

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067333.D
 Acq On : 20 Oct 2020 19:25
 Operator : VA/SY
 Sample : L4475-02
 Misc : 10.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-2-0.5-1.0

Quant Time: Oct 21 01:51:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	295062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	515089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	524953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270004	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	162637	55.02	ug/l	0.00
Spiked Amount			Recovery	=	110.04%	
35) Dibromofluoromethane	7.91	113	167296	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	10.34	98	613229	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.64	95	235956	54.70	ug/l	0.00
Spiked Amount			Recovery	=	109.40%	

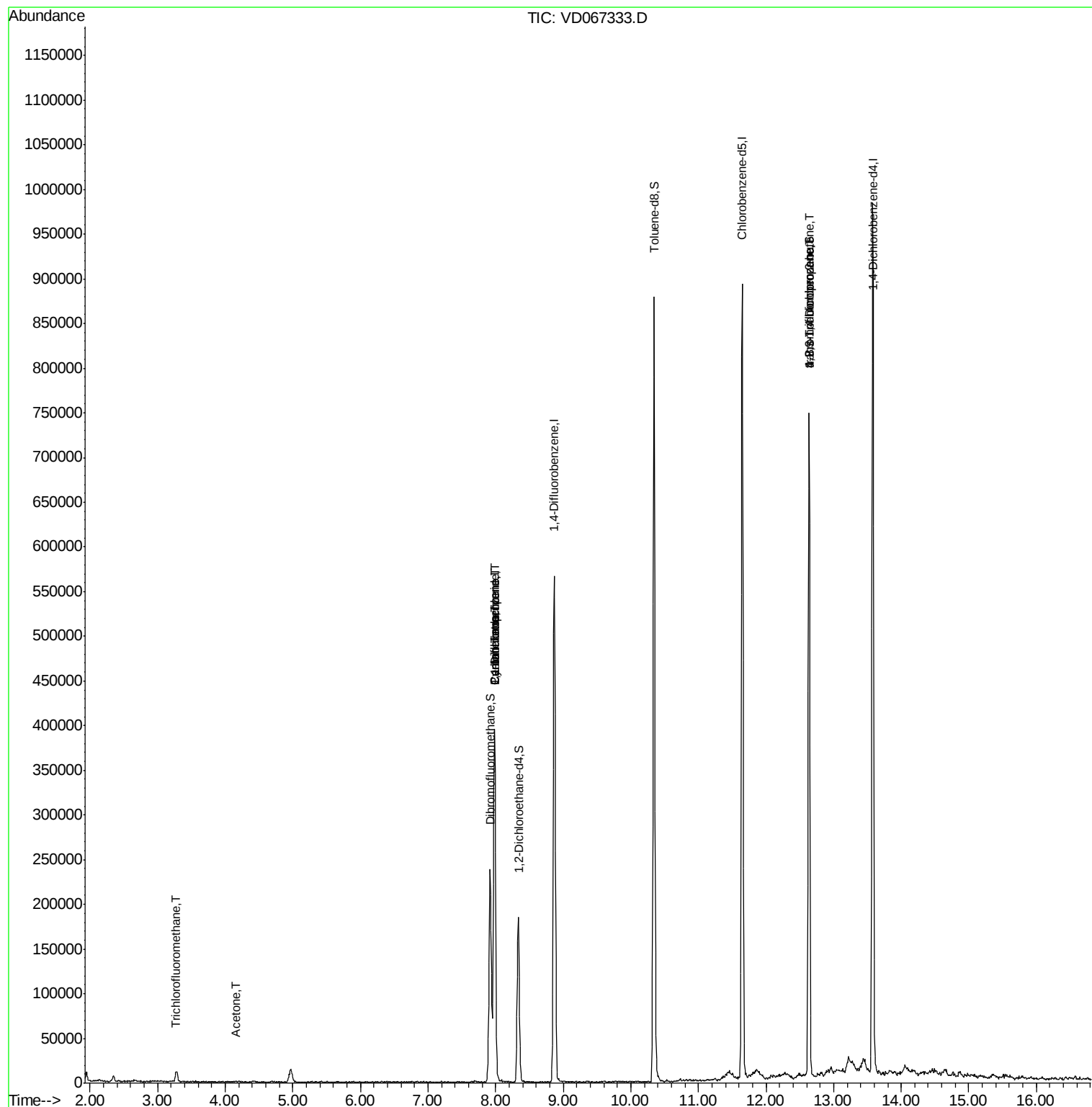
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	122	Below Cal	#	44
7) Trichlorofluoromethane	3.27	101	12559	2.448	ug/l	83
16) Acetone	4.16	43	1446	3.493	ug/l #	42
20) Methylene Chloride	4.97	84	11791	Below Cal	#	88
31) Cyclohexane	7.98	56	7003	2.057	ug/l #	45
36) 1,1-Dichloropropene	7.98	75	20971	4.804	ug/l #	49
38) Carbon Tetrachloride	7.98	117	30292	5.429	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	118655	63.405	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	118655	143.784	ug/l #	10

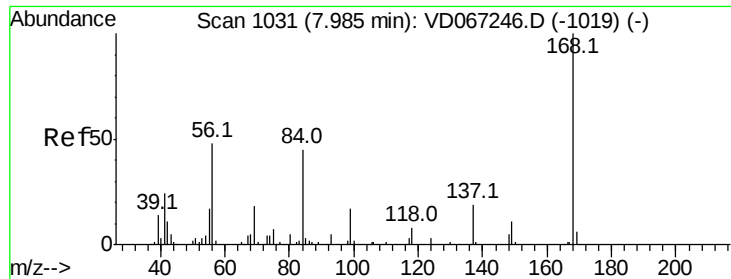
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 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: VD067333.D

