

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067545.D
 Acq On : 06 Nov 2020 11:01
 Operator : VA/SY
 Sample : VD1106SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBL01

Quant Time: Nov 06 23:28:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	317414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	506637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	252959	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	156763	56.48	ug/l	0.00
Spiked Amount						
			Recovery	=	112.96%	
35) Dibromofluoromethane	7.92	113	158378	51.89	ug/l	0.00
Spiked Amount						
			Recovery	=	103.78%	
50) Toluene-d8	10.34	98	587218	54.74	ug/l	0.00
Spiked Amount						
			Recovery	=	109.48%	
62) 4-Bromofluorobenzene	12.64	95	219673	59.32	ug/l	0.00
Spiked Amount						
			Recovery	=	118.64%	

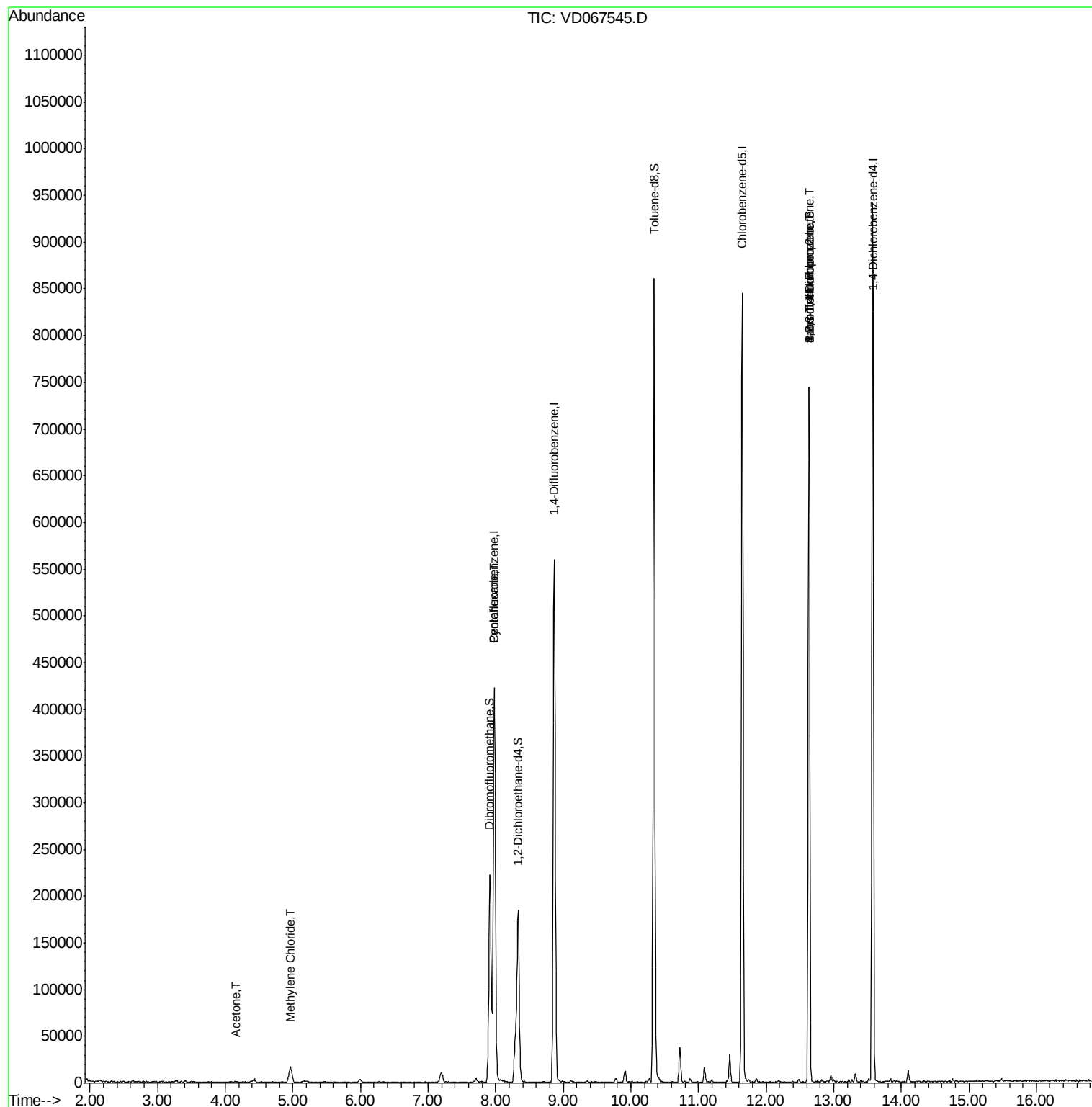
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	724	Below Cal		88
11) Tert butyl alcohol	5.23	59	94	Below Cal	#	79
16) Acetone	4.16	43	819	1.972	ug/l #	43
20) Methylene Chloride	4.97	84	13894	4.736	ug/l	91
31) Cyclohexane	7.98	56	6689	1.662	ug/l #	22
71) Bromoform	12.63	173	1961	1.003	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	116955	76.642	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	116955	155.603	ug/l #	10

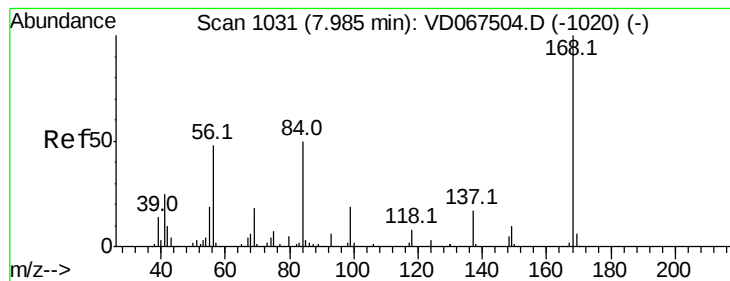
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110620\
Data File : VD067545.D
Acq On : 06 Nov 2020 11:01
Operator : VA/SY
Sample : VD1106SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBL01

