

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067752.D
 Acq On : 23 Nov 2020 18:10
 Operator : VA/SY
 Sample : L4846-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RCA-EDISON-3

Quant Time: Nov 24 00:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	245186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	371729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	403691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	109300	45.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.70%
35) Dibromofluoromethane	7.92	113	114010	48.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.38%
50) Toluene-d8	10.34	98	445762	51.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.08%
62) 4-Bromofluorobenzene	12.64	95	184595	62.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.88%

Target Compounds

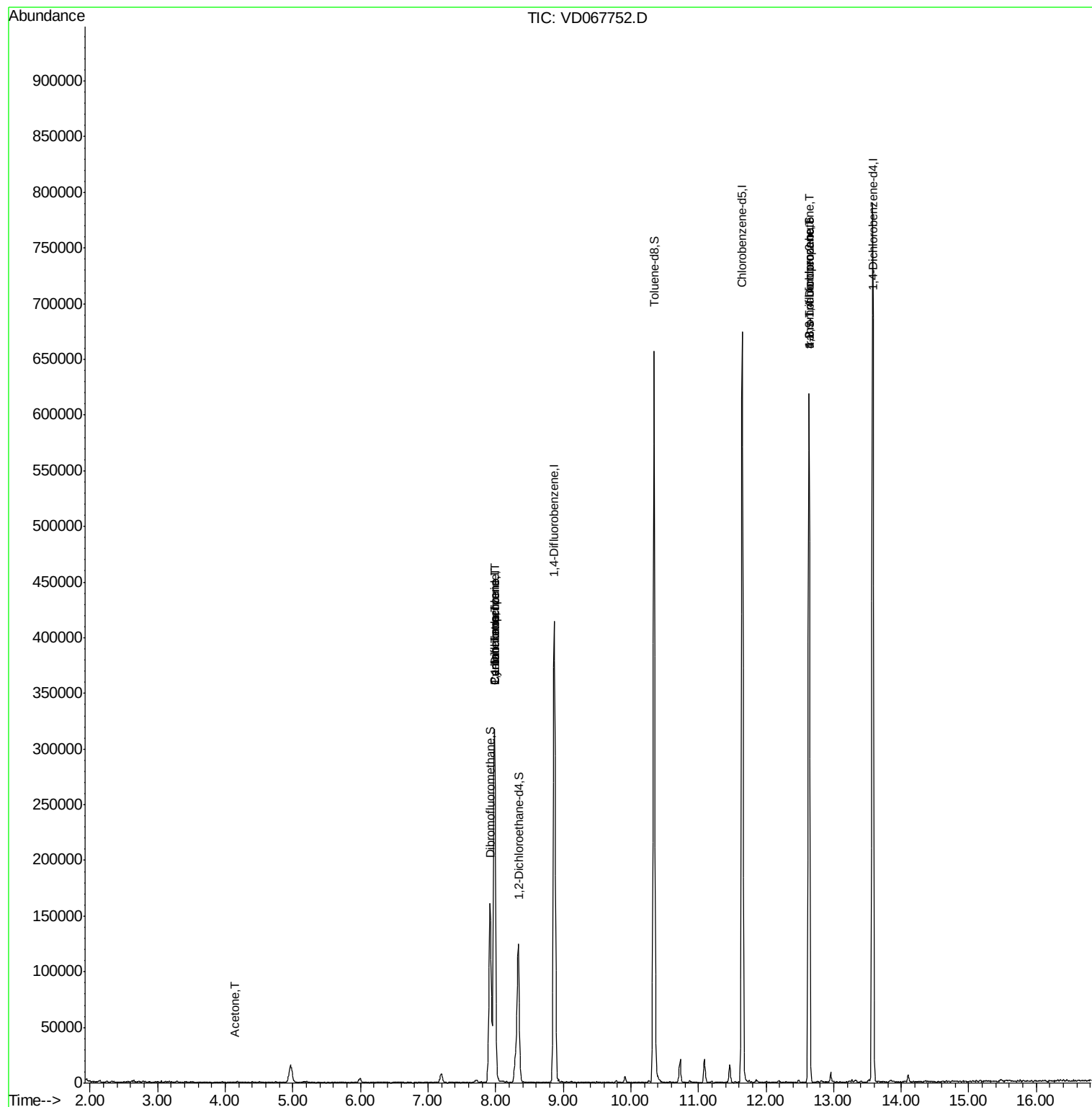
					Qvalue	
11) Tert butyl alcohol	5.21	59	314	Below Cal	#	87
16) Acetone	4.14	43	478	1.552	ug/l #	40
20) Methylene Chloride	4.96	84	13741	Below Cal		96
31) Cyclohexane	7.98	56	4938	1.712	ug/l #	35
36) 1,1-Dichloropropene	7.98	75	17083	5.355	ug/l #	49
38) Carbon Tetrachloride	7.98	117	25317	5.475	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	101658	65.451	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	101658	153.084	ug/l #	11

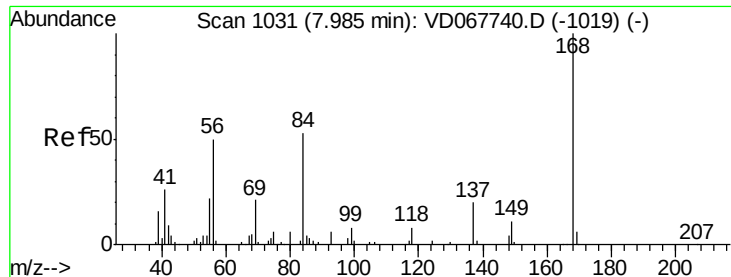
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 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: VD067752.D