Acq: 20 Oct 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

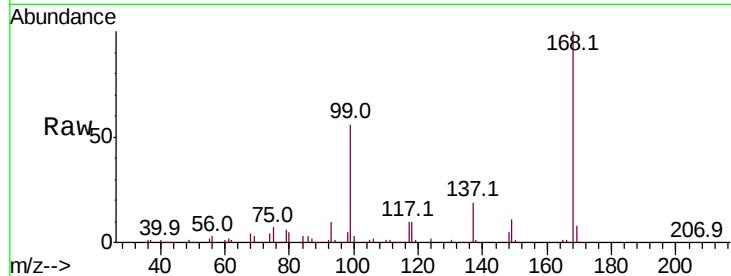
C-2-0.5-1.0

Tot Ion:168 Resp: 295062

Ion Ratio Lower Upper

168 100

99 56.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

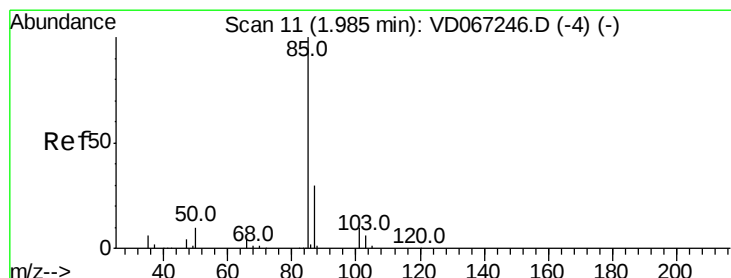
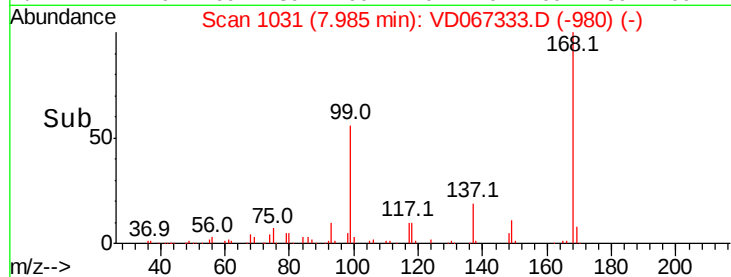
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067333.D

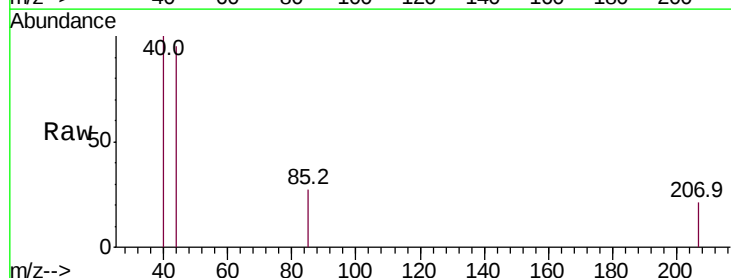
Acq: 20 Oct 2020 19:25

Tgt Ion: 85 Resp: 122

Ion Ratio Lower Upper

85 100

87 0.0 15.2 45.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

400

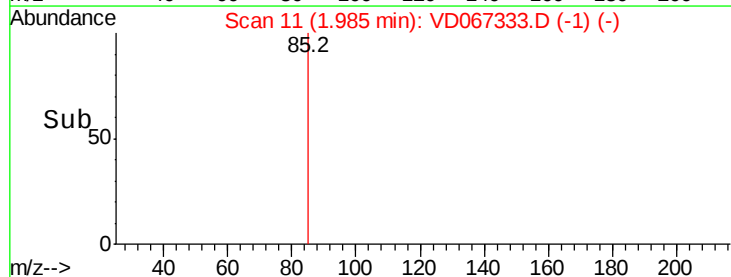
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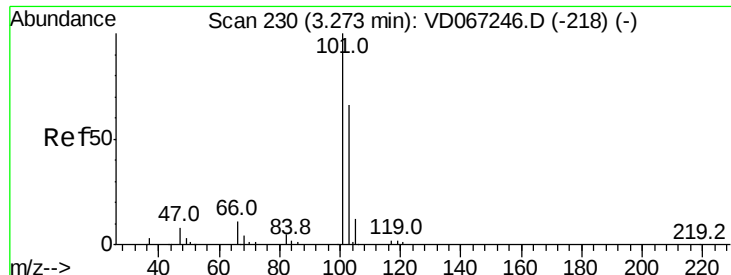
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100

0

Time-->



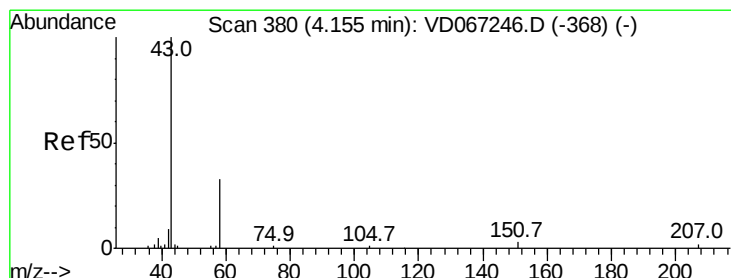
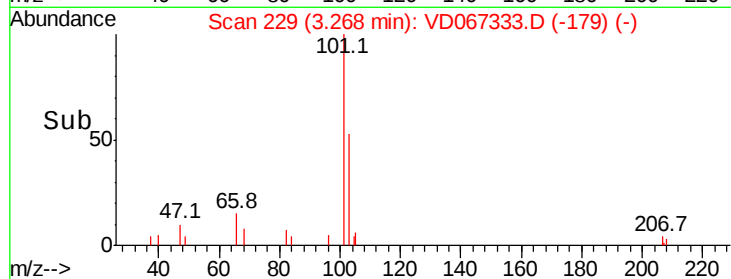
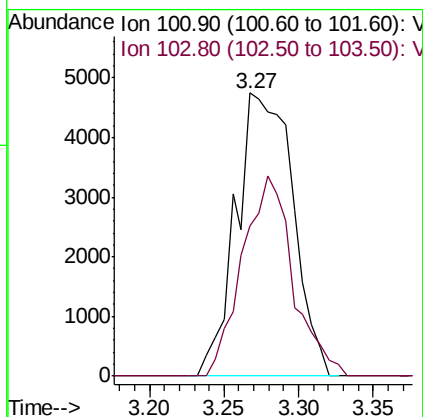
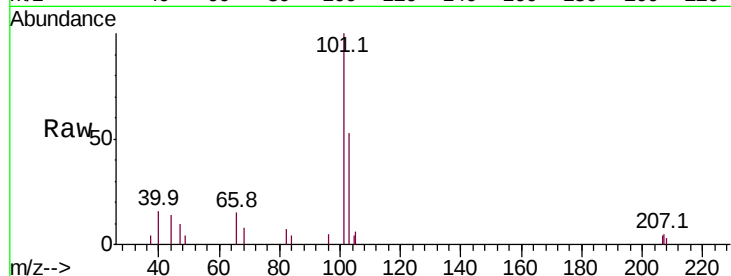


