

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065277.D
 Acq On : 21 Feb 2020 16:03
 Operator : VA/SY
 Sample : L1635-05
 Misc : 6.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 22 02:24:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

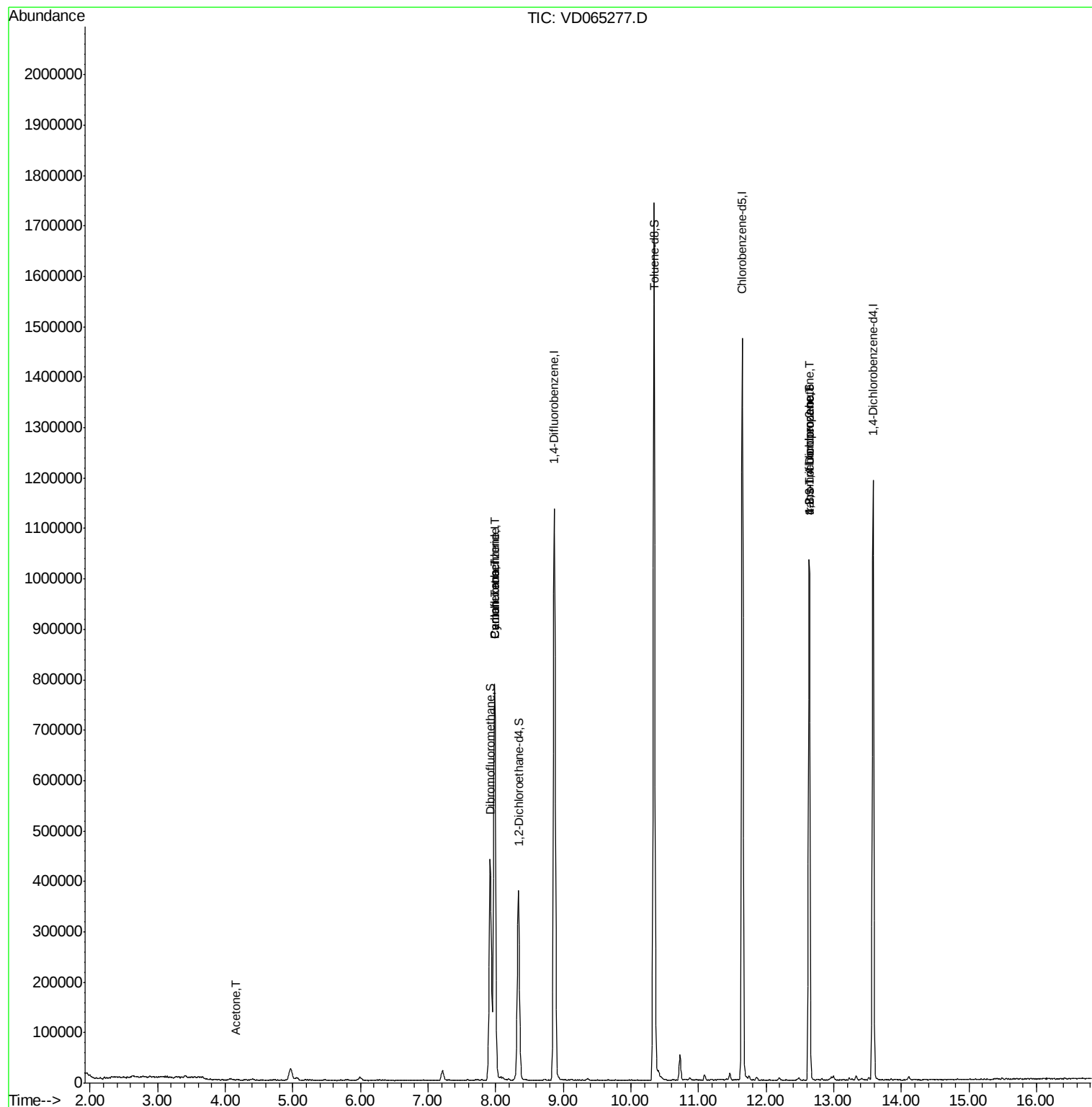
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	603813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1001712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	850823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	305306	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	
35) Dibromofluoromethane	7.92	113	314051	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.34	98	1184308	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.64	95	321253	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	
Target Compounds						
16) Acetone	4.17	43	1960	1.476	ug/l	98
20) Methylene Chloride	4.97	84	18068	Below Cal	#	93
31) Cyclohexane	7.98	56	14902	1.395	ug/l #	21
38) Carbon Tetrachloride	7.98	117	56594	5.704	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	160078	57.213	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	160078	123.533	ug/l #	11

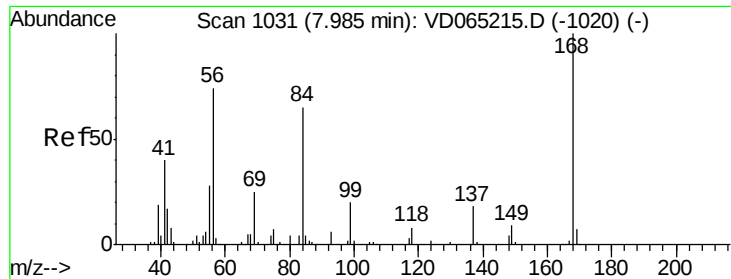
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022120\
Data File : VD065277.D
Acq On : 21 Feb 2020 16:03
Operator : VA/SY
Sample : L1635-05
Misc : 6.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 22 02:24:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065277.D

