

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066600.D
 Acq On : 10 Sep 2020 00:48
 Operator : VA/SY
 Sample : L3931-01
 Misc : 4.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-1

Quant Time: Sep 10 02:39:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	24143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	42534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	43962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	18670	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	25383	86.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	173.80%	
35) Dibromofluoromethane	7.92	113	19631	68.42	ug/l	0.01
Spiked Amount	50.000		Recovery	=	136.84%	
50) Toluene-d8	10.34	98	53327	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.63	95	18249	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.00	85	252	Below Cal	#	1
3) Chloromethane	2.21	50	944	3.092	ug/l #	42
4) Vinyl Chloride	2.35	62	797	2.354	ug/l #	74
5) Bromomethane	2.78	94	1355	1.958	ug/l	98
6) Chloroethane	2.93	64	538	2.501	ug/l #	43
7) Trichlorofluoromethane	3.29	101	848	1.695	ug/l #	69
9) 1,1,2-Trichlorotrifluoroet	4.10	101	356	1.315	ug/l #	42
10) Methyl Iodide	4.29	142	802	7.009	ug/l #	43
12) 1,1-Dichloroethene	4.07	96	312	1.283	ug/l #	37
13) Acrolein	3.70	56	57	4.772	ug/l #	16
16) Acetone	4.16	43	201477	3748.626	ug/l	98
18) Methyl Acetate	4.72	43	14526	113.376	ug/l	98
20) Methylene Chloride	4.97	84	1885	Below Cal	#	32
25) 2-Butanone	7.21	43	262	3.631	ug/l #	51
29) Tetrahydrofuran	7.55	42	79	1.758	ug/l #	35
31) Cyclohexane	7.97	56	1993	4.182	ug/l #	87
36) 1,1-Dichloropropene	8.10	75	767	1.733	ug/l #	64
38) Carbon Tetrachloride	7.97	117	3039	6.495	ug/l #	13
40) Benzene	8.34	78	1575	1.299	ug/l #	51
41) Methacrylonitrile	7.58	41	176	2.063	ug/l #	35
49) 1,4-Dioxane	9.52	88	56	30.347	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	305	1.790	ug/l #	37
52) Toluene	10.40	92	976	1.272	ug/l #	75
60) Dibromochloromethane	10.87	129	688	2.406	ug/l #	10
64) Tetrachloroethene	10.87	164	446	1.507	ug/l #	57
68) m/p-Xylenes	11.84	106	791	1.279	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	10868	60.527	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	10868	141.310	ug/l #	6
85) sec-Butylbenzene	13.40	105	1379	1.007	ug/l #	69
87) 1,3-Dichlorobenzene	13.53	146	804	1.314	ug/l #	42
93) 1,2,4-Trichlorobenzene	15.16	180	410	1.278	ug/l #	53
95) Naphthalene	15.40	128	1210	2.158	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.60	180	542	1.981	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

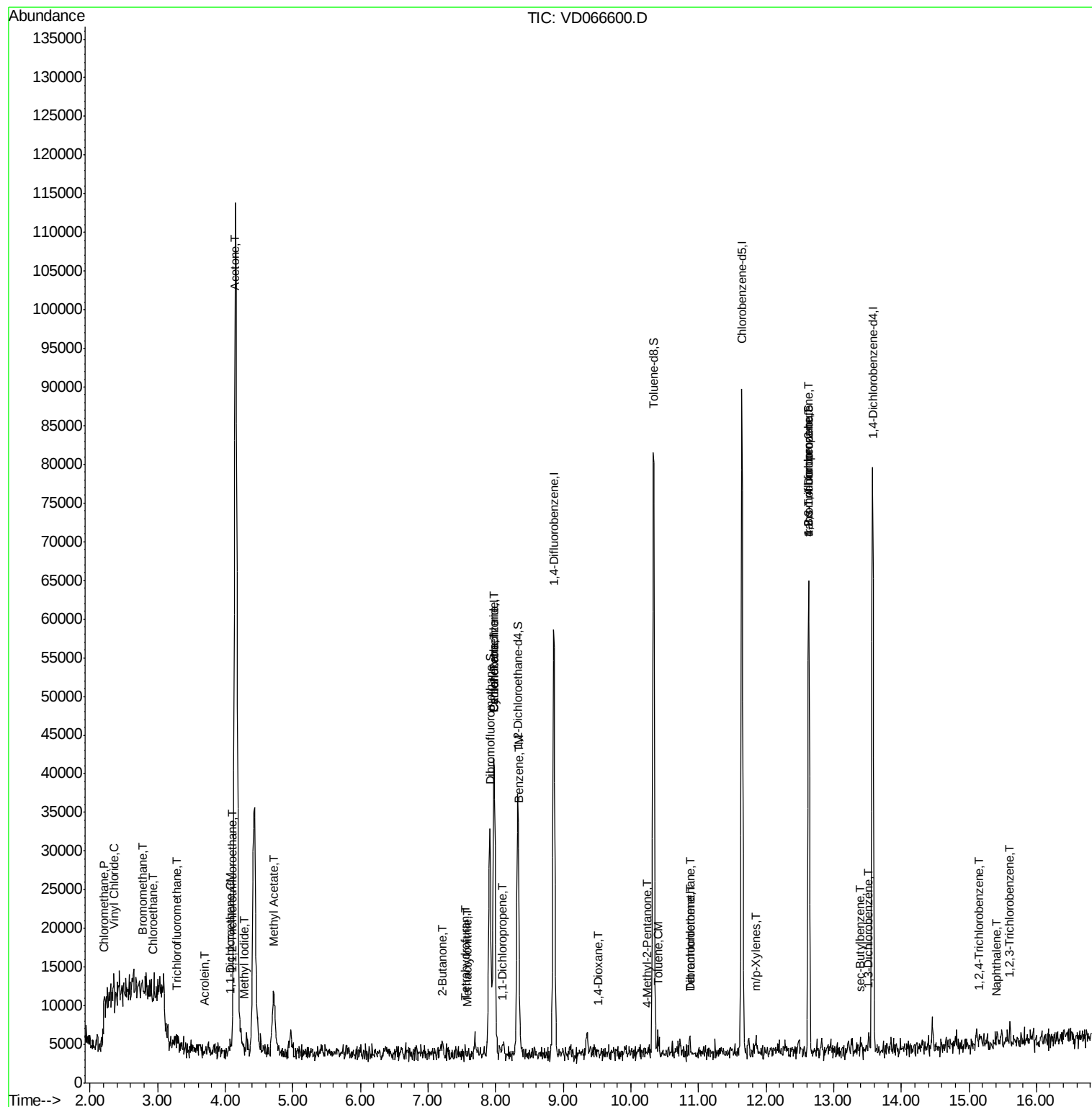
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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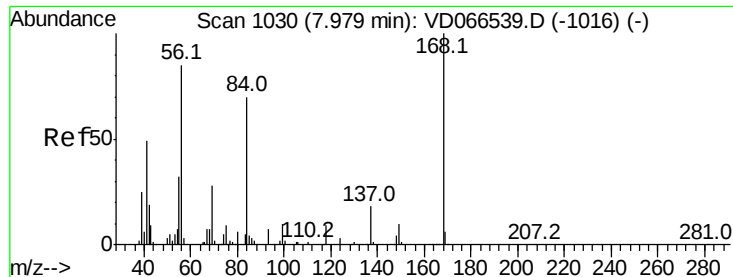
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

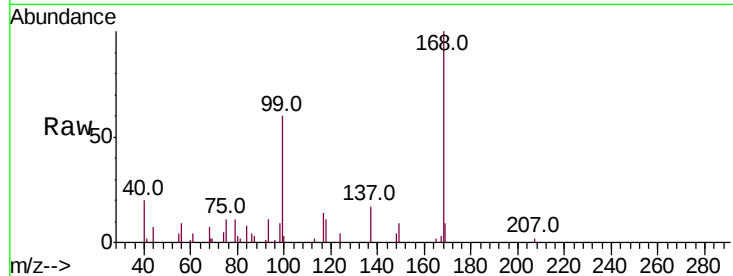
SP-1-1

Tot Ion:168 Resp: 24143

Ion Ratio Lower Upper

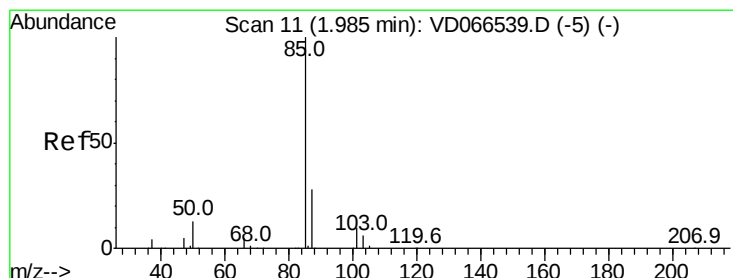
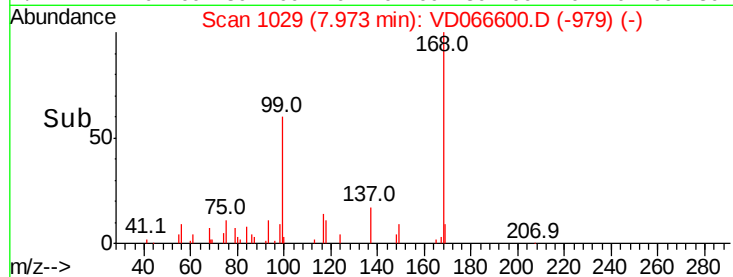
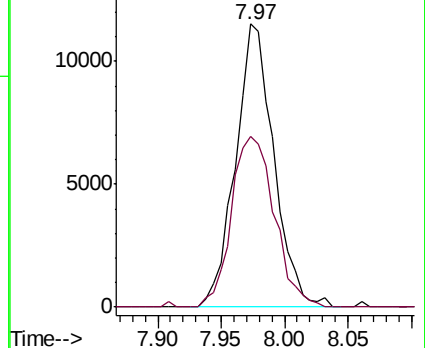
168 100

99 60.4 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD066600.D

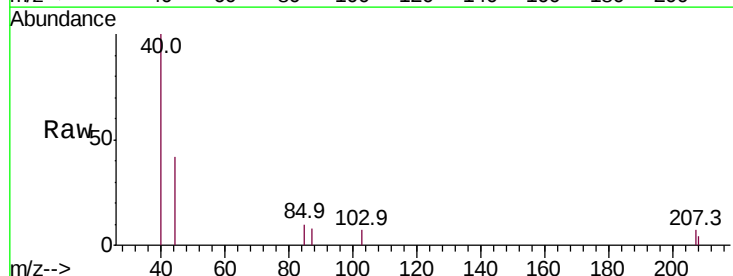
Acq: 10 Sep 2020 00:48

Tgt Ion: 85 Resp: 252

Ion Ratio Lower Upper

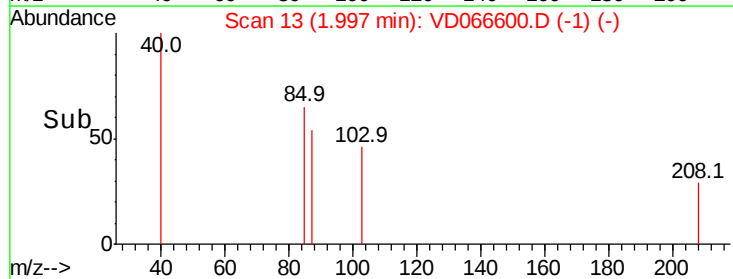
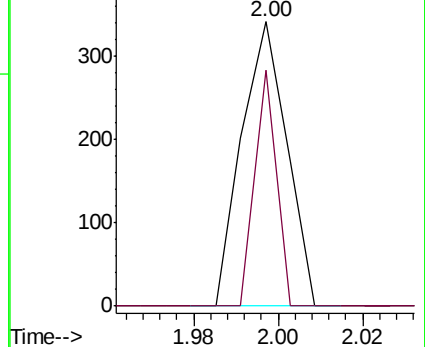
85 100

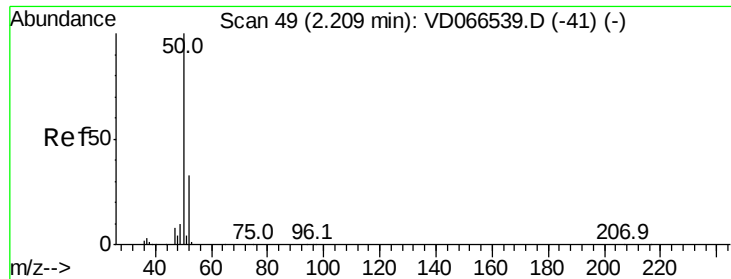
87 82.7 14.2 42.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 3.092 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

