

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066526.D
 Acq On : 02 Sep 2020 16:48
 Operator : VA/SY
 Sample : L3876-12
 Misc : 6.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-215

Quant Time: Sep 03 03:43:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

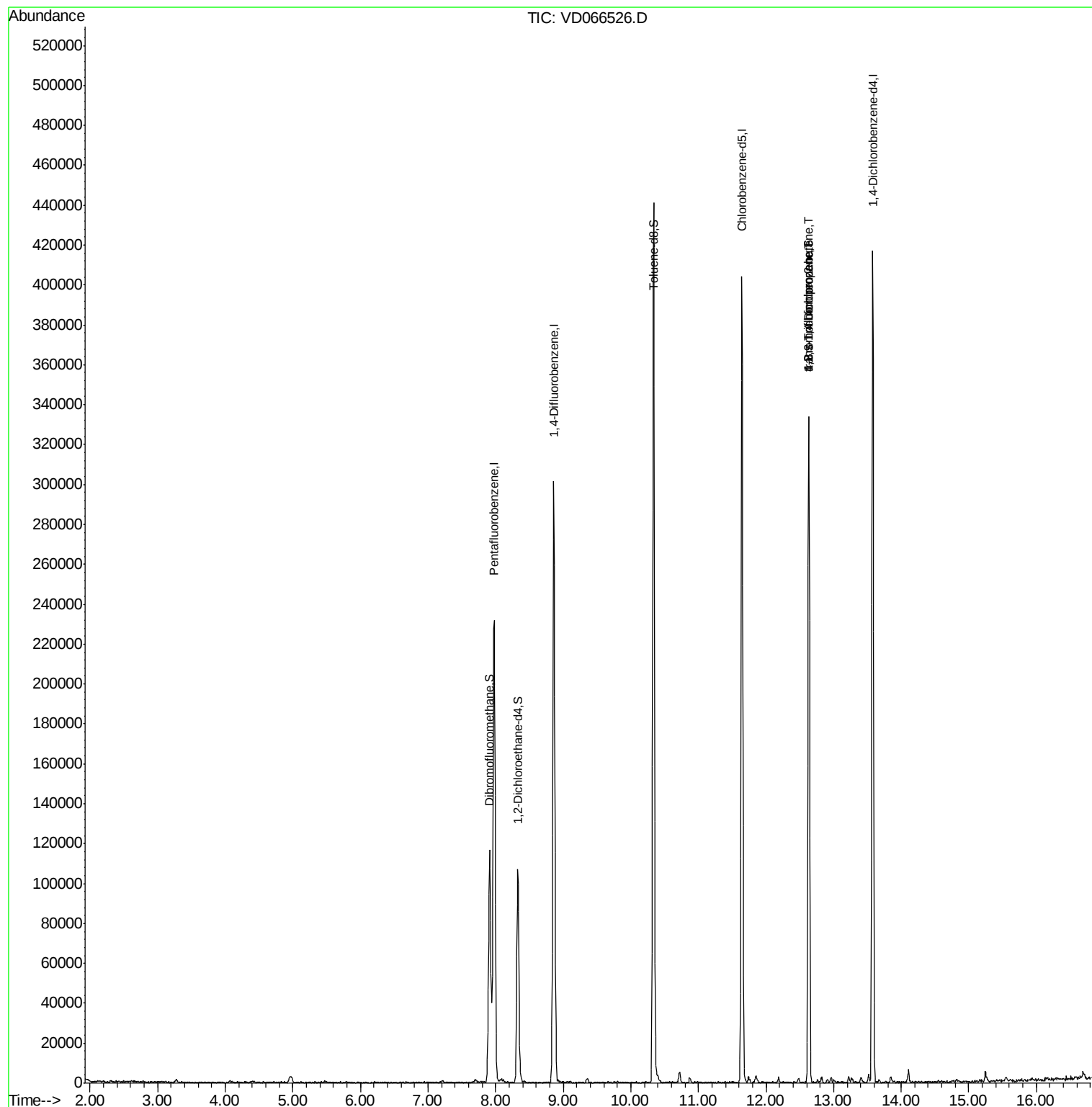
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	172283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	249570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	223005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	114171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	96476	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	7.91	113	75869	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
50) Toluene-d8	10.34	98	285842	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.63	95	95984	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
Target Compounds						
11) Tert butyl alcohol	5.23	59	145	Below Cal	#	76
20) Methylene Chloride	4.96	84	2751	Below Cal	#	71
31) Cyclohexane	7.98	56	4232	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.63	75	56694	78.938	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	56694	175.787	ug/l #	1

