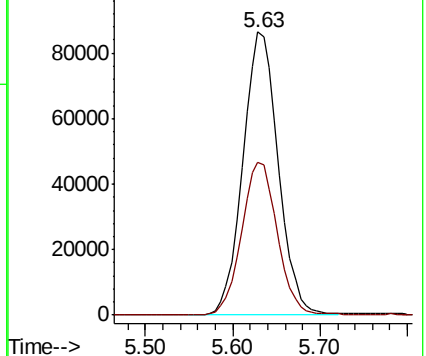
168 100

99 54.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016854.D

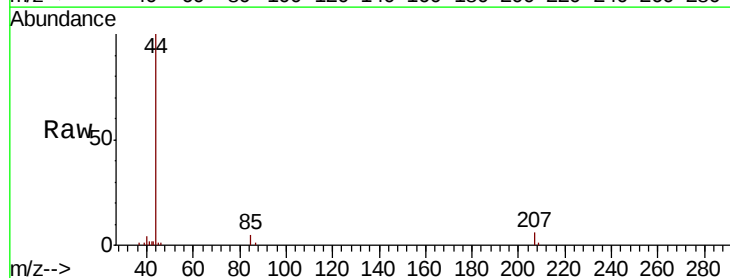
Acq: 18 Jun 2020 22:01

Tgt Ion: 85 Resp: 263

Ion Ratio Lower Upper

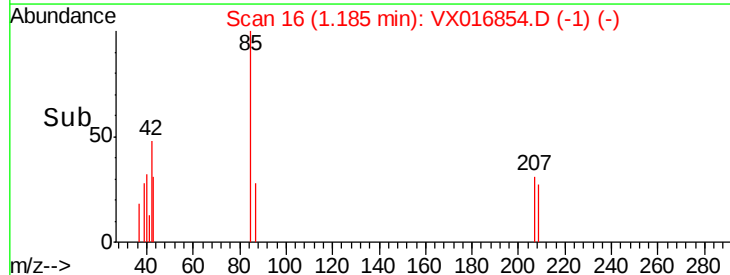
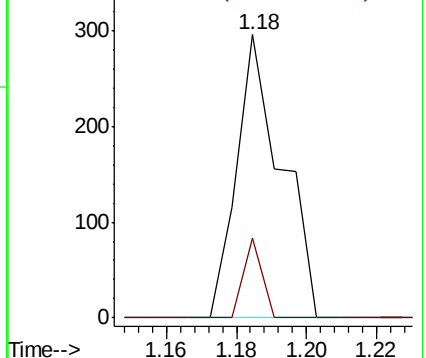
85 100

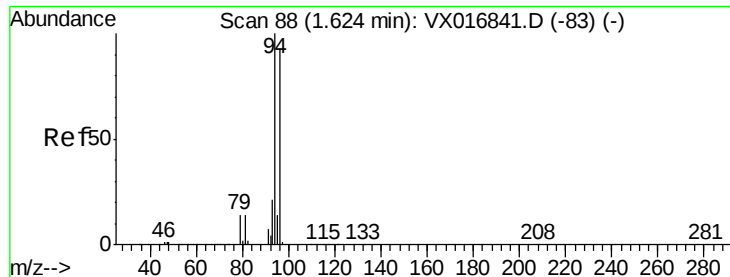
87 28.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

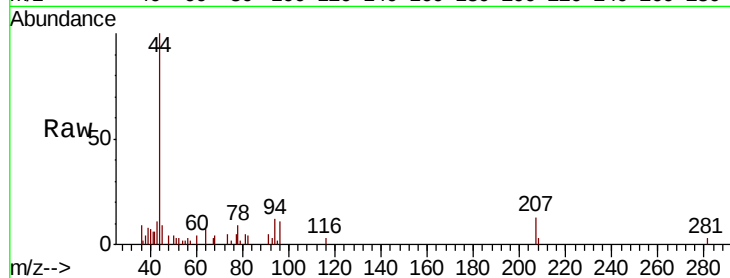
PB129596ZHE#14

Tot Ion: 94 Resp: 455

Ion Ratio Lower Upper

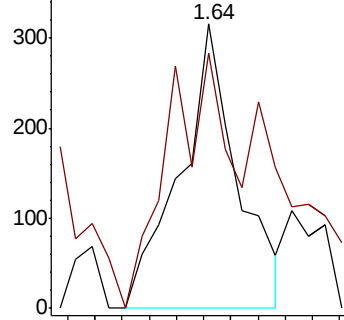
94 100

96 89.9 74.4 111.6

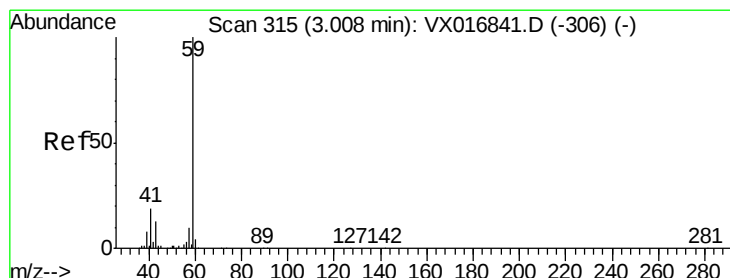
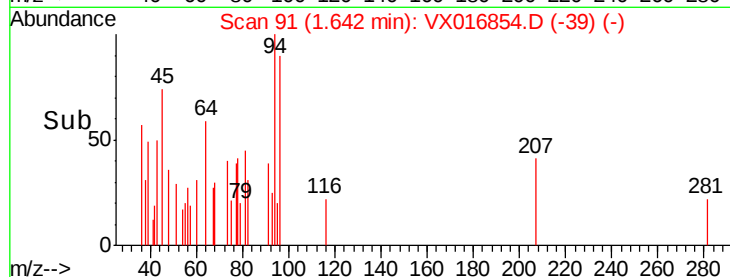


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#11

Tert butyl alcohol

Concen: 5.281 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX016854.D

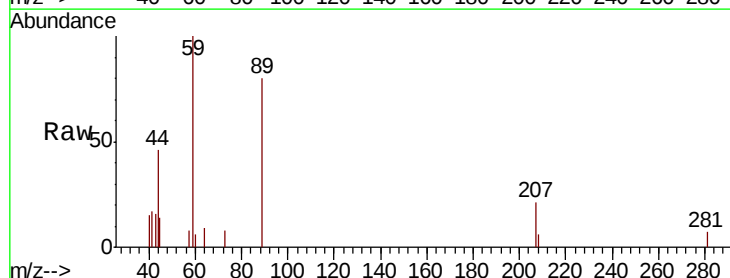
Acq: 18 Jun 2020 22:01

Tgt Ion: 59 Resp: 2602

Ion Ratio Lower Upper

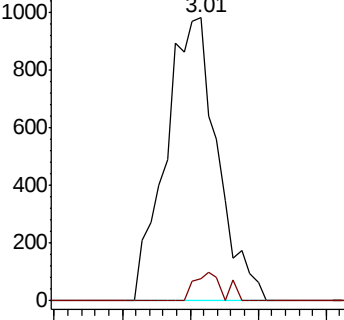
59 100

57 5.6 8.4 12.6#

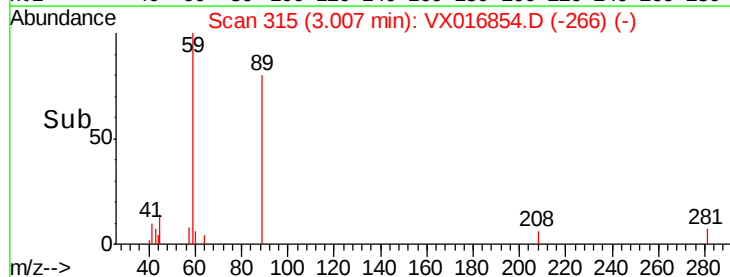


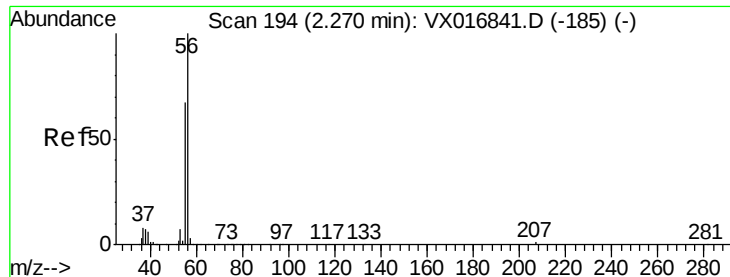
Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->





#13

Acrolein

Concen: 0.703 ug/l

RT: 2.25 min Scan# 191

Delta R.T. -0.02 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

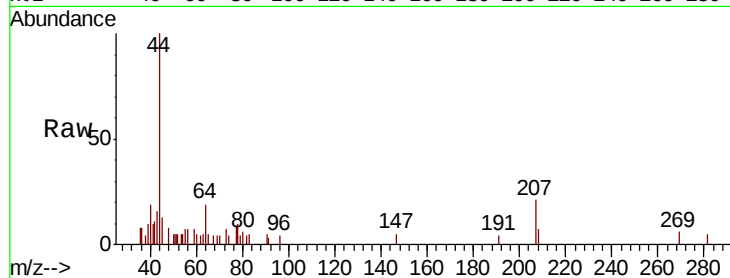
PB129596ZHE#14

Tot Ion: 56 Resp: 210

Ion Ratio Lower Upper

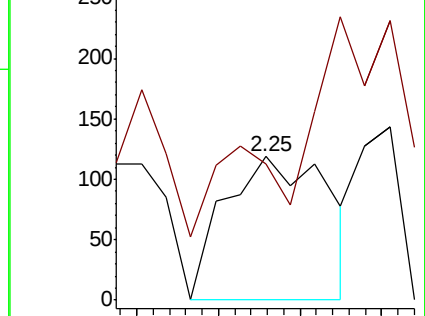
56 100

55 75.2 55.7 83.5

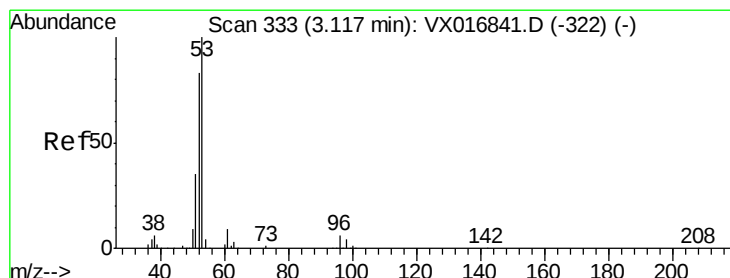
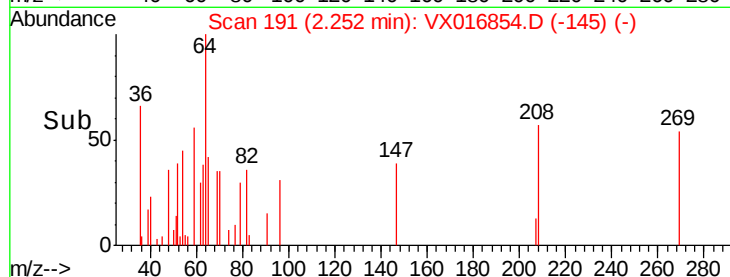


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#15

Acrylonitrile

Concen: 0.221 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

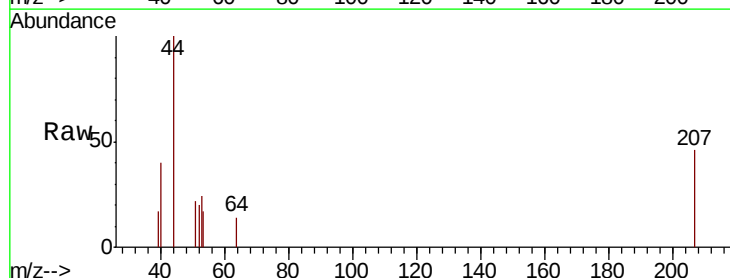
Tgt Ion: 53 Resp: 250

Ion Ratio Lower Upper

53 100

52 67.2 66.2 99.2

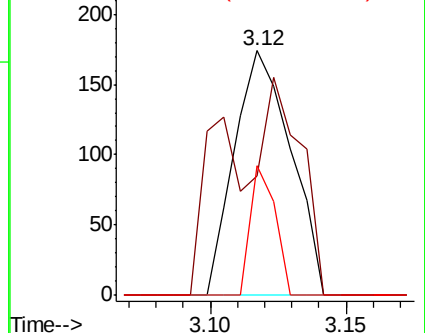
51 23.2 28.7 43.1#



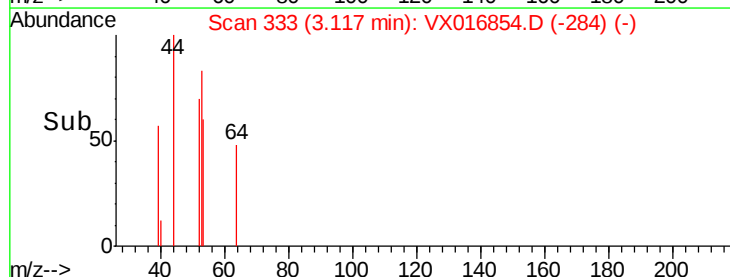
Abundance Ion 53.00 (52.70 to 53.70): VX0