Acq: 23 Nov 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

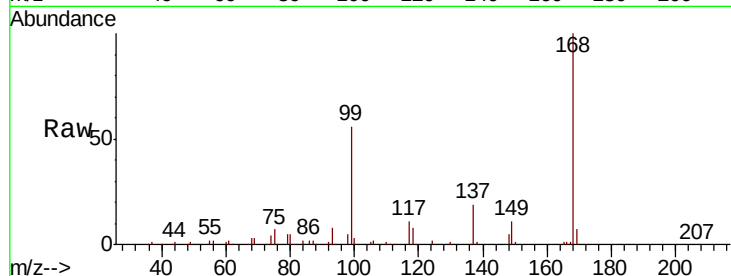
RCA-EDISON-3

Tot Ion:168 Resp: 245186

Ion Ratio Lower Upper

168 100

99 55.4 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

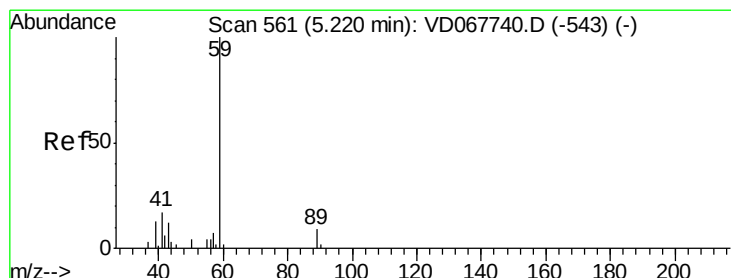
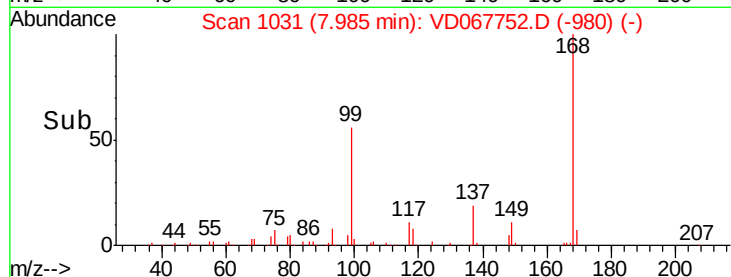
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD067752.D