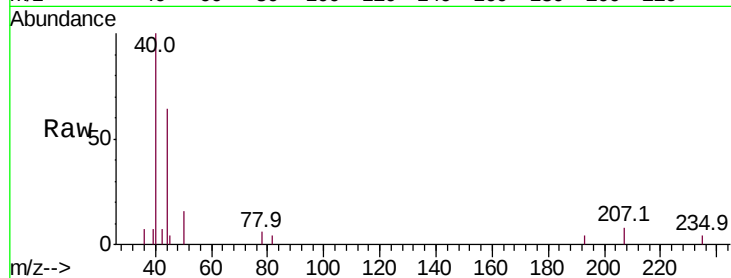
SP-1-1

Tot Ion: 50 Resp: 944

Ion Ratio Lower Upper

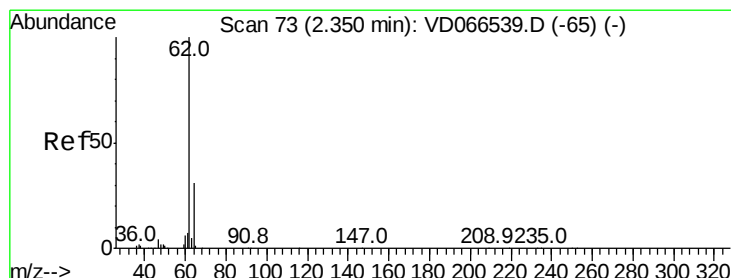
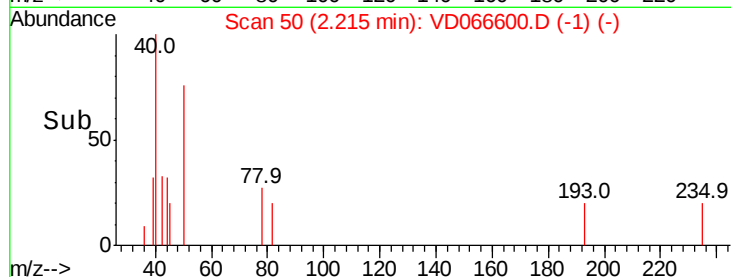
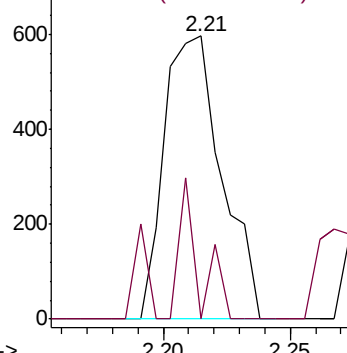
50 100

52 0.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 2.354 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066600.D

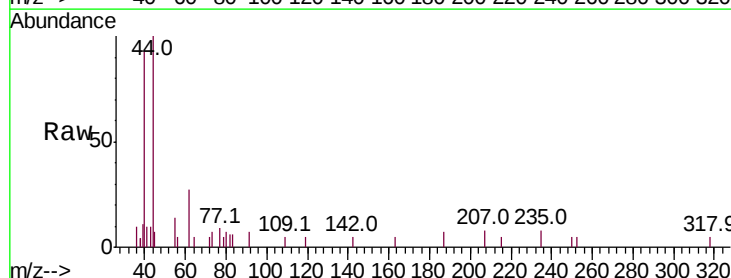
Acq: 10 Sep 2020 00:48

Tgt Ion: 62 Resp: 797

Ion Ratio Lower Upper

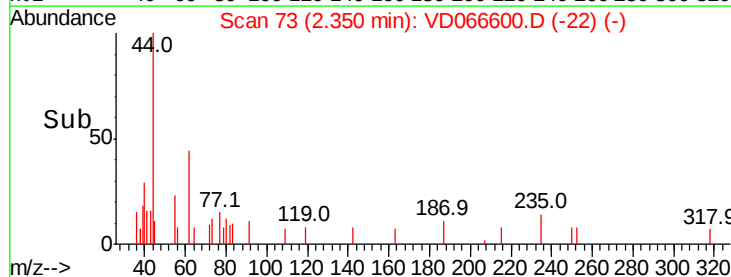
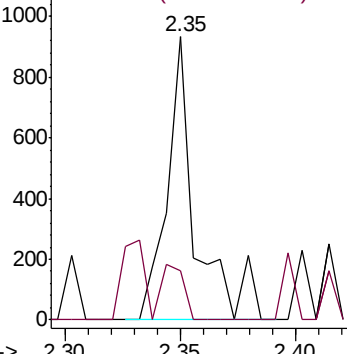
62 100

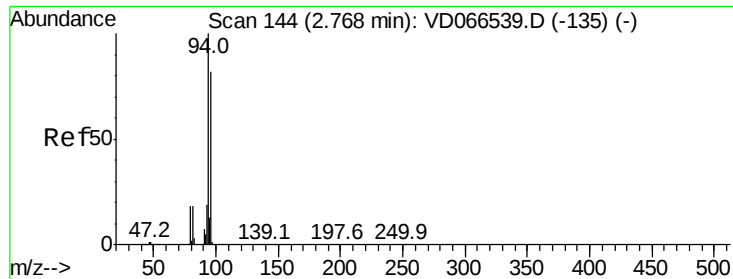
64 17.3 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 1.958 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

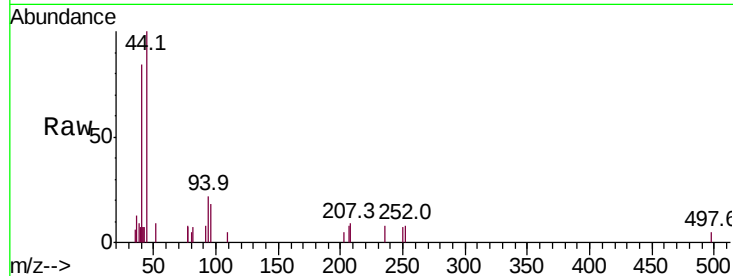
SP-1-1

Tot Ion: 94 Resp: 1355

Ion Ratio Lower Upper

94 100

96 83.5 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

600

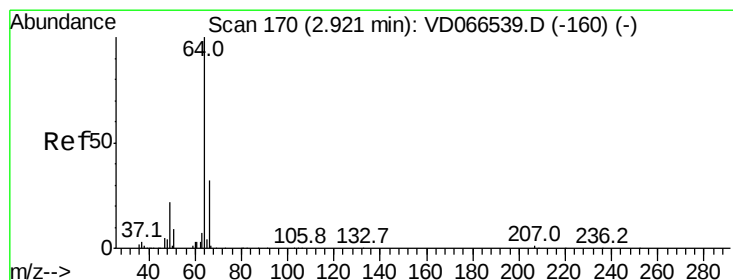
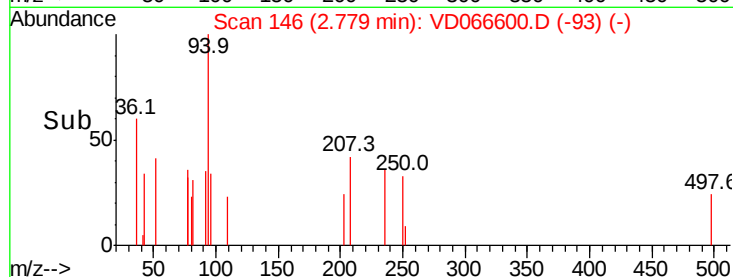
400

200

0

2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 2.501 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD066600.D

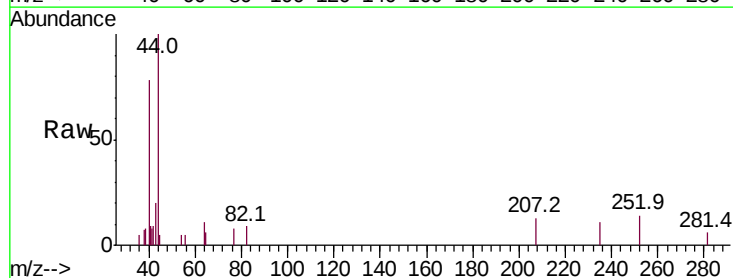
Acq: 10 Sep 2020 00:48

Tgt Ion: 64 Resp: 538

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

400

300

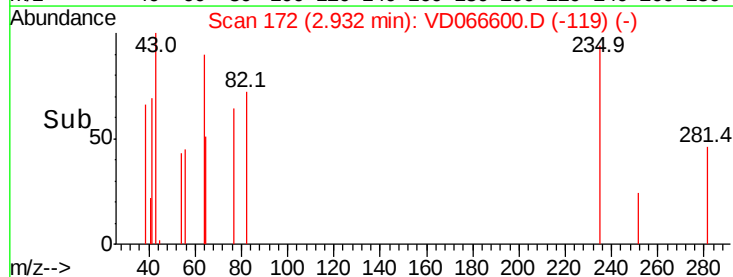
200

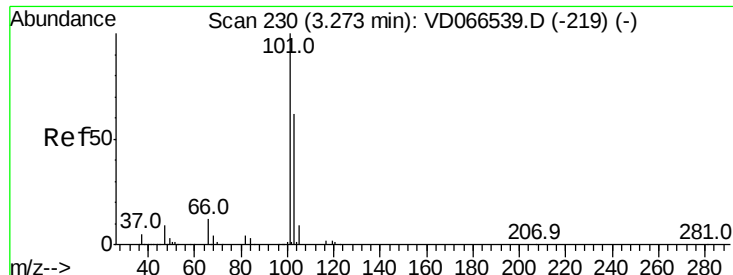
100

0

2.88 2.90 2.92 2.94 2.96

Time-->





#7

Trichlorofluoromethane

Concen: 1.695 ug/l

RT: 3.29 min Scan# 232

Delta R.T. 0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampled :

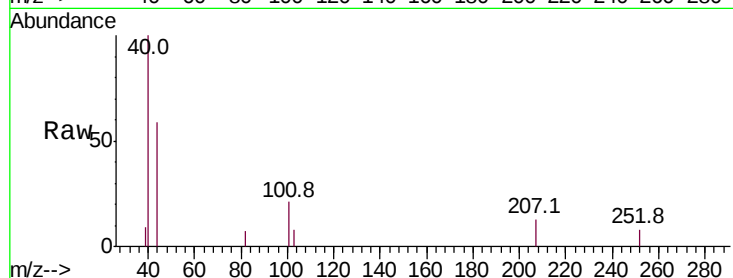
SP-1-1

Tot Ion:101 Resp: 848

Ion Ratio Lower Upper

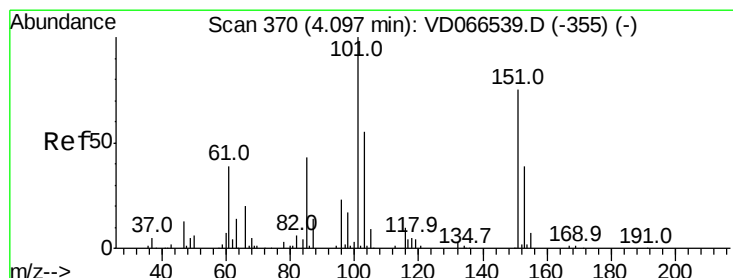
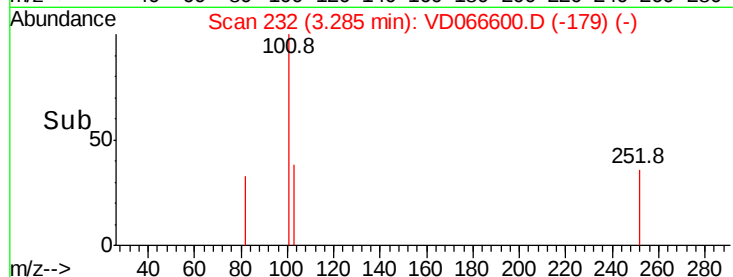
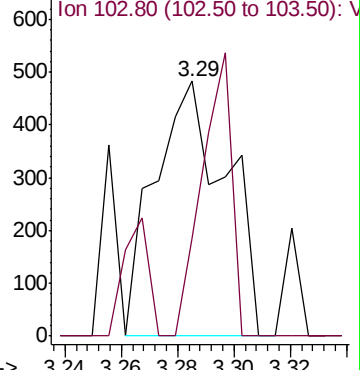
101 100

103 38.2 49.7 74.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.315 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

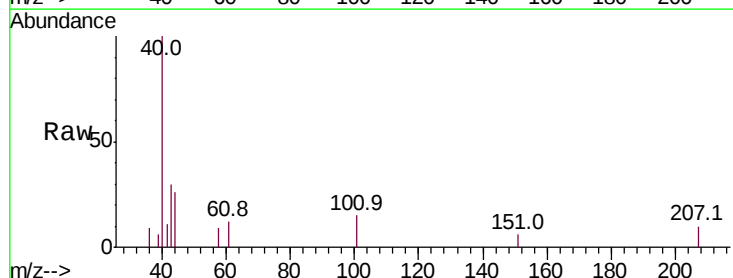
Tgt Ion:101 Resp: 356

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

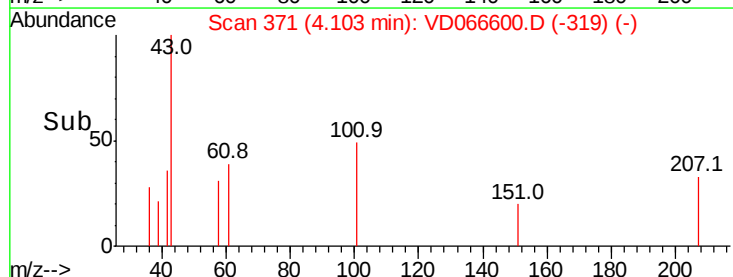
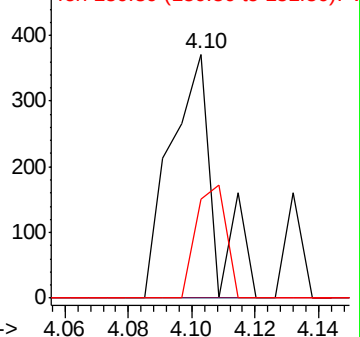
151 32.0 59.4 89.2#

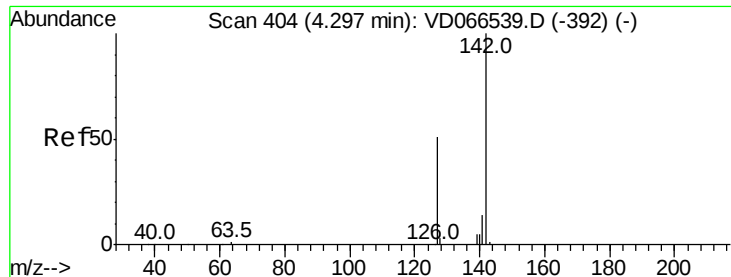


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V





#10

Methyl Iodide

Concen: 7.009 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleID :

