

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066306.D
 Acq On : 19 Aug 2020 06:17
 Operator : VA/SY
 Sample : L3496-01
 Misc : 8.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-081720

Quant Time: Aug 19 06:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	3271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	5859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	5462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	2726	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	4146	142.07	ug/l	0.00
Spiked Amount			Recovery	=	284.14%	
35) Dibromofluoromethane	7.91	113	2751	74.12	ug/l	0.00
Spiked Amount			Recovery	=	148.24%	
50) Toluene-d8	10.33	98	6107	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	
62) 4-Bromofluorobenzene	12.63	95	2402	48.65	ug/l	-0.01
Spiked Amount			Recovery	=	97.30%	

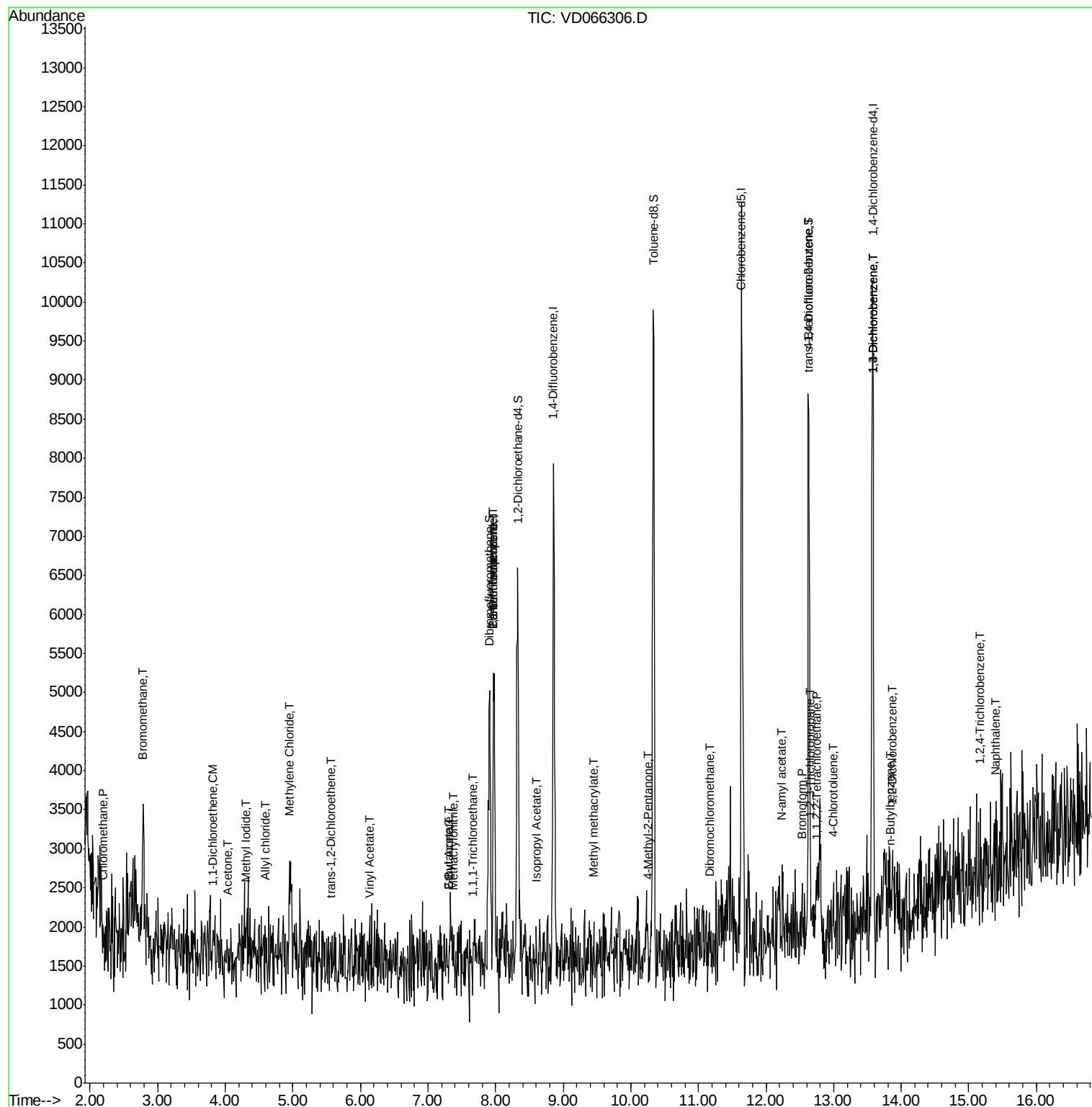
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.19	50	54	2.409	ug/l #	40
5) Bromomethane	2.77	94	564	42.832	ug/l #	60
10) Methyl Iodide	4.30	142	915	35.047	ug/l #	47
12) 1,1-Dichloroethene	3.81	96	56	1.933	ug/l #	1
14) Allyl chloride	4.60	41	54	1.230	ug/l #	22
16) Acetone	4.04	43	60	10.836	ug/l #	44
20) Methylene Chloride	4.96	84	580	14.972	ug/l #	62
21) trans-1,2-Dichloroethene	5.56	96	56	1.683	ug/l #	1
23) Vinyl Acetate	6.13	43	56	1.101	ug/l #	70
25) 2-Butanone	7.31	43	70	8.595	ug/l #	47
32) 1,1,1-Trichloroethane	7.67	97	61	1.154	ug/l #	25
36) 1,1-Dichloropropene	7.97	75	66	1.199	ug/l #	41
37) Ethyl Acetate	7.31	43	70	3.209	ug/l #	66
38) Carbon Tetrachloride	7.97	117	463	7.541	ug/l #	10
41) Methacrylonitrile	7.38	41	69	5.380	ug/l #	21
43) Isopropyl Acetate	8.60	43	69	1.605	ug/l #	50
48) Methyl methacrylate	9.45	41	70	3.190	ug/l #	13
51) 4-Methyl-2-Pentanone	10.24	43	68	3.080	ug/l #	36
60) Dibromochloromethane	11.17	129	66	1.614	ug/l #	11
71) Bromoform	12.54	173	61	2.373	ug/l #	28
74) N-amyl acetate	12.24	43	125	3.120	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.76	83	68	2.192	ug/l #	1
76) 1,2,3-Trichloropropane	12.67	75	65	2.859	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	1325	128.844	ug/l #	13
82) 4-Chlorotoluene	13.00	91	172	1.347	ug/l #	39
87) 1,3-Dichlorobenzene	13.59	146	121	1.374	ug/l #	25
88) 1,4-Dichlorobenzene	13.59	146	121	1.378	ug/l #	25
89) n-Butylbenzene	13.85	91	161	1.060	ug/l #	32
91) 1,2-Dichlorobenzene	13.88	146	130	1.670	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.17	180	77	1.342	ug/l #	12
95) Naphthalene	15.40	128	147	1.572	ug/l #	68

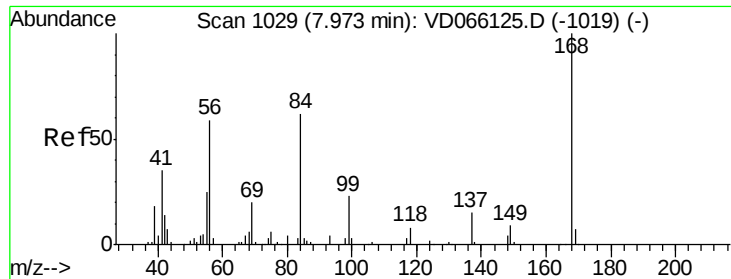
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

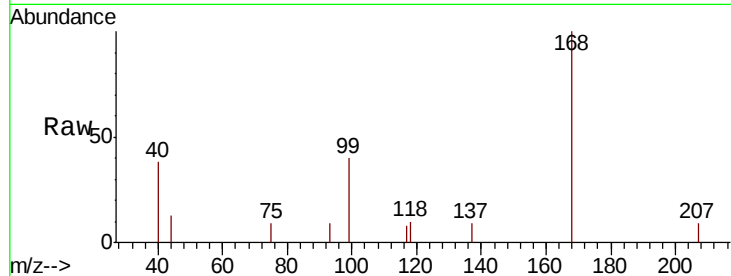
AU-06-081720

Tot Ion:168 Resp: 3271

Ion Ratio Lower Upper

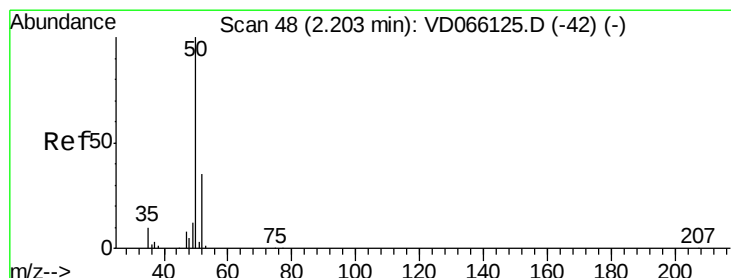
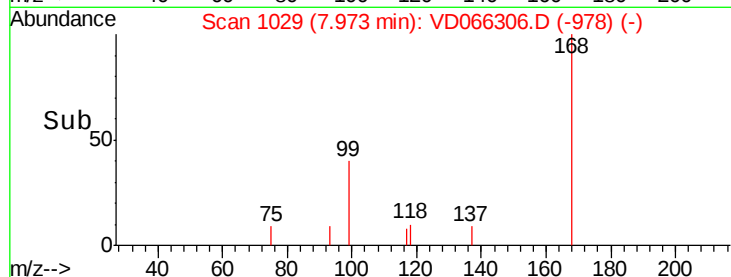
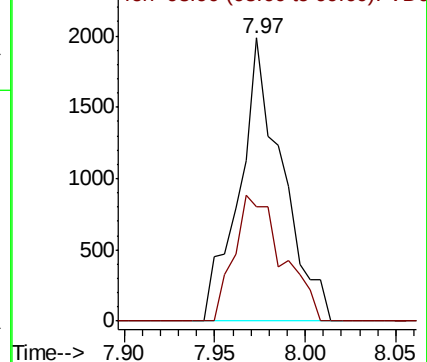
168 100

99 40.3 42.2 63.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: 2.409 ug/l

RT: 2.19 min Scan# 46

Delta R.T. -0.01 min

Lab File: VD066306.D

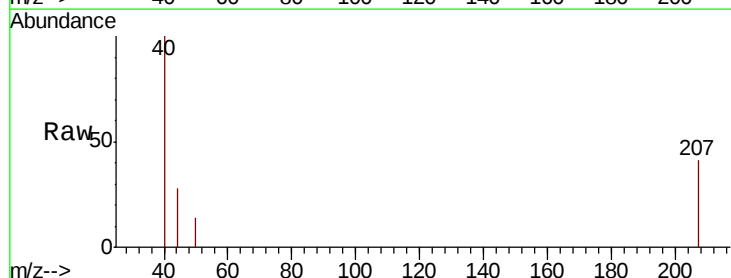
Acq: 19 Aug 2020 06:17

Tgt Ion: 50 Resp: 54

Ion Ratio Lower Upper

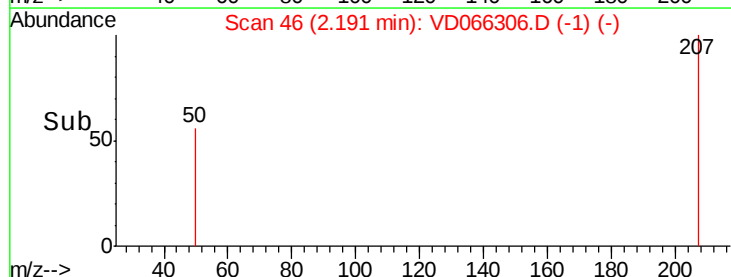
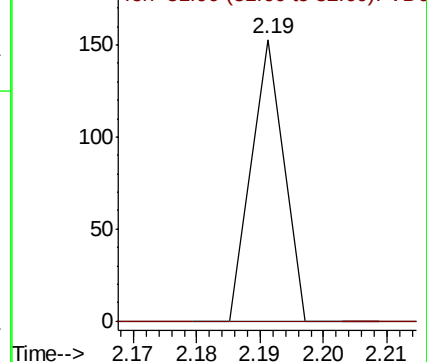
50 100

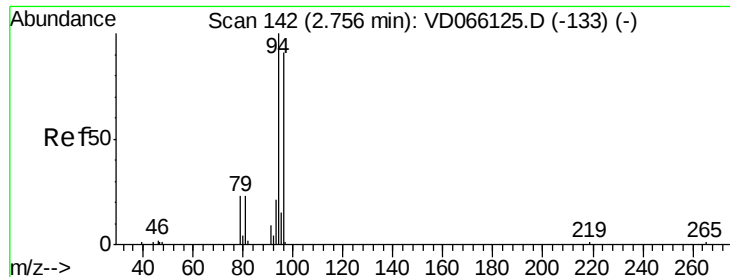
52 0.0 27.9 41.9#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 42.832 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.02 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

