

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
 Data File : VD064871.D
 Acq On : 17 Jan 2020 19:05
 Operator : VA/SY
 Sample : L1136-11
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-9

Quant Time: Jan 17 22:54:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	374251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	626684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	583871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271864	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	192954	58.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.94%	
35) Dibromofluoromethane	7.92	113	199589	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	10.34	98	765735	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.64	95	236748	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

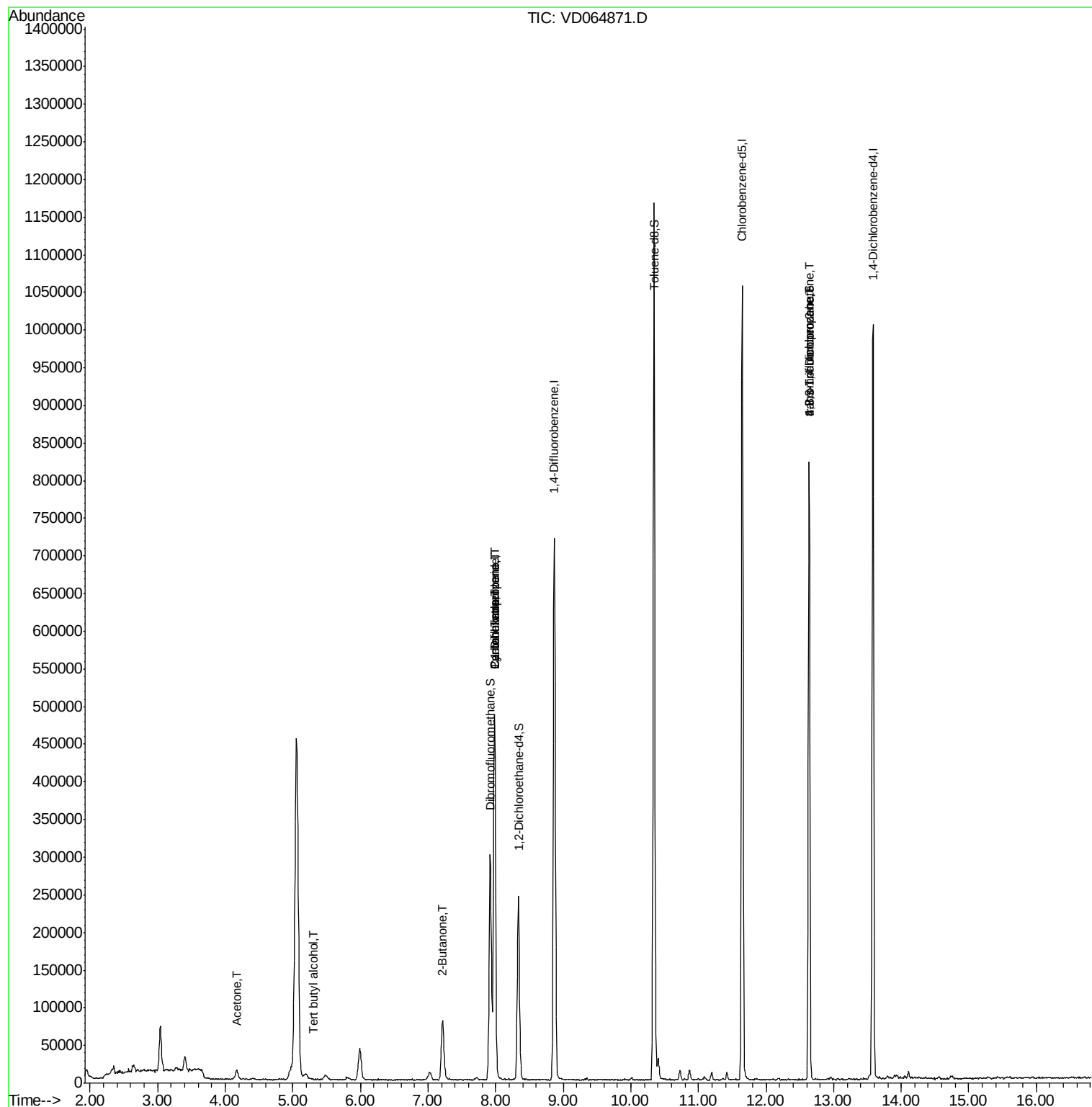
Target Compounds						Qvalue
11) Tert butyl alcohol	5.29	59	238	1.26	ug/l	# 70
16) Acetone	4.17	43	20376	30.22	ug/l	96
20) Methylene Chloride	4.97	84	9488	Below	Cal	# 82
25) 2-Butanone	7.22	43	4361	4.81	ug/l	# 82
31) Cyclohexane	7.98	56	9076	1.48	ug/l	# 54
36) 1,1-Dichloropropene	7.99	75	28149	4.67	ug/l	# 49
38) Carbon Tetrachloride	7.98	117	36509	5.68	ug/l	# 16
76) 1,2,3-Trichloropropane	12.64	75	127231	59.27	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	127231	123.95	ug/l	# 10

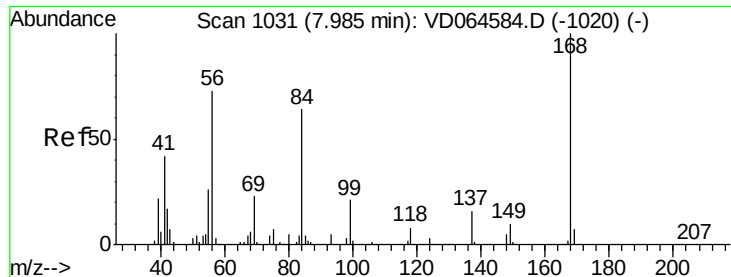
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
Data File : VD064871.D
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Misc : 5.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

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Quant Time: Jan 17 22:54:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

