

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021420\
 Data File : VD065185.D
 Acq On : 14 Feb 2020 11:41
 Operator : VA/SY
 Sample : VD0214SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 15 00:08:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

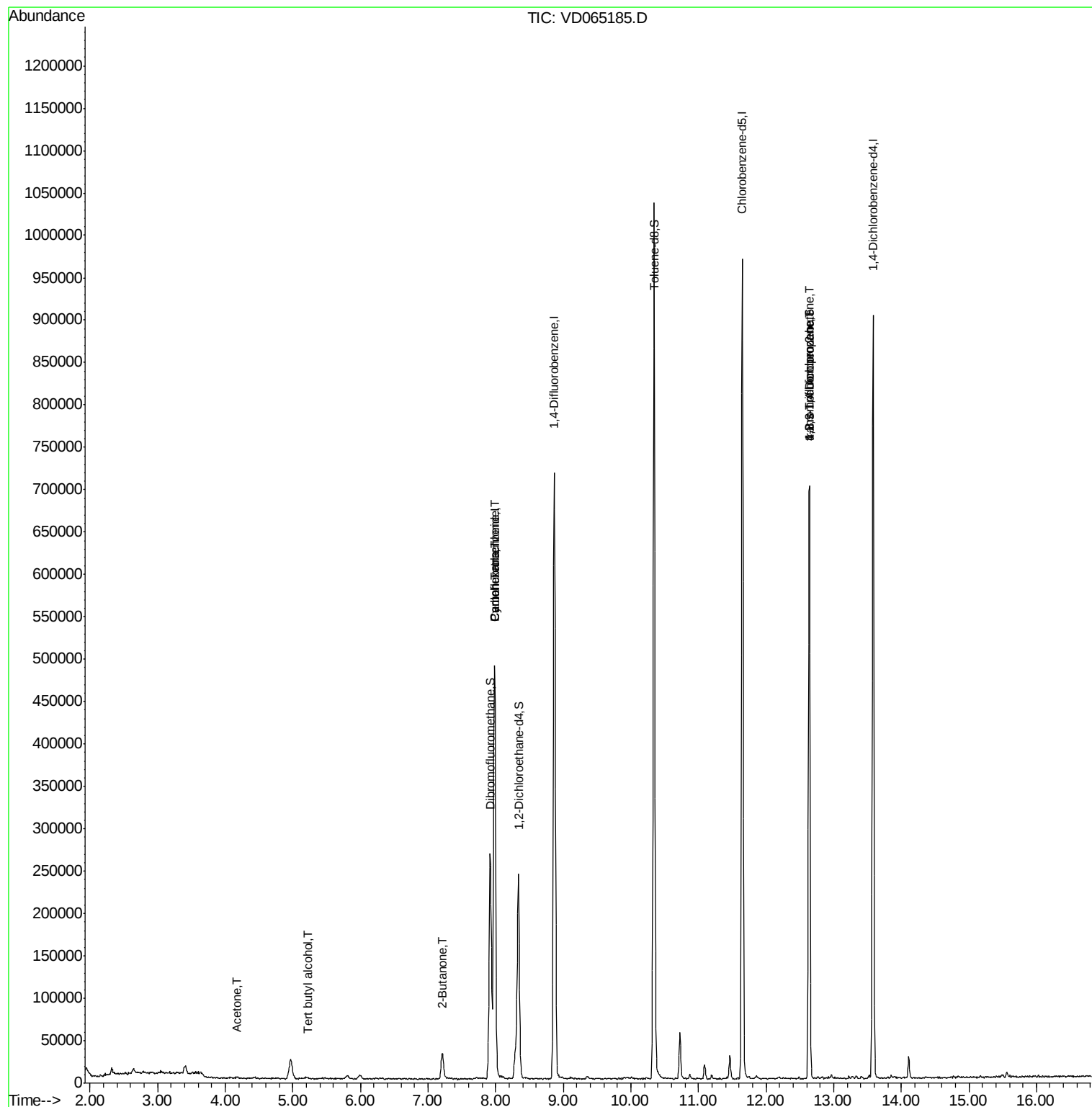
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	378500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	620044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	551959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	188699	58.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.32%	
35) Dibromofluoromethane	7.92	113	194135	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
50) Toluene-d8	10.34	98	683161	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.64	95	205175	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	232	1.180	ug/l #	71
16) Acetone	4.17	43	2838	3.529	ug/l	98
25) 2-Butanone	7.22	43	2035	2.121	ug/l #	50
31) Cyclohexane	7.98	56	8592	1.343	ug/l #	1
38) Carbon Tetrachloride	7.98	117	36295	6.164	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.94	63	583	Below Cal		99
76) 1,2,3-Trichloropropane	12.64	75	103790	56.766	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	103790	113.528	ug/l #	10

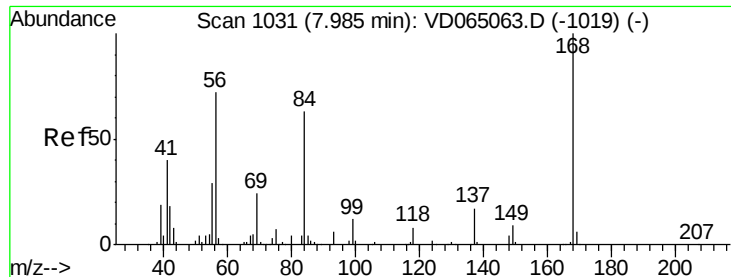
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021420\
Data File : VD065185.D
Acq On : 14 Feb 2020 11:41
Operator : VA/SY
Sample : VD0214SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 15 00:08:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 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: VD065185.D

