

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066522.D
 Acq On : 02 Sep 2020 14:59
 Operator : VA/SY
 Sample : VD0902SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBL01

Quant Time: Sep 03 03:41:57 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	7.97	168	173323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	237367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	216235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	112876	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	98485	52.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.66%	
35) Dibromofluoromethane	7.91	113	76561	53.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.26%	
50) Toluene-d8	10.34	98	284613	53.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.63	95	99516	52.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.16%	

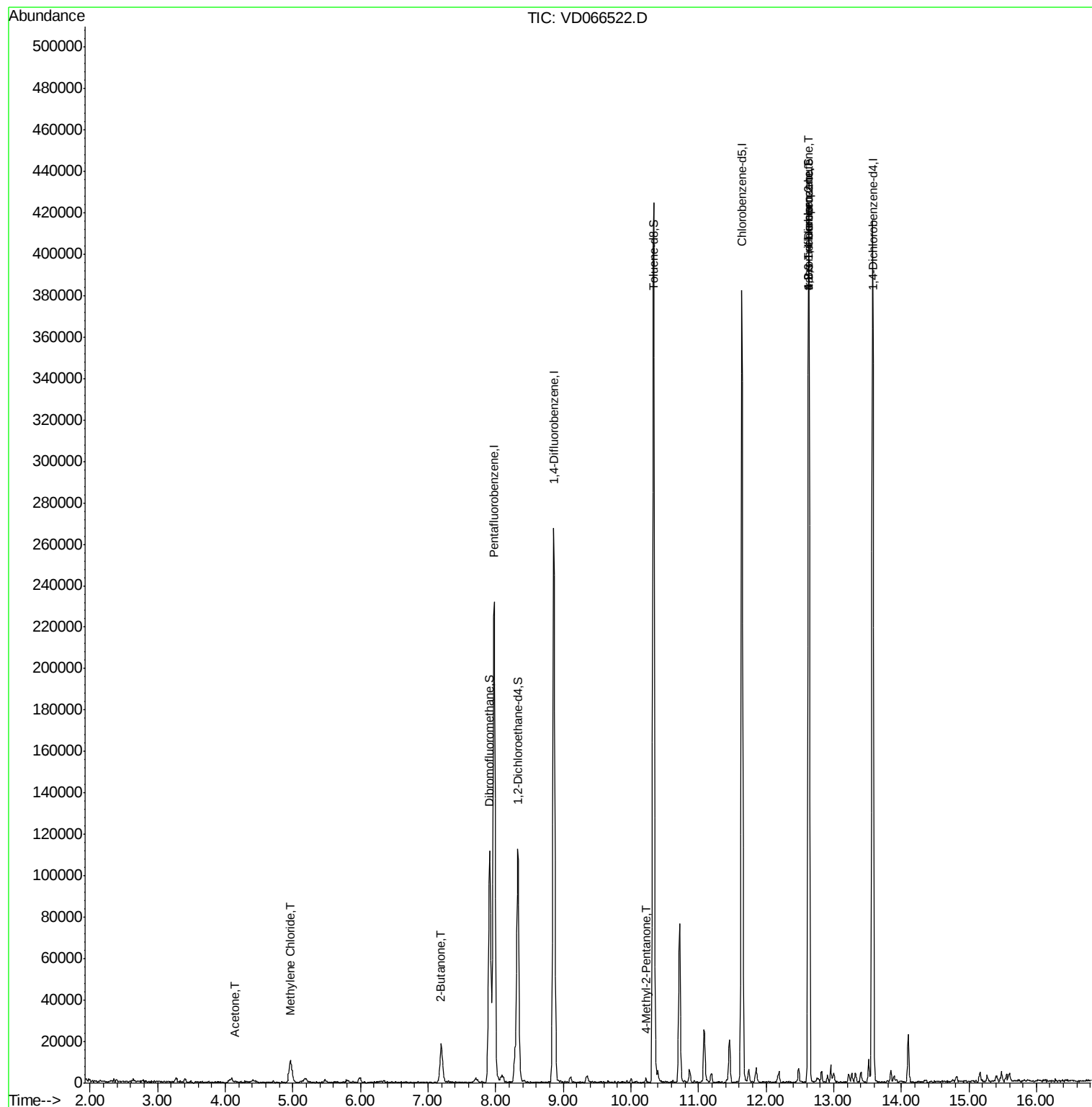
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	527	Below Cal	#	76
16) Acetone	4.15	43	986	3.577	ug/l #	53
20) Methylene Chloride	4.97	84	8113	1.675	ug/l #	78
25) 2-Butanone	7.18	43	656	2.299	ug/l #	41
31) Cyclohexane	7.97	56	4494	Below Cal	#	30
51) 4-Methyl-2-Pentanone	10.23	43	991	1.647	ug/l	92
76) 1,2,3-Trichloropropane	12.63	75	60027	84.537	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	60027	188.257	ug/l #	1

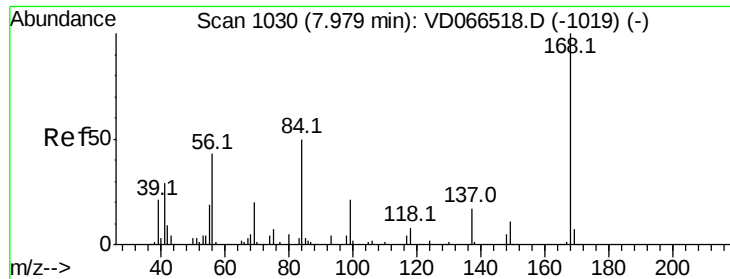
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090220\
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Quant Time: Sep 03 03:41:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
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: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