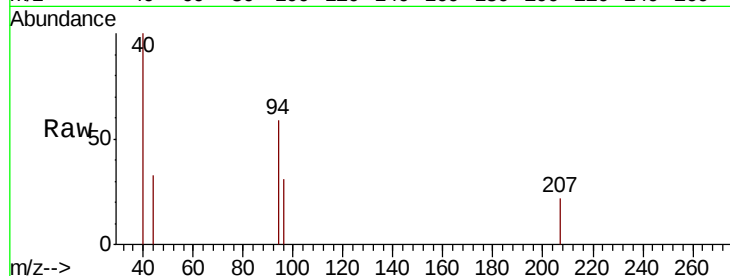
AU-06-081720

Tot Ion: 94 Resp: 564

Ion Ratio Lower Upper

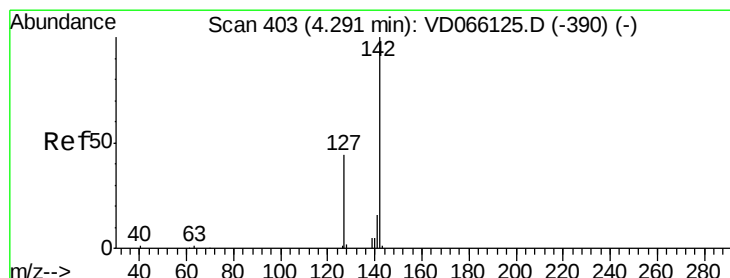
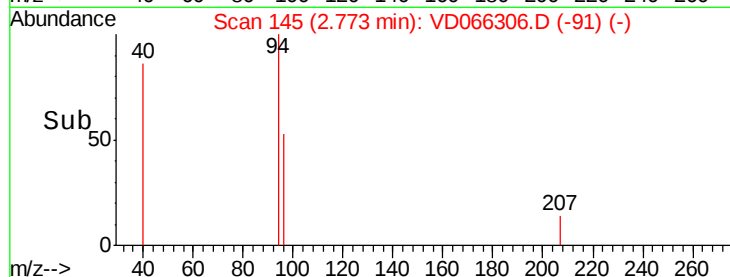
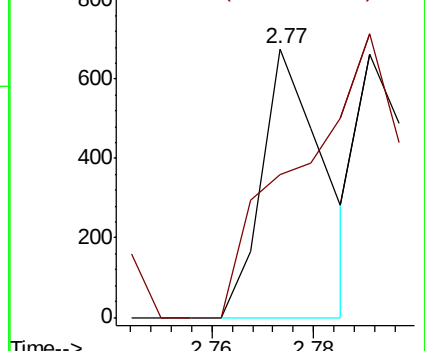
94 100

96 53.1 72.6 109.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#10

Methyl Iodide

Concen: 35.047 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

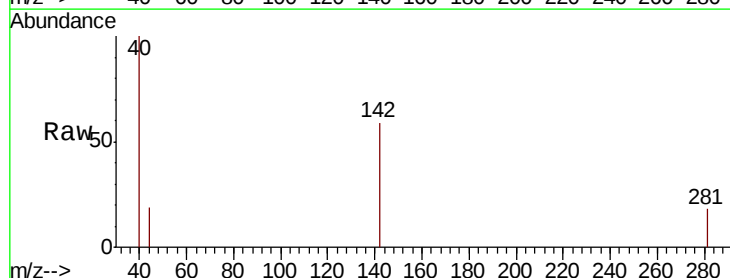
Tgt Ion: 142 Resp: 915

Ion Ratio Lower Upper

142 100

127 7.0 36.2 54.4#

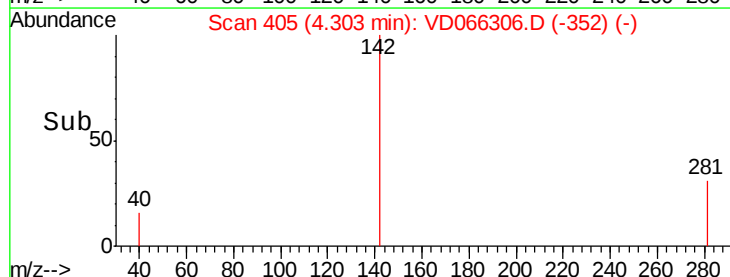
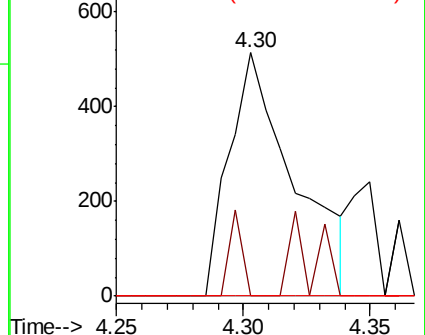
141 0.0 12.6 18.8#

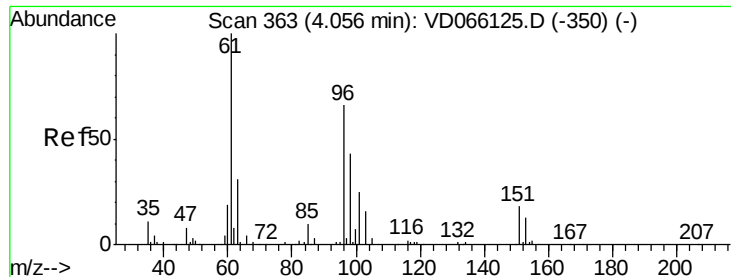


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#12

1,1-Dichloroethene

Concen: 1.933 ug/l

RT: 3.81 min Scan# 322

Delta R.T. -0.24 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

AU-06-081720

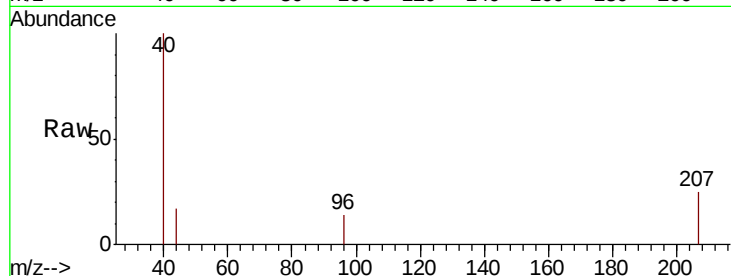
Tot Ion: 96 Resp: 56

Ion Ratio Lower Upper

96 100

61 0.0 121.6 182.4#

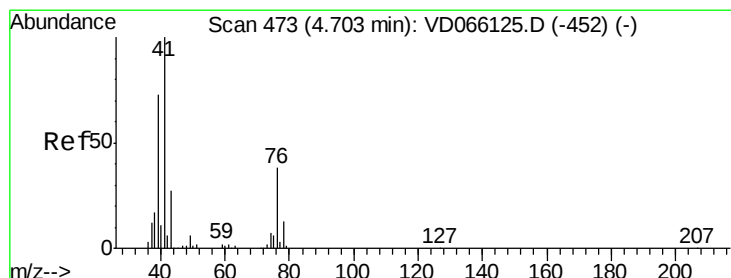
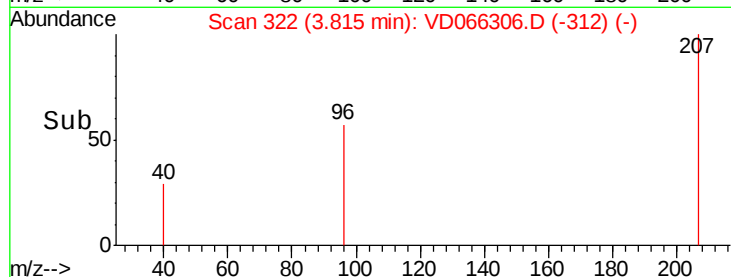
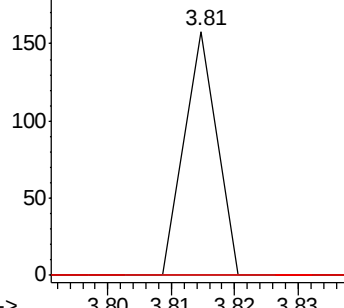
98 0.0 52.0 78.0#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#14

Allyl chloride

Concen: 1.230 ug/l

RT: 4.60 min Scan# 455

Delta R.T. -0.11 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

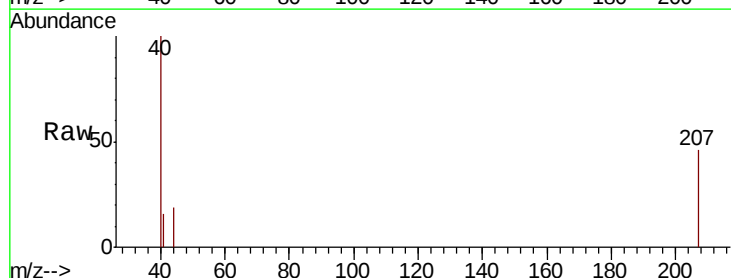
Tgt Ion: 41 Resp: 54

Ion Ratio Lower Upper

41 100

39 0.0 57.4 86.0#

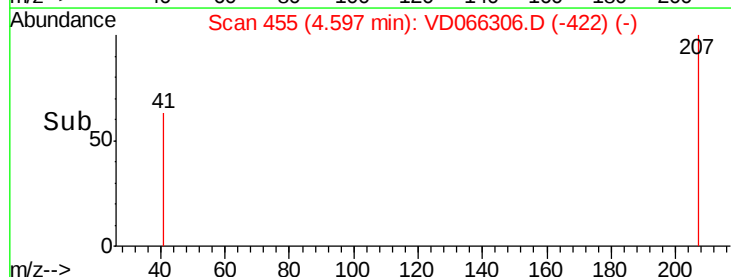
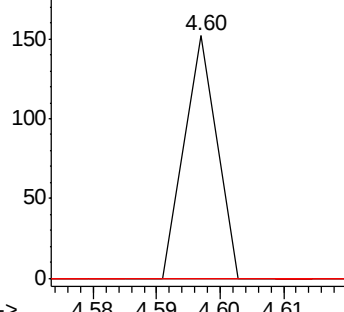
76 0.0 30.1 45.1#

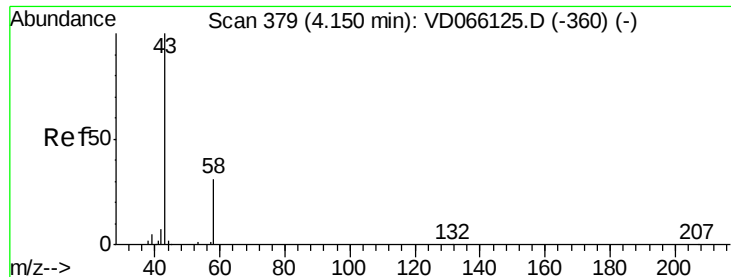


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#16

Acetone

Concen: 10.836 ug/l

RT: 4.04 min Scan# 360

Delta R.T. -0.11 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

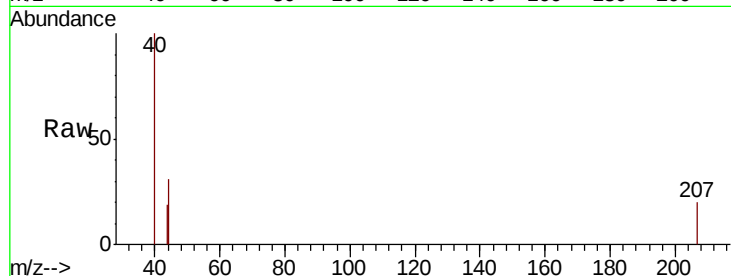
AU-06-081720

Tot Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.04

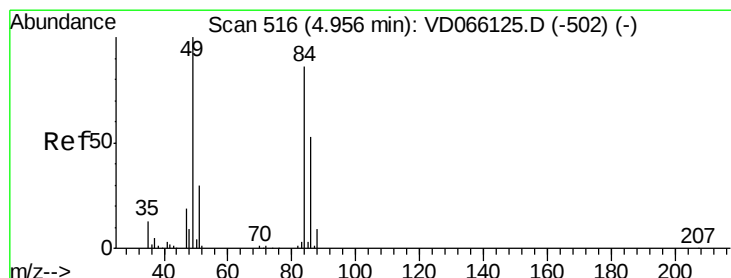
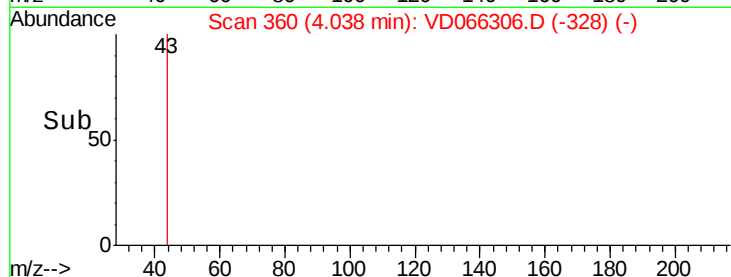
150

100

50

0

Time-->



#20

Methylene Chloride

Concen: 14.972 ug/l

RT: 4.96 min Scan# 516

Delta R.T. 0.00 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Tgt Ion: 84 Resp: 580