Acq: 14 Feb 2020 11:41

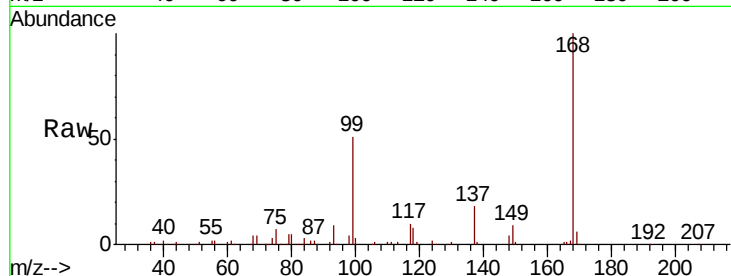
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 378500

Ion Ratio Lower Upper

168 100

99 50.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

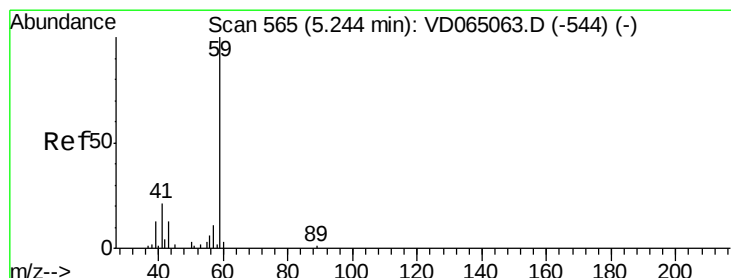
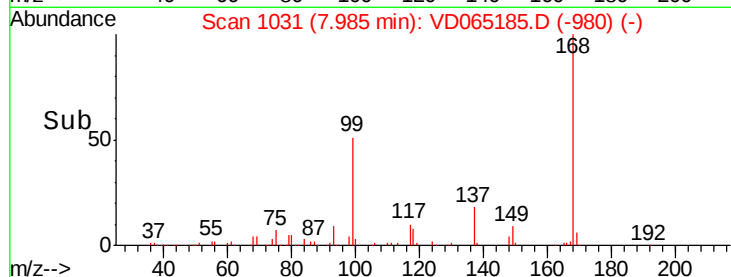
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.180 ug/l

RT: 5.23 min Scan# 563

Delta R.T. -0.01 min

Lab File: VD065185.D

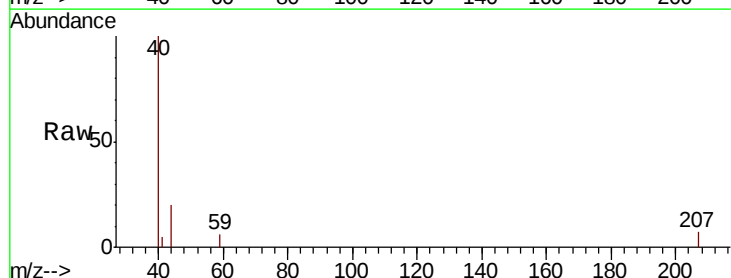
Acq: 14 Feb 2020 11:41

Tgt Ion: 59 Resp: 232

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.23

300

250

200

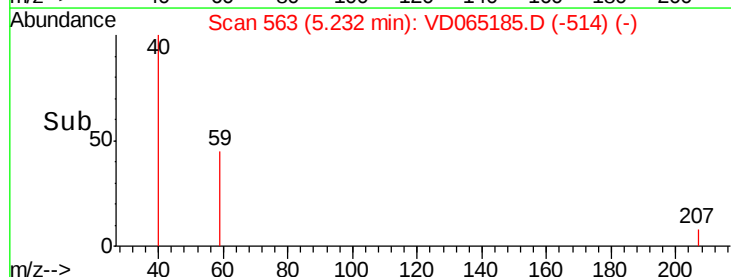
150

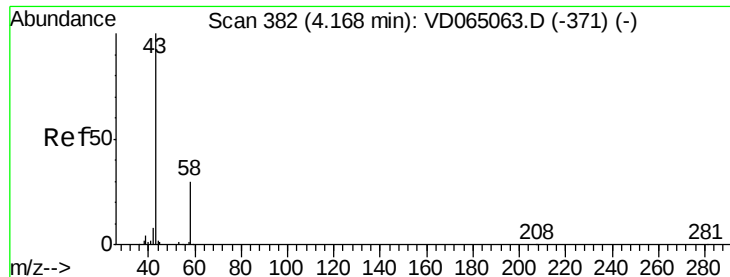
100

50

0

Time-->





#16

Acetone

Concen: 3.529 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065185.D

Acq: 14 Feb 2020 11:41

Instrument :

MSVOA_D

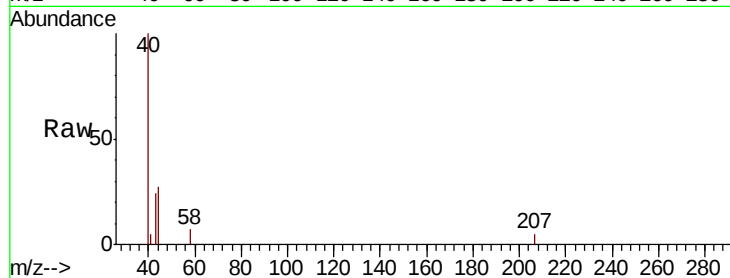
ClientSampleId :