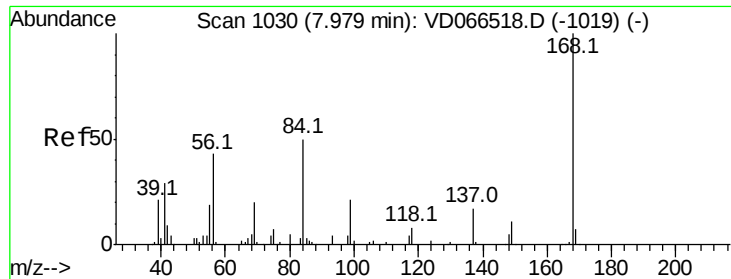
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090220\
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Quant Title : SW846 8260
QLast Update : Wed Sep 02 15:08:44 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: VD066526.D

Acq: 02 Sep 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

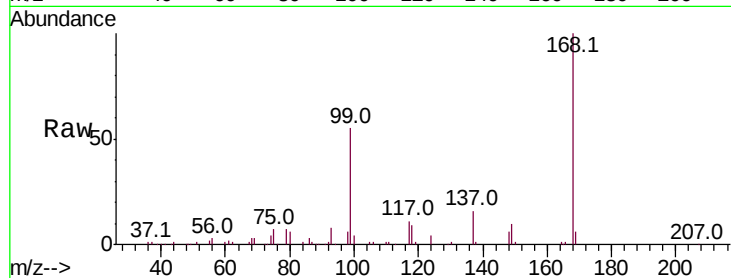
VNJ-215

Tot Ion:168 Resp: 172283

Ion Ratio Lower Upper

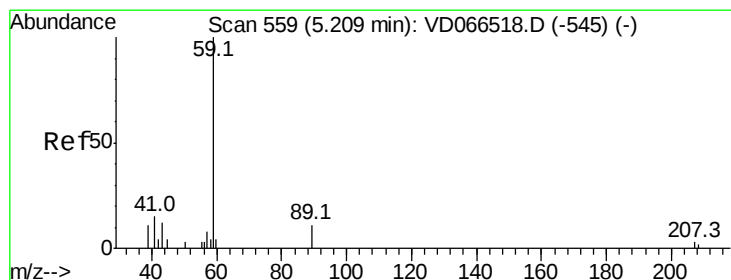
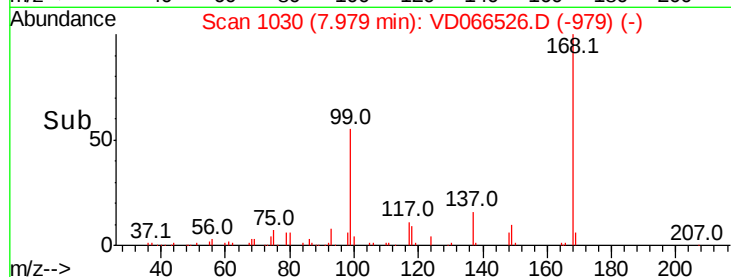
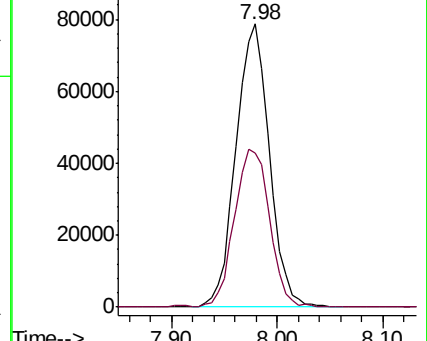
168 100

