

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012920\
 Data File : VD064994.D
 Acq On : 29 Jan 2020 13:54
 Operator : VA/SY
 Sample : L1289-01RE
 Misc : 8.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-26-27

Quant Time: Jan 29 15:37:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	520898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	821938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	806255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	386388	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	264818	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	
35) Dibromofluoromethane	7.92	113	256489	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
50) Toluene-d8	10.34	98	1012187	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.64	95	341857	56.04	ug/l	0.00
Spiked Amount			Recovery	=	112.08%	

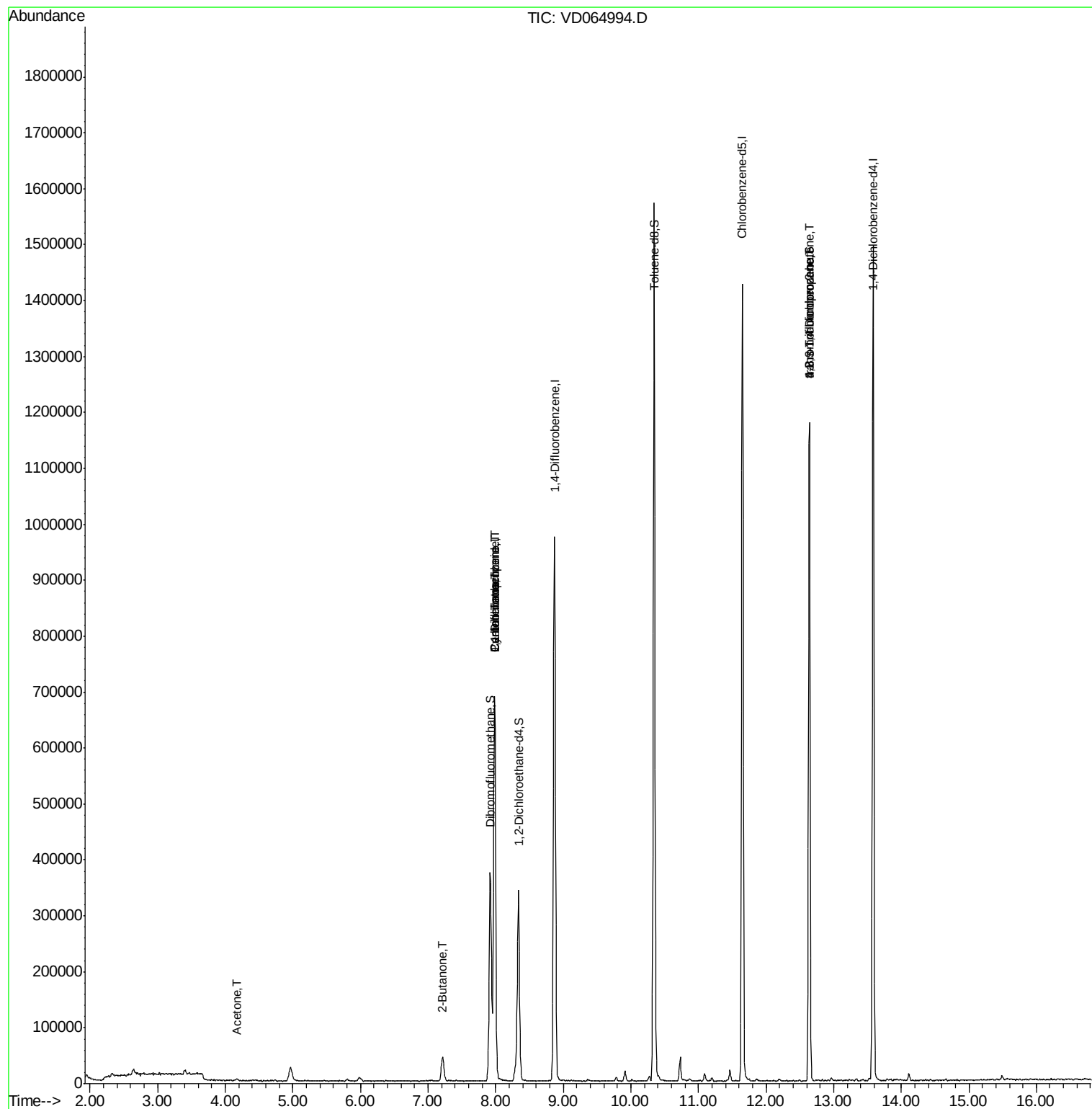
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	5258	17.37	ug/l	90
20) Methylene Chloride	4.96	84	18041	Below Cal	#	85
25) 2-Butanone	7.22	43	3309	2.45	ug/l	49
31) Cyclohexane	7.98	56	11679	1.34	ug/l	25
36) 1,1-Dichloropropene	7.98	75	38011	4.80	ug/l	50
38) Carbon Tetrachloride	7.98	117	50067	5.98	ug/l	18
76) 1,2,3-Trichloropropane	12.64	75	183565	57.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.64	75	183565	122.22	ug/l	9

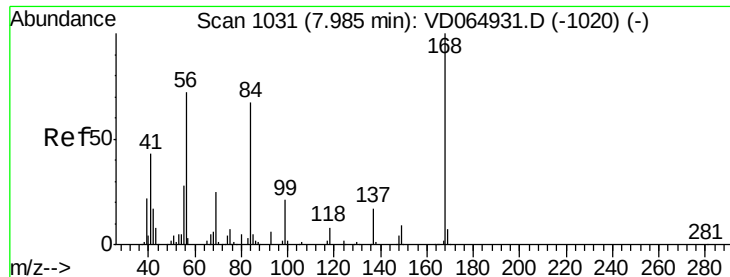
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD012920\
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064994.D

