

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066612.D
 Acq On : 10 Sep 2020 13:25
 Operator : VA/SY
 Sample : L3956-01
 Misc : 4.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-027-IDW/ISO-20200909

Quant Time: Sep 11 02:07:38 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

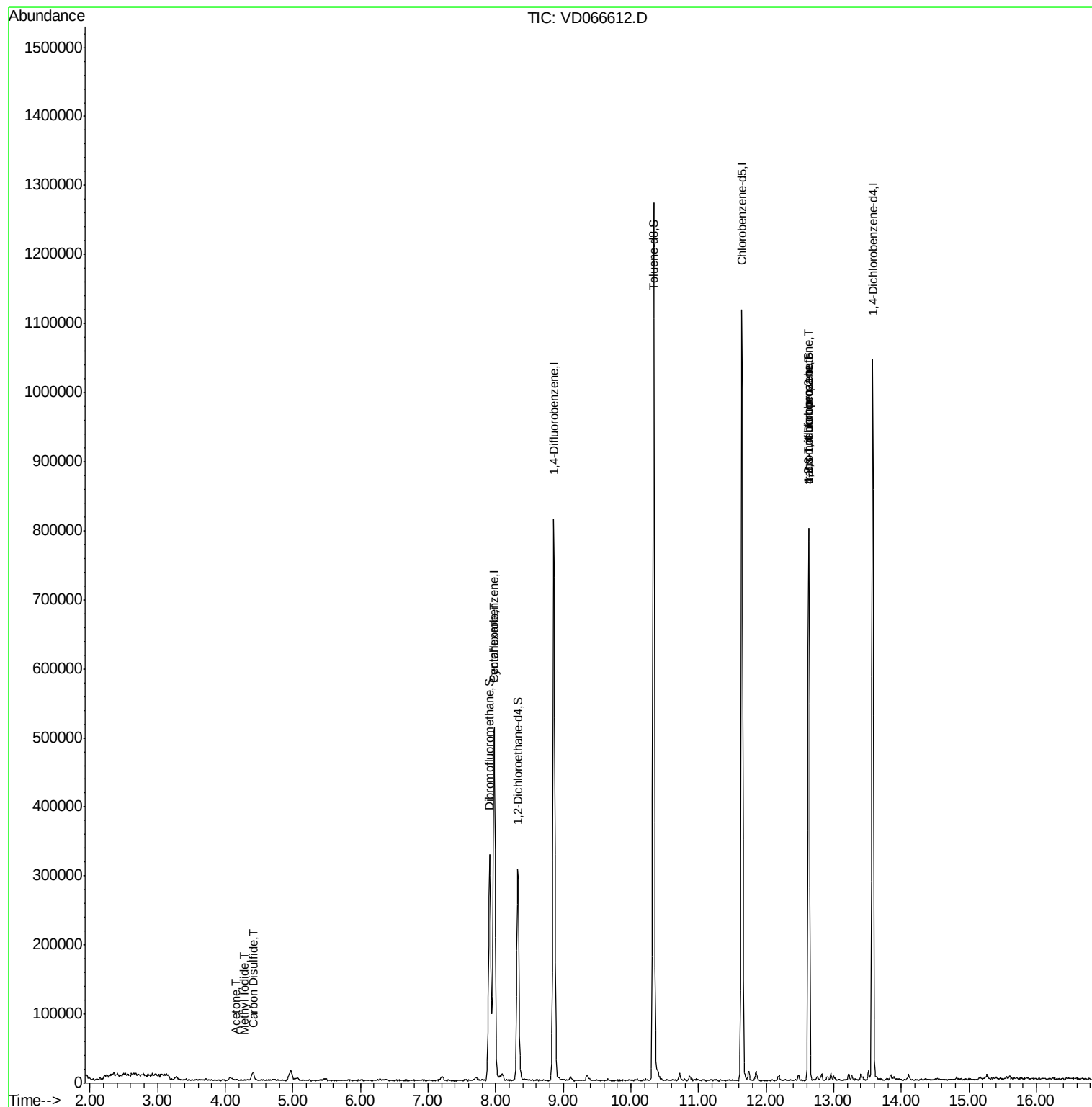
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	341693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	649776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	601309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	249853	60.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.88%	
35) Dibromofluoromethane	7.91	113	226869	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.34	98	808284	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.63	95	254318	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1665	Below Cal		94
5) Bromomethane	2.78	94	1974	Below Cal		95
10) Methyl Iodide	4.29	142	678	4.202 ug/l #		73
11) Tert butyl alcohol	5.24	59	56	Below Cal #		74
16) Acetone	4.16	43	2265	2.978 ug/l #		46
17) Carbon Disulfide	4.41	76	23124	2.043 ug/l		98
20) Methylene Chloride	4.96	84	11049	Below Cal #		88
31) Cyclohexane	7.98	56	12029	1.784 ug/l #		43
76) 1,2,3-Trichloropropane	12.63	75	142324	59.768 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.63	75	142324	139.536 ug/l #		7

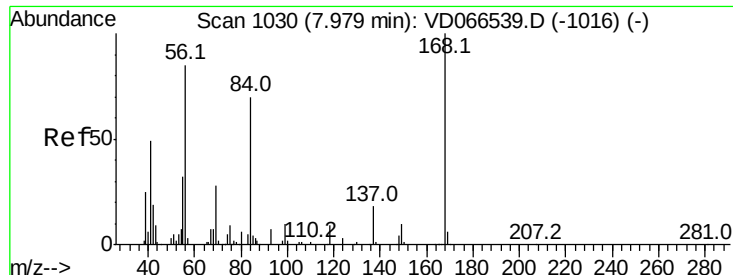
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066612.D

Acq: 10 Sep 2020 13:25

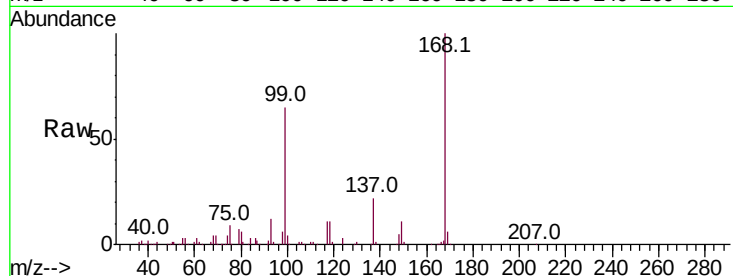
Instrument :
MSVOA_D
ClientSampleId :
TT-027-IDWSO-20200909