Acq: 21 Feb 2020 16:03

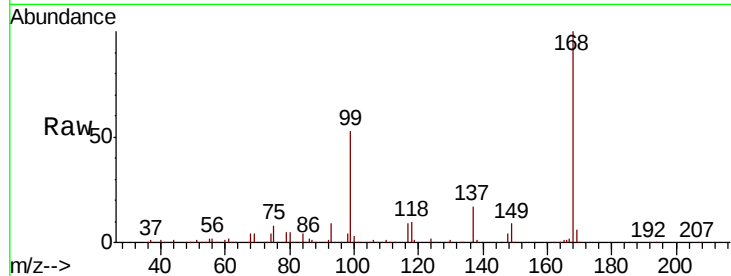
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 603813

Ion Ratio Lower Upper

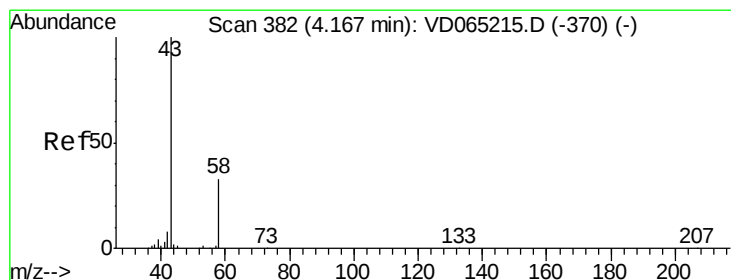
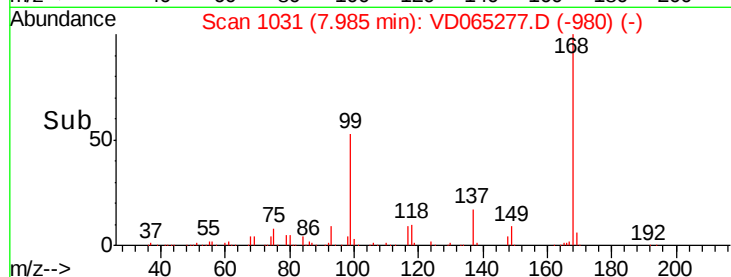
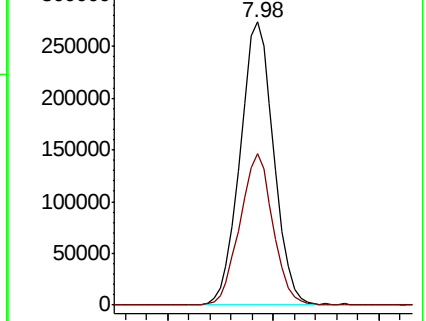
168 100

99 53.3 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 1.476 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065277.D

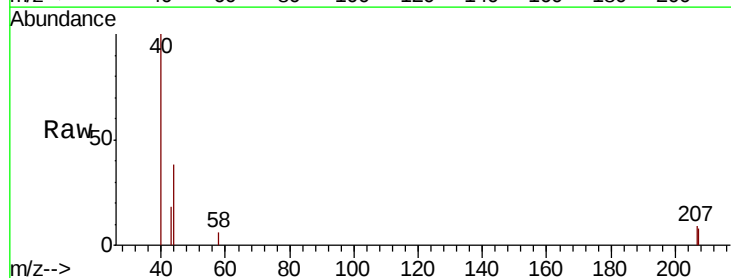
Acq: 21 Feb 2020 16:03

Tgt Ion: 43 Resp: 1960

Ion Ratio Lower Upper

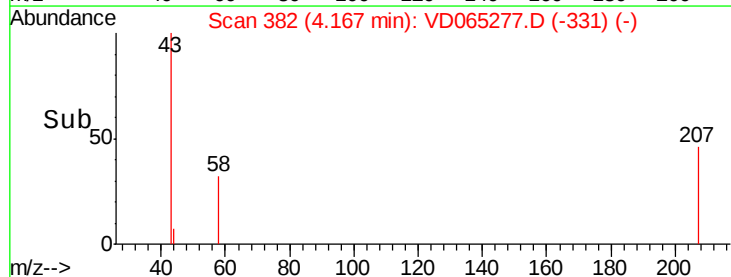
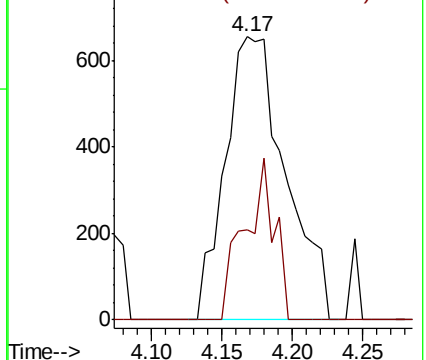
43 100