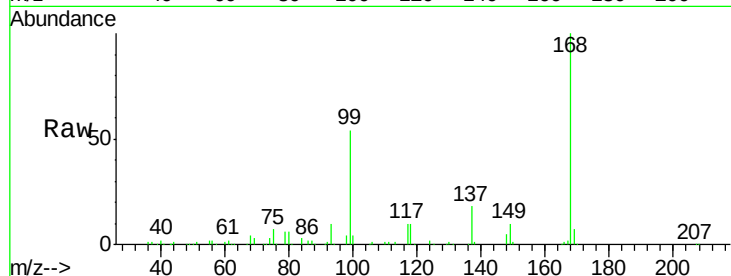
EP-9

Tgt Ion:168 Resp: 374251

Ion Ratio Lower Upper

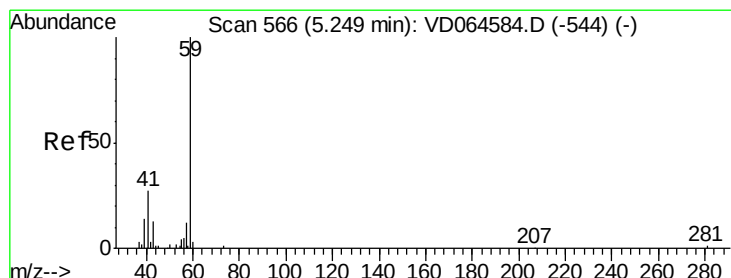
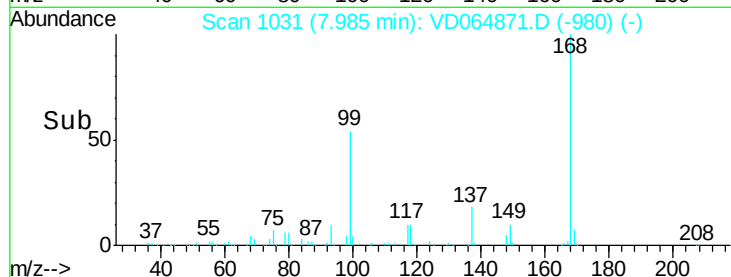
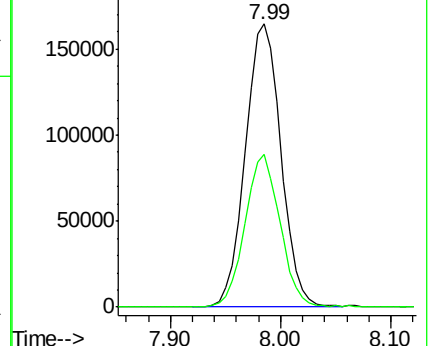
168 100

99 54.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 1.26 ug/l

RT: 5.29 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD064871.D

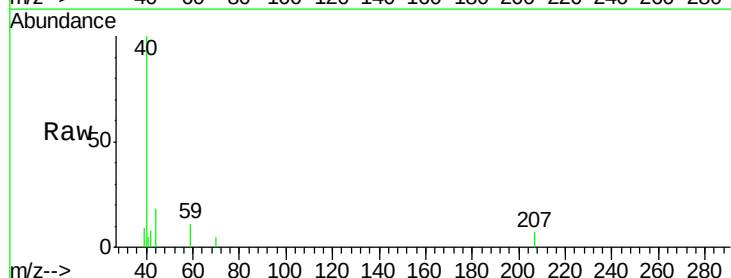
Acq: 17 Jan 2020 19:05

Tgt Ion: 59 Resp: 238

Ion Ratio Lower Upper

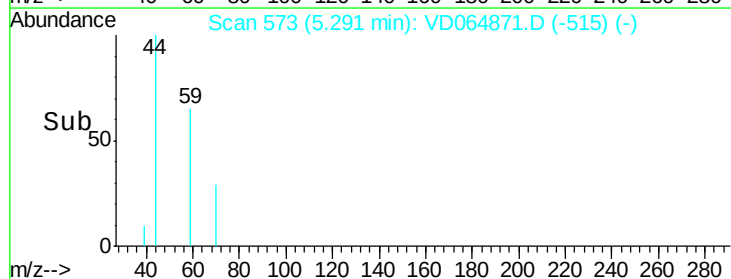
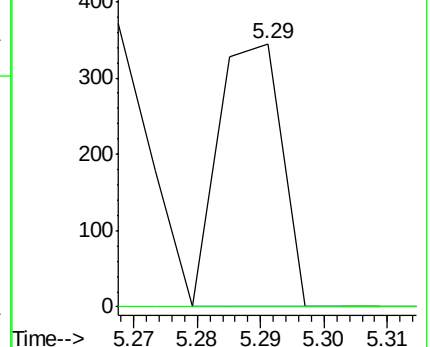
59 100

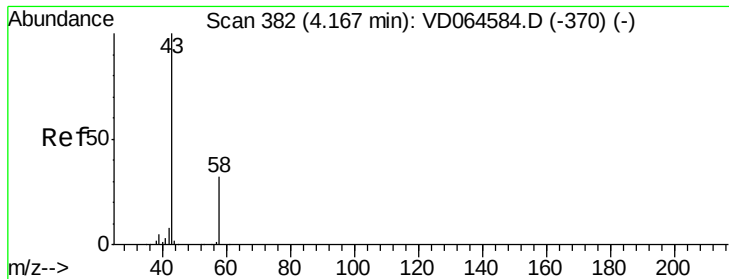
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 30.22 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