#7

Trichlorofluoromethane
 Concen: 2.448 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067333.D
 Acq: 20 Oct 2020 19:25

Instrument :
 MSVOA_D
 ClientSampleId :
 C-2-0.5-1.0

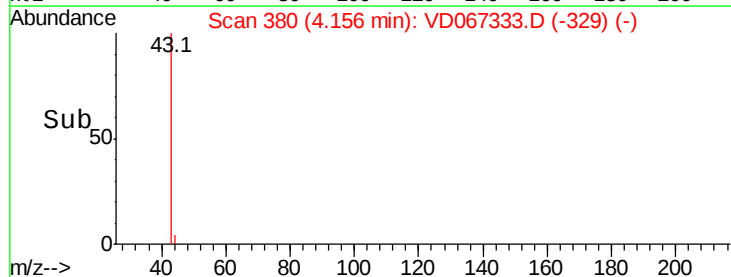
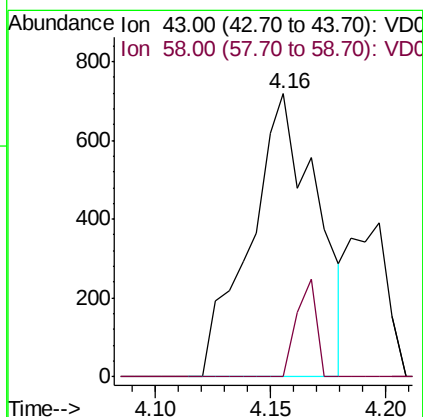
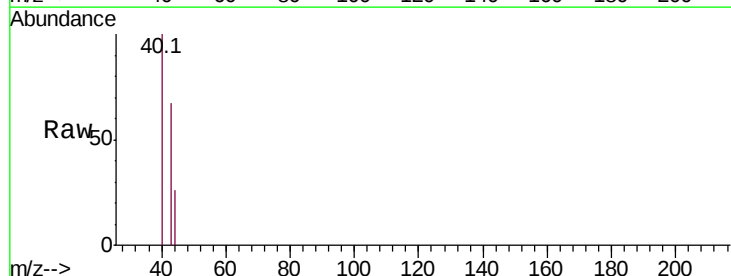
Tot Ion:101 Resp: 12559
 Ion Ratio Lower Upper
 101 100
 103 53.2 53.1 79.7

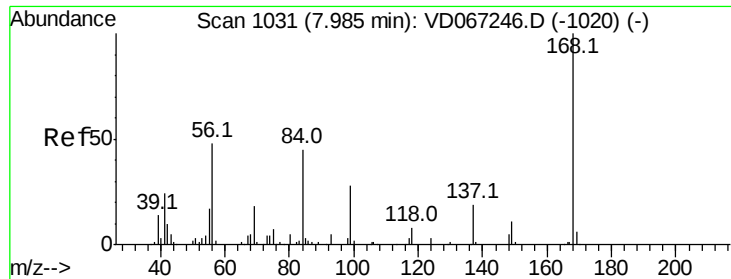


#16

Acetone
 Concen: 3.493 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VD067333.D
 Acq: 20 Oct 2020 19:25

Tgt Ion: 43 Resp: 1446
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.1 39.1#

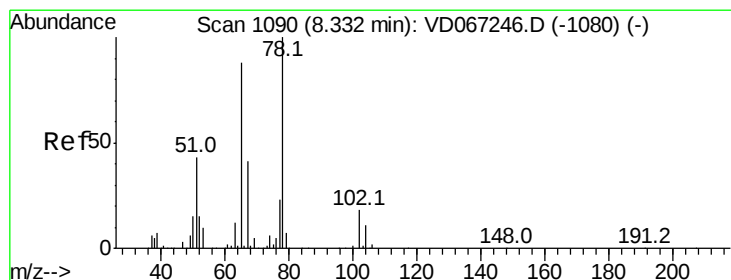
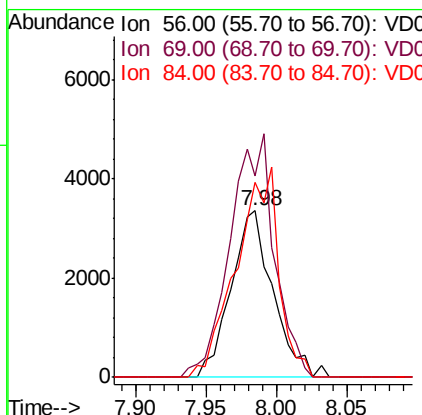
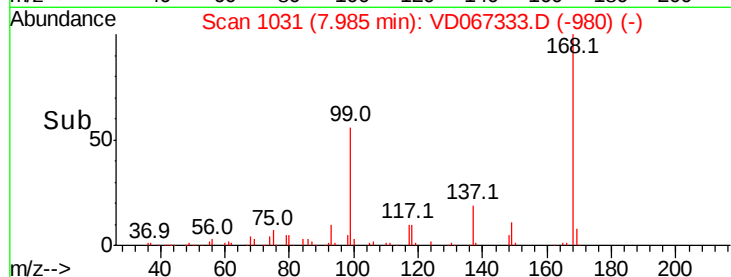
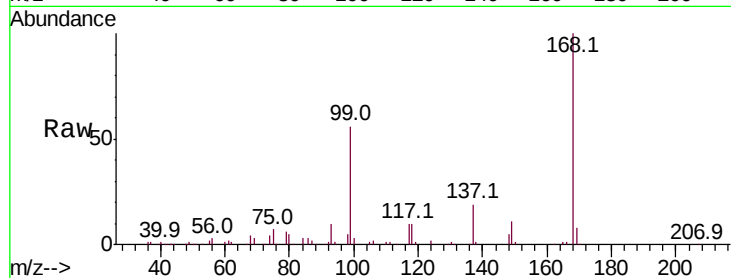