SP-1-1

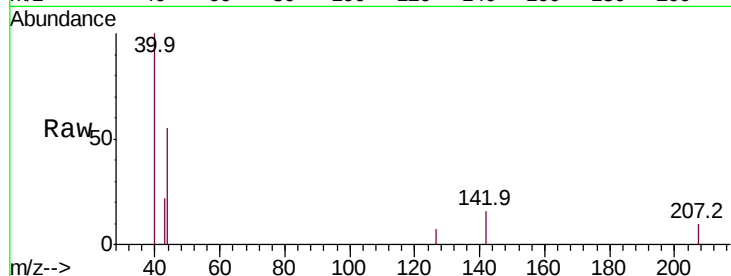
Tot Ion:142 Resp: 802

Ion Ratio Lower Upper

142 100

127 7.2 40.6 61.0#

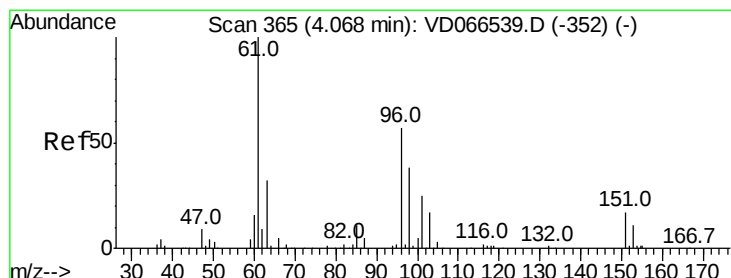
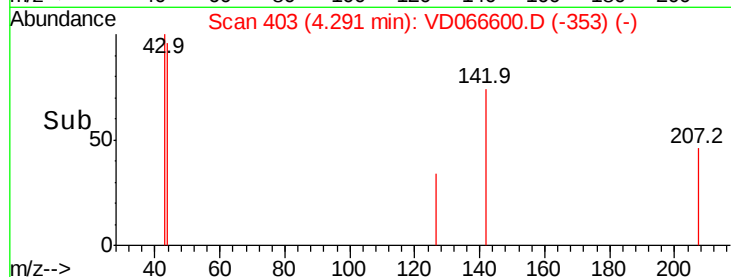
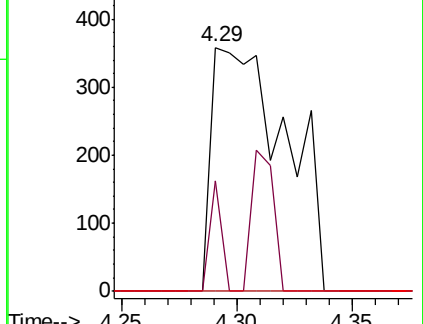
141 0.0 12.2 18.4#



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: 1.283 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

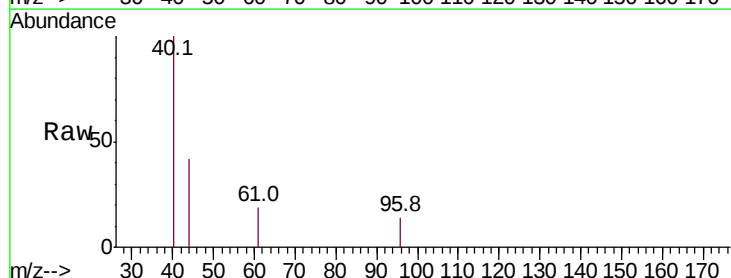
Tgt Ion: 96 Resp: 312

Ion Ratio Lower Upper

96 100

61 97.7 140.9 211.3#

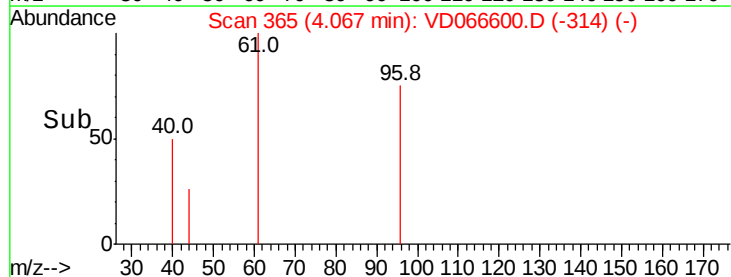
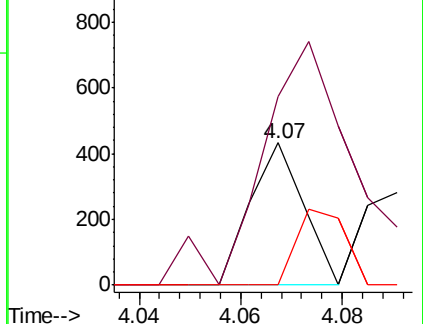
98 0.0 53.2 79.8#

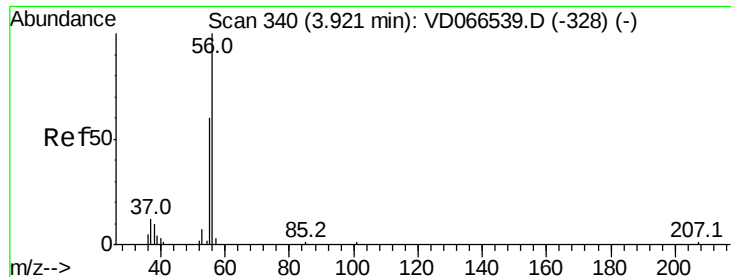


Abundance Ion 95.90 (95.60 to 96.60): V

Ion 60.90 (60.60 to 61.60): V

Ion 97.90 (97.60 to 98.60): V





#13

Acrolein

Concen: 4.772 ug/l

RT: 3.70 min Scan# 302

Delta R.T. -0.22 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

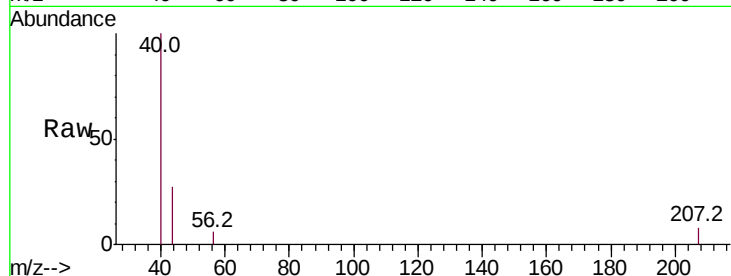
SP-1-1

Tot Ion: 56 Resp: 57

Ion Ratio Lower Upper

56 100

55 0.0 53.6 80.4#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.70

150

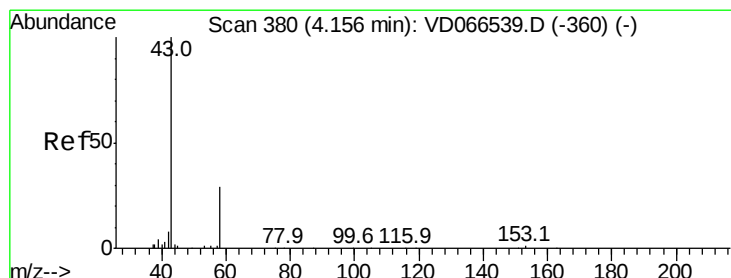
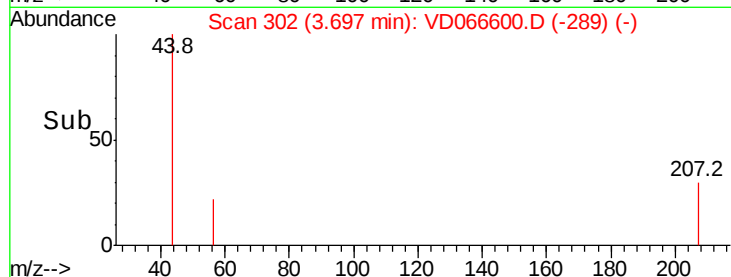
100

50

0

3.68 3.69 3.70 3.71

Time-->



#16

Acetone

Concen: 3748.626 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066600.D

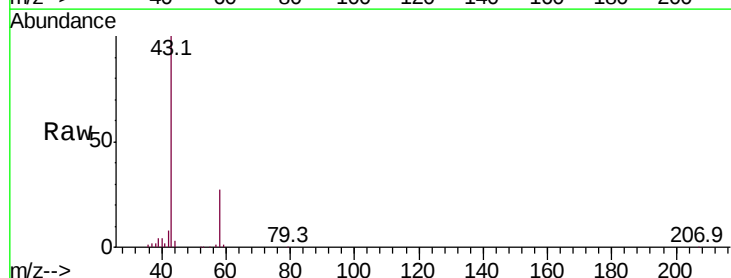
Acq: 10 Sep 2020 00:48

Tgt Ion: 43 Resp: 201477

Ion Ratio Lower Upper

43 100

58 27.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

80000

60000

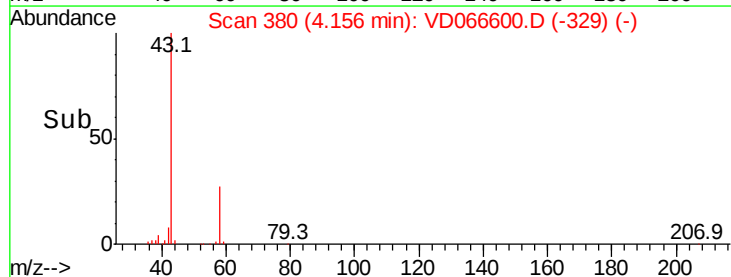
40000

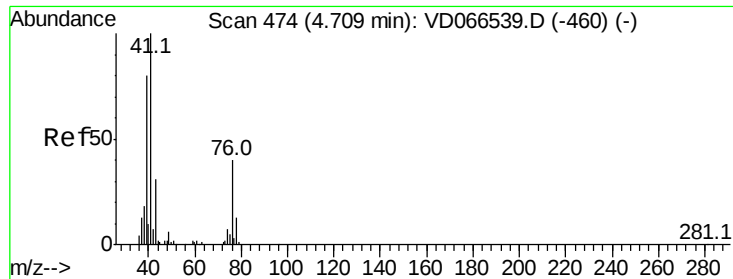
20000

0

4.00 4.10 4.20 4.30

Time-->

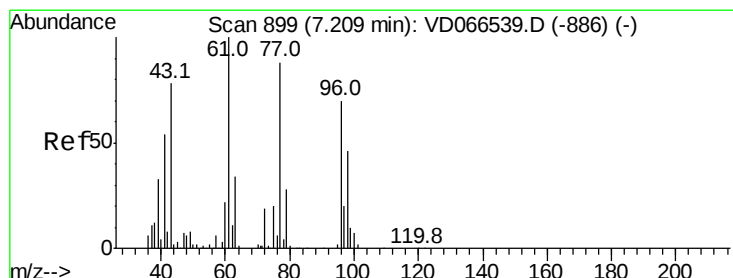
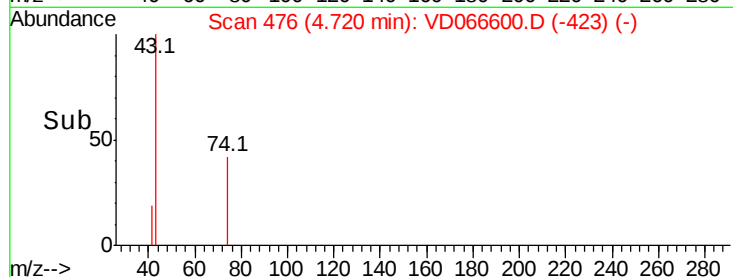
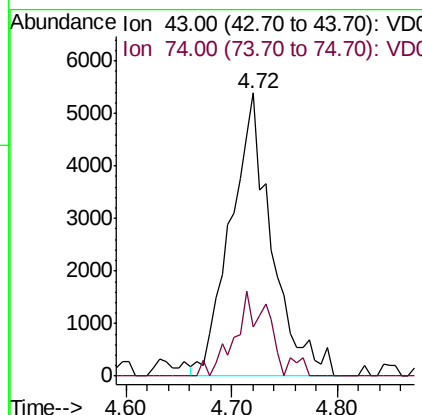
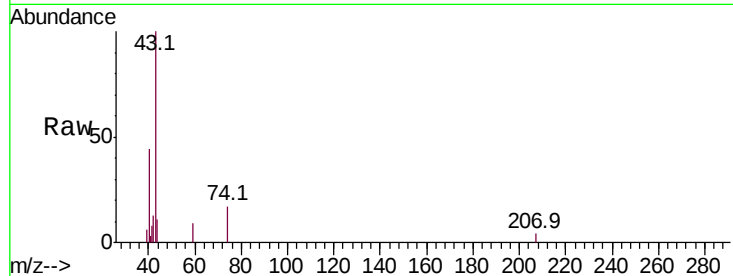




#18
Methyl Acetate
Concen: 113.376 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

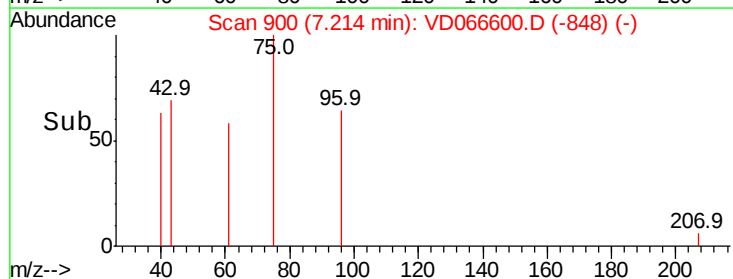
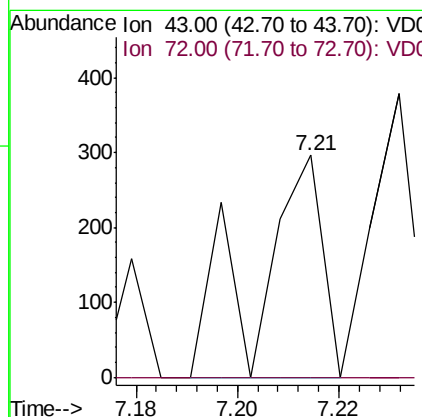
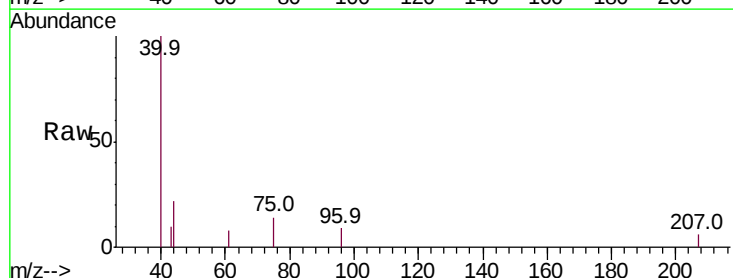
Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