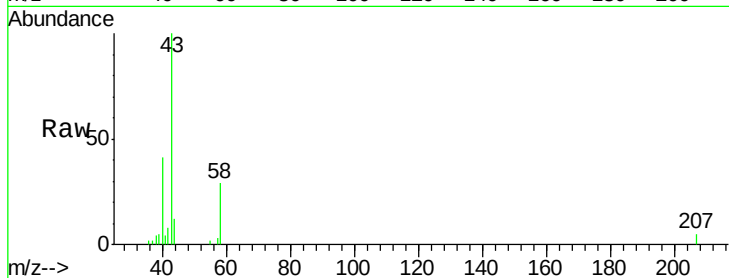
EP-9

Tgt Ion: 43 Resp: 20376

Ion Ratio Lower Upper

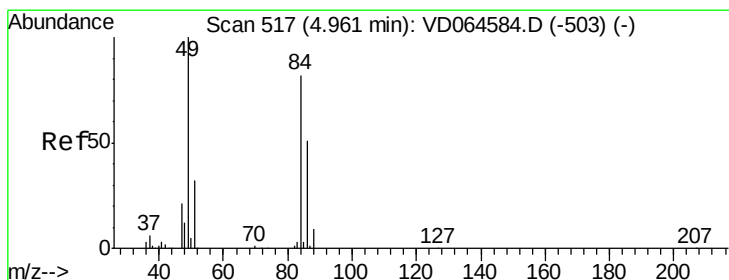
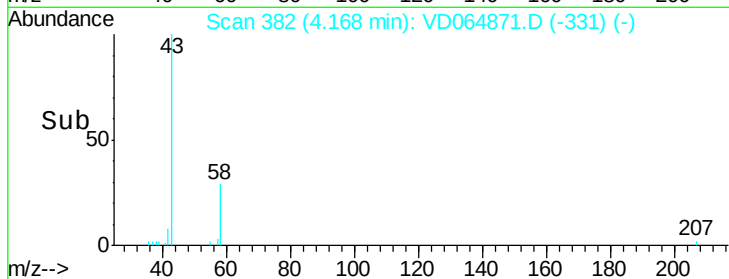
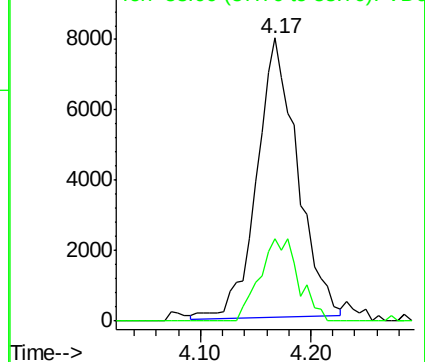
43 100

58 29.7 25.8 38.6



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: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

Tgt Ion: 84 Resp: 9488

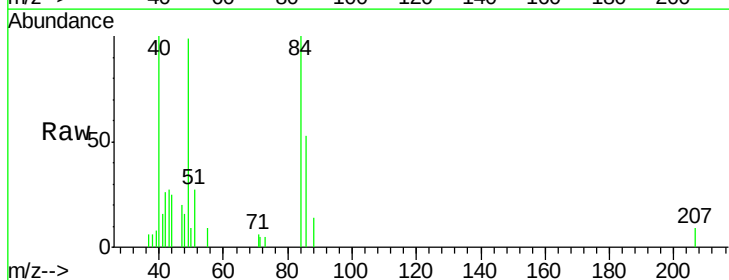
Ion Ratio Lower Upper

84 100

49 99.2 97.2 145.8

51 26.8 31.4 47.0#

86 52.6 49.3 73.9

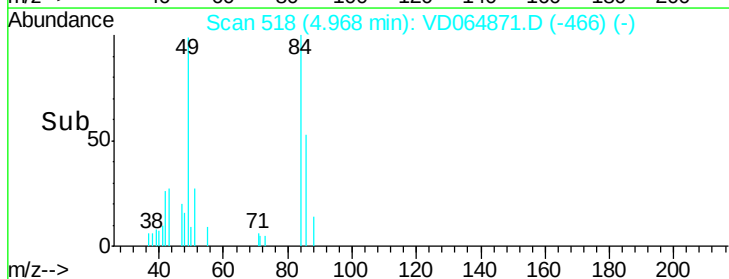
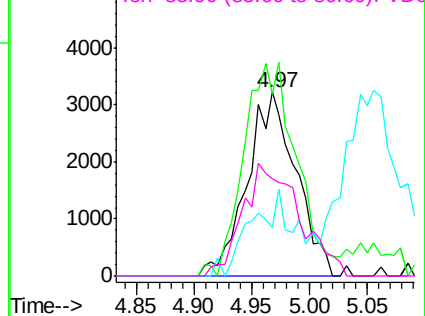


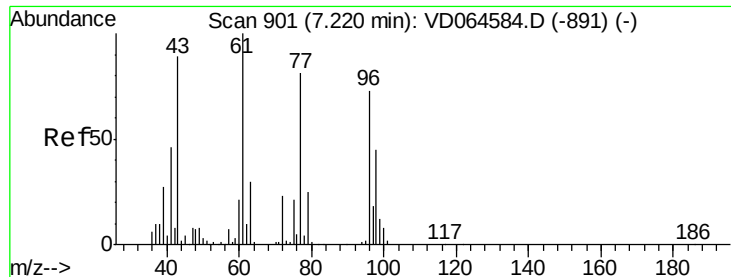
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

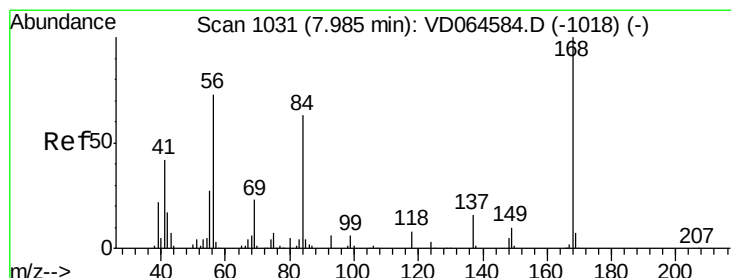
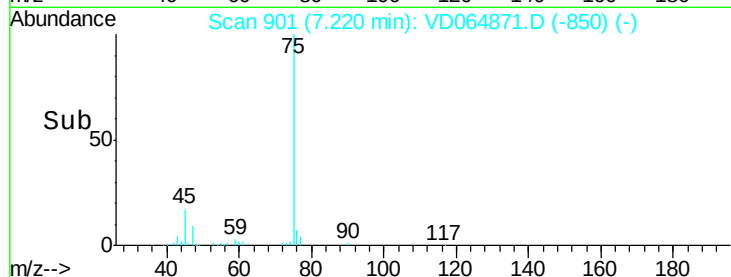
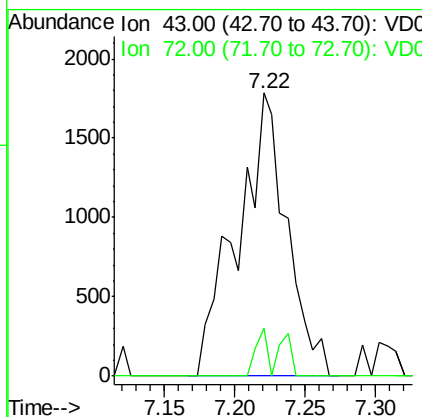
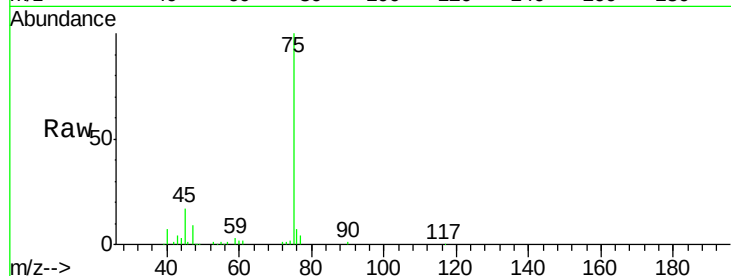