Quant Time: Nov 06 23:28:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

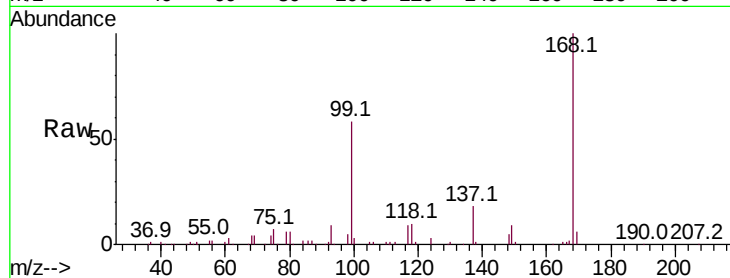
VD1106SBL01

Tot Ion:168 Resp: 317414

Ion Ratio Lower Upper

168 100

99 57.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

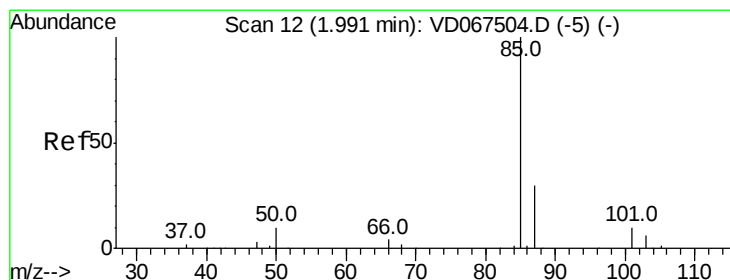
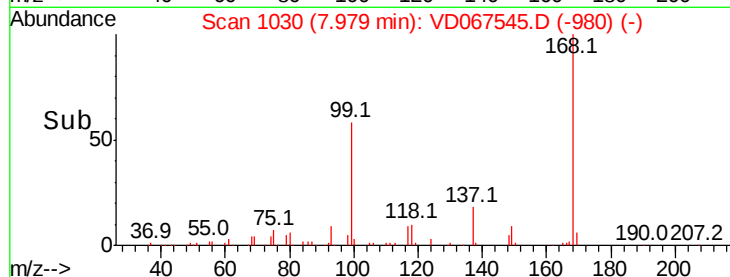
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067545.D

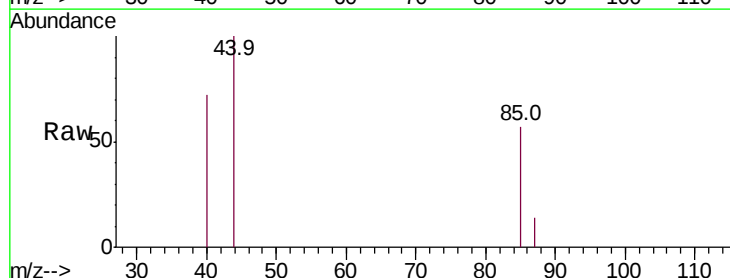
Acq: 06 Nov 2020 11:01

Tgt Ion: 85 Resp: 724

Ion Ratio Lower Upper

85 100

87 24.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

800

600

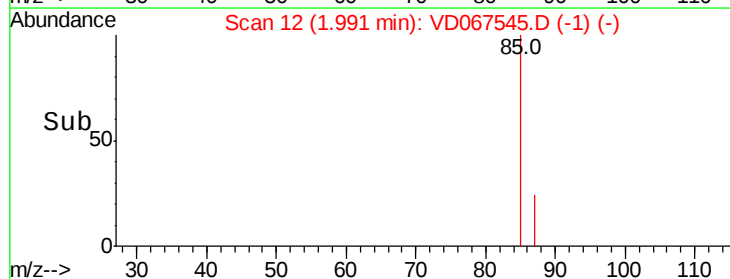
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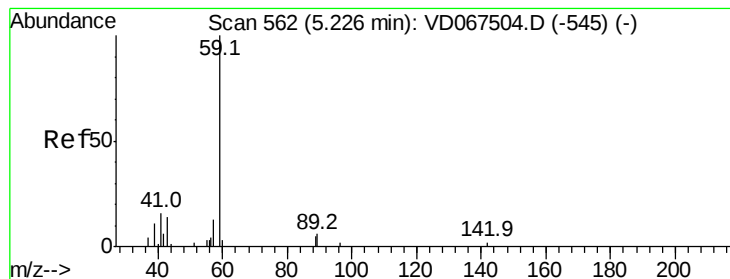
200

0

Time-->

1.94 1.96 1.98 2.00 2.02



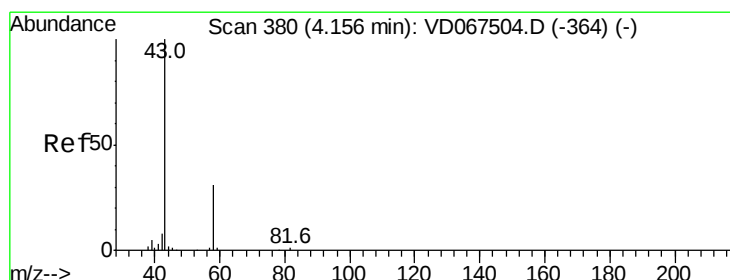
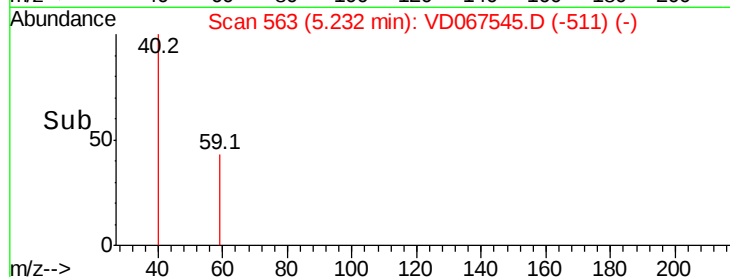
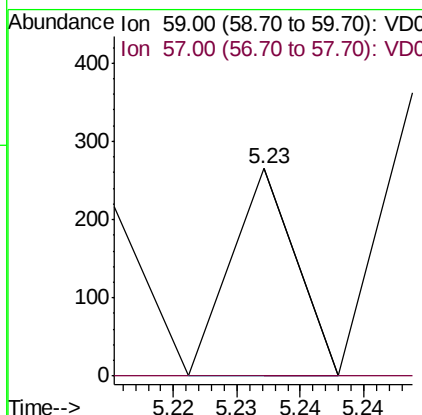
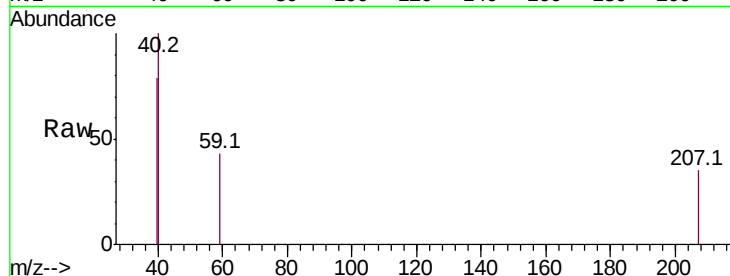