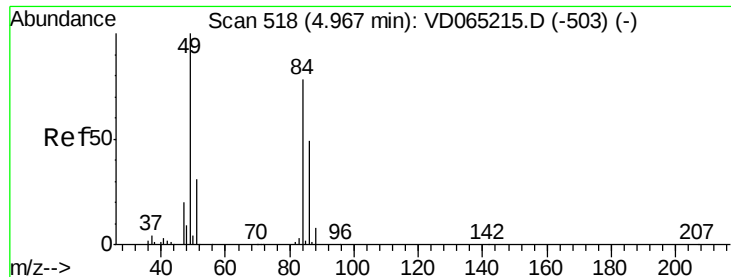
58 31.8 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

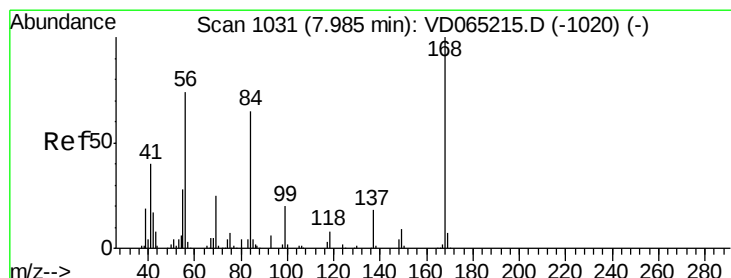
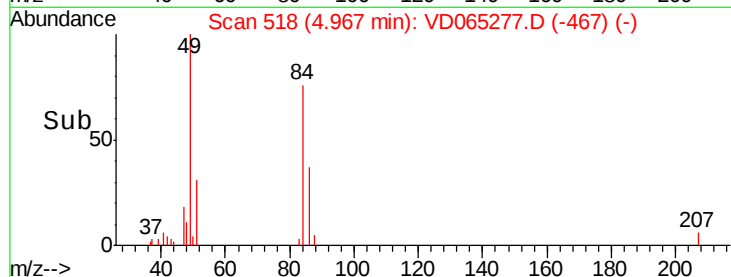
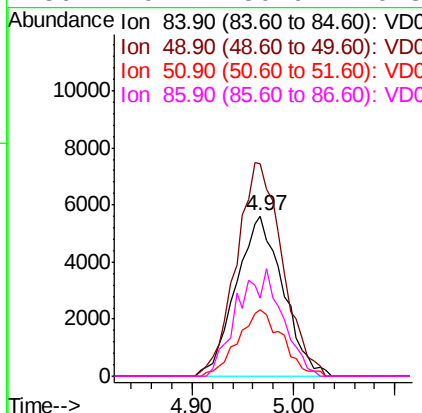
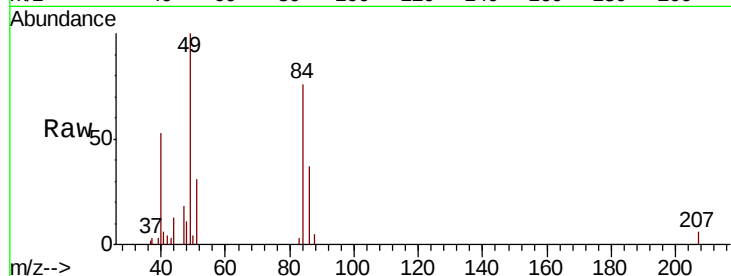




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065277.D
Acq: 21 Feb 2020 16:03

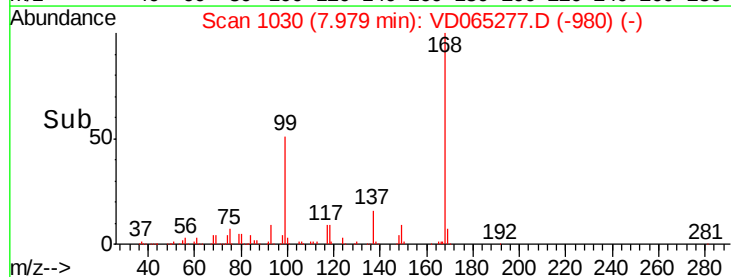
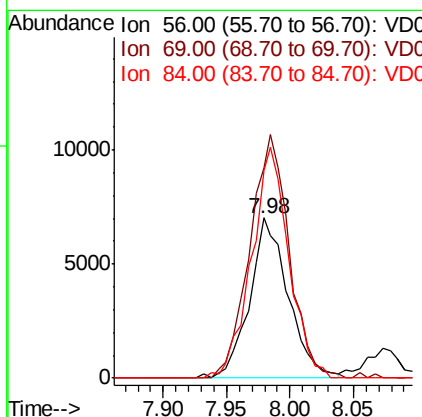
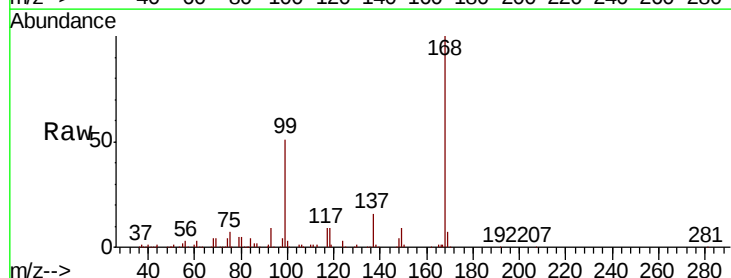
Instrument :
MSVOA_D
ClientSampleId :

