

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062211.D
 Acq On : 10 May 2019 13:12
 Operator : FY/SY
 Sample : K2718-02RE
 Misc : 5.86g/5mL/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1824-01RE

Quant Time: May 10 23:31:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	3343	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	7720	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	8609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	6012	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	4169	134.19	ug/l	0.00
Spiked Amount			Recovery	=	268.38%	
35) Dibromofluoromethane	6.91	113	4159	64.93	ug/l	0.02
Spiked Amount			Recovery	=	129.86%	
50) Toluene-d8	10.41	98	9678	62.67	ug/l	0.00
Spiked Amount			Recovery	=	125.34%	
62) 4-Bromofluorobenzene	13.56	95	5013	80.83	ug/l	0.00
Spiked Amount			Recovery	=	161.66%	

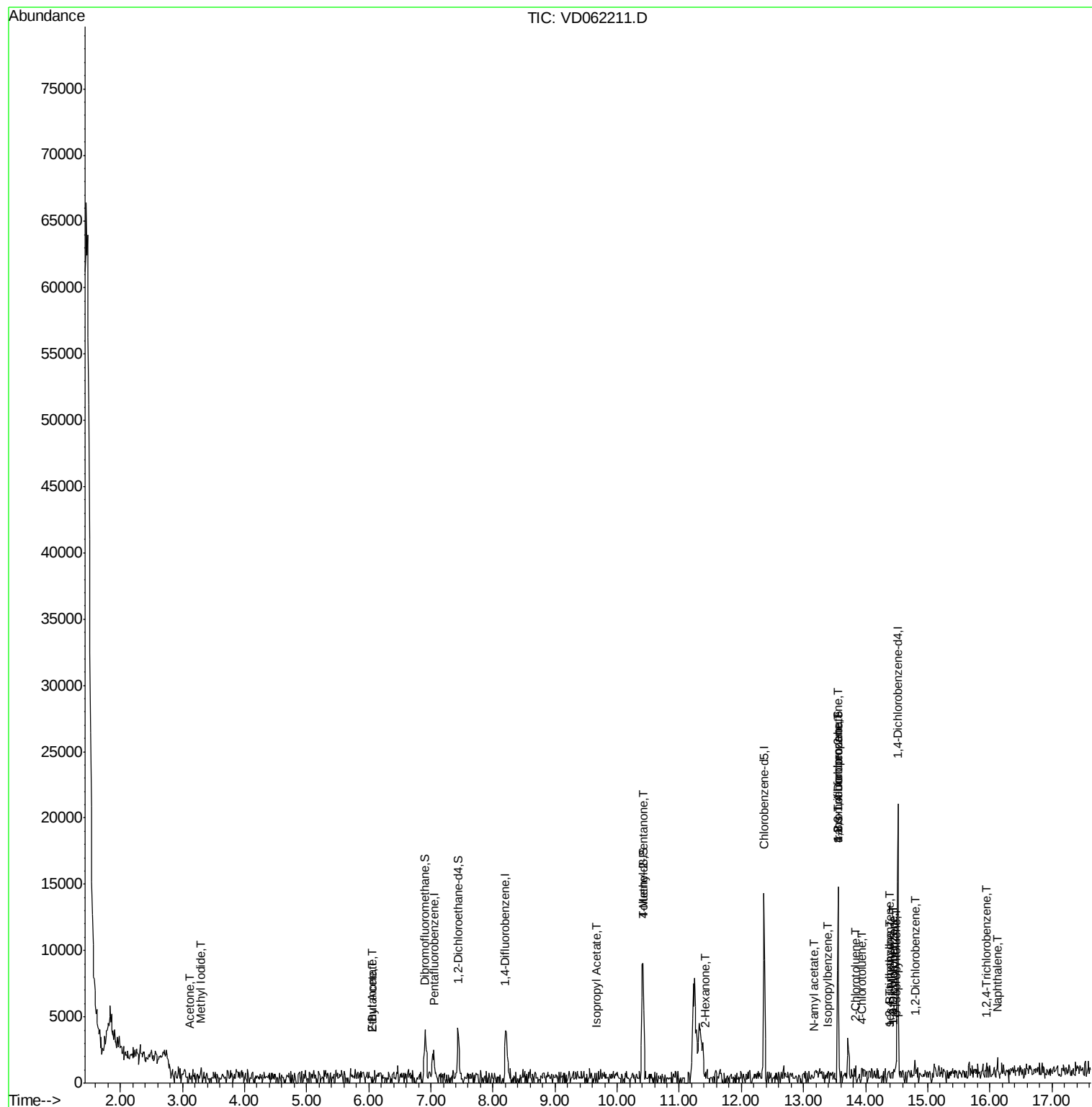
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.30	142	181	3.586	ug/l #	37
16) Acetone	3.11	43	184	28.242	ug/l #	50