Tot Ion: 43 Resp: 2838

Ion Ratio Lower Upper

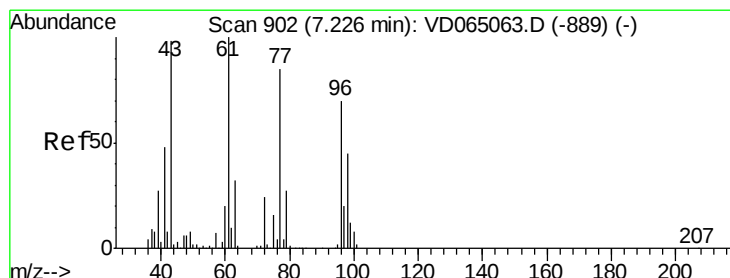
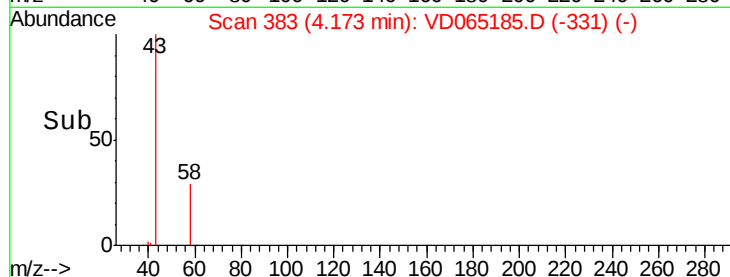
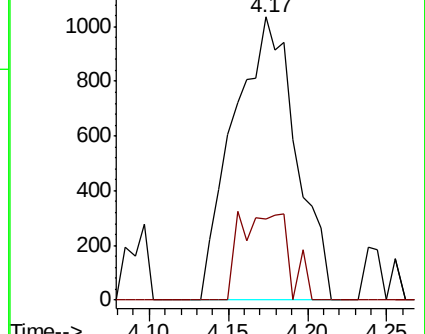
43 100

58 28.5 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 2.121 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065185.D

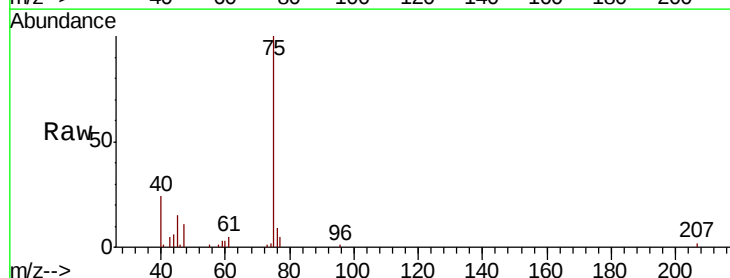
Acq: 14 Feb 2020 11:41

Tgt Ion: 43 Resp: 2035

Ion Ratio Lower Upper

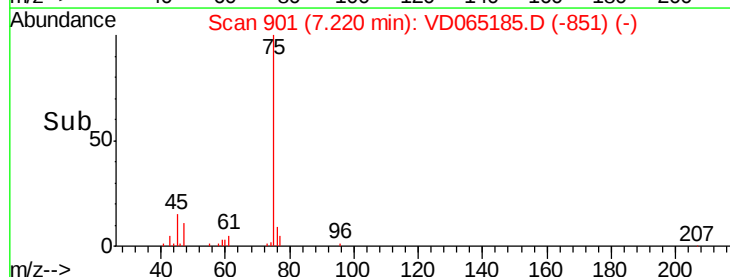
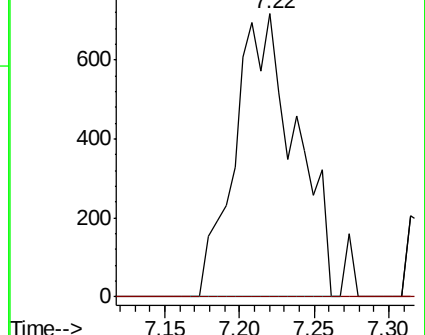
43 100

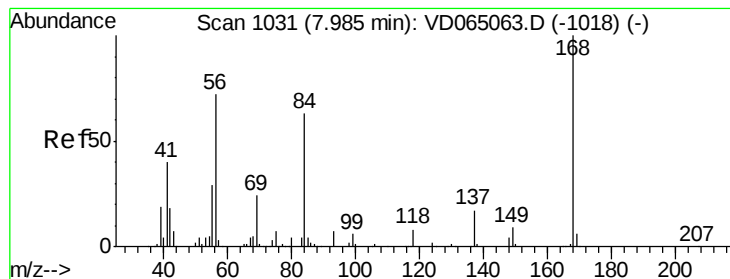
72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.343 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065185.D

Acq: 14 Feb 2020 11:41

Instrument :
MSVOA_D
ClientSampled :