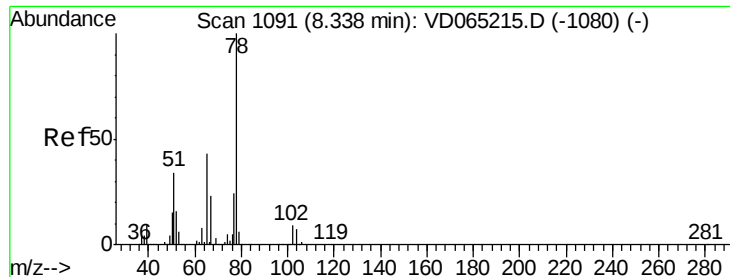
Tot Ion	Ratio	Lower	Upper
84	100		
49	132.4	103.1	154.7
51	41.5	31.7	47.5
86	49.1	50.9	76.3#



#31
Cyclohexane
Concen: 1.395 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065277.D
Acq: 21 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
56	100		
69	131.4	27.4	41.0#
84	130.1	71.1	106.7#





#33

1,2-Dichloroethane-d4

Concen: 56.205 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065277.D

Acq: 21 Feb 2020 16:03

Instrument :

MSVOA_D

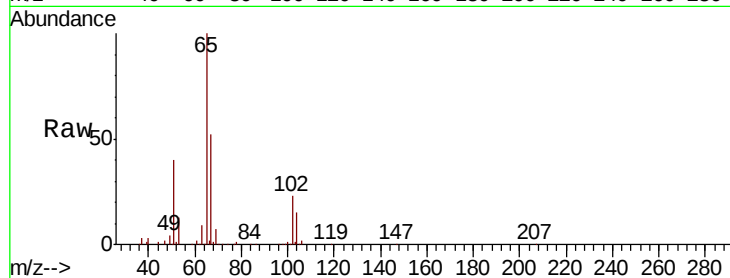
ClientSampleId :

Tot Ion: 65 Resp: 305306

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

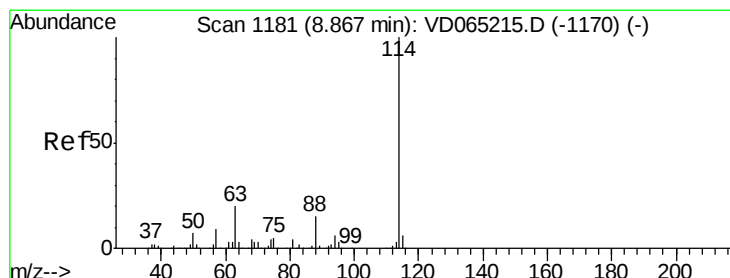
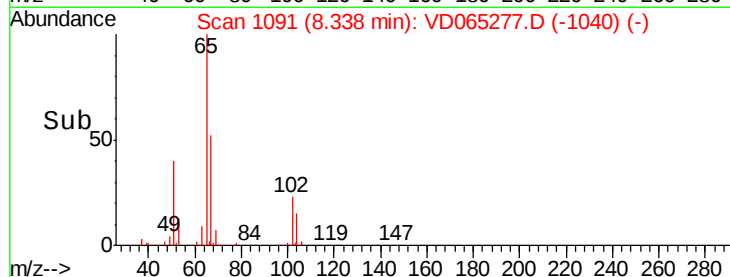
150000

