

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013120\
 Data File : VD065028.D
 Acq On : 31 Jan 2020 12:29
 Operator : VA/SY
 Sample : L1325-01
 Misc : 8.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 346

Quant Time: Jan 31 13:00:22 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	393528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	626913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	633933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	299248	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	212243	56.23	ug/l	0.00
Spiked Amount			Recovery	=	112.46%	
35) Dibromofluoromethane	7.92	113	204137	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
50) Toluene-d8	10.34	98	763988	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.64	95	269945	58.01	ug/l	0.00
Spiked Amount			Recovery	=	116.02%	

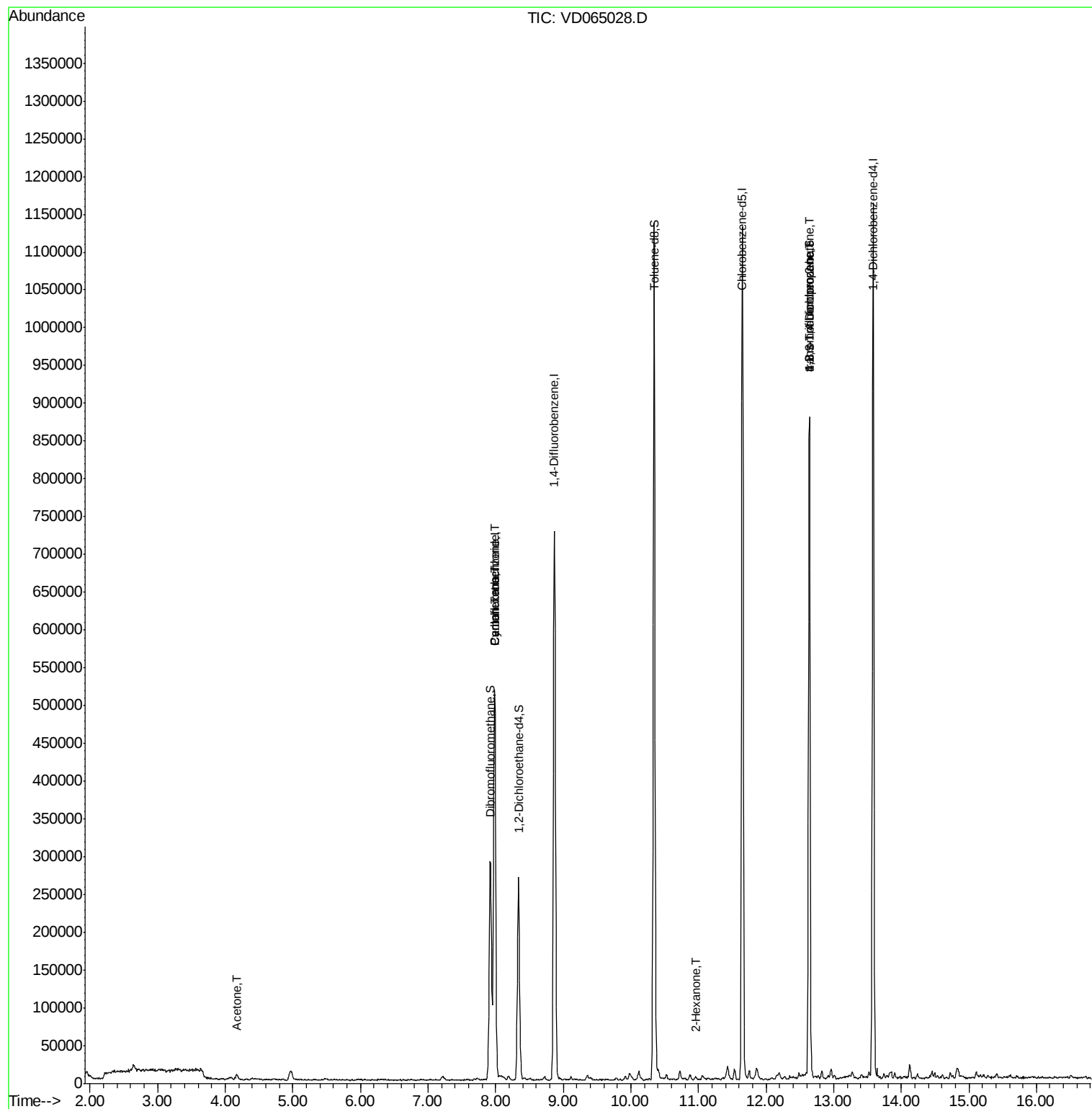
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	11090	23.79	ug/l	93
20) Methylene Chloride	4.97	84	8361	Below	Cal	90
31) Cyclohexane	7.98	56	10639	1.62	ug/l #	31
38) Carbon Tetrachloride	7.98	117	38901	6.09	ug/l #	17
59) 2-Hexanone	10.96	43	1801	1.10	ug/l #	25
76) 1,2,3-Trichloropropane	12.64	75	145989	58.78	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	145989	125.50	ug/l #	9

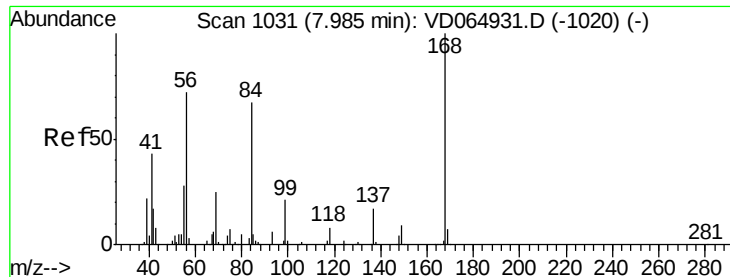
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD013120\
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Quant Time: Jan 31 13:00:22 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: VD065028.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