Acq: 29 Jan 2020 13:54

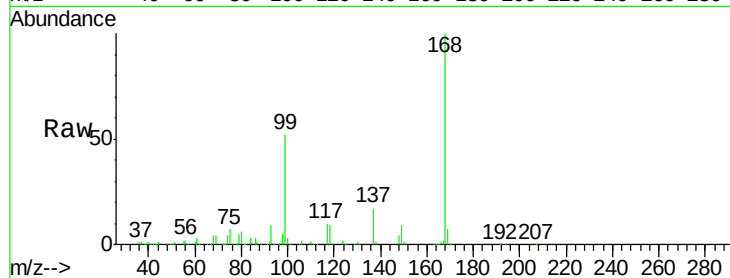
Instrument :
MSVOA_D
ClientSampled :
TP-26-27

Tgt Ion:168 Resp: 520898

Ion Ratio Lower Upper

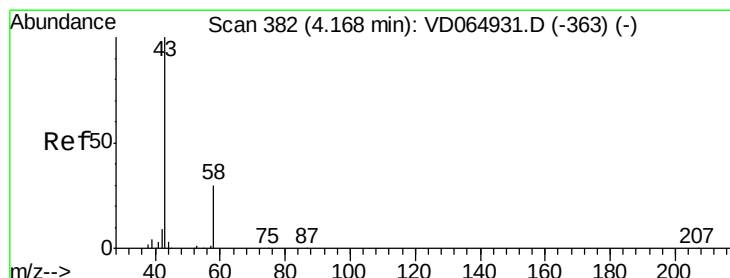
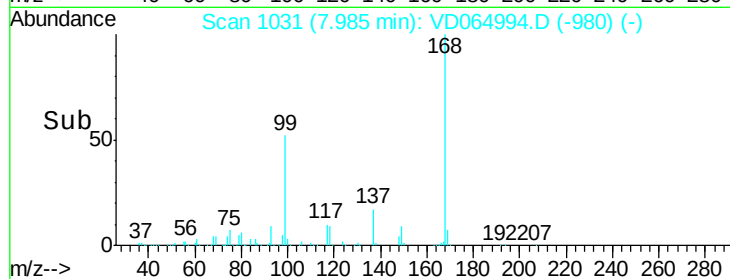
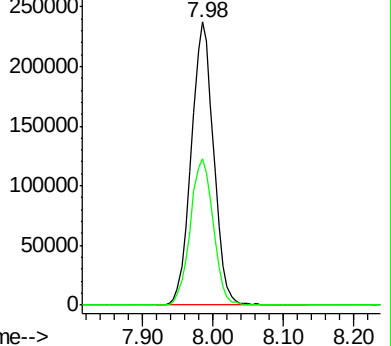
168 100

99 51.6 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 17.37 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064994.D

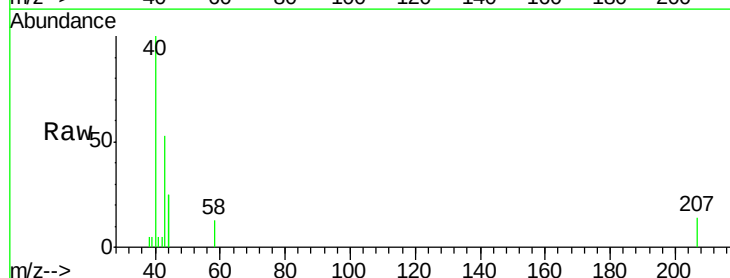
Acq: 29 Jan 2020 13:54

Tgt Ion: 43 Resp: 5258

Ion Ratio Lower Upper

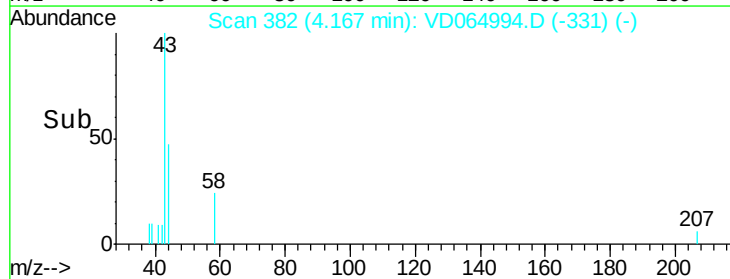
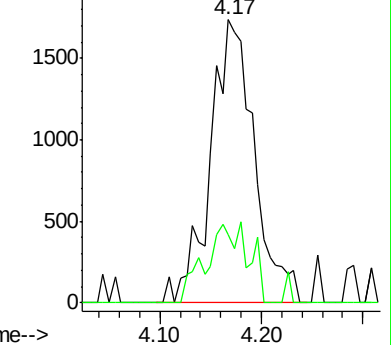
43 100

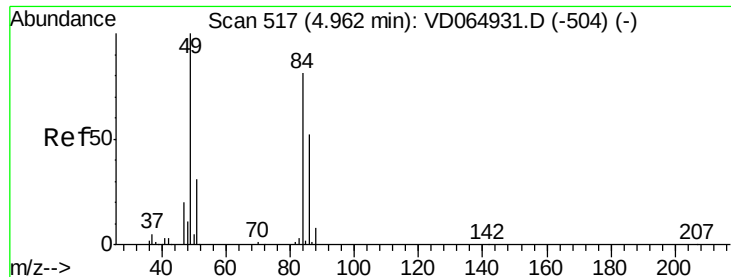
58 24.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