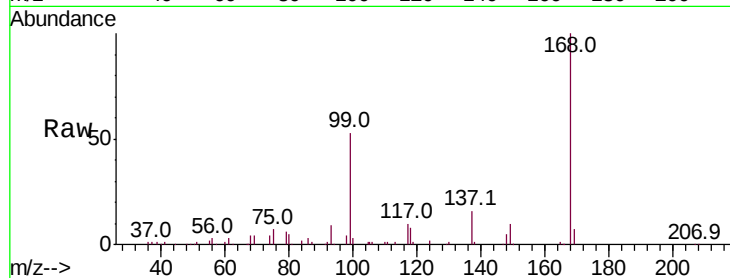
VD0902SBL01

Tot Ion:168 Resp: 173323

Ion Ratio Lower Upper

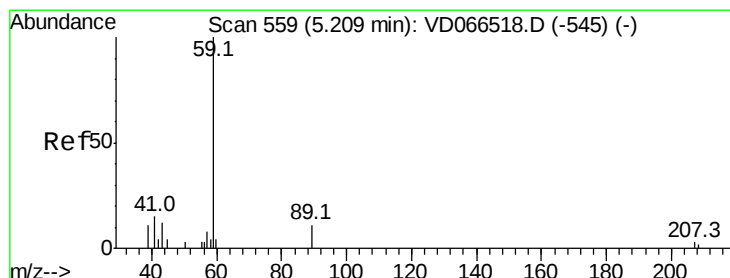
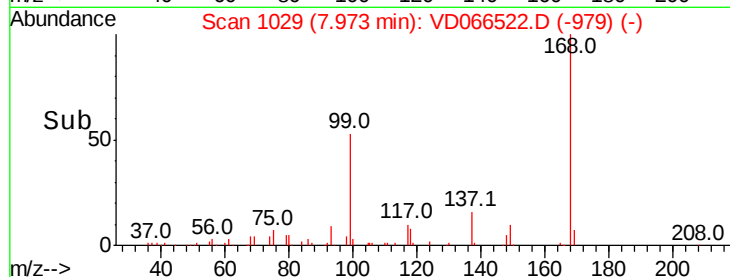
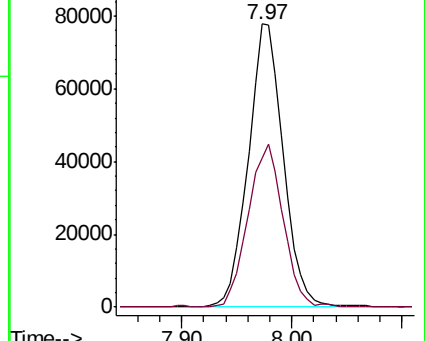
168 100

99 52.3 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: 5.20 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD066522.D

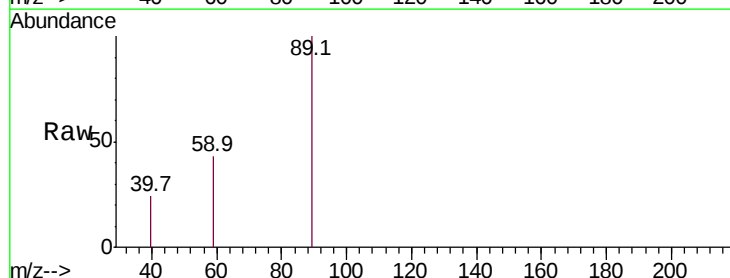
Acq: 02 Sep 2020 14:59

Tgt Ion: 59 Resp: 527

Ion Ratio Lower Upper

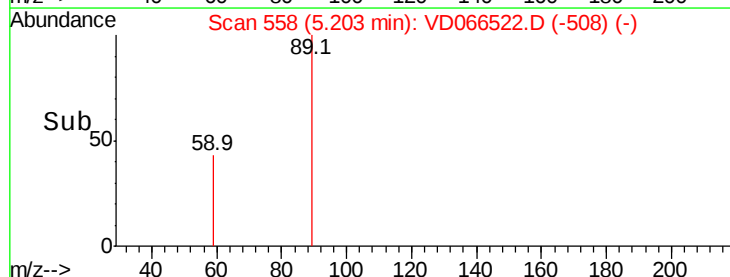
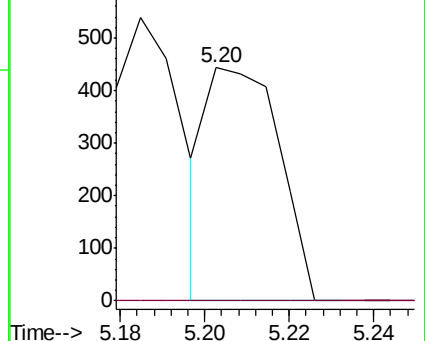
59 100

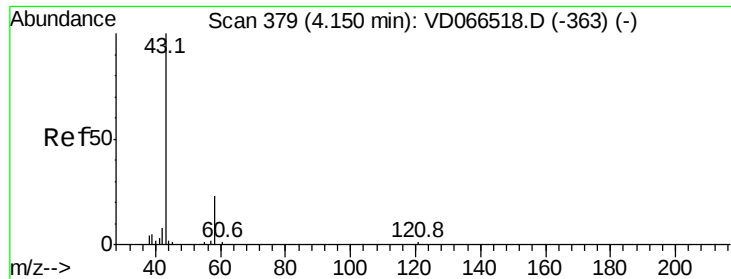
57 0.0 6.8 10.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 3.577 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.00 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