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VD067545.D
 Acq: 06 Nov 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBL01

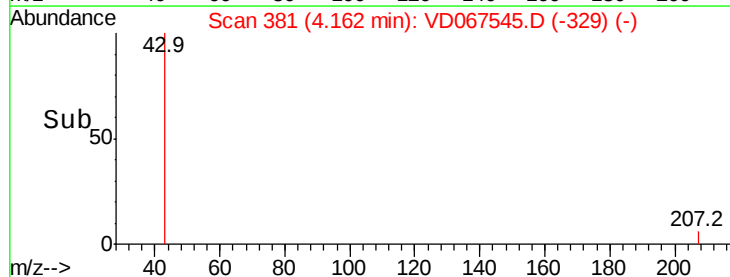
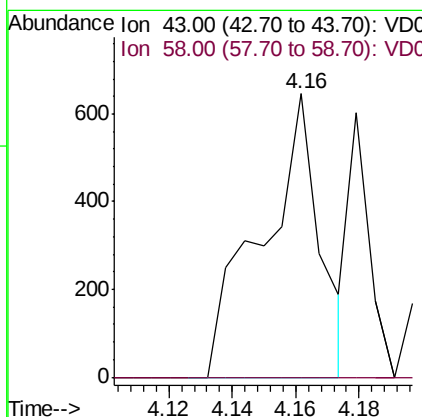
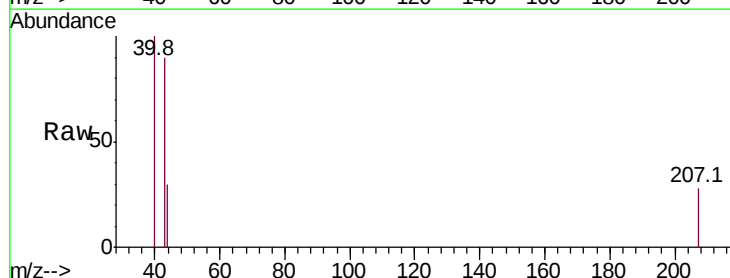
Tot Ion: 59 Resp: 94
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

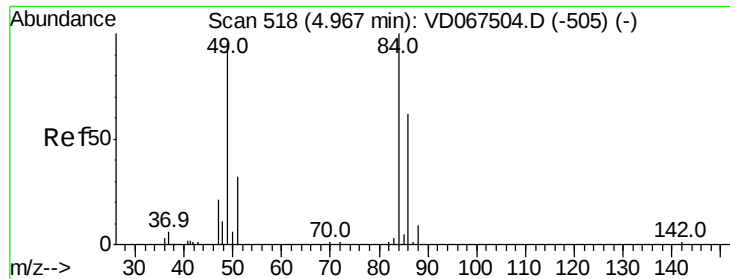


#16

Acetone
 Concen: 1.972 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD067545.D
 Acq: 06 Nov 2020 11:01

Tgt Ion: 43 Resp: 819
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.2 37.8#

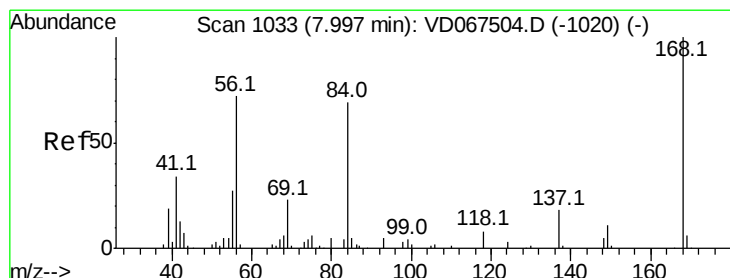
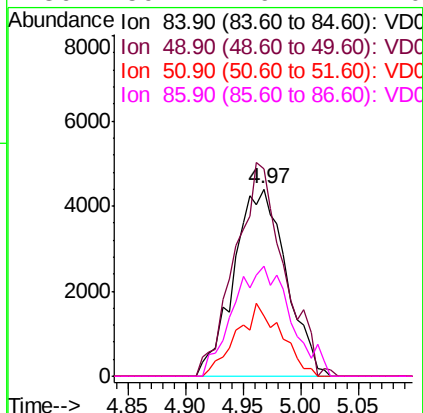
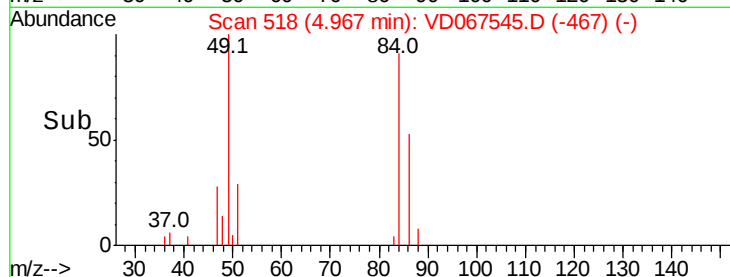
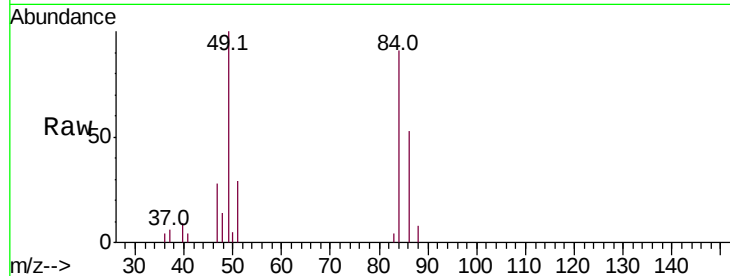