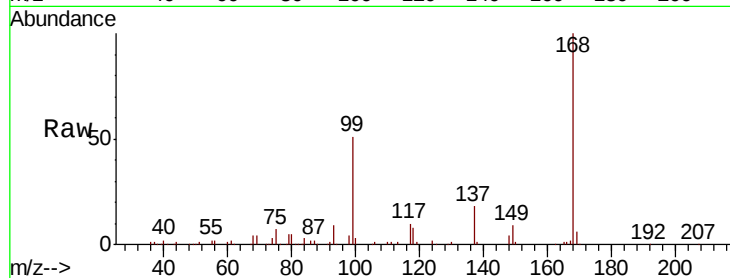
Tot Ion: 56 Resp: 8592

Ion Ratio Lower Upper

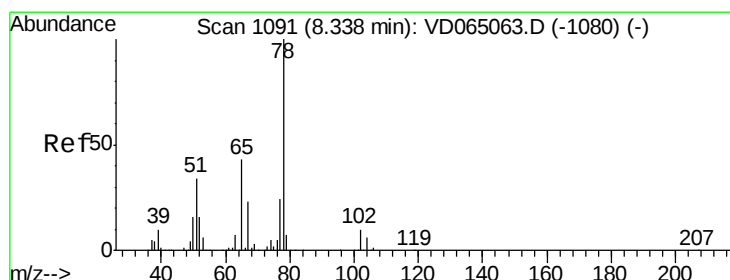
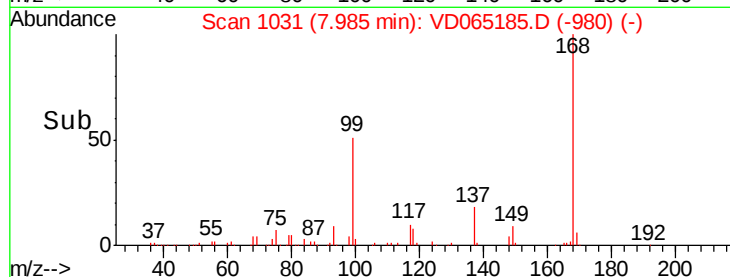
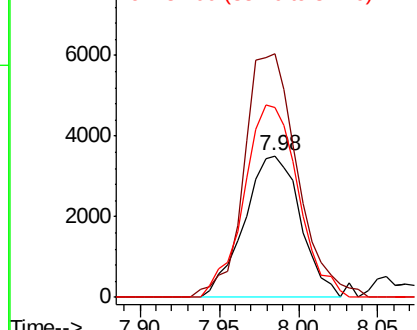
56 100

69 172.1 26.6 40.0#

84 134.3 70.6 106.0#



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: 58.658 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065185.D

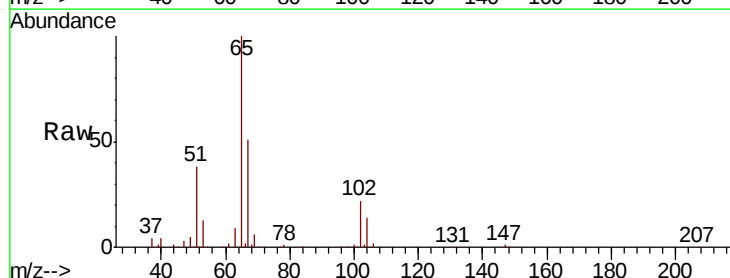
Acq: 14 Feb 2020 11:41

Tgt Ion: 65 Resp: 188699

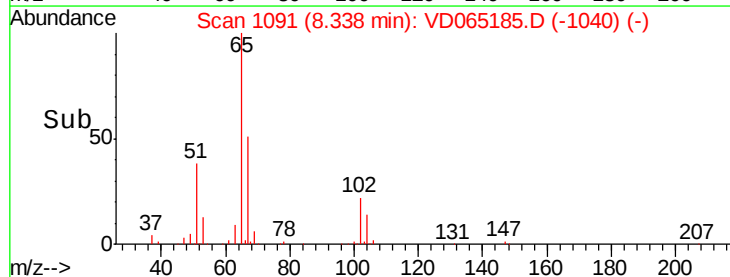
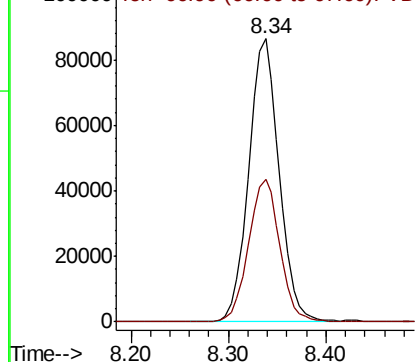
Ion Ratio Lower Upper

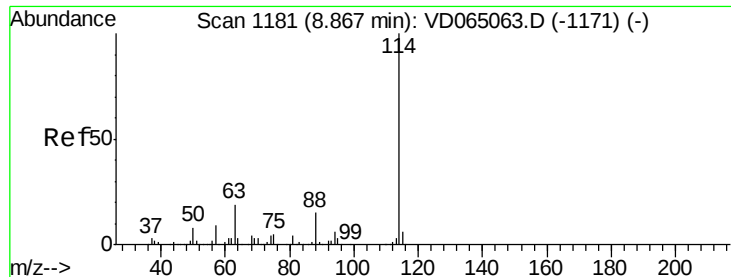
65 100

67 51.9 0.0 105.8



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

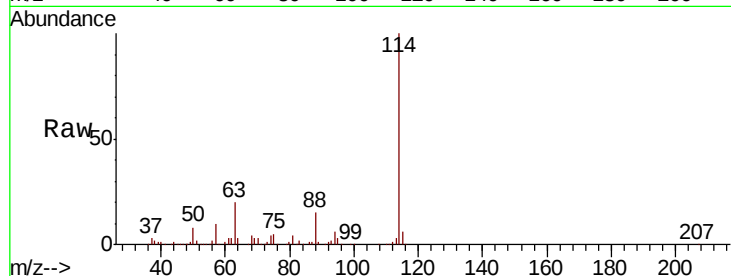




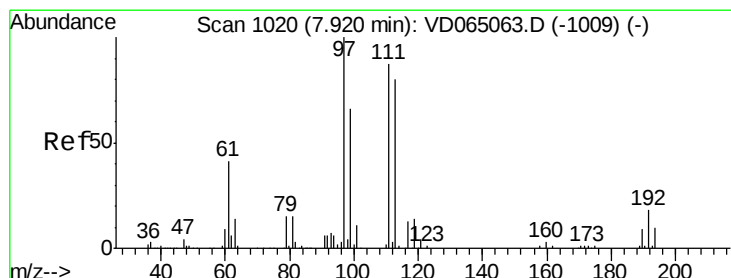
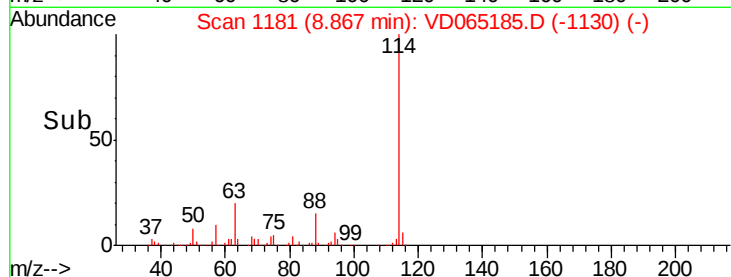
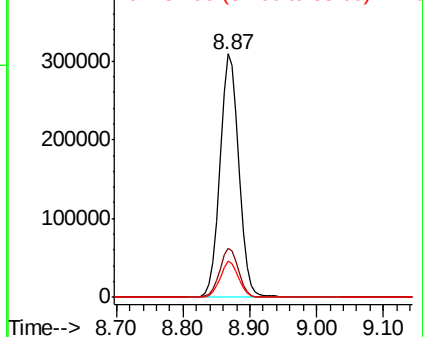
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065185.D
 Acq: 14 Feb 2020 11:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.8
88	14.9	0.0	29.6