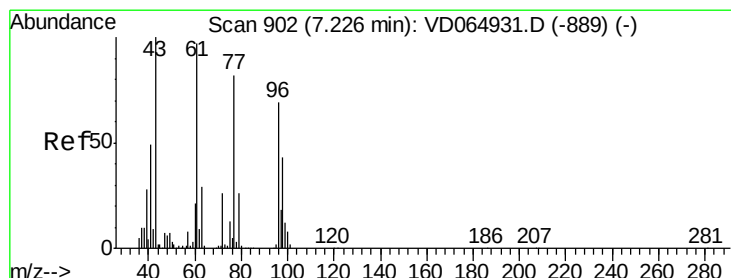
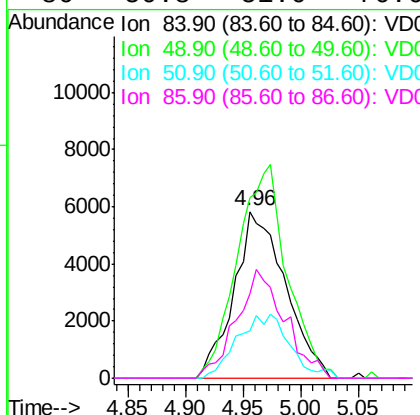
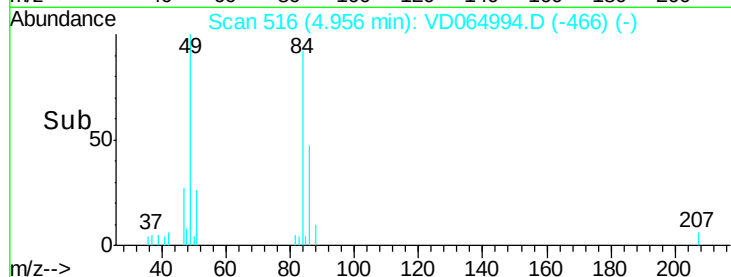
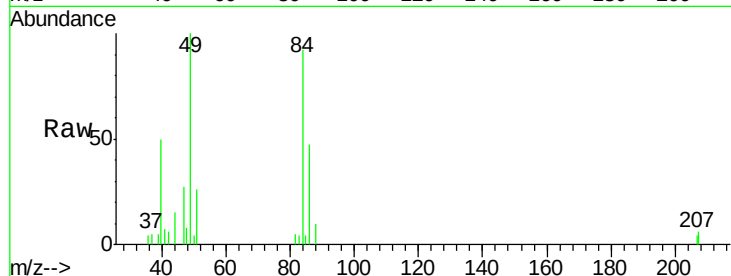




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064994.D
Acq: 29 Jan 2020 13:54

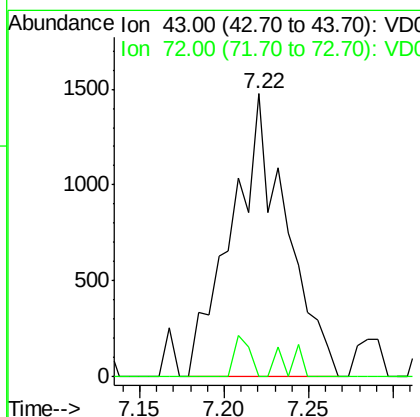
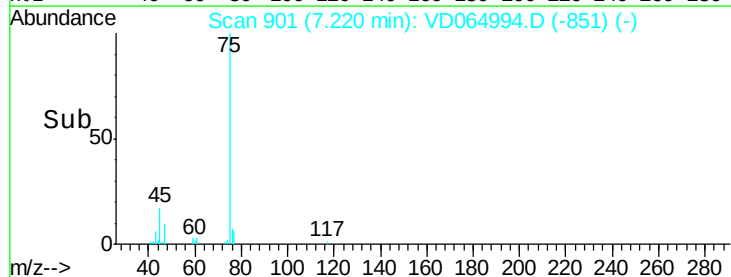
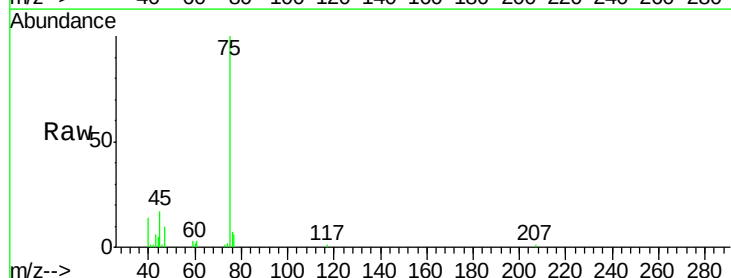
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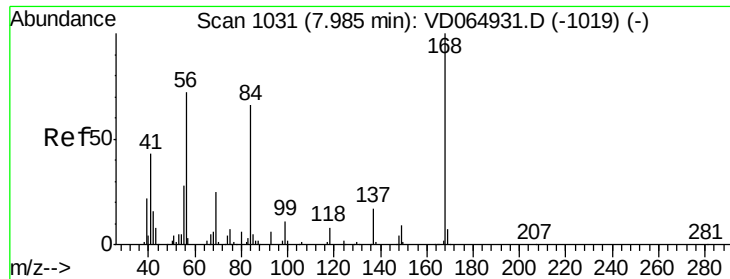
Tgt Ion: 84 Resp: 18041
Ion Ratio Lower Upper
84 100
49 108.6 98.4 147.6
51 28.1 30.8 46.2#
86 50.8 51.0 76.6#



#25
2-Butanone
Concen: 2.45 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD064994.D
Acq: 29 Jan 2020 13:54