Tot Ion:168 Resp: 341693

Ion Ratio Lower Upper

168 100

99 64.3 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

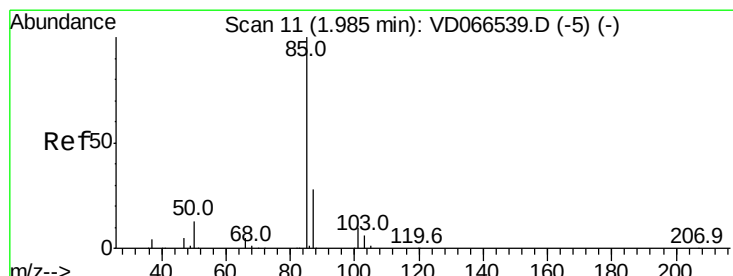
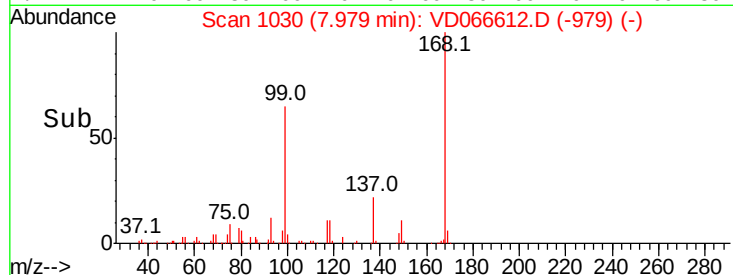
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066612.D

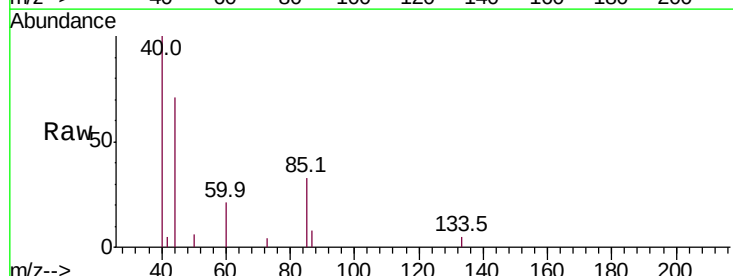
Acq: 10 Sep 2020 13:25

Tgt Ion: 85 Resp: 1665

Ion Ratio Lower Upper

85 100

87 25.2 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

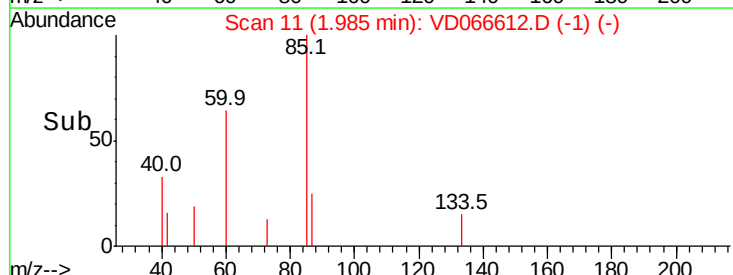
1.99

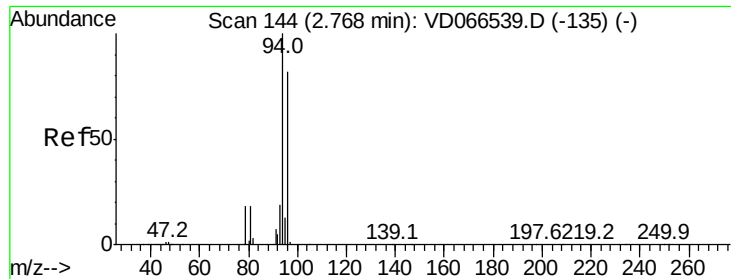
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066612.D

Acq: 10 Sep 2020 13:25

Instrument :

MSVOA_D

ClientSampleId :