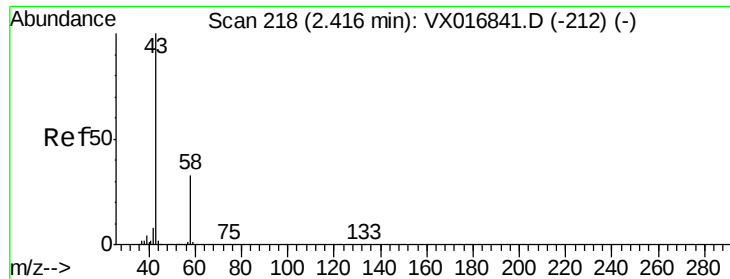
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->





#16

Acetone

Concen: Below Cal

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

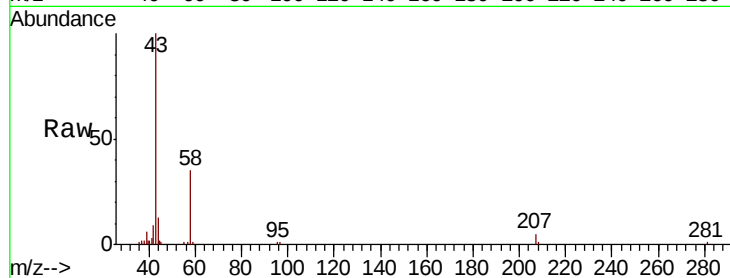
PB129596ZHE#14

Tot Ion: 43 Resp: 11706

Ion Ratio Lower Upper

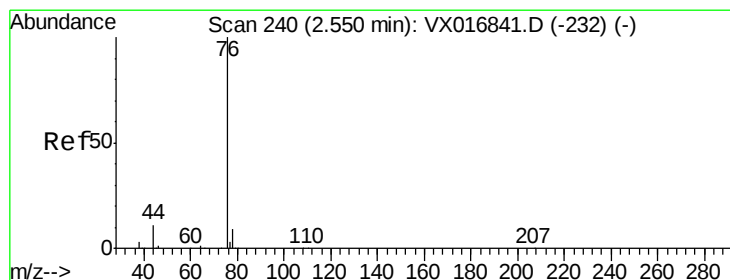
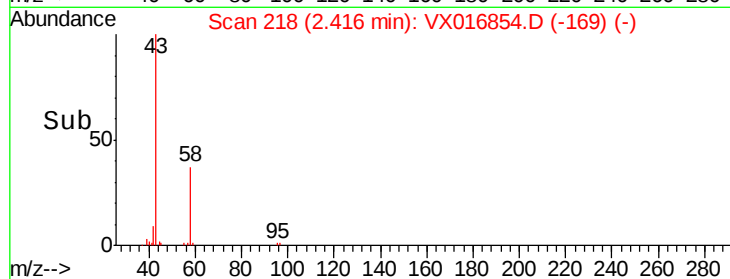
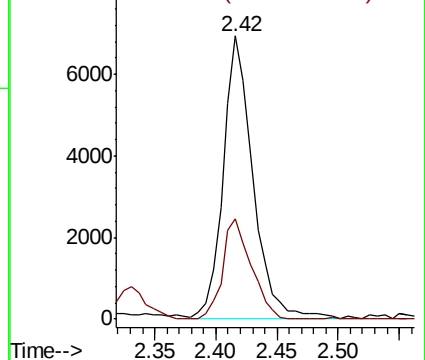
43 100

58 35.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.257 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016854.D

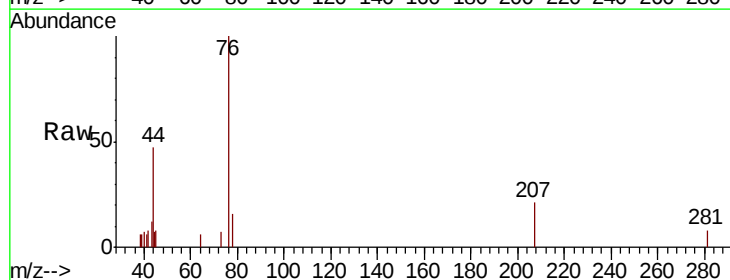
Acq: 18 Jun 2020 22:01

Tgt Ion: 76 Resp: 1717

Ion Ratio Lower Upper

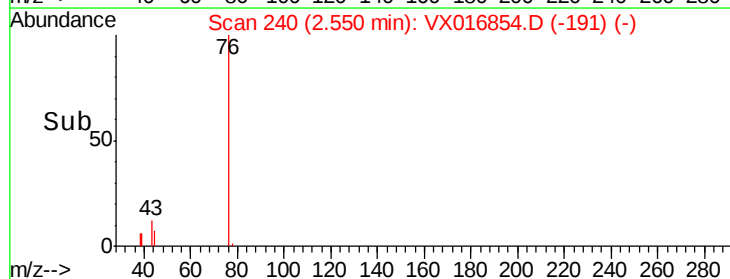
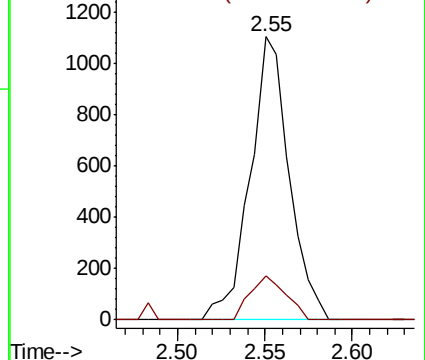
76 100

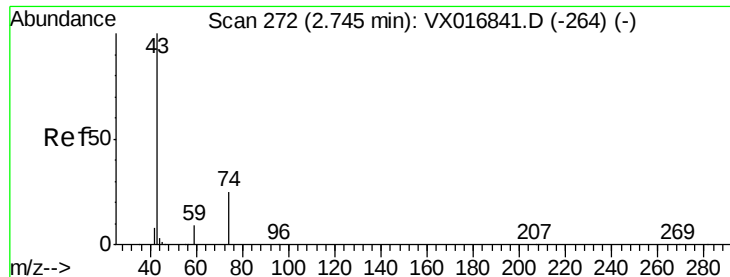
78 15.7 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

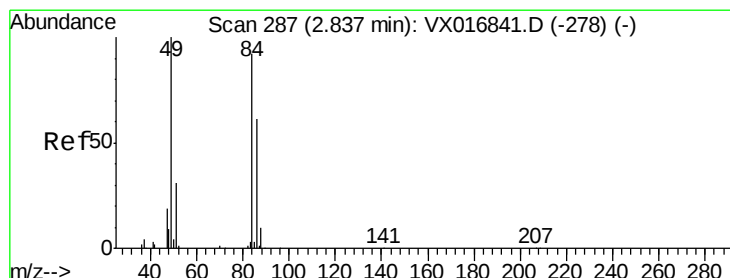
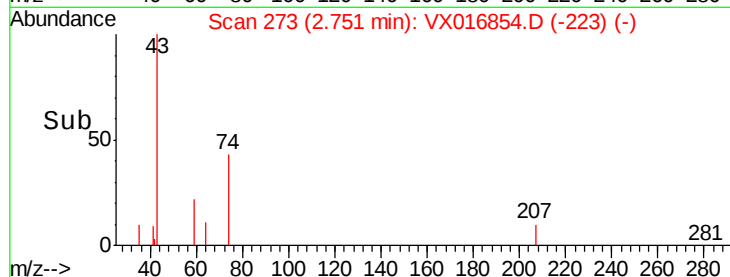
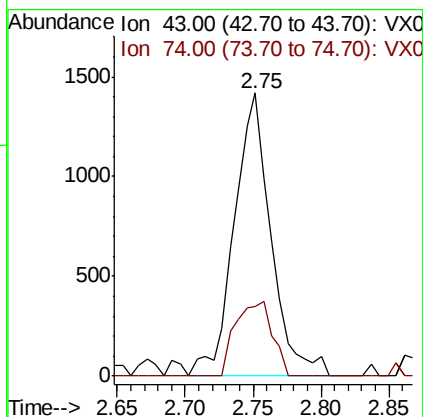
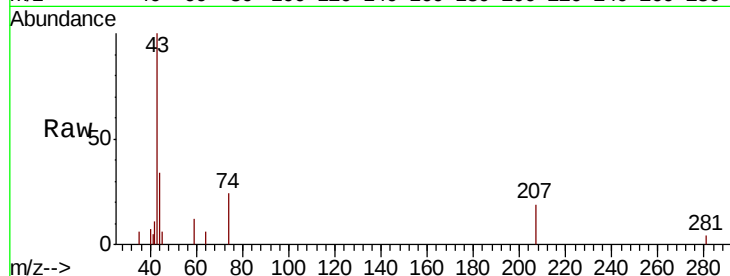




#18
Methyl Acetate
Concen: 0.996 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016854.D
Acq: 18 Jun 2020 22:01

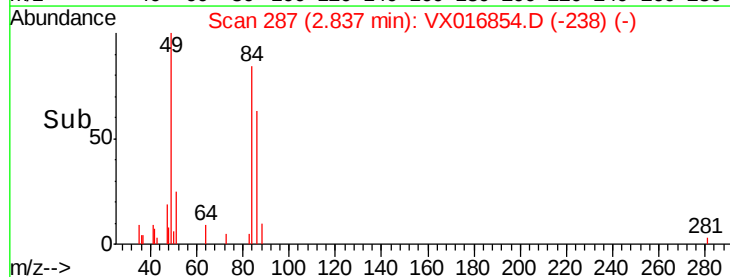
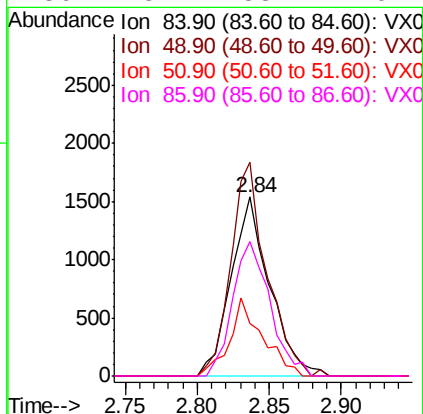
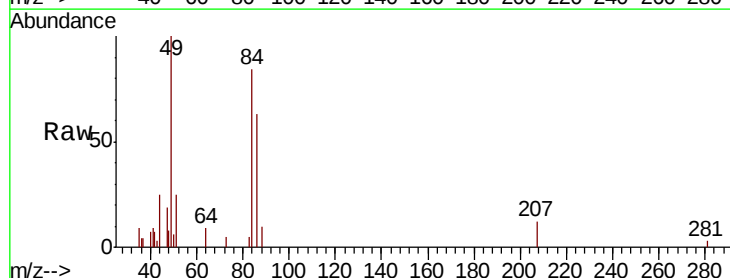
Instrument :
MSVOA_X
ClientSampleId :
PB129596ZHE#14

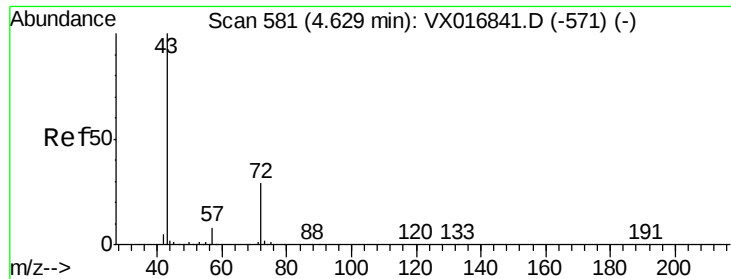
Tot Ion: 43 Resp: 2679
Ion Ratio Lower Upper
43 100
74 26.2 21.8 32.8