Tgt Ion: 43 Resp: 3309
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#

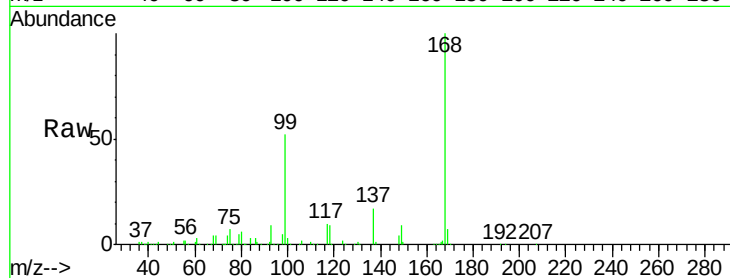




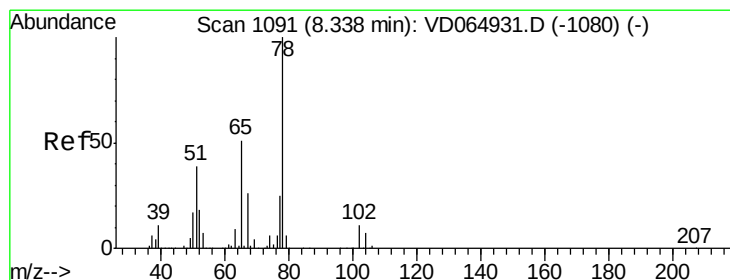
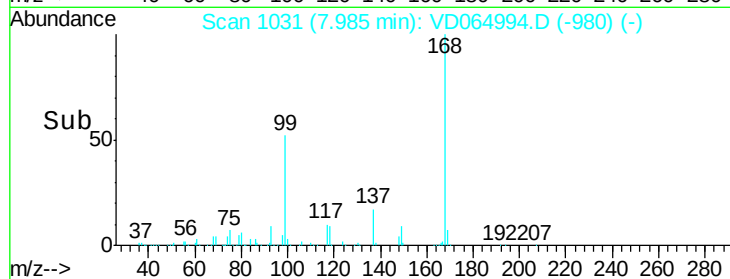
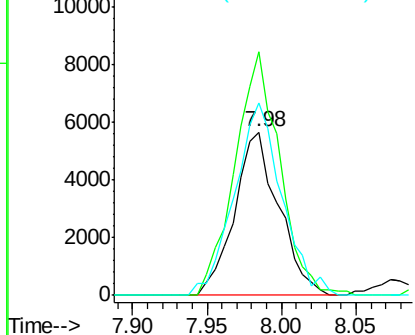
#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064994.D
Acq: 29 Jan 2020 13:54

Instrument :
MSVOA_D
ClientSampled :
TP-26-27

Tgt Ion: 56 Resp: 11679
Ion Ratio Lower Upper
56 100
69 149.3 27.9 41.9#
84 117.8 72.8 109.2#

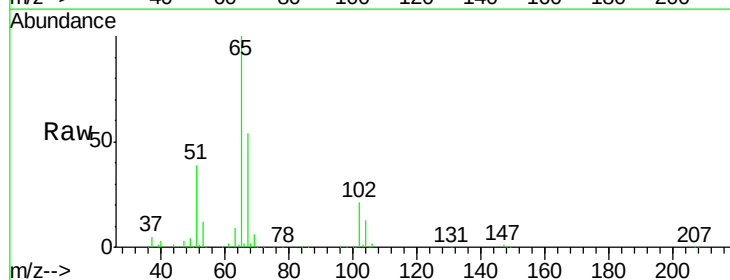


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

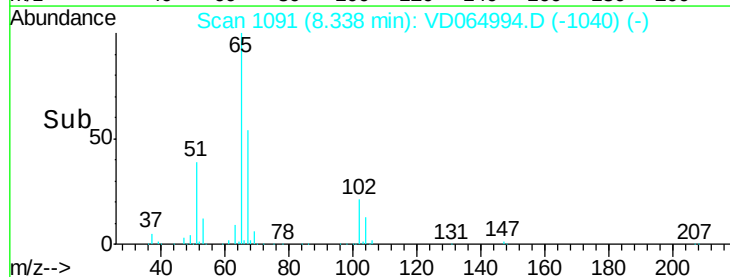
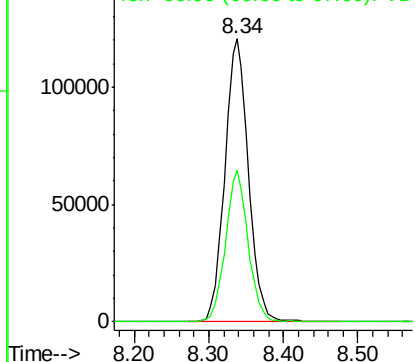


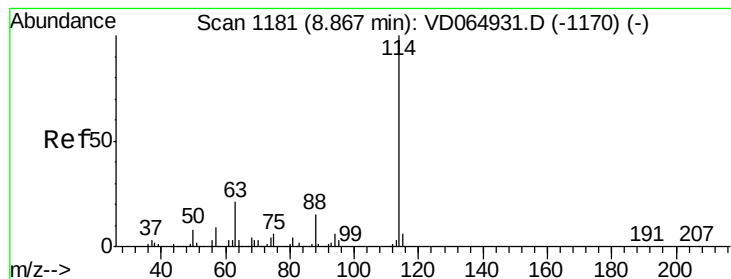
#33
1,2-Dichloroethane-d4
Concen: 53.00 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064994.D
Acq: 29 Jan 2020 13:54

Tgt Ion: 65 Resp: 264818
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.6



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD064994.D

Acq: 29 Jan 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

TP-26-27

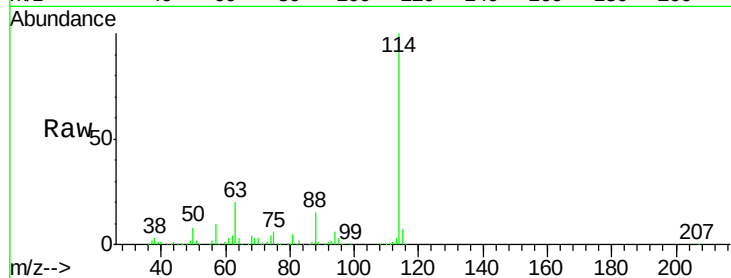
Tgt Ion:114 Resp: 821938

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.0

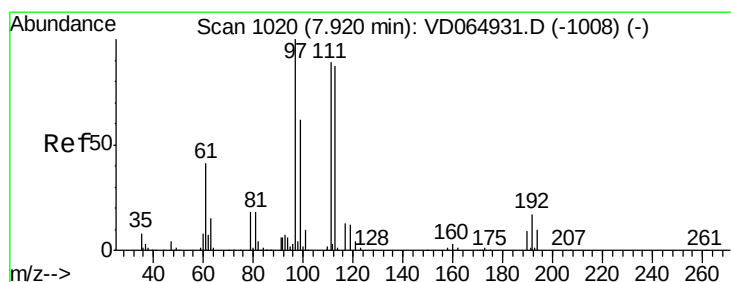
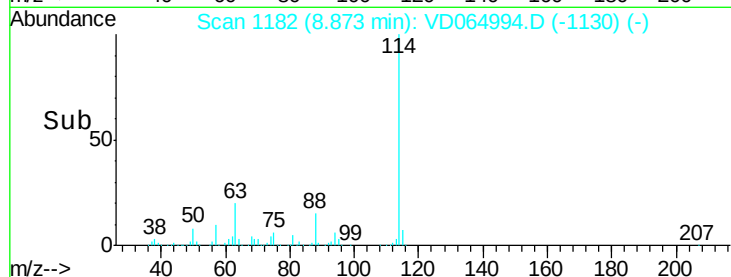
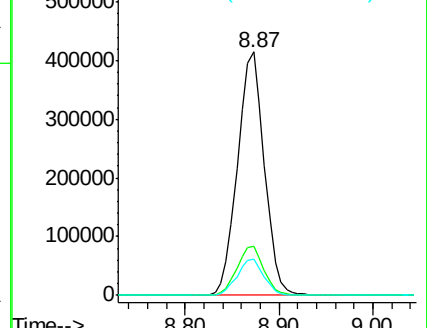
88 14.6 0.0 29.4