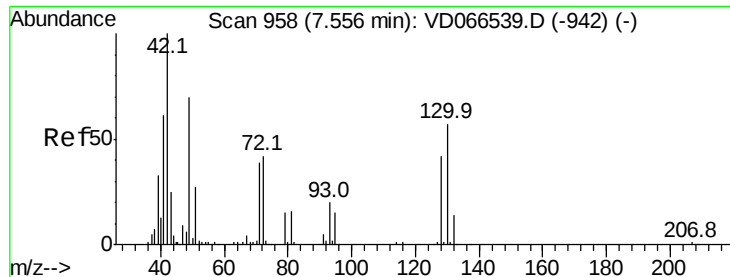
Tot Ion: 43 Resp: 14526
Ion Ratio Lower Upper
43 100
74 23.7 18.0 27.0



#25
2-Butanone
Concen: 3.631 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#





#29

Tetrahydrofuran

Concen: 1.758 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

SP-1-1

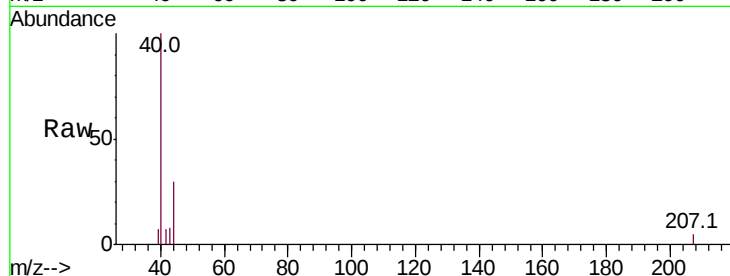
Tot Ion: 42 Resp: 79

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

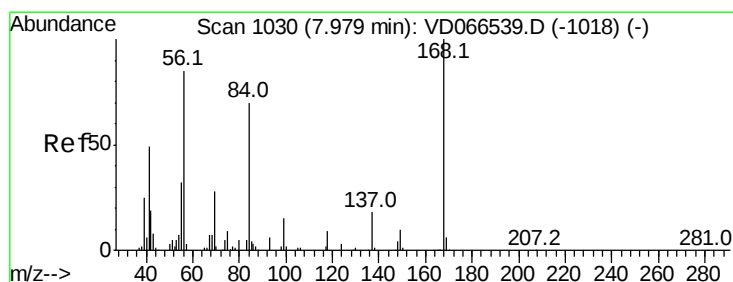
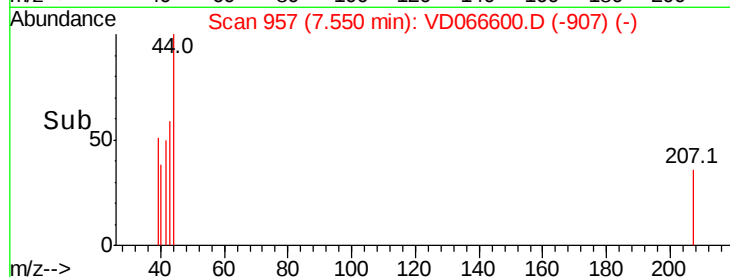
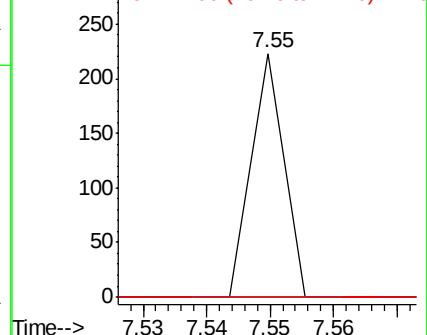
71 0.0 31.9 47.9#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#31

Cyclohexane

Concen: 4.182 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

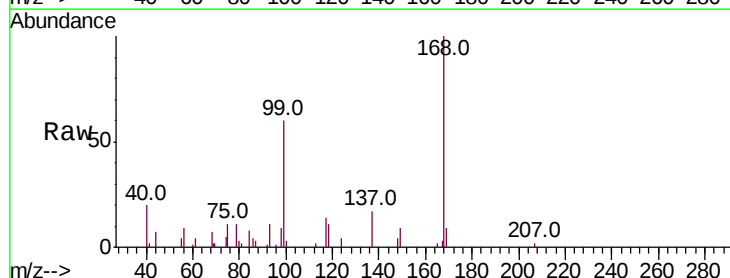
Tgt Ion: 56 Resp: 1993

Ion Ratio Lower Upper

56 100

69 51.0 26.3 39.5#

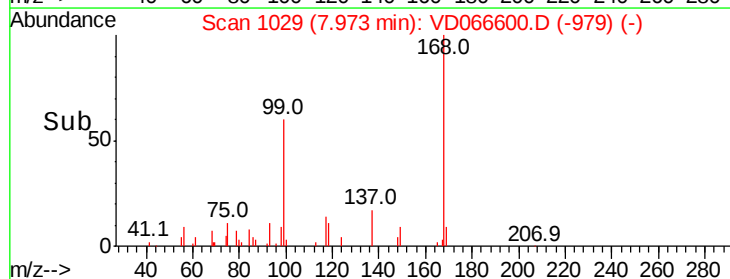
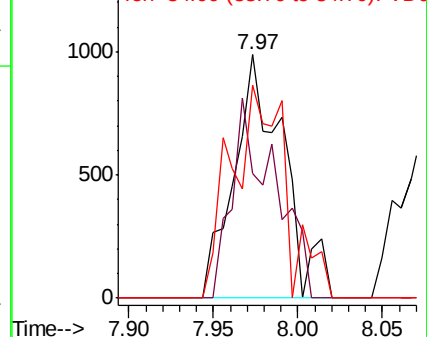
84 87.7 66.1 99.1

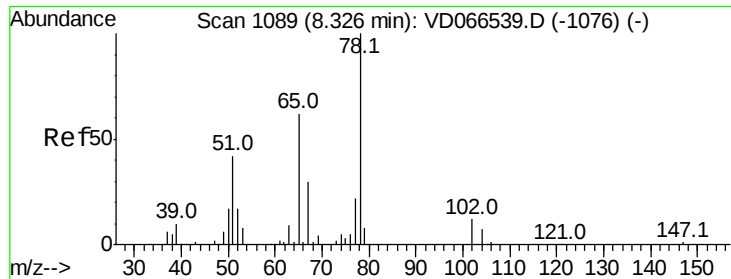


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 86.896 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

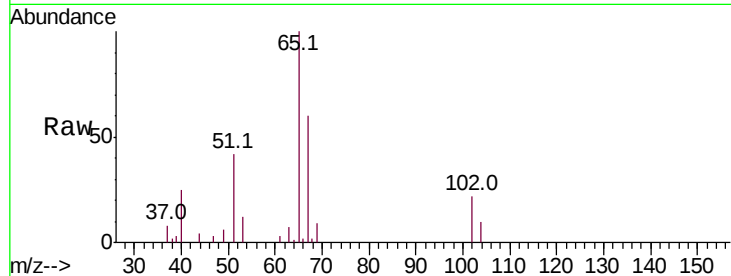
SP-1-1

Tot Ion: 65 Resp: 25383

Ion Ratio Lower Upper

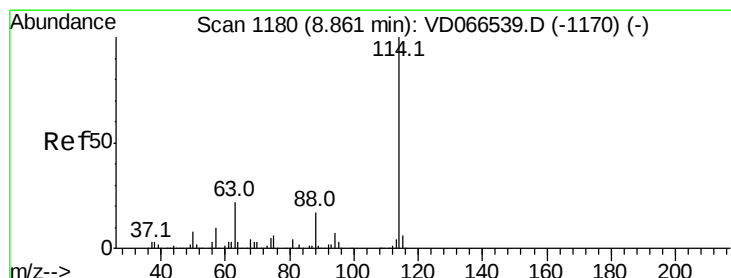
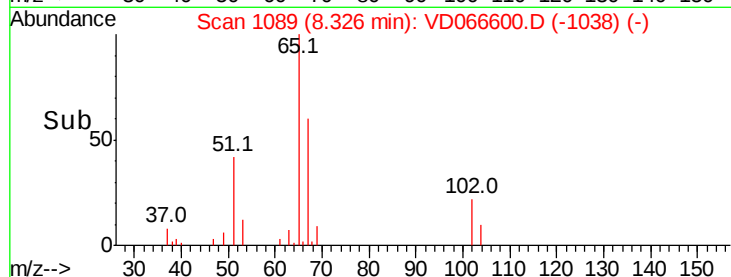
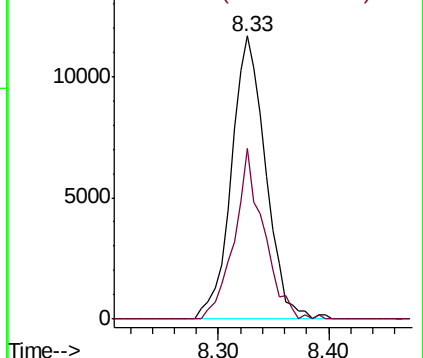
65 100

67 51.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

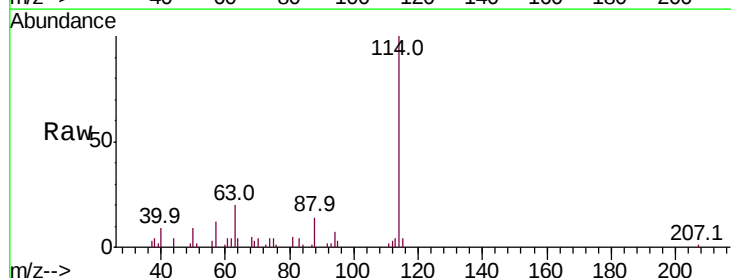
Tgt Ion: 114 Resp: 42534

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

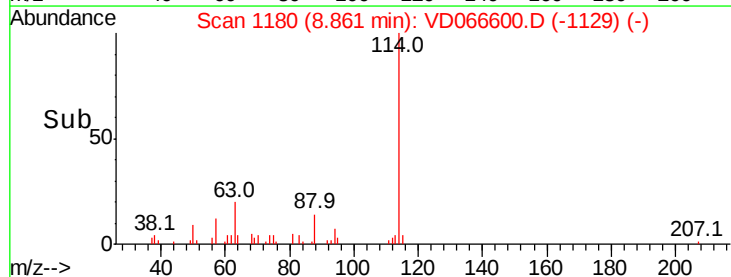
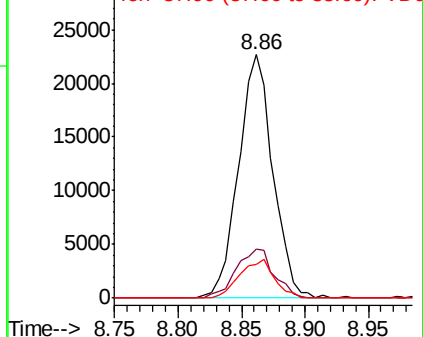
88 14.0 0.0 33.2

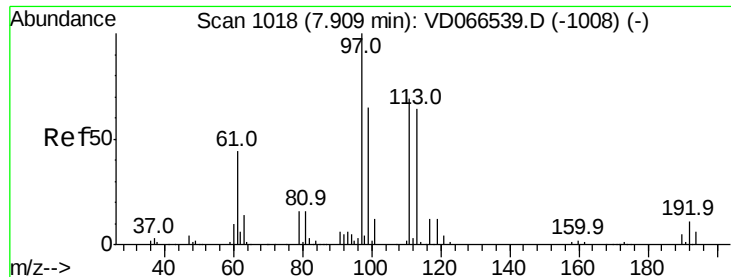


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

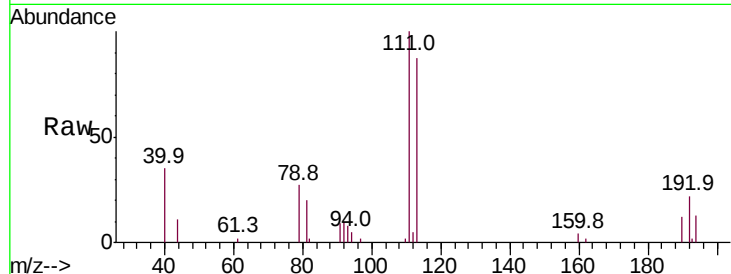




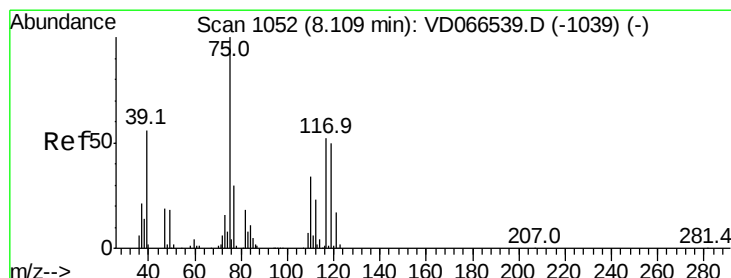
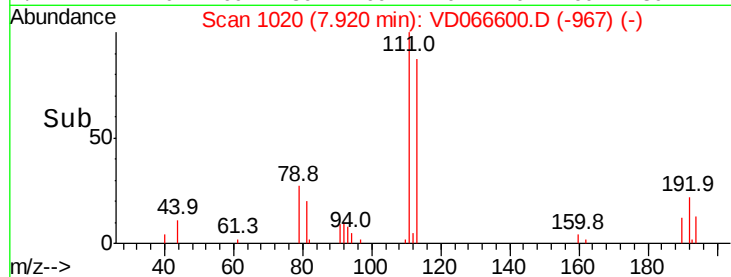
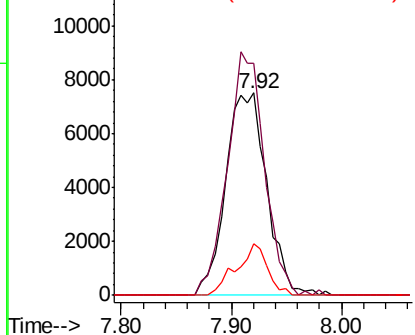
#35
 Dibromofluoromethane
 Concen: 68.415 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD066600.D
 Acq: 10 Sep 2020 00:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-1