25) 2-Butanone	6.06	43	273	38.416	ug/l #	56
37) Ethyl Acetate	6.06	43	273	10.170	ug/l #	64
43) Isopropyl Acetate	9.67	43	225	5.910	ug/l #	43
51) 4-Methyl-2-Pentanone	10.41	43	187	7.642	ug/l #	37
59) 2-Hexanone	11.43	43	211	11.699	ug/l #	27
73) Isopropylbenzene	13.40	105	481	1.335	ug/l #	51
74) N-amyl acetate	13.16	43	190	2.011	ug/l #	49
76) 1,2,3-Trichloropropane	13.56	75	1276	17.859	ug/l #	42
79) 2-Chlorotoluene	13.84	91	284	1.154	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.56	75	1726	85.572	ug/l #	16
82) 4-Chlorotoluene	13.95	91	452	1.560	ug/l #	37
84) 1,2,4-Trimethylbenzene	14.37	105	559	1.836	ug/l #	30
85) sec-Butylbenzene	14.37	105	559	1.495	ug/l #	60
86) p-Isopropyltoluene	14.49	119	553	1.655	ug/l #	52
87) 1,3-Dichlorobenzene	14.45	146	659	3.576	ug/l #	64
88) 1,4-Dichlorobenzene	14.45	146	659	3.639	ug/l #	63
91) 1,2-Dichlorobenzene	14.81	146	216	1.423	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.95	180	317	2.870	ug/l #	69
95) Naphthalene	16.12	128	406	2.632	ug/l #	70