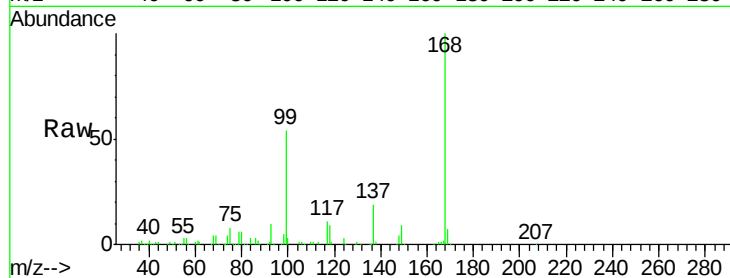
346

Tgt Ion:168 Resp: 393528

Ion Ratio Lower Upper

168 100

99 53.5 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

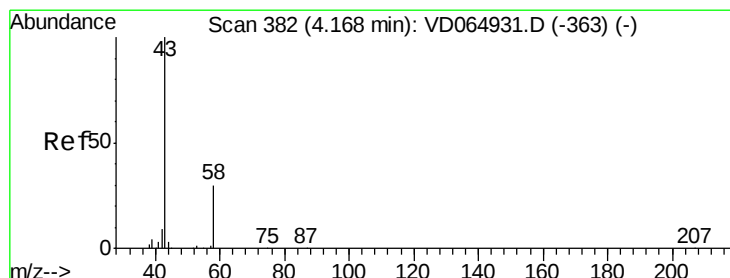
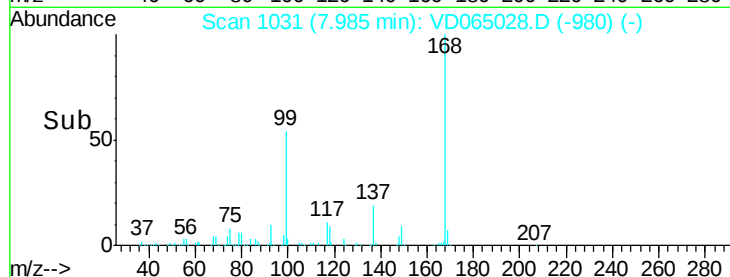
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.79 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065028.D

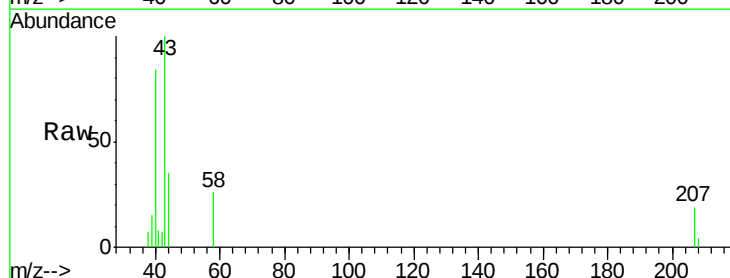
Acq: 31 Jan 2020 12:29

Tgt Ion: 43 Resp: 11090

Ion Ratio Lower Upper

43 100

58 26.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

4000

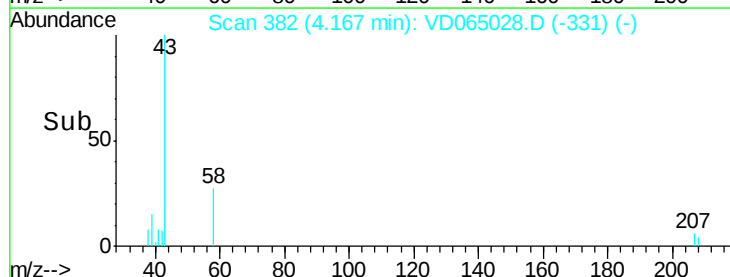
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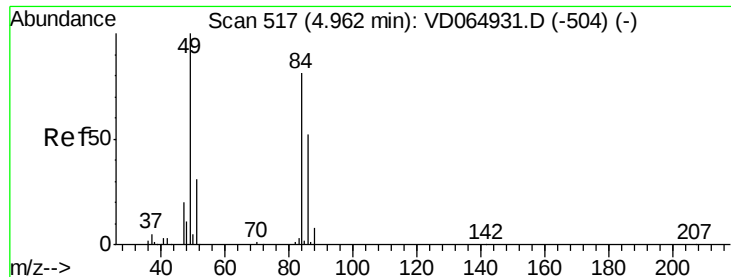
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD065028.D

Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
346

Tgt Ion: 84 Resp: 8361

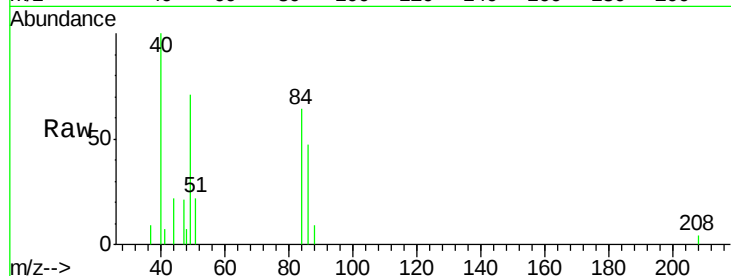
Ion Ratio Lower Upper

84 100

49 111.0 98.4 147.6

51 34.4 30.8 46.2

86 73.5 51.0 76.6

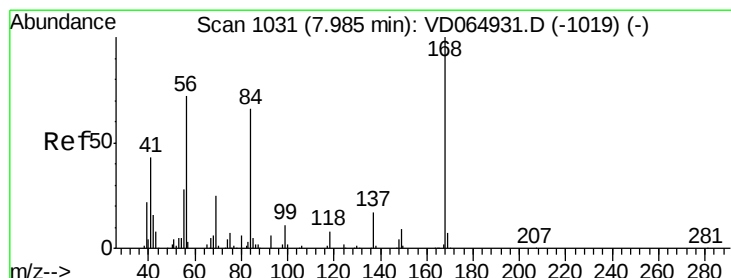
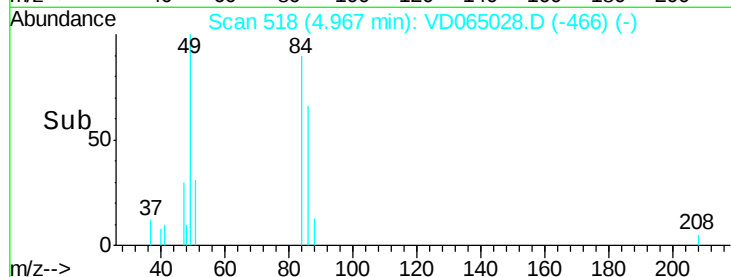
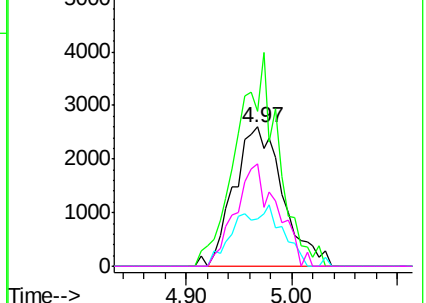


Abundance Ion 83.90 (83.60 to 84.60): VDC

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



#31

Cyclohexane

Concen: 1.62 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065028.D

Acq: 31 Jan 2020 12:29

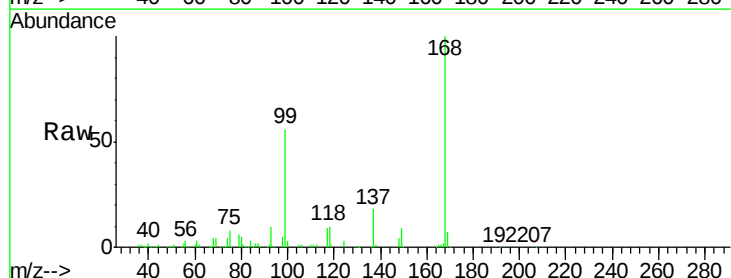
Tgt Ion: 56 Resp: 10639

Ion Ratio Lower Upper

56 100

69 148.4 27.9 41.9#

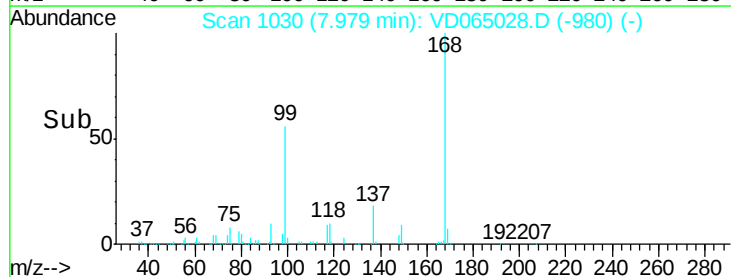
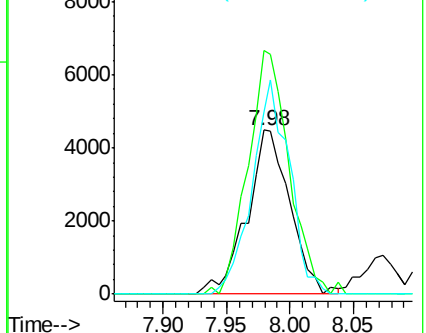
84 110.8 72.8 109.2#