99 54.5 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 562

Delta R.T. 0.02 min

Lab File: VD066526.D

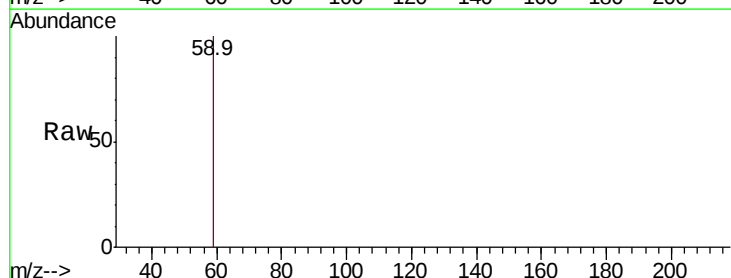
Acq: 02 Sep 2020 16:48

Tgt Ion: 59 Resp: 145

Ion Ratio Lower Upper

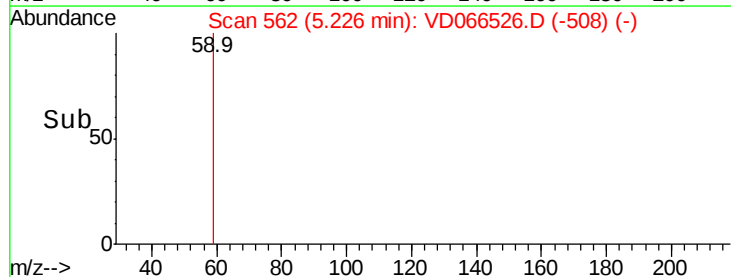
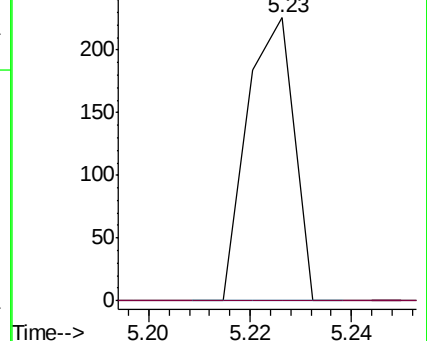
59 100

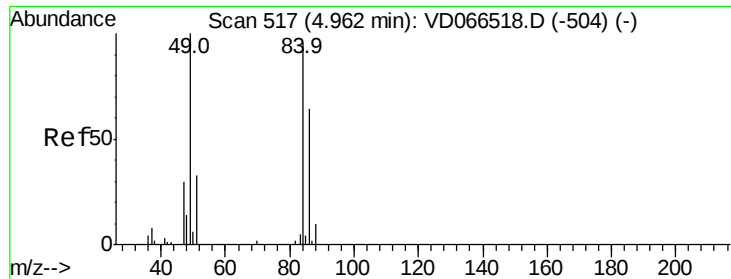
57 0.0 6.8 10.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

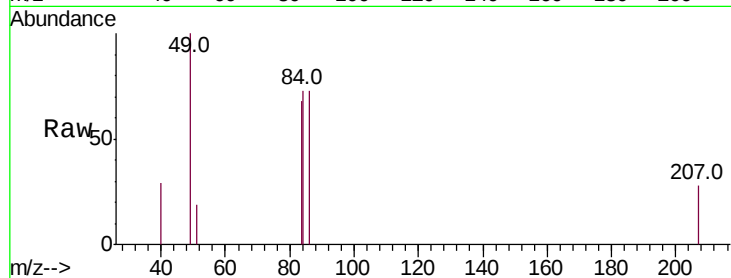




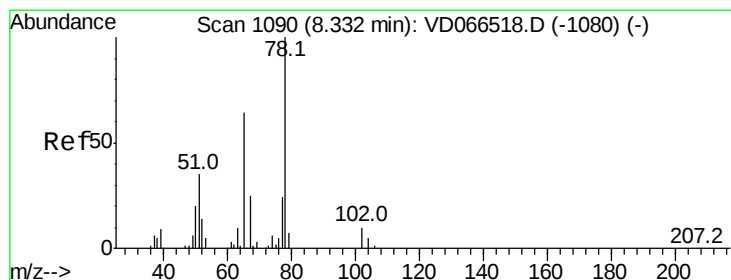
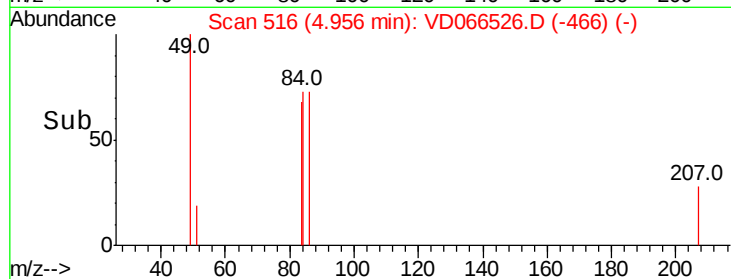
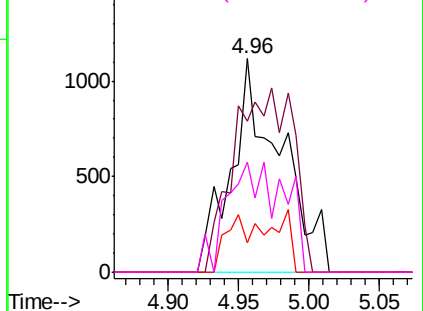
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066526.D
Acq: 02 Sep 2020 16:48

Instrument :
MSVOA_D
ClientSampleId :
VNJ-215

Tot Ion: 84 Resp: 2751
Ion Ratio Lower Upper
84 100
49 70.9 83.5 125.3#
51 13.6 27.8 41.8#
86 51.7 53.5 80.3#