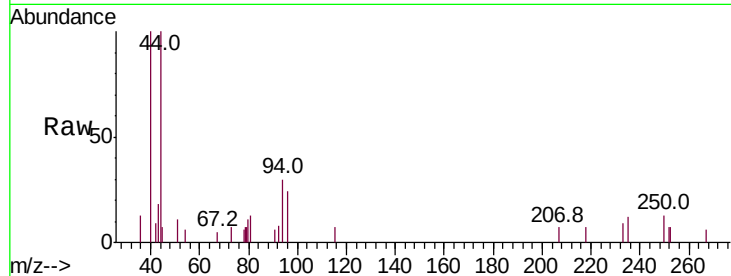
TT-027-IDWSO-20200909

Tot Ion: 94 Resp: 1974

Ion Ratio Lower Upper

94 100

96 77.4 65.2 97.8

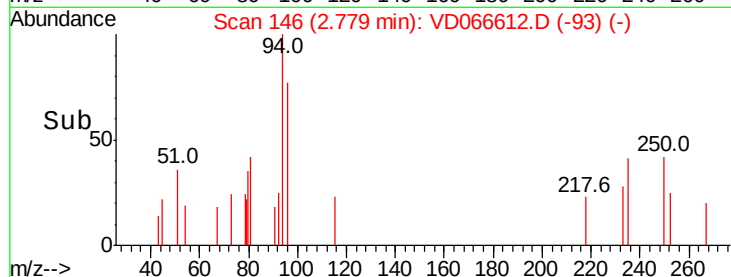


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

Time-->

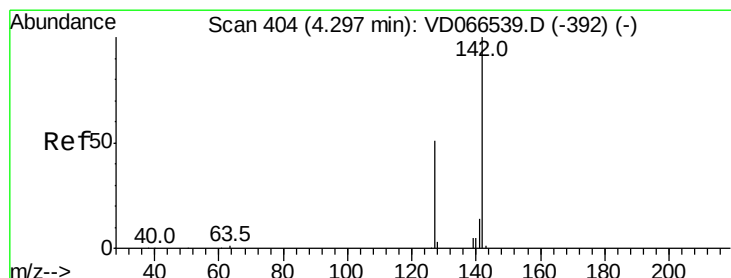


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

Time-->



#10

Methyl Iodide

Concen: 4.202 ug/l

RT: 4.29 min Scan# 402

Delta R.T. -0.01 min

Lab File: VD066612.D

Acq: 10 Sep 2020 13:25

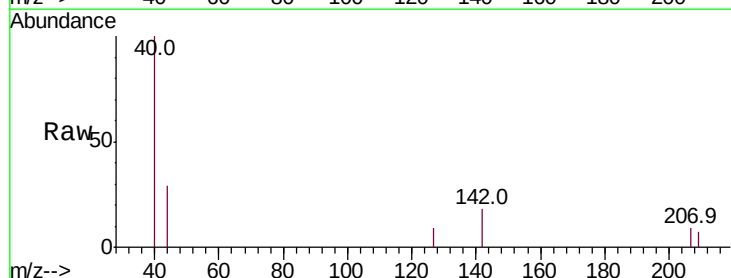
Tgt Ion: 142 Resp: 678

Ion Ratio Lower Upper

142 100

127 67.8 40.6 61.0#

141 0.0 12.2 18.4#



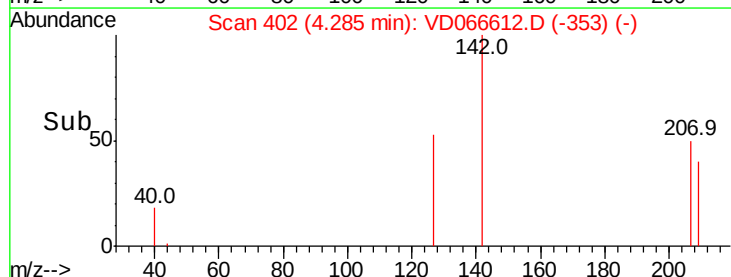
Abundance Ion 141.80 (141.50 to 142.50): V

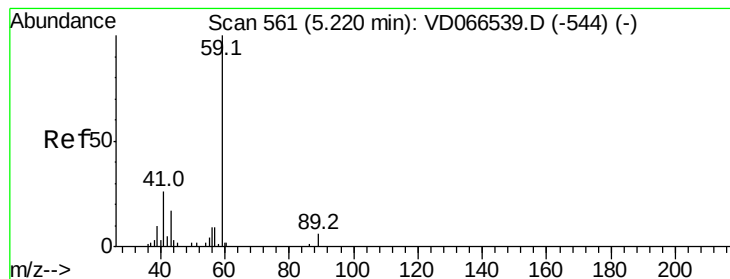
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.29

Time-->



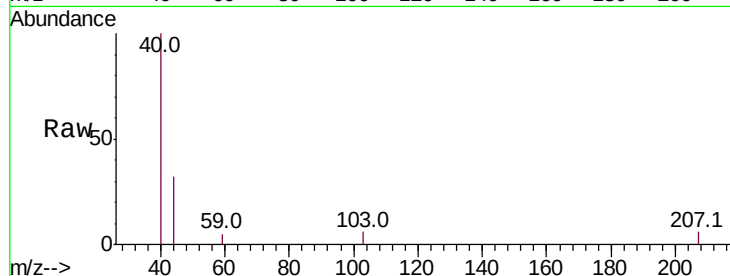


#11

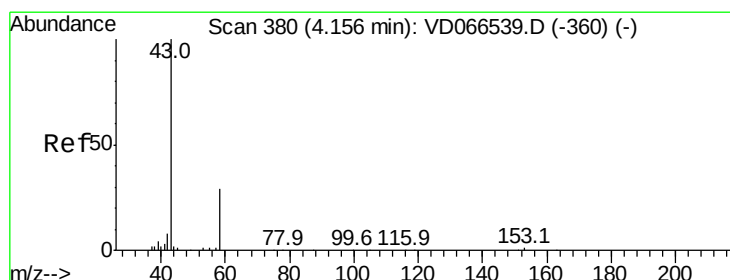
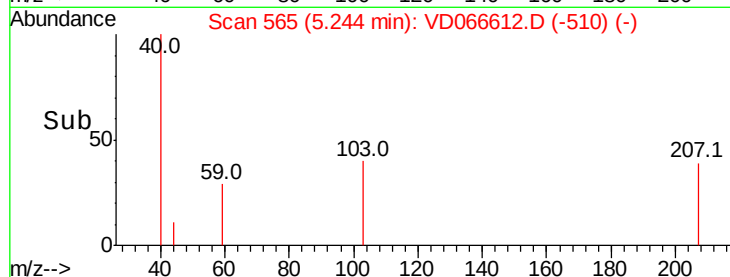
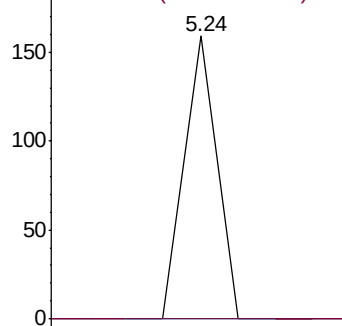
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 565
Delta R.T. 0.02 min
Lab File: VD066612.D
Acq: 10 Sep 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :
TT-027-IDWSO-20200909

Tot Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#



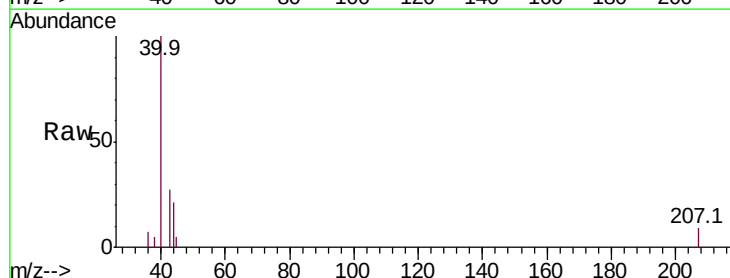
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



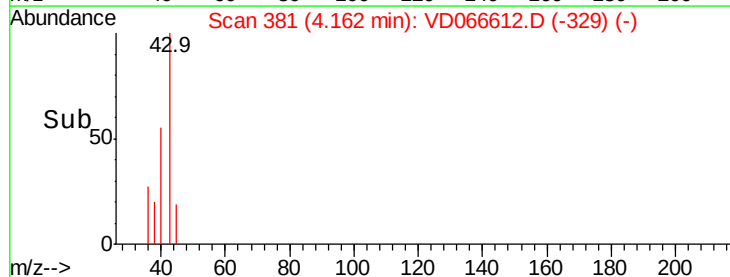
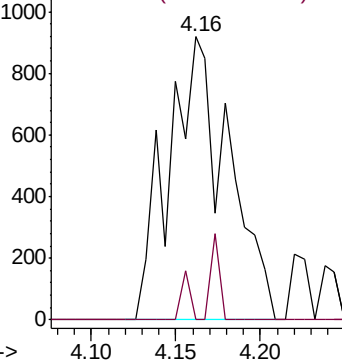
#16