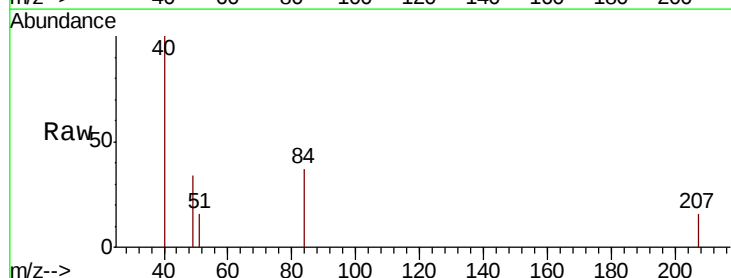
Ion Ratio Lower Upper

84 100

49 91.1 93.5 140.3#

51 42.1 28.2 42.4

86 0.0 49.5 74.3#



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

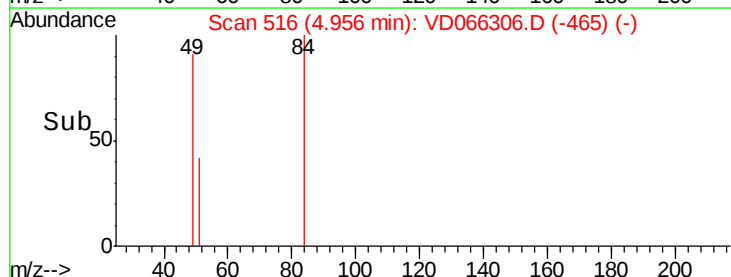
600

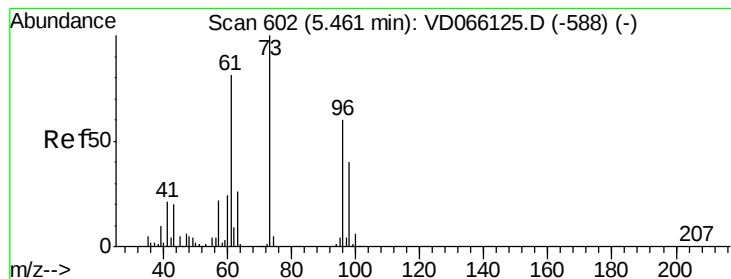
400

200

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.683 ug/l

RT: 5.56 min Scan# 618

Delta R.T. 0.09 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

AU-06-081720

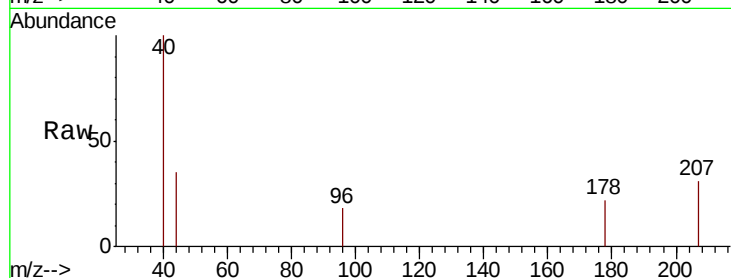
Tot Ion: 96 Resp: 56

Ion Ratio Lower Upper

96 100

61 0.0 106.9 160.3#

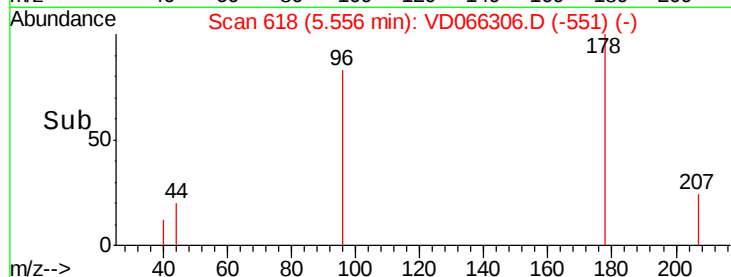
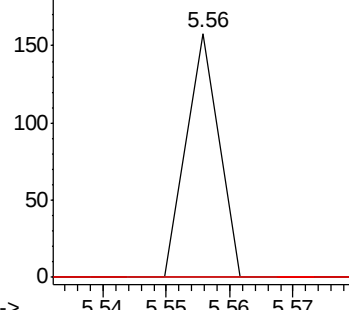
98 0.0 53.4 80.0#



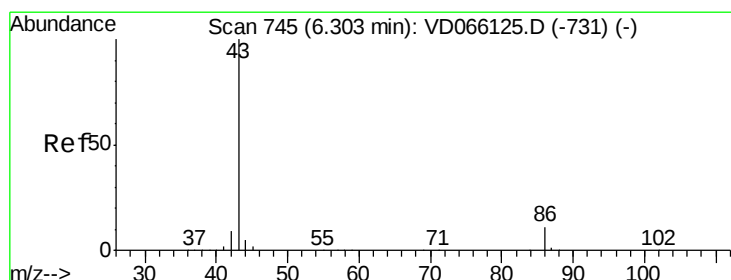
Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



Time-->



#23

Vinyl Acetate

Concen: 1.101 ug/l

RT: 6.13 min Scan# 715

Delta R.T. -0.18 min

Lab File: VD066306.D

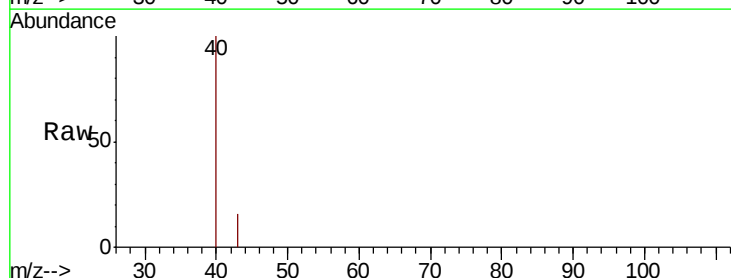
Acq: 19 Aug 2020 06:17

Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

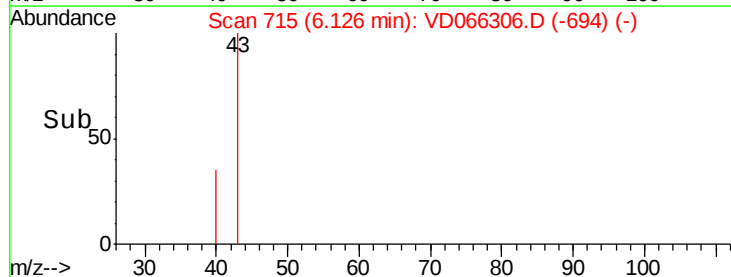
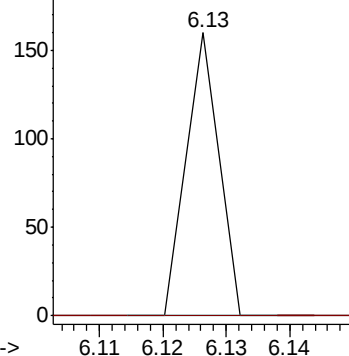
43 100

86 0.0 9.1 13.7#

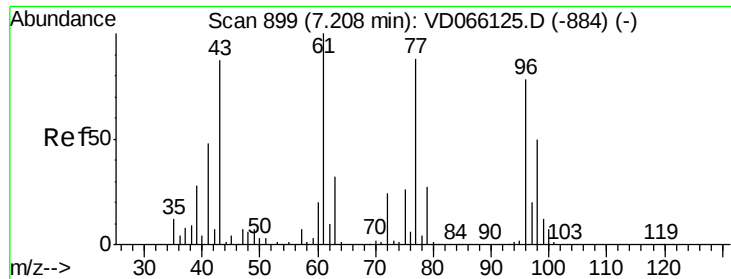


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



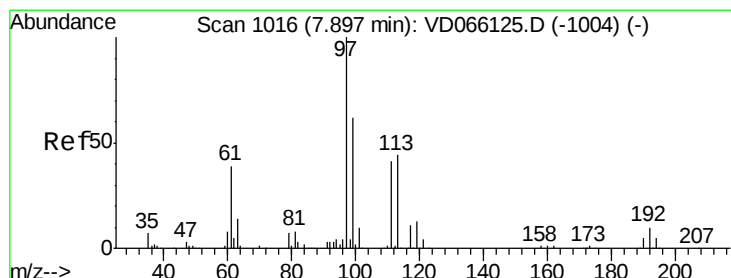
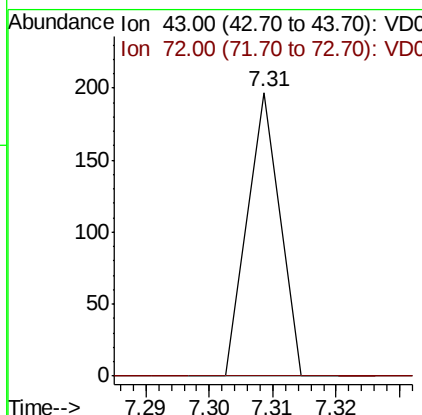
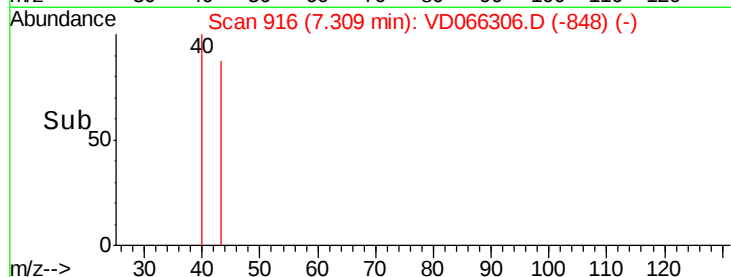
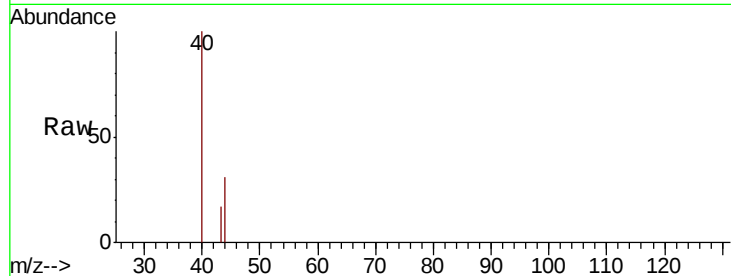
Time-->



#25
 2-Butanone
 Concen: 8.595 ug/l
 RT: 7.31 min Scan# 916
 Delta R.T. 0.10 min
 Lab File: VD066306.D
 Acq: 19 Aug 2020 06:17

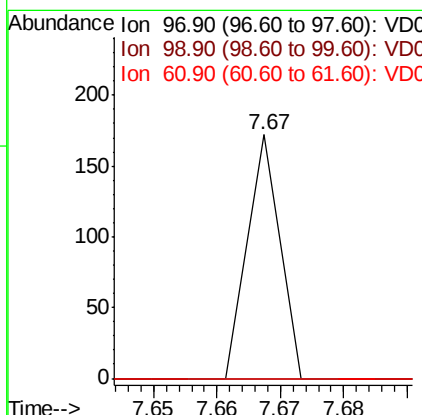
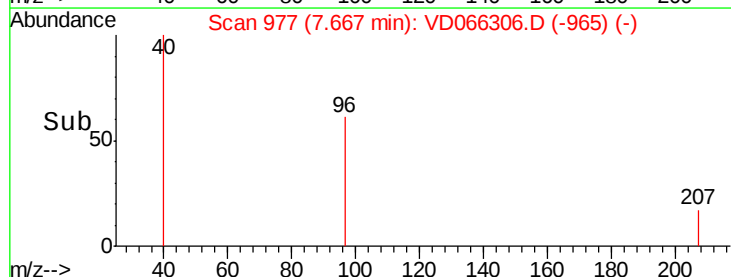
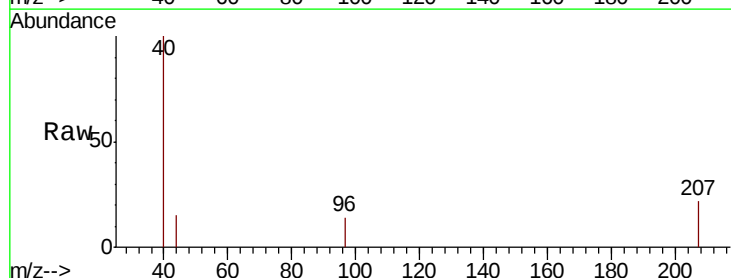
Instrument :
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 AU-06-081720

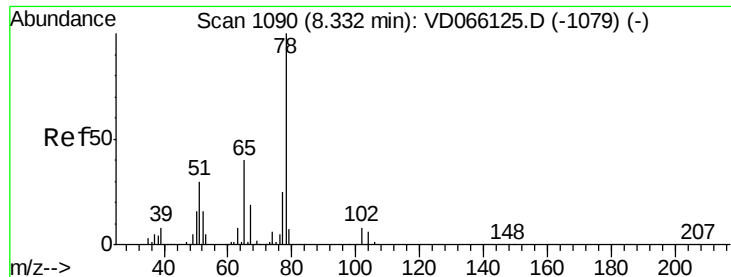
Tot Ion: 43 Resp: 70
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.2 33.2#



#32
 1,1,1-Trichloroethane
 Concen: 1.154 ug/l
 RT: 7.67 min Scan# 977
 Delta R.T. -0.23 min
 Lab File: VD066306.D
 Acq: 19 Aug 2020 06:17

Tgt Ion: 97 Resp: 61
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.1 76.7#
 61 0.0 32.7 49.1#





#33

1,2-Dichloroethane-d4

Concen: 142.073 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

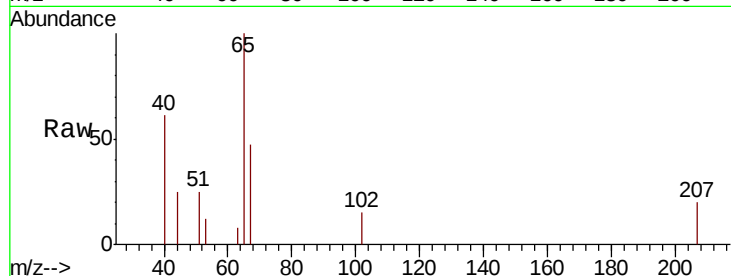
AU-06-081720

Tot Ion: 65 Resp: 4146

Ion Ratio Lower Upper

65 100

67 44.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

2500

2000

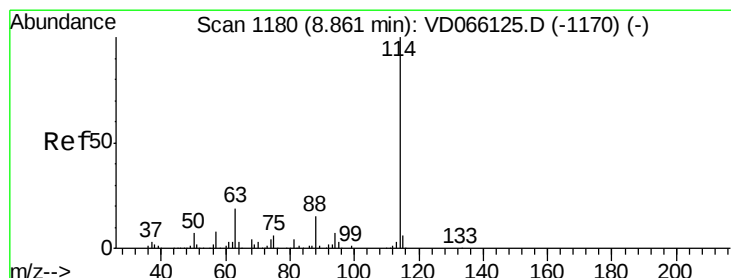
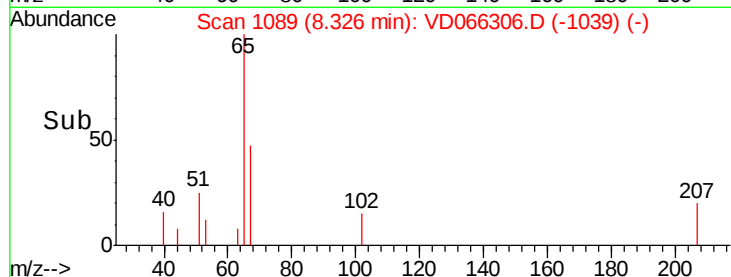
1500