100000

50000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065277.D

Acq: 21 Feb 2020 16:03

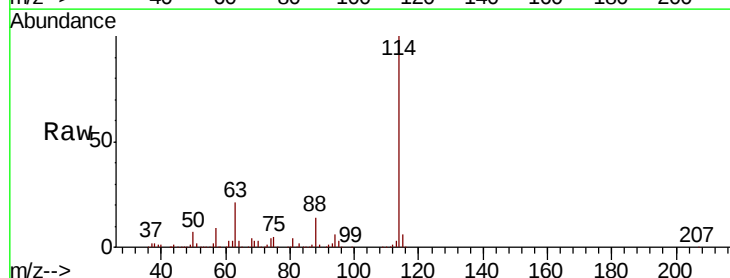
Tgt Ion: 114 Resp: 1001712

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

88 14.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

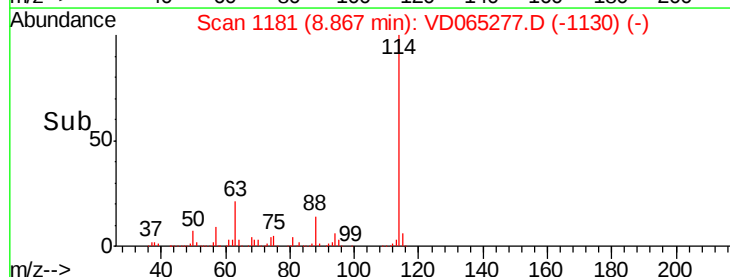
600000

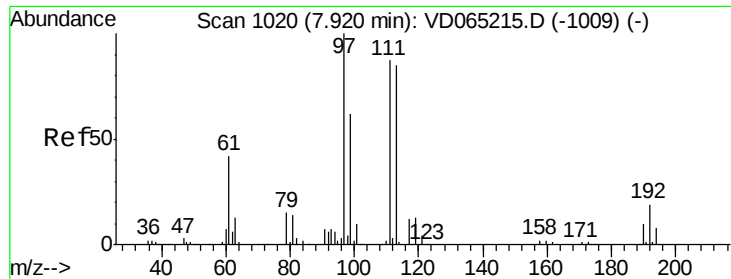
400000

200000

0

Time--> 8.80 8.90 9.00

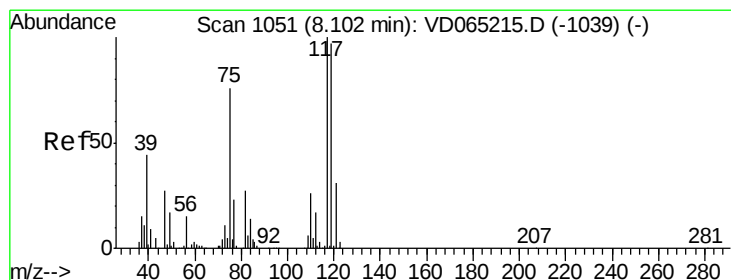
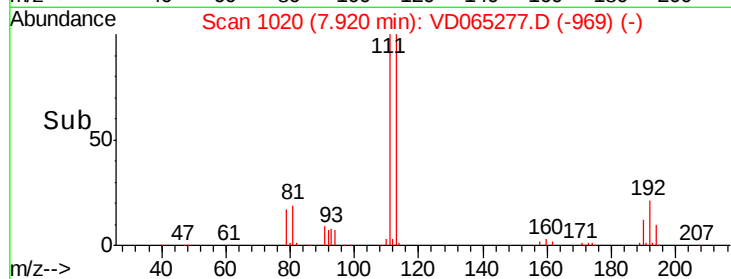
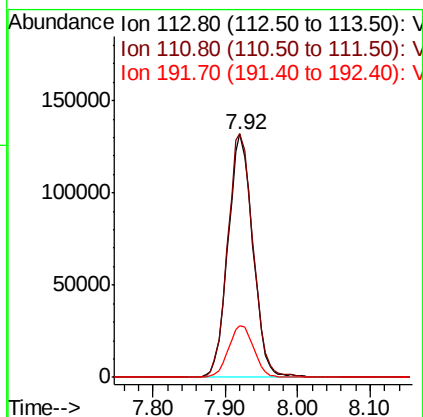
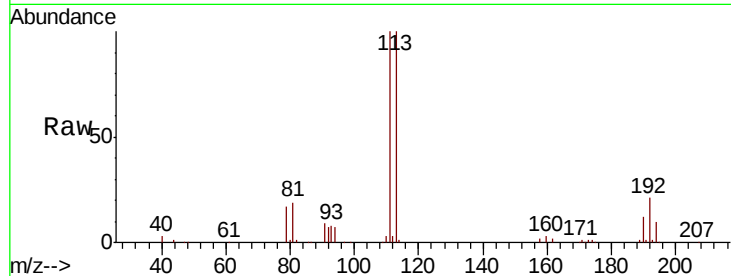




#35
 Dibromofluoromethane
 Concen: 51.418 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065277.D
 Acq: 21 Feb 2020 16:03

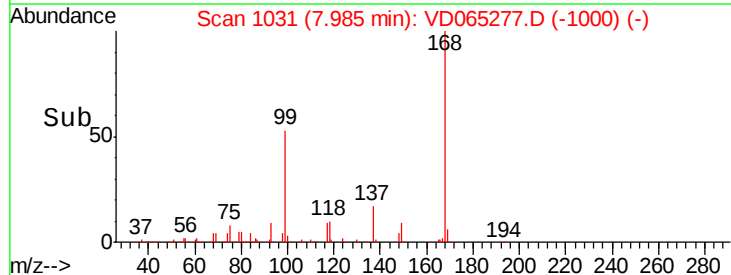
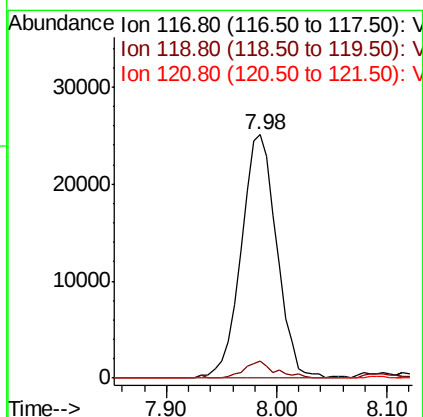
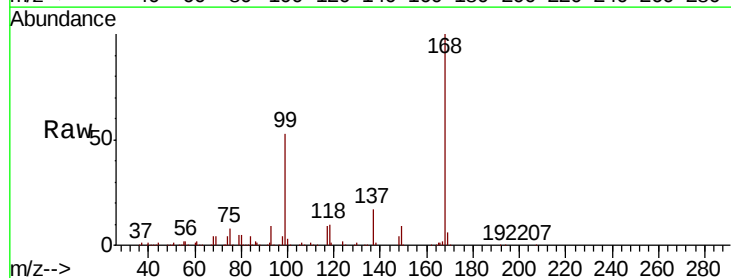
Instrument :
 MSVOA_D
 ClientSampleId :

