

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012720\
 Data File : VD064964.D
 Acq On : 27 Jan 2020 15:28
 Operator : VA/SY
 Sample : L1258-02
 Misc : 5.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Jan 27 16:14:58 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	524819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	844598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	782289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353364	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	242381	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	7.92	113	255280	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.34	98	1012507	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.64	95	319573	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	

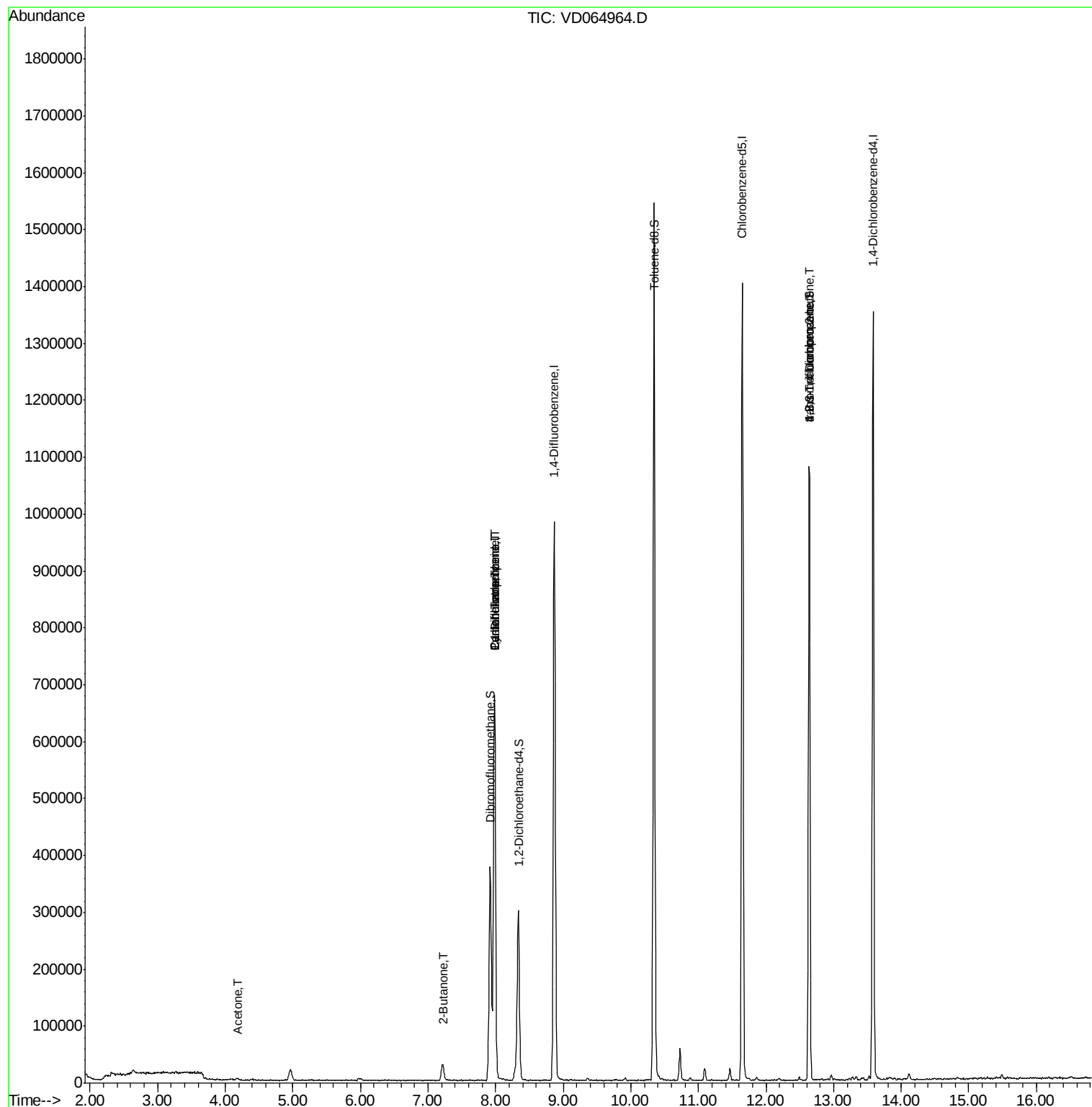
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	4652	16.94	ug/l	100
20) Methylene Chloride	4.97	84	12561	Below Cal	#	88
25) 2-Butanone	7.24	43	2940	2.16	ug/l	96
31) Cyclohexane	7.98	56	12131	1.38	ug/l	# 21
36) 1,1-Dichloropropene	7.98	75	38272	4.70	ug/l	# 51
38) Carbon Tetrachloride	7.98	117	51237	5.95	ug/l	# 20
76) 1,2,3-Trichloropropane	12.64	75	172112	58.68	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	172112	125.30	ug/l	# 9

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD012720\
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Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-1A

Quant Time: Jan 27 16:14:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
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: VD064964.D

Acq: 27 Jan 2020 15:28

Instrument :

MSVOA_D

ClientSampleId :