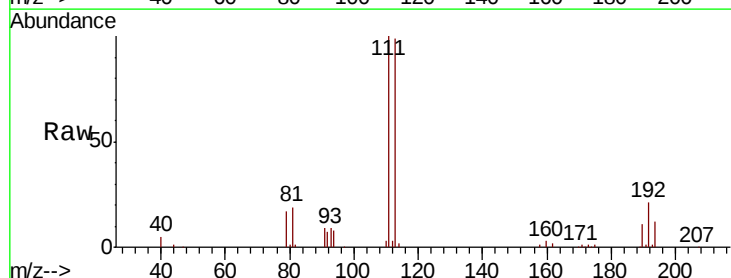


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

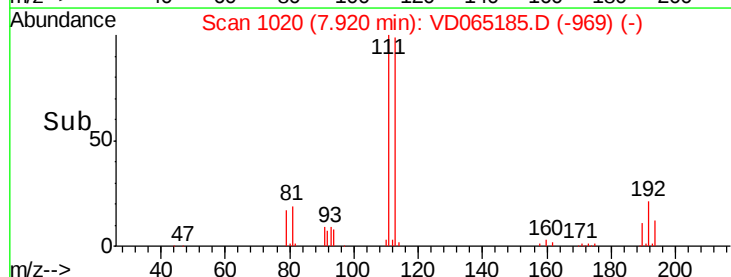
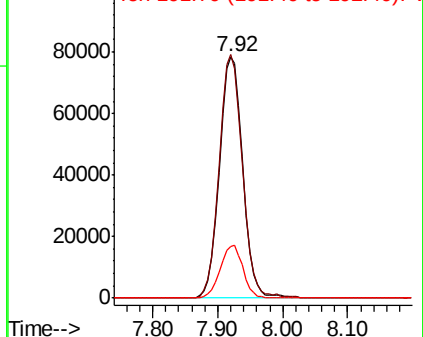


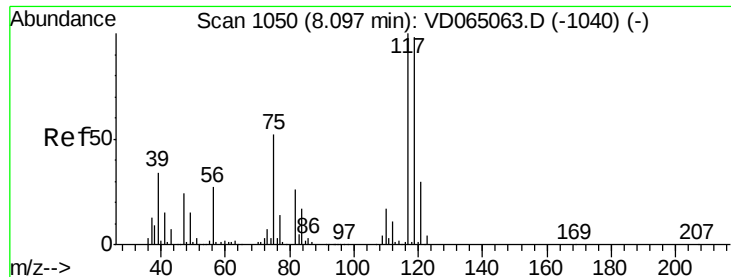
#35
 Dibromofluoromethane
 Concen: 56.117 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065185.D
 Acq: 14 Feb 2020 11:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.1	124.7
192	21.3	18.1	27.1



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





#38

Carbon Tetrachloride

Concen: 6.164 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065185.D

Acq: 14 Feb 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

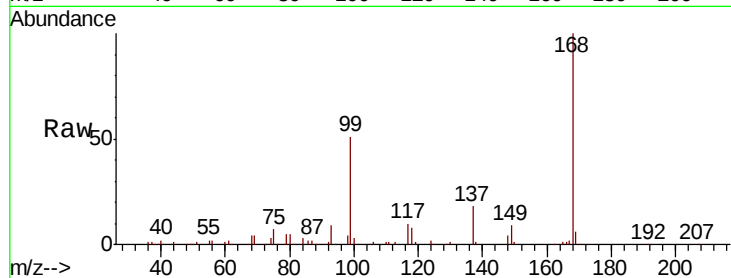
Tot Ion:117 Resp: 36295

Ion Ratio Lower Upper

117 100

119 5.9 78.5 117.7#

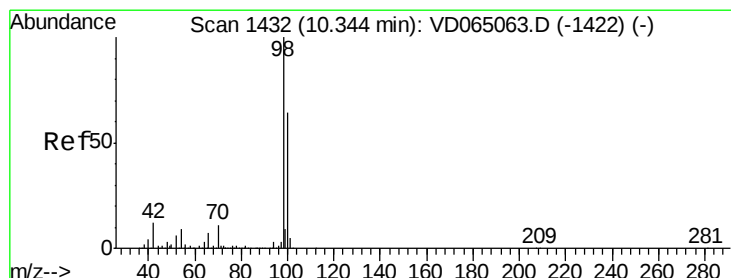
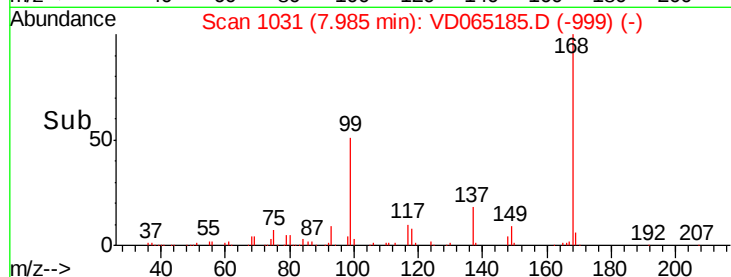
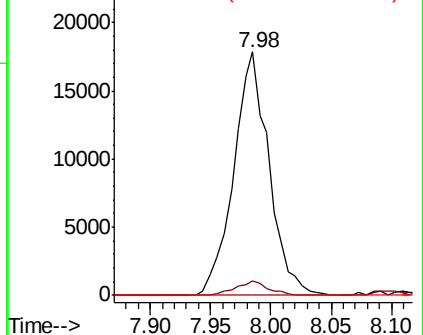
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.613 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065185.D