1000

500

0

Time--> 8.25 8.30 8.35



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

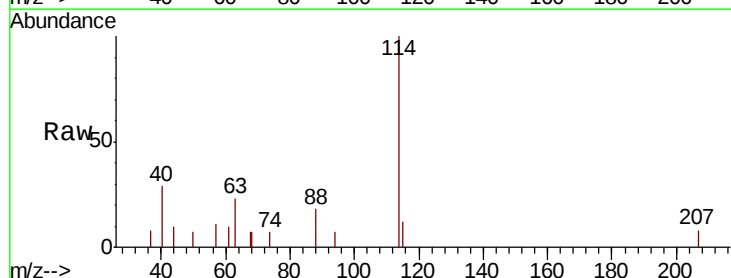
Tgt Ion: 114 Resp: 5859

Ion Ratio Lower Upper

114 100

63 23.4 0.0 38.6

88 18.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

4000

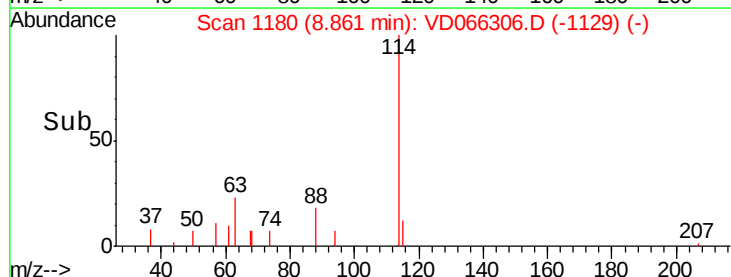
3000

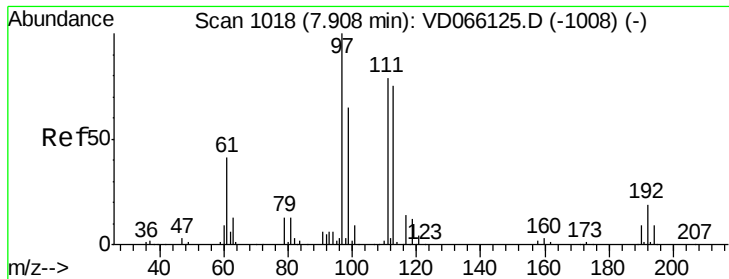
2000

1000

0

Time--> 8.80 8.85 8.90

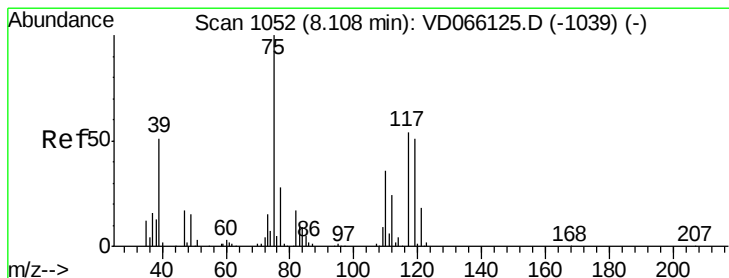
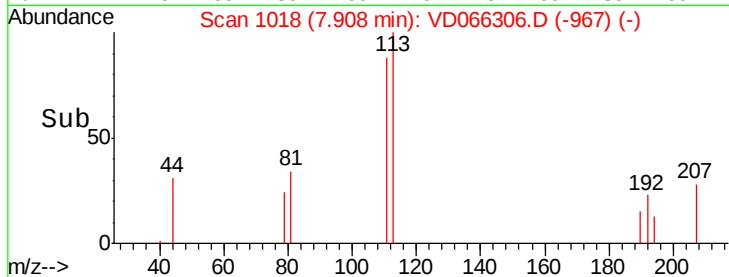
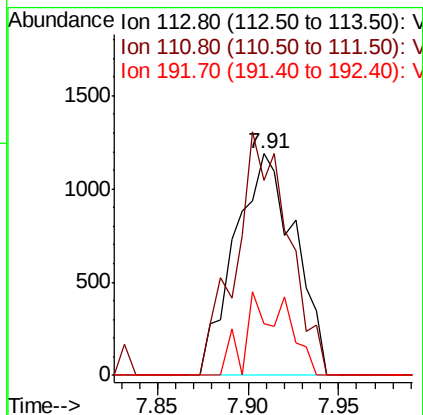
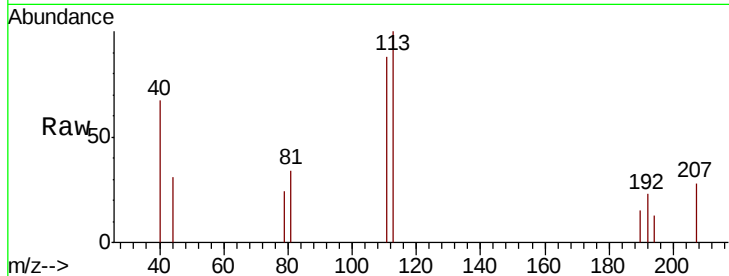




#35
 Dibromofluoromethane
 Concen: 74.119 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066306.D
 Acq: 19 Aug 2020 06:17

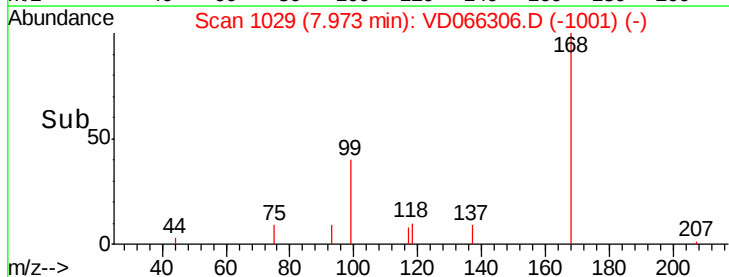
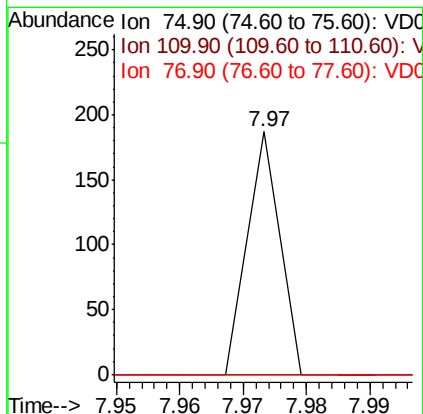
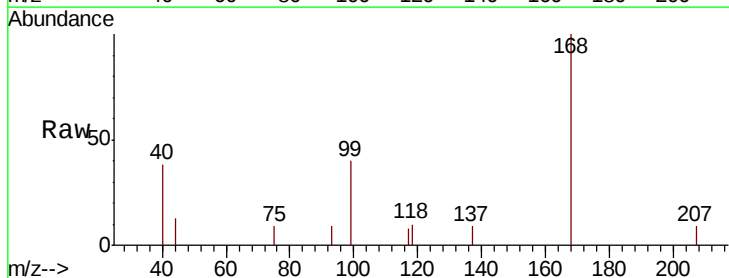
Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-081720

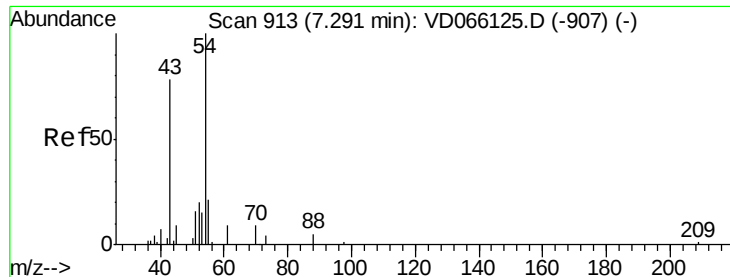
Tot Ion:113 Resp: 2751
 Ion Ratio Lower Upper
 113 100
 111 95.7 80.7 121.1
 192 25.5 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 1.199 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066306.D
 Acq: 19 Aug 2020 06:17

Tgt Ion: 75 Resp: 66
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.8 56.3#
 77 0.0 24.2 36.2#

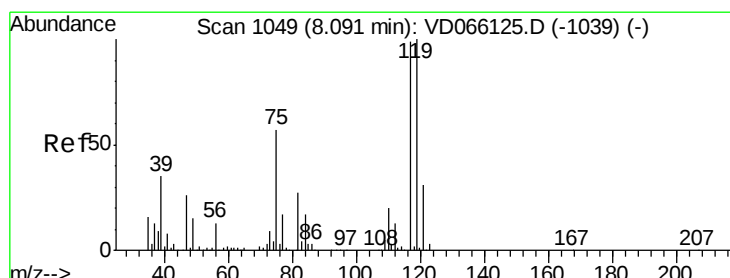
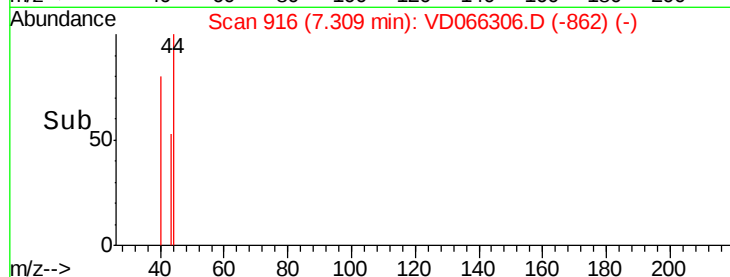
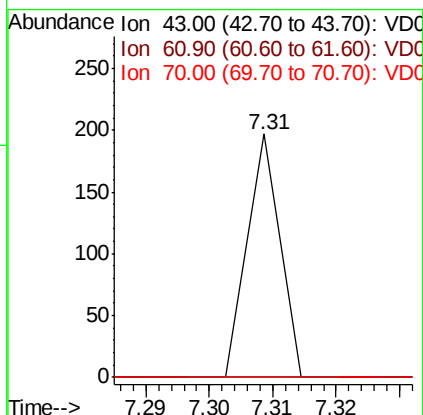
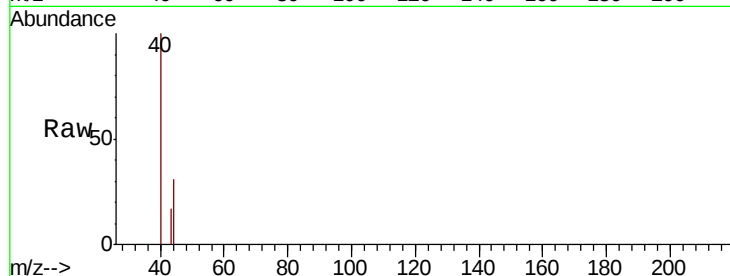




#37
Ethyl Acetate
Concen: 3.209 ug/l
RT: 7.31 min Scan# 916
Delta R.T. 0.02 min
Lab File: VD066306.D
Acq: 19 Aug 2020 06:17

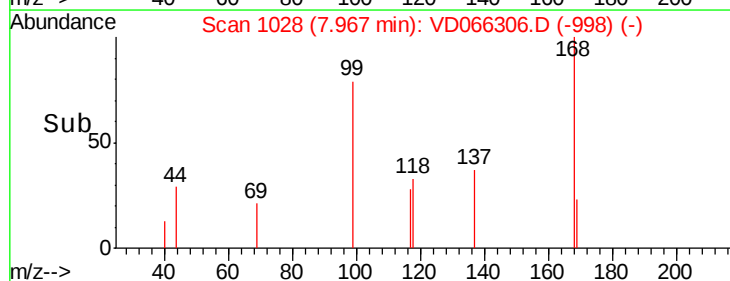
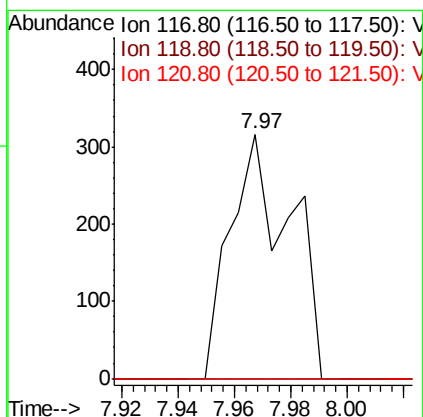
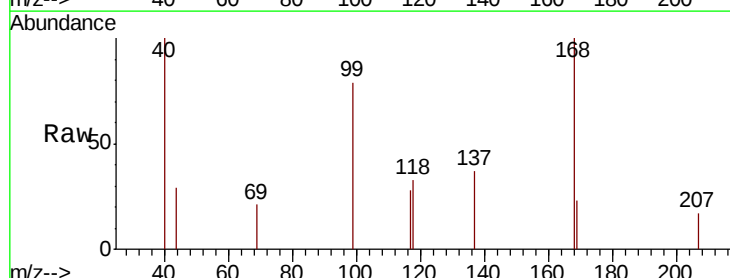
Instrument :
MSVOA_D
ClientSampleId :
AU-06-081720