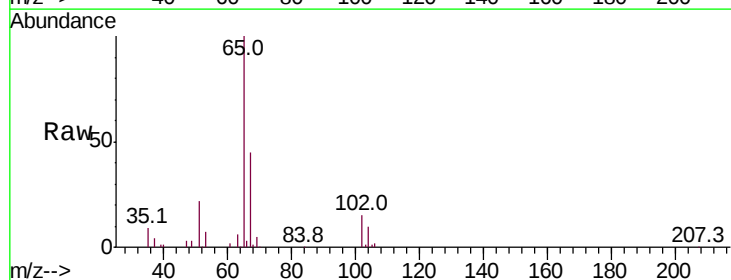


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

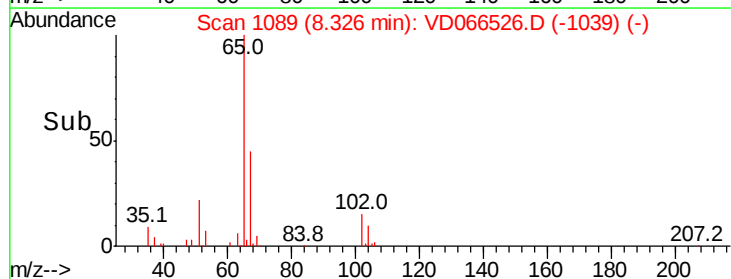
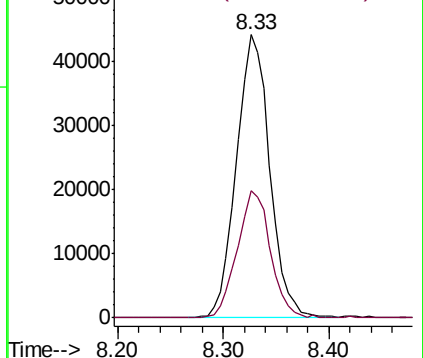


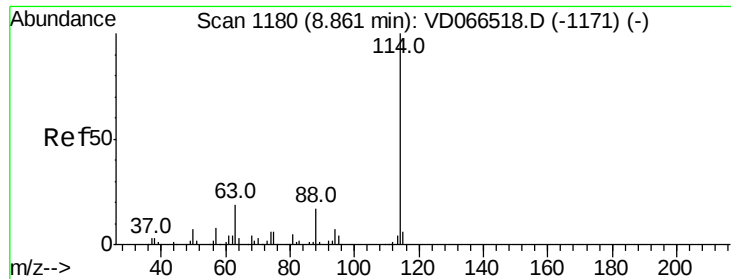
#33
1,2-Dichloroethane-d4
Concen: 52.070 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066526.D
Acq: 02 Sep 2020 16:48

Tgt Ion: 65 Resp: 96476
Ion Ratio Lower Upper
65 100
67 44.7 0.0 88.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

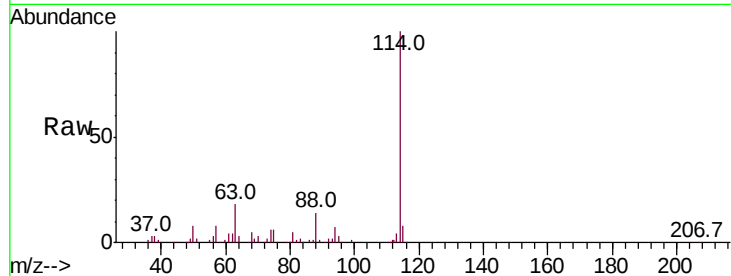




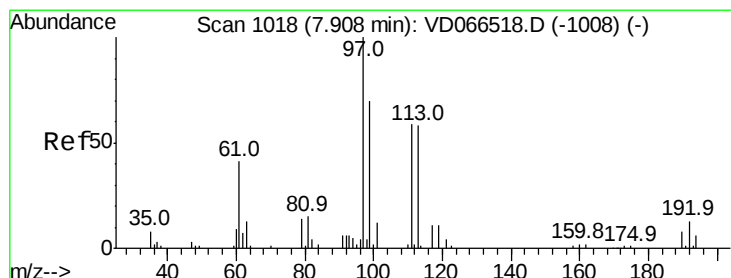
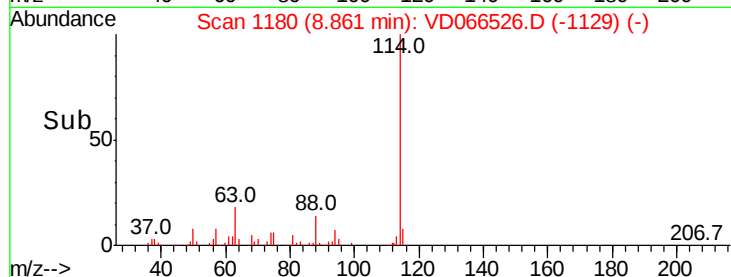
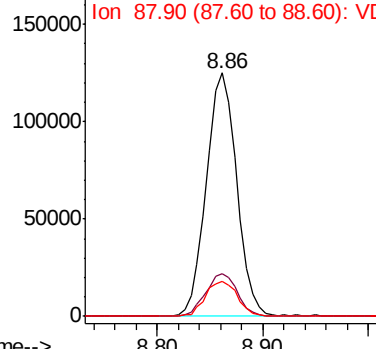
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066526.D
 Acq: 02 Sep 2020 16:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-215