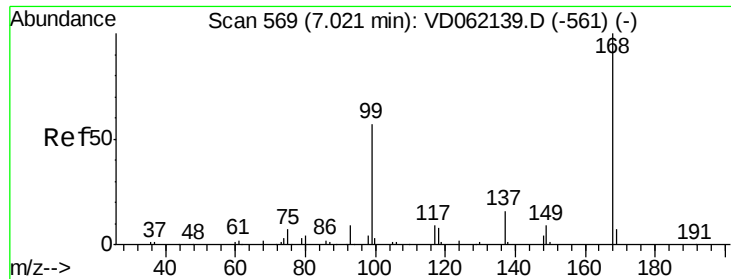
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051019\
Data File : VD062211.D
Acq On : 10 May 2019 13:12
Operator : FY/SY
Sample : K2718-02RE
Misc : 5.86g/5mL/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-1824-01RE

Quant Time: May 10 23:31:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

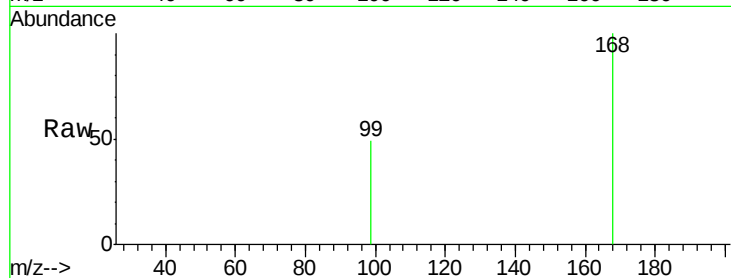
P026-SS004-1824-01RE

Tot Ion:168 Resp: 3343

Ion Ratio Lower Upper

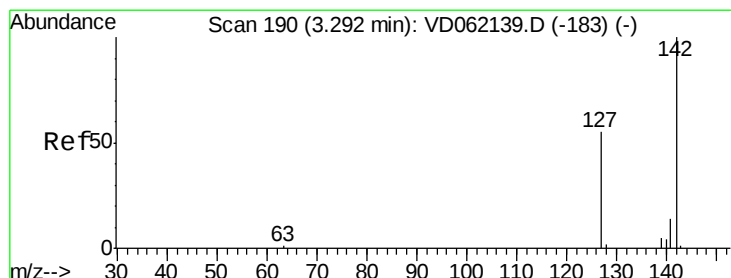
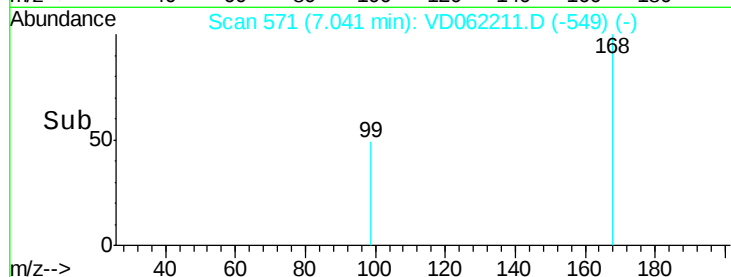
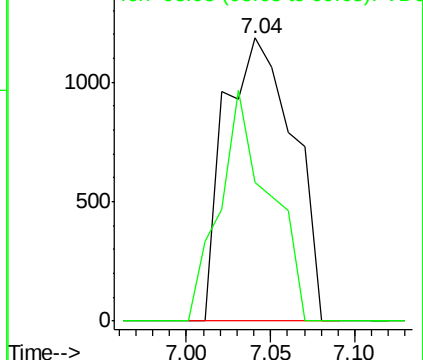
168 100

99 49.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V



#10

Methyl Iodide

Concen: 3.586 ug/l

RT: 3.30 min Scan# 191

Delta R.T. 0.01 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

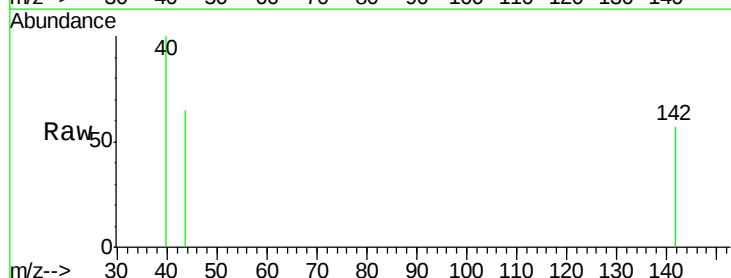
Tgt Ion:142 Resp: 181

Ion Ratio Lower Upper

142 100

127 0.0 38.8 58.2#

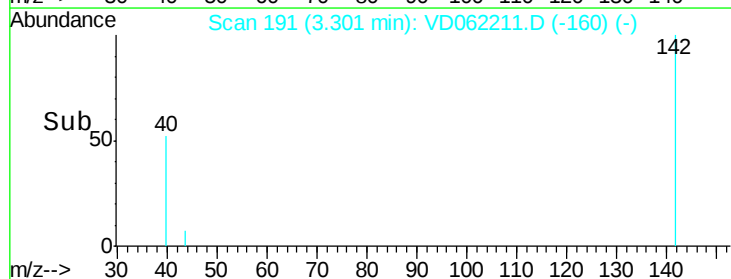
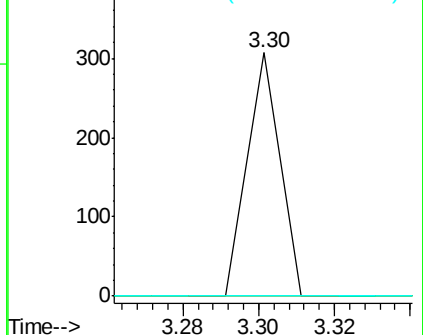
141 0.0 11.4 17.0#