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: 49.66 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064994.D

Acq: 29 Jan 2020 13:54

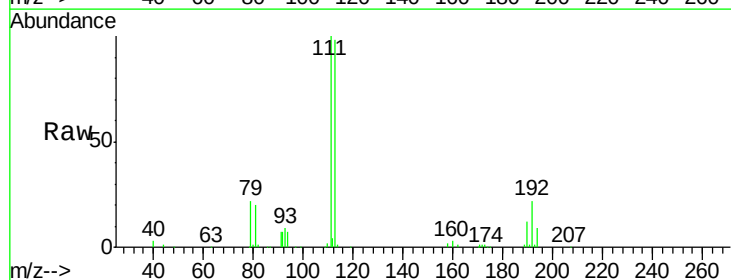
Tgt Ion:113 Resp: 256489

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

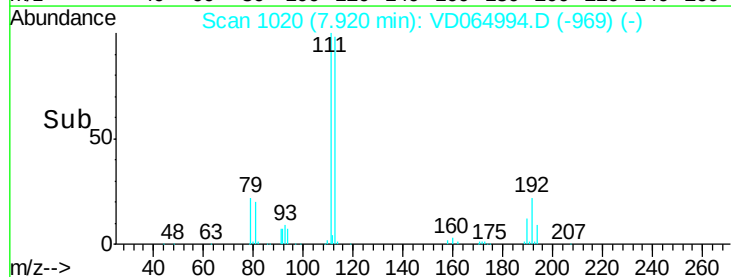
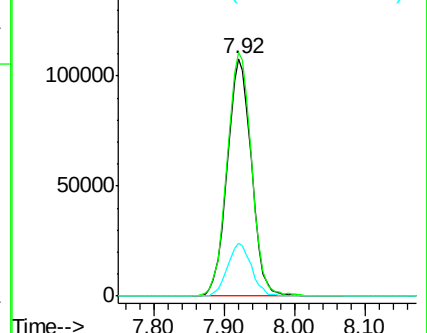
192 22.0 16.9 25.3

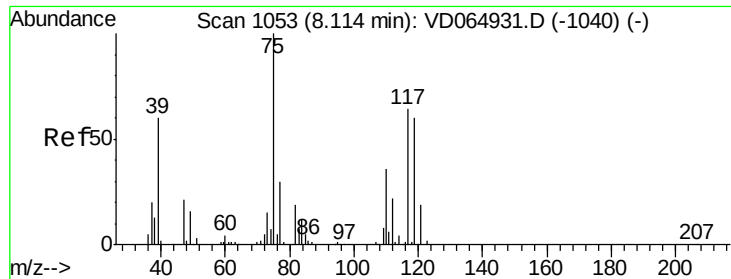


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

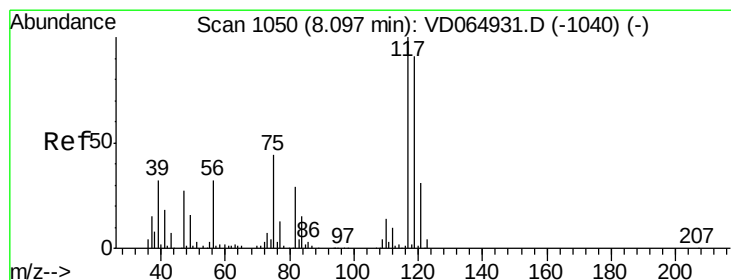
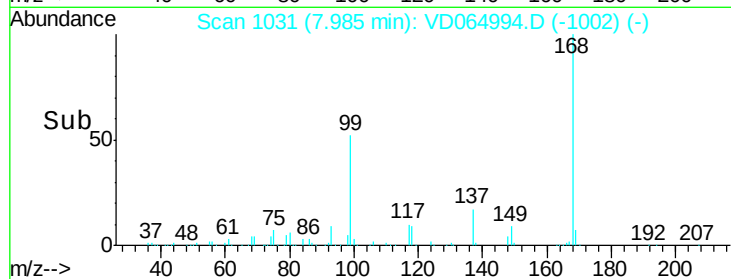
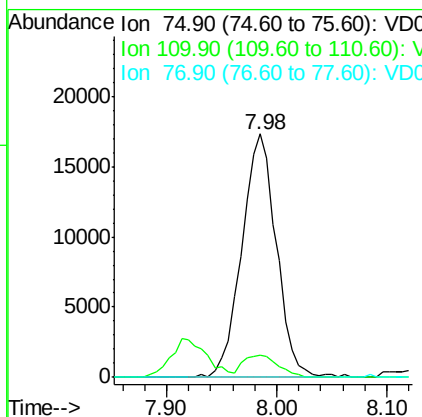
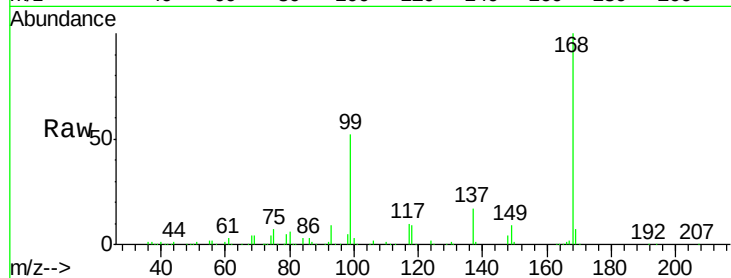