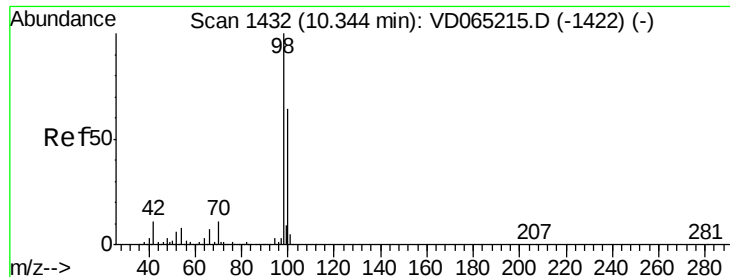
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	21.5	17.3	25.9



#38
 Carbon Tetrachloride
 Concen: 5.704 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD065277.D
 Acq: 21 Feb 2020 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	77.6	116.4#
121	0.0	24.8	37.2#

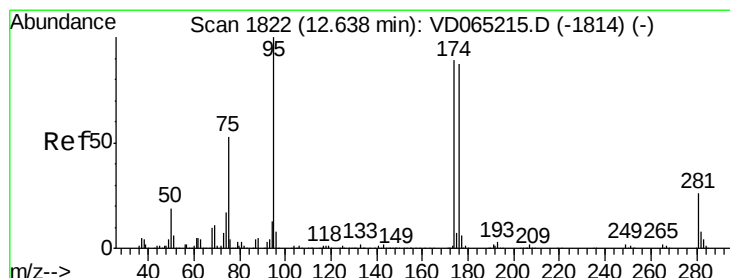
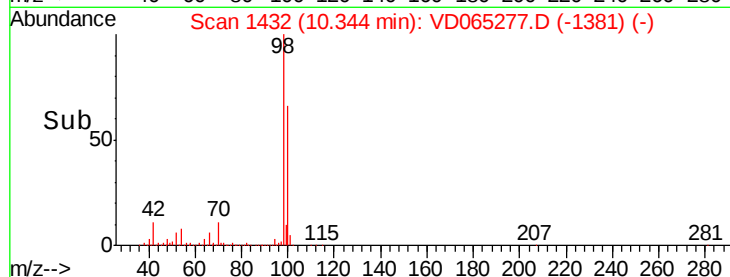
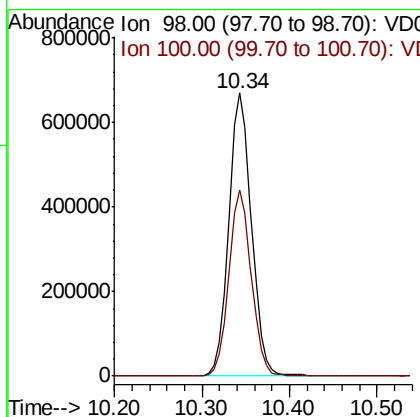
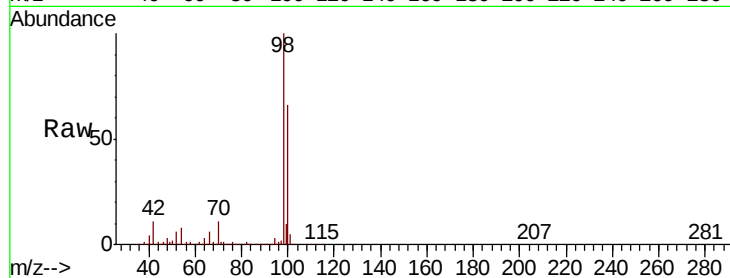




#50
Toluene-d8
Concen: 50.720 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065277.D
Acq: 21 Feb 2020 16:03

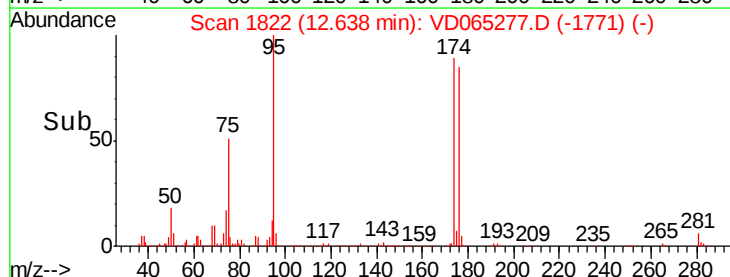
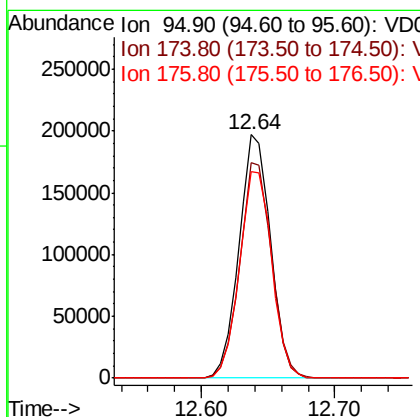
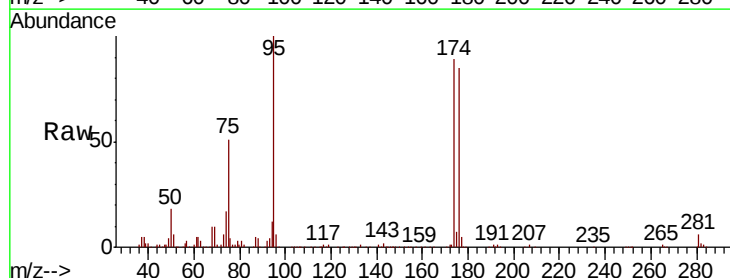
Instrument :
MSVOA_D
ClientSampleId :