#25
2-Butanone
Concen: 4.81 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064871.D
Acq: 17 Jan 2020 19:05

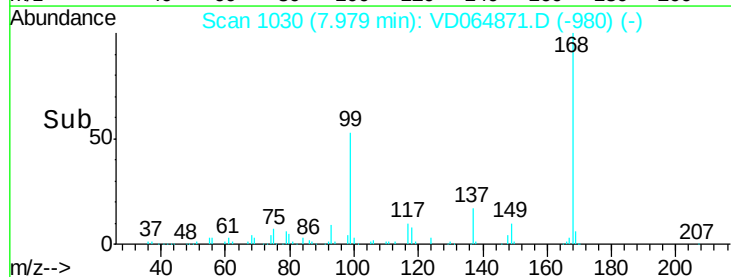
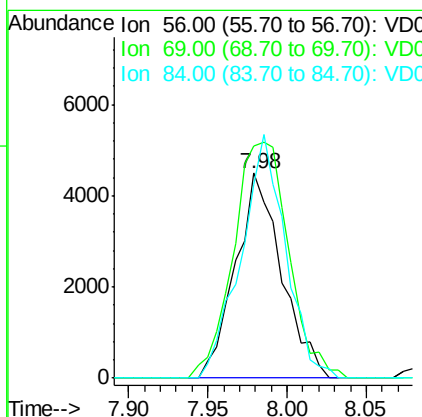
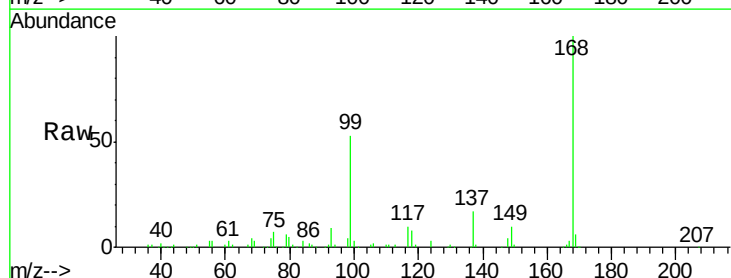
Instrument :
MSVOA_D
ClientSampleId :
EP-9

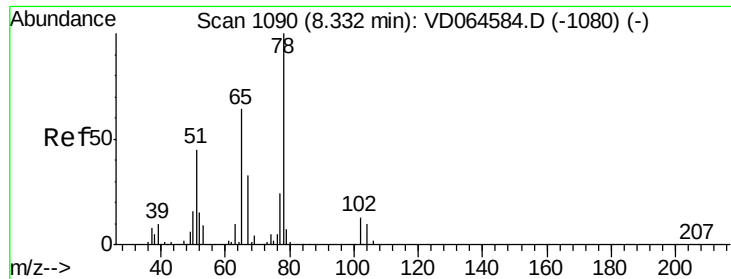
Tgt Ion: 43 Resp: 4361
Ion Ratio Lower Upper
43 100
72 17.0 20.7 31.1#



#31
Cyclohexane
Concen: 1.48 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064871.D
Acq: 17 Jan 2020 19:05

Tgt Ion: 56 Resp: 9076
Ion Ratio Lower Upper
56 100
69 113.5 24.7 37.1#
84 94.4 69.4 104.2

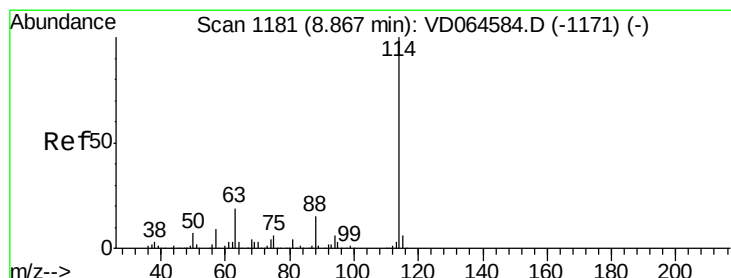
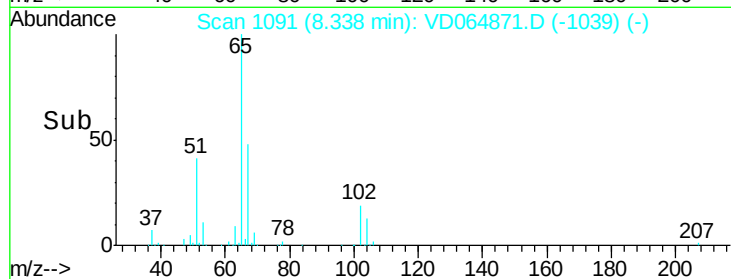
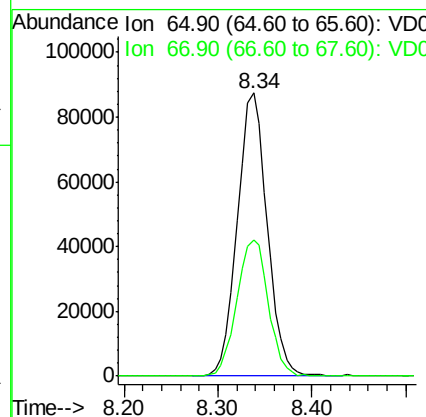
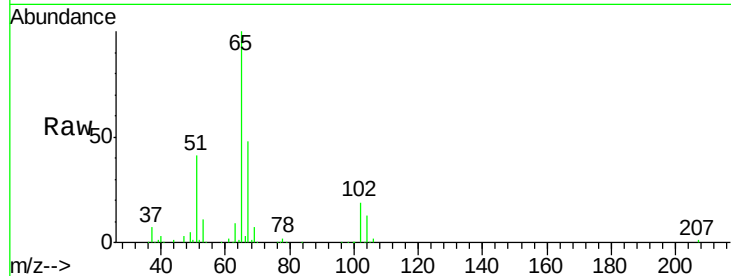




#33
 1,2-Dichloroethane-d4
 Concen: 58.47 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064871.D
 Acq: 17 Jan 2020 19:05