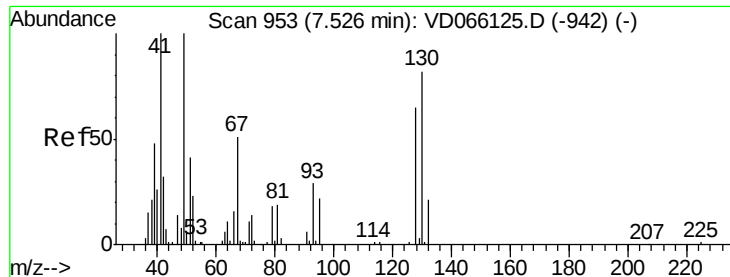
Tot Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 9.7 14.5#



#38
Carbon Tetrachloride
Concen: 7.541 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.12 min
Lab File: VD066306.D
Acq: 19 Aug 2020 06:17

Tgt Ion: 117 Resp: 463
Ion Ratio Lower Upper
117 100
119 0.0 81.0 121.4#
121 0.0 24.8 37.2#





#41

Methacrylonitrile

Concen: 5.380 ug/l

RT: 7.38 min Scan# 928

Delta R.T. -0.15 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

AU-06-081720

Tot Ion: 41 Resp: 69

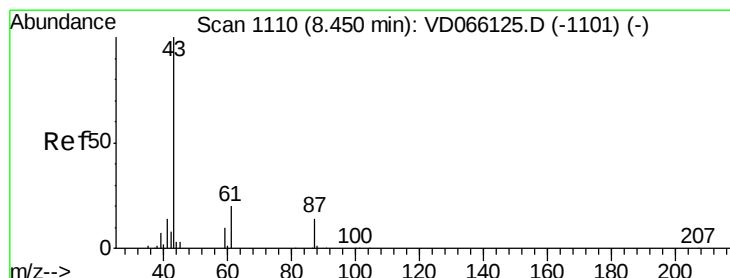
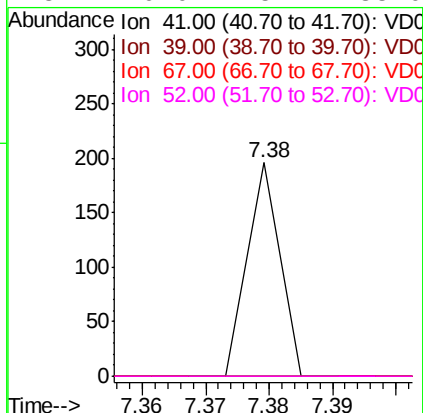
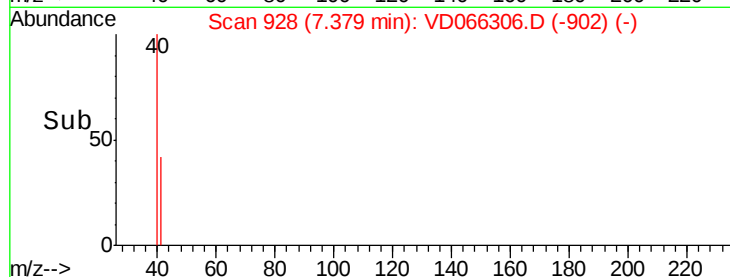
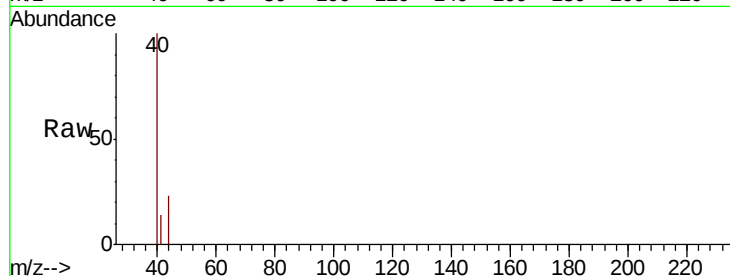
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#



#43

Isopropyl Acetate

Concen: 1.605 ug/l

RT: 8.60 min Scan# 1135

Delta R.T. 0.15 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

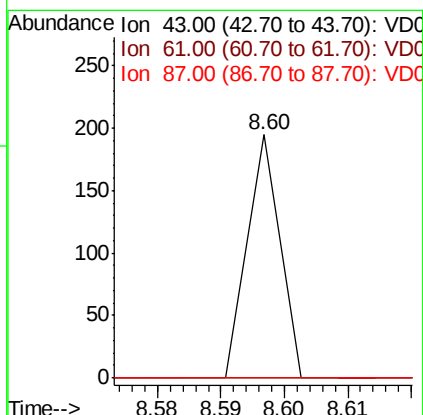
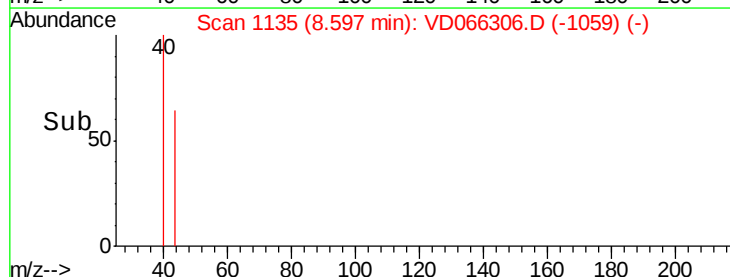
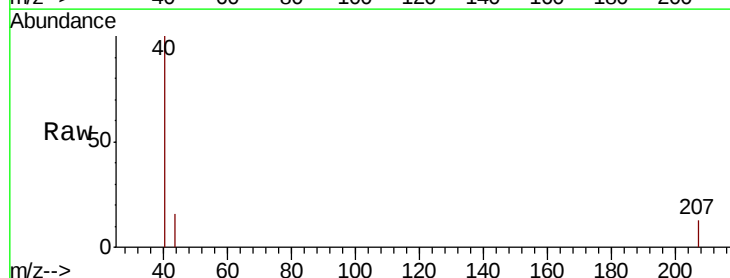
Tgt Ion: 43 Resp: 69

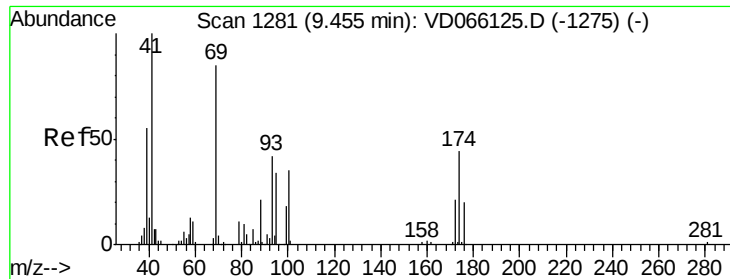
Ion Ratio Lower Upper

43 100

61 0.0 25.5 38.3#

87 0.0 11.2 16.8#

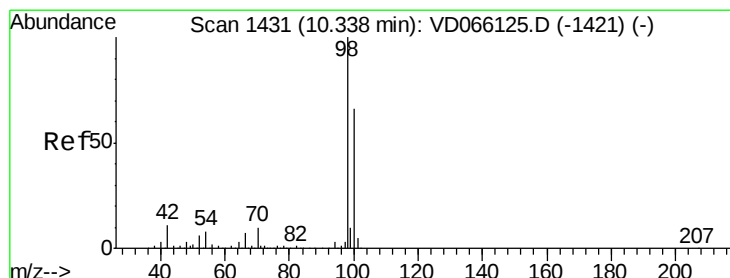
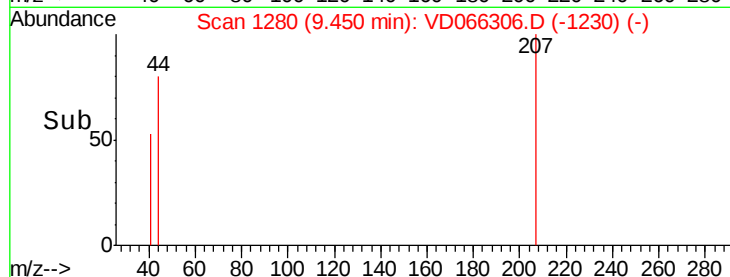
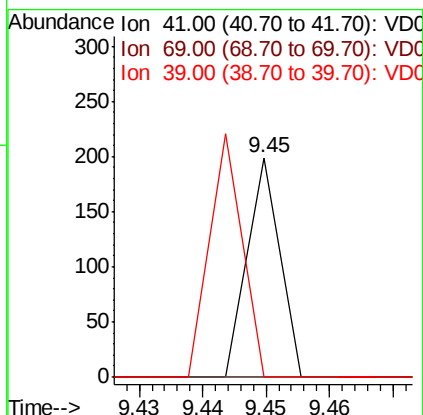
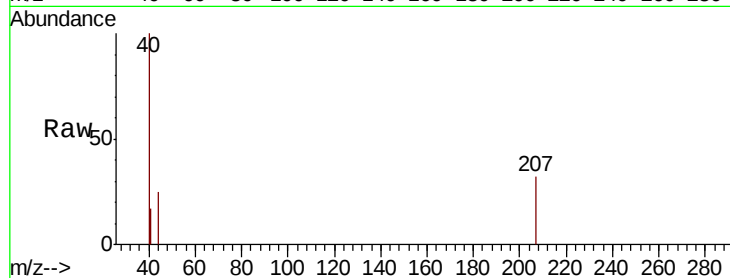




#48
Methvl methacrvlate
Concen: 3.190 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066306.D
Acq: 19 Aug 2020 06:17

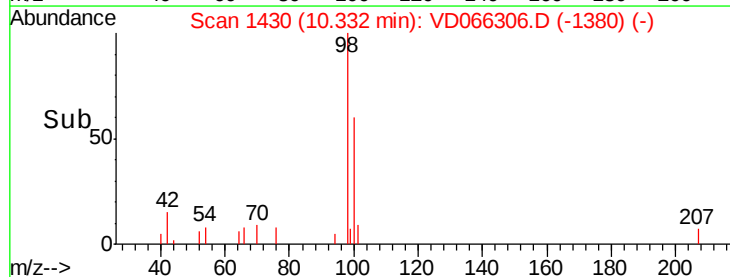
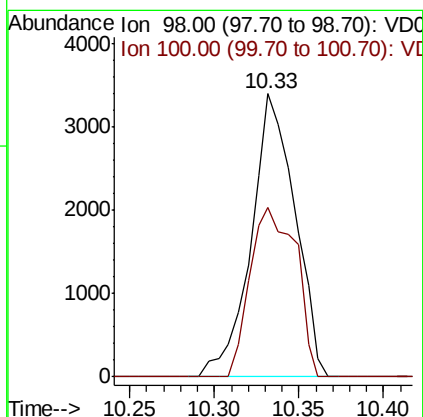
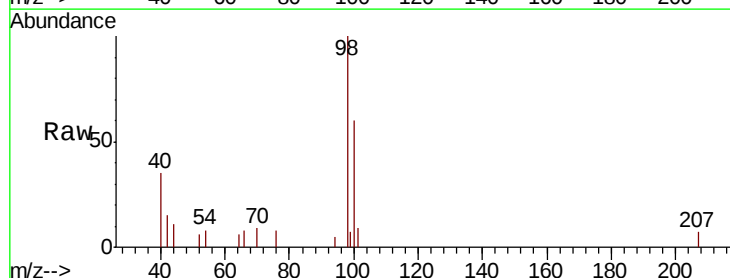
Instrument :
MSVOA_D
ClientSampleId :
AU-06-081720

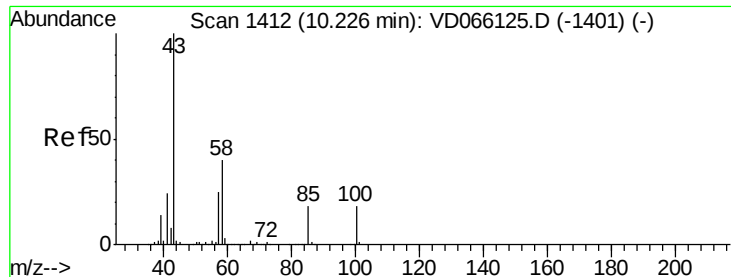
Tot Ion: 41 Resp: 70
Ion Ratio Lower Upper
41 100
69 0.0 63.9 95.9#
39 111.4 42.6 64.0#



#50
Toluene-d8
Concen: 44.587 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066306.D
Acq: 19 Aug 2020 06:17

Tgt Ion: 98 Resp: 6107
Ion Ratio Lower Upper
98 100
100 62.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 3.080 ug/l