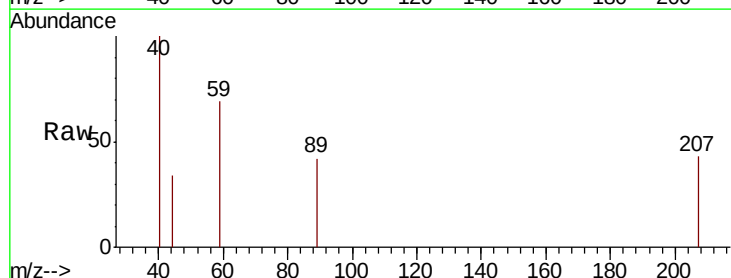
Acq: 23 Nov 2020 18:10

Tgt Ion: 59 Resp: 314

Ion Ratio Lower Upper

59 100

57 0.0 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

600

500

400

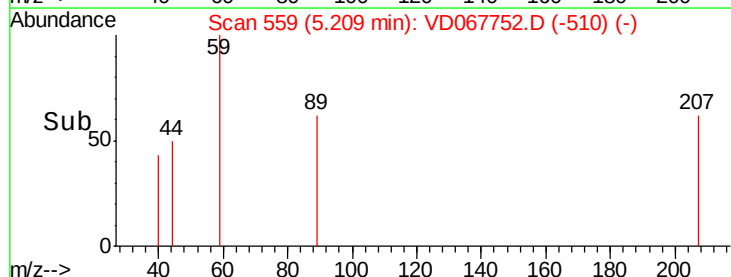
300

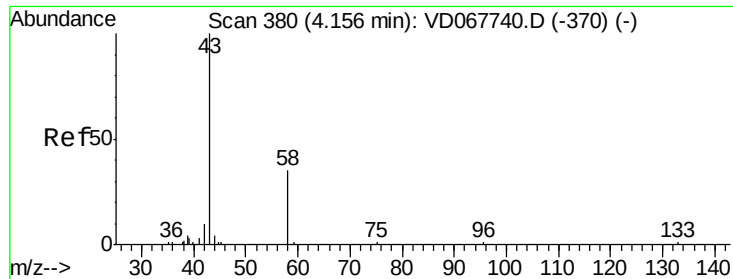
200

100

0

Time-->





#16

Acetone

Concen: 1.552 ug/l

RT: 4.14 min Scan# 377

Delta R.T. -0.02 min

Lab File: VD067752.D

Acq: 23 Nov 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

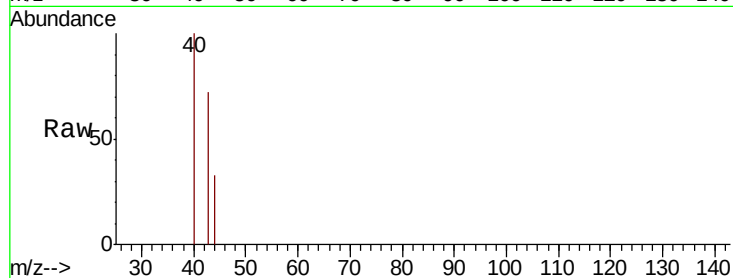
RCA-EDISON-3

Tot Ion: 43 Resp: 478

Ion Ratio Lower Upper

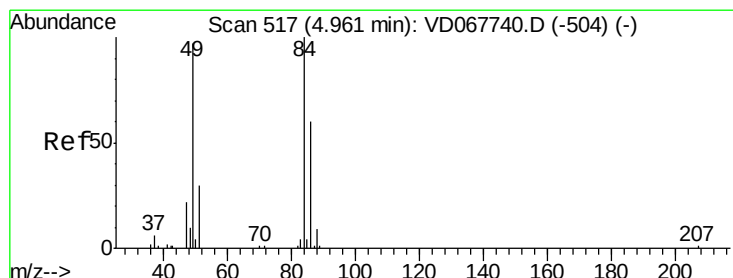
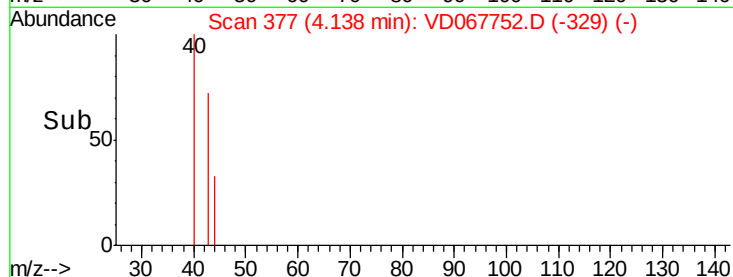
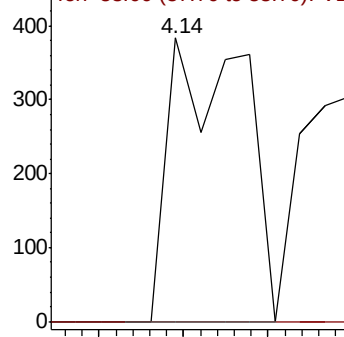
43 100

58 0.0 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067752.D

Acq: 23 Nov 2020 18:10

Tgt Ion: 84 Resp: 13741

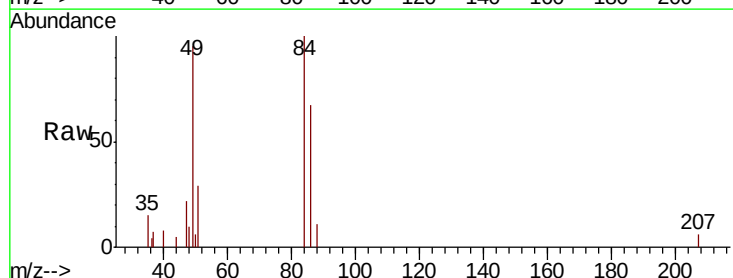
Ion Ratio Lower Upper

84 100

49 95.1 77.4 116.2

51 29.3 24.1 36.1

86 67.0 48.2 72.2

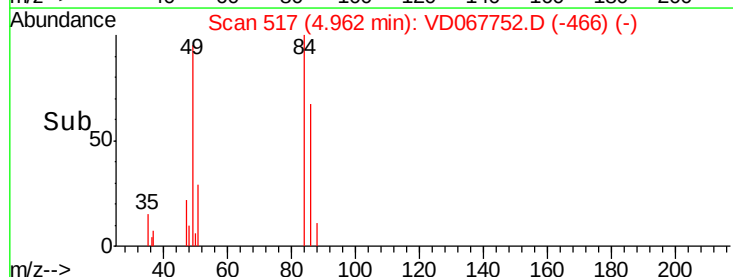
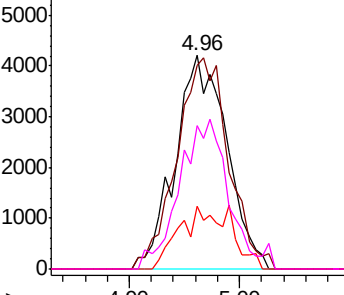


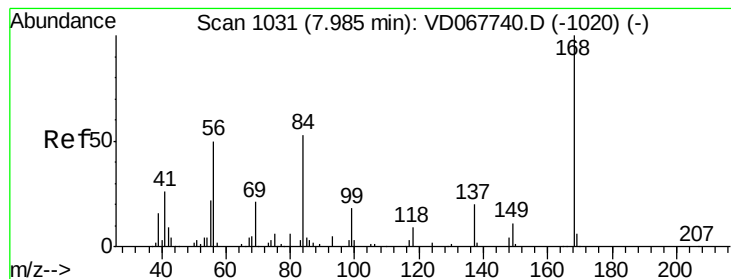
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.712 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067752.D

Acq: 23 Nov 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

RCA-EDISON-3

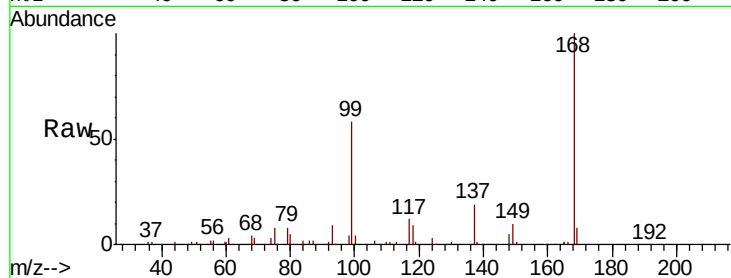
Tot Ion: 56 Resp: 4938

Ion Ratio Lower Upper

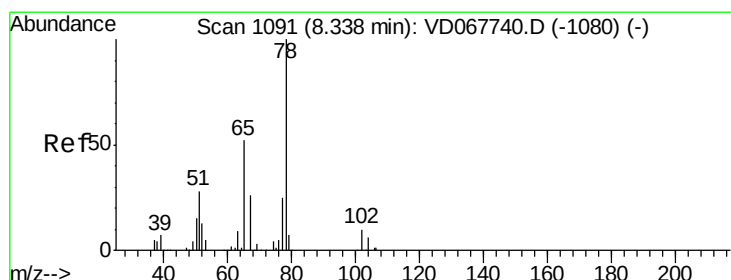
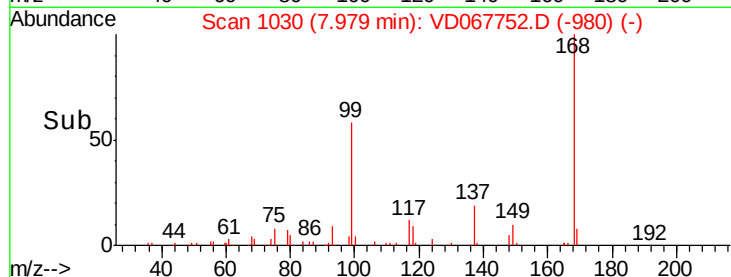
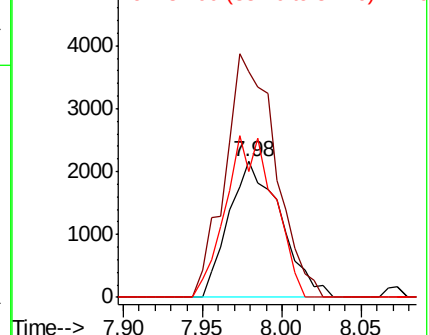
56 100