#20
Methvlene Chloride
Concen: 4.736 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067545.D
Acq: 06 Nov 2020 11:01

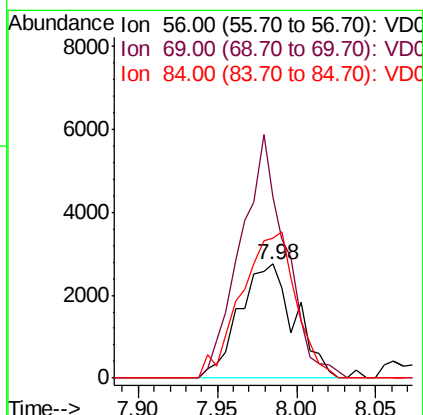
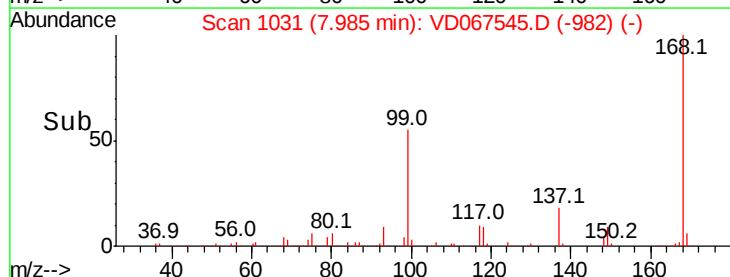
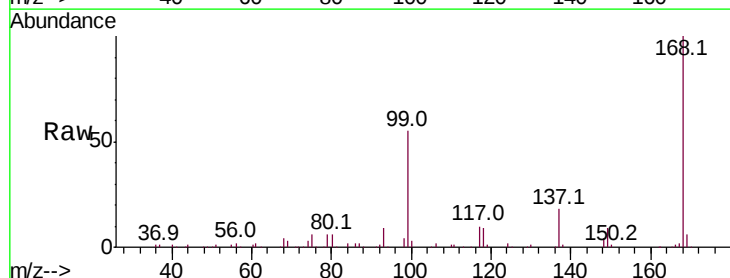
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBL01

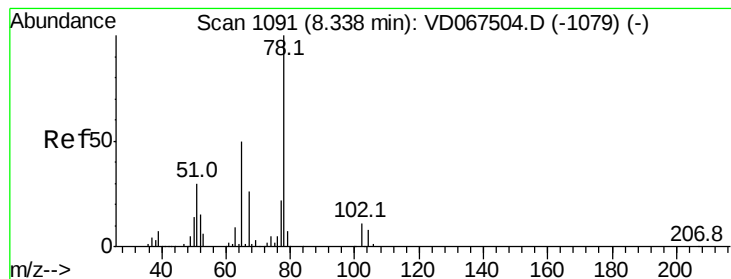
Tot Ion:	84	Resp:	13894
Ion	Ratio	Lower	Upper
84	100		
49	110.5	77.0	115.4
51	32.3	25.4	38.2
86	59.1	49.4	74.0



#31
Cyclohexane
Concen: 1.662 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067545.D
Acq: 06 Nov 2020 11:01

Tgt Ion:	56	Resp:	6689
Ion	Ratio	Lower	Upper
56	100		
69	158.0	25.9	38.9#
84	122.8	76.2	114.4#





#33

1,2-Dichloroethane-d4

Concen: 56.482 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

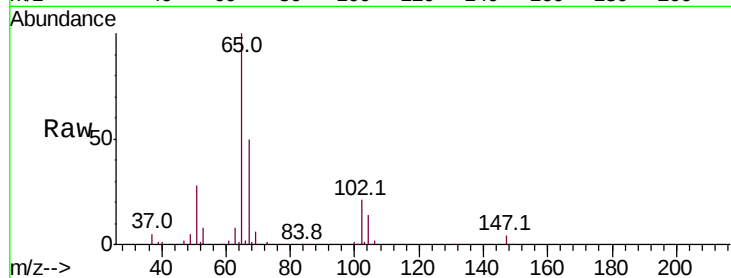
VD1106SBL01

Tot Ion: 65 Resp: 156763

Ion Ratio Lower Upper

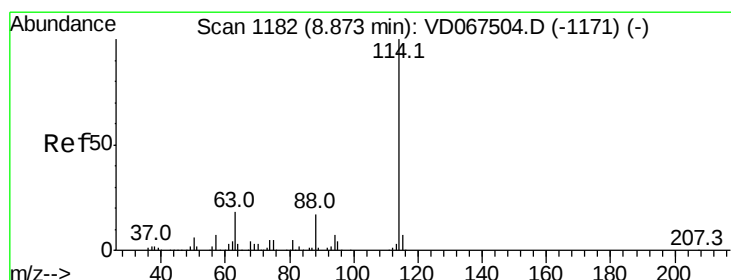
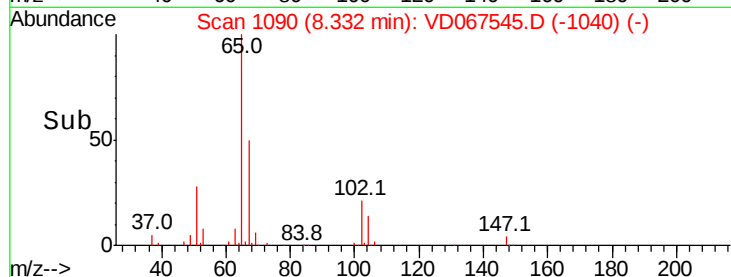
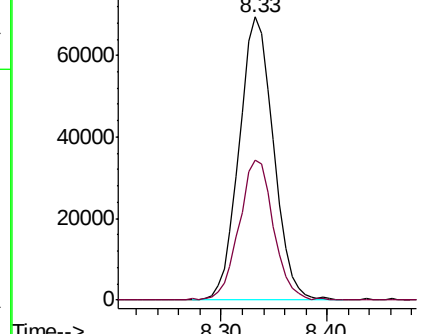
65 100