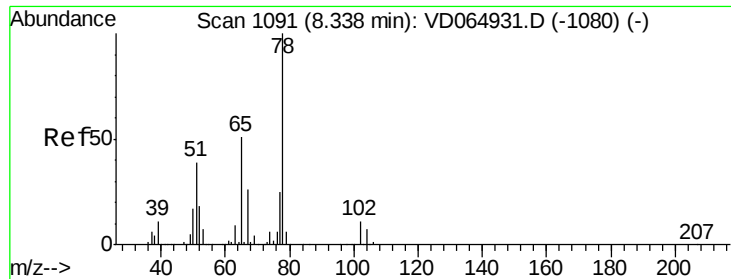


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

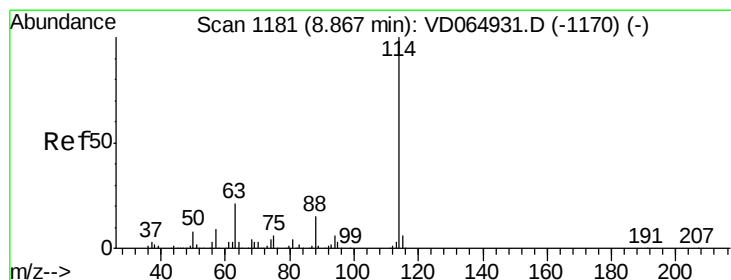
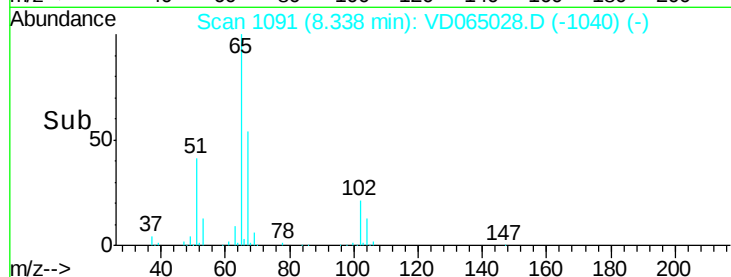
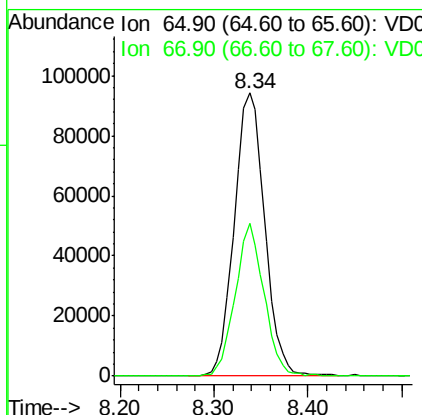
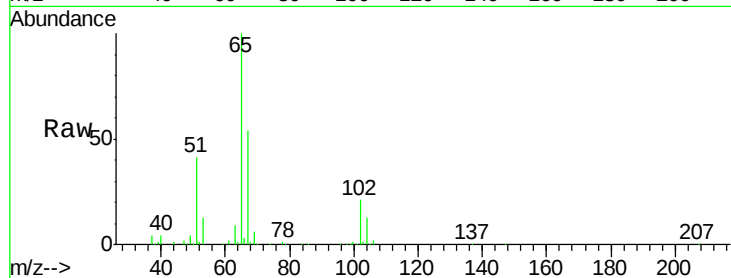




#33
 1,2-Dichloroethane-d4
 Concen: 56.23 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065028.D
 Acq: 31 Jan 2020 12:29

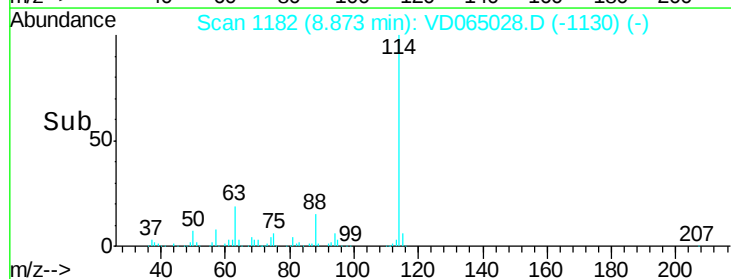
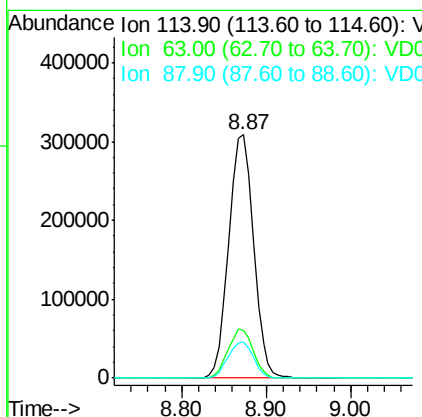
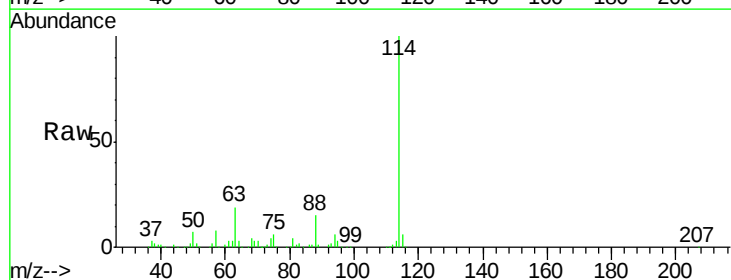
Instrument :
 MSVOA_D
 ClientSampled :
 346

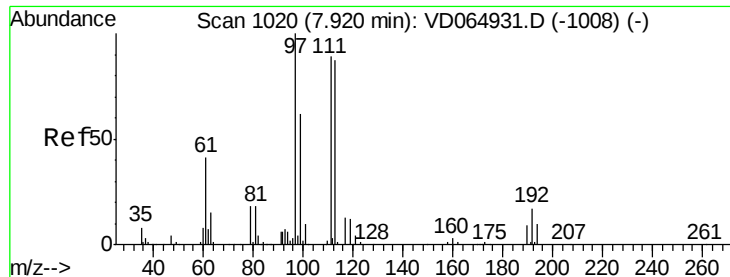
Tgt Ion: 65 Resp: 212243
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065028.D
 Acq: 31 Jan 2020 12:29

Tgt Ion: 114 Resp: 626913
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.0
 88 15.0 0.0 29.4