69 166.9 33.2 49.8#

84 92.9 84.8 127.2



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: 45.848 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067752.D

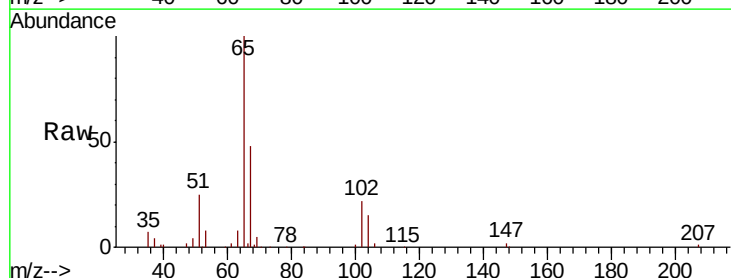
Acq: 23 Nov 2020 18:10

Tgt Ion: 65 Resp: 109300

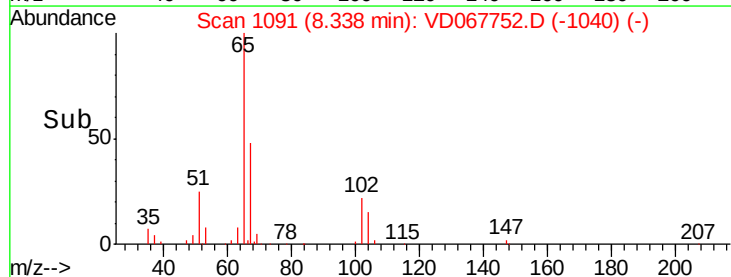
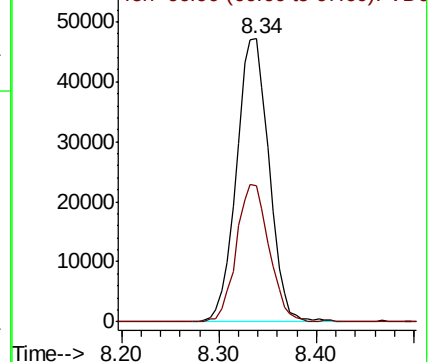
Ion Ratio Lower Upper

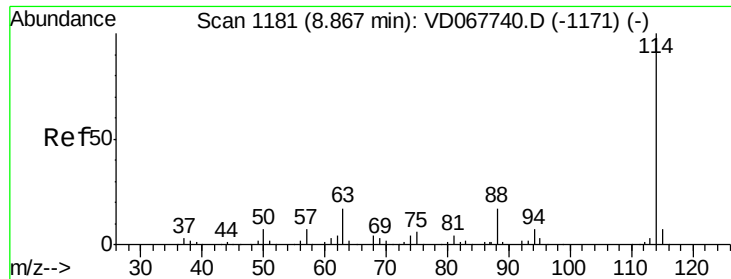
65 100

67 48.6 0.0 101.0



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

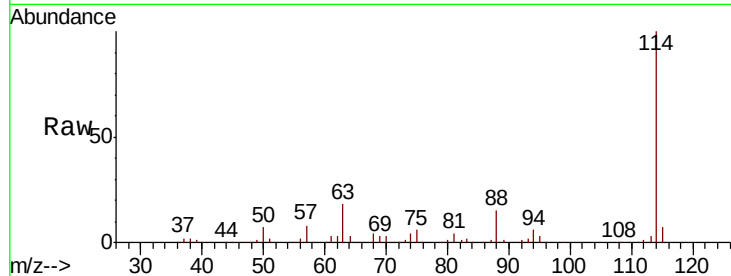




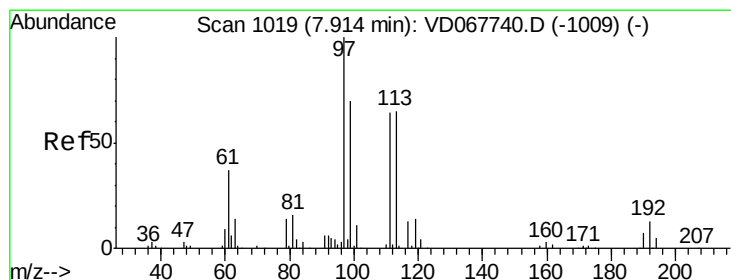
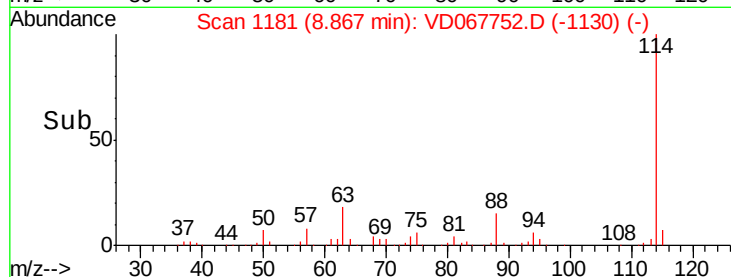
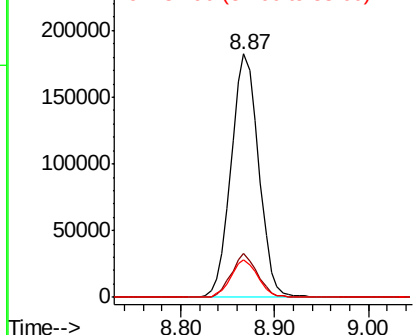
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067752.D
 Acq: 23 Nov 2020 18:10

Instrument :
 MSVOA_D
 ClientSampleId :
 RCA-EDISON-3

Tot Ion:114 Resp: 371729
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.8
 88 15.2 0.0 34.4