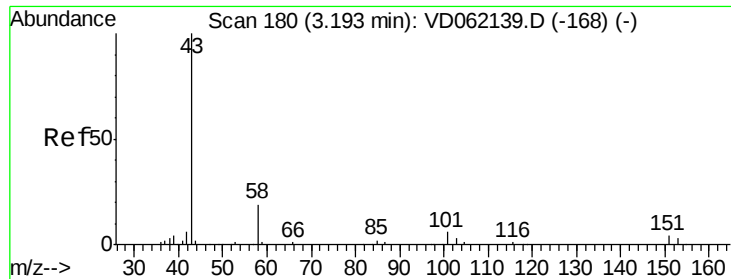


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#16

Acetone

Concen: 28.242 ug/l

RT: 3.11 min Scan# 172

Delta R.T. -0.08 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

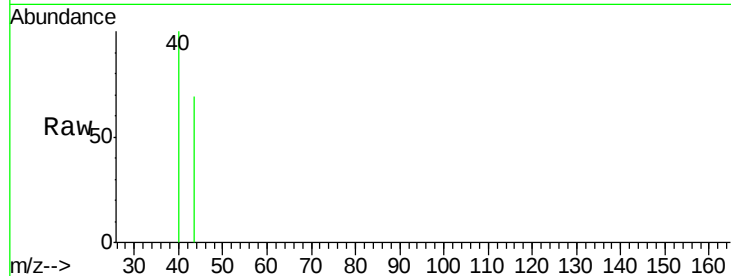
P026-SS004-1824-01RE

Tot Ion: 43 Resp: 184

Ion Ratio Lower Upper

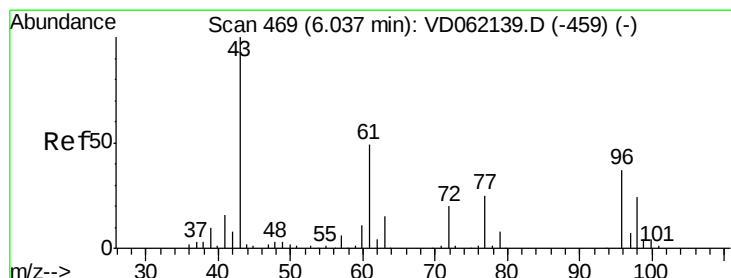
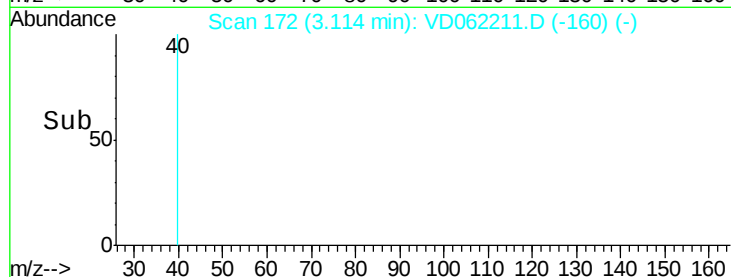
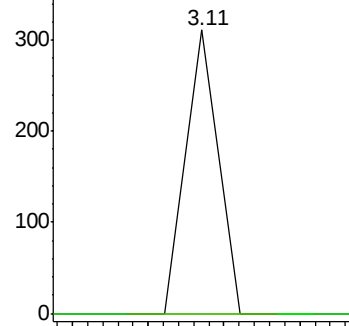
43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#25