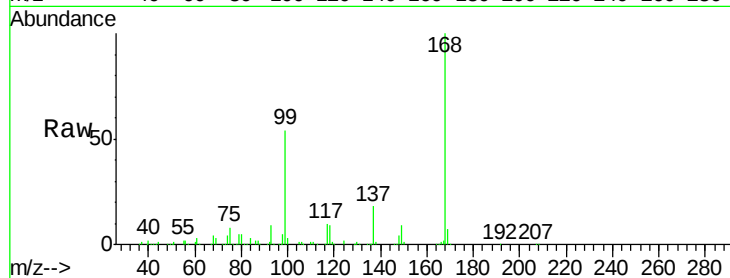
SP-1A

Tgt Ion:168 Resp: 524819

Ion Ratio Lower Upper

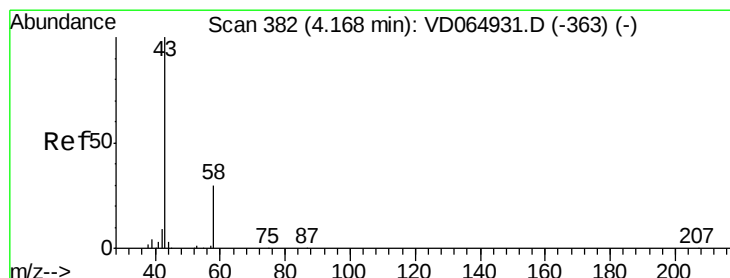
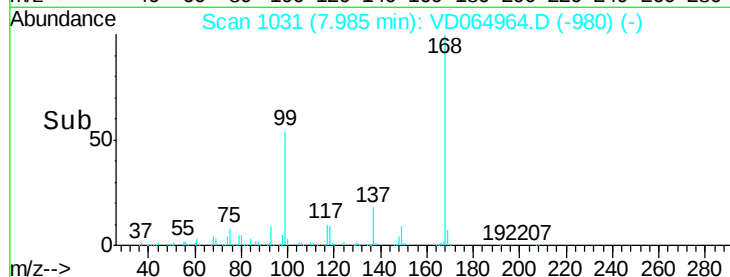
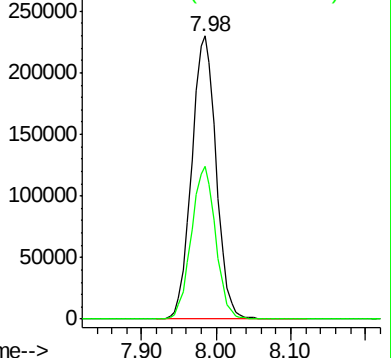
168 100

99 53.7 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: 16.94 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064964.D

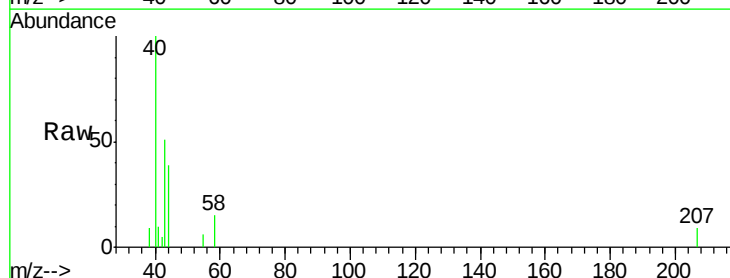
Acq: 27 Jan 2020 15:28

Tgt Ion: 43 Resp: 4652

Ion Ratio Lower Upper

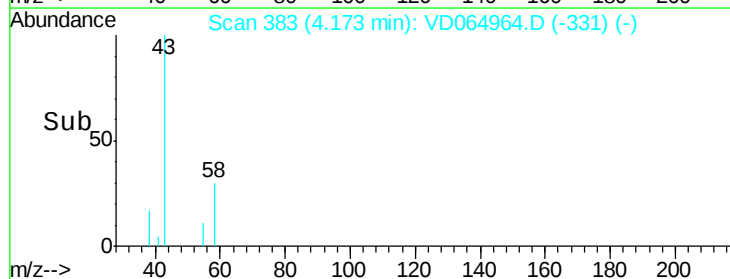
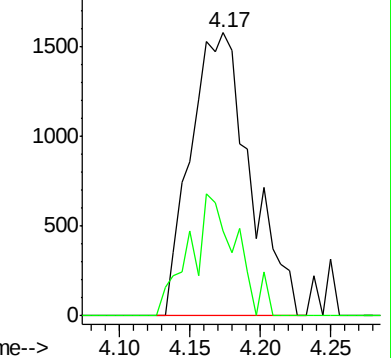
43 100

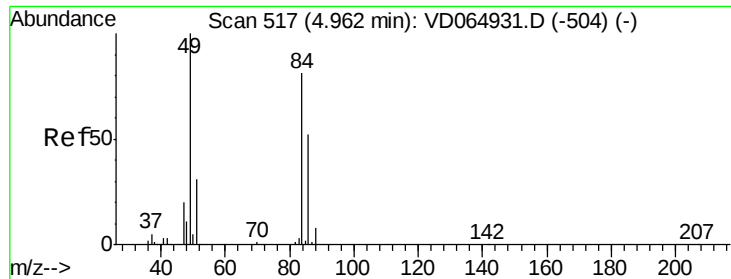
58 29.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