RT: 10.24 min Scan# 1415

Delta R.T. 0.02 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

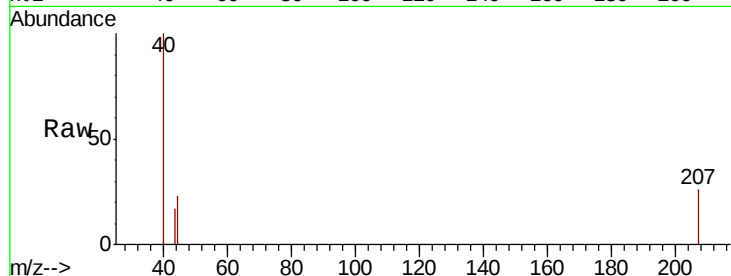
AU-06-081720

Tot Ion: 43 Resp: 68

Ion Ratio Lower Upper

43 100

58 0.0 31.1 46.7#

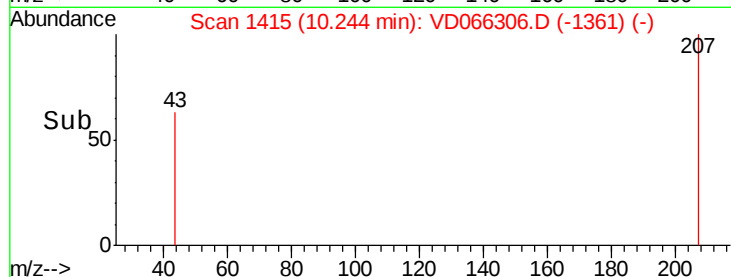


Abundance Ion 43.00 (42.70 to 43.70): VDC

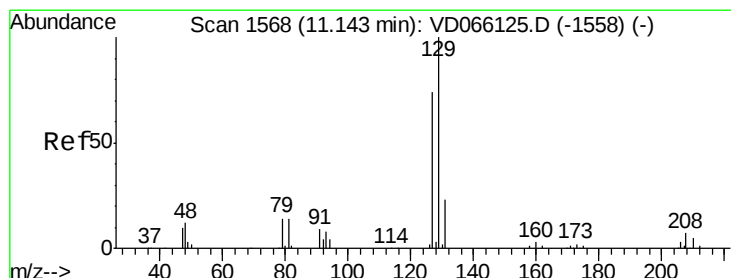
Ion 58.00 (57.70 to 58.70): VDC

10.24

10.26



Time-->



#60

Dibromochloromethane

Concen: 1.614 ug/l

RT: 11.17 min Scan# 1572

Delta R.T. 0.02 min

Lab File: VD066306.D

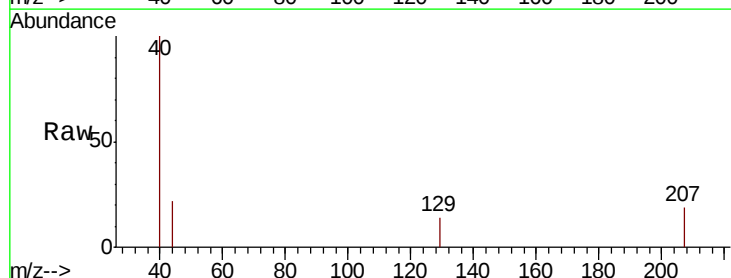
Acq: 19 Aug 2020 06:17

Tgt Ion: 129 Resp: 66

Ion Ratio Lower Upper

129 100

127 0.0 38.0 114.1#

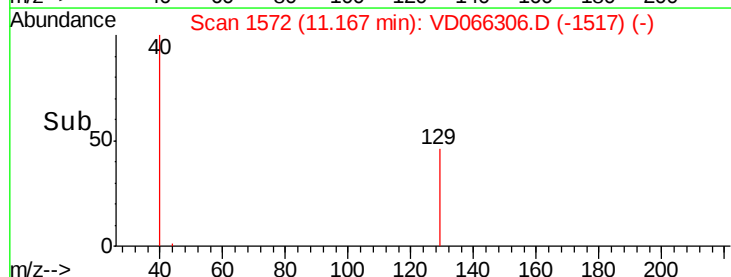


Abundance Ion 128.80 (128.50 to 129.50): V

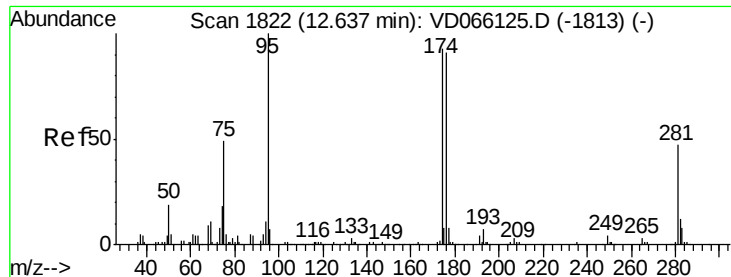
Ion 126.80 (126.50 to 127.50): V

11.17

11.18



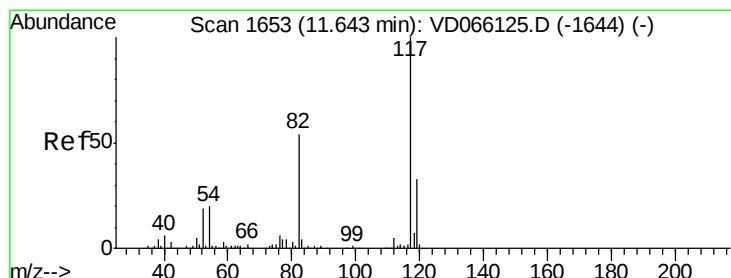
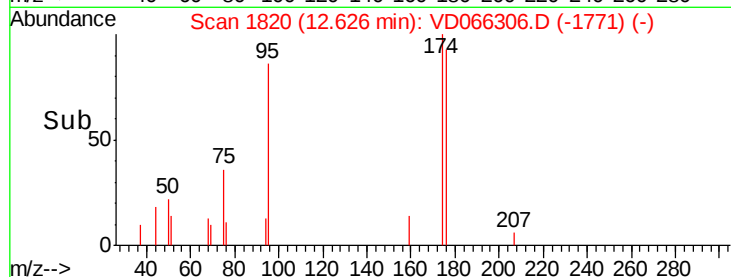
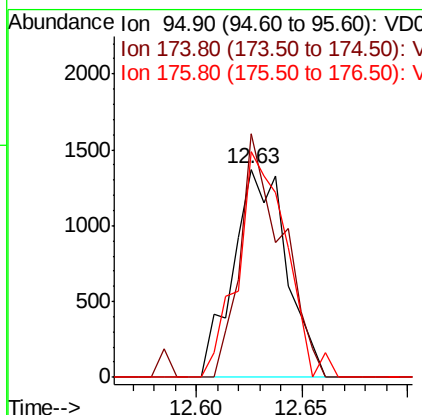
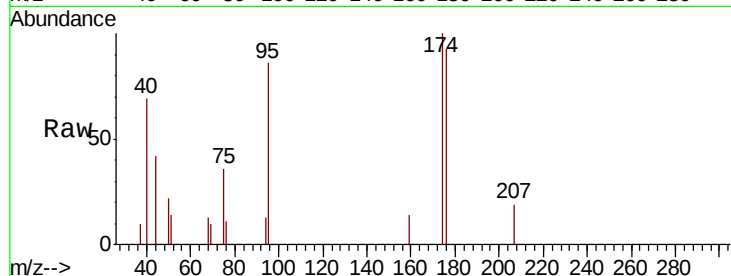
Time-->



#62
4-Bromofluorobenzene
Concen: 48.652 ug/l
RT: 12.63 min Scan# 1820
Delta R.T. -0.01 min
Lab File: VD066306.D
Acq: 19 Aug 2020 06:17

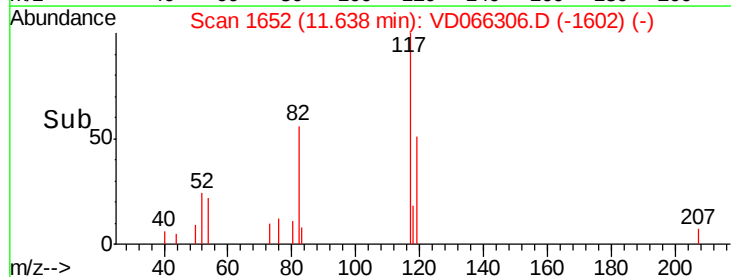
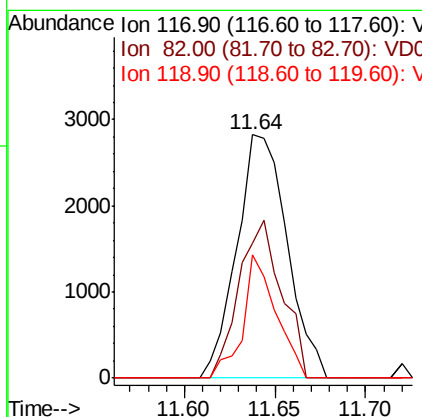
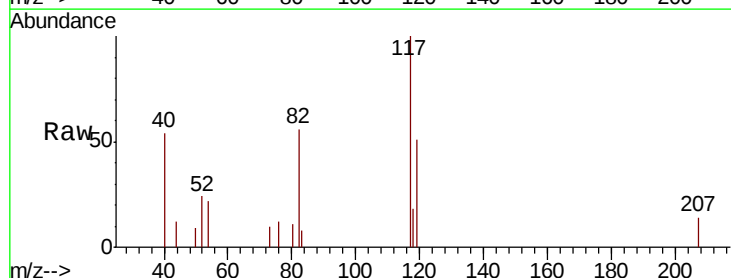
Instrument :
MSVOA_D
ClientSampleId :
AU-06-081720

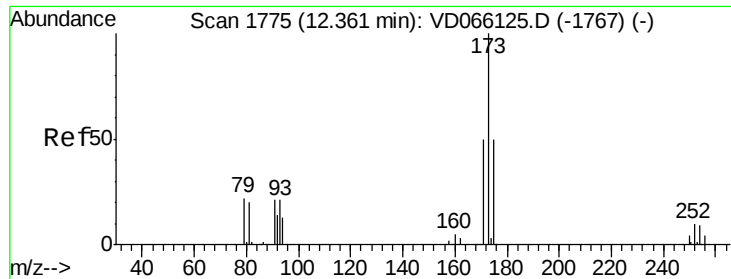
Tot Ion: 95 Resp: 2402
Ion Ratio Lower Upper
95 100
174 92.3 0.0 180.8
176 99.2 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VD066306.D
Acq: 19 Aug 2020 06:17

Tgt Ion: 117 Resp: 5462
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 50.7 26.1 39.1#





#71

Bromoform

Concen: 2.373 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.18 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

AU-06-081720

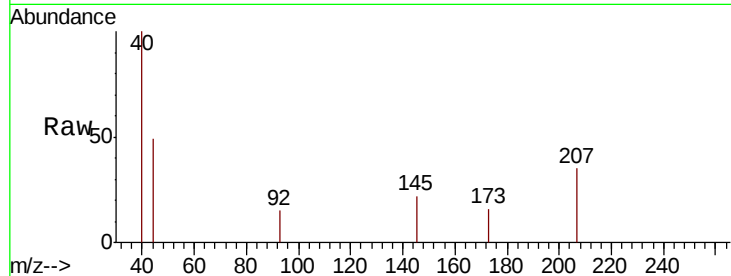
Tot Ion:173 Resp: 61

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

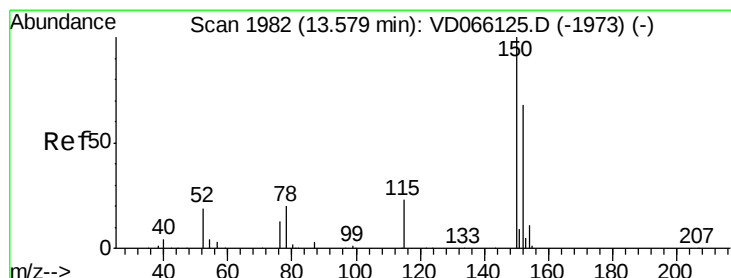
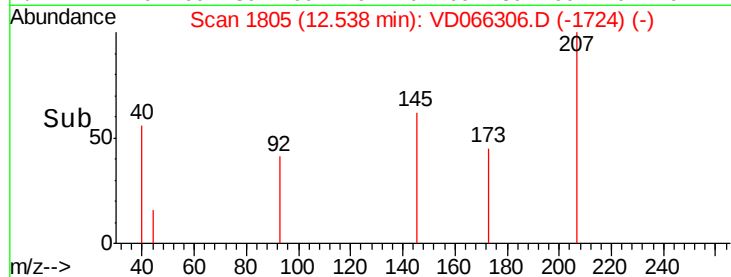
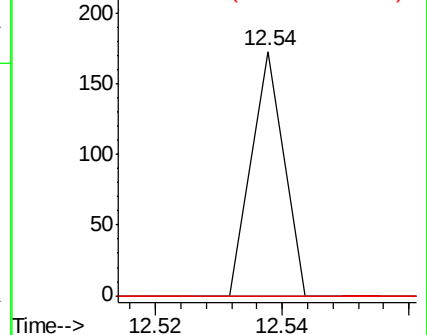
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

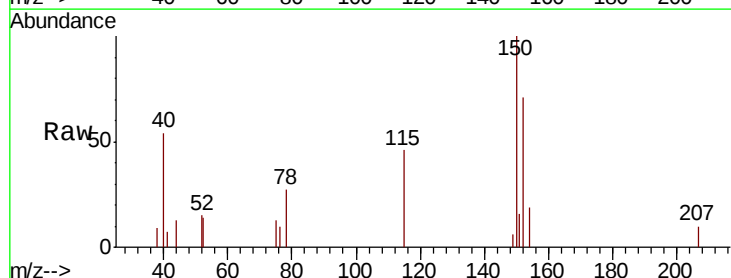
Tgt Ion:152 Resp: 2726

Ion Ratio Lower Upper

152 100

115 57.2 28.0 83.9

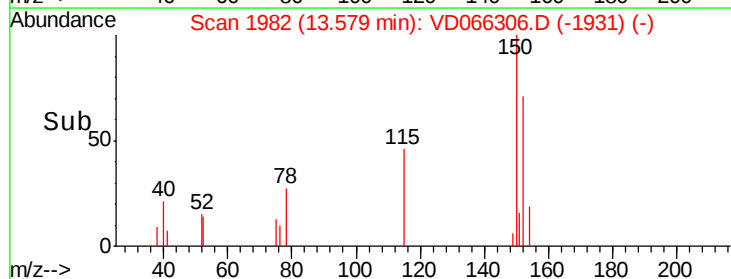
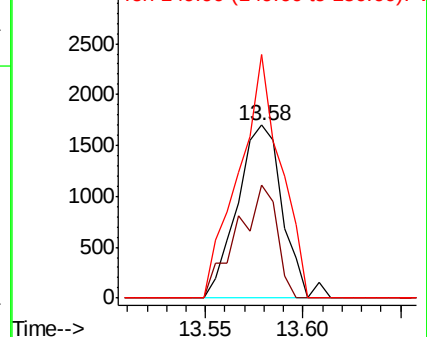
150 130.8 0.0 346.4