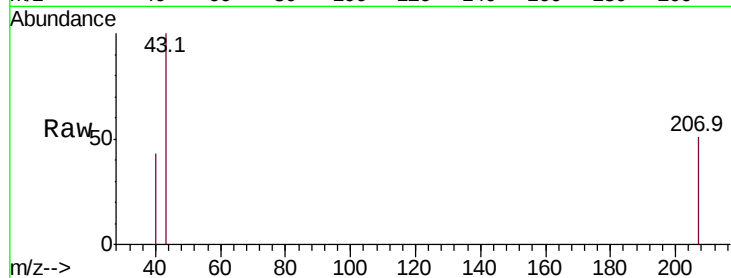
VD0902SBL01

Tot Ion: 43 Resp: 986

Ion Ratio Lower Upper

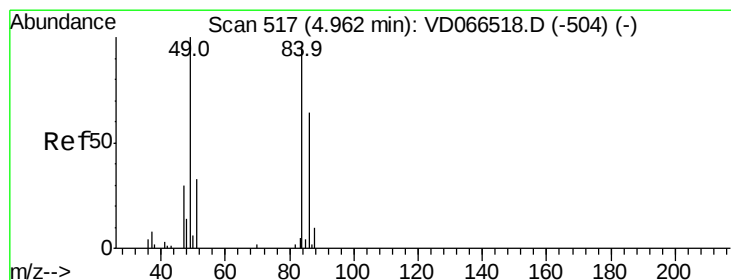
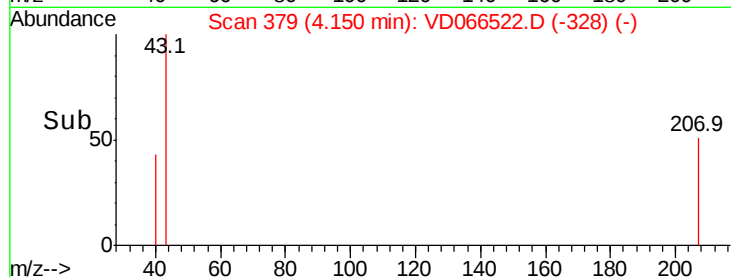
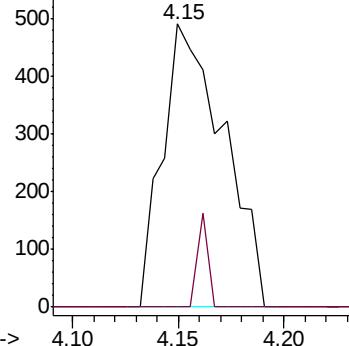
43 100

58 0.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 1.675 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Tgt Ion: 84 Resp: 8113

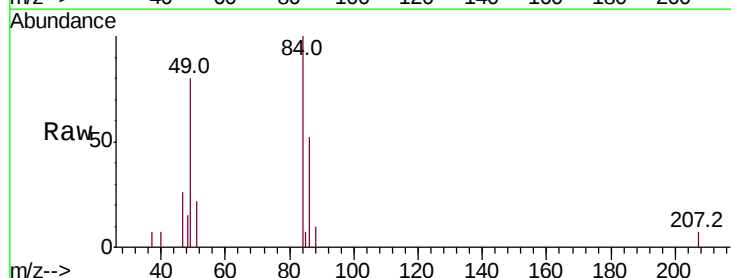
Ion Ratio Lower Upper

84 100

49 80.1 83.5 125.3#

51 21.9 27.8 41.8#

86 52.4 53.5 80.3#

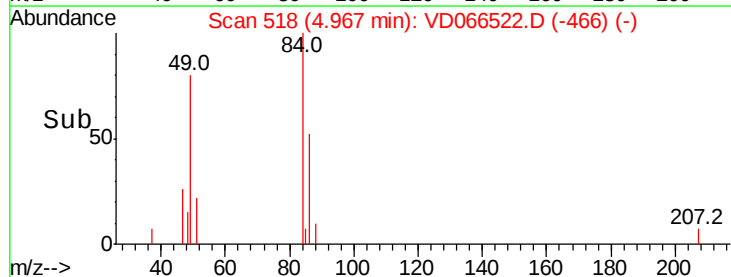
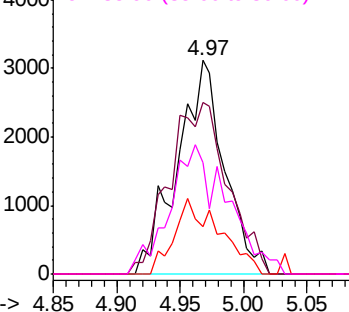


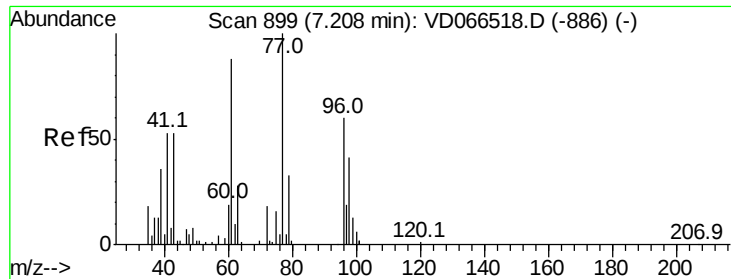
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