#20
Methylene Chloride
Concen: 1.132 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016854.D
Acq: 18 Jun 2020 22:01

Tgt Ion: 84 Resp: 2871
Ion Ratio Lower Upper
84 100
49 119.3 86.6 129.8
51 29.6 27.1 40.7
86 75.4 53.1 79.7





#25

2-Butanone

Concen: 4.832 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

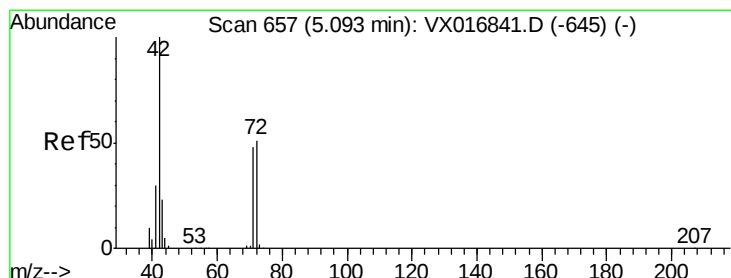
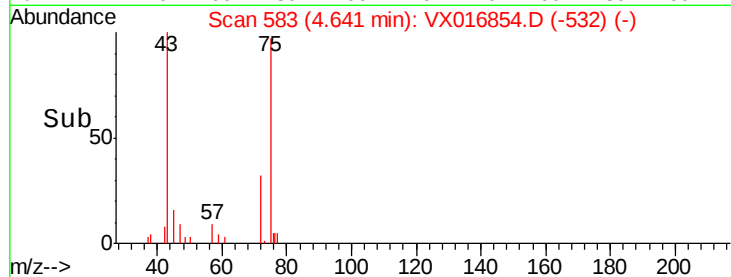
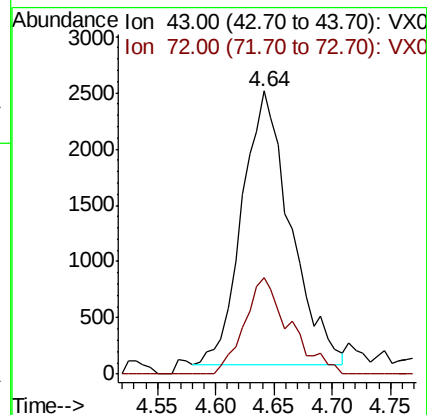
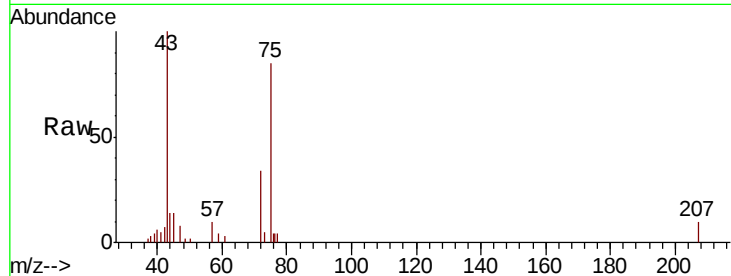
PB129596ZHE#14

Tot Ion: 43 Resp: 7035

Ion Ratio Lower Upper

43 100

72 35.2 23.5 35.3



#29

Tetrahydrofuran

Concen: 0.582 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

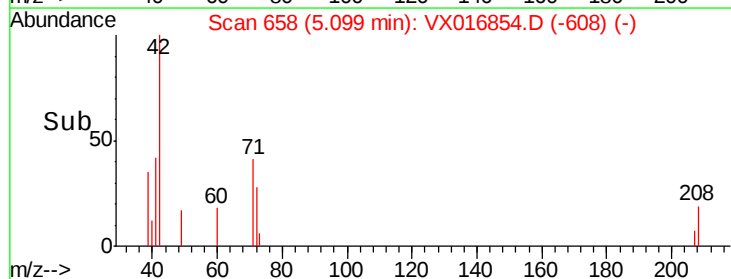
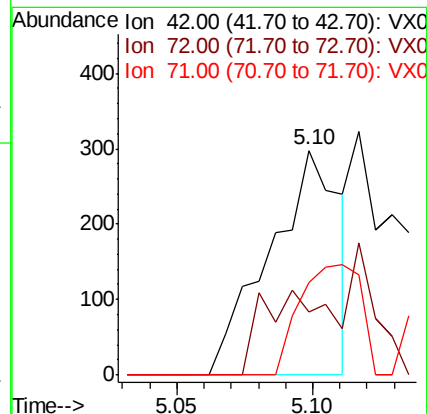
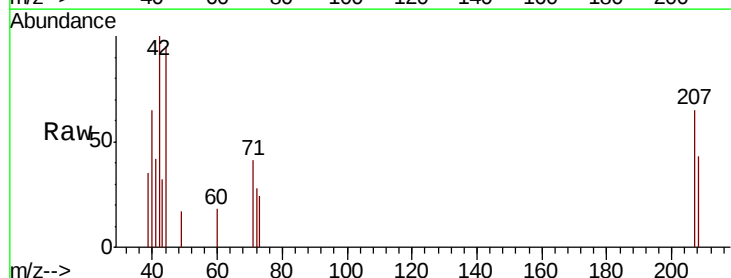
Tgt Ion: 42 Resp: 534

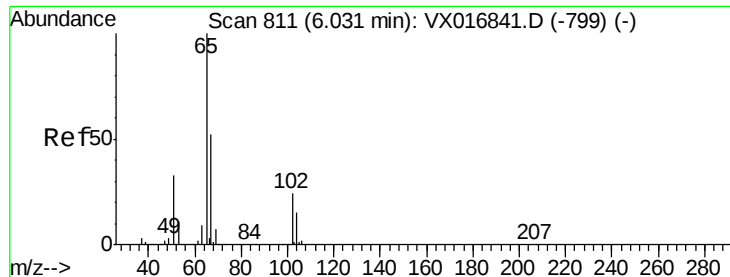
Ion Ratio Lower Upper

42 100

72 25.7 41.1 61.7#

71 0.0 38.4 57.6#





#33

1,2-Dichloroethane-d4

Concen: 48.969 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

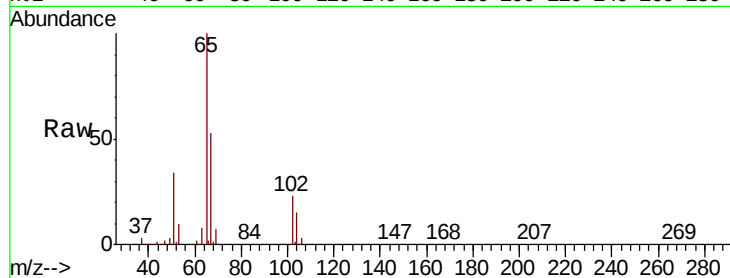
PB129596ZHE#14

Tot Ion: 65 Resp: 142711

Ion Ratio Lower Upper

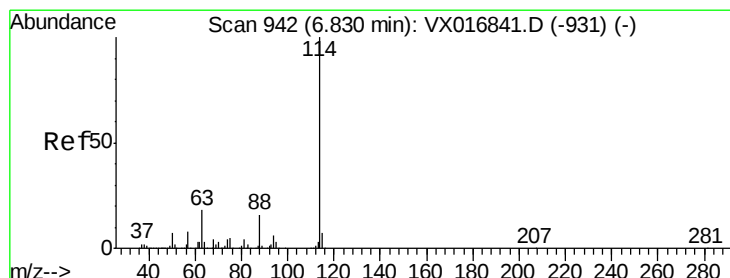
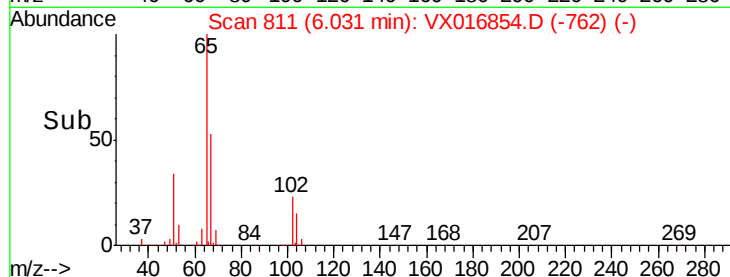
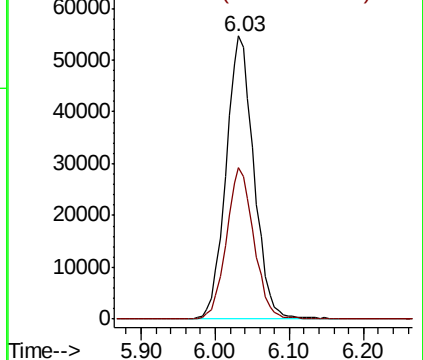
65 100

67 52.5 0.0 102.6



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

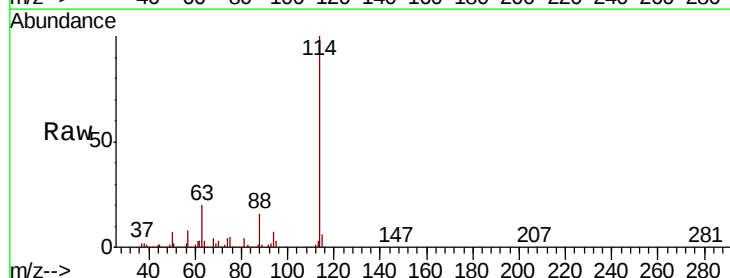
Tgt Ion: 114 Resp: 467698

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

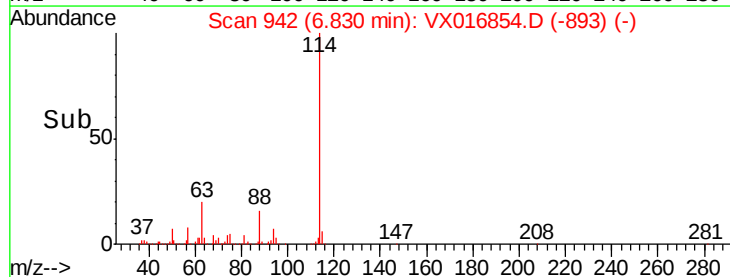
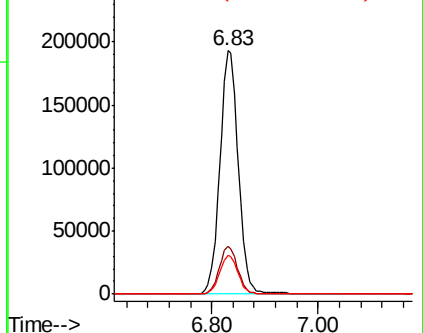
88 16.2 0.0 32.0

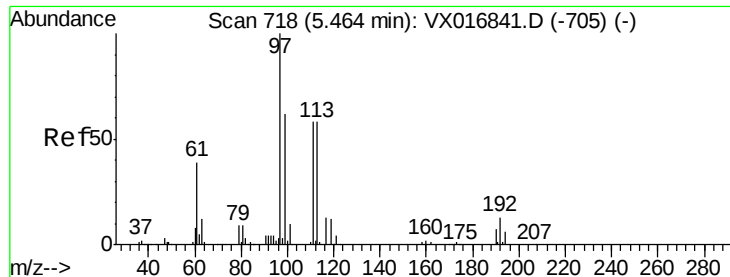


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

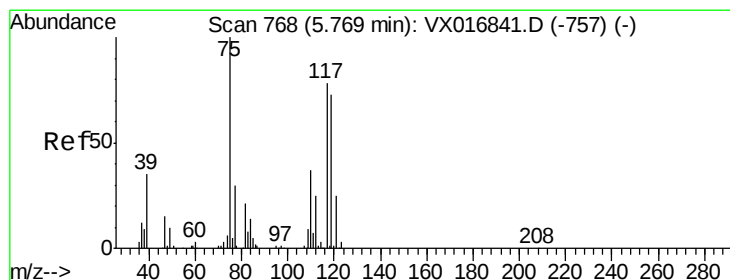
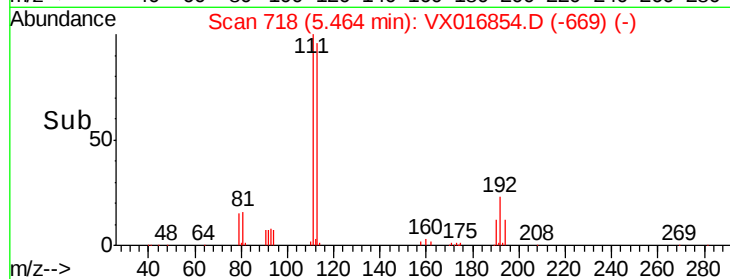
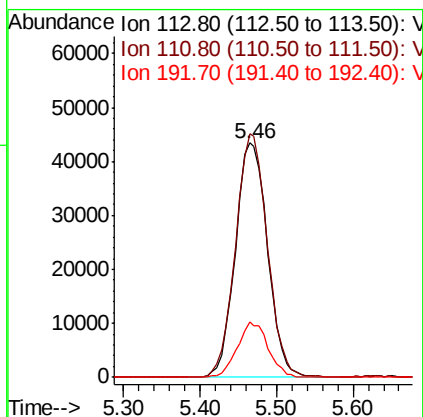
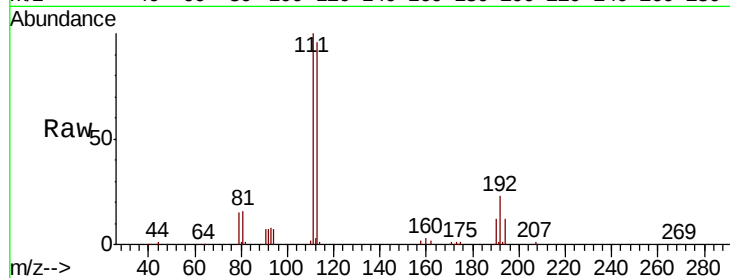