#31
Cyclohexane
Concen: 2.057 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067333.D
Acq: 20 Oct 2020 19:25

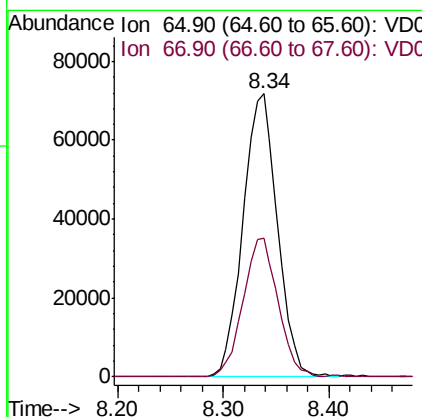
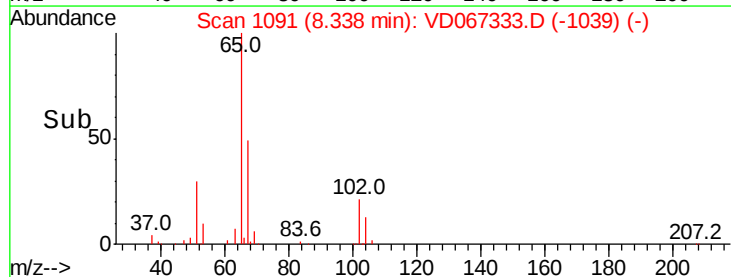
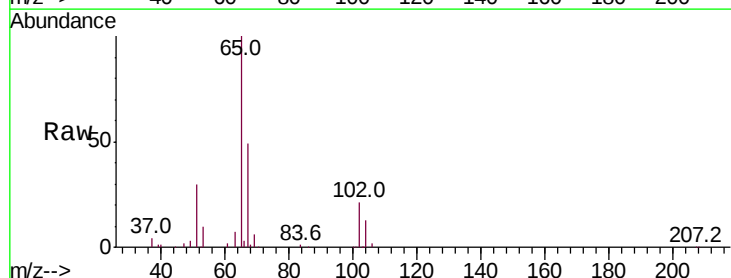
Instrument :
MSVOA_D
ClientSampleId :
C-2-0.5-1.0

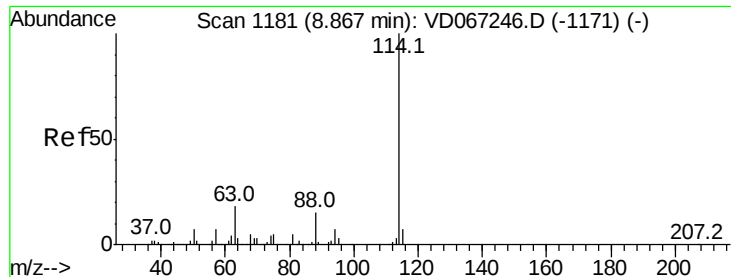
Tot Ion: 56 Resp: 7003
Ion Ratio Lower Upper
56 100
69 120.5 29.8 44.6#
84 117.0 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 55.018 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067333.D
Acq: 20 Oct 2020 19:25

Tgt Ion: 65 Resp: 162637
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.8

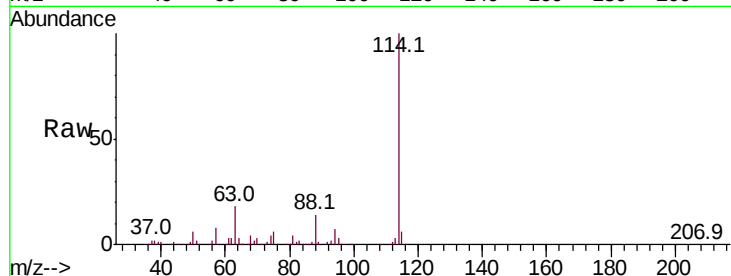




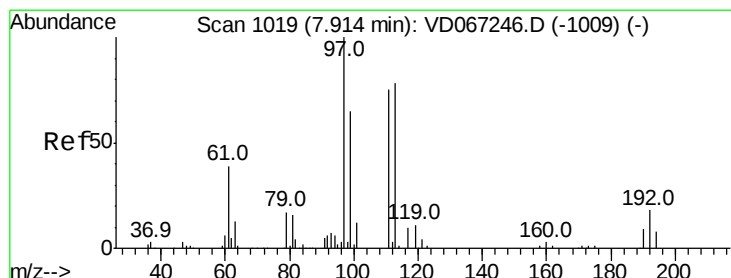
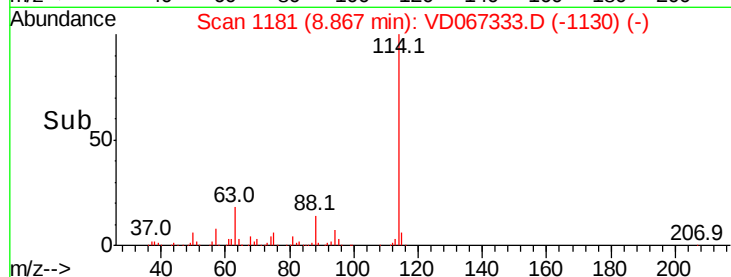
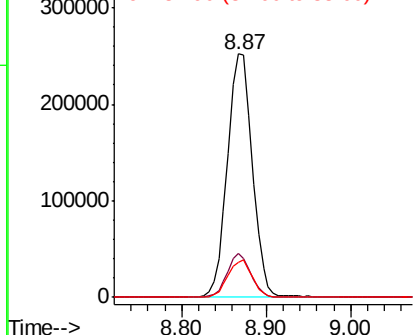
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067333.D
Acq: 20 Oct 2020 19:25