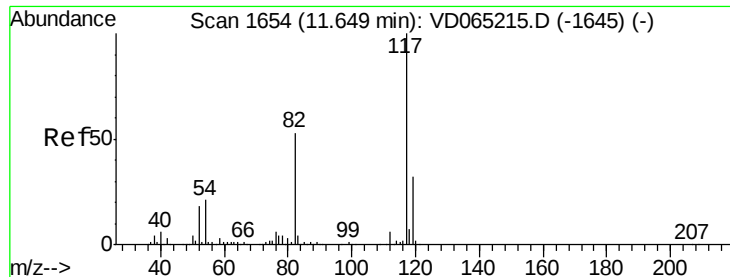
Tot Ion: 98 Resp: 1184308
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.430 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065277.D
Acq: 21 Feb 2020 16:03

Tgt Ion: 95 Resp: 321253
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.0
176 86.8 0.0 174.4

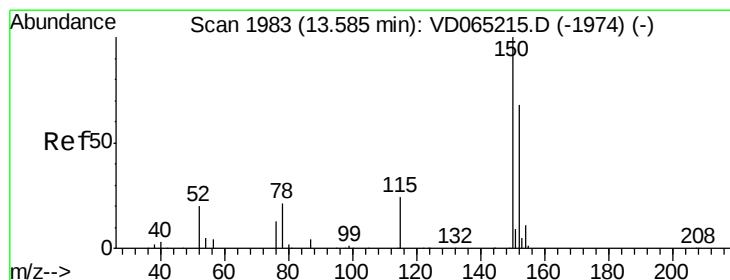
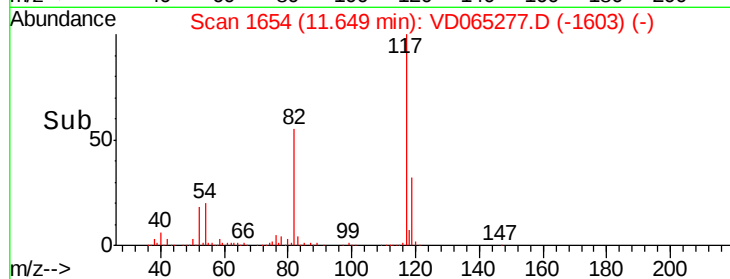
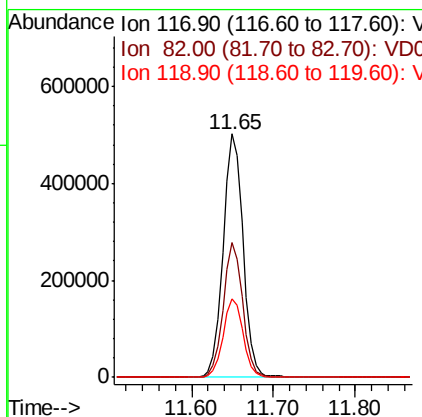
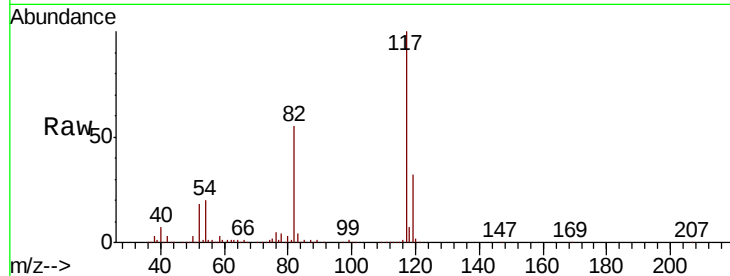




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065277.D
Acq: 21 Feb 2020 16:03