#36
 1,1-Dichloropropene
 Concen: 4.80 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064994.D
 Acq: 29 Jan 2020 13:54

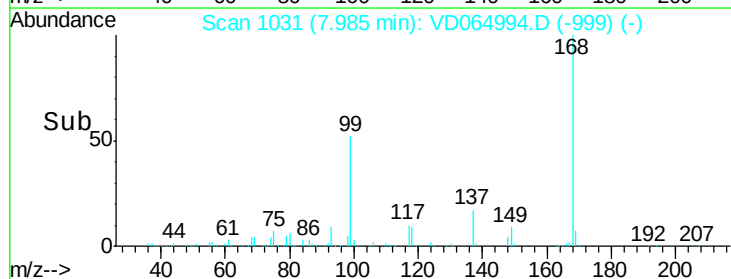
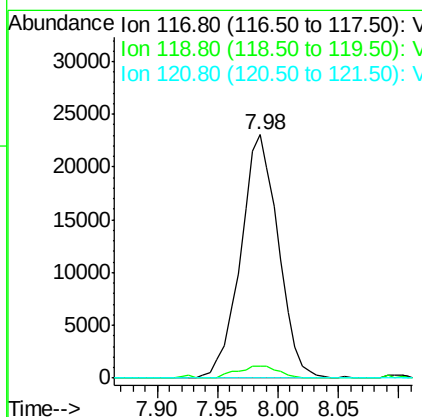
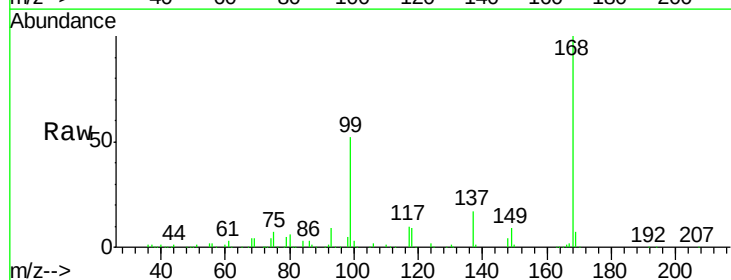
Instrument :
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 TP-26-27

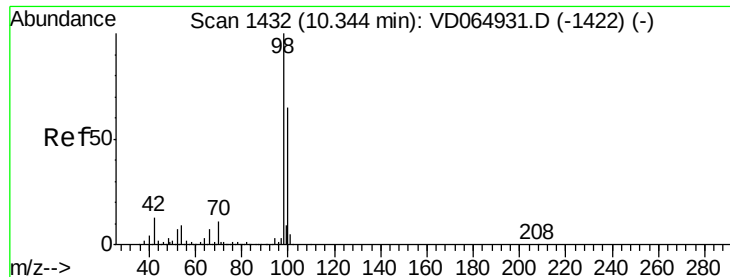
Tgt Ion: 75 Resp: 38011
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.3 52.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.98 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064994.D
 Acq: 29 Jan 2020 13:54

Tgt Ion: 117 Resp: 50067
 Ion Ratio Lower Upper
 117 100
 119 4.7 73.2 109.8#
 121 0.0 24.4 36.6#

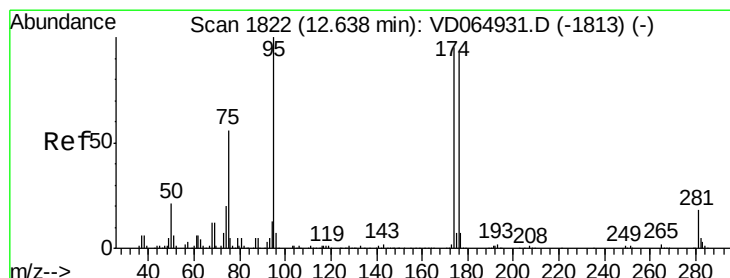
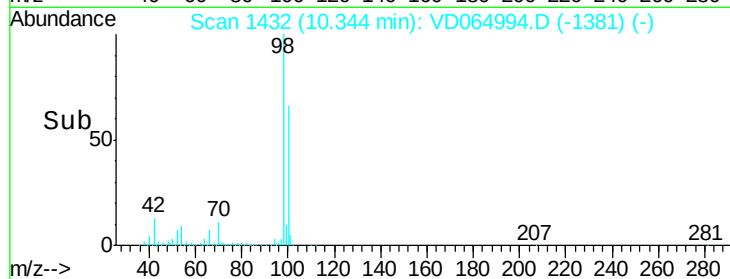
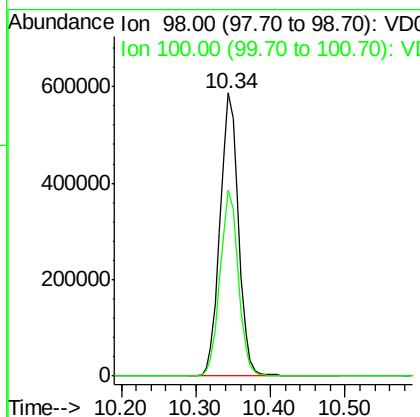
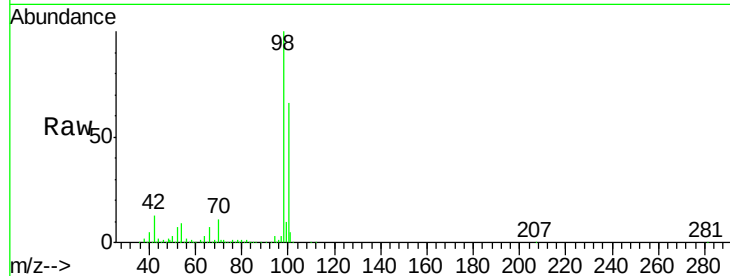




#50
Toluene-d8
Concen: 50.77 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064994.D
Acq: 29 Jan 2020 13:54