#35
 Dibromofluoromethane
 Concen: 42.365 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016854.D
 Acq: 18 Jun 2020 22:01

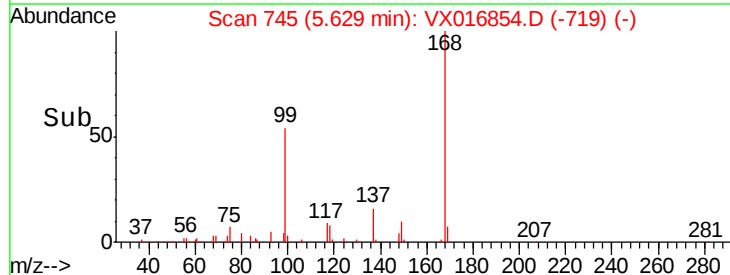
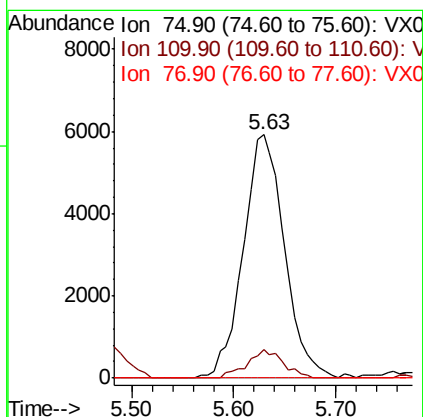
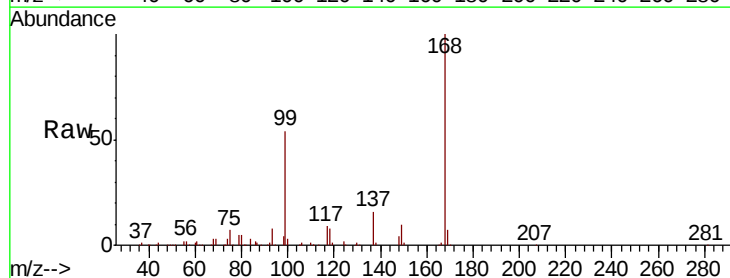
Instrument :
 MSVOA_X
 ClientSampleId :
 PB129596ZHE#14

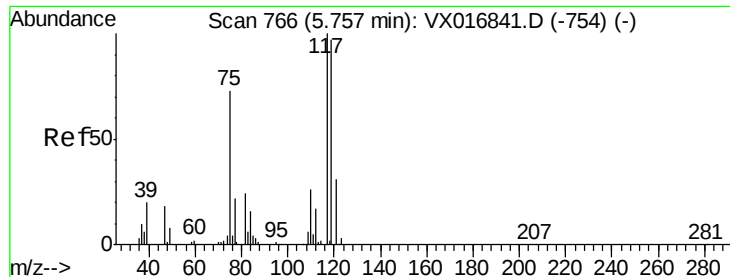
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.4
192	22.7	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 3.849 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016854.D
 Acq: 18 Jun 2020 22:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.9	56.9#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 4.714 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#14

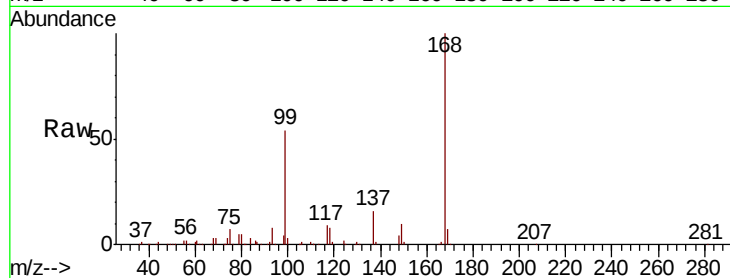
Tot Ion:117 Resp: 22842

Ion Ratio Lower Upper

117 100

119 5.9 77.4 116.2#

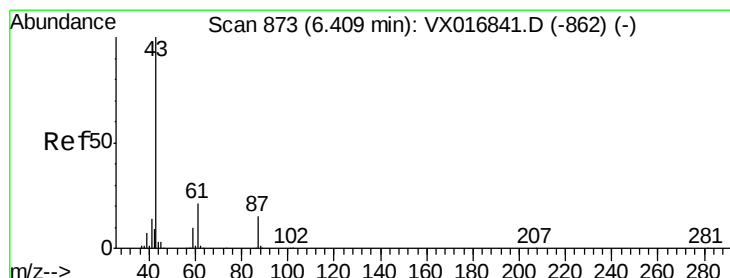
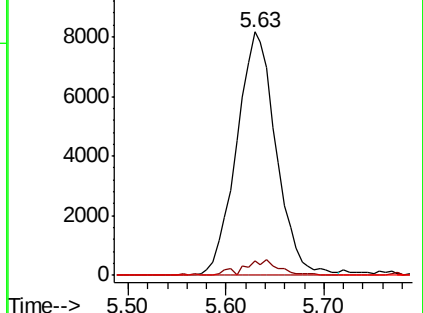
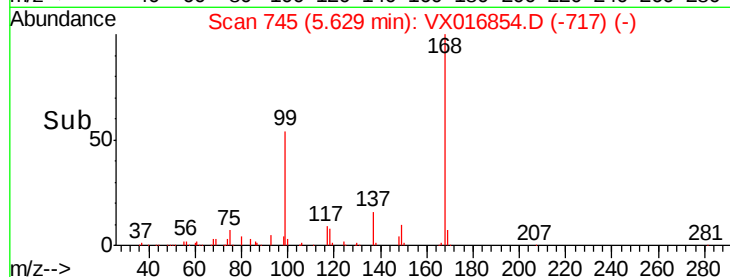
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 11.284 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

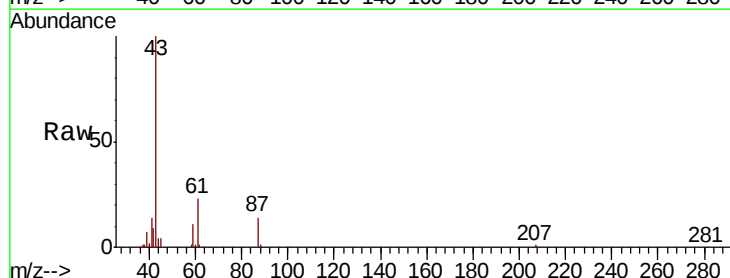
Tgt Ion: 43 Resp: 75184

Ion Ratio Lower Upper

43 100

61 22.3 17.9 26.9

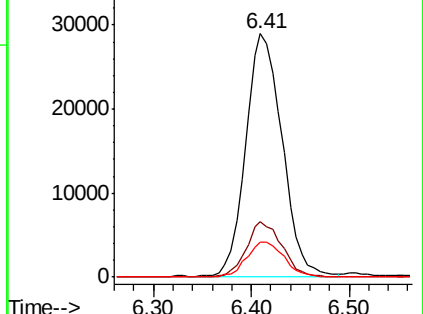
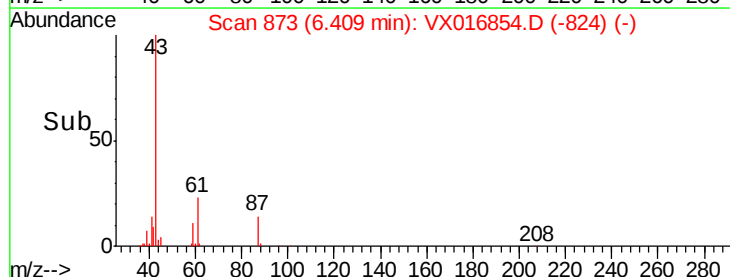
87 14.6 12.4 18.6

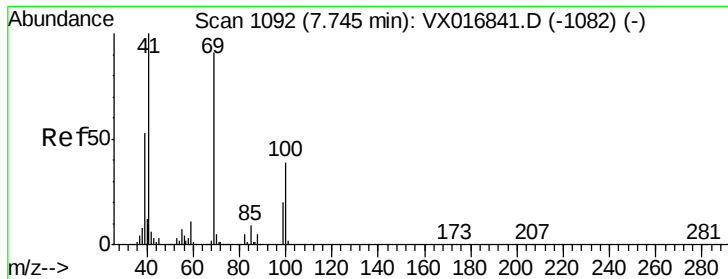


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

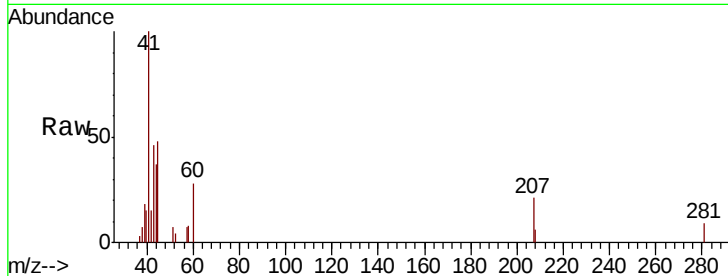




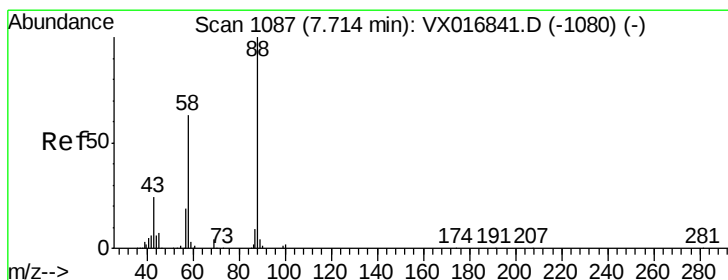
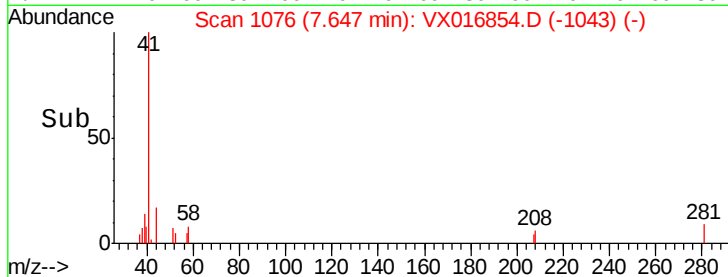
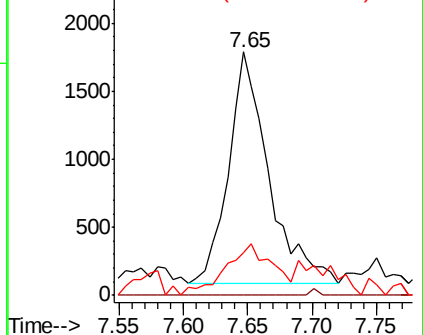
#48
Methvl methacrylate
Concen: 1.181 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.10 min
Lab File: VX016854.D
Acq: 18 Jun 2020 22:01