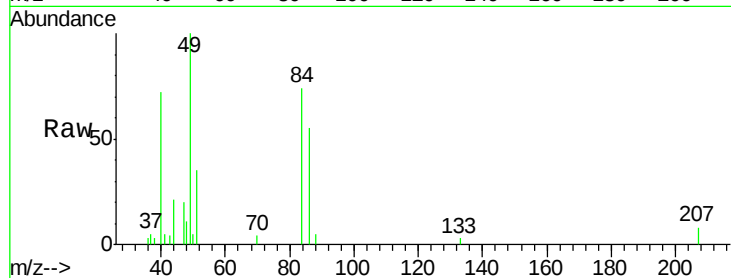




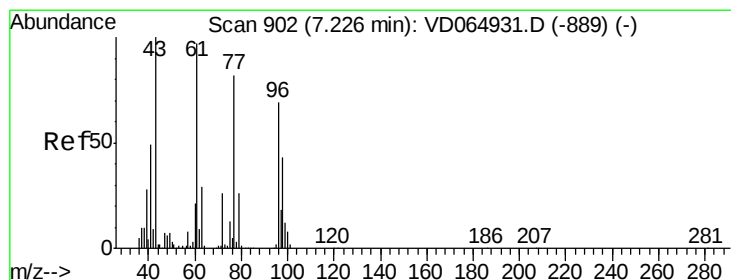
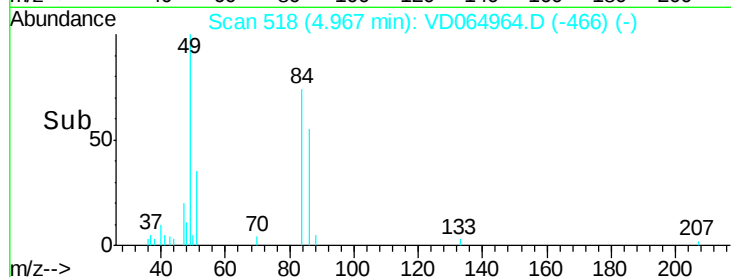
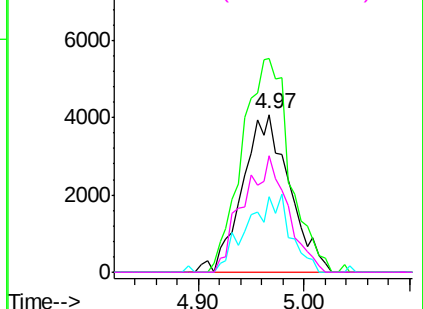
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064964.D
Acq: 27 Jan 2020 15:28

Instrument :
MSVOA_D
ClientSampled :
SP-1A

Tgt Ion: 84 Resp: 12561
Ion Ratio Lower Upper
84 100
49 135.4 98.4 147.6
51 48.0 30.8 46.2#
86 73.9 51.0 76.6

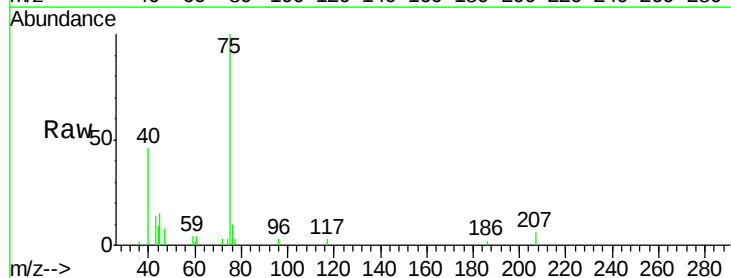


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

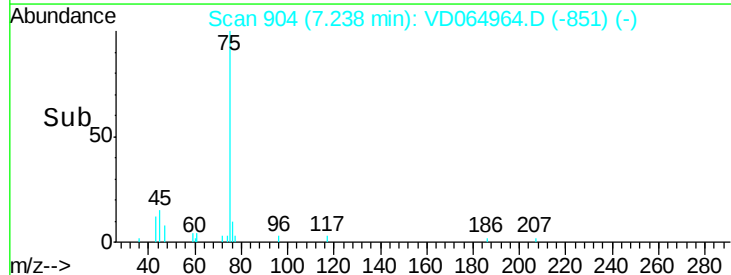
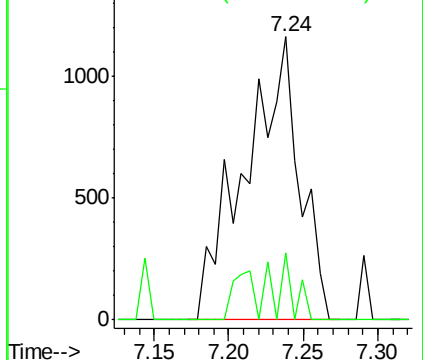


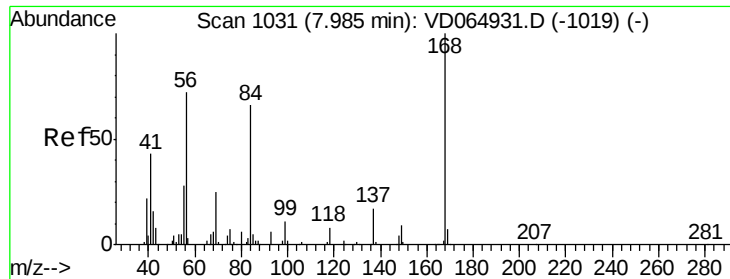
#25
2-Butanone
Concen: 2.16 ug/l
RT: 7.24 min Scan# 904
Delta R.T. 0.01 min
Lab File: VD064964.D
Acq: 27 Jan 2020 15:28

Tgt Ion: 43 Resp: 2940
Ion Ratio Lower Upper
43 100
72 23.6 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