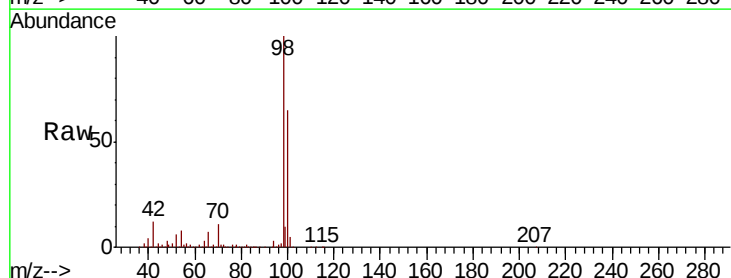
Acq: 14 Feb 2020 11:41

Tgt Ion: 98 Resp: 683161

Ion Ratio Lower Upper

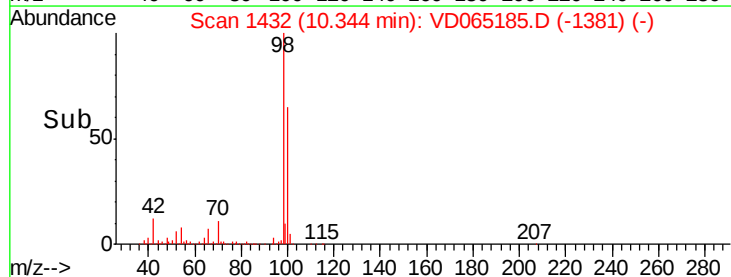
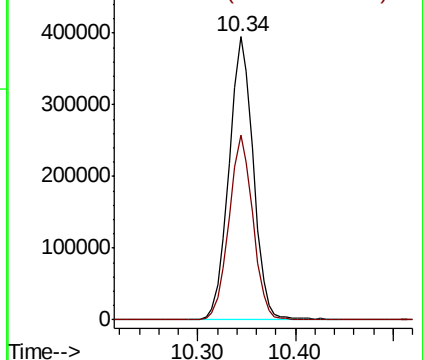
98 100

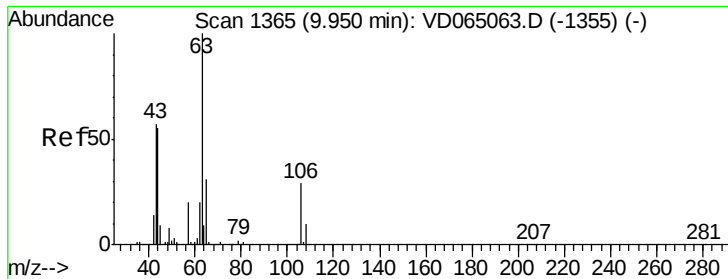
100 64.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

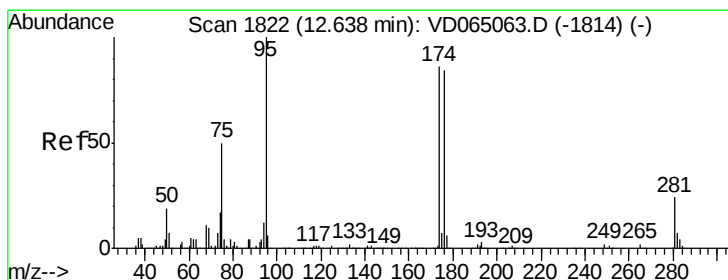
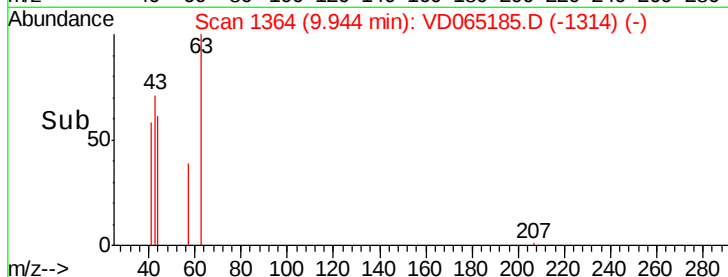
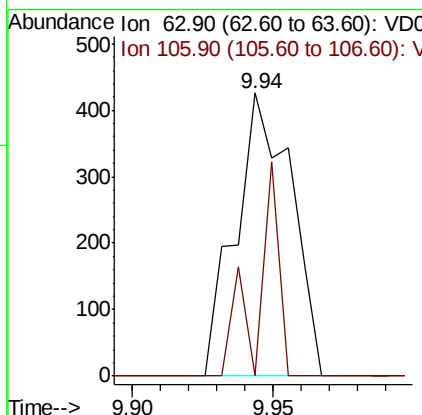
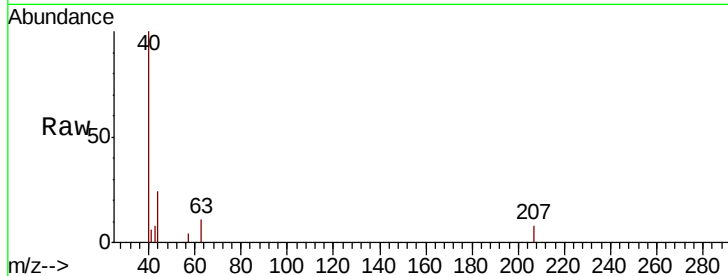