67 49.5 0.0 99.4



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. -0.01 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

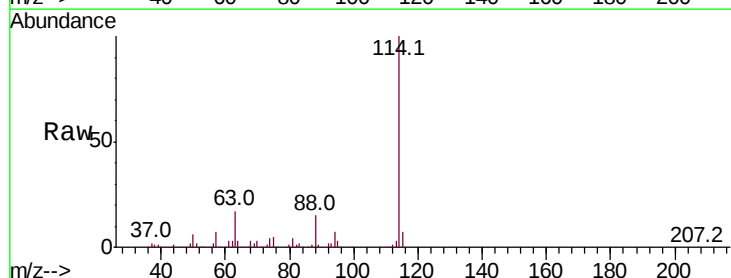
Tgt Ion: 114 Resp: 506637

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

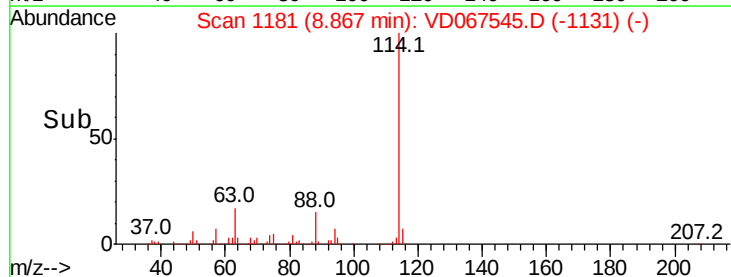
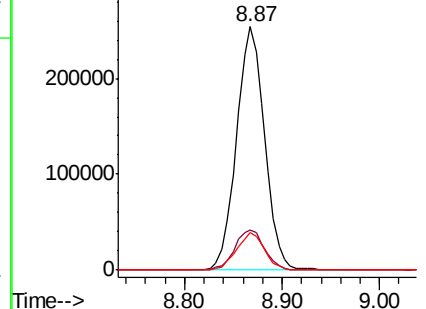
88 15.3 0.0 33.0

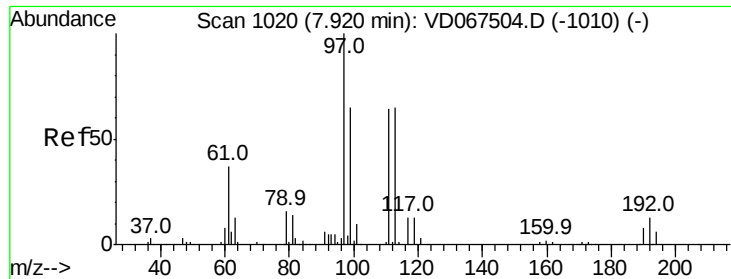


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

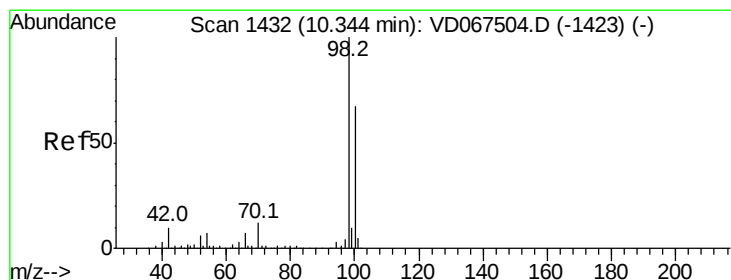
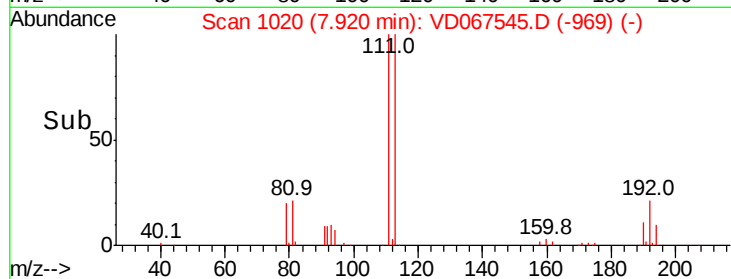
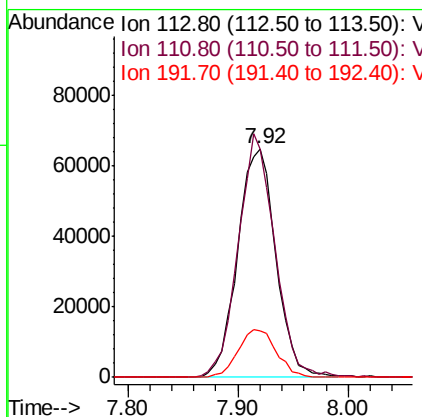
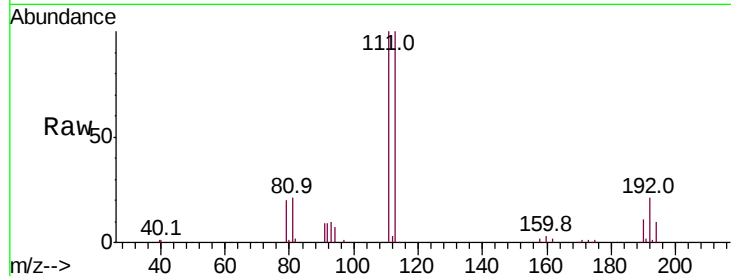