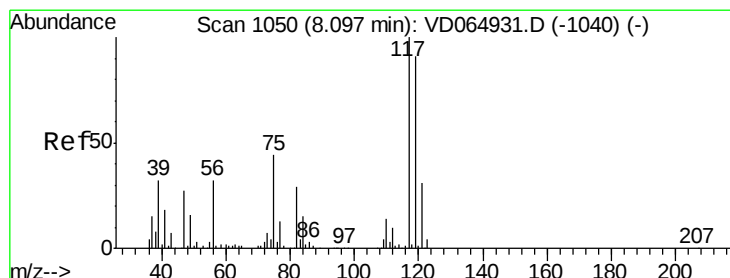
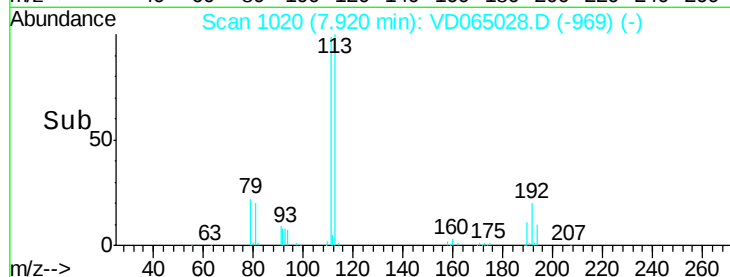
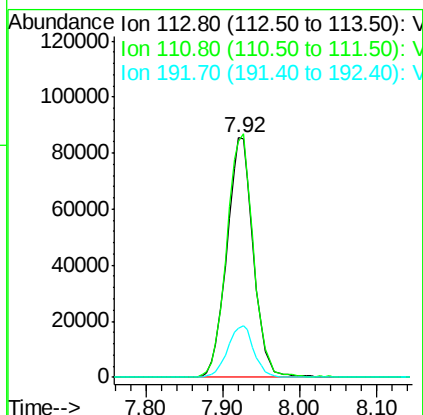
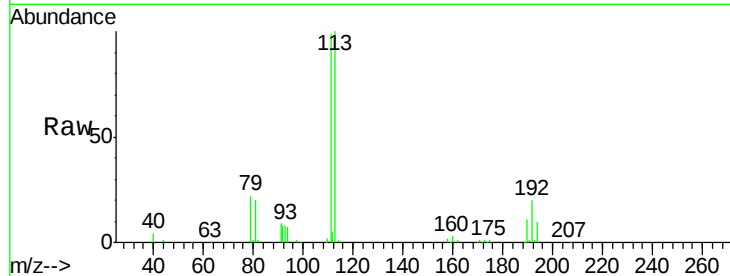




#35
 Dibromofluoromethane
 Concen: 51.82 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065028.D
 Acq: 31 Jan 2020 12:29

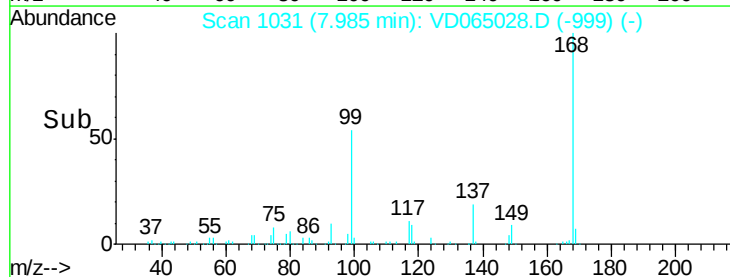
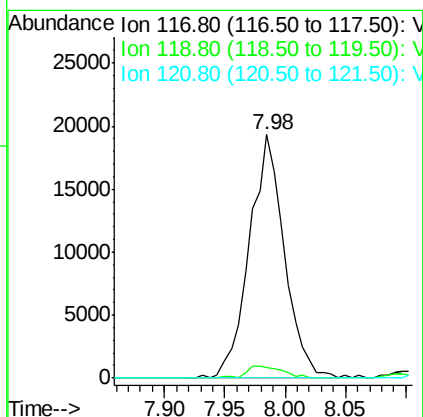
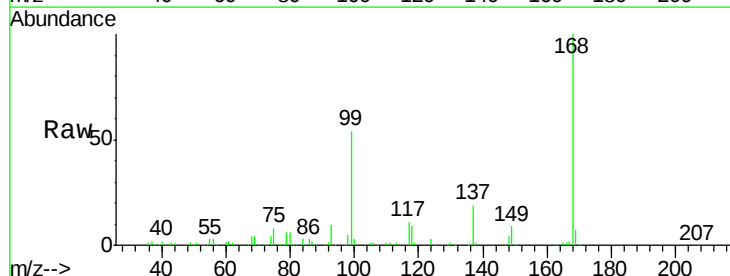
Instrument :
 MSVOA_D
 ClientSampleId :
 346

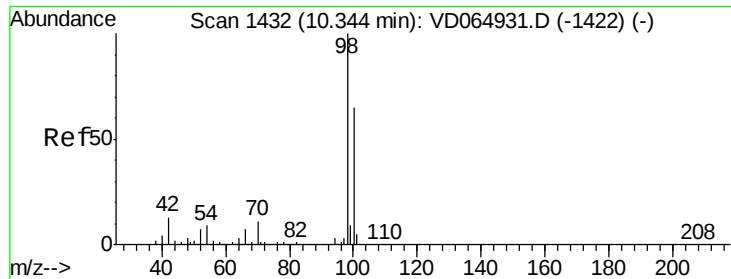
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	21.4	16.9	25.3



#38
 Carbon Tetrachloride
 Concen: 6.09 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065028.D
 Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	73.2	109.8#
121	0.0	24.4	36.6#





#50

Toluene-d8

Concen: 50.24 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065028.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