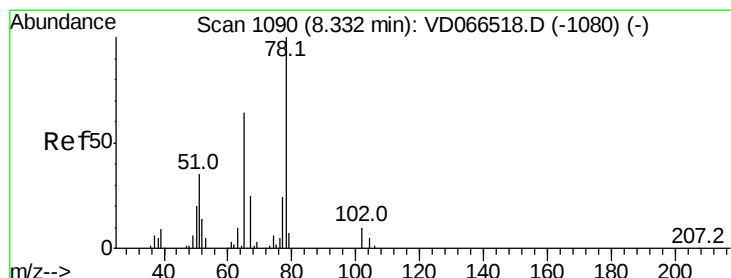
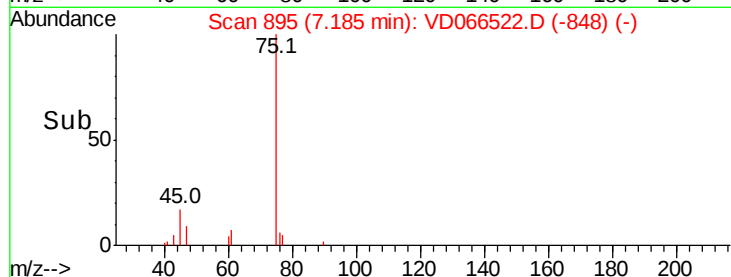
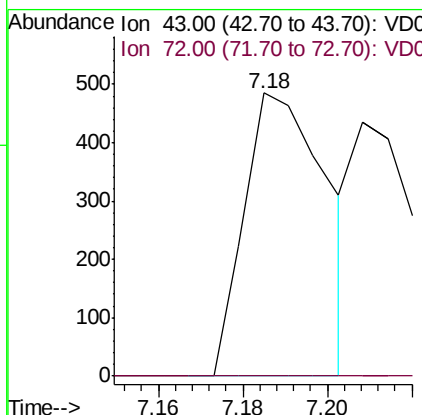
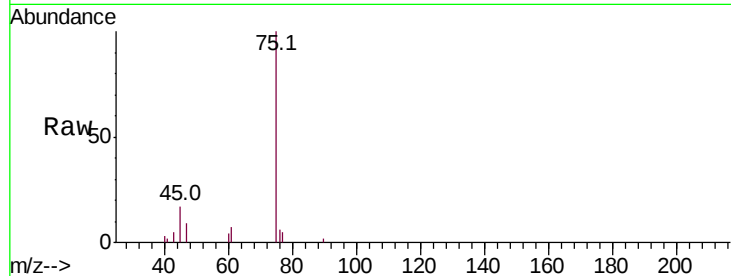




#25
2-Butanone
Concen: 2.299 ug/l
RT: 7.18 min Scan# 895
Delta R.T. -0.02 min
Lab File: VD066522.D
Acq: 02 Sep 2020 14:59

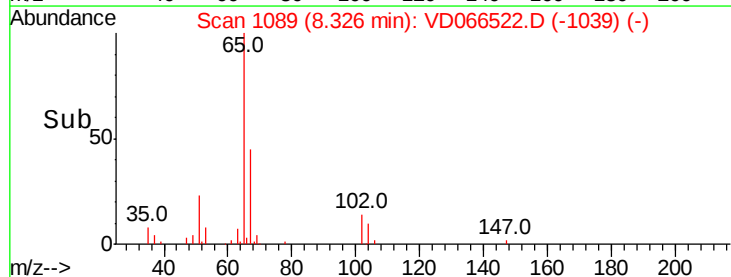
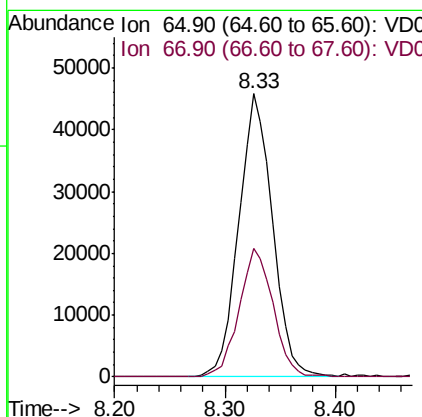
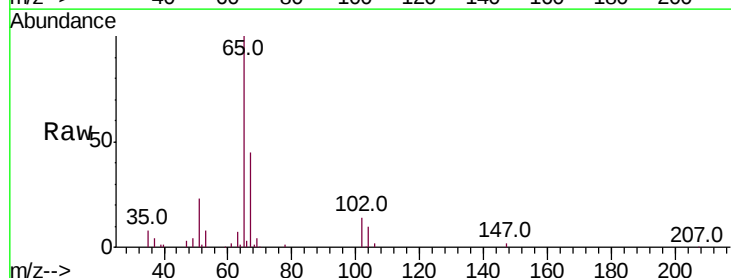
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBL01

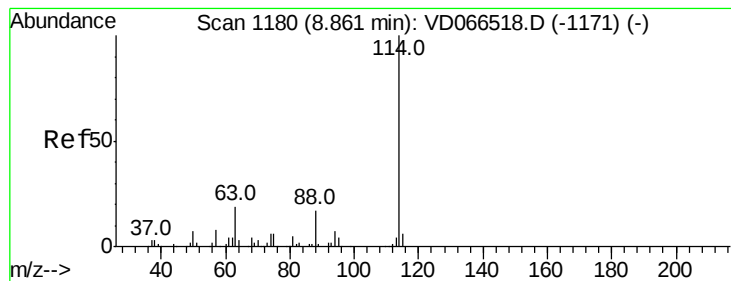
Tot Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
72 0.0 26.8 40.2#



#33
1,2-Dichloroethane-d4
Concen: 52.835 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066522.D
Acq: 02 Sep 2020 14:59