2-Butanone

Concen: 38.416 ug/l

RT: 6.06 min Scan# 471

Delta R.T. 0.02 min

Lab File: VD062211.D

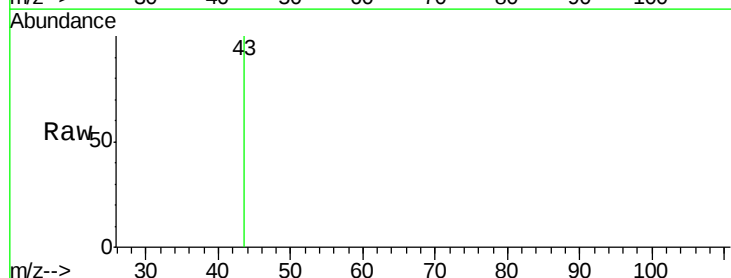
Acq: 10 May 2019 13:12

Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

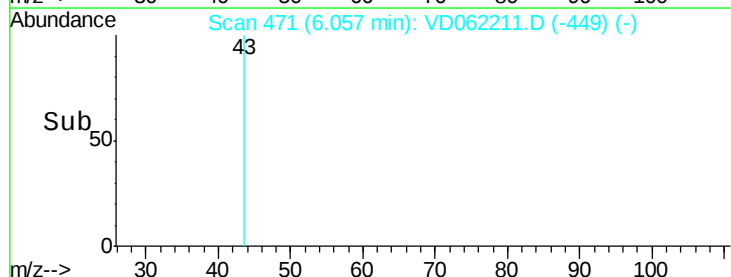
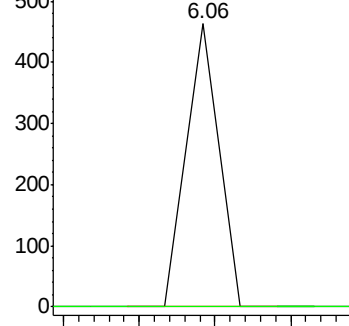
43 100

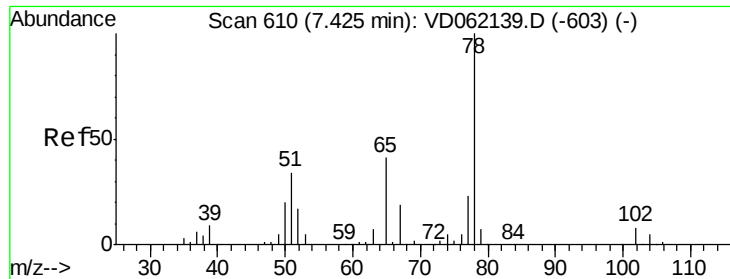
72 0.0 16.2 24.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 134.194 ug/l

RT: 7.43 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

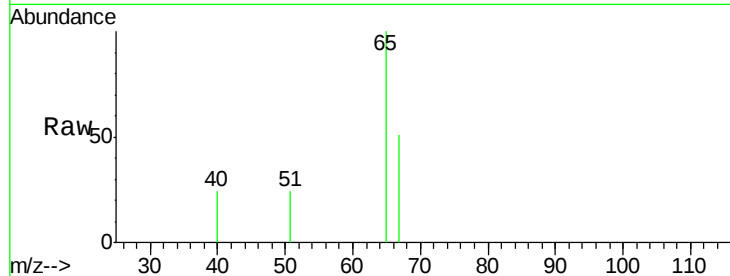
P026-SS004-1824-01RE

Tot Ion: 65 Resp: 4169

Ion Ratio Lower Upper

65 100

67 51.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

2000

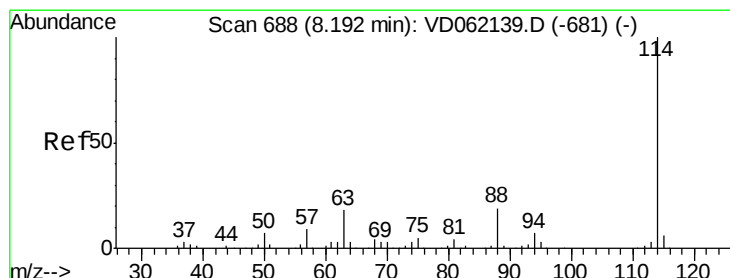
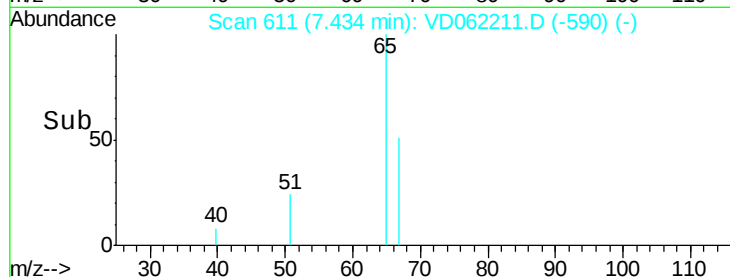
1500