Instrument :
MSVOA_D
ClientSampleId :
C-2-0.5-1.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.0
88	14.4	0.0	30.6

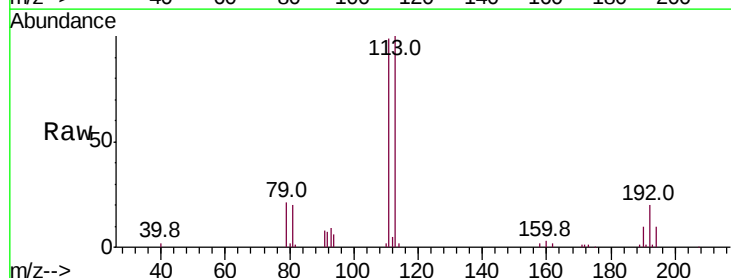


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

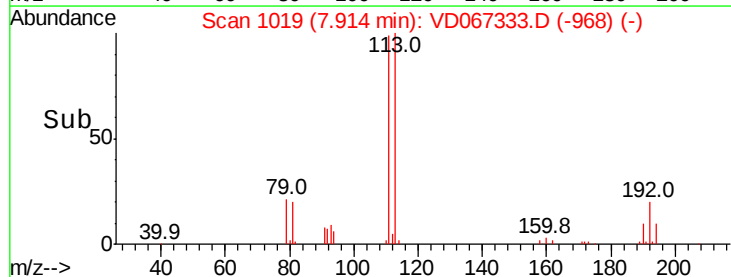
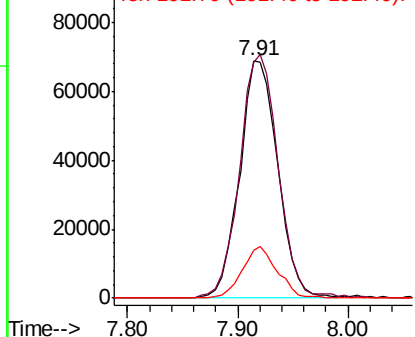


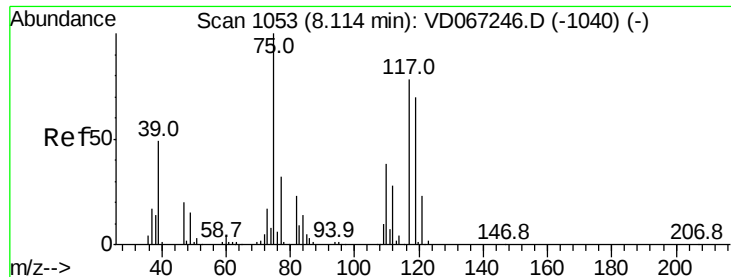
#35
Dibromofluoromethane
Concen: 48.804 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067333.D
Acq: 20 Oct 2020 19:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.6	122.4
192	20.0	17.0	25.4



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

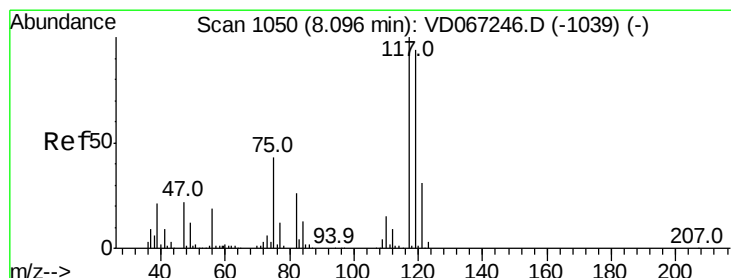
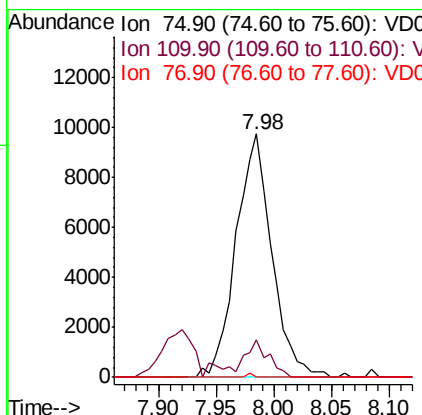
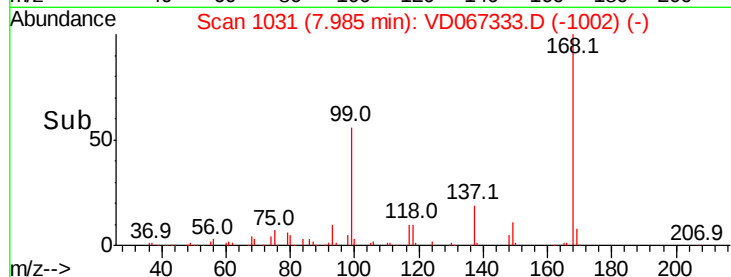
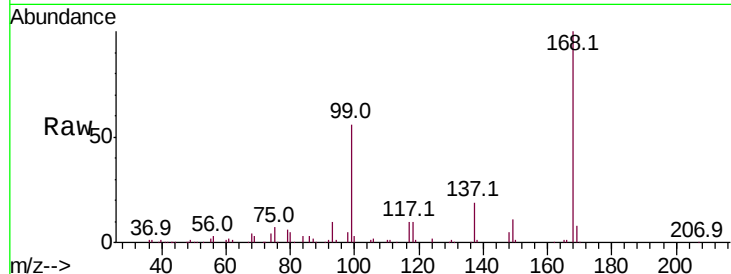