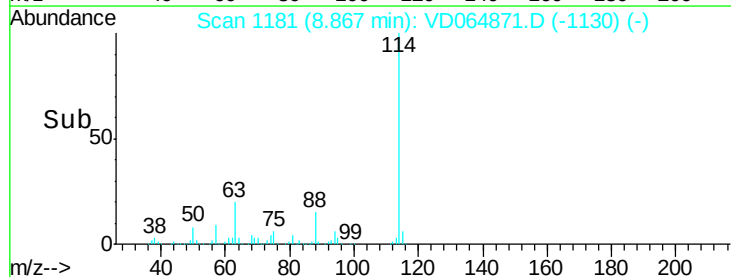
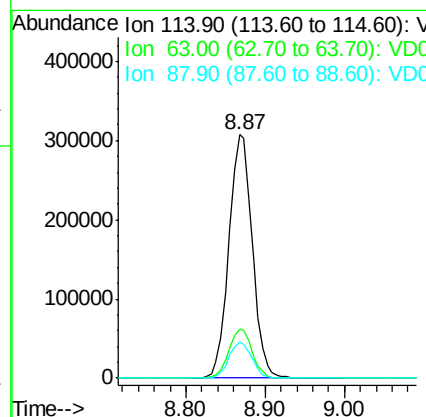
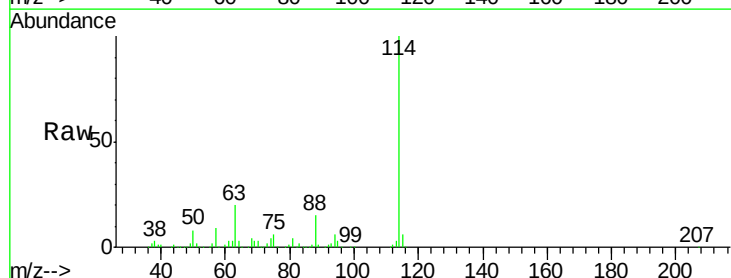
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-9

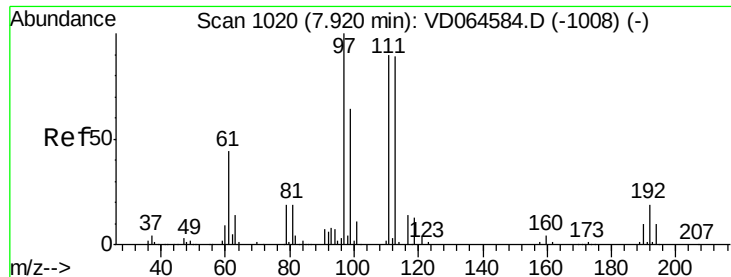
Tgt Ion: 65 Resp: 192954
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064871.D
 Acq: 17 Jan 2020 19:05

Tgt Ion: 114 Resp: 626684
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.8 0.0 29.2

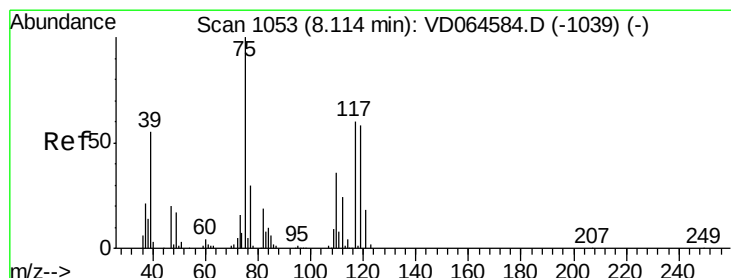
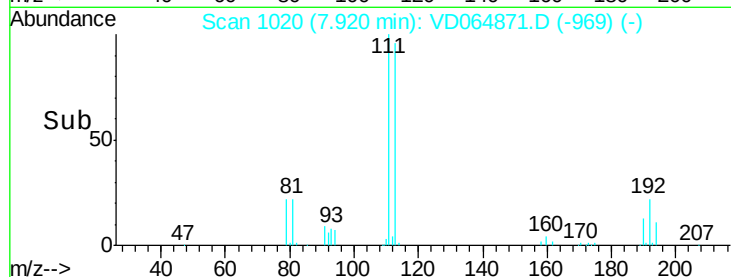
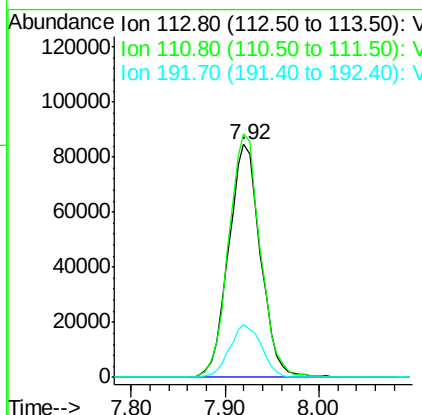
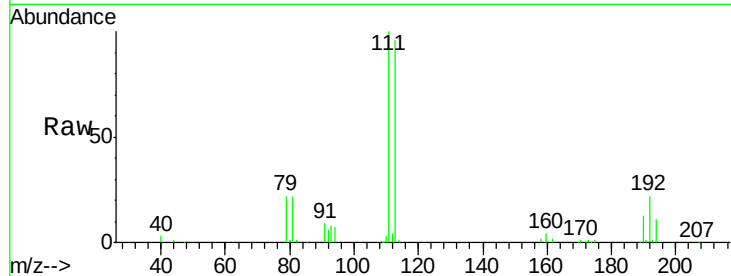




#35
 Dibromofluoromethane
 Concen: 51.91 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064871.D
 Acq: 17 Jan 2020 19:05

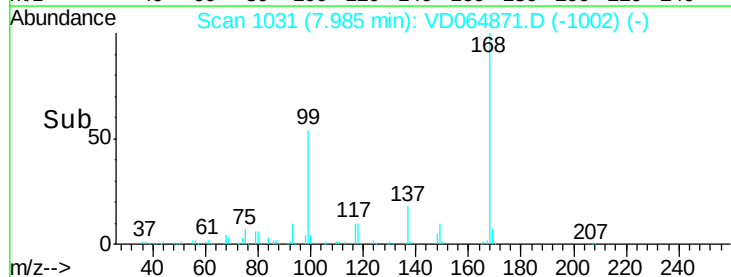
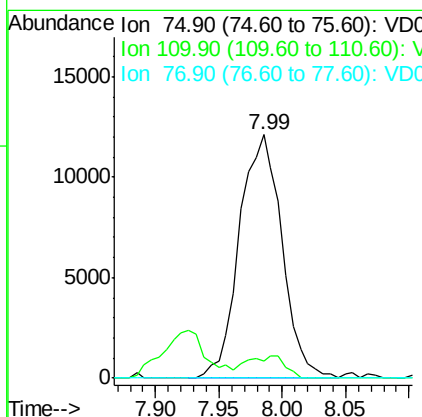
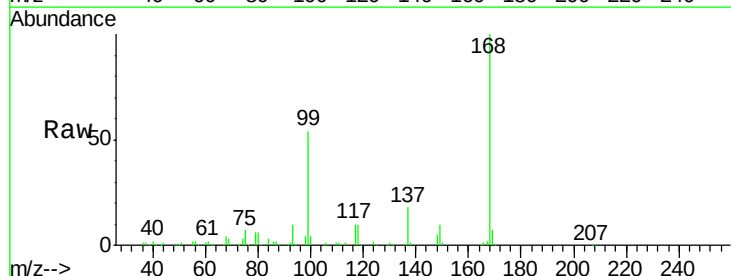
Instrument :
 MSVOA_D
 ClientSampled :
 EP-9