1000

500

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

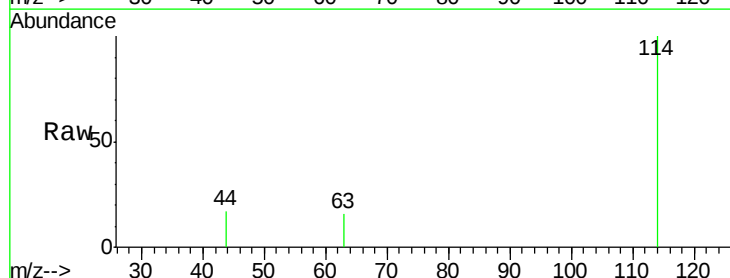
Tgt Ion: 114 Resp: 7720

Ion Ratio Lower Upper

114 100

63 16.2 0.0 32.4

88 0.0 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21

4000

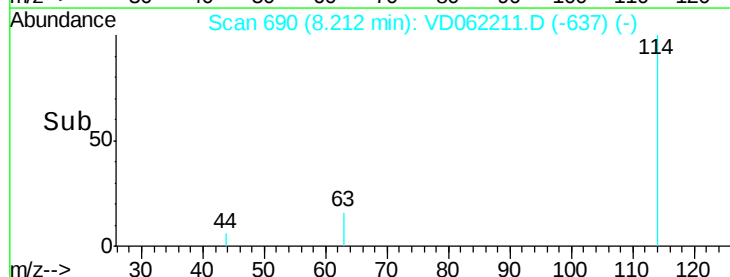
3000

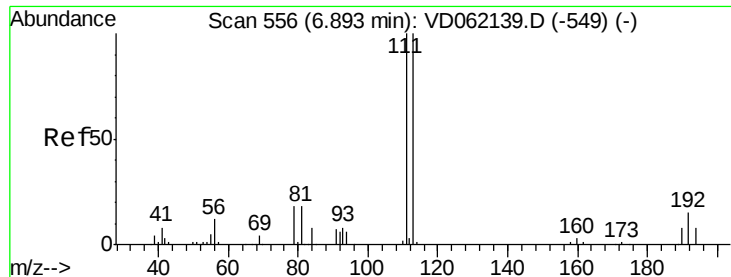
2000

1000

0

Time-->





#35

Dibromofluoromethane

Concen: 64.930 ug/l

RT: 6.91 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1824-01RE

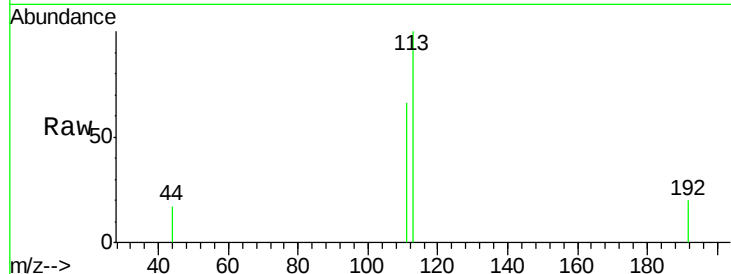
Tot Ion:113 Resp: 4159

Ion Ratio Lower Upper

113 100

111 66.1 78.5 117.7#

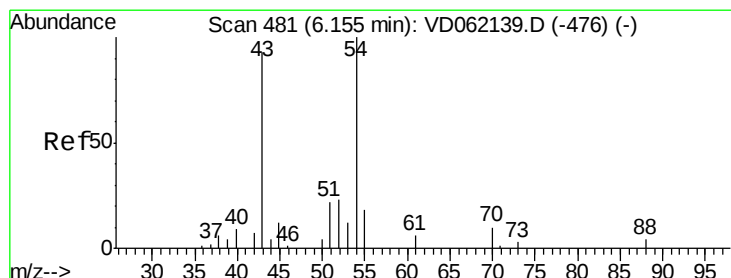
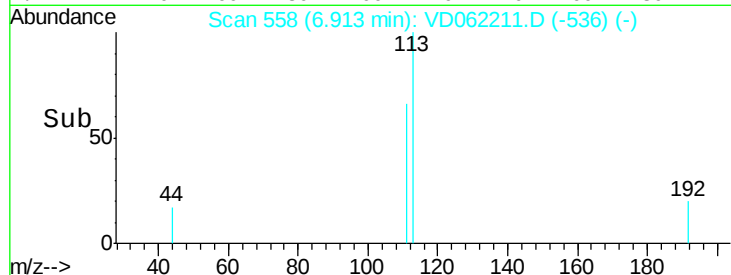