Instrument :
MSVOA_X
ClientSampleId :
PB129596ZHE#14

Tot Ion: 41 Resp: 3704
Ion Ratio Lower Upper
41 100
69 0.0 73.3 109.9#
39 0.0 42.4 63.6#

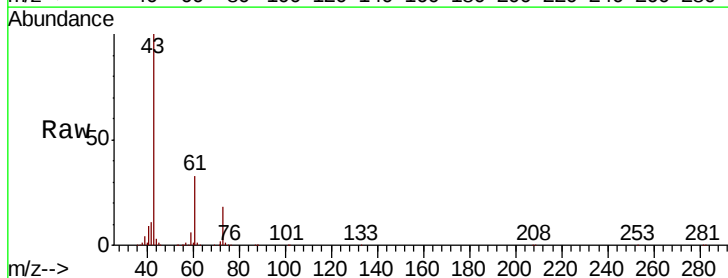


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

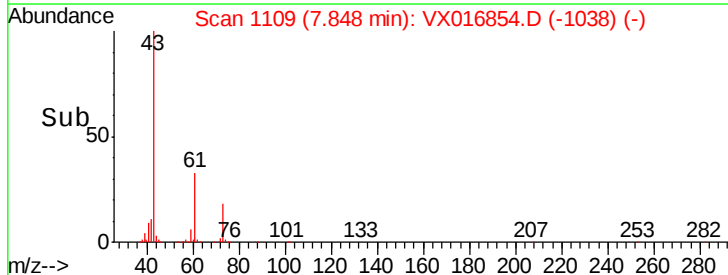
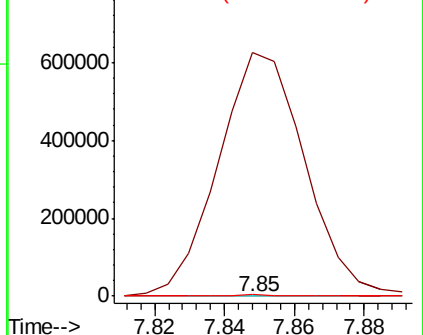


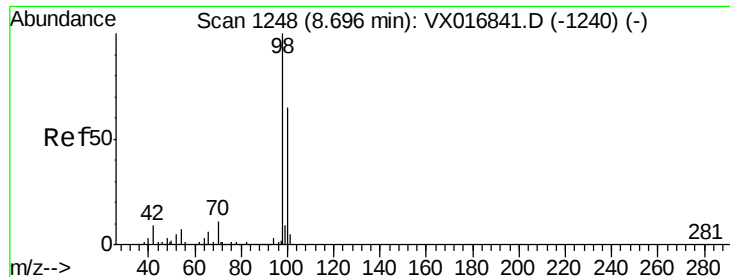
#49
1,4-Dioxane
Concen: 2.477 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.13 min
Lab File: VX016854.D
Acq: 18 Jun 2020 22:01

Tgt Ion: 88 Resp: 174
Ion Ratio Lower Upper
88 100
43 626810.9 22.7 34.1#
58 2865.5 53.1 79.7#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 40.891 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

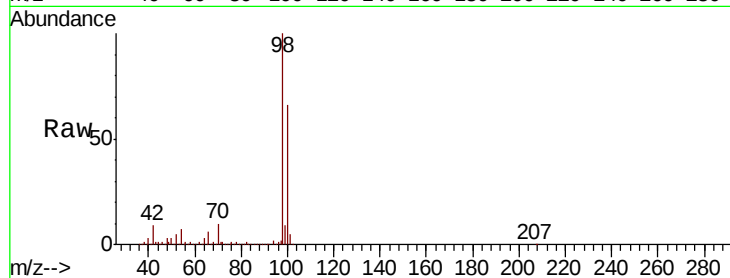
PB129596ZHE#14

Tot Ion: 98 Resp: 489468

Ion Ratio Lower Upper

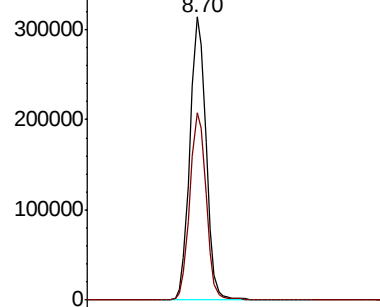
98 100

100 66.6 54.0 81.0

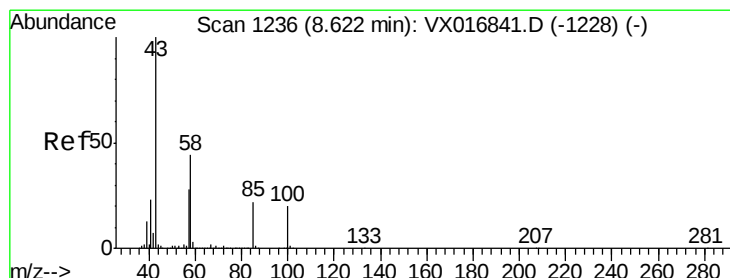
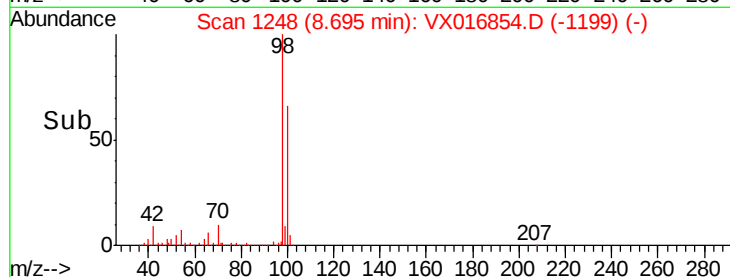


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#51

4-Methyl-2-Pentanone

Concen: 15.179 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX016854.D

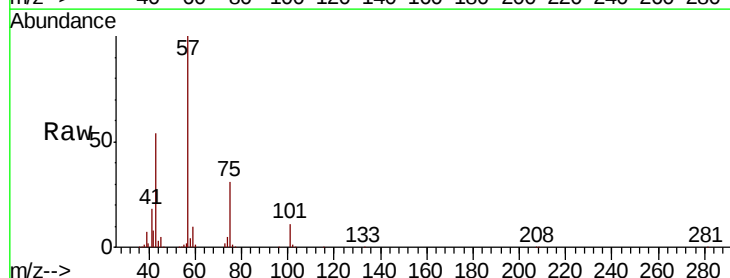
Acq: 18 Jun 2020 22:01

Tgt Ion: 43 Resp: 60829

Ion Ratio Lower Upper

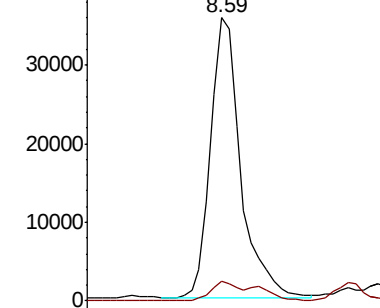
43 100

58 6.5 34.3 51.5#

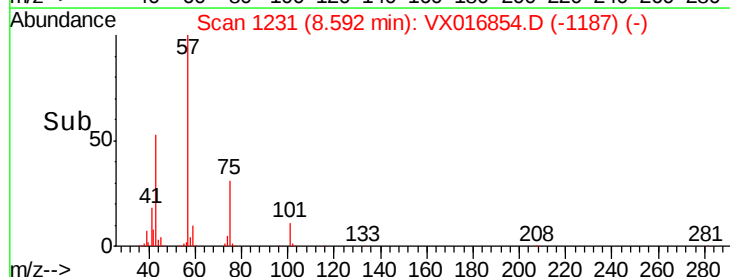


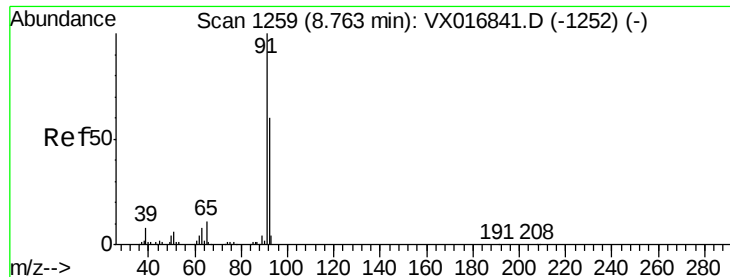
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#52

Toluene

Concen: 0.470 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

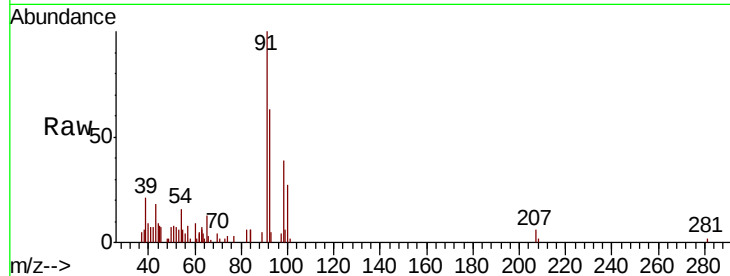
PB129596ZHE#14

Tot Ion: 92 Resp: 4036

Ion Ratio Lower Upper

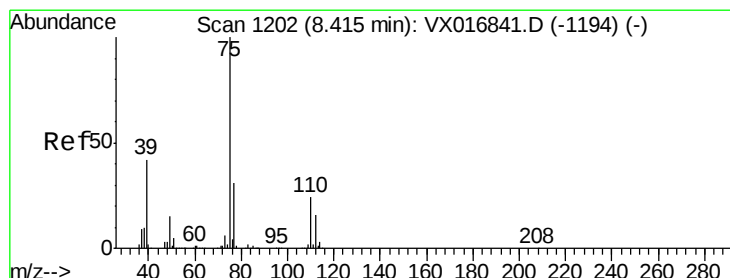
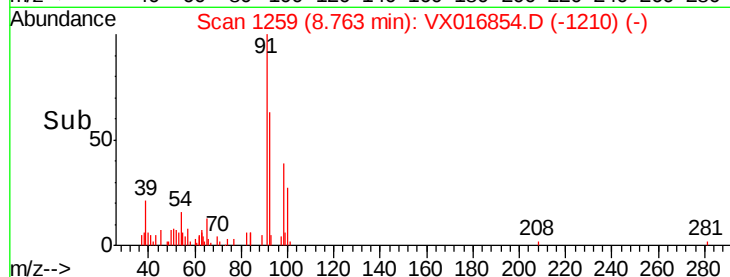
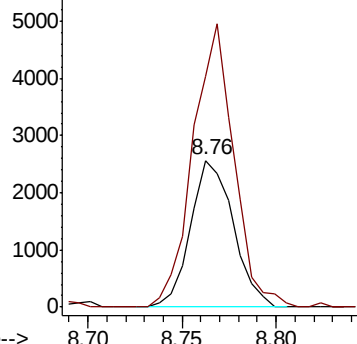
92 100

91 185.4 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 5.679 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. 0.18 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

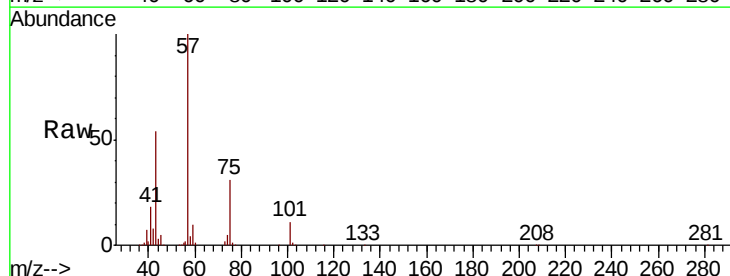
Tgt Ion: 75 Resp: 31382

Ion Ratio Lower Upper

75 100

77 0.9 24.9 37.3#

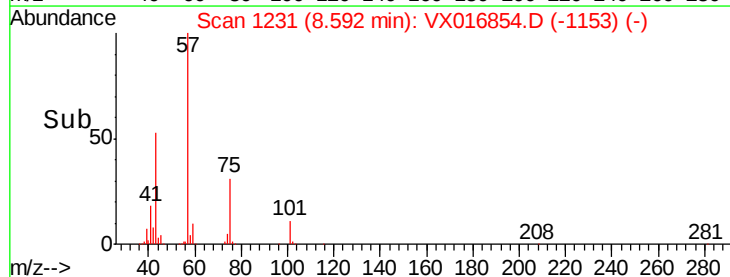
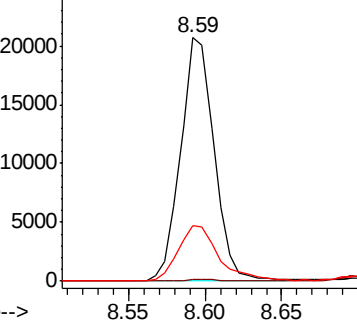
39 22.3 33.4 50.0#