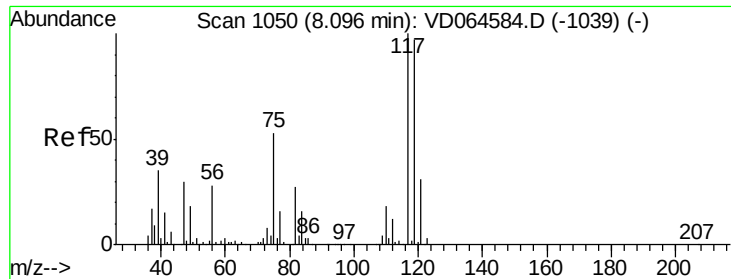
Tgt Ion:113 Resp: 199589
 Ion Ratio Lower Upper
 113 100
 111 103.8 80.6 121.0
 192 22.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 4.67 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064871.D
 Acq: 17 Jan 2020 19:05

Tgt Ion: 75 Resp: 28149
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.1#
 77 0.0 24.2 36.4#

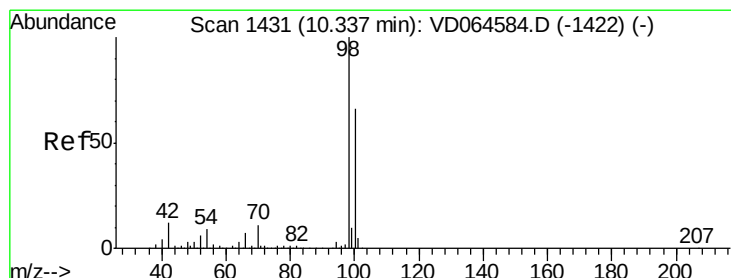
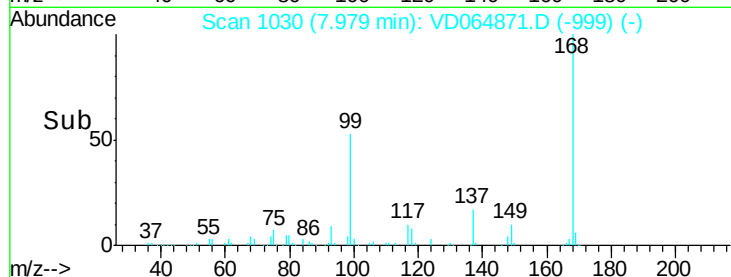
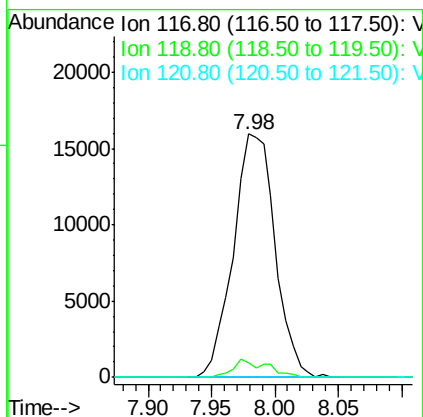
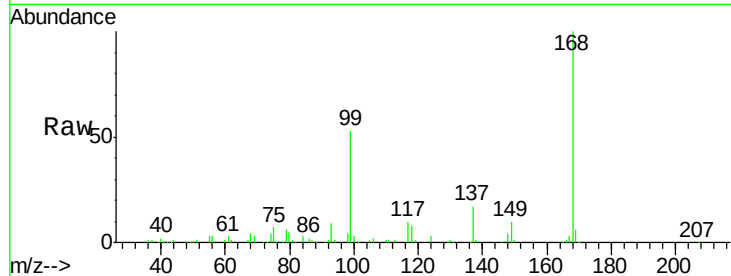




#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064871.D
Acq: 17 Jan 2020 19:05

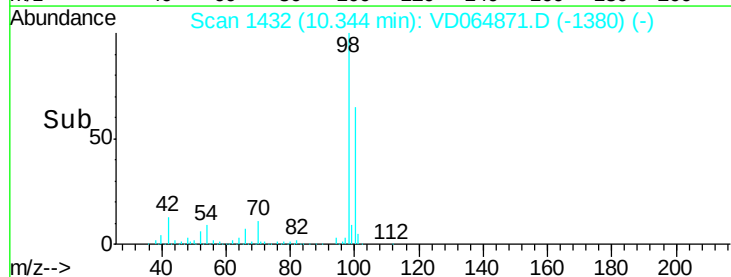
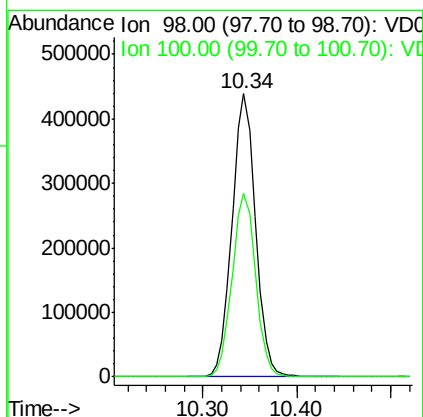
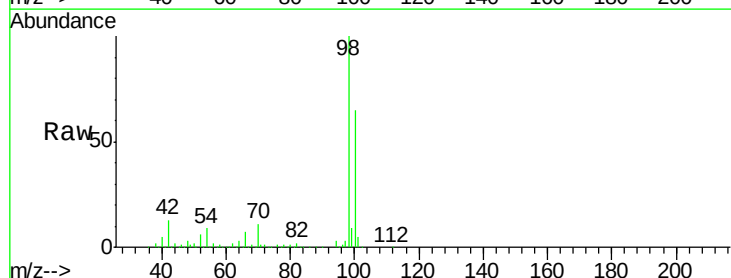
Instrument :
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ClientSampleId :
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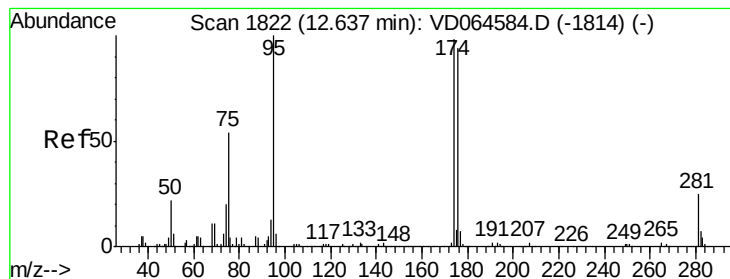
Tgt Ion: 117 Resp: 36509
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064871.D
Acq: 17 Jan 2020 19:05