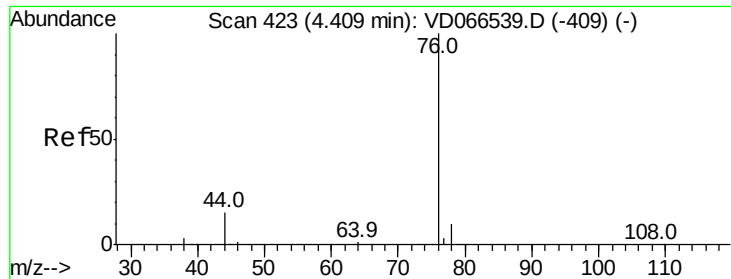
Acetone
Concen: 2.978 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066612.D
Acq: 10 Sep 2020 13:25

Tgt Ion: 43 Resp: 2265
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 2.043 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066612.D

Acq: 10 Sep 2020 13:25

Instrument :

MSVOA_D

ClientSampleId :

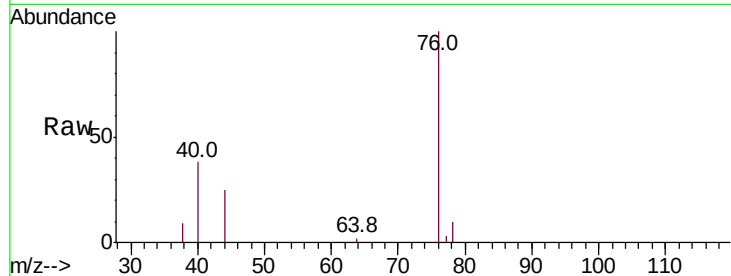
TT-027-IDWSO-20200909

Tot Ion: 76 Resp: 23124

Ion Ratio Lower Upper

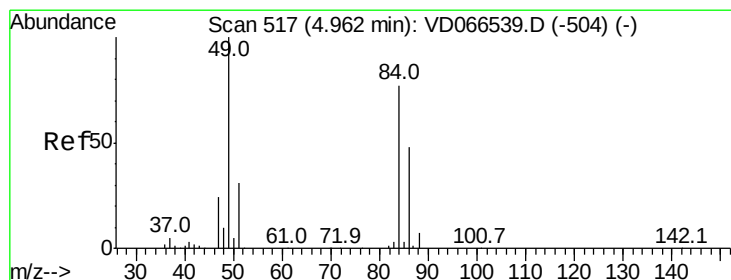
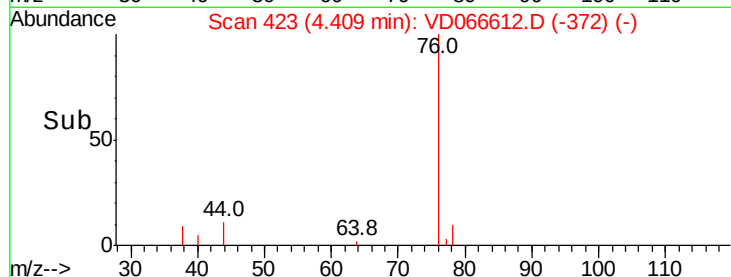
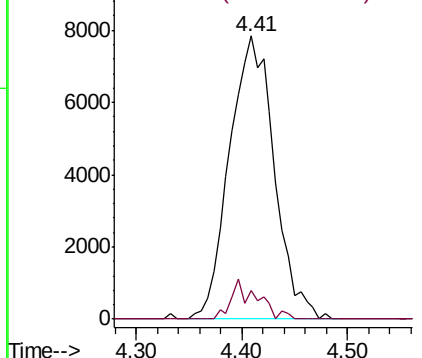
76 100

78 10.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066612.D

Acq: 10 Sep 2020 13:25

Tgt Ion: 84 Resp: 11049

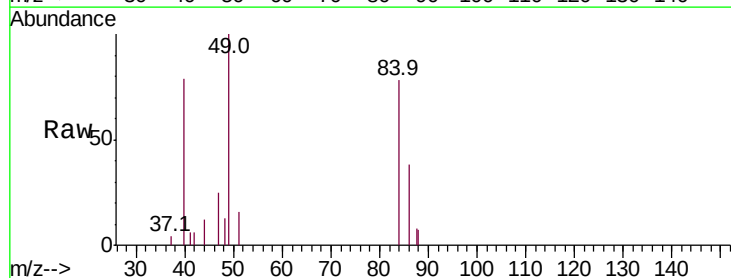
Ion Ratio Lower Upper

84 100

49 127.7 104.3 156.5

51 21.0 32.2 48.4#

86 48.1 50.0 75.0#

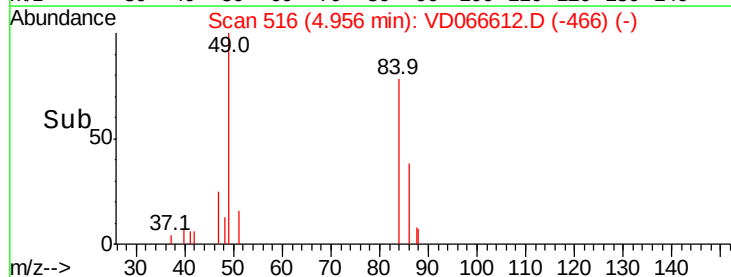
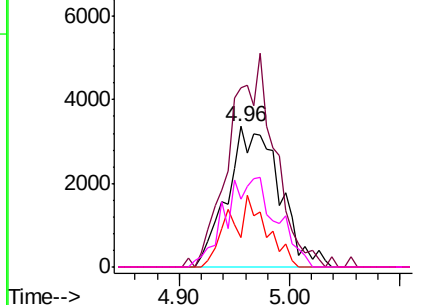


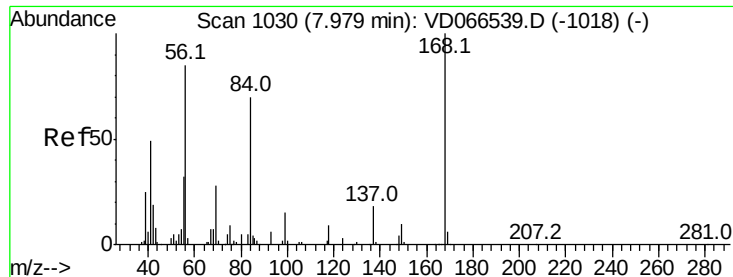
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