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.94 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VD065185.D
Acq: 14 Feb 2020 11:41

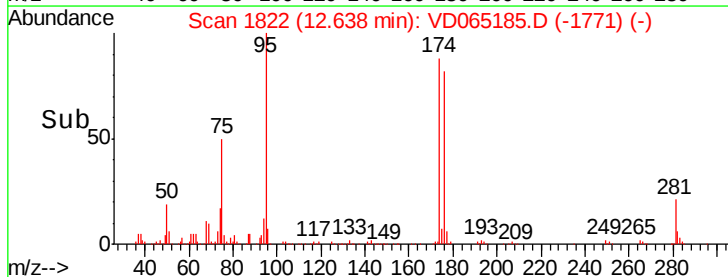
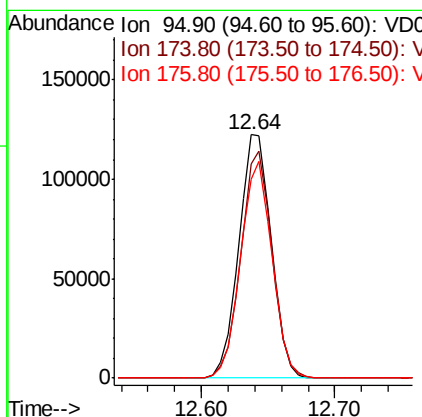
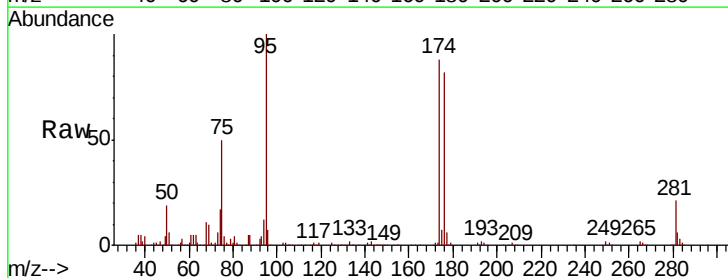
Instrument :
MSVOA_D
ClientSampled :

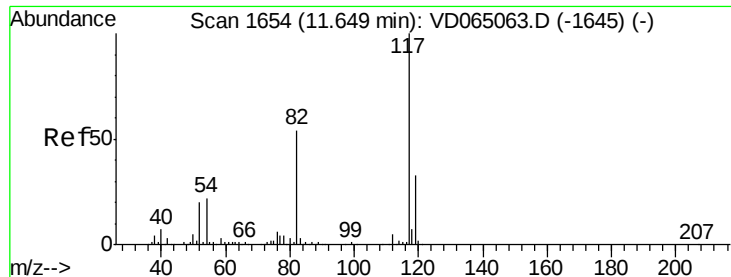
Tot Ion: 63 Resp: 583
Ion Ratio Lower Upper
63 100
106 29.5 23.3 34.9



#62
4-Bromofluorobenzene
Concen: 47.025 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065185.D
Acq: 14 Feb 2020 11:41

Tgt Ion: 95 Resp: 205175
Ion Ratio Lower Upper
95 100
174 89.5 0.0 180.0
176 86.6 0.0 173.2

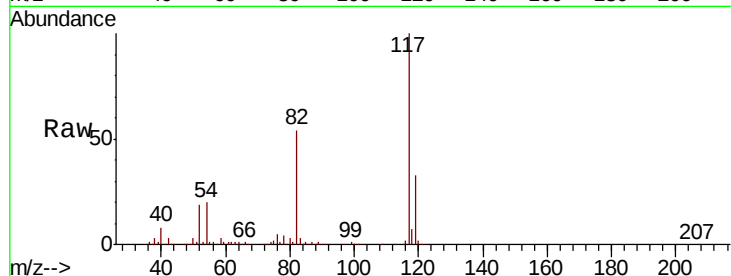




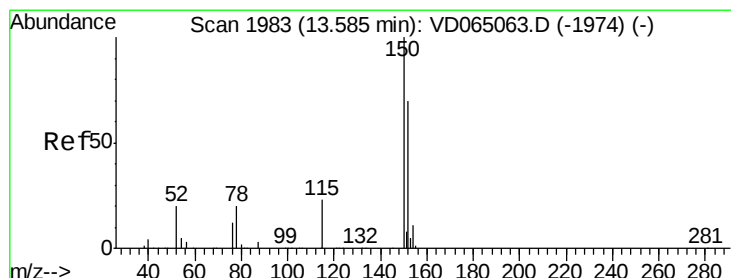
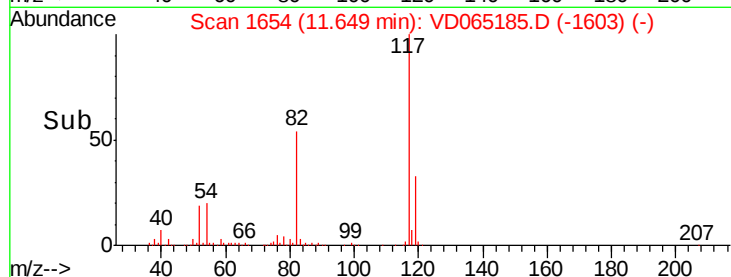
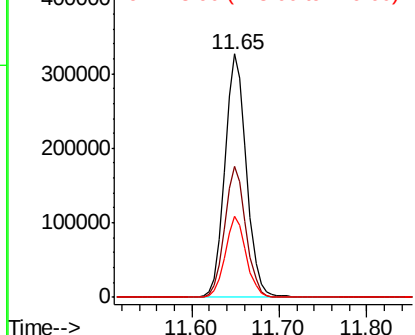
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065185.D
Acq: 14 Feb 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.1	64.7
119	33.2	26.0	39.0