Tot Ion:113 Resp: 19631
 Ion Ratio Lower Upper
 113 100
 111 107.9 83.2 124.8
 192 19.2 13.7 20.5

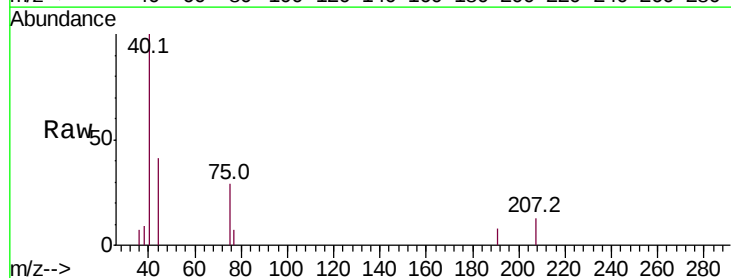


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

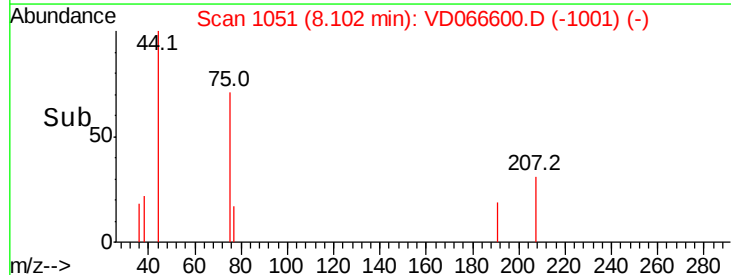
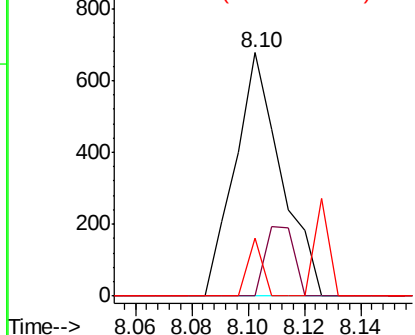


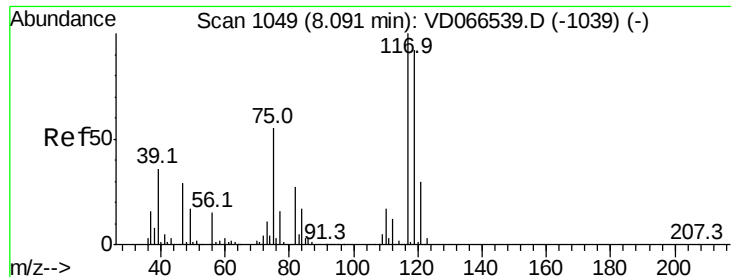
#36
 1,1-Dichloropropene
 Concen: 1.733 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066600.D
 Acq: 10 Sep 2020 00:48

Tgt Ion: 75 Resp: 767
 Ion Ratio Lower Upper
 75 100
 110 17.5 17.3 52.0
 77 7.3 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 6.495 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

SP-1-1

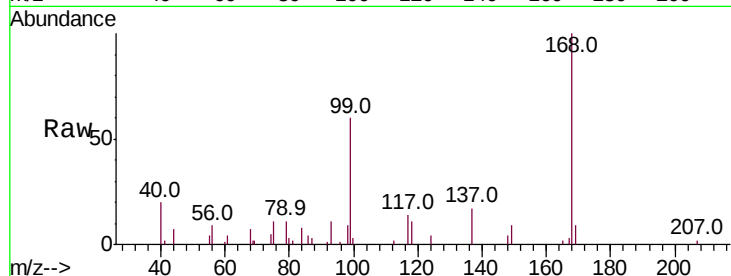
Tot Ion:117 Resp: 3039

Ion Ratio Lower Upper

117 100

119 0.0 73.9 110.9#

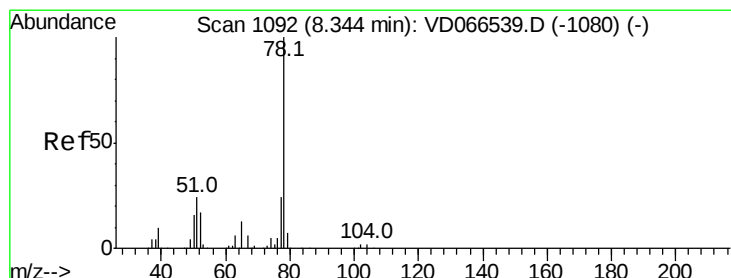
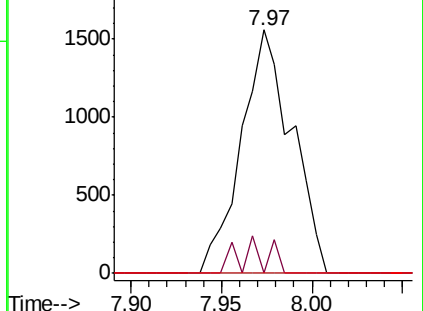
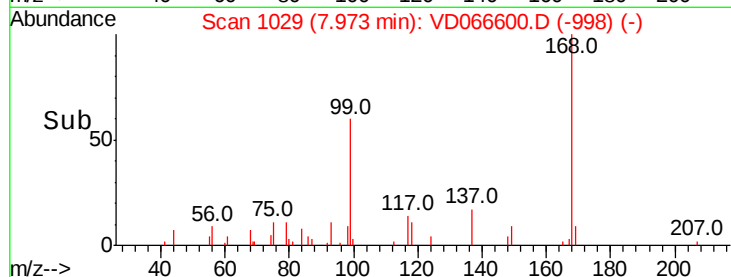
121 0.0 24.1 36.1#



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



#40

Benzene

Concen: 1.299 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VD066600.D

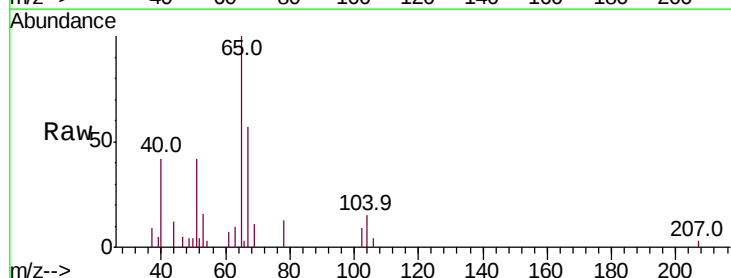
Acq: 10 Sep 2020 00:48

Tgt Ion: 78 Resp: 1575

Ion Ratio Lower Upper

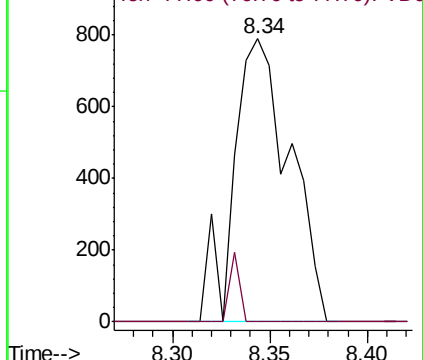
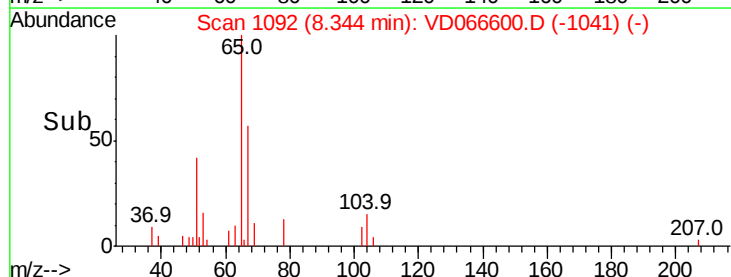
78 100

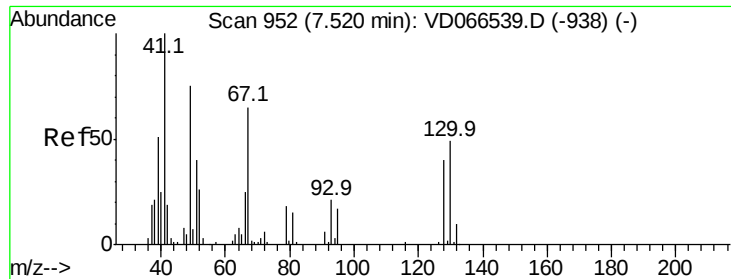
77 0.0 19.1 28.7#



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V

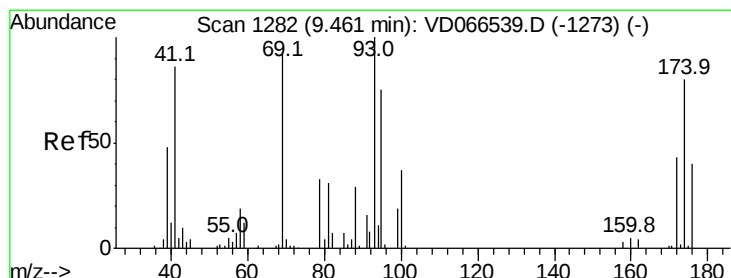
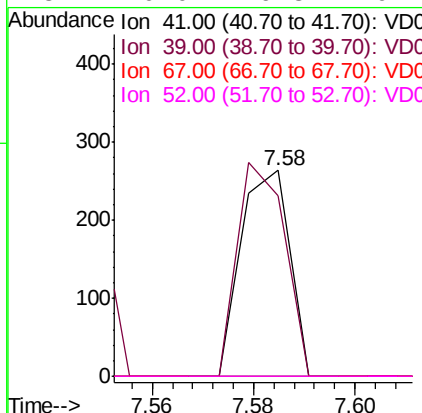
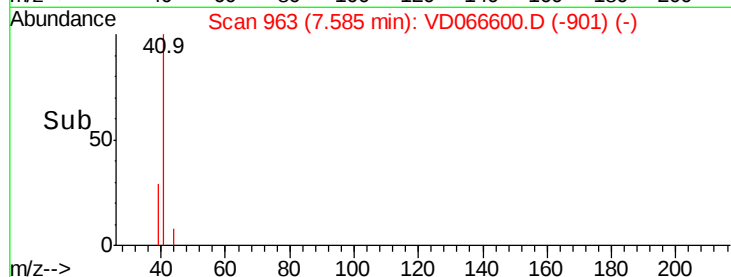
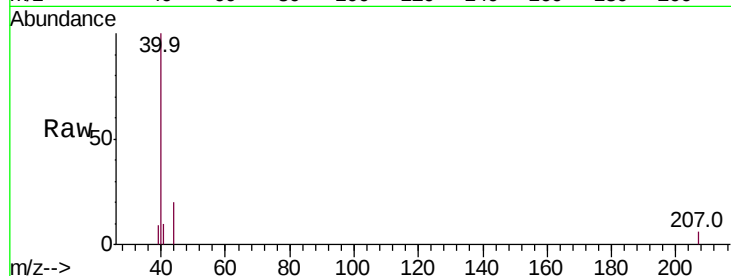




#41
Methacrylonitrile
Concen: 2.063 ug/l
RT: 7.58 min Scan# 963
Delta R.T. 0.06 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

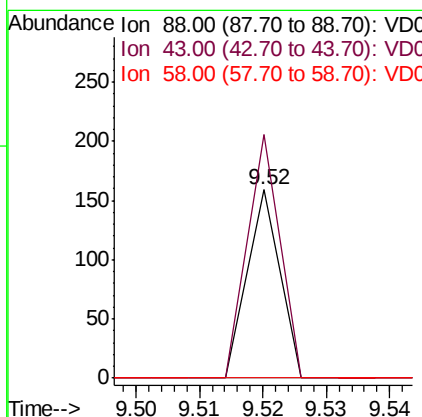
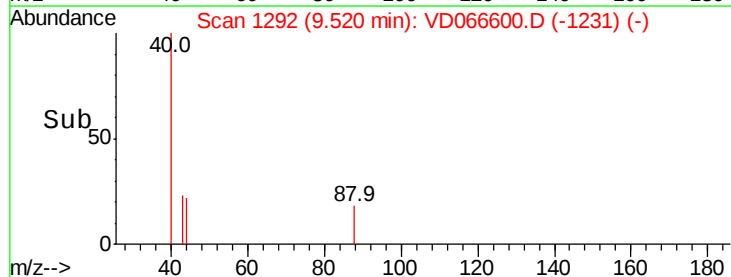
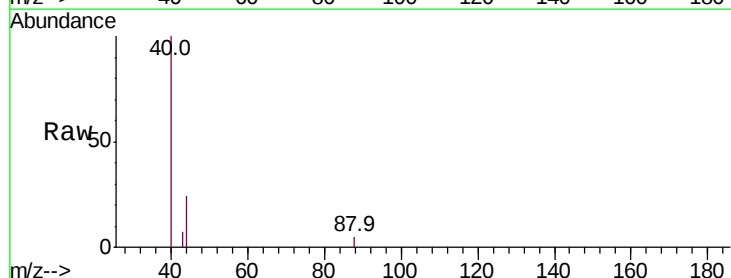
Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