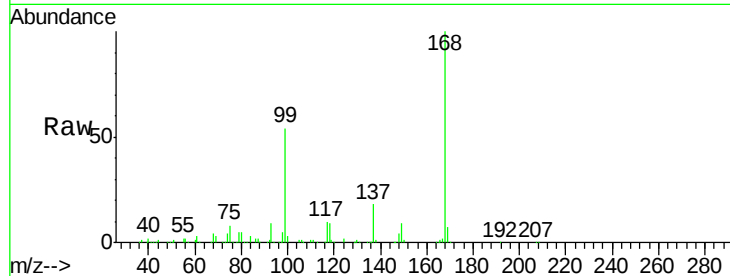




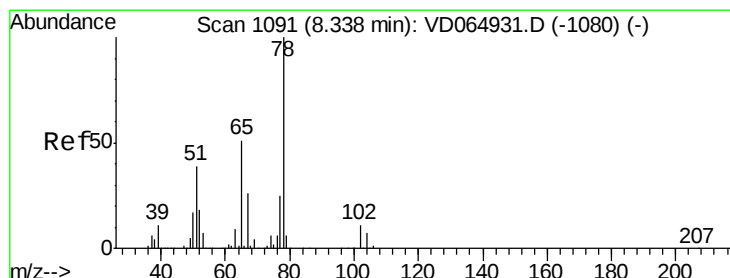
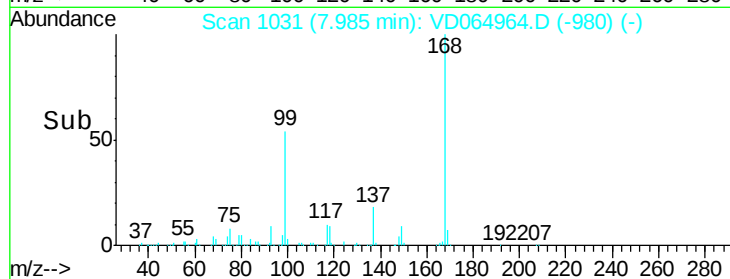
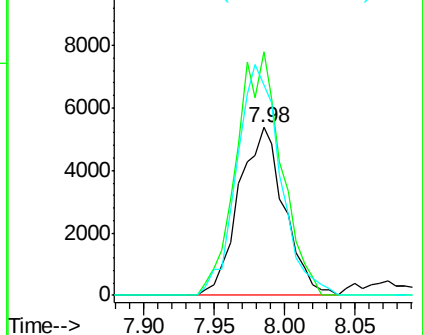
#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064964.D
Acq: 27 Jan 2020 15:28

Instrument :
MSVOA_D
ClientSampled :
SP-1A

Tgt Ion: 56 Resp: 12131
Ion Ratio Lower Upper
56 100
69 145.1 27.9 41.9#
84 125.4 72.8 109.2#

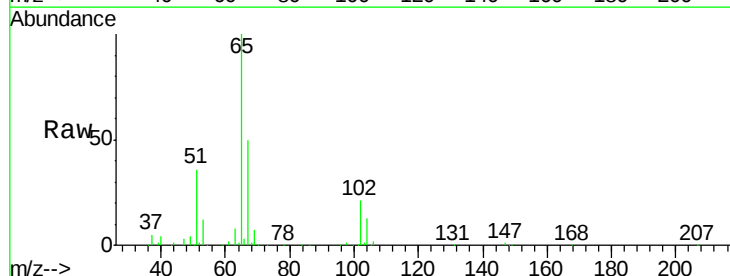


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

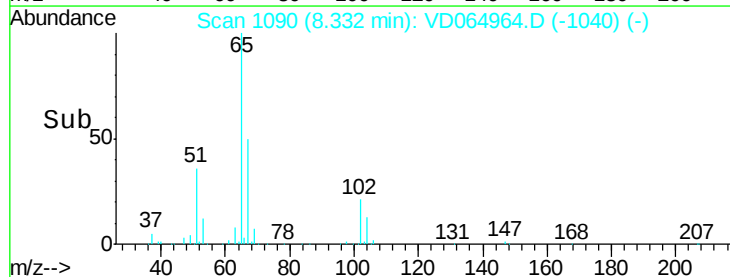
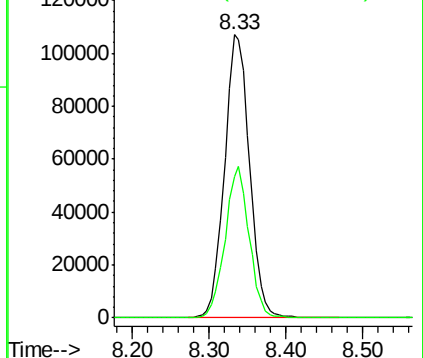


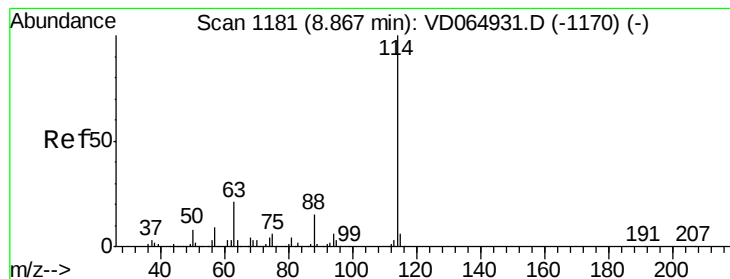
#33
1,2-Dichloroethane-d4
Concen: 48.15 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064964.D
Acq: 27 Jan 2020 15:28

Tgt Ion: 65 Resp: 242381
Ion Ratio Lower Upper
65 100
67 51.4 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# 1181

Delta R.T. -0.00 min

Lab File: VD064964.D

Acq: 27 Jan 2020 15:28

Instrument :

MSVOA_D

ClientSampleId :