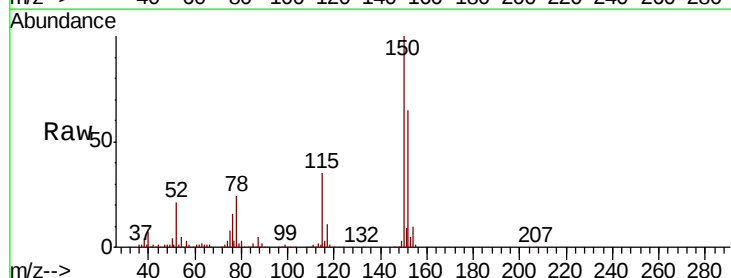


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

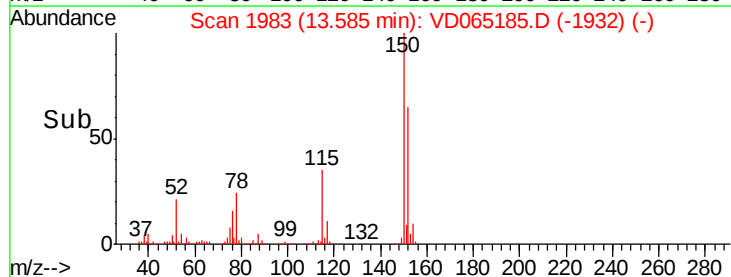
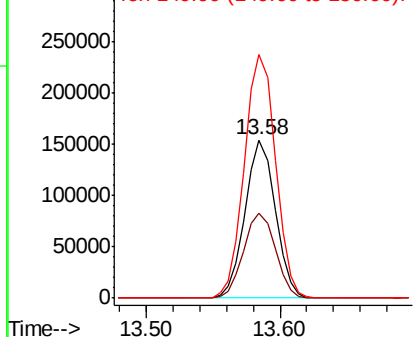


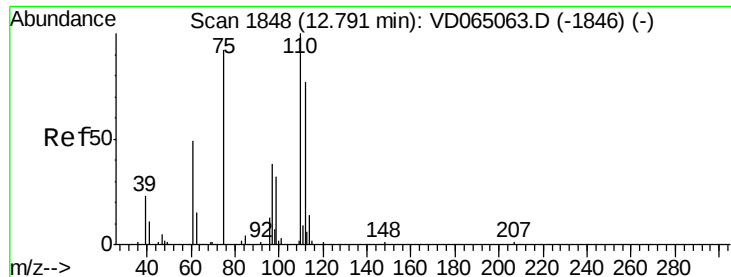
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065185.D
Acq: 14 Feb 2020 11:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.5	82.4
150	158.2	0.0	343.2



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: 56.766 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065185.D

Acq: 14 Feb 2020 11:41

Instrument :

MSVOA_D

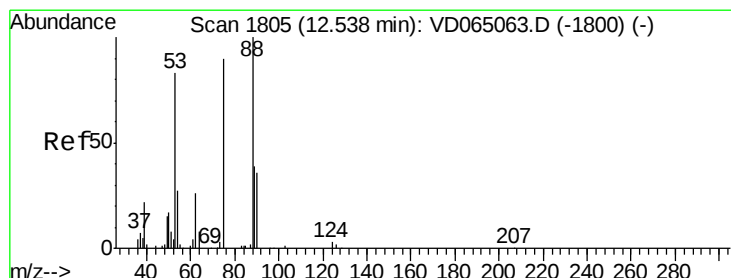
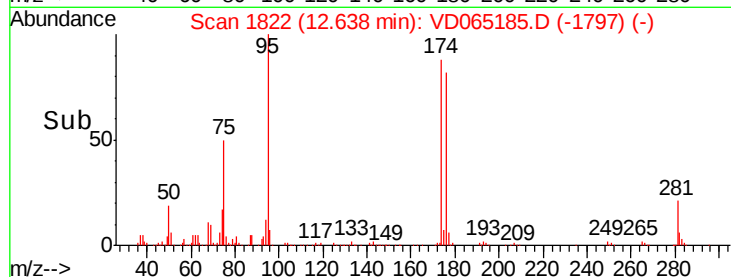
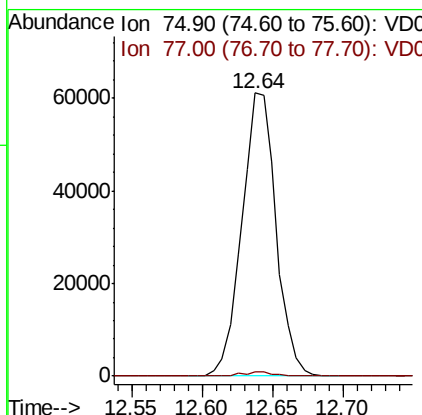
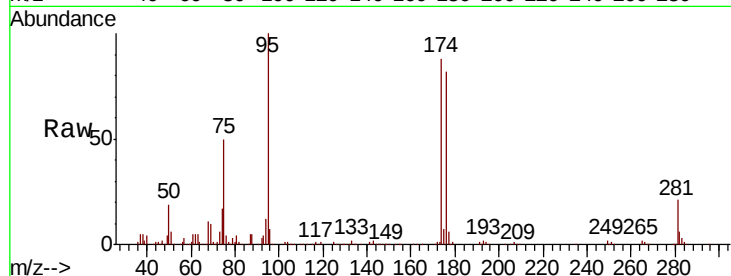
ClientSampleId :

Tot Ion: 75 Resp: 103790

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.528 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065185.D

Acq: 14 Feb 2020 11:41

Tgt Ion: 75 Resp: 103790

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.1 37.0 55.4#