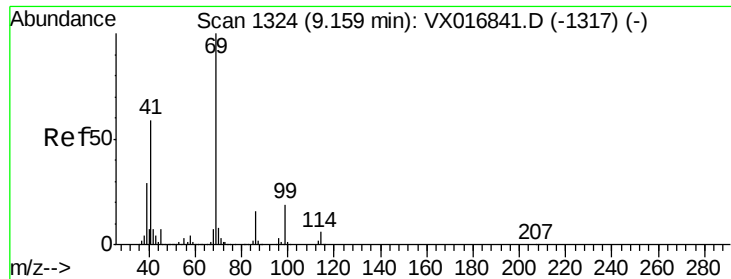


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 0.209 ug/l

RT: 9.29 min Scan# 1345

Delta R.T. 0.13 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#14

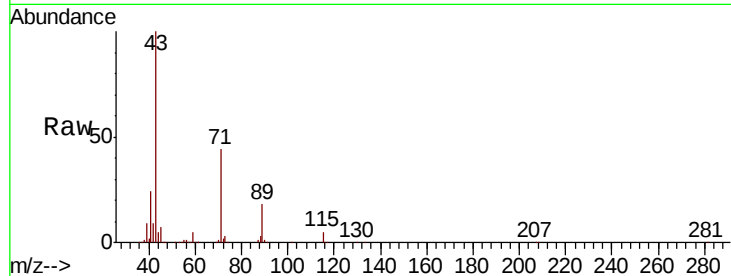
Tot Ion: 69 Resp: 981

Ion Ratio Lower Upper

69 100

41 4890.3 47.9 71.9#

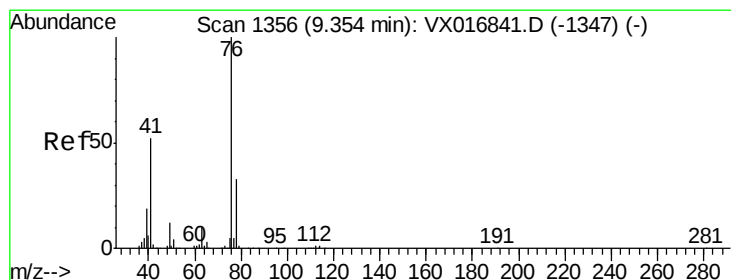
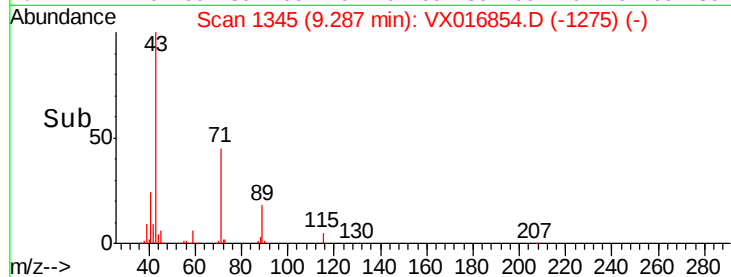
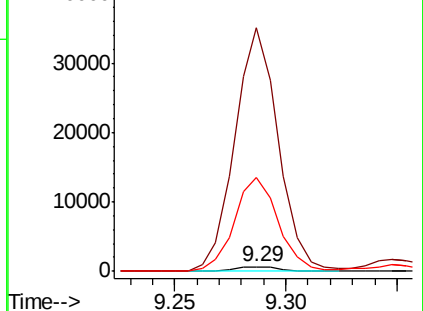
39 1898.3 24.2 36.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 1.192 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX016854.D

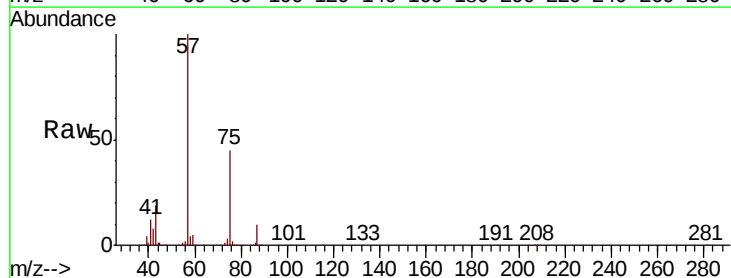
Acq: 18 Jun 2020 22:01

Tgt Ion: 76 Resp: 6559

Ion Ratio Lower Upper

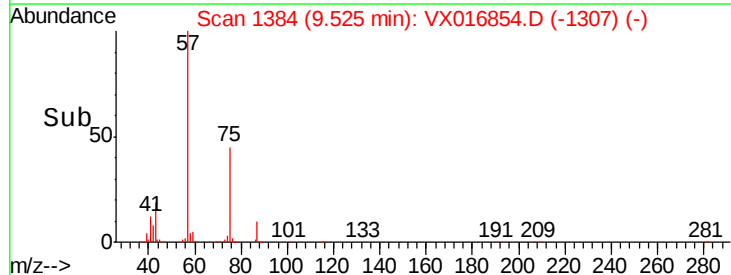
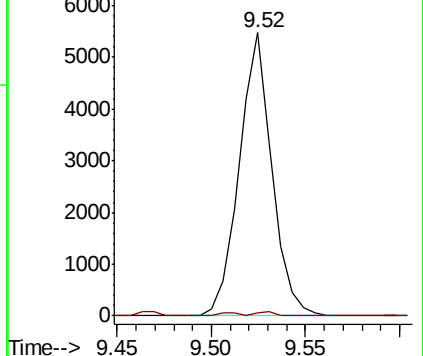
76 100

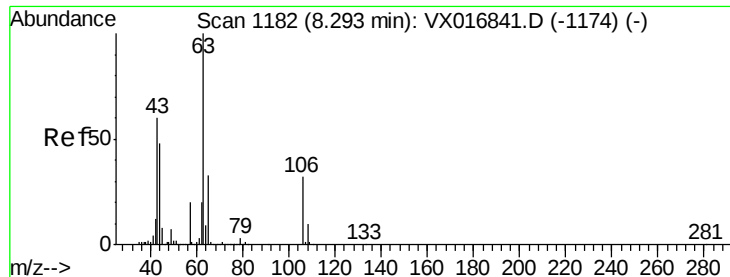
78 0.8 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

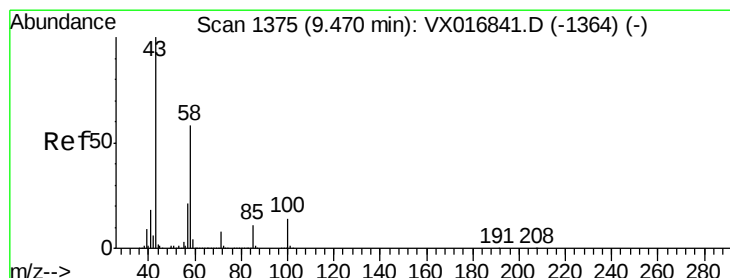
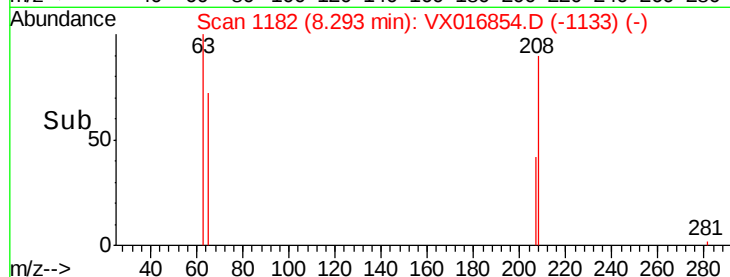
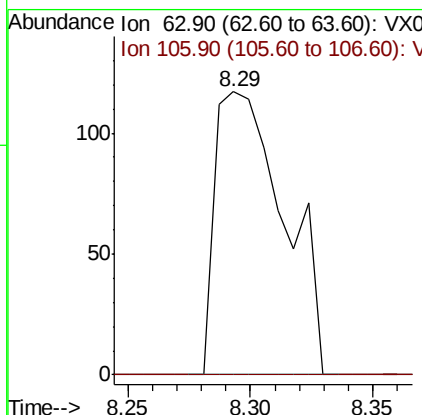
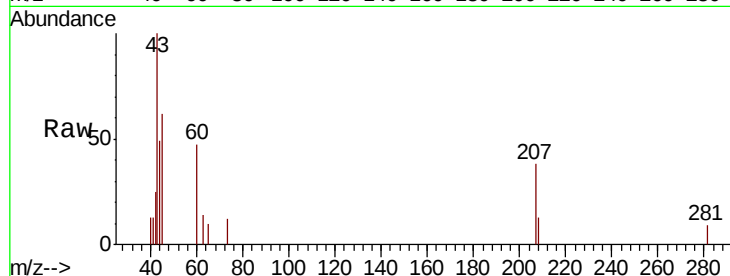




#58
 2-Chloroethyl Vinyl ether
 Concen: Below Cal
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016854.D
 Acq: 18 Jun 2020 22:01

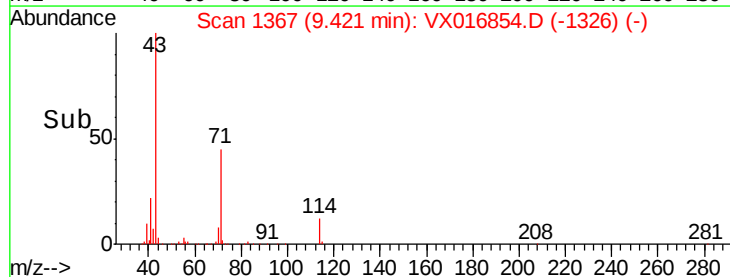
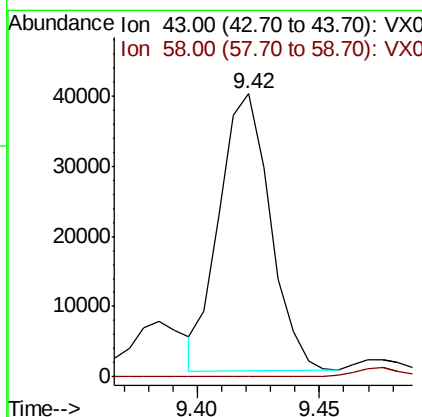
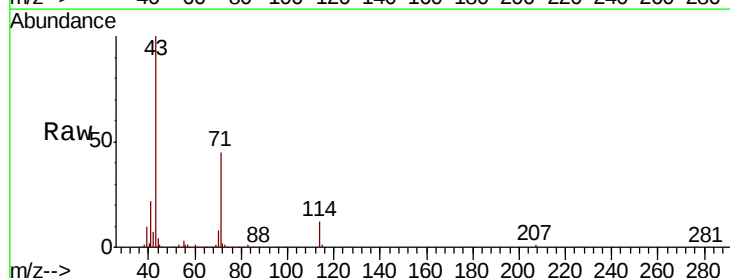
Instrument :
 MSVOA_X
 ClientSampleId :
 PB129596ZHE#14

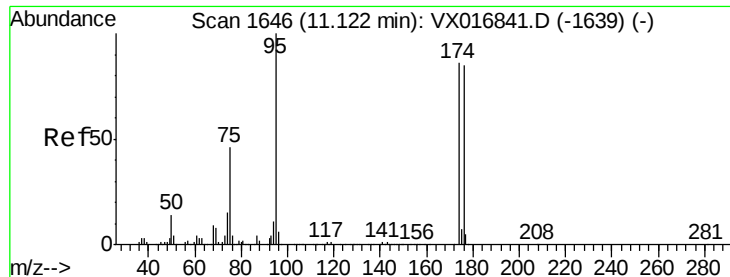
Tot Ion: 63 Resp: 230
 Ion Ratio Lower Upper
 63 100
 106 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 10.158 ug/l
 RT: 9.42 min Scan# 1367
 Delta R.T. -0.05 min
 Lab File: VX016854.D
 Acq: 18 Jun 2020 22:01

Tgt Ion: 43 Resp: 57157
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 89.4#