SP-1A

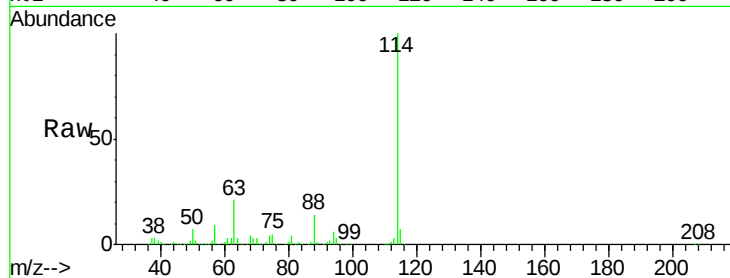
Tgt Ion:114 Resp: 844598

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

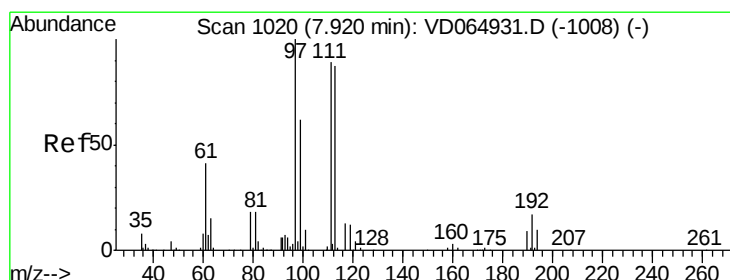
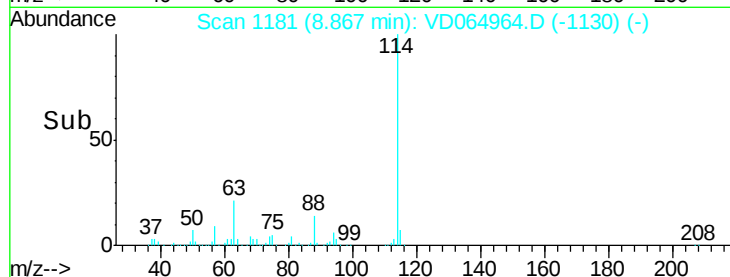
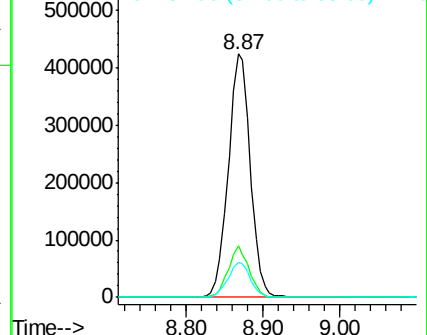
88 14.2 0.0 29.4



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: 48.10 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064964.D

Acq: 27 Jan 2020 15:28

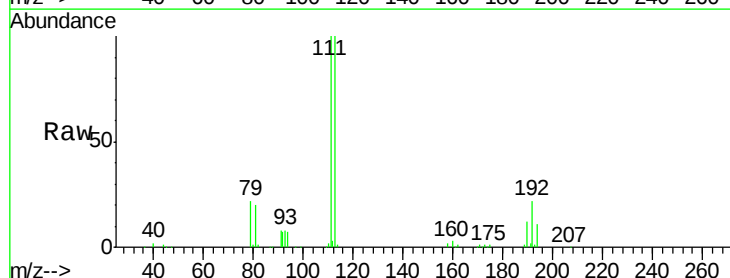
Tgt Ion:113 Resp: 255280

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

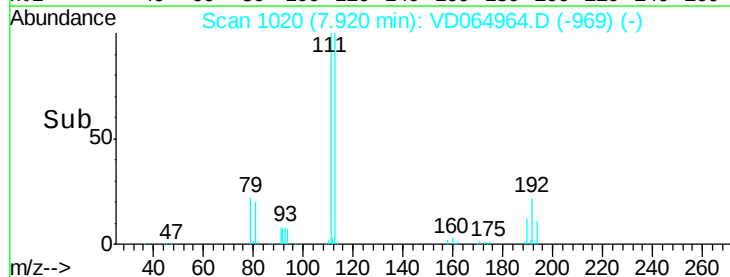
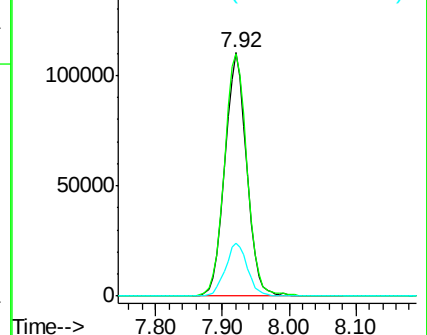
192 21.9 16.9 25.3

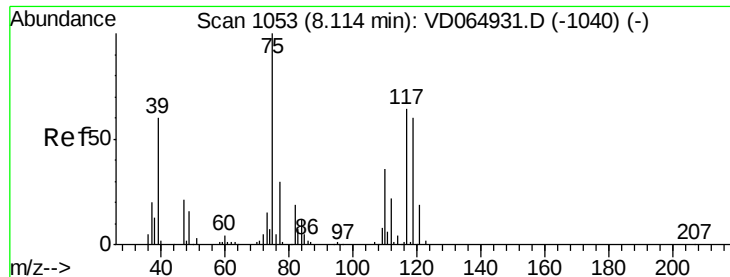


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

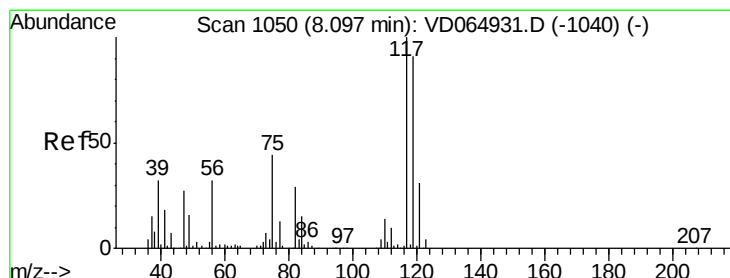
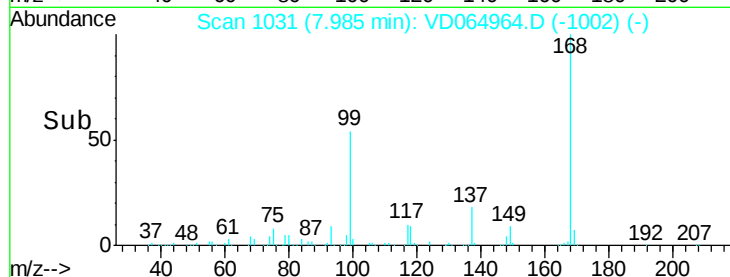
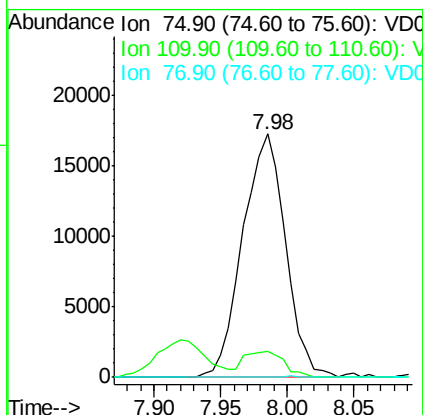
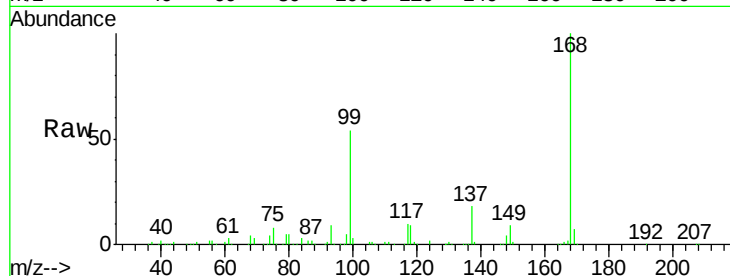