Tgt Ion: 65 Resp: 98485
Ion Ratio Lower Upper
65 100
67 45.7 0.0 88.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBL01

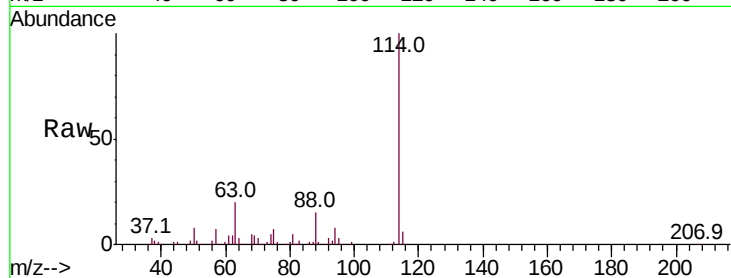
Tot Ion:114 Resp: 237367

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

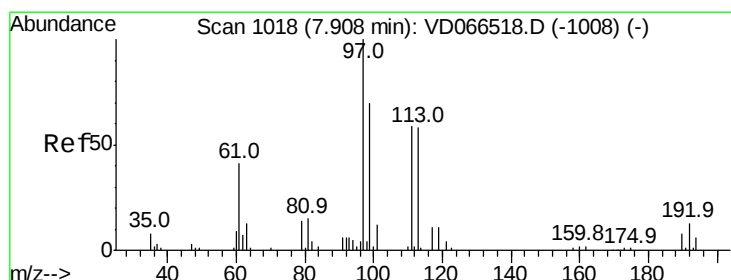
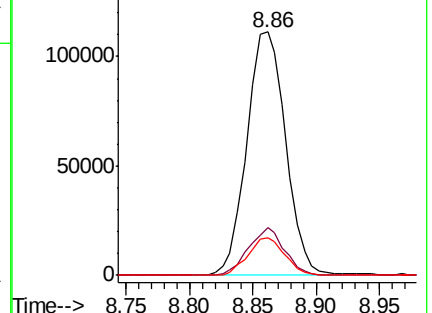
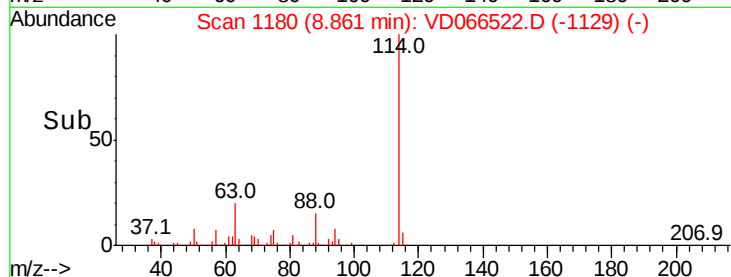
88 15.2 0.0 33.6



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: 53.627 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

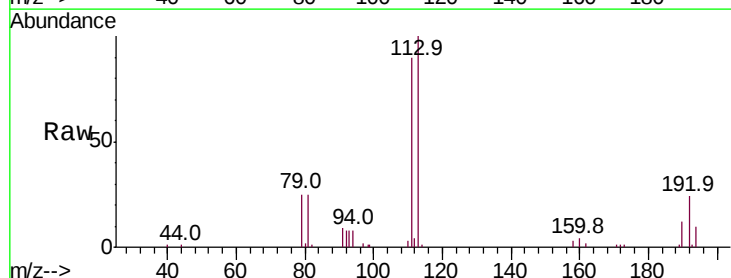
Tgt Ion:113 Resp: 76561

Ion Ratio Lower Upper

113 100

111 100.4 82.5 123.7

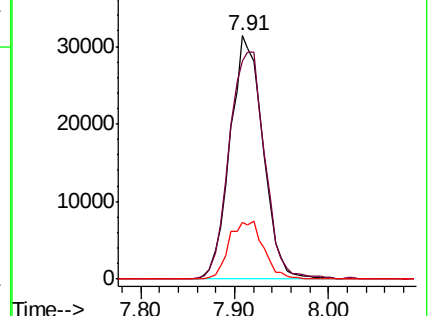
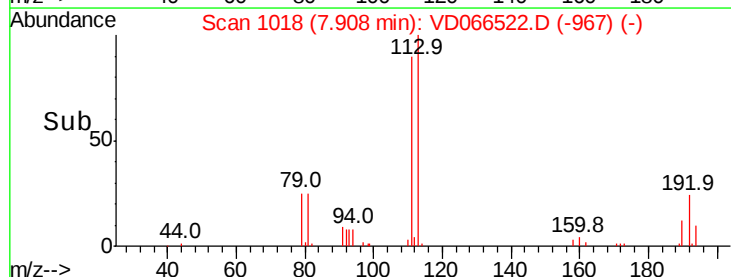
192 24.6 20.7 31.1

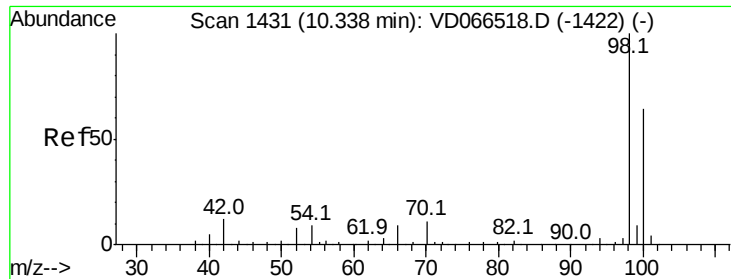


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.092 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