Tot Ion:114 Resp: 249570
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 38.6
 88 14.2 0.0 33.6

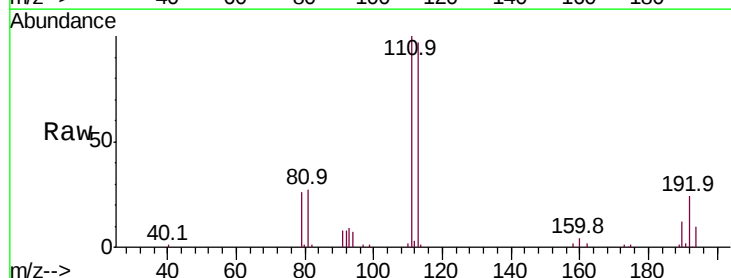


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

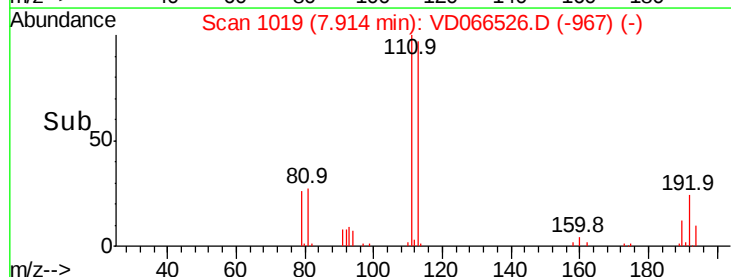
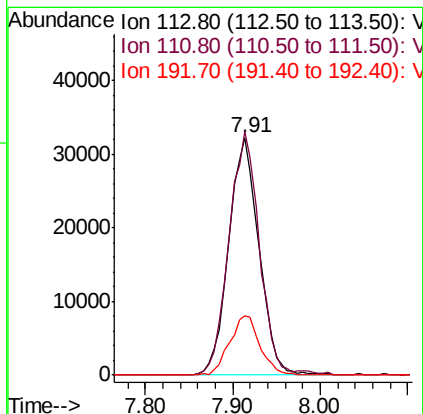


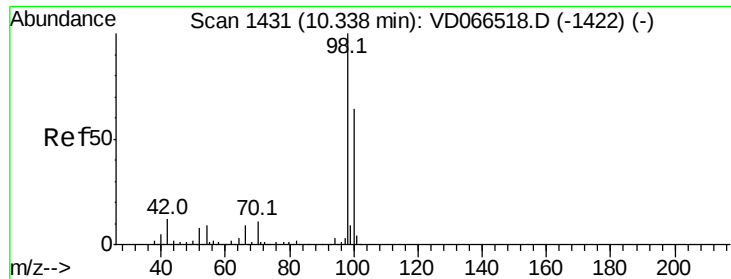
#35
 Dibromofluoromethane
 Concen: 50.544 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066526.D
 Acq: 02 Sep 2020 16:48

Tgt Ion:113 Resp: 75869
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.5 123.7
 192 24.7 20.7 31.1