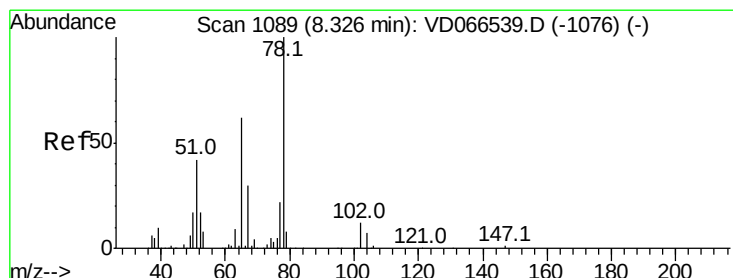
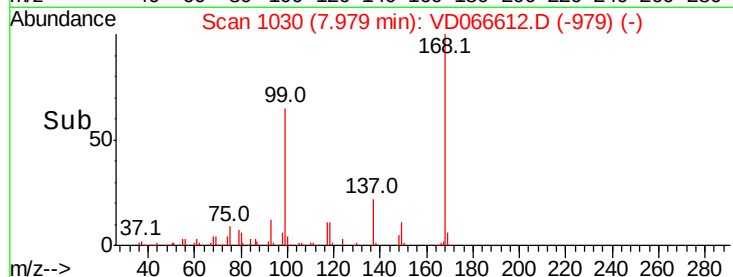
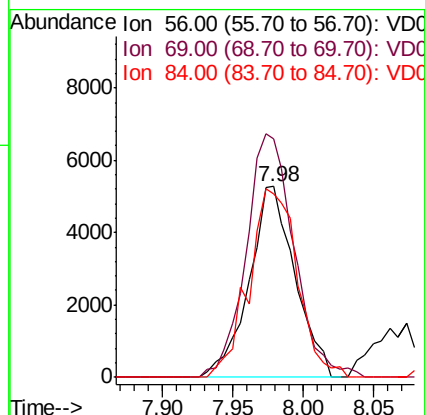
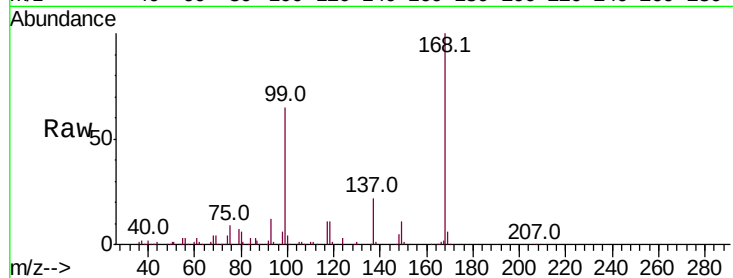




#31
Cyclohexane
Concen: 1.784 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066612.D
Acq: 10 Sep 2020 13:25

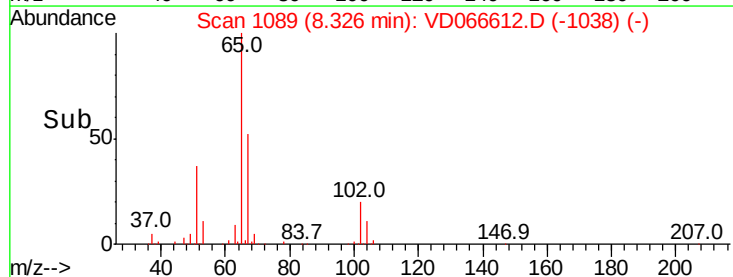
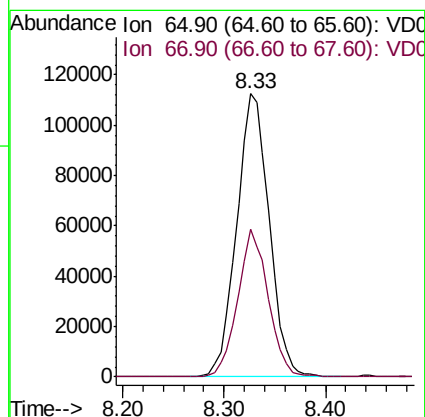
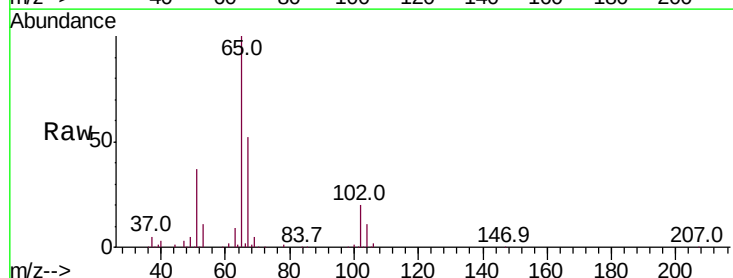
Instrument :
MSVOA_D
ClientSampleId :
TT-027-IDWSO-20200909

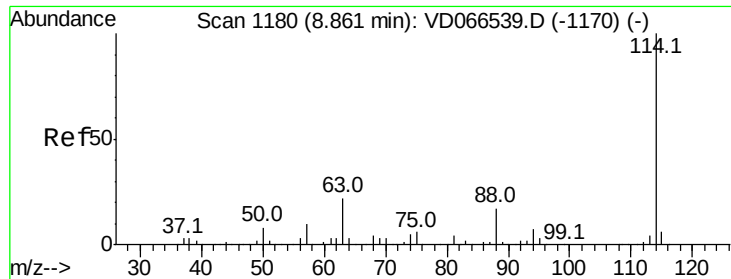
Tot Ion: 56 Resp: 12029
Ion Ratio Lower Upper
56 100
69 125.0 26.3 39.5#
84 96.3 66.1 99.1



#33
1,2-Dichloroethane-d4
Concen: 60.436 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066612.D
Acq: 10 Sep 2020 13:25