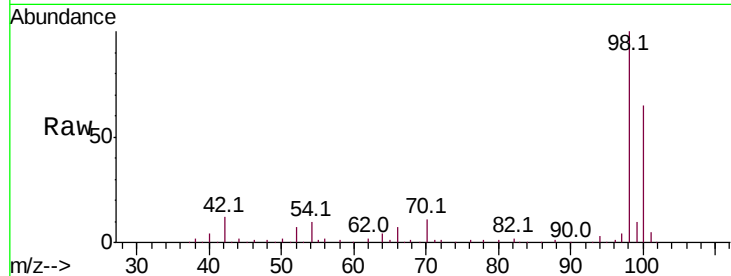
VD0902SBL01

Tot Ion: 98 Resp: 284613

Ion Ratio Lower Upper

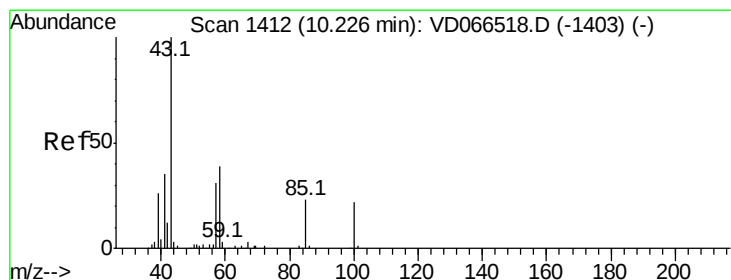
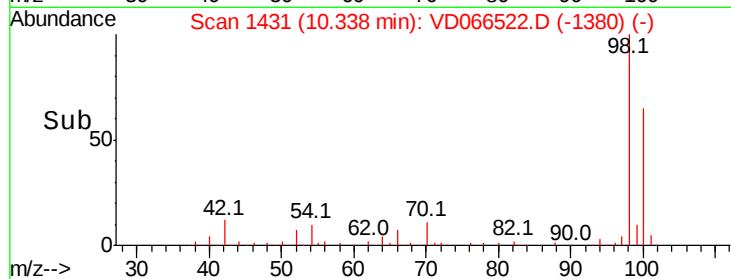
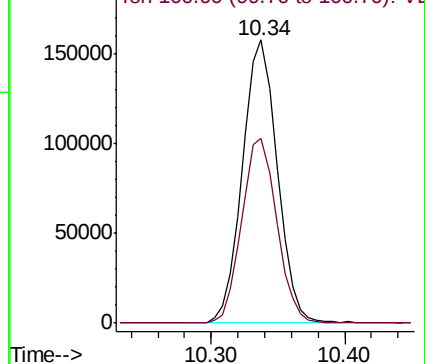
98 100

100 66.1 52.8 79.2



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: 1.647 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066522.D

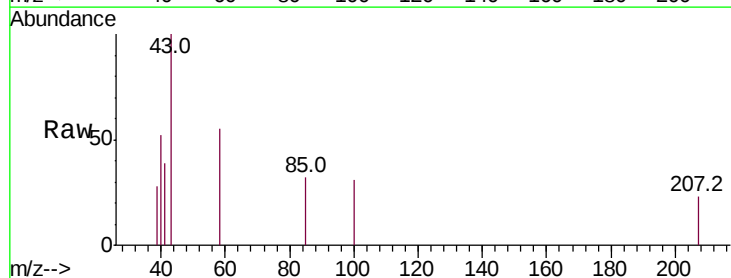
Acq: 02 Sep 2020 14:59

Tgt Ion: 43 Resp: 991

Ion Ratio Lower Upper

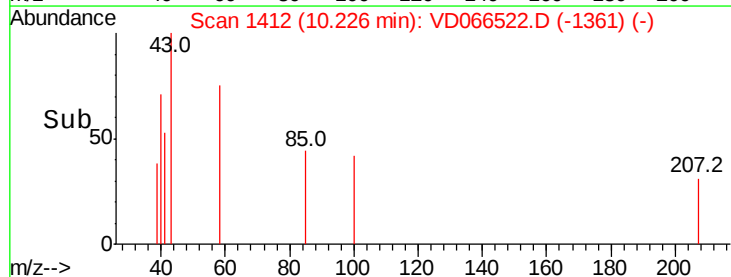
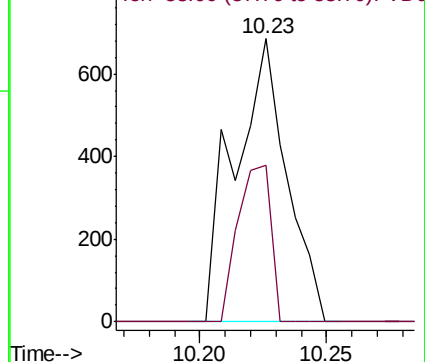
43 100

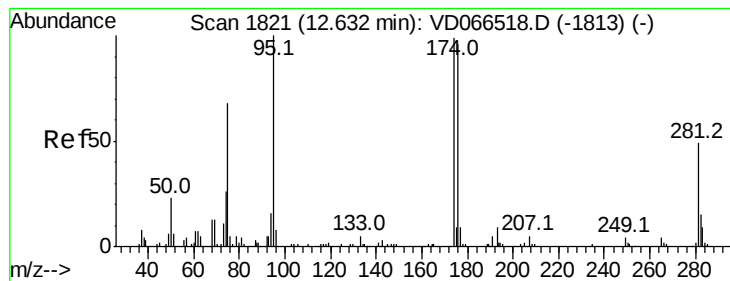
58 34.4 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#62