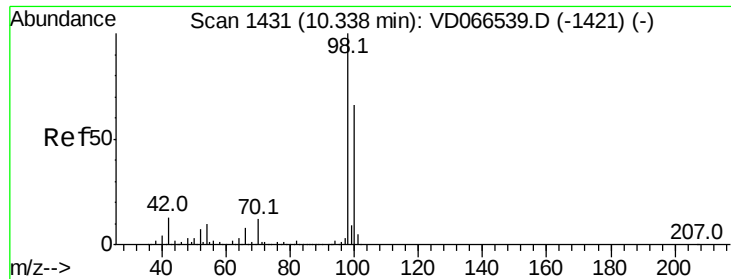
Tot Ion: 41 Resp: 176
Ion Ratio Lower Upper
41 100
39 101.7 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#49
1,4-Dioxane
Concen: 30.347 ug/l
RT: 9.52 min Scan# 1292
Delta R.T. 0.06 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 130.4 28.3 42.5#
58 0.0 56.1 84.1#





#50

Toluene-d8

Concen: 51.998 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

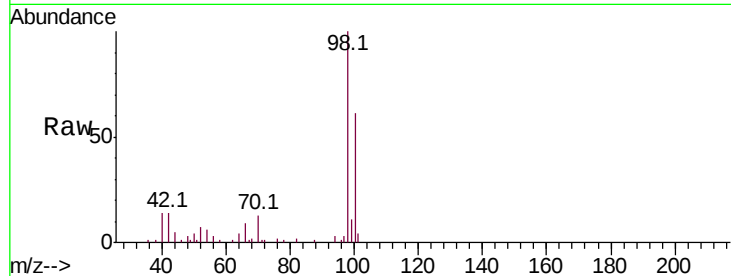
SP-1-1

Tot Ion: 98 Resp: 53327

Ion Ratio Lower Upper

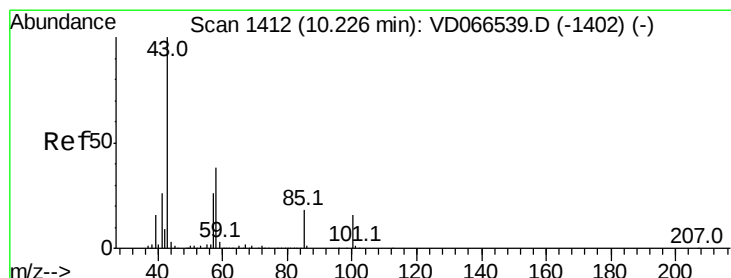
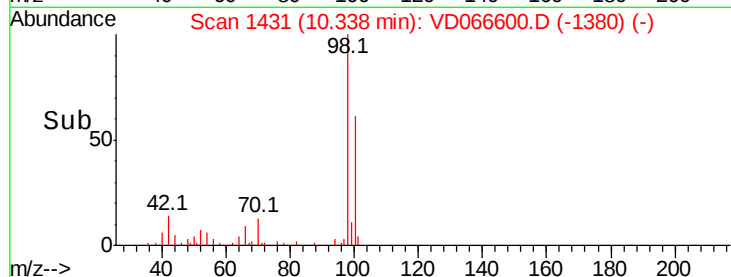
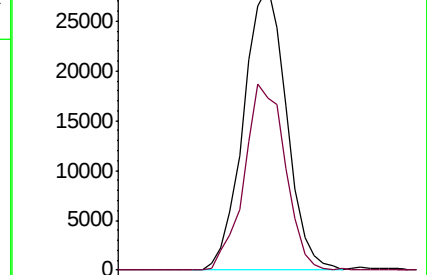
98 100

100 63.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.790 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.01 min

Lab File: VD066600.D

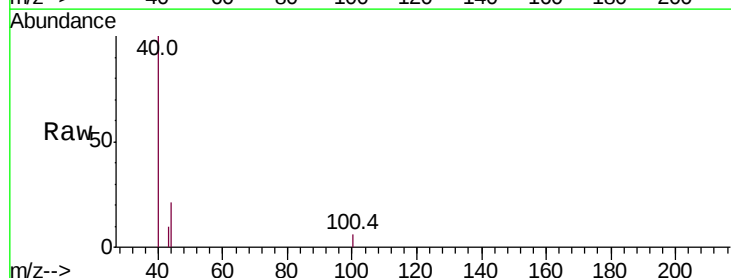
Acq: 10 Sep 2020 00:48

Tgt Ion: 43 Resp: 305

Ion Ratio Lower Upper

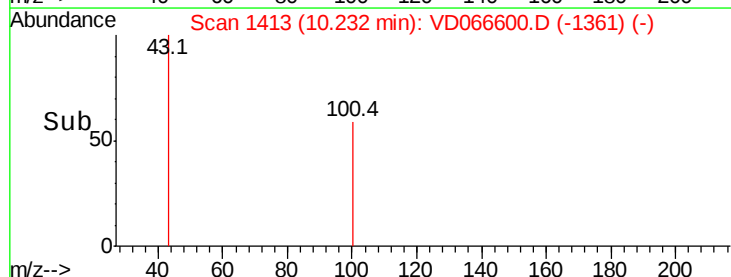
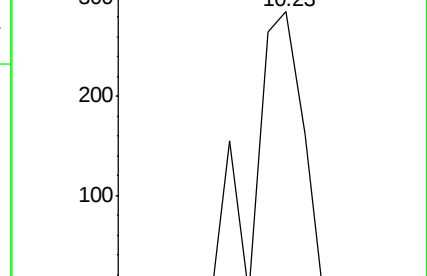
43 100

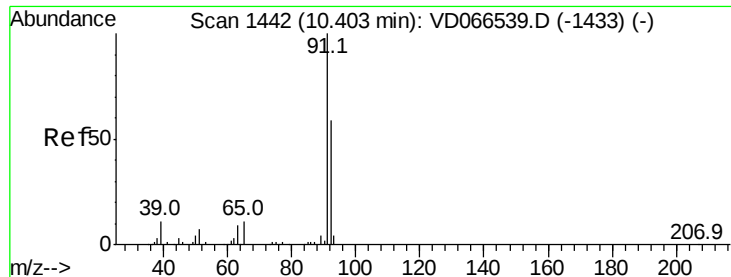
58 0.0 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#52

Toluene

Concen: 1.272 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

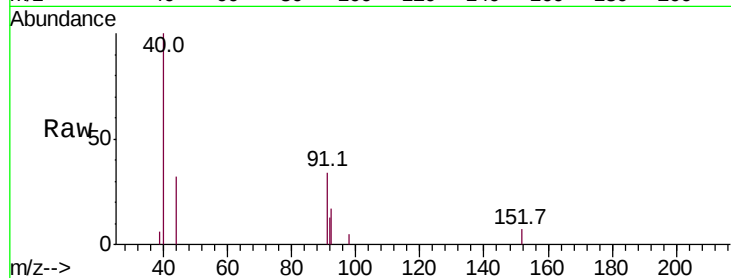
SP-1-1

Tot Ion: 92 Resp: 976

Ion Ratio Lower Upper

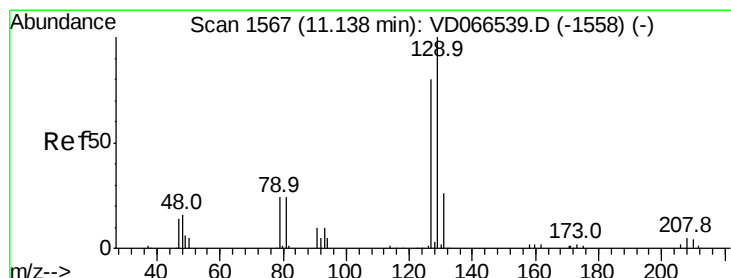
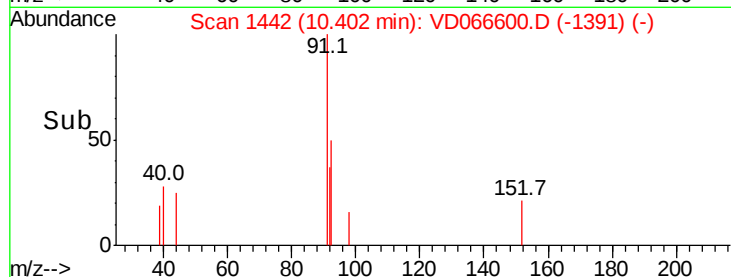
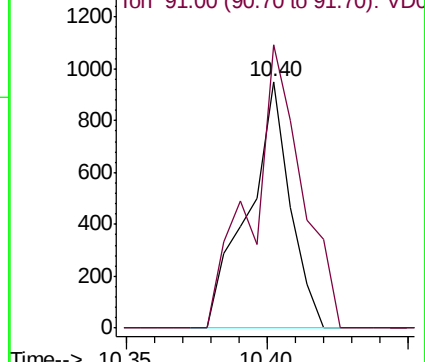
92 100

91 137.4 137.4 206.2#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#60

Dibromochloromethane

Concen: 2.406 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.26 min

Lab File: VD066600.D

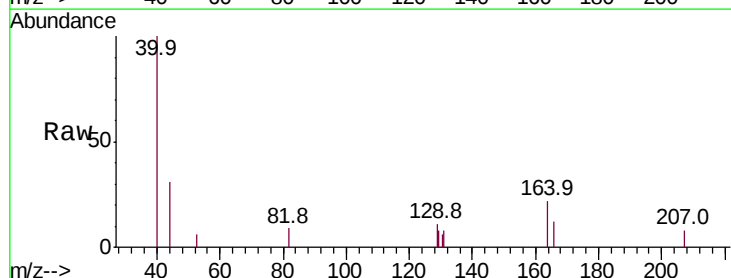
Acq: 10 Sep 2020 00:48

Tgt Ion: 129 Resp: 688

Ion Ratio Lower Upper

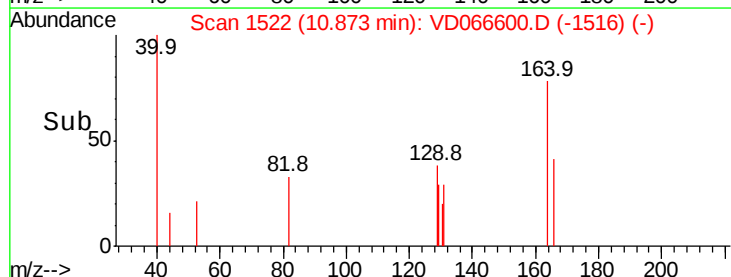
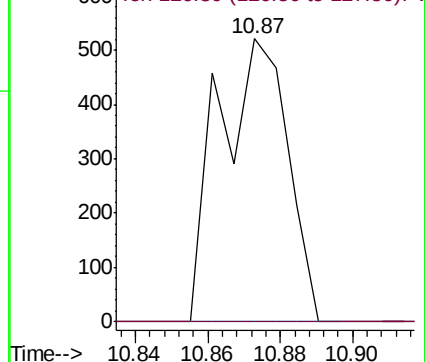
129 100

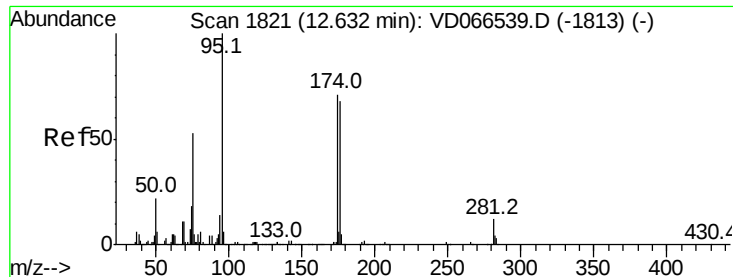
127 0.0 39.5 118.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 53.663 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

SP-1-1

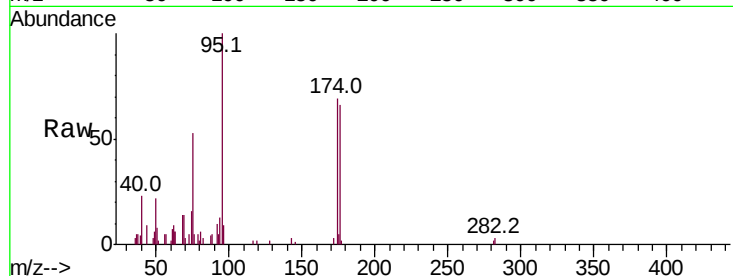
Tot Ion: 95 Resp: 18249

Ion Ratio Lower Upper

95 100

174 79.7 0.0 155.8

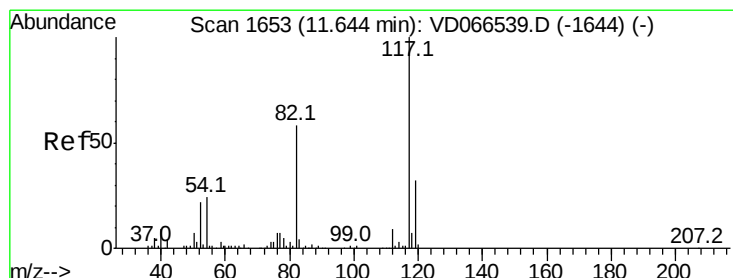
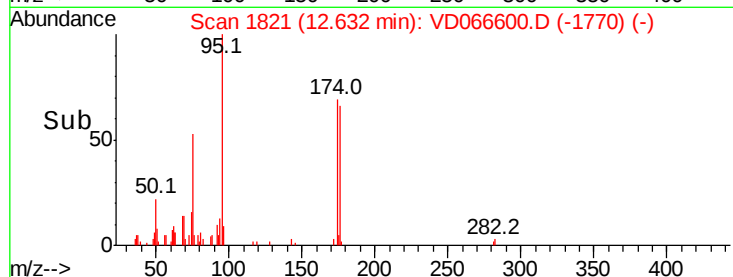
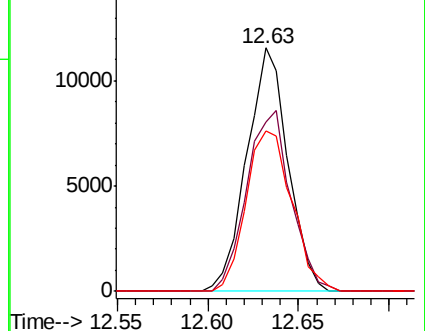
176 73.5 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): V