#62

4-Bromofluorobenzene

Concen: 44.681 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#14

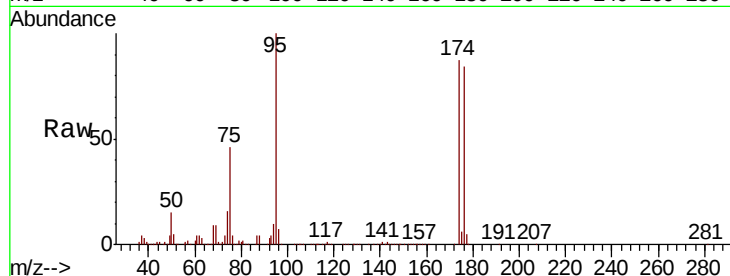
Tot Ion: 95 Resp: 204918

Ion Ratio Lower Upper

95 100

174 86.8 0.0 174.2

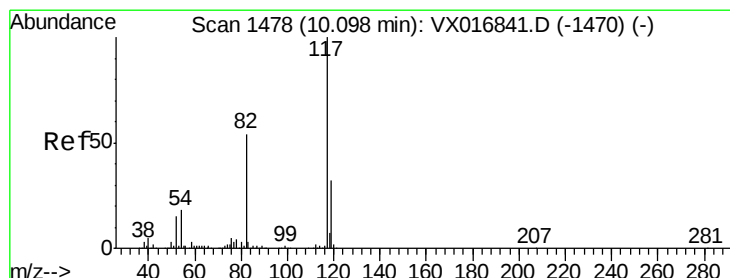
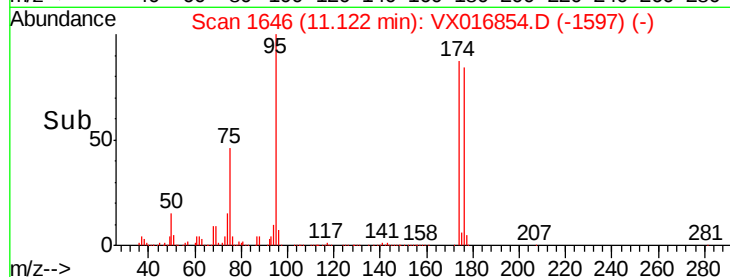
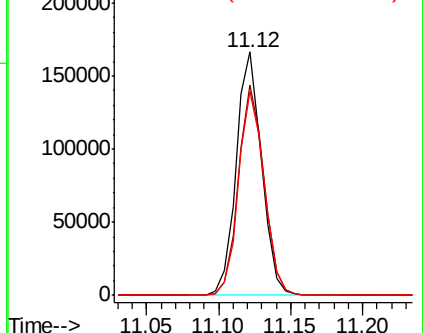
176 84.1 0.0 170.0



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: VX016854.D

Acq: 18 Jun 2020 22:01

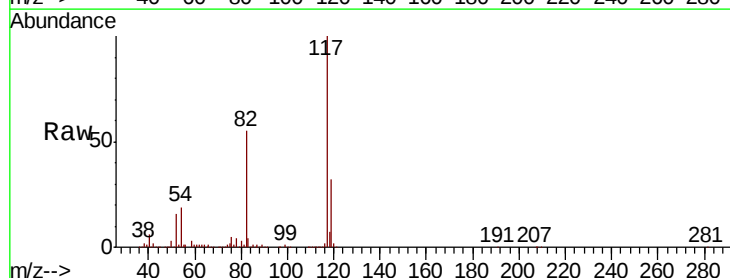
Tgt Ion: 117 Resp: 494048

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

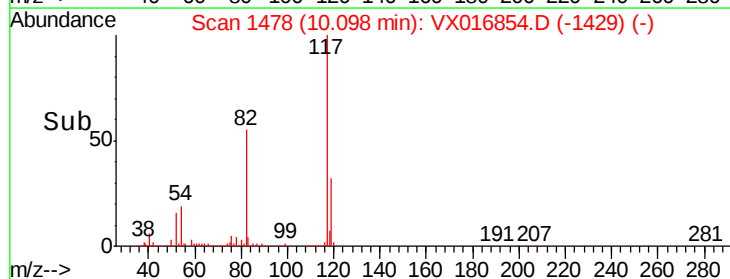
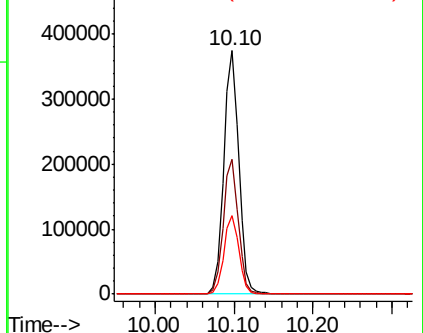
119 32.4 25.7 38.5

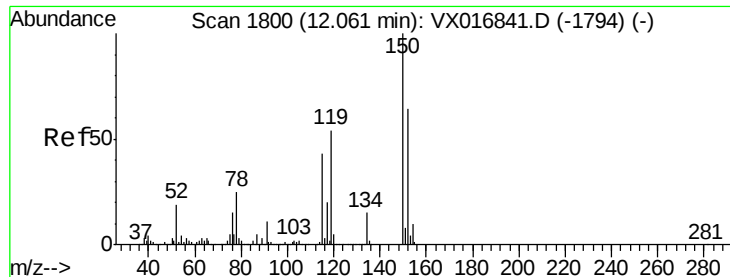


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#14

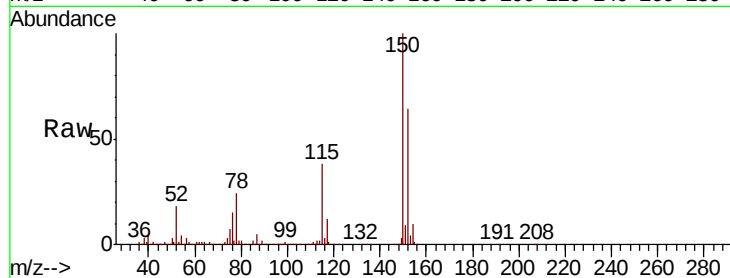
Tot Ion:152 Resp: 220913

Ion Ratio Lower Upper

152 100

115 57.7 40.9 122.8

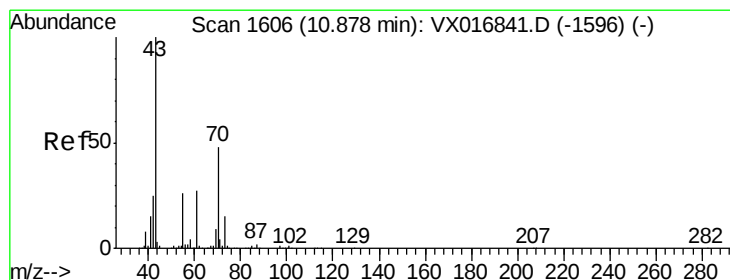
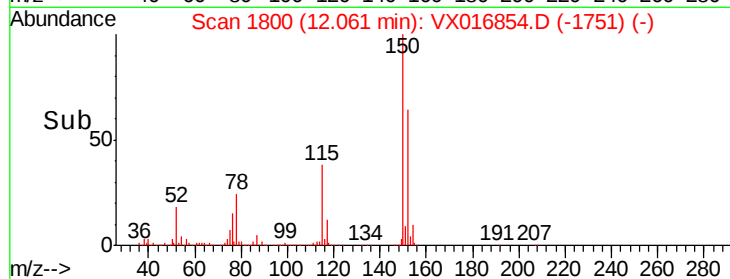
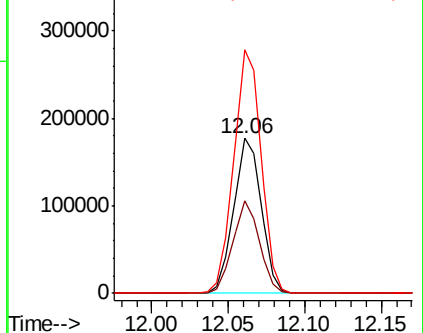
150 157.0 0.0 344.2



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-ethyl acetate

Concen: 0.768 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Tgt Ion: 43 Resp: 3814

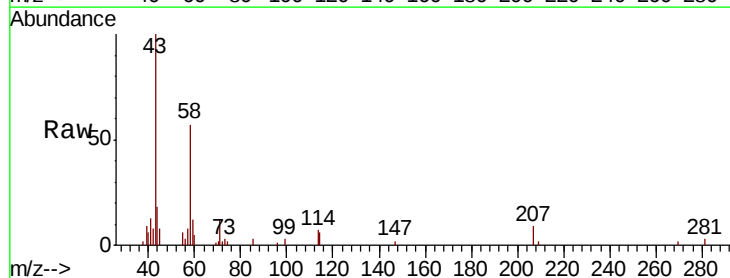
Ion Ratio Lower Upper

43 100

70 0.0 39.9 59.9#

55 11.5 21.8 32.6#

61 0.0 22.2 33.4#

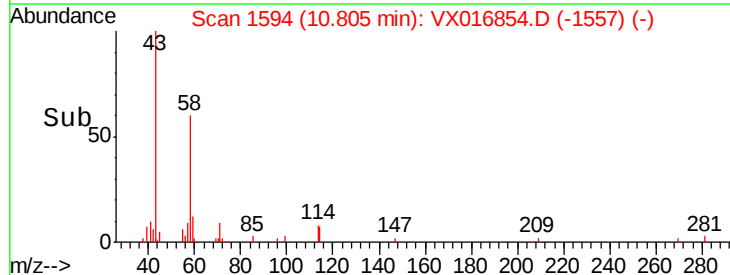
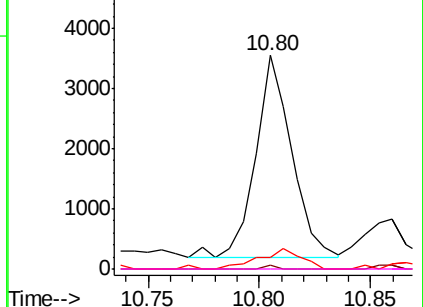


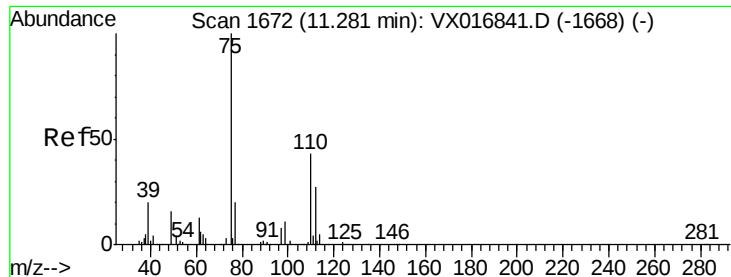
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.133 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

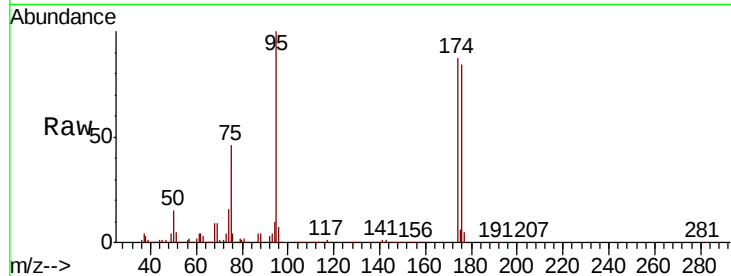
PB129596ZHE#14

Tot Ion: 75 Resp: 97923

Ion Ratio Lower Upper

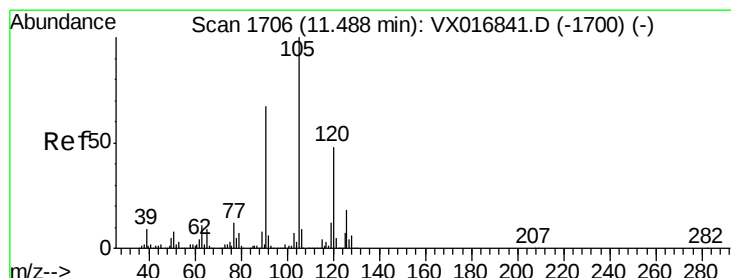
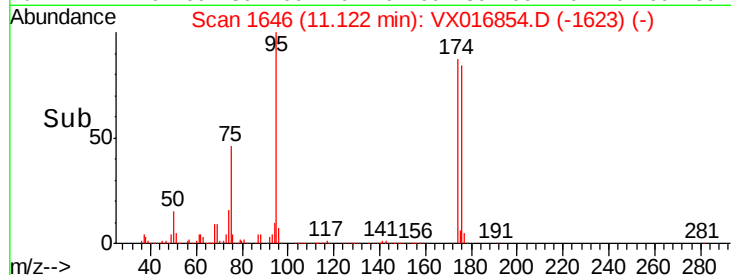
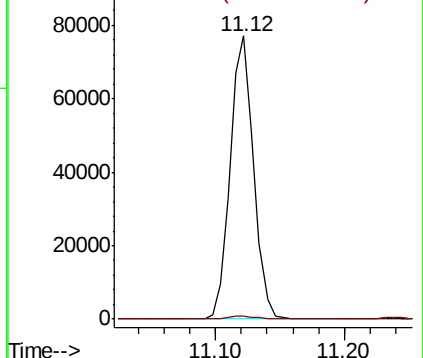
75 100