Tgt Ion: 65 Resp: 249853
Ion Ratio Lower Upper
65 100
67 48.8 0.0 102.8

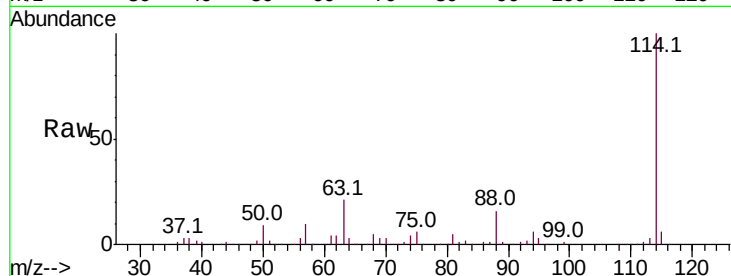




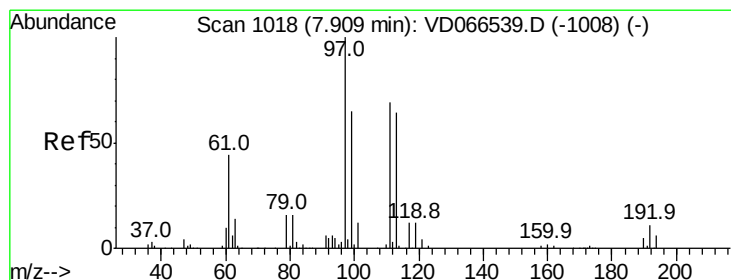
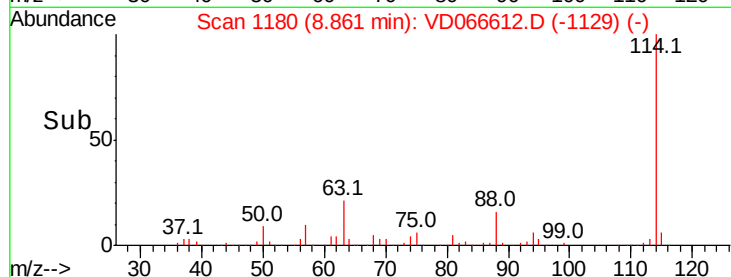
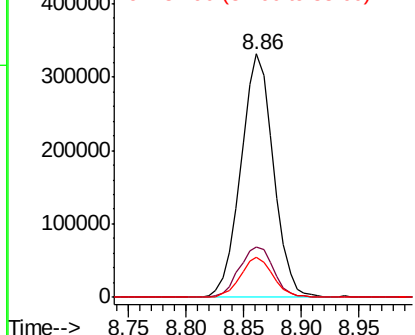
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066612.D
 Acq: 10 Sep 2020 13:25

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-027-IDWSO-20200909

Tot Ion:	114	Resp:	649776
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	16.3	0.0	33.2

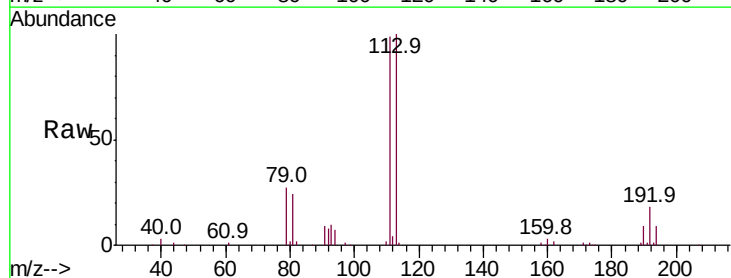


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

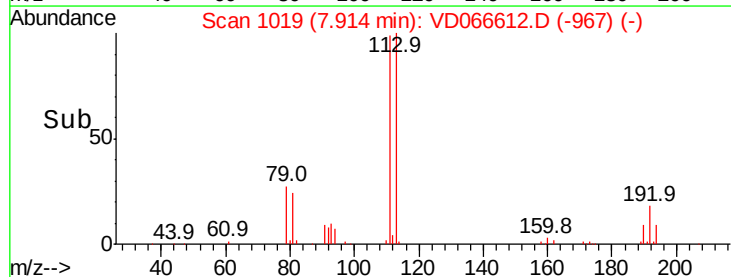
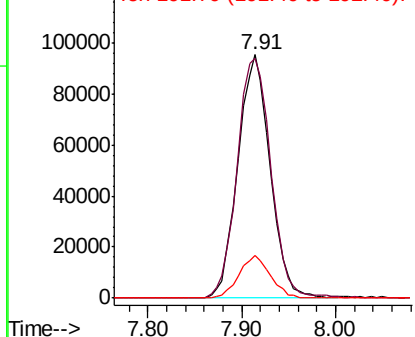


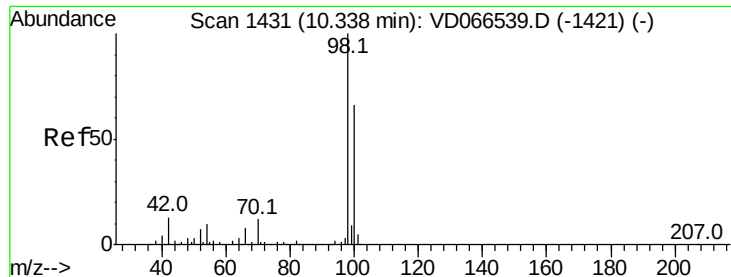
#35
 Dibromofluoromethane
 Concen: 51.756 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066612.D
 Acq: 10 Sep 2020 13:25

Tgt Ion:	113	Resp:	226869
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.2	124.8
192	16.9	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

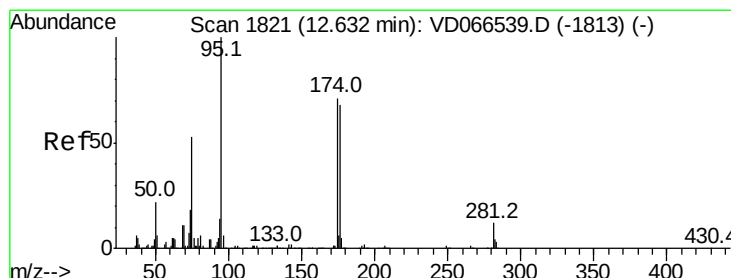
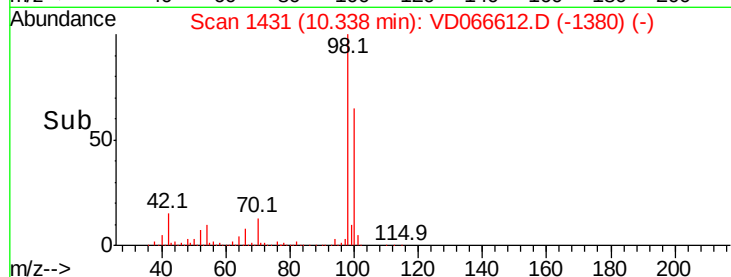
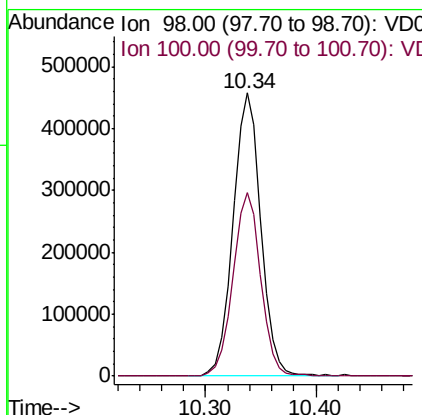
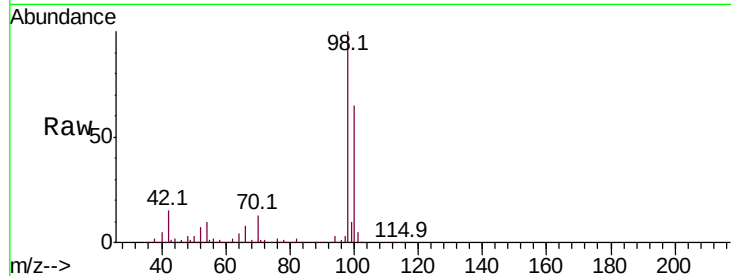