#36
 1,1-Dichloropropene
 Concen: 4.804 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD067333.D
 Acq: 20 Oct 2020 19:25

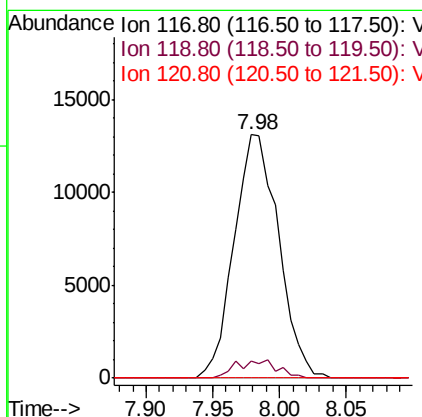
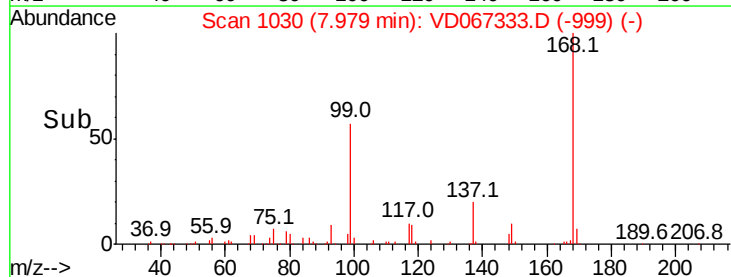
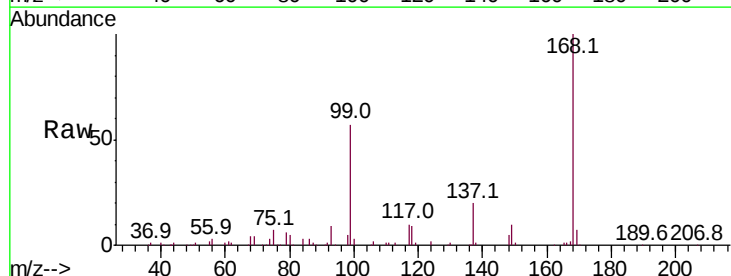
Instrument :
 MSVOA_D
 ClientSampleId :
 C-2-0.5-1.0

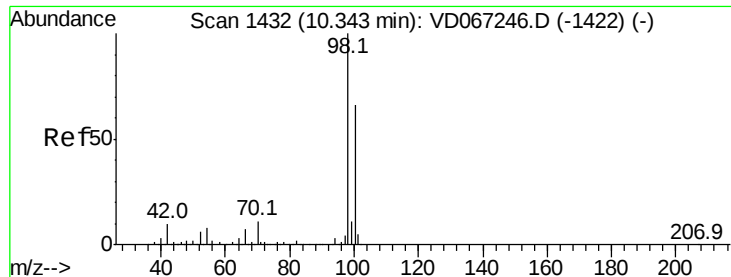
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.6	58.7#
77	0.3	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.429 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD067333.D
 Acq: 20 Oct 2020 19:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.0	75.0	112.4#
121	0.0	24.9	37.3#

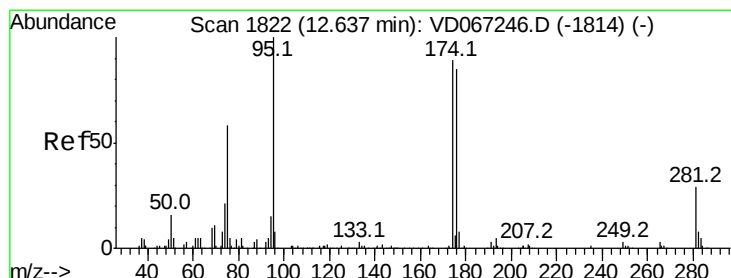
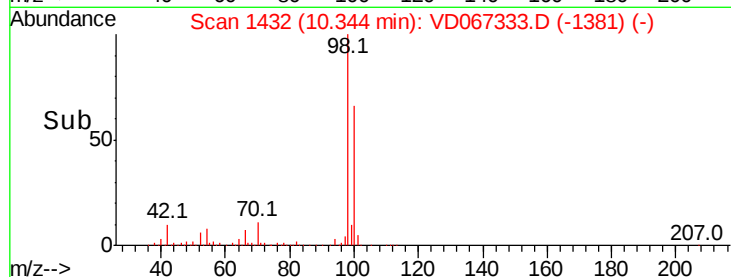
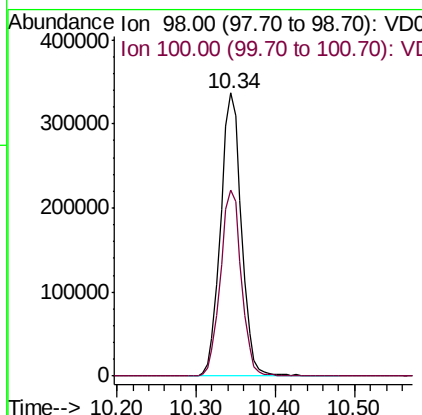
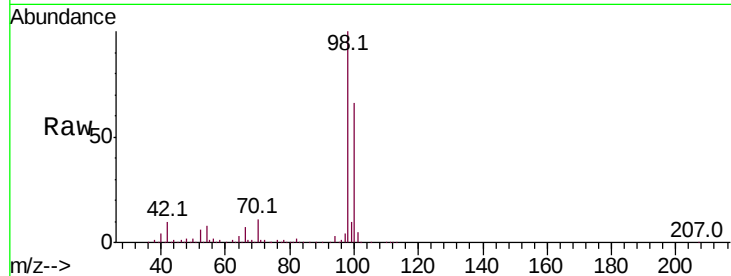