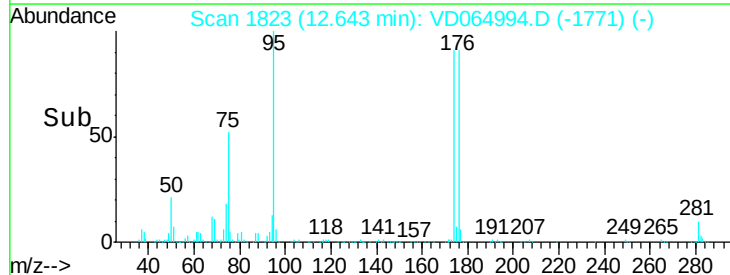
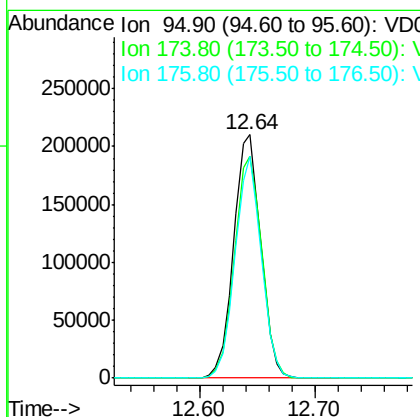
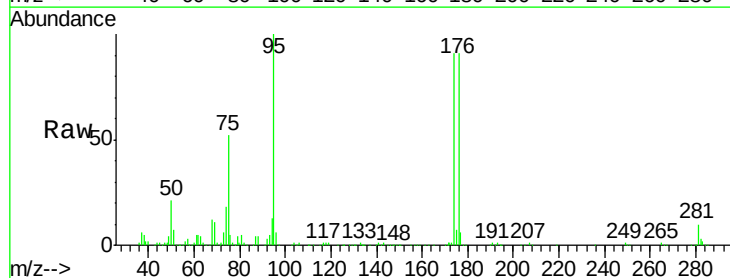
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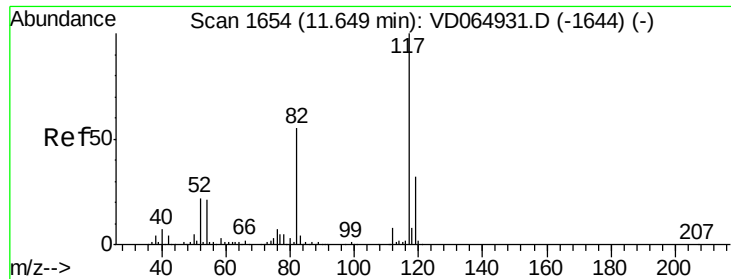
Tgt Ion: 98 Resp: 1012187
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 56.04 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064994.D
Acq: 29 Jan 2020 13:54

Tgt Ion: 95 Resp: 341857
Ion Ratio Lower Upper
95 100
174 92.2 0.0 186.8
176 88.0 0.0 183.4

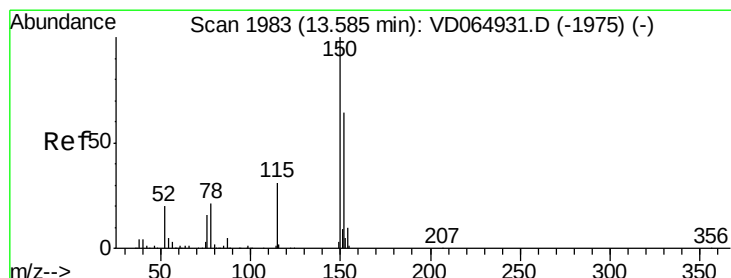
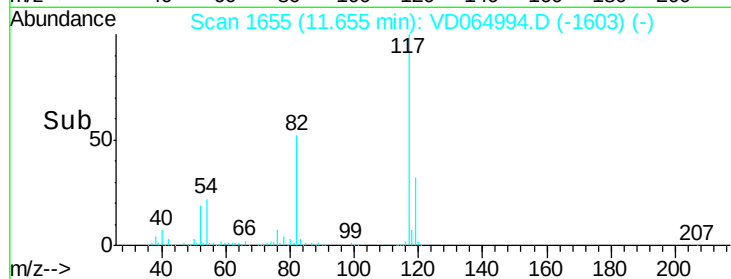
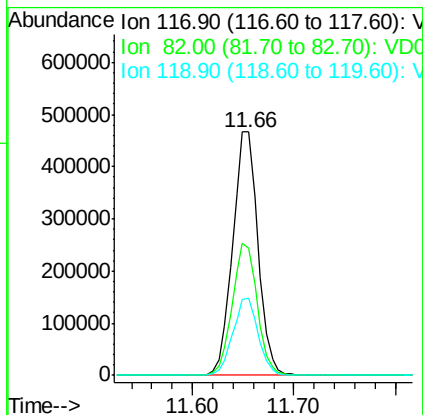
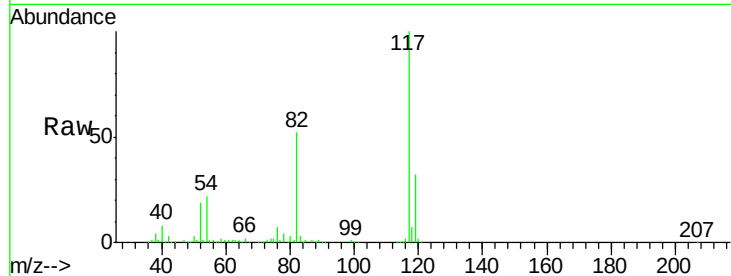




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.66 min Scan# 1655
 Delta R.T. 0.01 min
 Lab File: VD064994.D
 Acq: 29 Jan 2020 13:54