#36
 1,1-Dichloropropene
 Concen: 4.70 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064964.D
 Acq: 27 Jan 2020 15:28

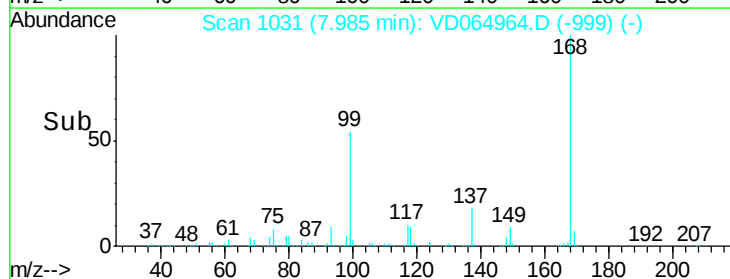
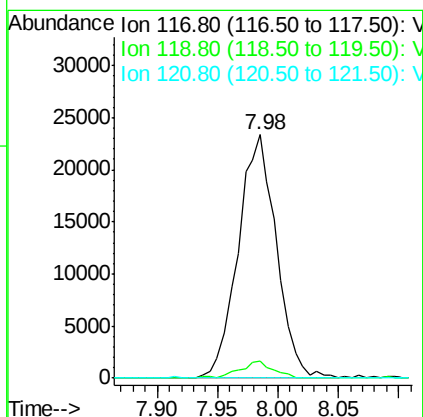
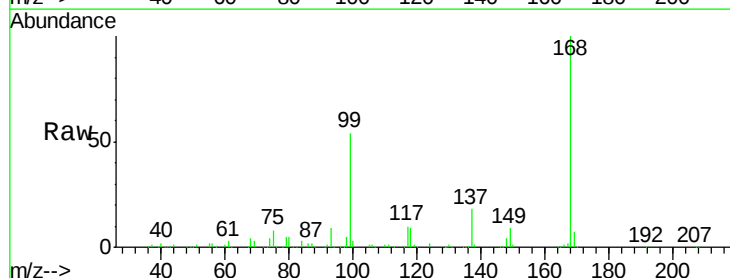
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

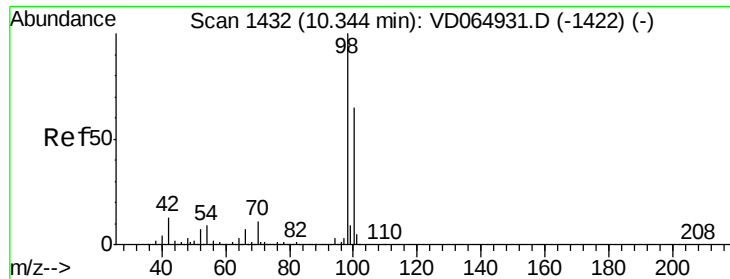
Tgt Ion: 75 Resp: 38272
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.3 52.0#
 77 0.1 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.95 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064964.D
 Acq: 27 Jan 2020 15:28

Tgt Ion: 117 Resp: 51237
 Ion Ratio Lower Upper
 117 100
 119 7.2 73.2 109.8#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.43 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064964.D

Acq: 27 Jan 2020 15:28

Instrument :

MSVOA_D

ClientSampleId :

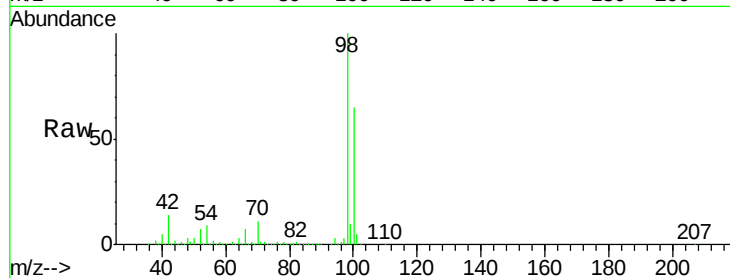
SP-1A

Tgt Ion: 98 Resp: 1012507

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

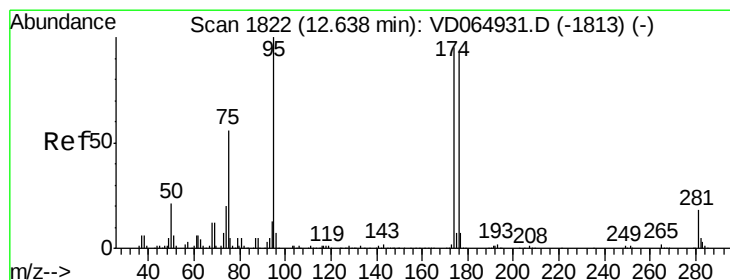
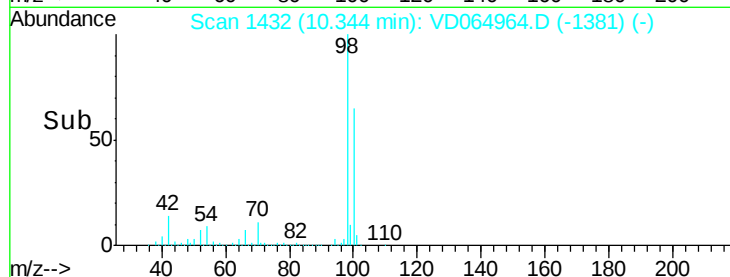
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.98 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064964.D