#50
Toluene-d8
Concen: 51.591 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066612.D
Acq: 10 Sep 2020 13:25

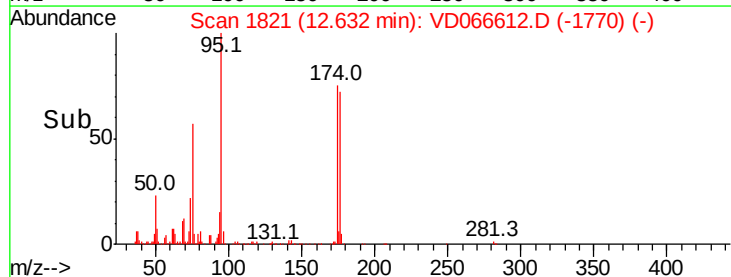
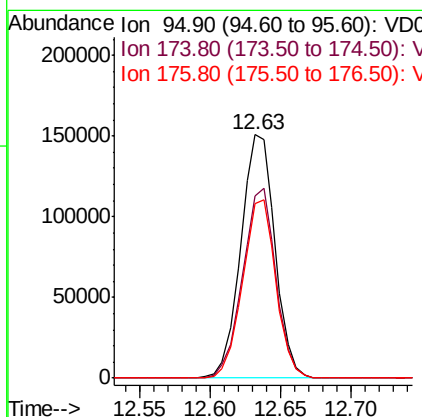
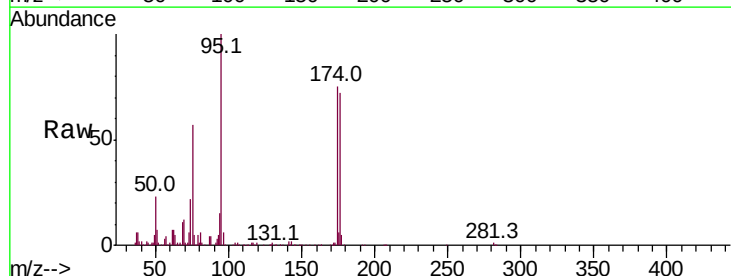
Instrument :
MSVOA_D
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TT-027-IDWSO-20200909

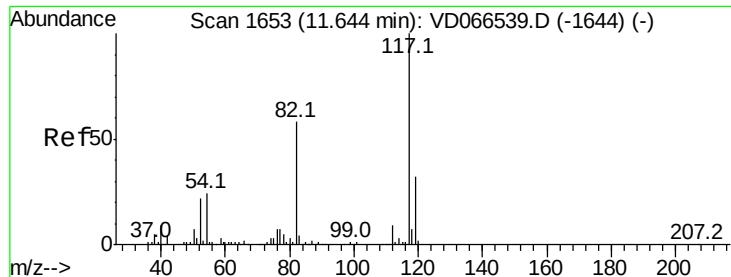
Tot Ion: 98 Resp: 808284
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.954 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066612.D
Acq: 10 Sep 2020 13:25

Tgt Ion: 95 Resp: 254318
Ion Ratio Lower Upper
95 100
174 76.3 0.0 155.8
176 71.9 0.0 148.6

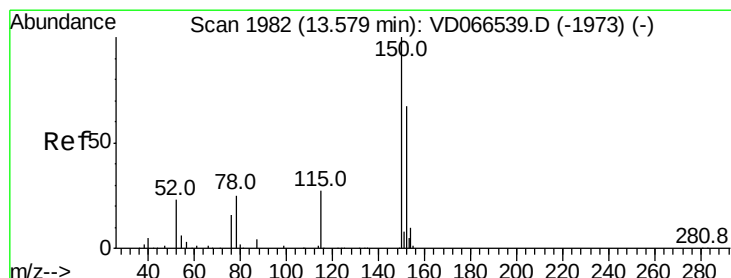
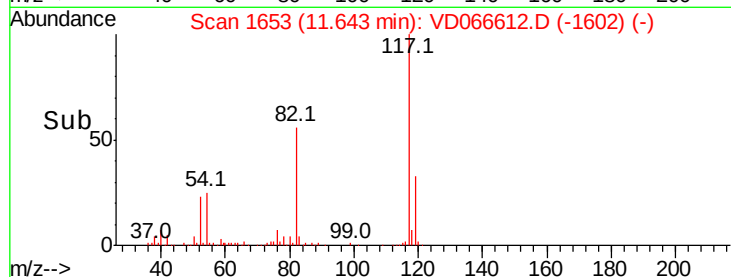
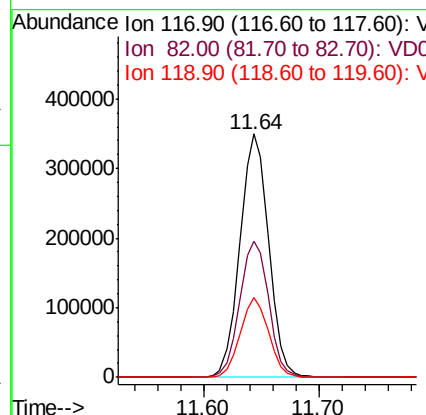
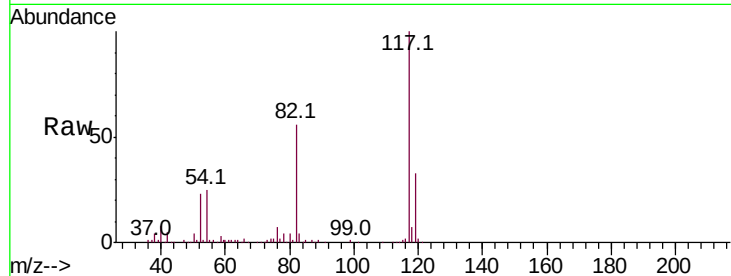