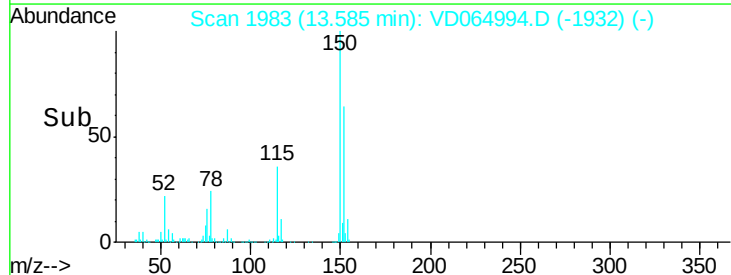
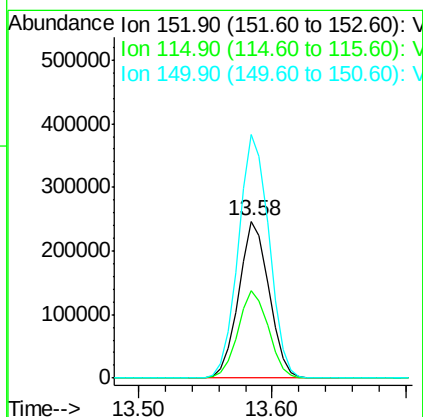
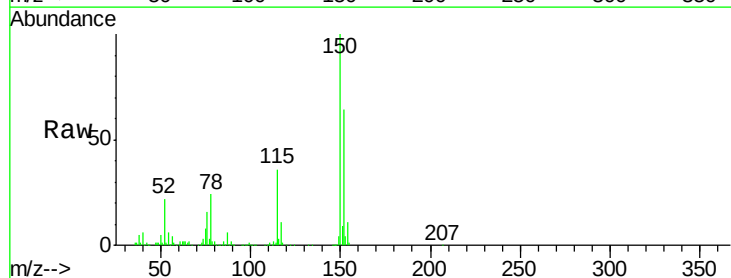
Instrument :
 MSVOA_D
 ClientSampleId :
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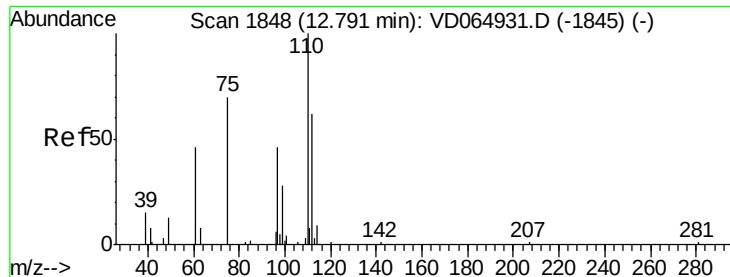
Tgt Ion:117 Resp: 806255
 Ion Ratio Lower Upper
 117 100
 82 52.0 43.6 65.4
 119 31.6 25.2 37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: VD064994.D
 Acq: 29 Jan 2020 13:54

Tgt Ion:152 Resp: 386388
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.1 84.4
 150 157.9 0.0 350.4





#76

1,2,3-Trichloropropane

Concen: 57.24 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD064994.D

Acq: 29 Jan 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

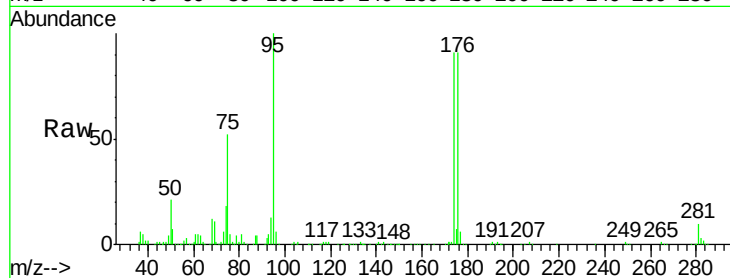
TP-26-27

Tgt Ion: 75 Resp: 183565

Ion Ratio Lower Upper

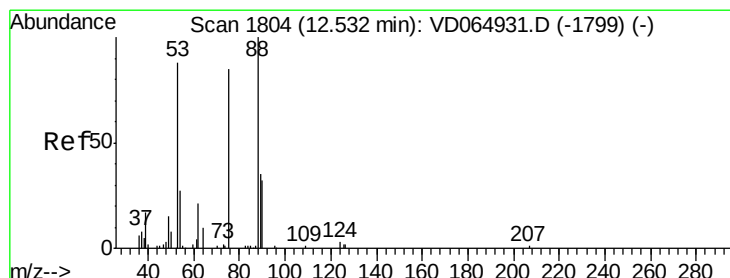
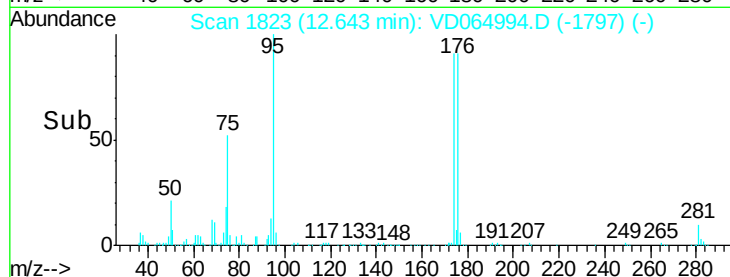
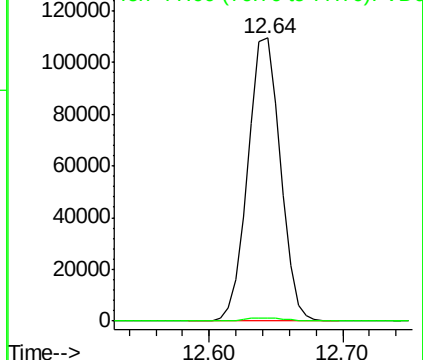
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 122.22 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD064994.D

Acq: 29 Jan 2020 13:54

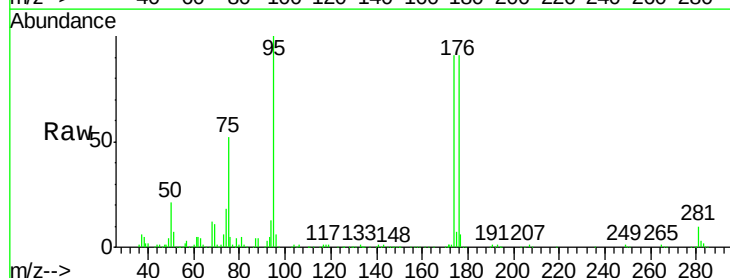
Tgt Ion: 75 Resp: 183565

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.4#

89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