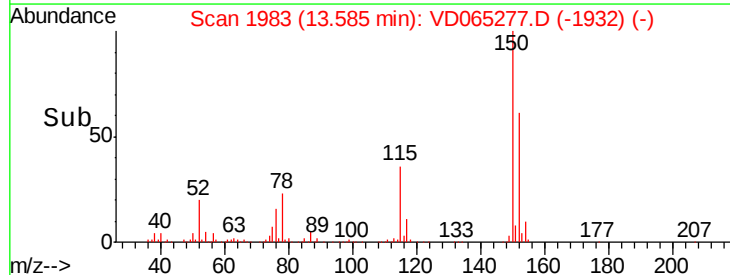
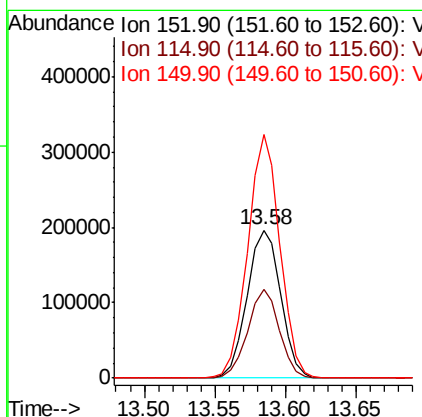
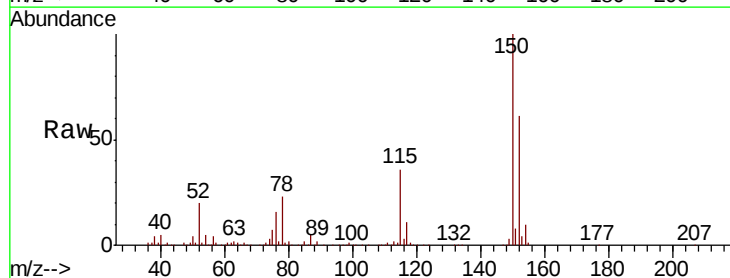
Instrument :
MSVOA_D
ClientSampleId :

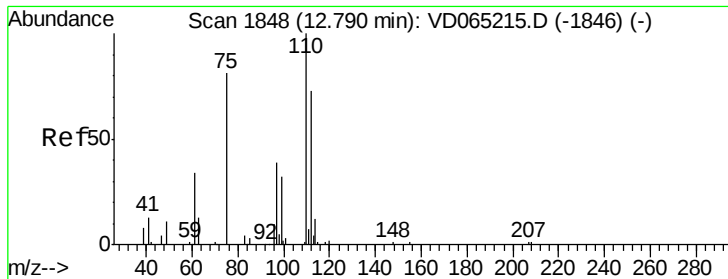
Tot Ion:117 Resp: 850823
Ion Ratio Lower Upper
117 100
82 55.3 42.7 64.1
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065277.D
Acq: 21 Feb 2020 16:03

Tgt Ion:152 Resp: 328847
Ion Ratio Lower Upper
152 100
115 56.3 27.6 82.8
150 157.0 0.0 347.4

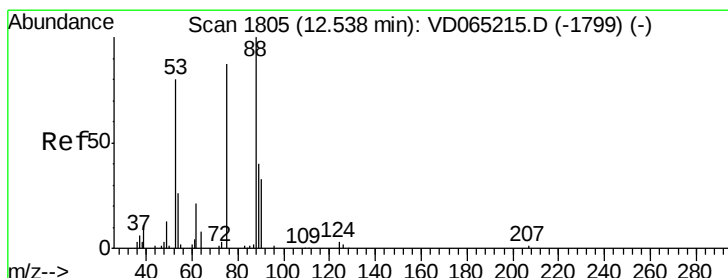
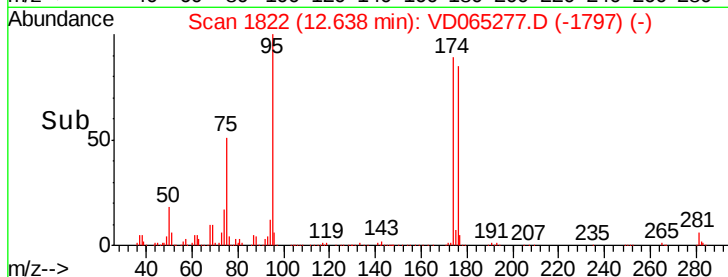
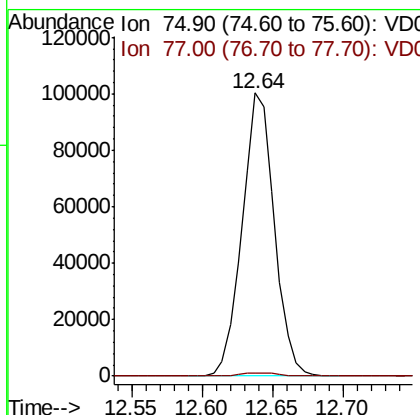
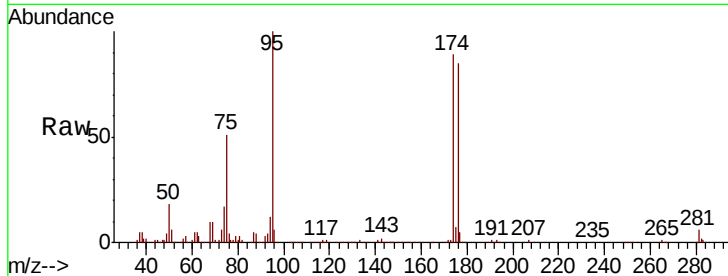




#76
 1,2,3-Trichloropropane
 Concen: 57.213 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065277.D
 Acq: 21 Feb 2020 16:03

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 160078
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.533 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065277.D
 Acq: 21 Feb 2020 16:03

Tgt Ion: 75 Resp: 160078
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.6 116.4#
 89 0.0 37.2 55.8#