#35
 Dibromofluoromethane
 Concen: 51.885 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067545.D
 Acq: 06 Nov 2020 11:01

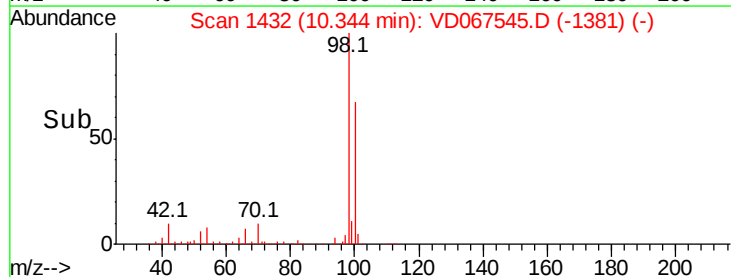
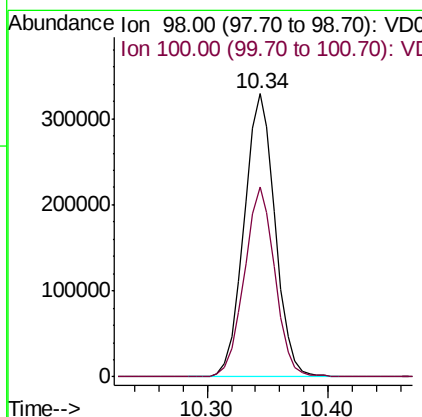
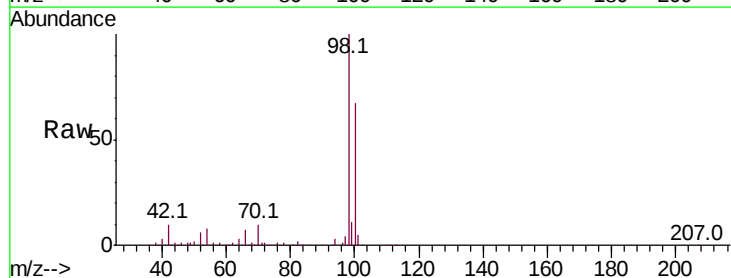
Instrument :
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 VD1106SBL01

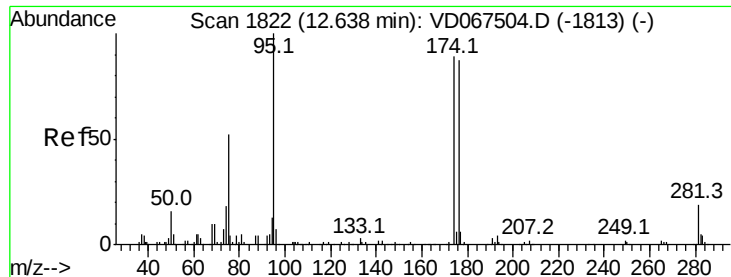
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.0	120.0
192	21.1	16.3	24.5



#50
 Toluene-d8
 Concen: 54.741 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067545.D
 Acq: 06 Nov 2020 11:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6

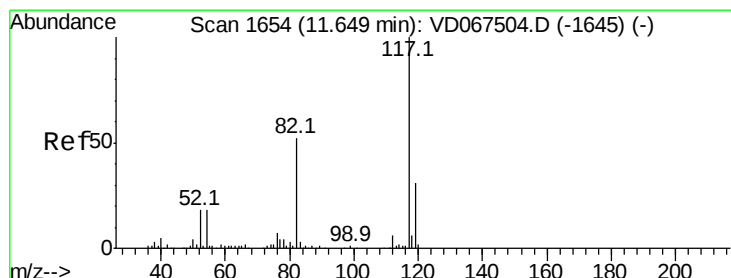
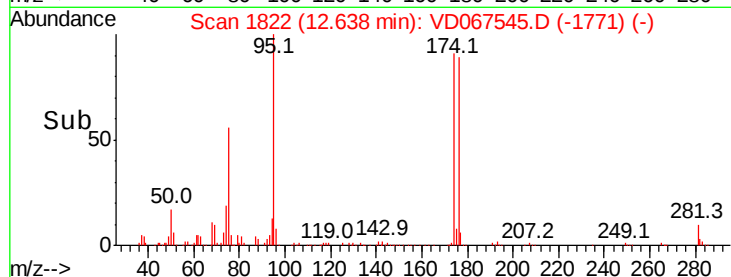
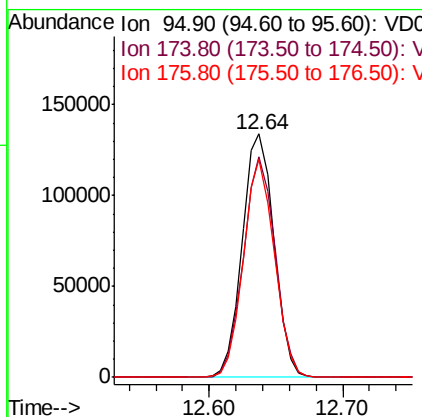
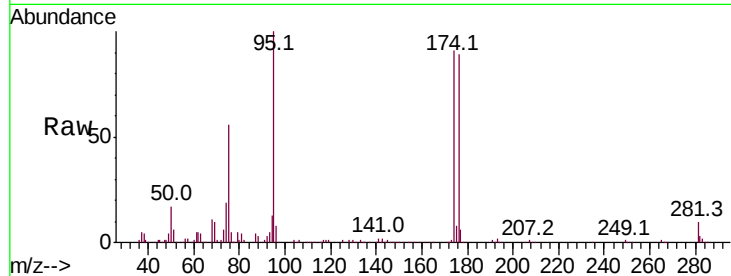