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

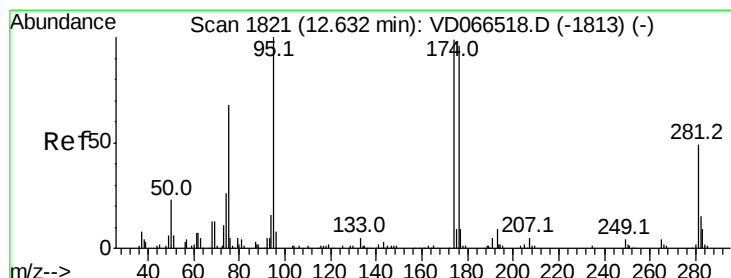
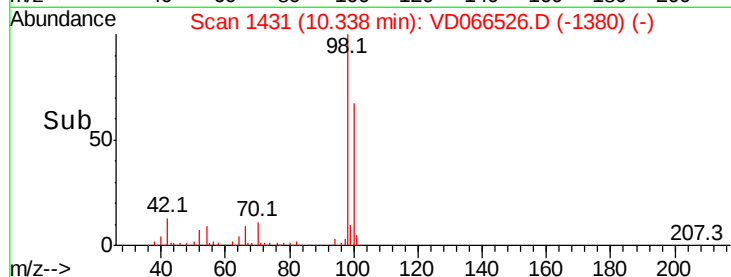
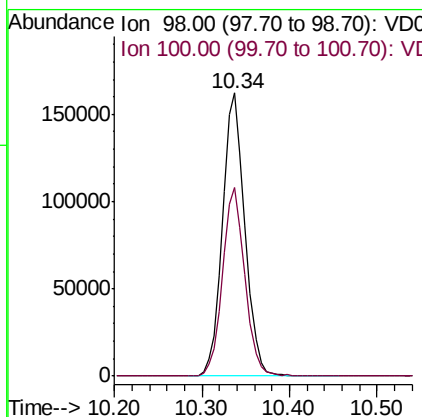
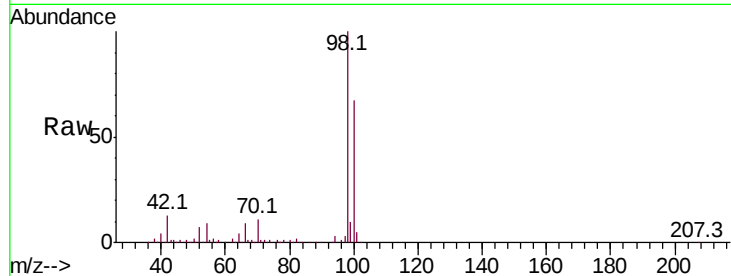




#50
Toluene-d8
Concen: 50.714 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066526.D
Acq: 02 Sep 2020 16:48

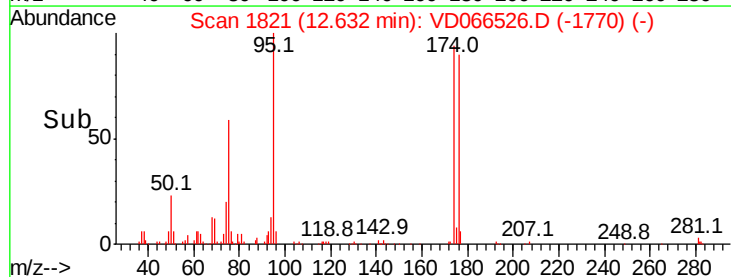
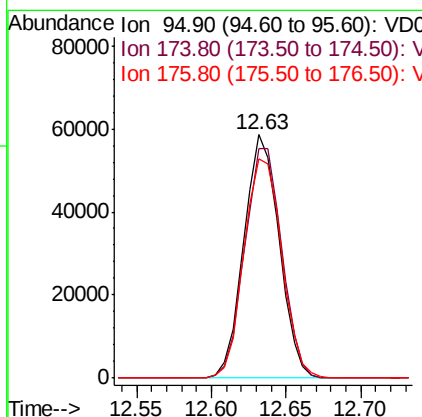
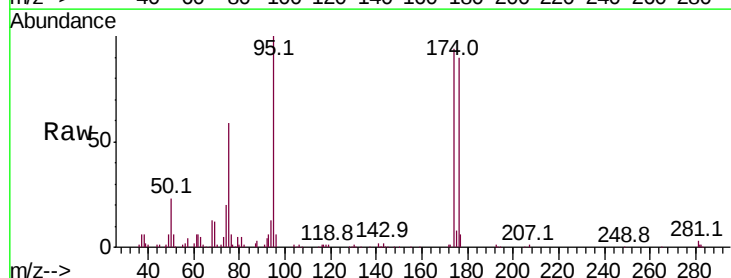
Instrument :
MSVOA_D
ClientSampleId :
VNJ-215

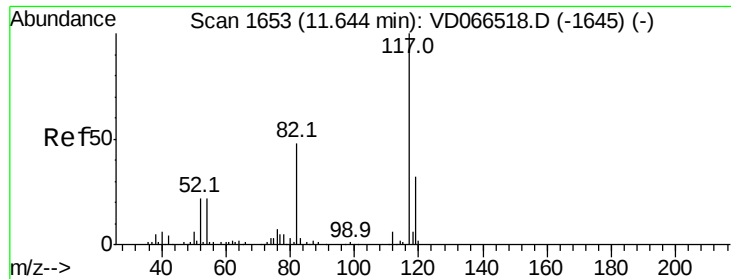
Tot Ion: 98 Resp: 285842
Ion Ratio Lower Upper
98 100
100 66.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.773 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066526.D
Acq: 02 Sep 2020 16:48