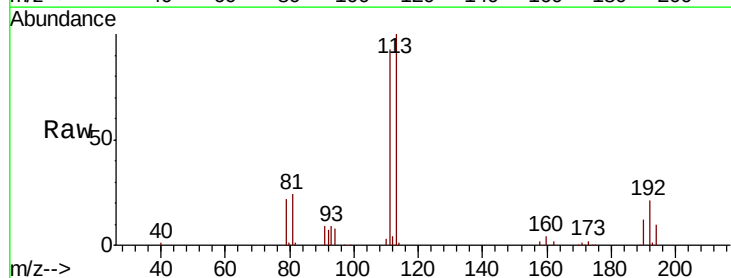


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

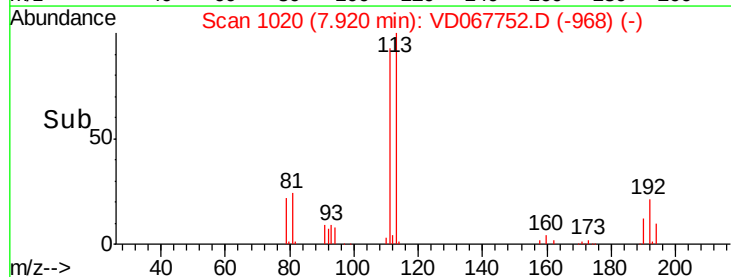
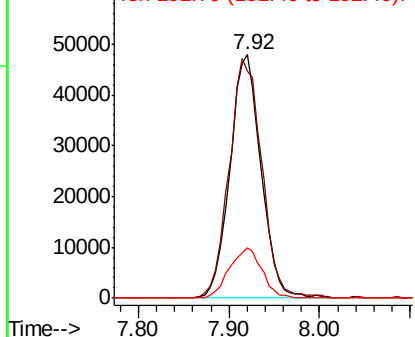


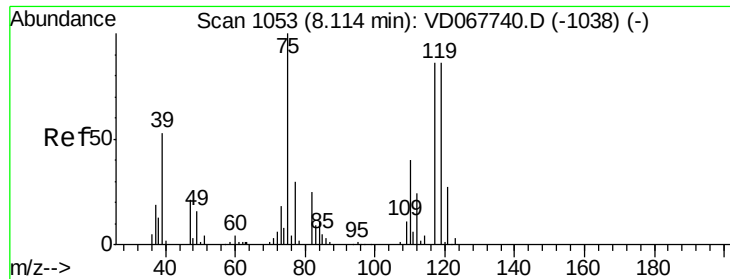
#35
 Dibromofluoromethane
 Concen: 48.193 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067752.D
 Acq: 23 Nov 2020 18:10

Tgt Ion:113 Resp: 114010
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 21.5 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: 5.355 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067752.D

Acq: 23 Nov 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

RCA-EDISON-3

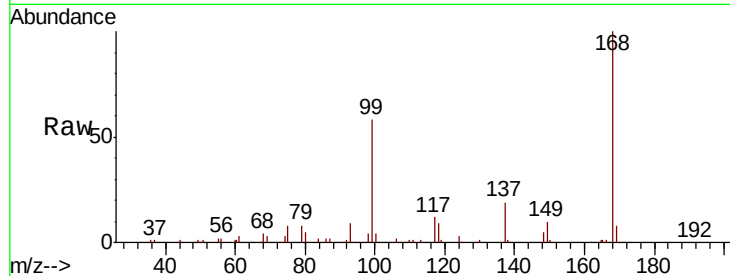
Tot Ion: 75 Resp: 17083

Ion Ratio Lower Upper

75 100

110 11.0 20.1 60.2#

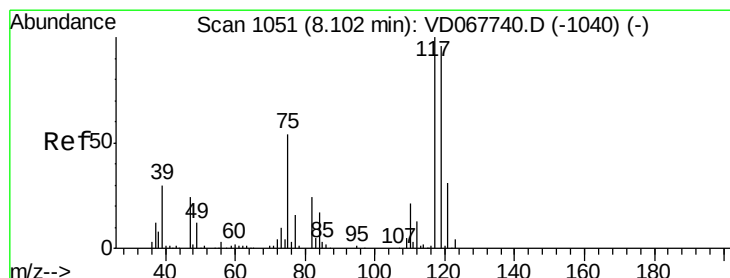
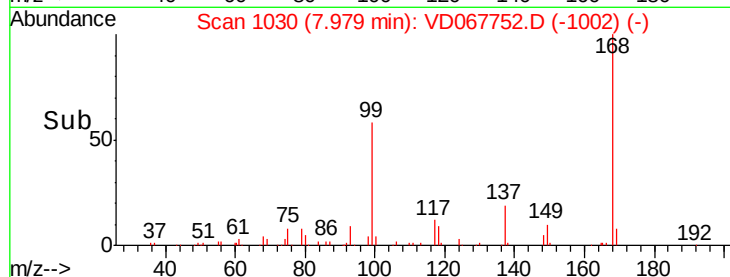
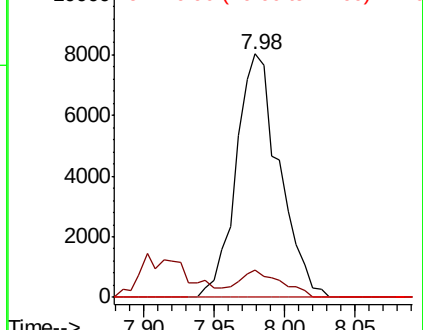
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#38