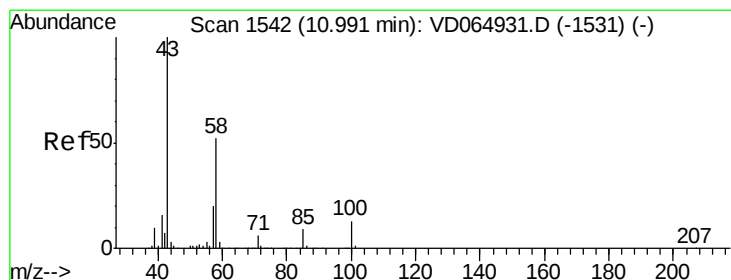
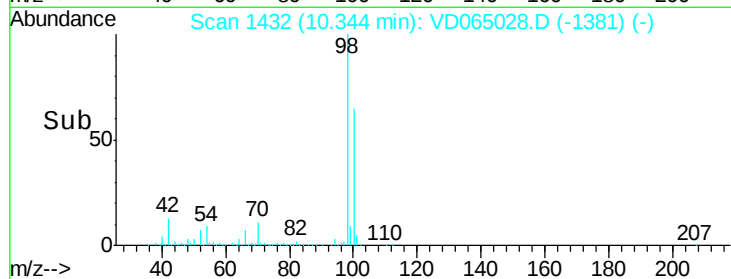
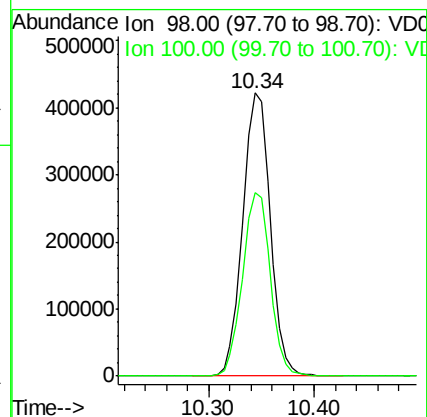
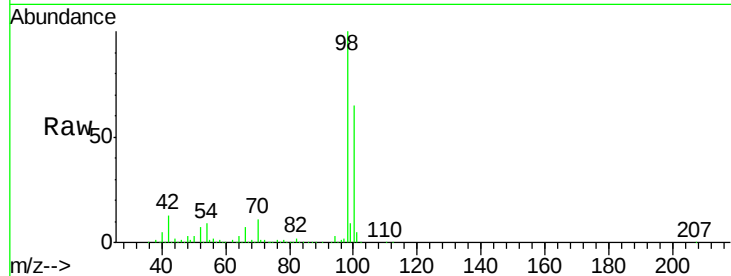
346

Tgt Ion: 98 Resp: 763988

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#59

2-Hexanone

Concen: 1.10 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. -0.04 min

Lab File: VD065028.D

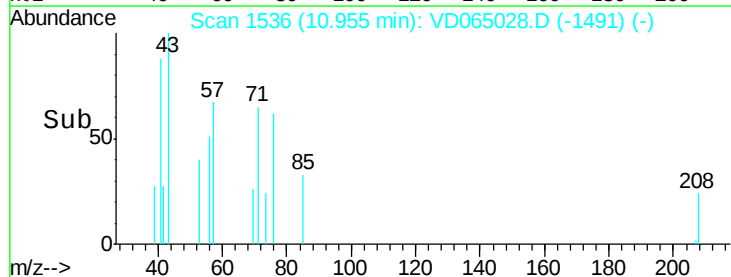
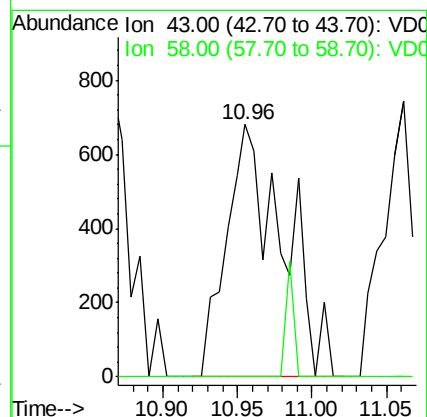
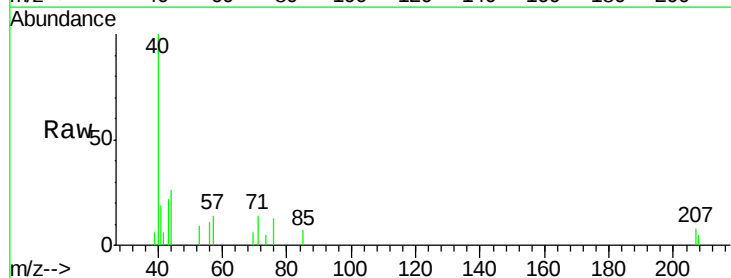
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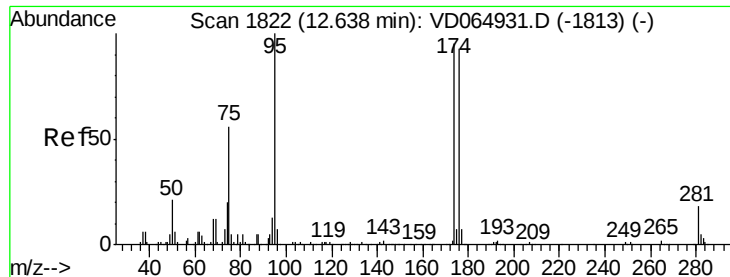
Tgt Ion: 43 Resp: 1801