#50
Toluene-d8
Concen: 49.433 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067333.D
Acq: 20 Oct 2020 19:25

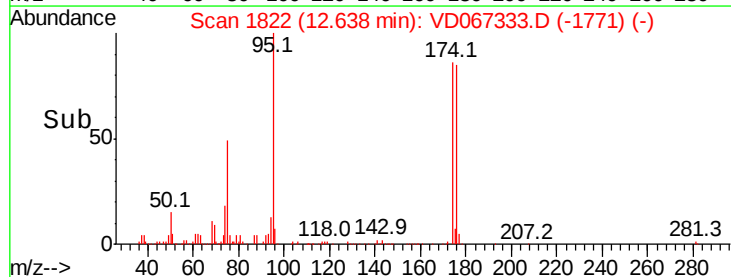
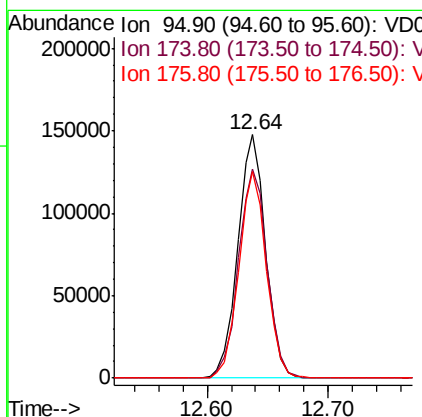
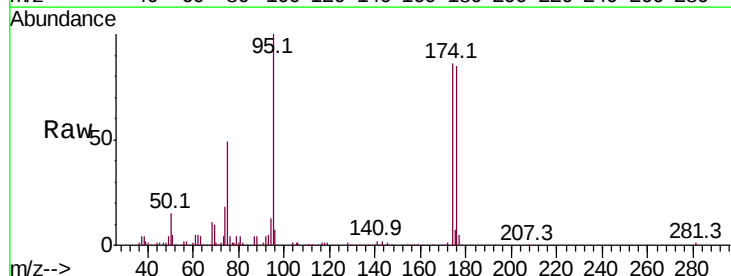
Instrument :
MSVOA_D
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C-2-0.5-1.0

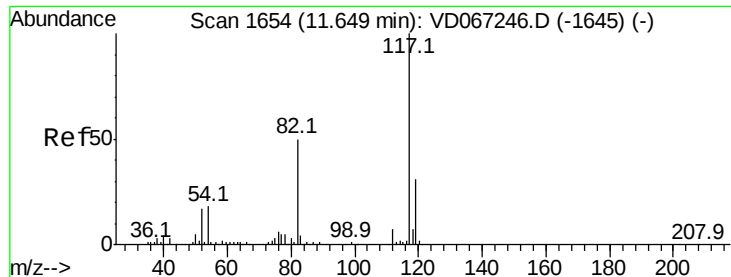
Tot Ion: 98 Resp: 613229
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.700 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067333.D
Acq: 20 Oct 2020 19:25

Tgt Ion: 95 Resp: 235956
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.2
176 84.2 0.0 168.6

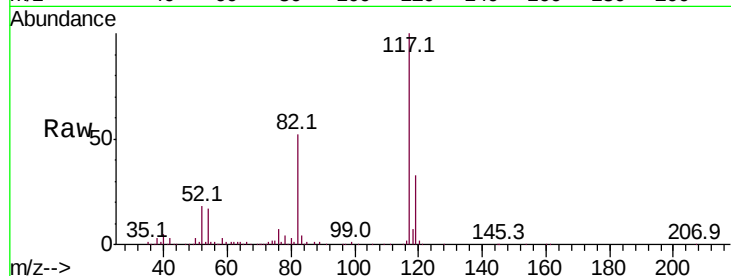




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067333.D
Acq: 20 Oct 2020 19:25

Instrument :
MSVOA_D
ClientSampleId :
C-2-0.5-1.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	39.9	59.9
119	33.2	24.9	37.3

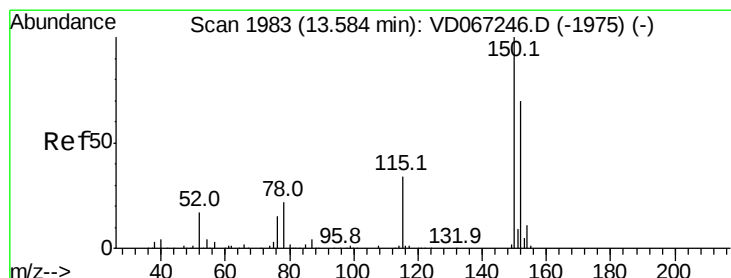
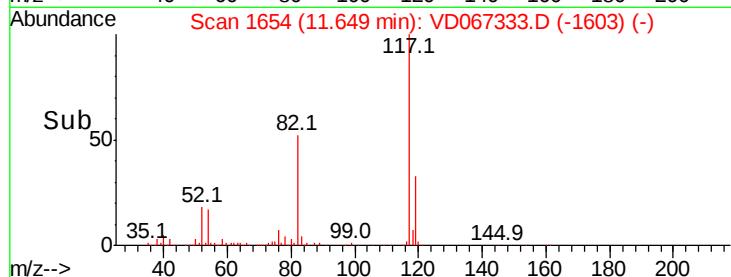
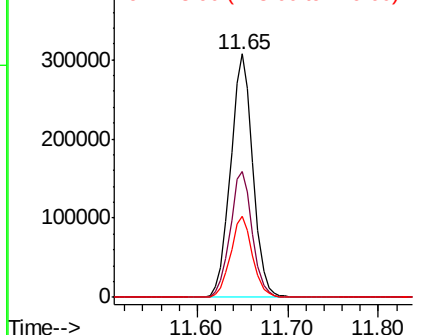