#62
4-Bromofluorobenzene
Concen: 59.315 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067545.D
Acq: 06 Nov 2020 11:01

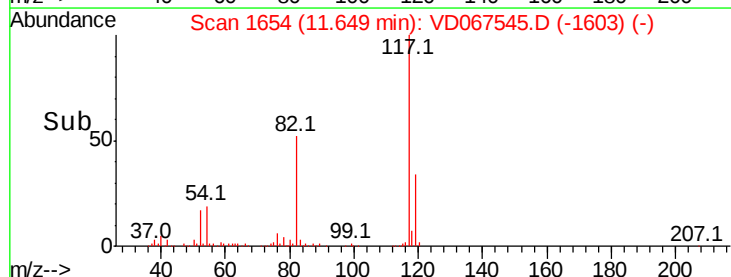
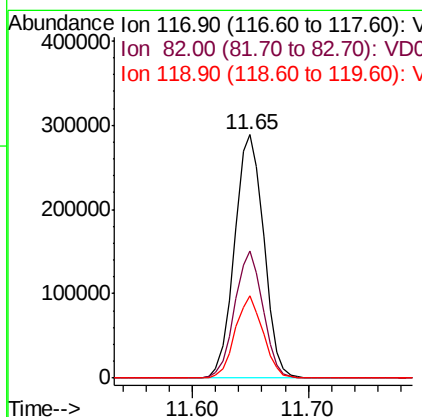
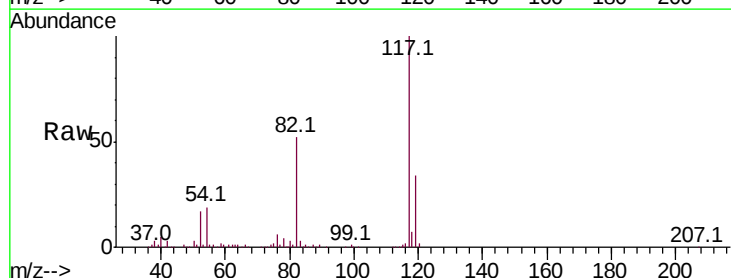
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBL01

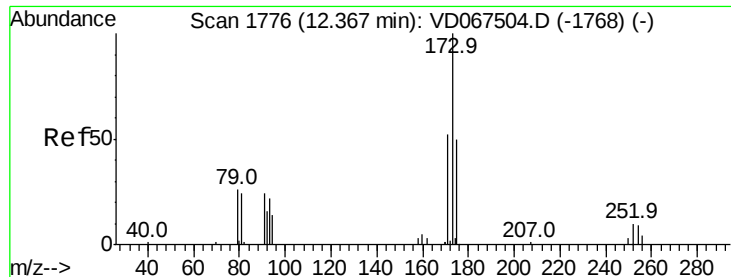
Tot Ion: 95 Resp: 219673
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.8
176 87.3 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067545.D
Acq: 06 Nov 2020 11:01

Tgt Ion: 117 Resp: 505038
Ion Ratio Lower Upper
117 100
82 52.3 41.6 62.4
119 33.8 25.1 37.7





#71

Bromoform

Concen: 1.003 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.26 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBL01

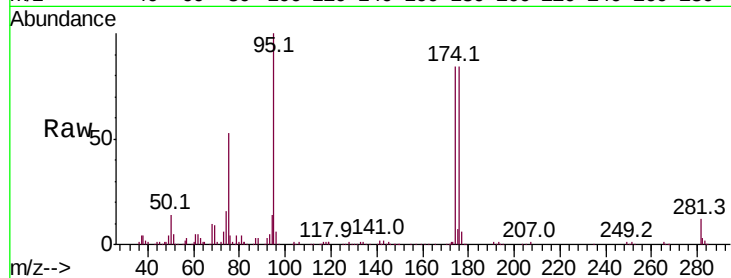
Tot Ion:173 Resp: 1961

Ion Ratio Lower Upper

173 100

175 666.9 24.1 72.2#

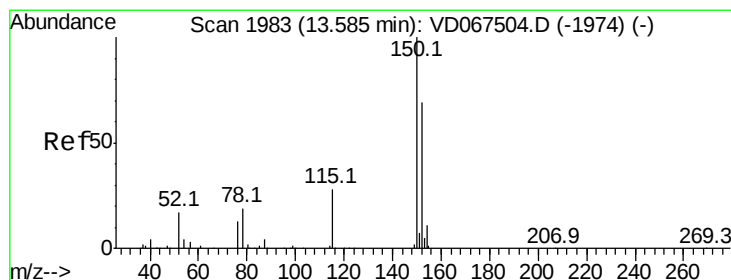
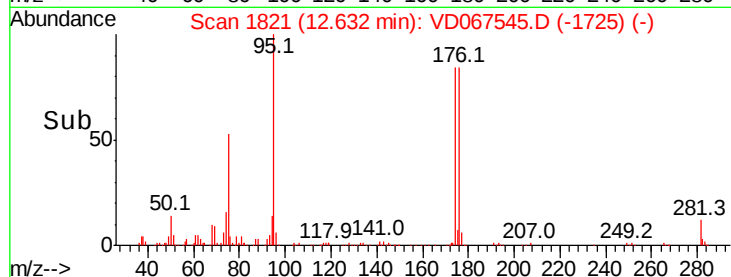
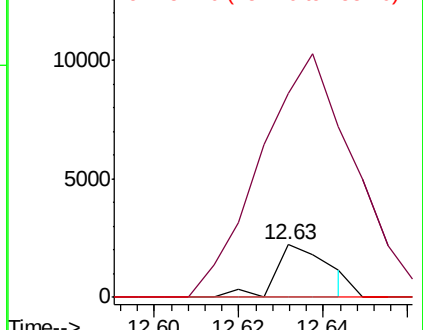
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