Ion Ratio Lower Upper

43 100

58 0.0 26.5 79.4#

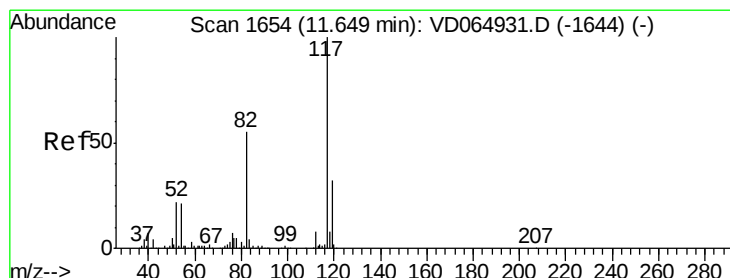
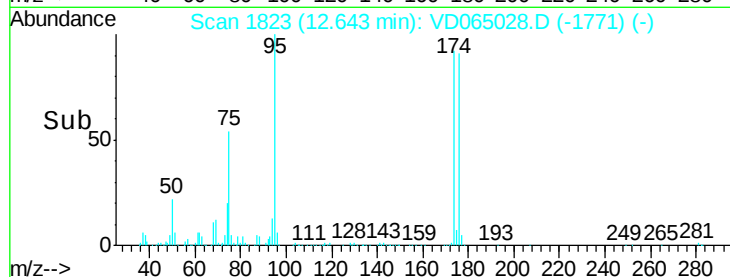
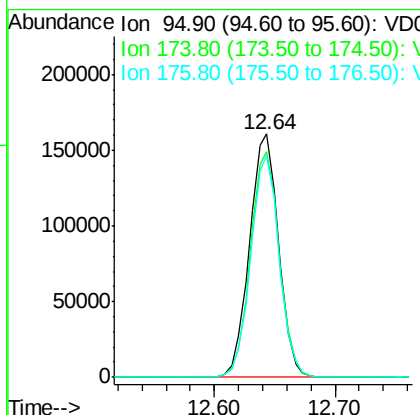
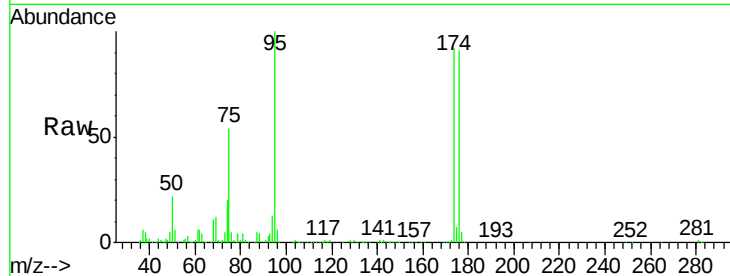




#62
4-Bromofluorobenzene
Concen: 58.01 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065028.D
Acq: 31 Jan 2020 12:29

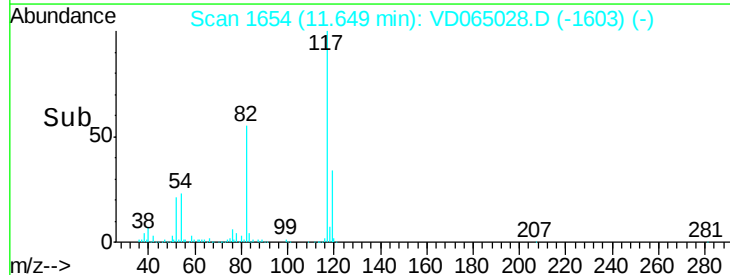
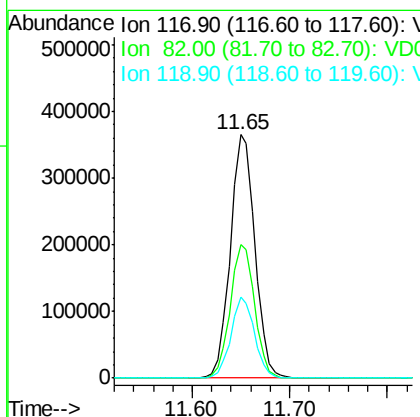
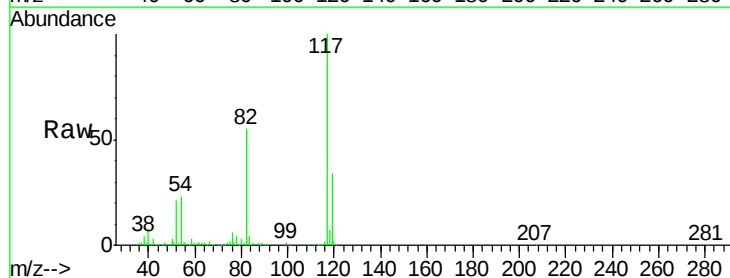
Instrument :
MSVOA_D
ClientSampled :
346

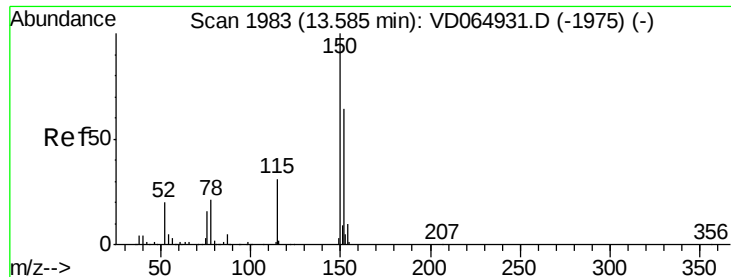
Tgt Ion: 95 Resp: 269945
Ion Ratio Lower Upper
95 100
174 92.2 0.0 186.8
176 88.8 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065028.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 117 Resp: 633933
Ion Ratio Lower Upper
117 100
82 55.1 43.6 65.4
119 33.5 25.2 37.8