Carbon Tetrachloride

Concen: 5.475 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067752.D

Acq: 23 Nov 2020 18:10

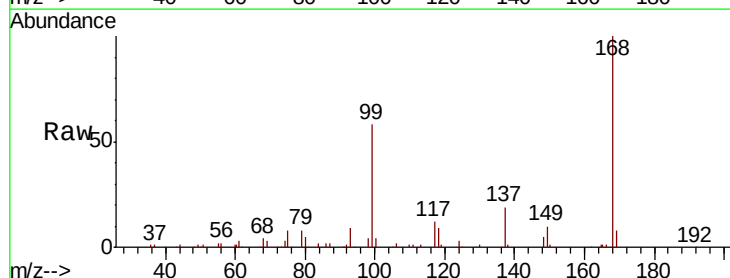
Tgt Ion: 117 Resp: 25317

Ion Ratio Lower Upper

117 100

119 5.3 76.6 115.0#

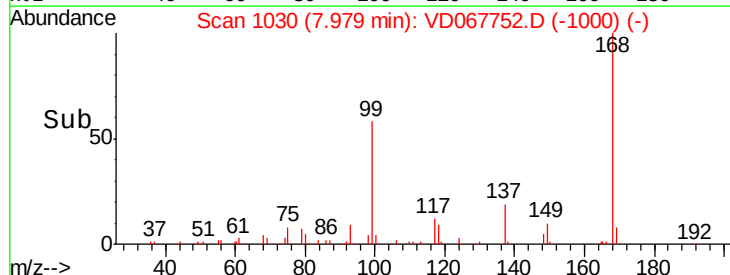
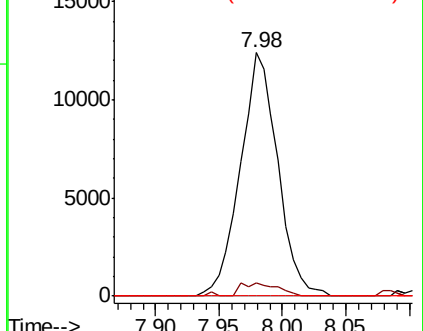
121 0.0 24.5 36.7#

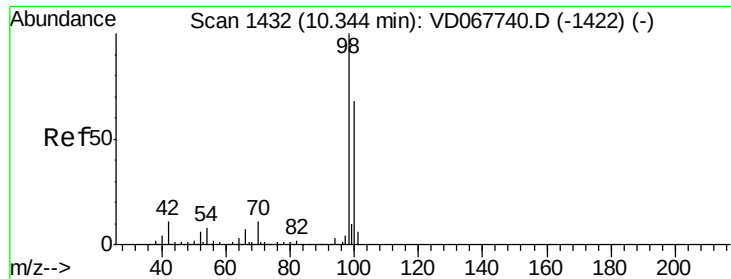


Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 118.80 (118.50 to 119.50): VDC

Ion 120.80 (120.50 to 121.50): VDC

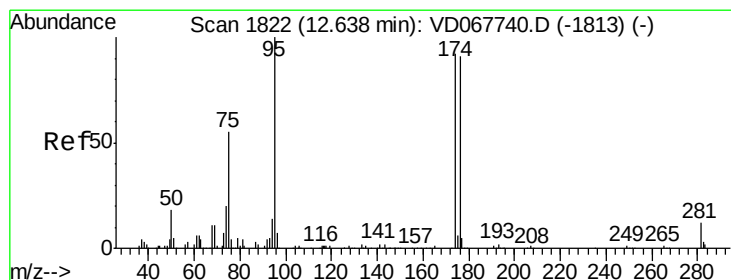
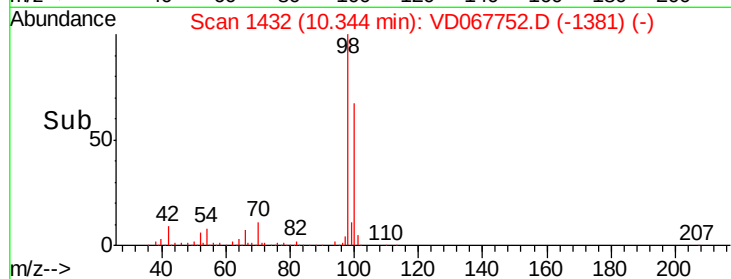
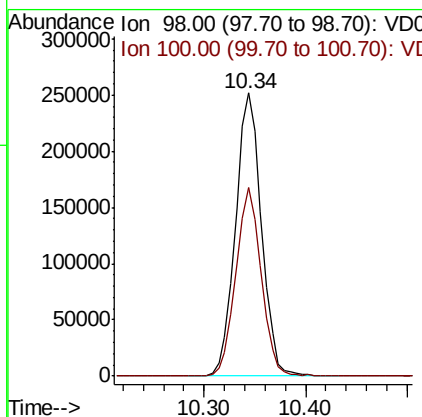
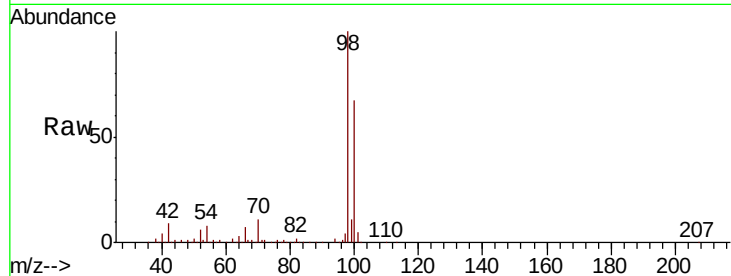




#50
Toluene-d8
Concen: 51.539 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067752.D
Acq: 23 Nov 2020 18:10