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: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

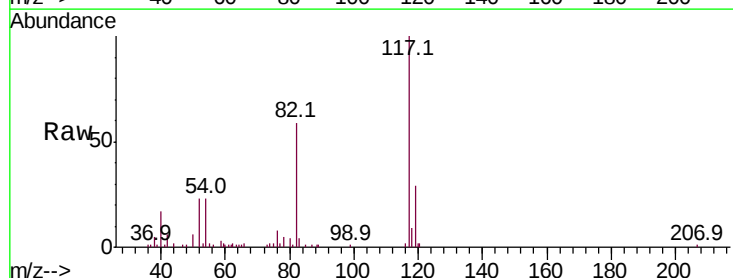
Tgt Ion: 117 Resp: 43962

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.2

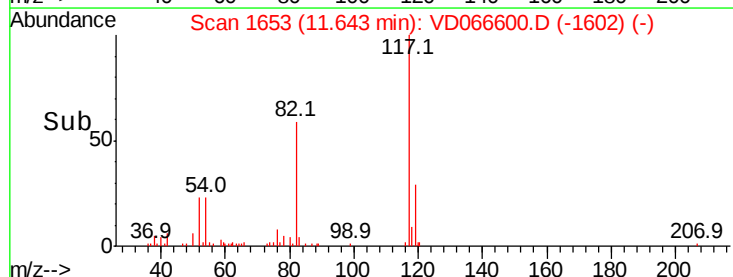
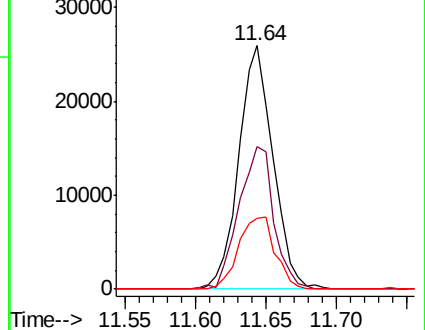
119 28.8 25.8 38.8

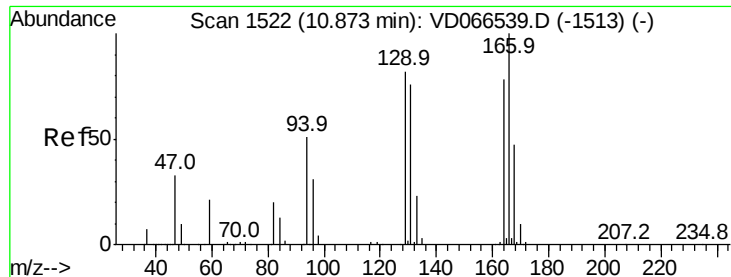


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

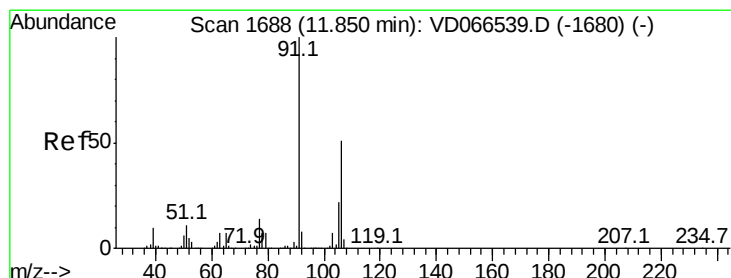
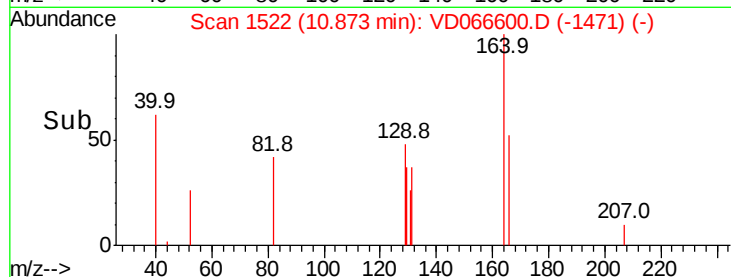
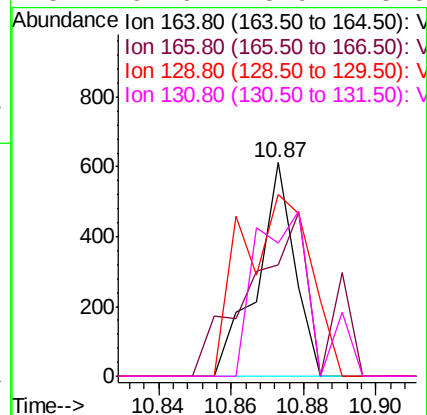
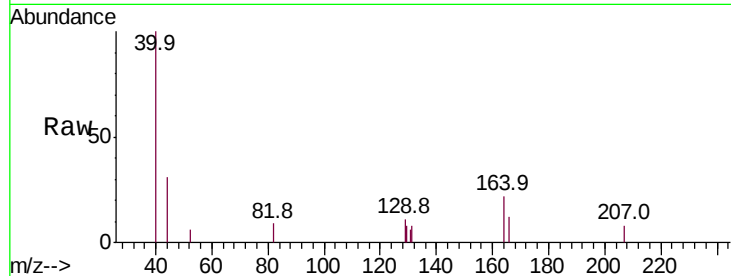




#64
Tetrachloroethene
Concen: 1.507 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

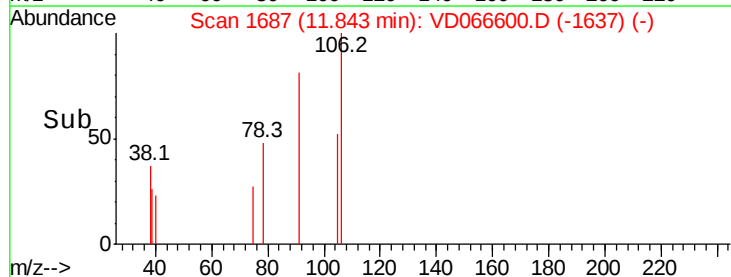
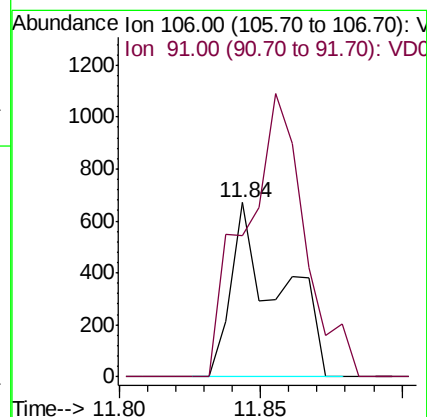
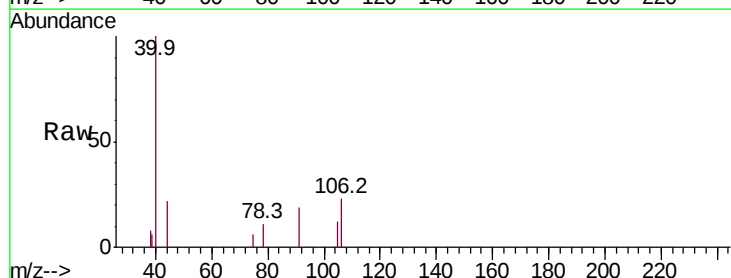
Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

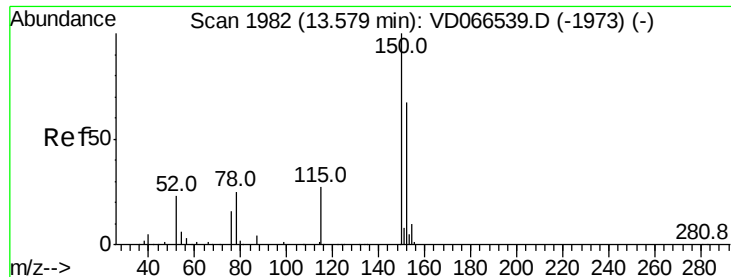
Tot Ion:164 Resp: 446
Ion Ratio Lower Upper
164 100
166 52.1 103.2 154.8#
129 85.1 84.5 126.7
131 62.6 78.9 118.3#



#68
m/p-Xylenes
Concen: 1.279 ug/l
RT: 11.84 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

Tgt Ion:106 Resp: 791
Ion Ratio Lower Upper
106 100
91 201.5 162.4 243.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

SP-1-1

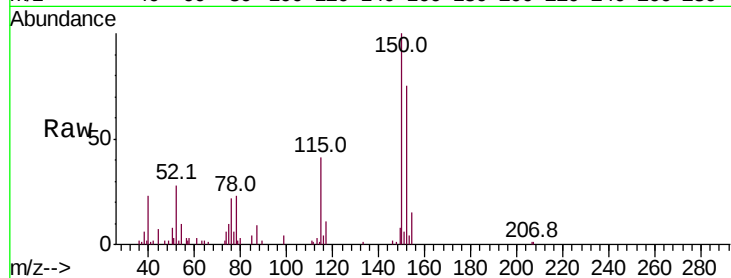
Tot Ion:152 Resp: 18670

Ion Ratio Lower Upper

152 100

115 65.3 30.4 91.2

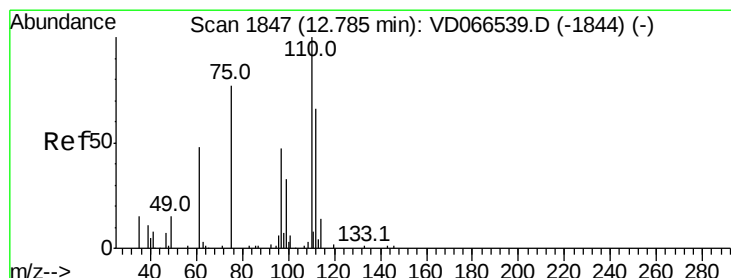
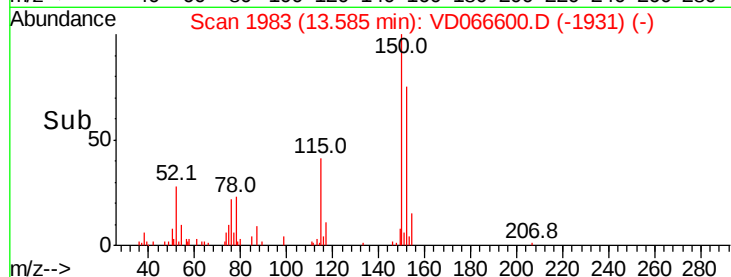
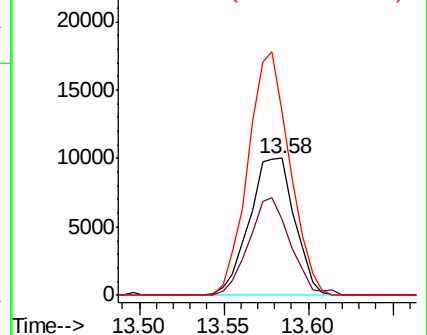
150 162.3 0.0 345.8



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: 60.527 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066600.D

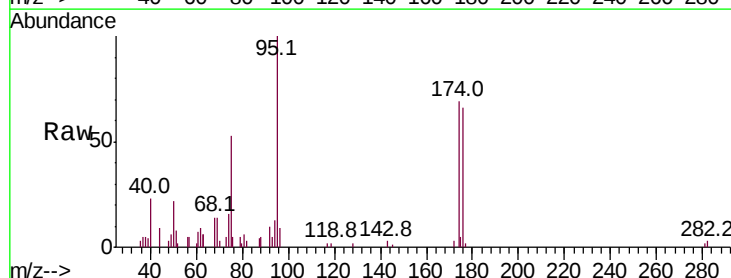
Acq: 10 Sep 2020 00:48

Tgt Ion: 75 Resp: 10868

Ion Ratio Lower Upper

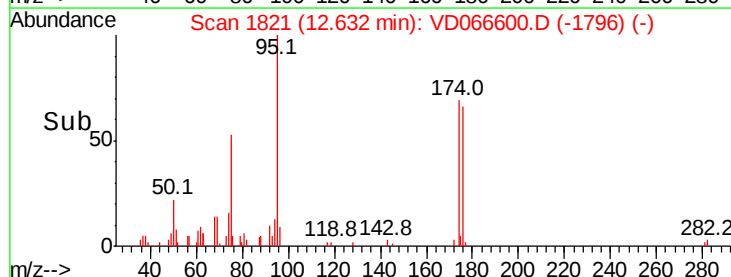
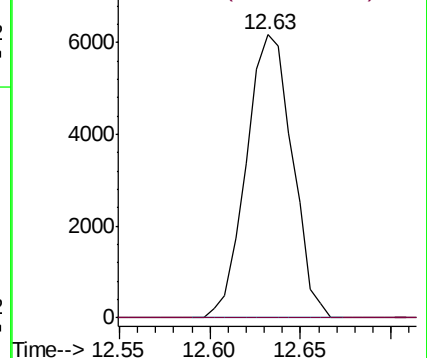
75 100

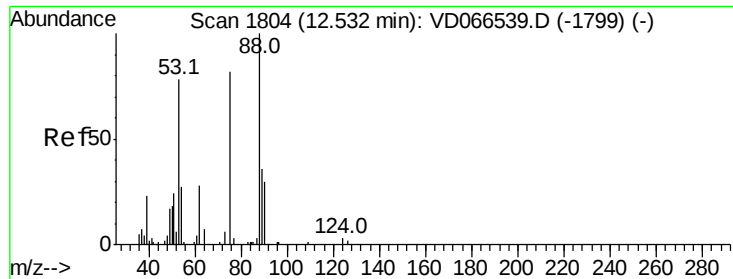
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