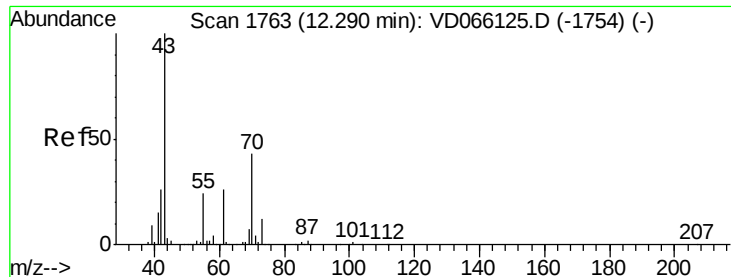


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.120 ug/l

RT: 12.24 min Scan# 1754

Delta R.T. -0.05 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

AU-06-081720

Tot Ion: 43 Resp: 125

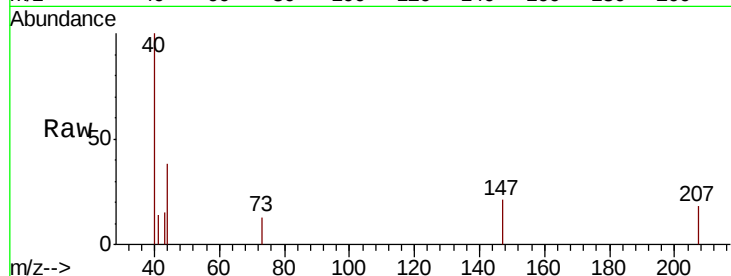
Ion Ratio Lower Upper

43 100

70 0.0 34.9 52.3#

55 0.0 19.2 28.8#

61 0.0 19.7 29.5#

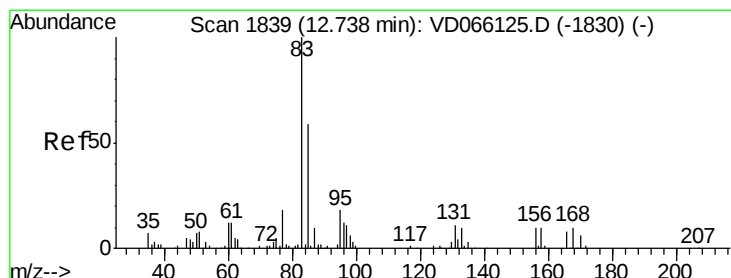
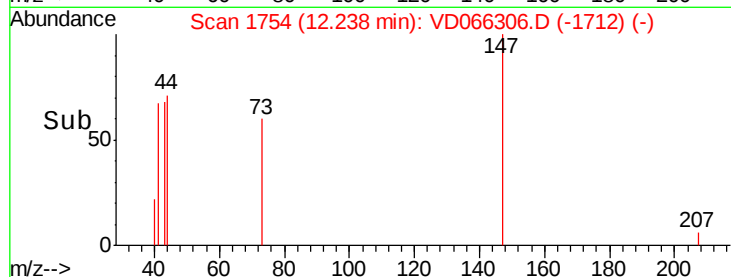
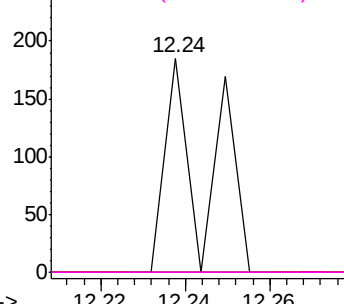


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 2.192 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.02 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

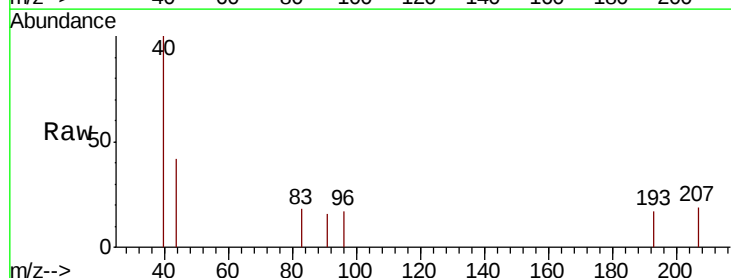
Tgt Ion: 83 Resp: 68

Ion Ratio Lower Upper

83 100

131 120.6 6.2 18.6#

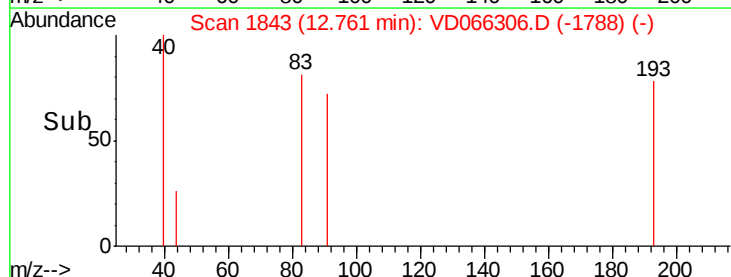
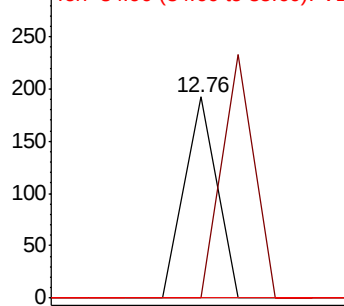
85 0.0 32.4 97.2#

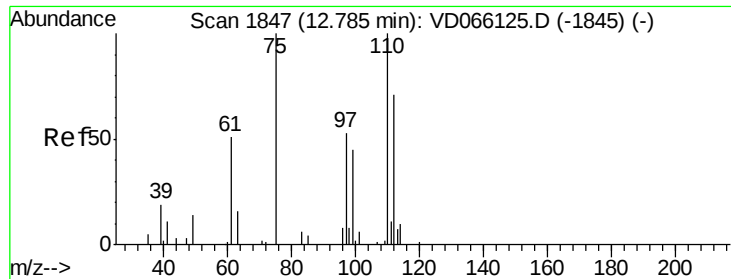


Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VDC





#76

1,2,3-Trichloropropane

Concen: 2.859 ug/l

RT: 12.67 min Scan# 1827

Delta R.T. -0.12 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

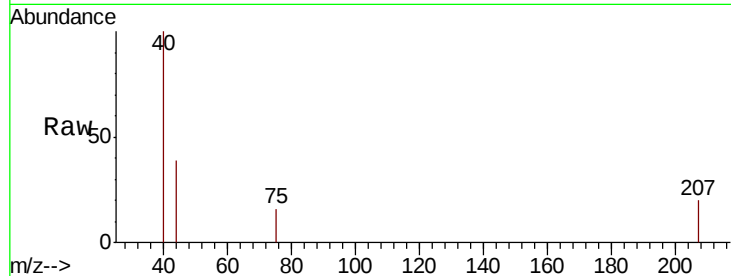
AU-06-081720

Tot Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

400

300

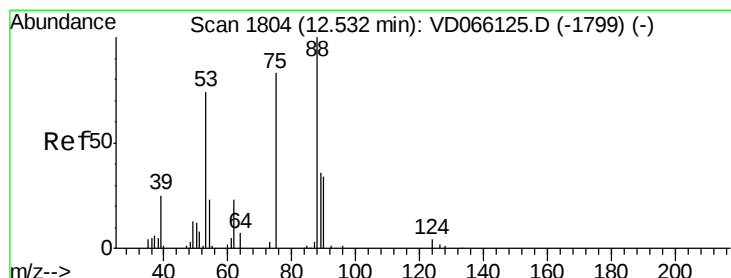
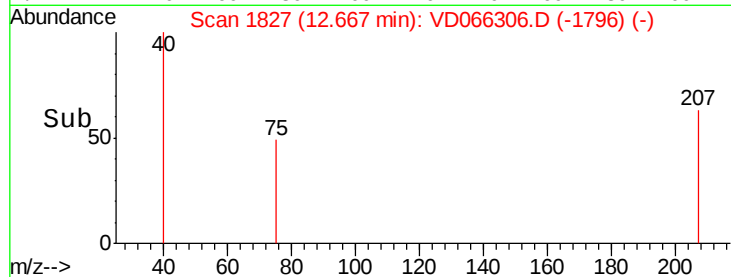
200

100

0

12.66 12.67 12.68

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 128.844 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

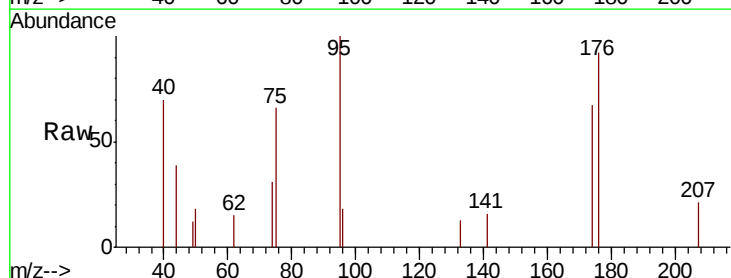
Tgt Ion: 75 Resp: 1325

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

1200

1000

800

600

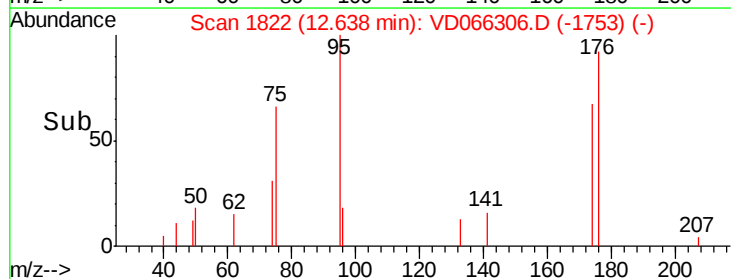
400

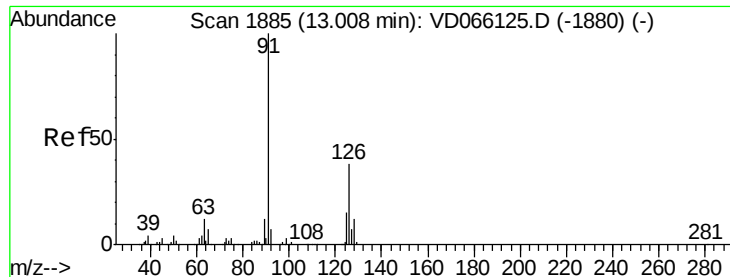
200

0

12.60 12.65

Time-->





#82

4-Chlorotoluene

Concen: 1.347 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

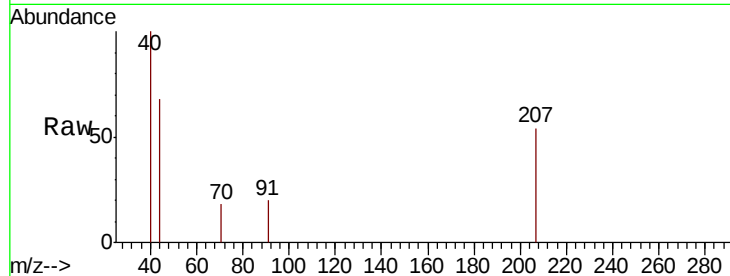
AU-06-081720

Tot Ion: 91 Resp: 172

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V

13.00

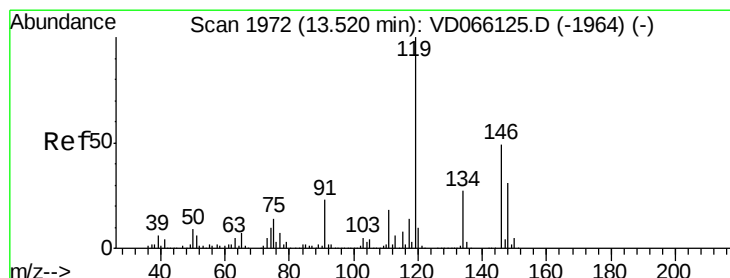
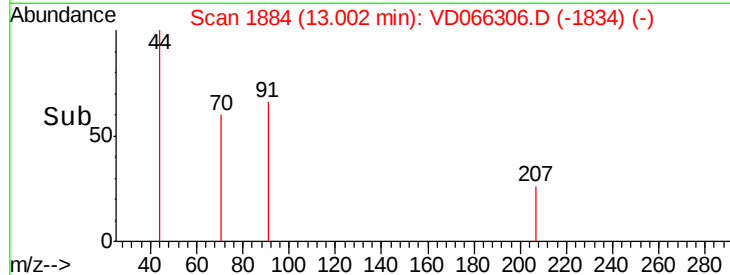
150