Tgt Ion: 95 Resp: 95984
Ion Ratio Lower Upper
95 100
174 99.0 0.0 203.2
176 96.2 0.0 198.6

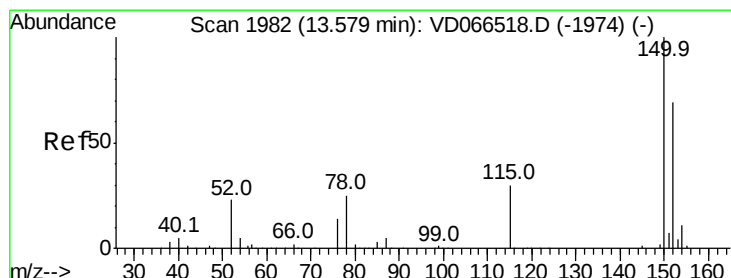
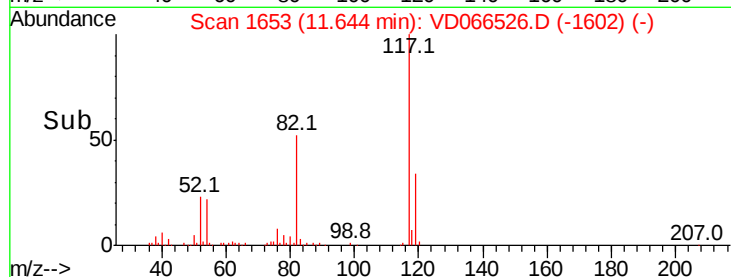
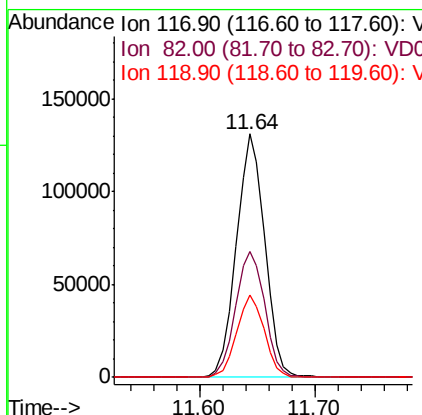
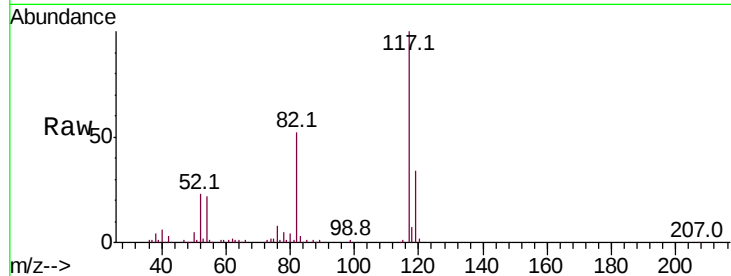




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066526.D
Acq: 02 Sep 2020 16:48

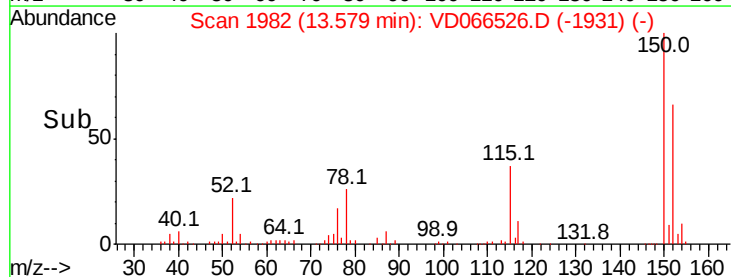
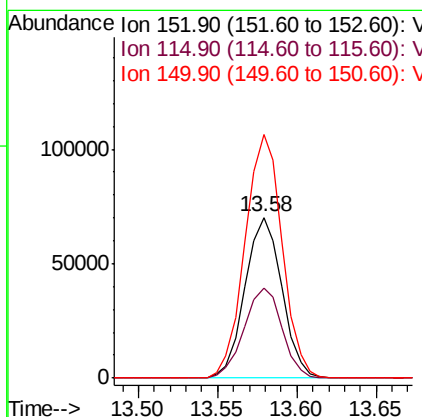
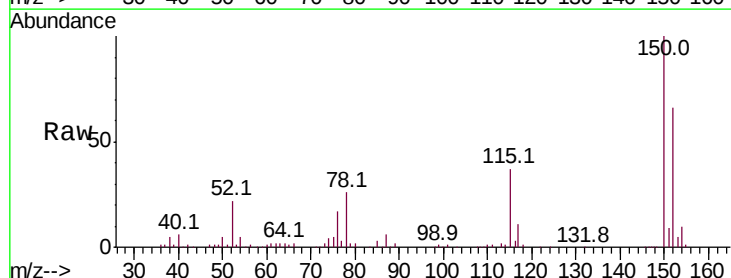
Instrument :
MSVOA_D
ClientSampleId :
VNJ-215