Acq: 27 Jan 2020 15:28

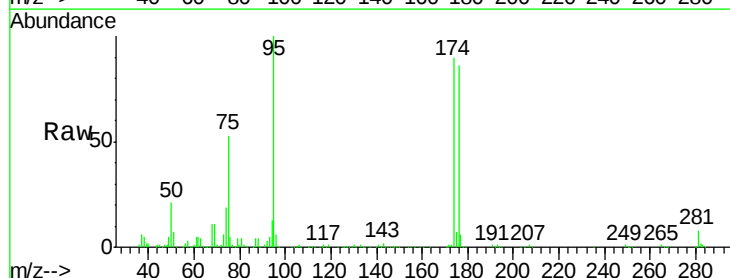
Tgt Ion: 95 Resp: 319573

Ion Ratio Lower Upper

95 100

174 92.7 0.0 186.8

176 90.6 0.0 183.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

250000

200000

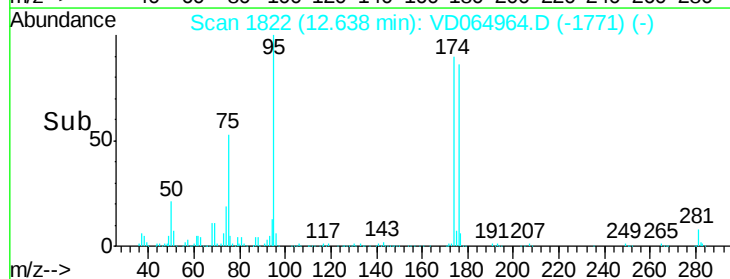
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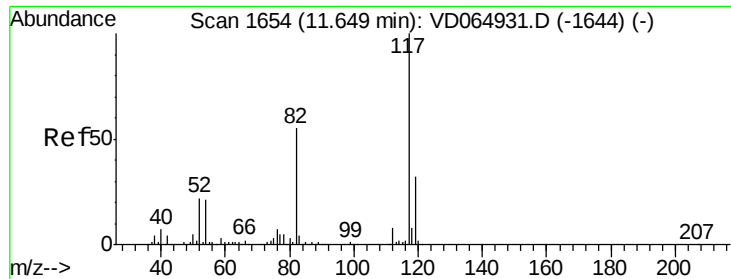
100000

50000

0

Time-->

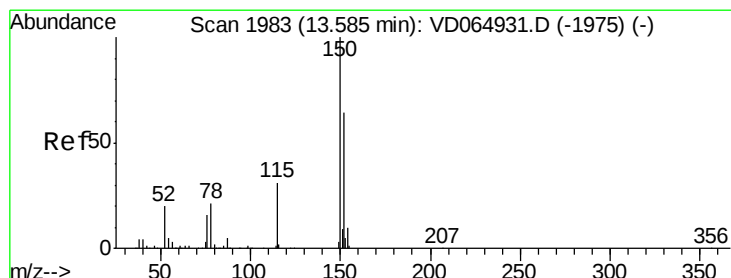
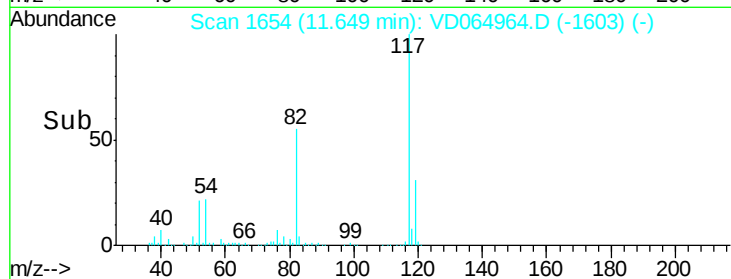
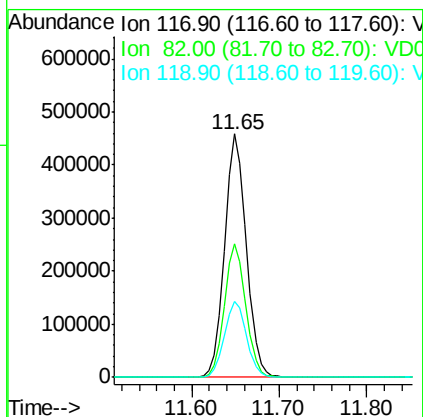
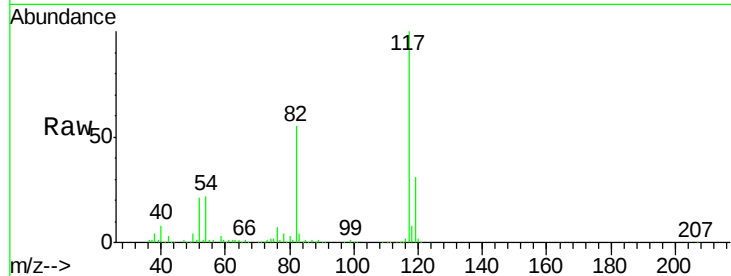




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064964.D
Acq: 27 Jan 2020 15:28