Abundance

Ion 116.90 (116.60 to 117.60): V

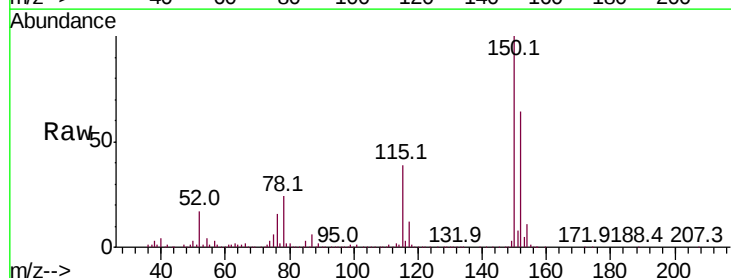
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067333.D
Acq: 20 Oct 2020 19:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.3	87.9
150	156.4	0.0	339.0

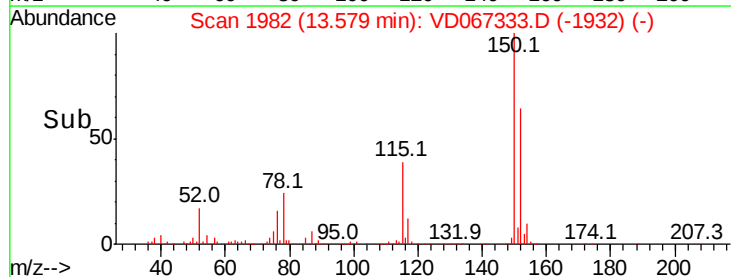
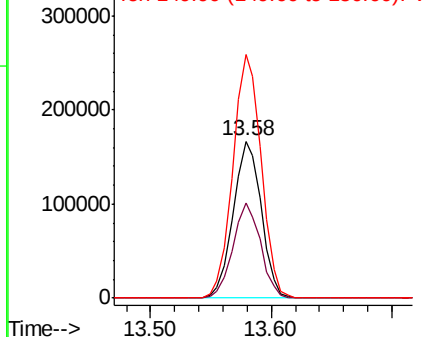


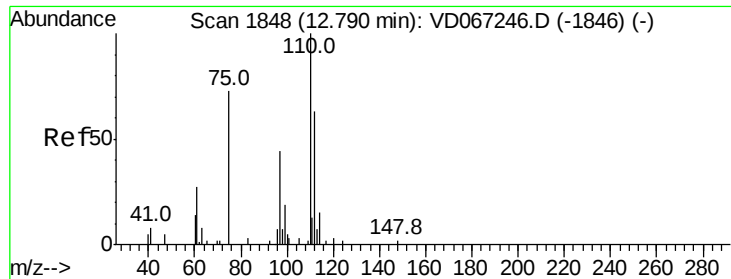
Abundance

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: 63.405 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067333.D

Acq: 20 Oct 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

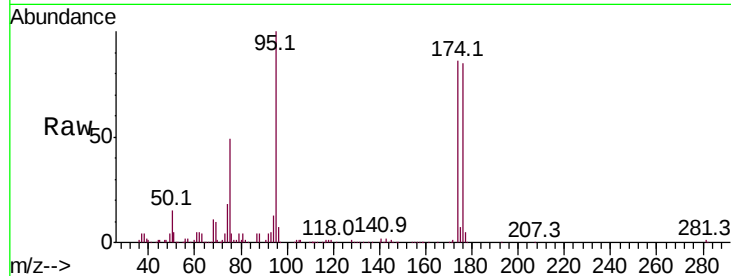
C-2-0.5-1.0

Tot Ion: 75 Resp: 118655

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

12.64

80000

60000

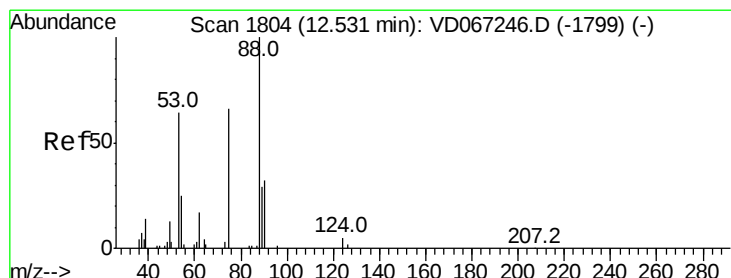
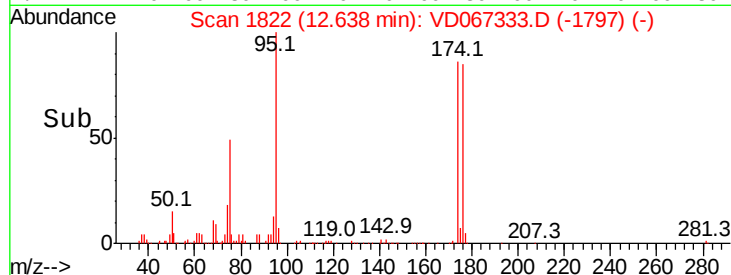
40000

20000

0

12.60 12.70

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 143.784 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067333.D

Acq: 20 Oct 2020 19:25

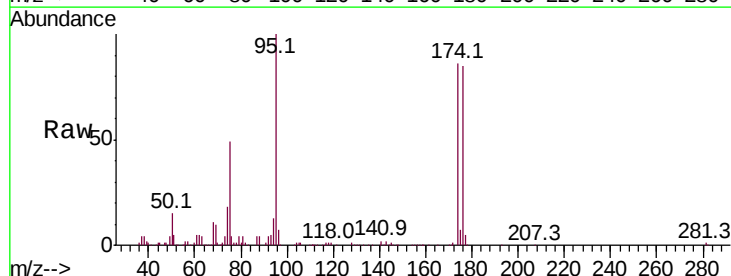
Tgt Ion: 75 Resp: 118655

Ion Ratio Lower Upper

75 100

53 0.2 78.5 117.7#

89 0.0 39.9 59.9#



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

100000

80000

60000

40000

20000

0

12.60 12.70

Time-->