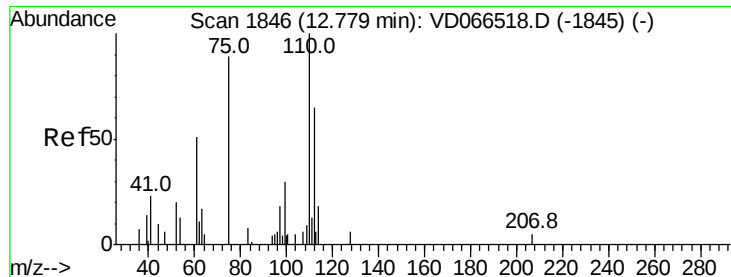
Tot Ion:117 Resp: 223005
Ion Ratio Lower Upper
117 100
82 51.8 38.5 57.7
119 33.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066526.D
Acq: 02 Sep 2020 16:48

Tgt Ion:152 Resp: 114171
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.8
150 151.7 0.0 339.6





#76

1,2,3-Trichloropropane

Concen: 78.938 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066526.D

Acq: 02 Sep 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

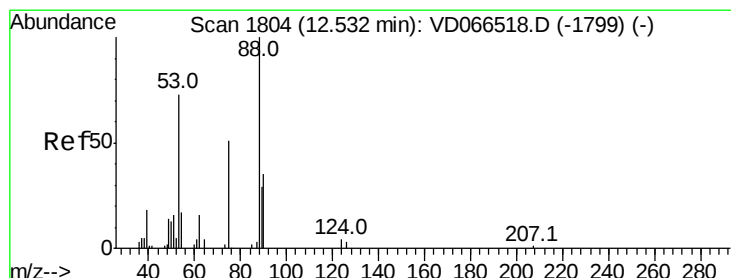
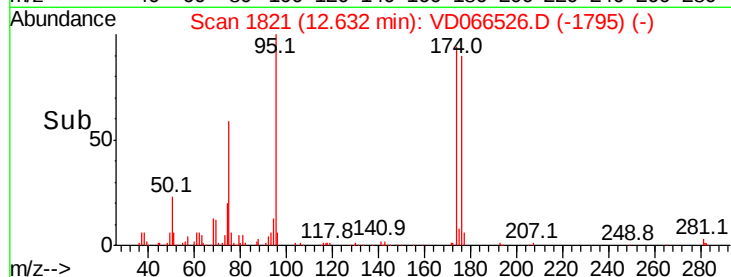
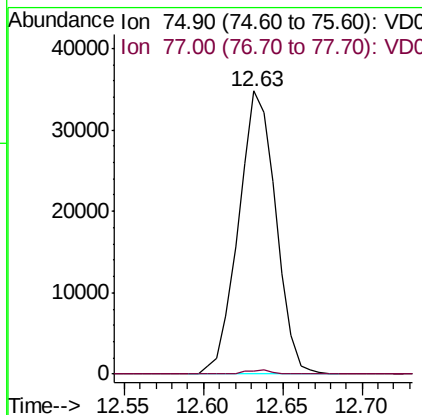
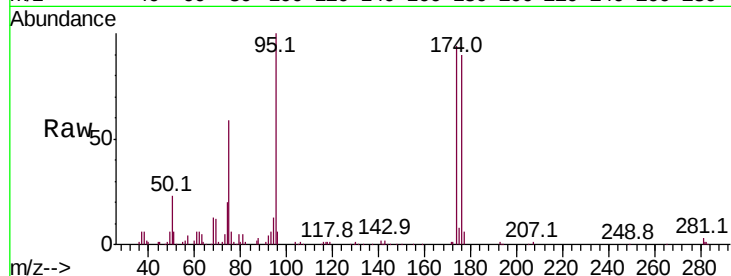
VNJ-215

Tot Ion: 75 Resp: 56694

Ion Ratio Lower Upper

75 100

77 0.9 196.9 590.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 175.787 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066526.D

Acq: 02 Sep 2020 16:48

Tgt Ion: 75 Resp: 56694

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.8#

89 0.2 46.0 69.0#