4-Bromofluorobenzene

Concen: 52.078 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBL01

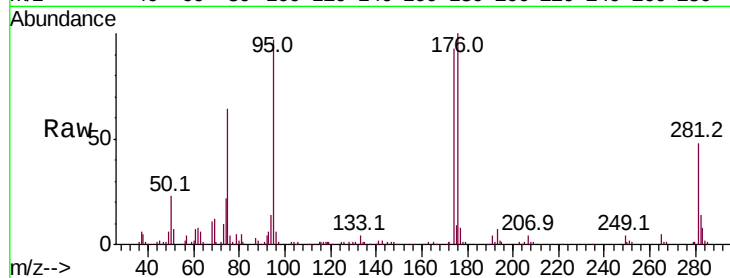
Tot Ion: 95 Resp: 99516

Ion Ratio Lower Upper

95 100

174 98.0 0.0 203.2

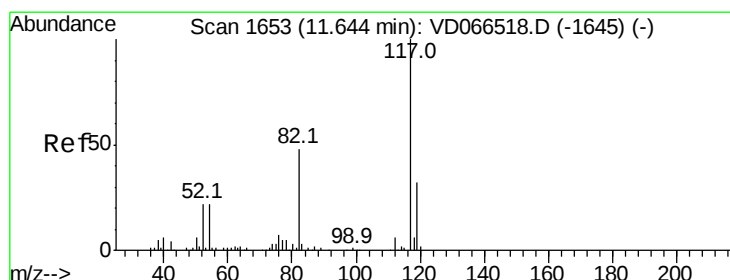
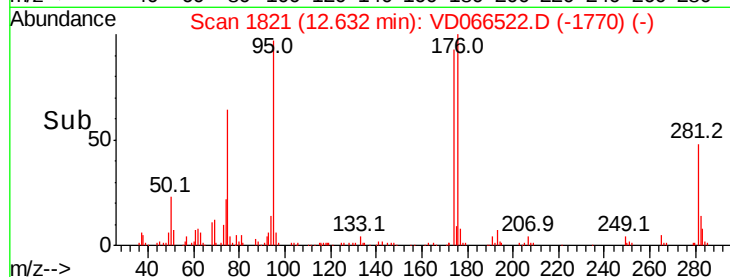
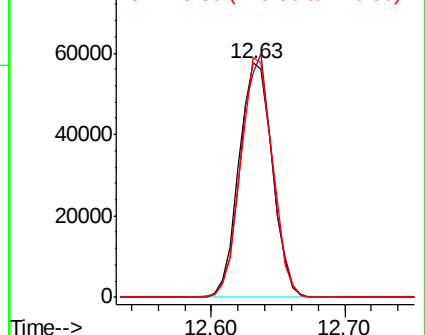
176 98.1 0.0 198.6



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: VD066522.D

Acq: 02 Sep 2020 14:59

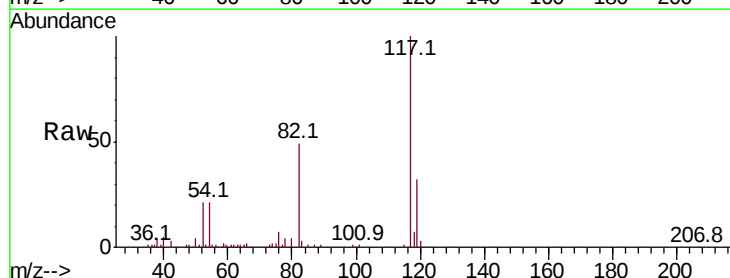
Tgt Ion: 117 Resp: 216235

Ion Ratio Lower Upper

117 100

82 49.2 38.5 57.7

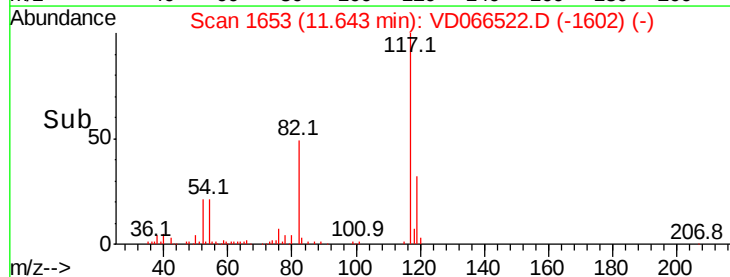
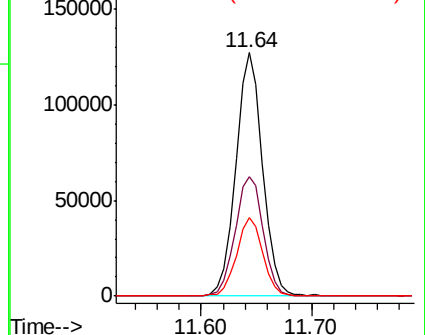
119 32.0 25.9 38.9