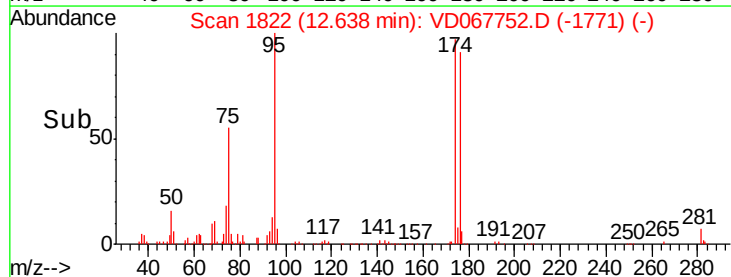
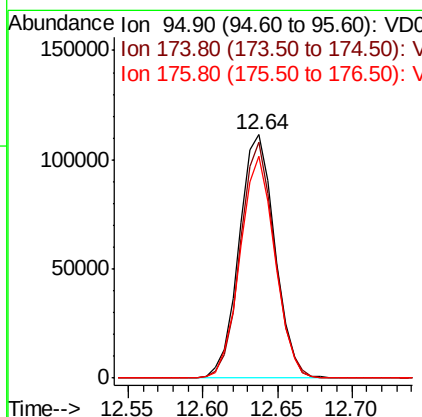
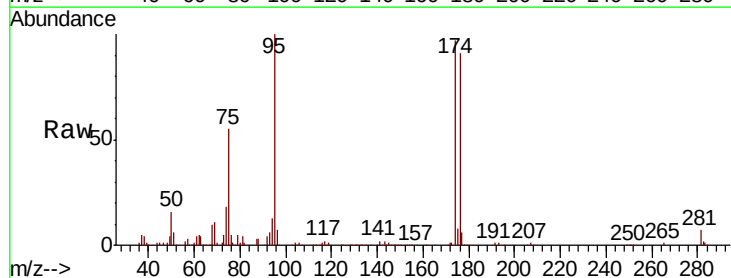
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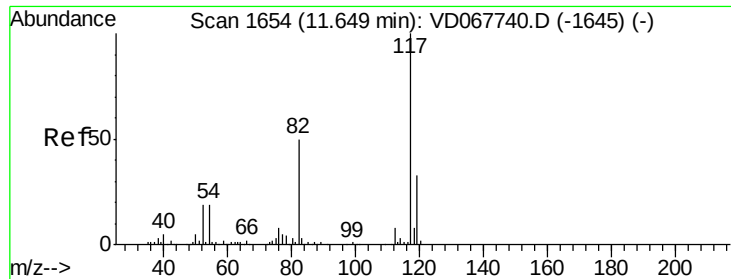
Tot Ion: 98 Resp: 445762
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 62.441 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067752.D
Acq: 23 Nov 2020 18:10

Tgt Ion: 95 Resp: 184595
Ion Ratio Lower Upper
95 100
174 93.1 0.0 182.4
176 88.7 0.0 178.2

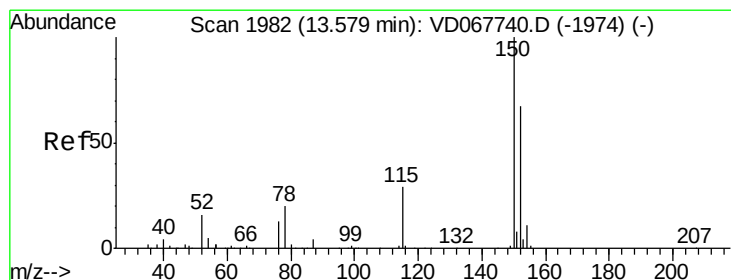
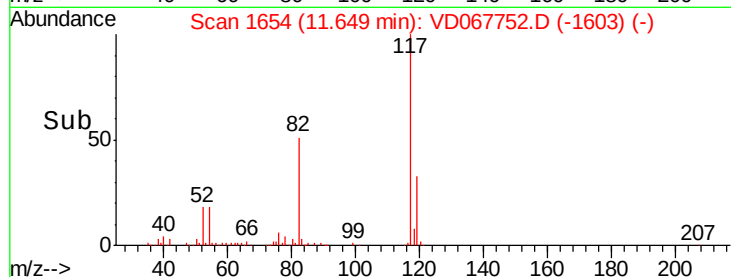
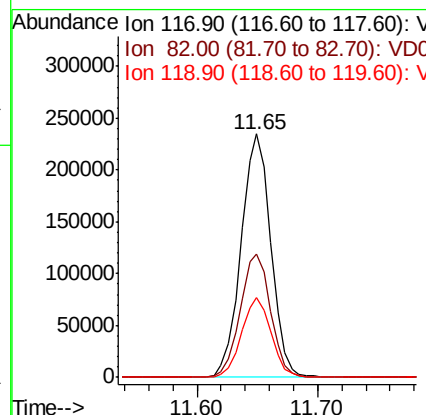
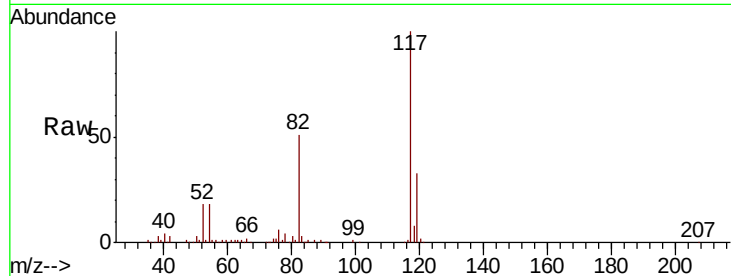




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067752.D
Acq: 23 Nov 2020 18:10

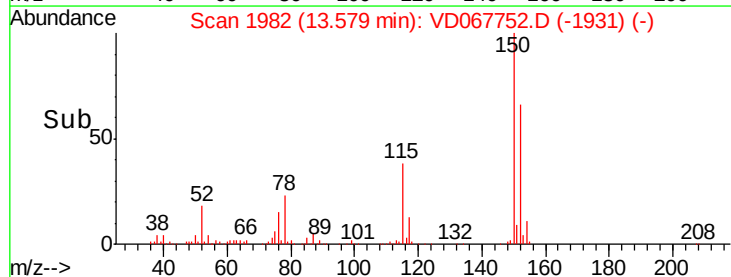
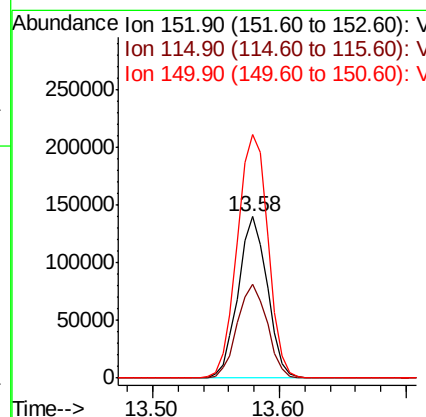
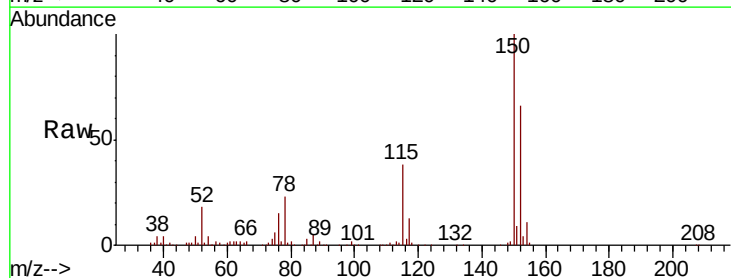
Instrument :
MSVOA_D
ClientSampleId :
RCA-EDISON-3