100

50

0

Time-->



#87

1,3-Dichlorobenzene

Concen: 1.374 ug/l

RT: 13.59 min Scan# 1984

Delta R.T. 0.07 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

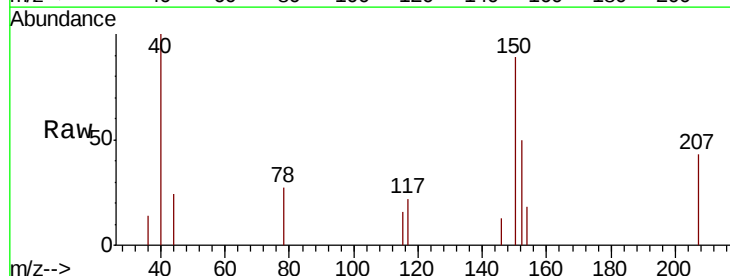
Tgt Ion: 146 Resp: 121

Ion Ratio Lower Upper

146 100

111 0.0 18.9 56.9#

148 0.0 31.8 95.3#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

250

200

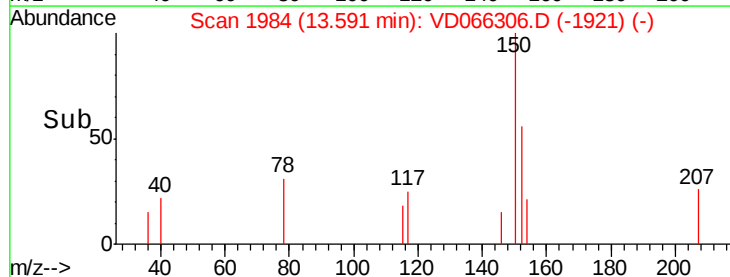
150

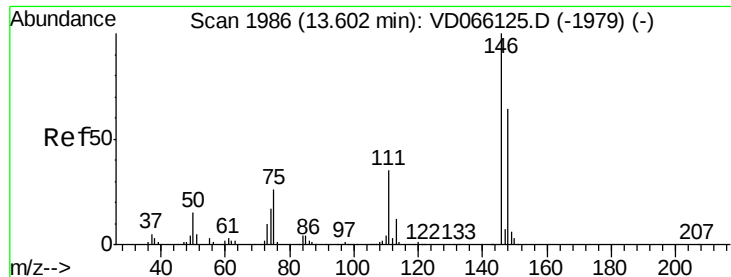
100

50

0

Time-->

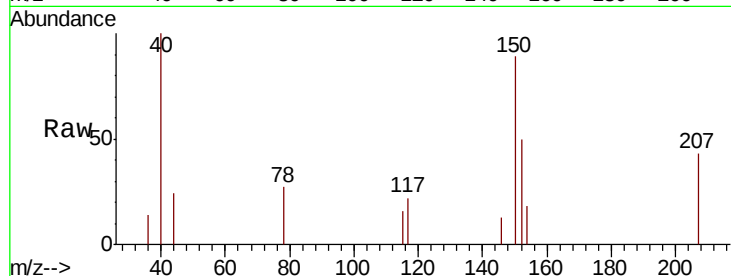




#88
 1,4-Dichlorobenzene
 Concen: 1.378 ug/l
 RT: 13.59 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: VD066306.D
 Acq: 19 Aug 2020 06:17

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-081720

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.6	55.8#
148	0.0	32.4	97.0#

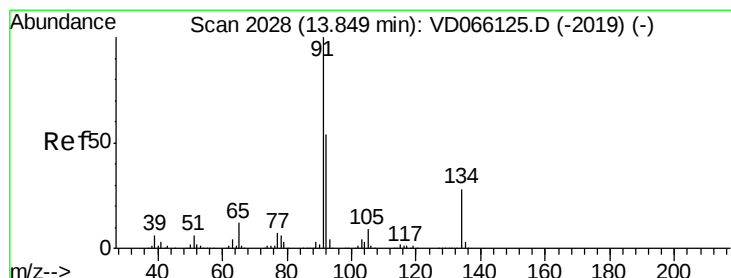
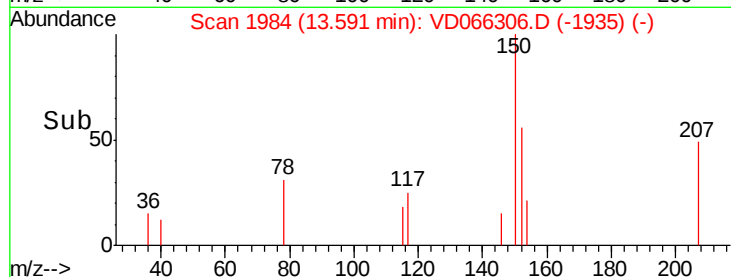
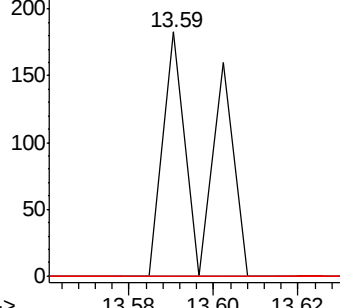


Abundance

Ion 145.90 (145.60 to 146.60): V

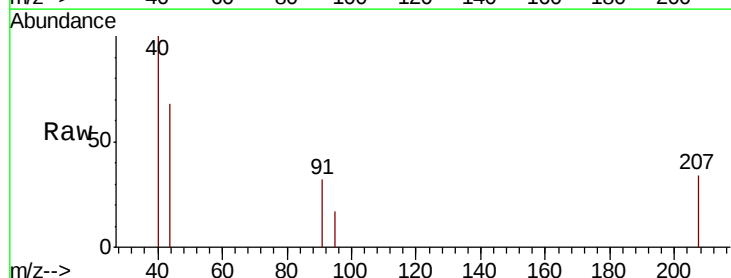
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89
 n-Butylbenzene
 Concen: 1.060 ug/l
 RT: 13.85 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: VD066306.D
 Acq: 19 Aug 2020 06:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.3#
134	0.0	14.0	41.9#

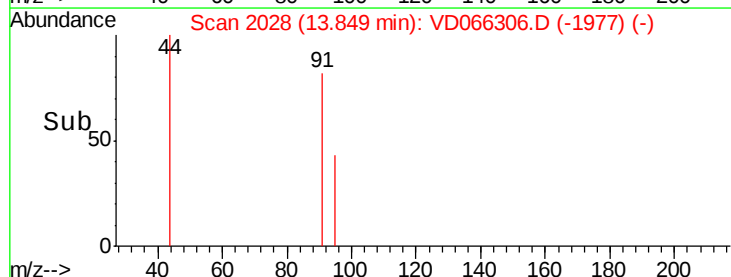
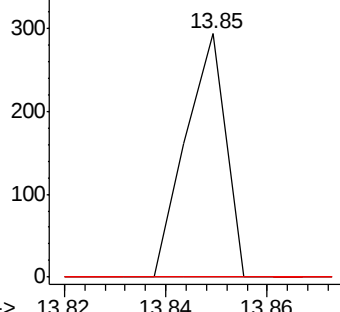


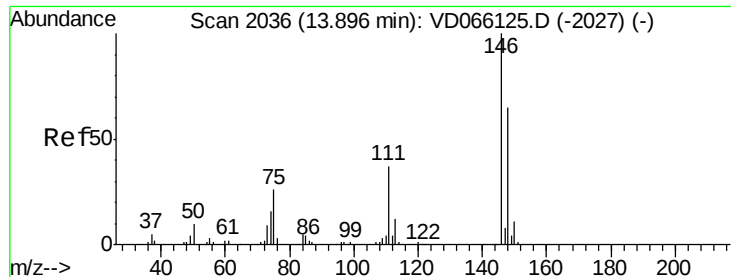
Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 1.670 ug/l

RT: 13.88 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

AU-06-081720

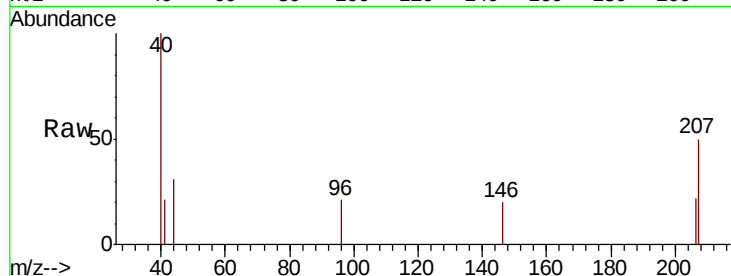
Tot Ion:146 Resp: 130

Ion Ratio Lower Upper

146 100

111 0.0 18.8 56.3#

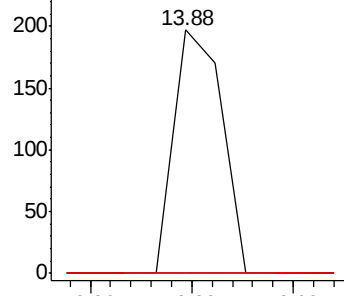
148 0.0 31.9 95.5#



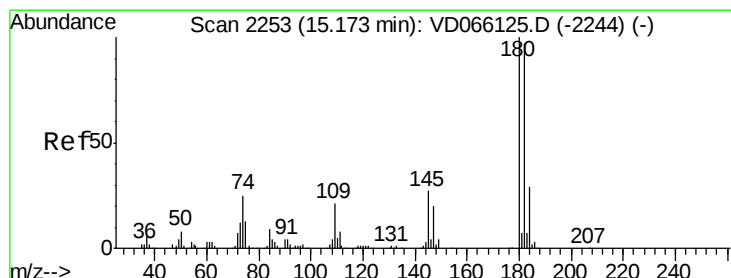
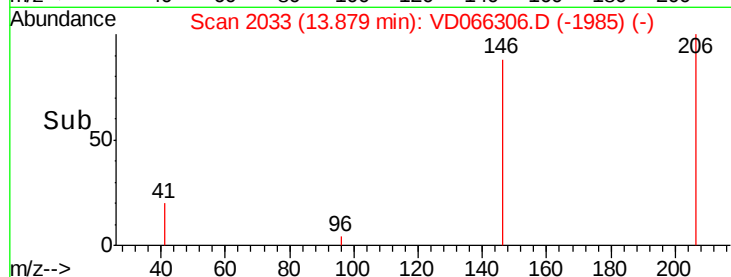
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.342 ug/l

RT: 15.17 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

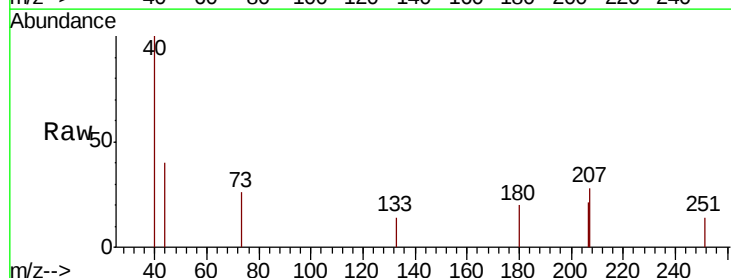
Tgt Ion:180 Resp: 77

Ion Ratio Lower Upper

180 100

182 0.0 47.4 142.2#

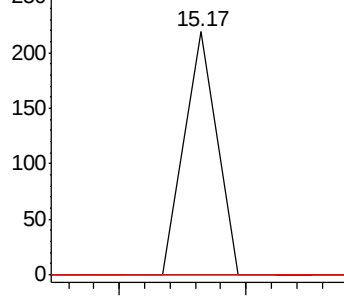
145 0.0 14.5 43.6#



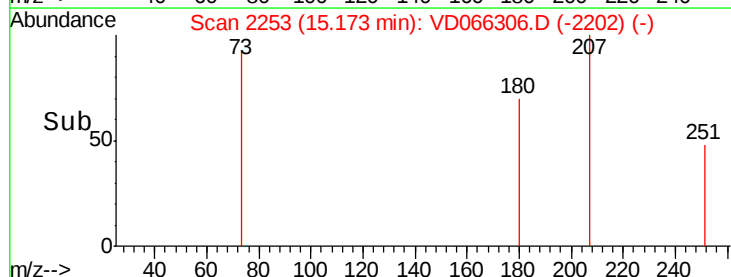
Abundance Ion 179.80 (179.50 to 180.50): V

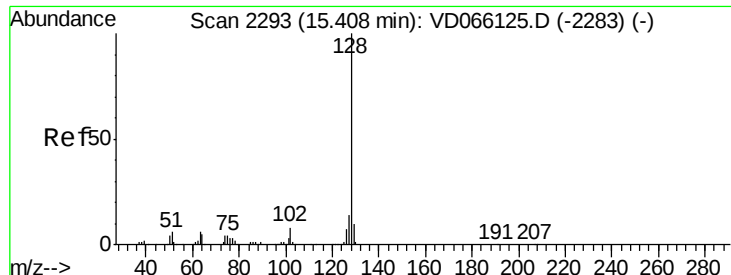
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->





#95

Naphthalene

Concen: 1.572 ug/l

RT: 15.40 min Scan# 2291

Delta R.T. -0.01 min

Lab File: VD066306.D

Acq: 19 Aug 2020 06:17

Instrument :

MSVOA_D

ClientSampleId :

AU-06-081720

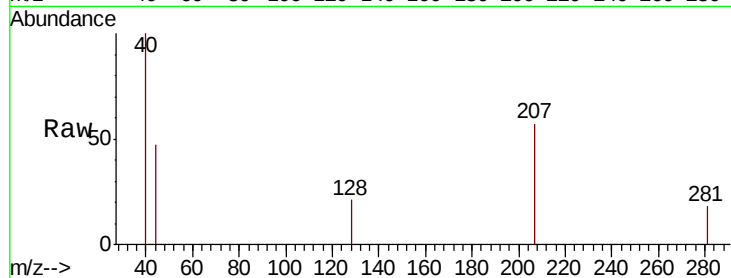
Tot Ion:128 Resp: 147

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.8 13.2#



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