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066612.D
Acq: 10 Sep 2020 13:25

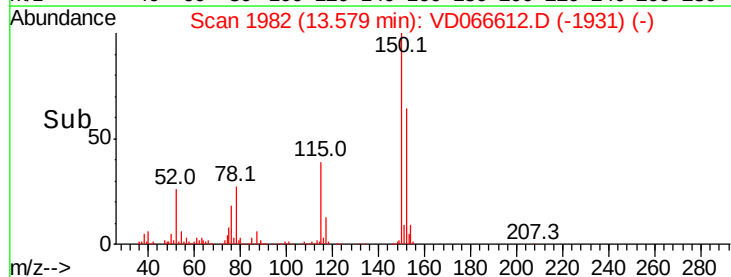
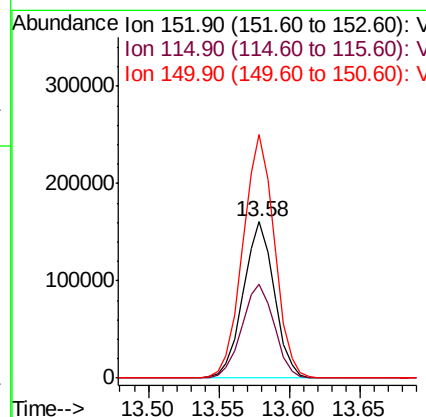
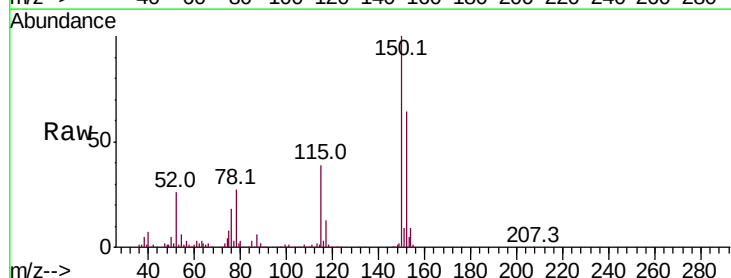
Instrument :
MSVOA_D
ClientSampleId :
TT-027-IDWSO-20200909

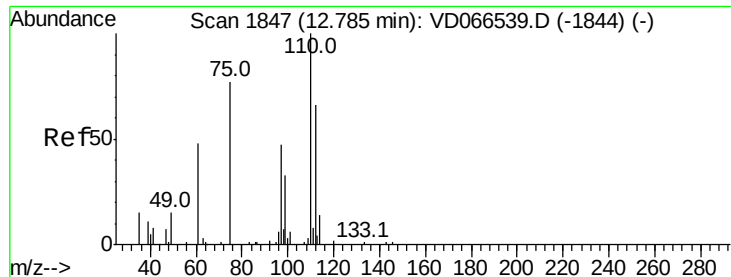
Tot Ion:117 Resp: 601309
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.2
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066612.D
Acq: 10 Sep 2020 13:25

Tgt Ion:152 Resp: 247604
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.2
150 158.2 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 59.768 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066612.D

Acq: 10 Sep 2020 13:25

Instrument :

MSVOA_D

ClientSampleId :

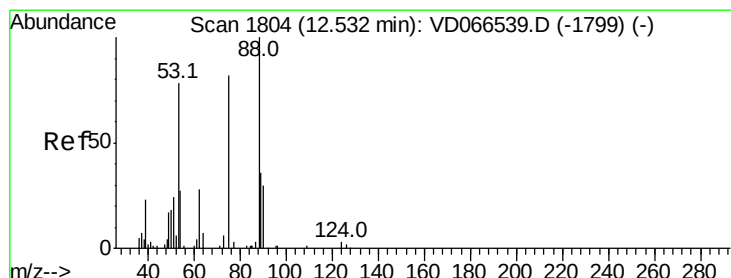
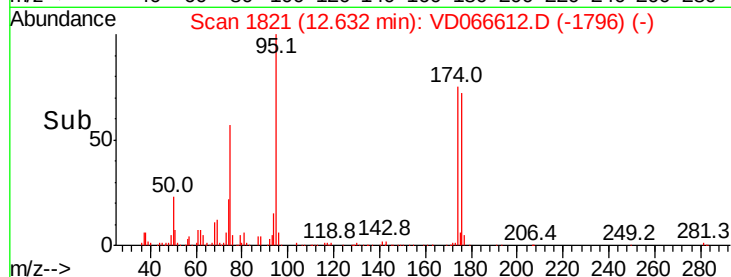
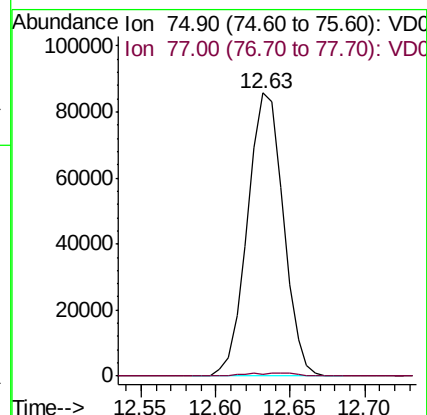
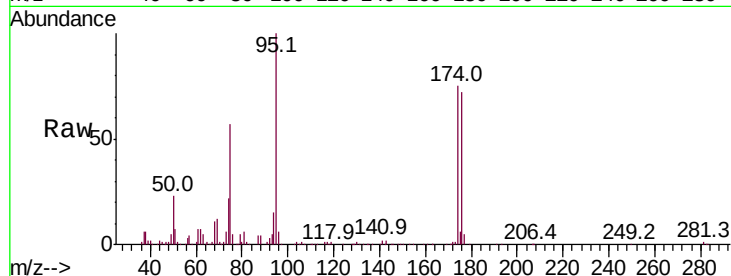
TT-027-IDWSO-20200909

Tot Ion: 75 Resp: 142324

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.536 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066612.D

Acq: 10 Sep 2020 13:25

Tgt Ion: 75 Resp: 142324

Ion Ratio Lower Upper

75 100

53 0.0 87.0 130.4#

89 0.0 37.1 55.7#