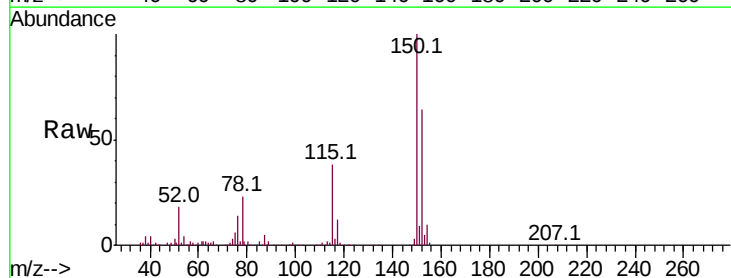
Tgt Ion:152 Resp: 252959

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

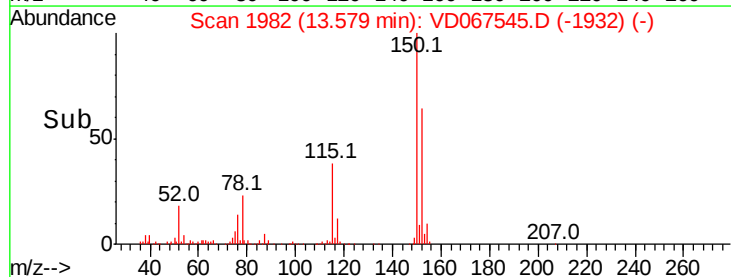
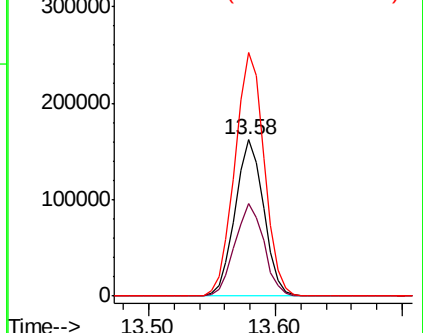
150 159.8 0.0 338.2

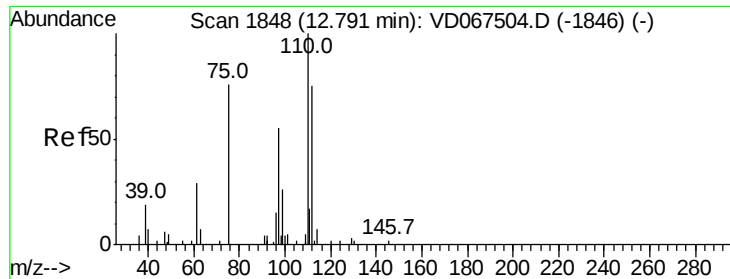


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 76.642 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

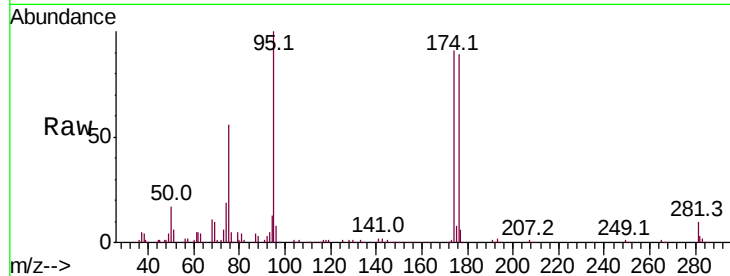
VD1106SBL01

Tot Ion: 75 Resp: 116955

Ion Ratio Lower Upper

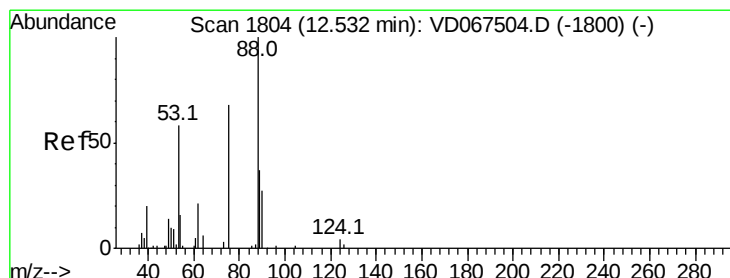
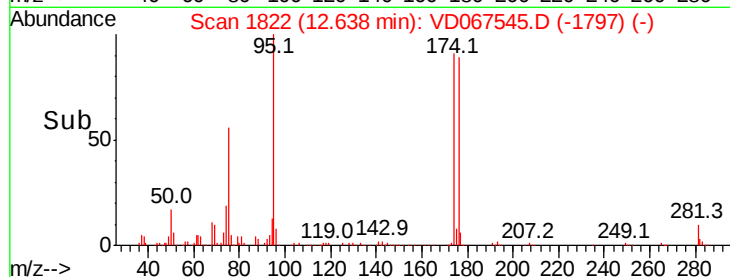
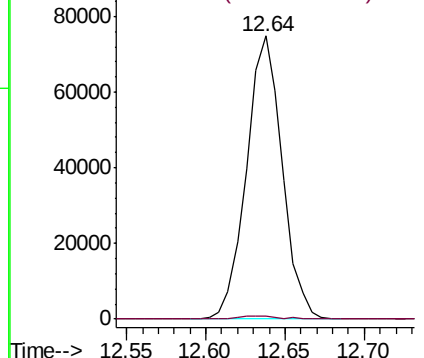
75 100

77 1.1 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: 155.603 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

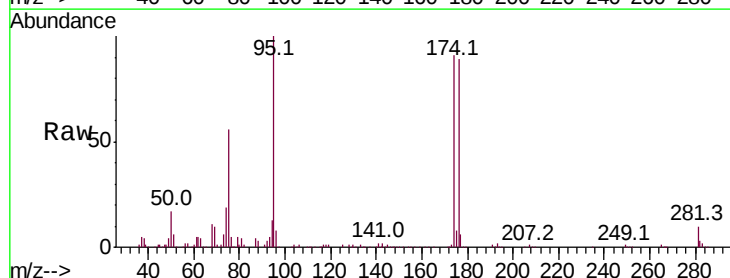
Tgt Ion: 75 Resp: 116955

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.1 44.6 67.0#



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