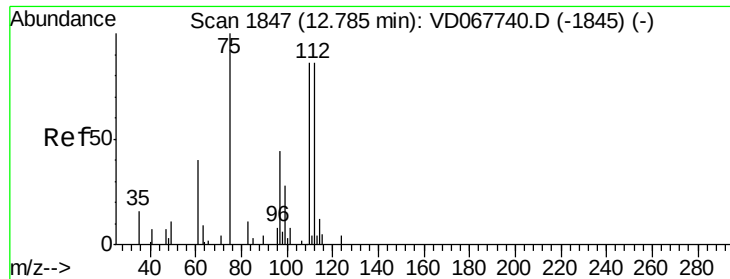
Tot Ion:117 Resp: 403691
Ion Ratio Lower Upper
117 100
82 50.6 40.2 60.4
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067752.D
Acq: 23 Nov 2020 18:10

Tgt Ion:152 Resp: 222856
Ion Ratio Lower Upper
152 100
115 59.3 29.4 88.3
150 158.2 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 65.451 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067752.D

Acq: 23 Nov 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

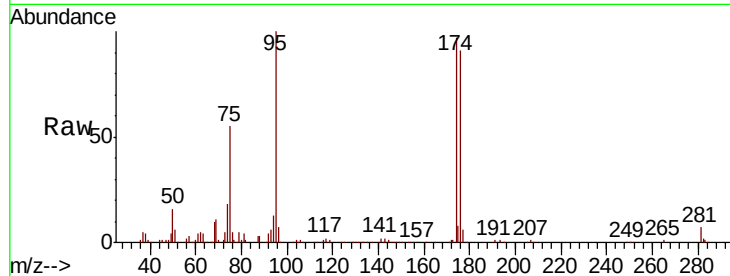
RCA-EDISON-3

Tot Ion: 75 Resp: 101658

Ion Ratio Lower Upper

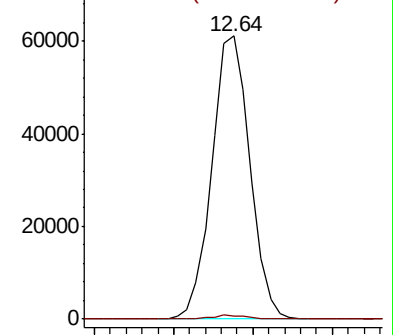
75 100

77 1.1 0.0 0.0#

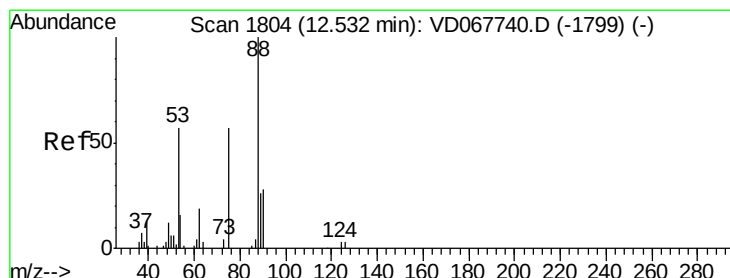
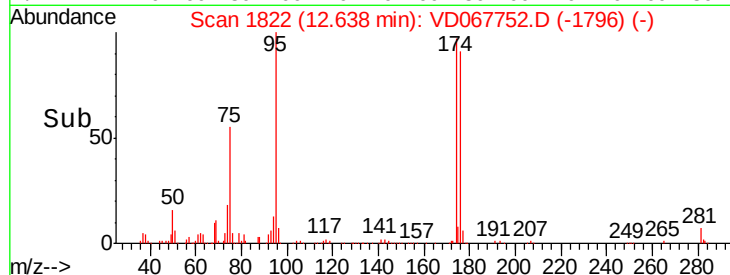


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 153.084 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067752.D

Acq: 23 Nov 2020 18:10

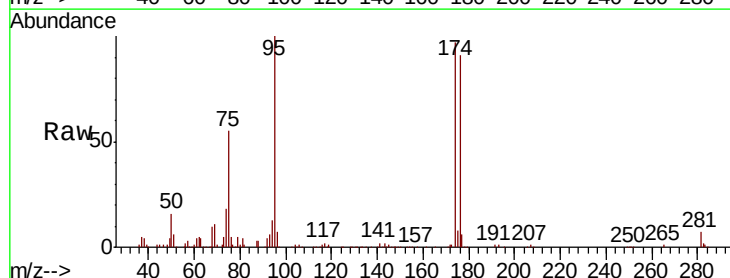
Tgt Ion: 75 Resp: 101658

Ion Ratio Lower Upper

75 100

53 0.1 76.0 114.0#

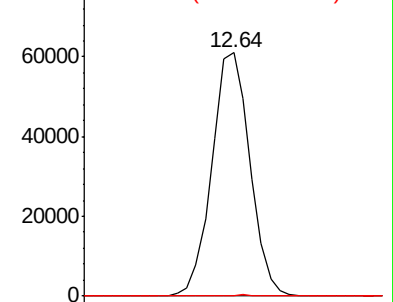
89 0.1 40.2 60.4#



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



Time--> 12.55 12.60 12.65 12.70