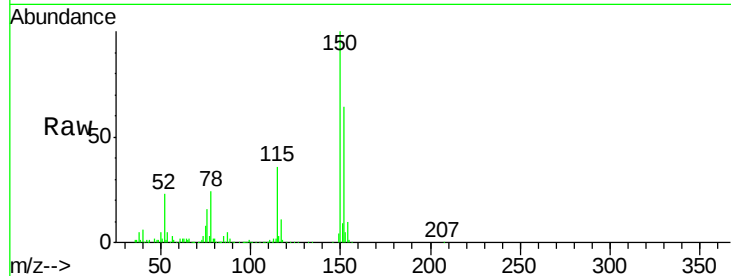


#72

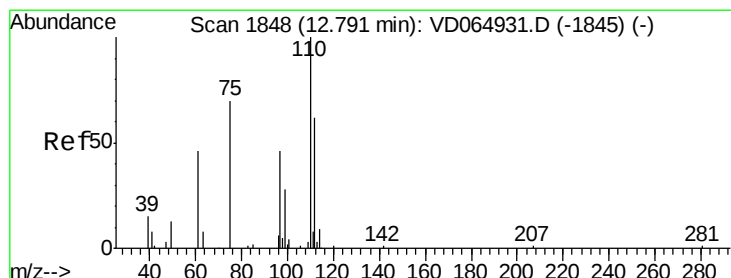
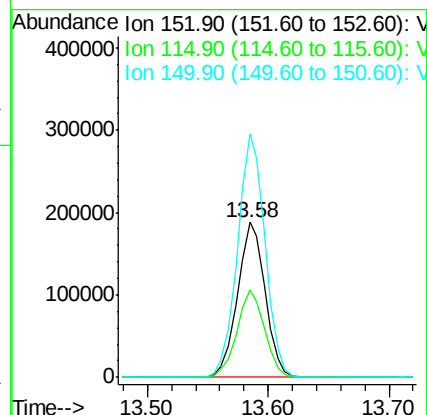
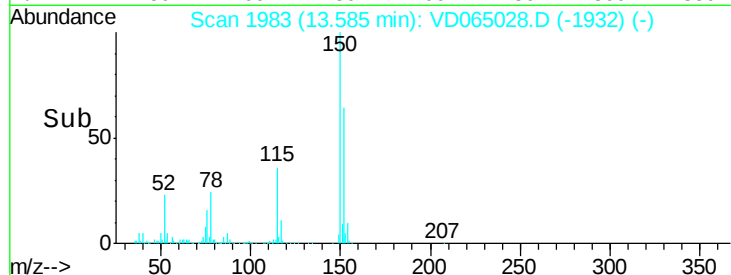
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065028.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
346

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.1	84.4
150	156.4	0.0	350.4



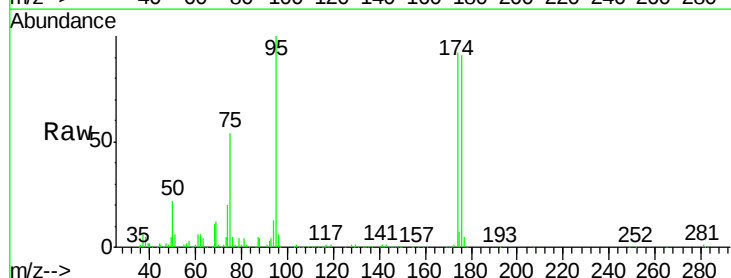
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



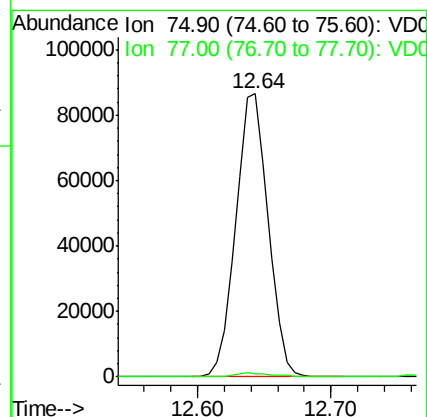
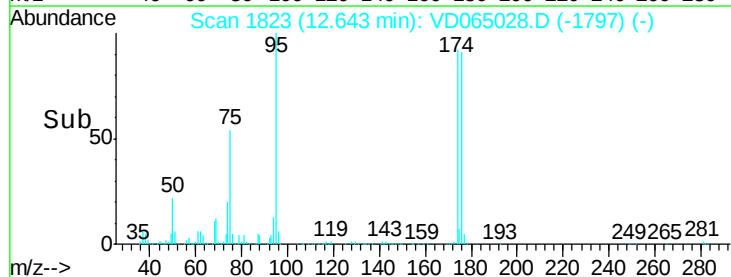
#76

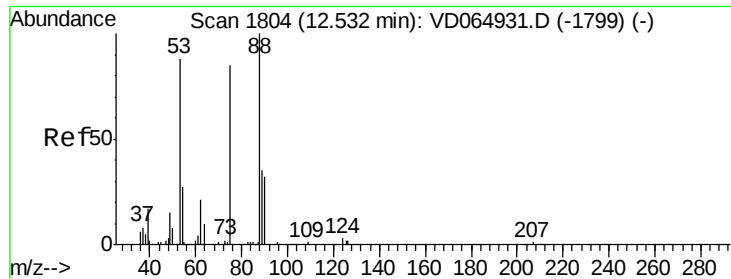
1,2,3-Trichloropropane
Concen: 58.78 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065028.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	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: 125.50 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065028.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

346

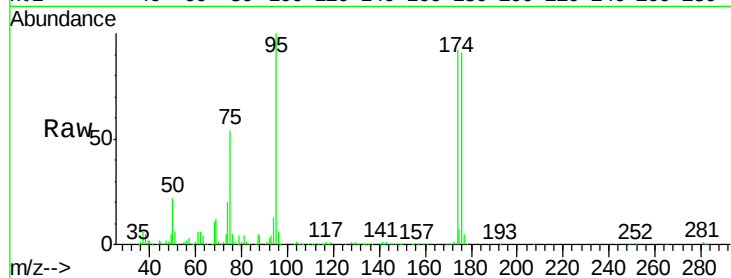
Tgt Ion: 75 Resp: 145989

Ion Ratio Lower Upper

75 100

53 0.0 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