Tgt Ion: 98 Resp: 765735
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 50.84 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

EP-9

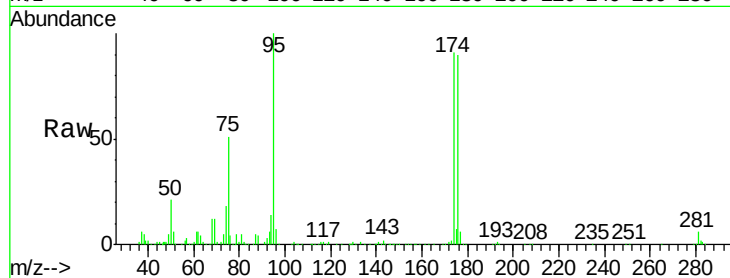
Tgt Ion: 95 Resp: 236748

Ion Ratio Lower Upper

95 100

174 93.0 0.0 193.2

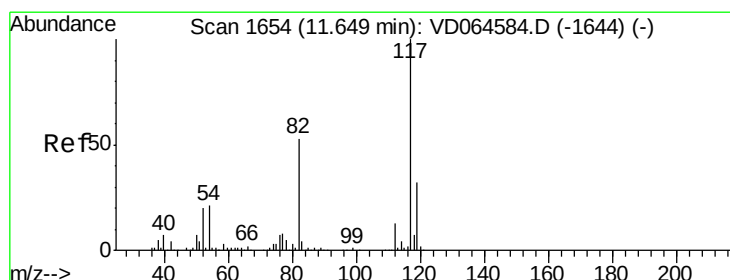
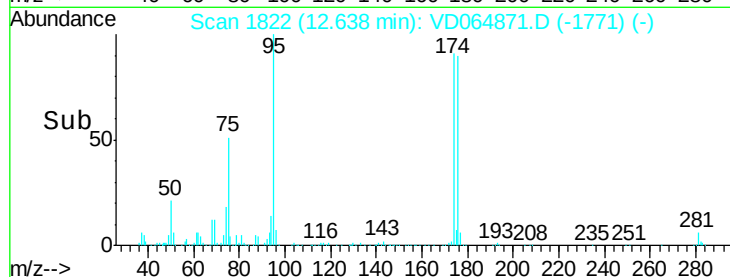
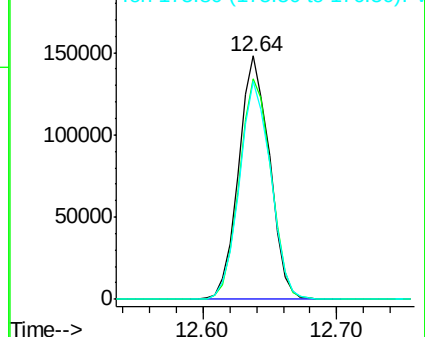
176 90.9 0.0 184.2



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: 50.00 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

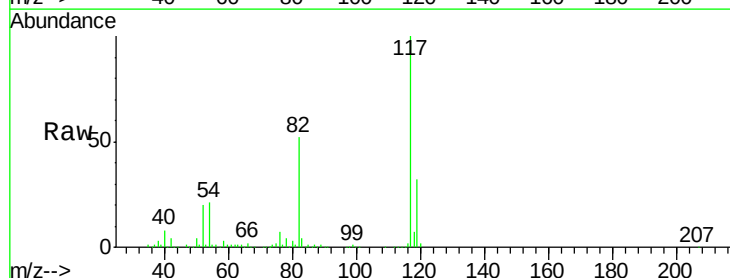
Tgt Ion: 117 Resp: 583871

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.4

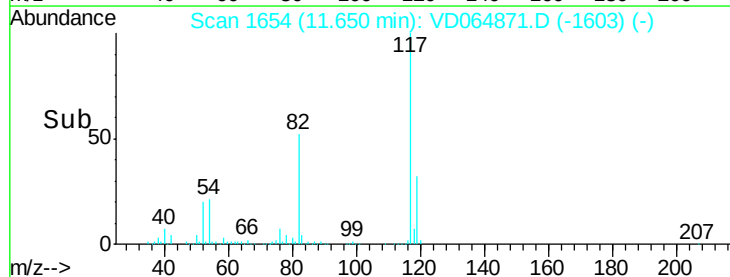
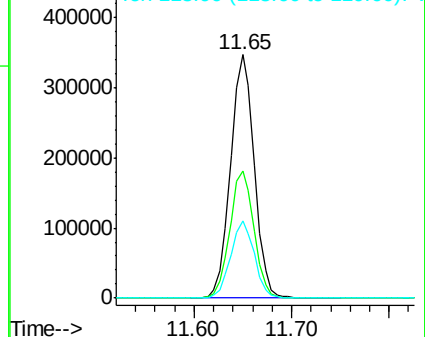
119 31.8 26.0 39.0