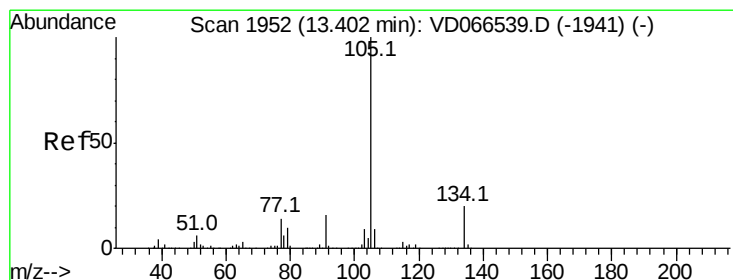
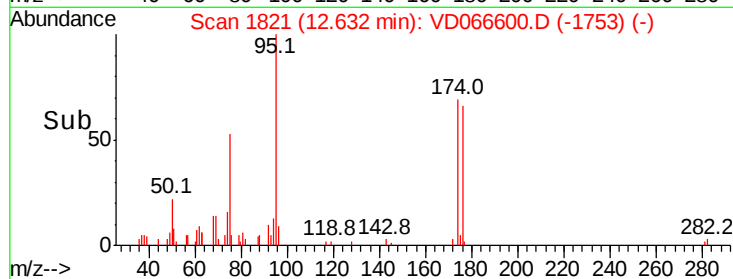
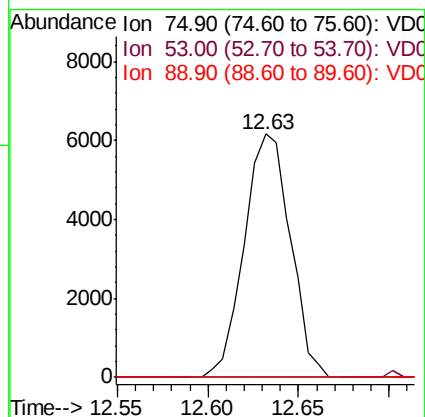
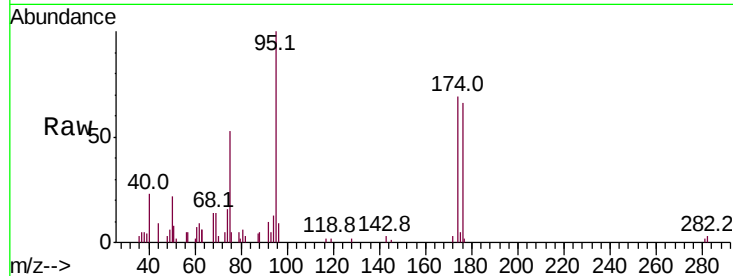




#81
trans-1,4-Dichloro-2-butene
Concen: 141.310 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

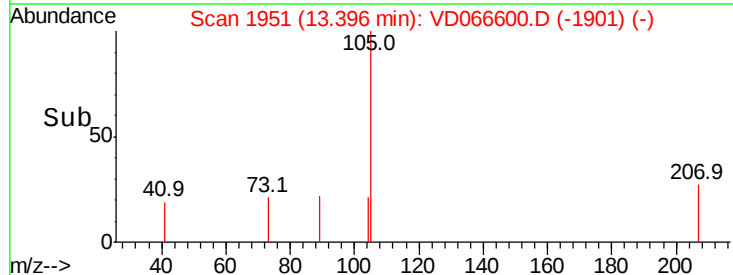
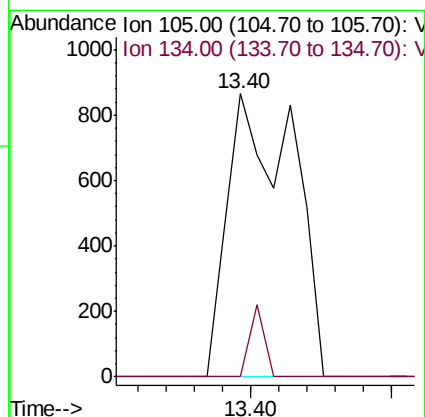
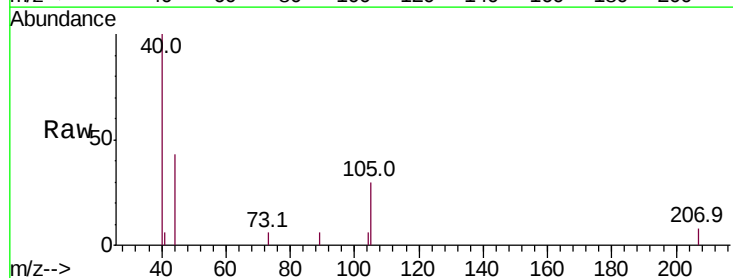
Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

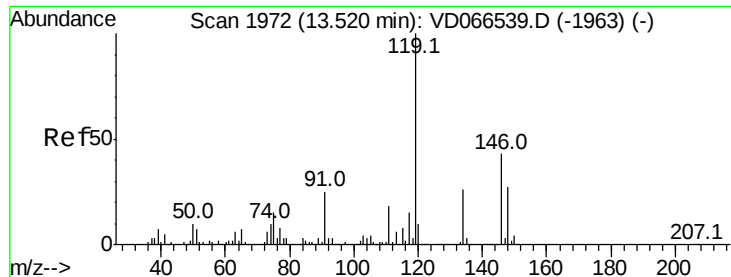
Tot Ion: 75 Resp: 10868
Ion Ratio Lower Upper
75 100
53 0.0 87.0 130.4#
89 0.0 37.1 55.7#



#85
sec-Butylbenzene
Concen: 1.007 ug/l
RT: 13.40 min Scan# 1951
Delta R.T. -0.01 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

Tgt Ion: 105 Resp: 1379
Ion Ratio Lower Upper
105 100
134 5.7 9.8 29.5#





#87

1,3-Dichlorobenzene

Concen: 1.314 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

Instrument :

MSVOA_D

ClientSampleId :

SP-1-1

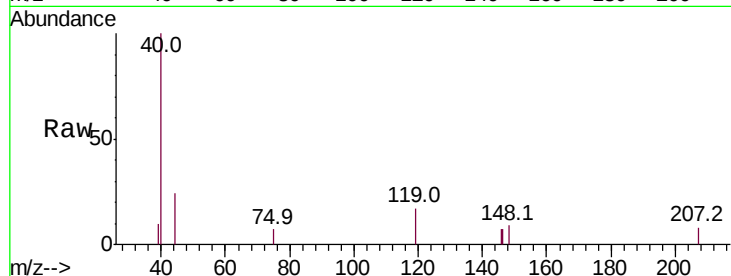
Tot Ion:146 Resp: 804

Ion Ratio Lower Upper

146 100

111 11.3 20.6 61.9#

148 13.3 32.1 96.3#



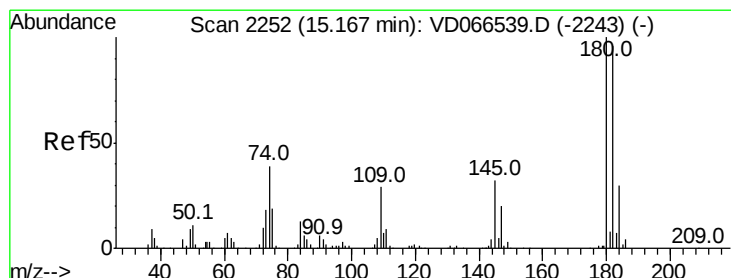
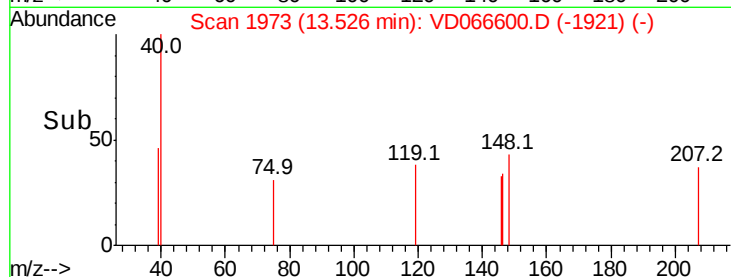
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.53

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.278 ug/l

RT: 15.16 min Scan# 2251

Delta R.T. -0.01 min

Lab File: VD066600.D

Acq: 10 Sep 2020 00:48

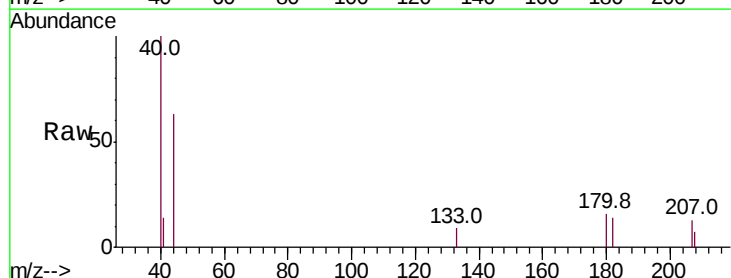
Tgt Ion:180 Resp: 410

Ion Ratio Lower Upper

180 100

182 46.8 48.4 145.0#

145 13.9 16.7 50.0#



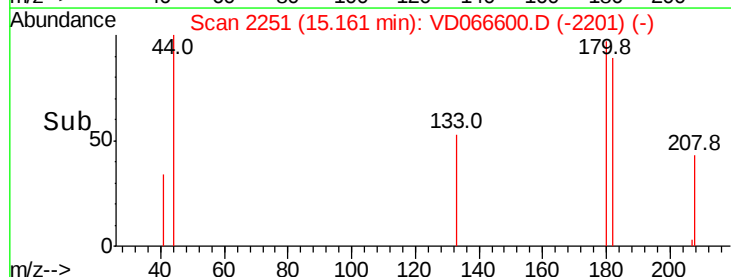
Abundance Ion 179.80 (179.50 to 180.50): V

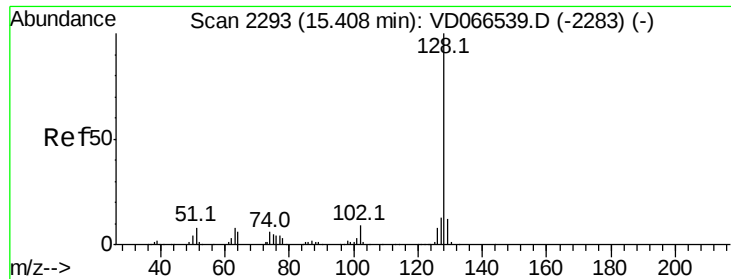
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

15.16

Time-->

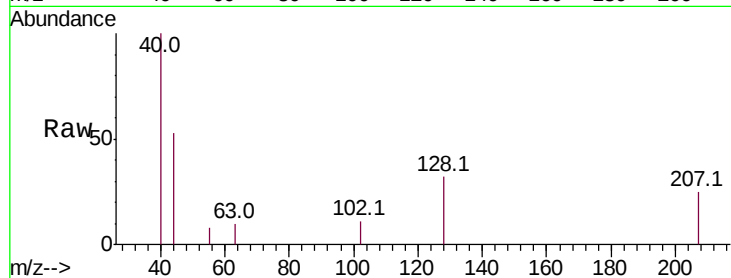




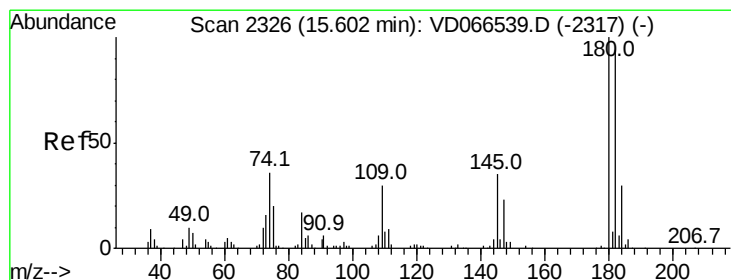
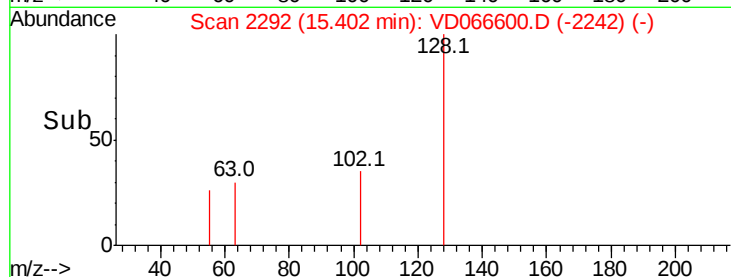
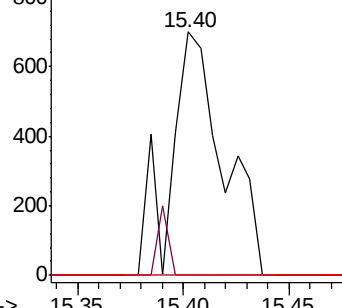
#95
Naphthalene
Concen: 2.158 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

Tot Ion:128 Resp: 1210
Ion Ratio Lower Upper
128 100
127 5.9 10.7 16.1#
129 0.0 9.1 13.7#

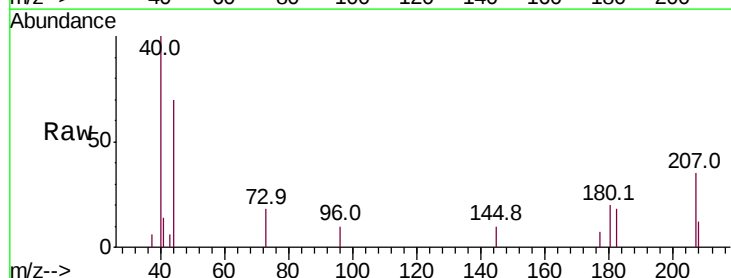


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.981 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066600.D
Acq: 10 Sep 2020 00:48

Tgt Ion:180 Resp: 542
Ion Ratio Lower Upper
180 100
182 90.0 47.9 143.6
145 32.3 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