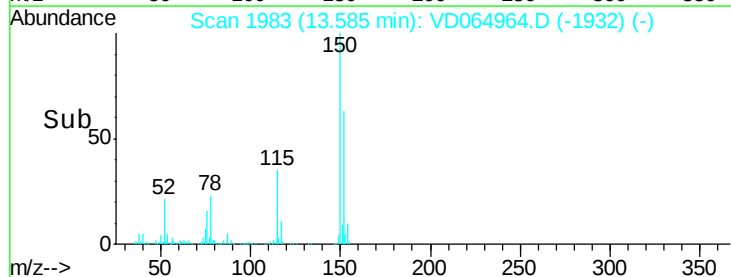
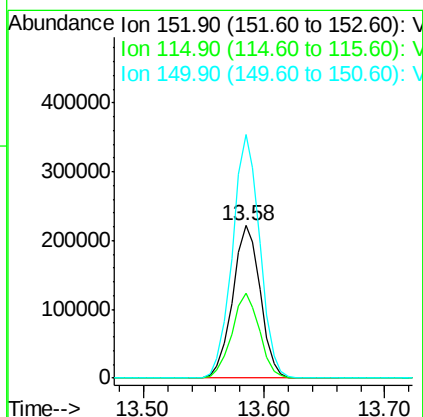
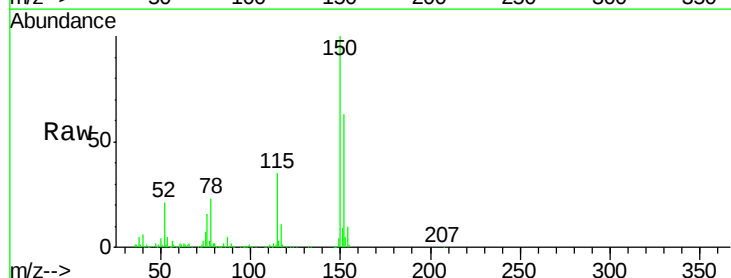
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

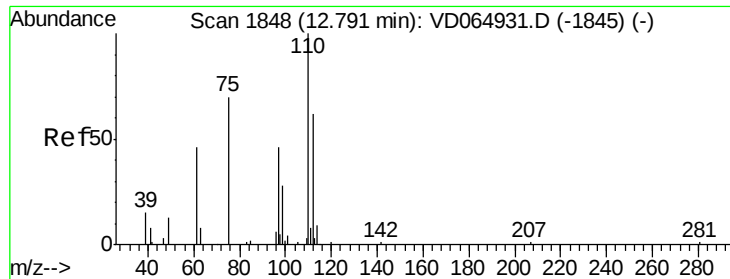
Tgt Ion:117 Resp: 782289
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064964.D
Acq: 27 Jan 2020 15:28

Tgt Ion:152 Resp: 353364
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.4
150 158.0 0.0 350.4

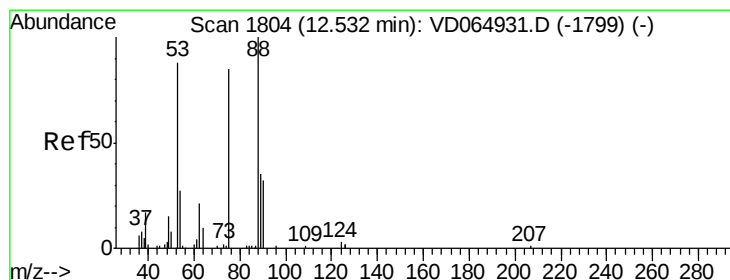
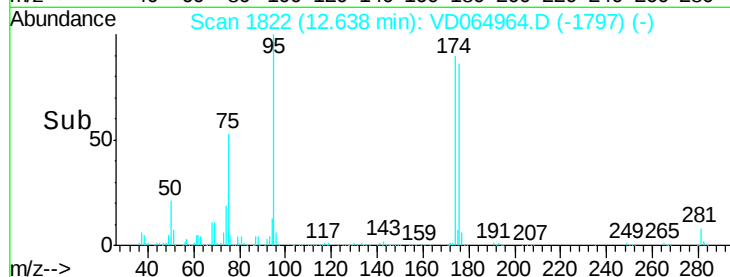
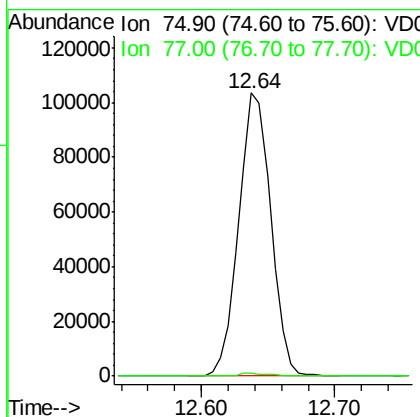
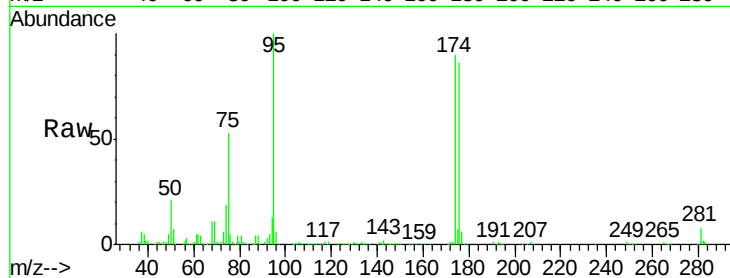




#76
 1,2,3-Trichloropropane
 Concen: 58.68 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064964.D
 Acq: 27 Jan 2020 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Tgt Ion: 75 Resp: 172112
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.30 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064964.D
 Acq: 27 Jan 2020 15:28

Tgt Ion: 75 Resp: 172112
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.0 121.4#
 89 0.1 36.2 54.4#