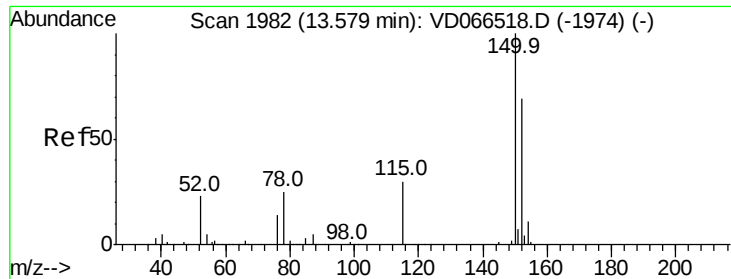


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



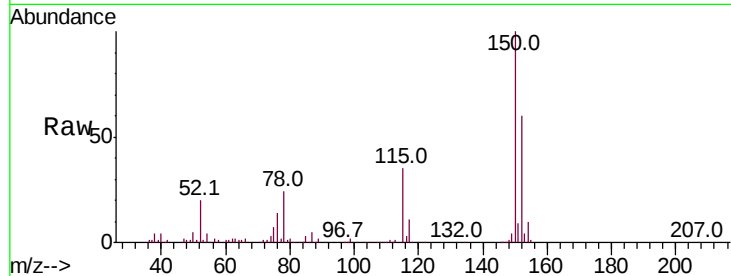


#72

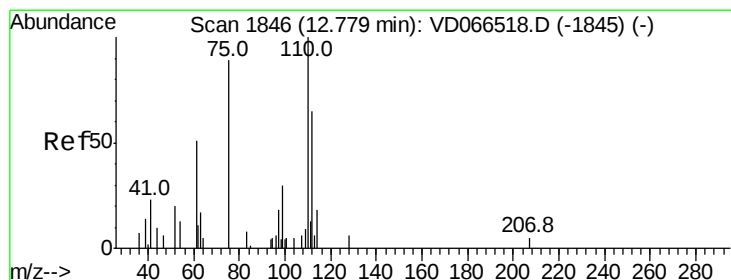
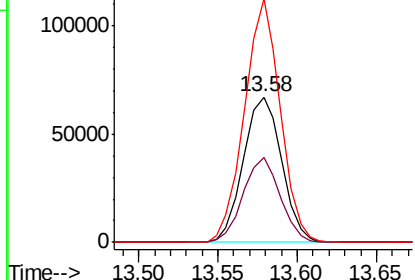
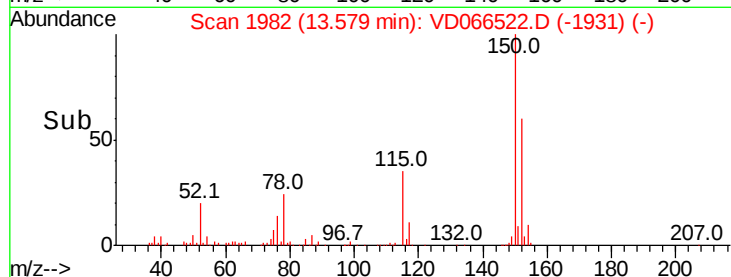
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066522.D
Acq: 02 Sep 2020 14:59

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBL01

Tot Ion:152 Resp: 112876
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 156.5 0.0 339.6



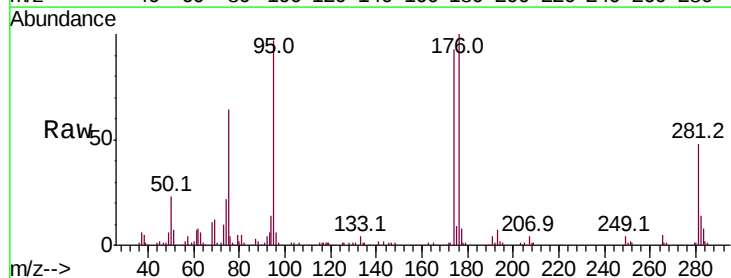
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



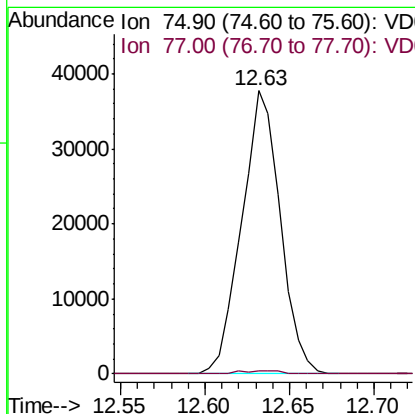
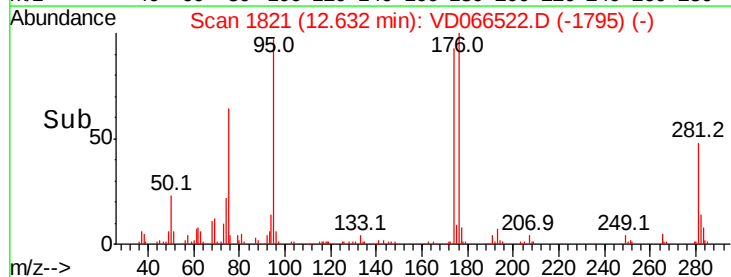
#76

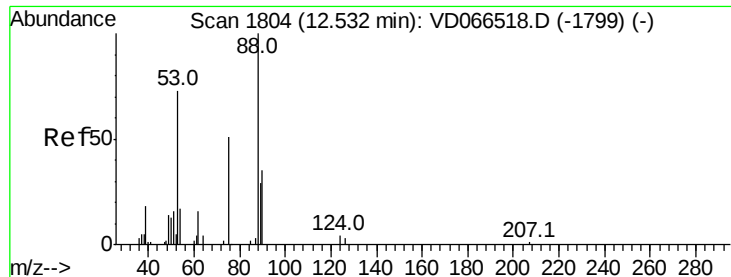
1,2,3-Trichloropropane
Concen: 84.537 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066522.D
Acq: 02 Sep 2020 14:59

Tgt Ion: 75 Resp: 60027
Ion Ratio Lower Upper
75 100
77 1.0 196.9 590.7#



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: 188.257 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066522.D

Acq: 02 Sep 2020 14:59

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBL01

Tot Ion: 75 Resp: 60027

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.8#

89 0.4 46.0 69.0#