77 1.3 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 0.522 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016854.D

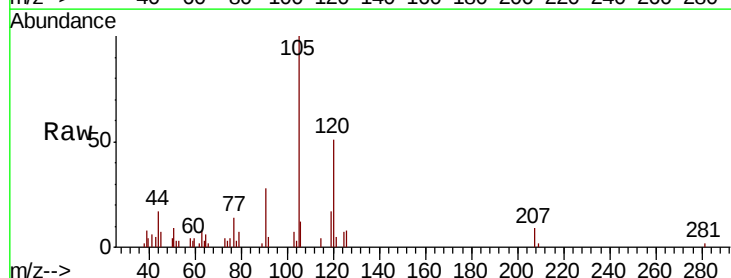
Acq: 18 Jun 2020 22:01

Tgt Ion: 105 Resp: 4077

Ion Ratio Lower Upper

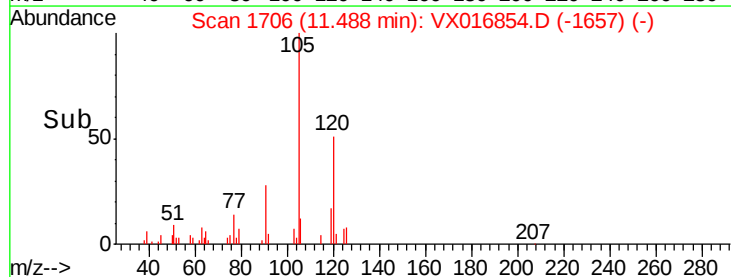
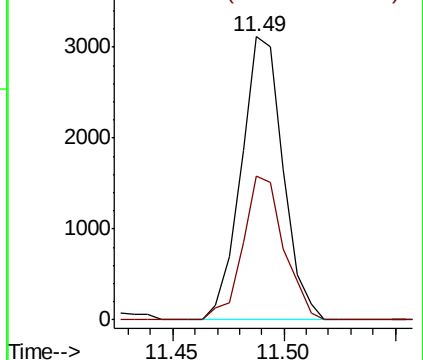
105 100

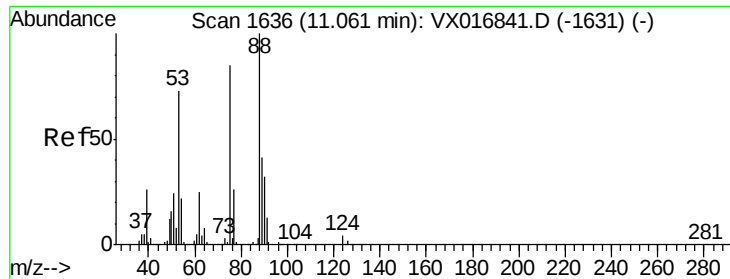
120 49.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 59.436 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#14

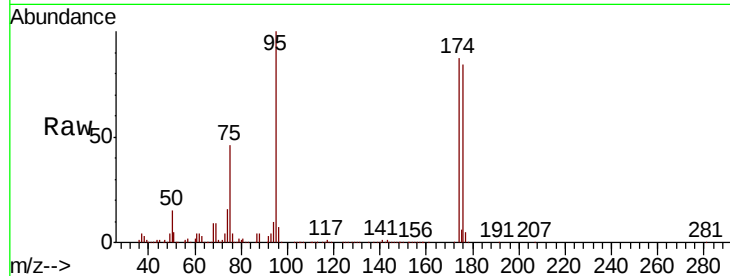
Tot Ion: 75 Resp: 97923

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.8#

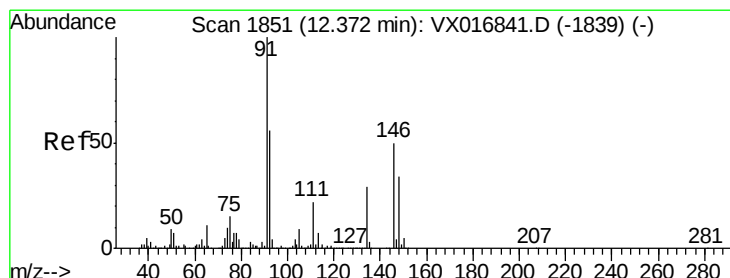
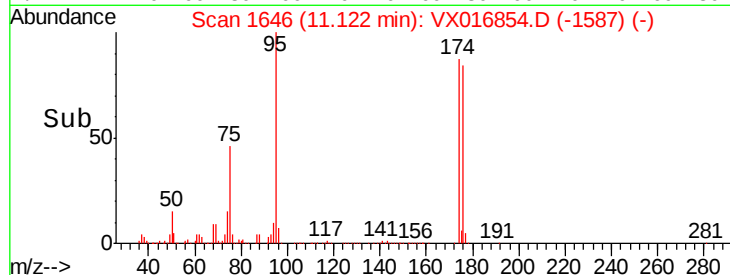
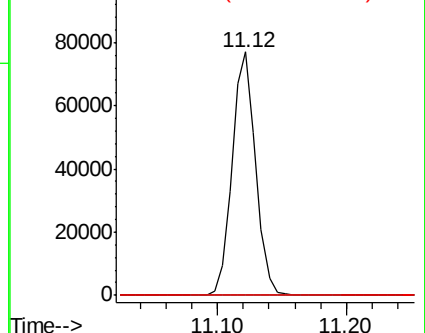
89 0.0 38.3 57.5#



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



#89

n-Butylbenzene

Concen: 3.141 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016854.D

Acq: 18 Jun 2020 22:01

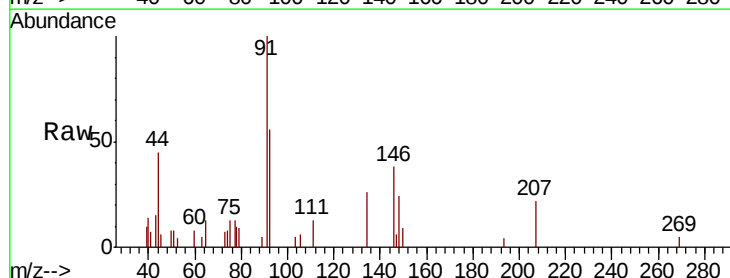
Tgt Ion: 91 Resp: 1683

Ion Ratio Lower Upper

91 100

92 54.2 27.4 82.2

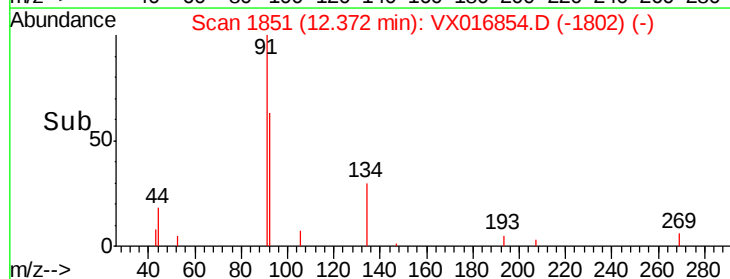
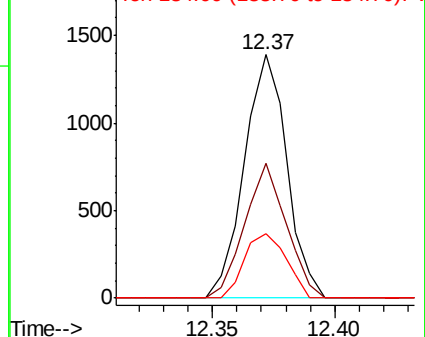
134 25.8 13.9 41.6

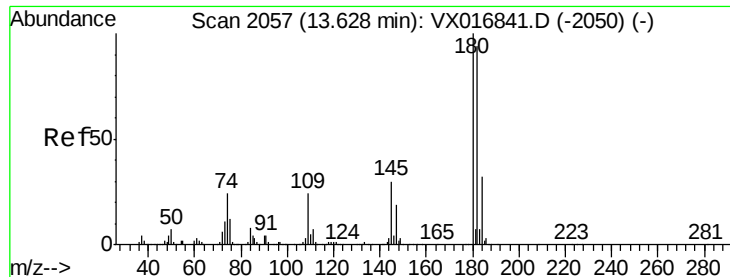


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

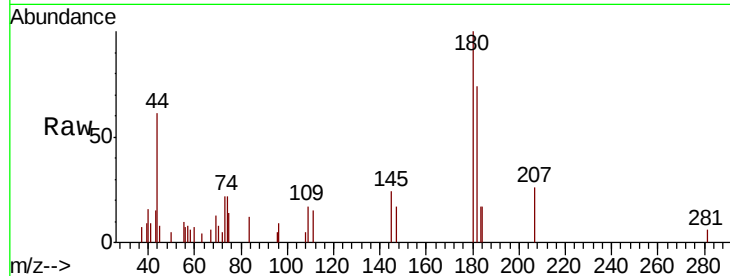




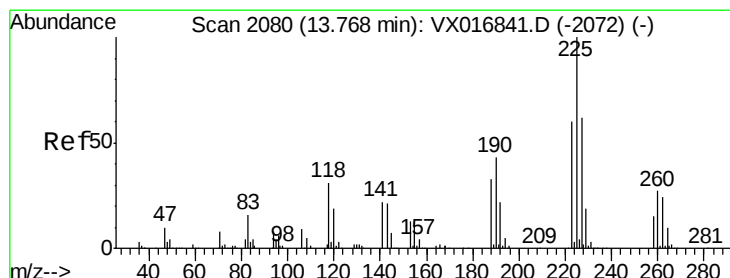
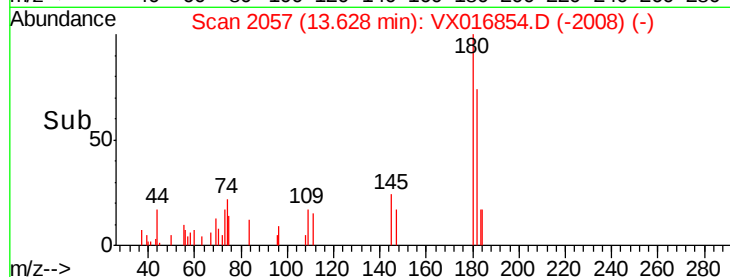
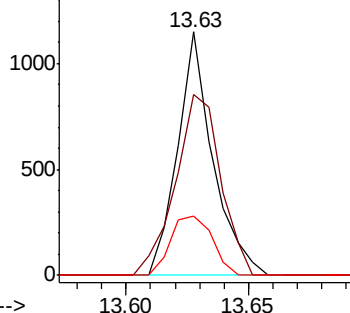
#93
 1,2,4-Trichlorobenzene
 Concen: 0.251 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016854.D
 Acq: 18 Jun 2020 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129596ZHE#14

Tot Ion:180 Resp: 1154
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.7 143.1
 145 28.8 15.0 45.1

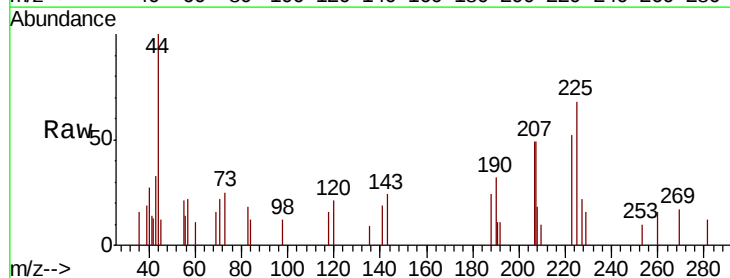


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 0.229 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016854.D
 Acq: 18 Jun 2020 22:01

Tgt Ion:225 Resp: 474
 Ion Ratio Lower Upper
 225 100
 223 67.5 32.1 96.5
 227 43.5 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