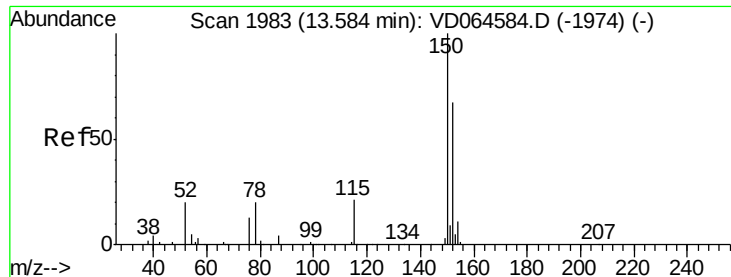


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

EP-9

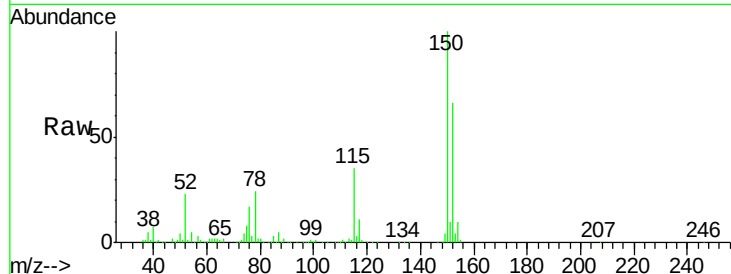
Tgt Ion: 152 Resp: 271864

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

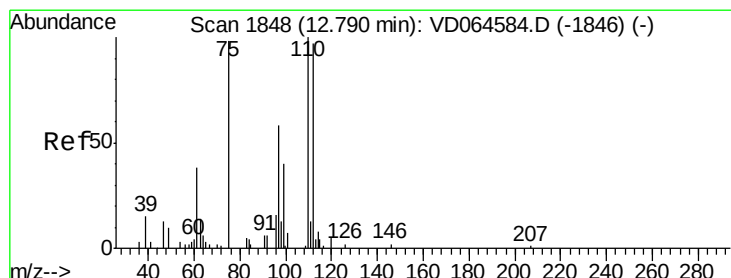
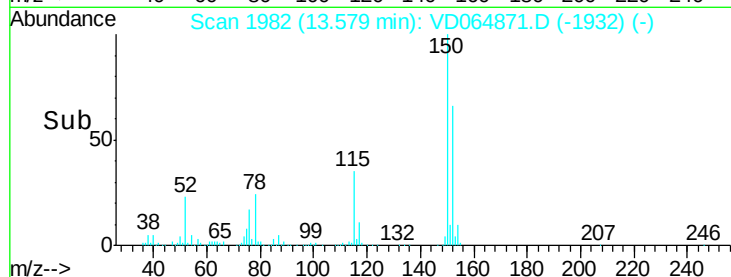
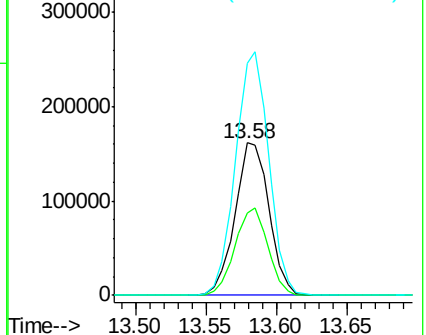
150 156.6 0.0 351.4



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: 59.27 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064871.D

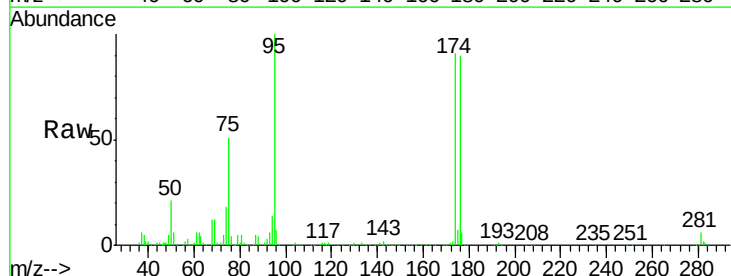
Acq: 17 Jan 2020 19:05

Tgt Ion: 75 Resp: 127231

Ion Ratio Lower Upper

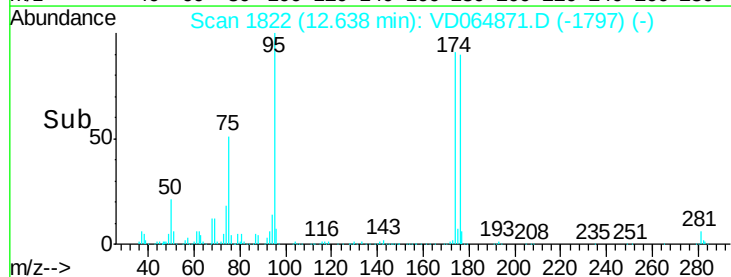
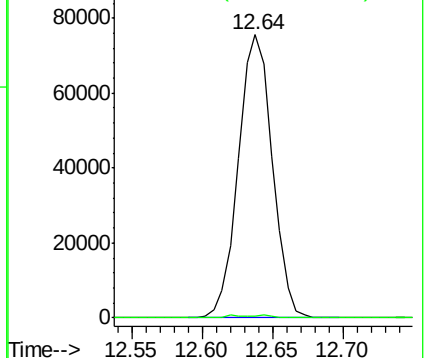
75 100

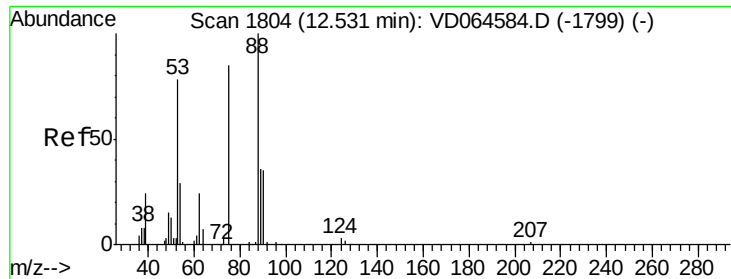
77 0.6 0.0 0.0#



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: 123.95 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064871.D

Acq: 17 Jan 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

EP-9

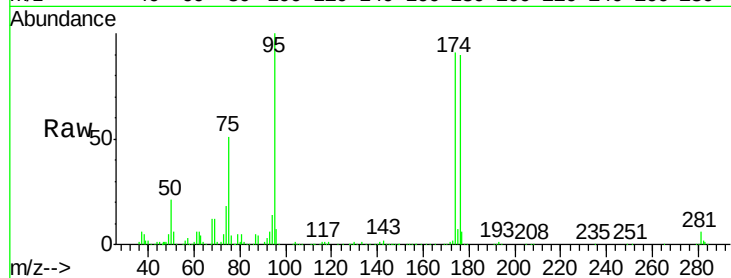
Tgt Ion: 75 Resp: 127231

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.1 38.3 57.5#



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