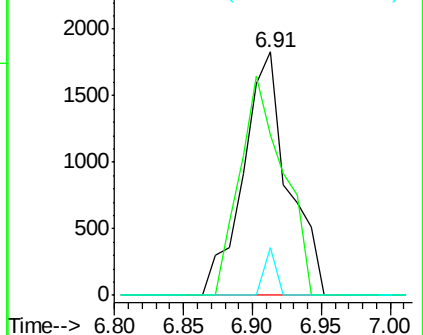
192 19.5 13.0 19.4#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#37

Ethyl Acetate

Concen: 10.170 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.10 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

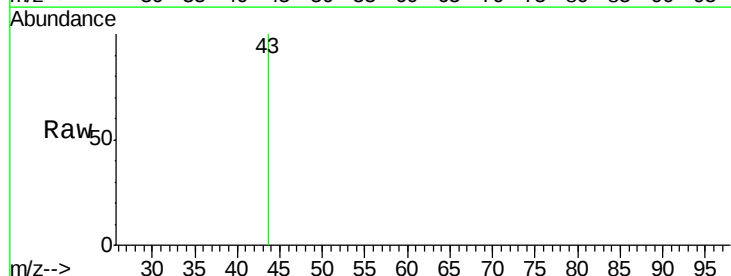
Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

43 100

61 0.0 14.7 22.1#

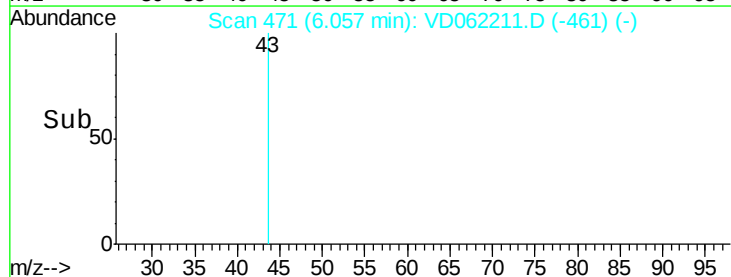
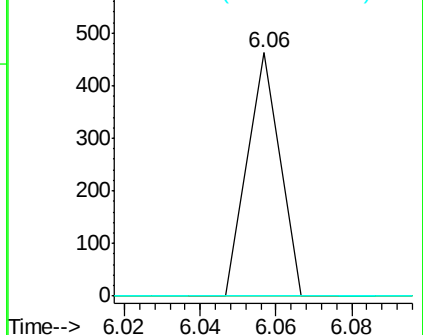
70 0.0 7.8 11.6#

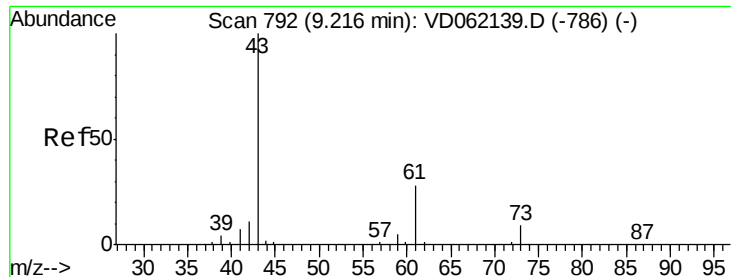


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#43

Isopropyl Acetate

Concen: 5.910 ug/l

RT: 9.67 min Scan# 838

Delta R.T. 0.45 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1824-01RE

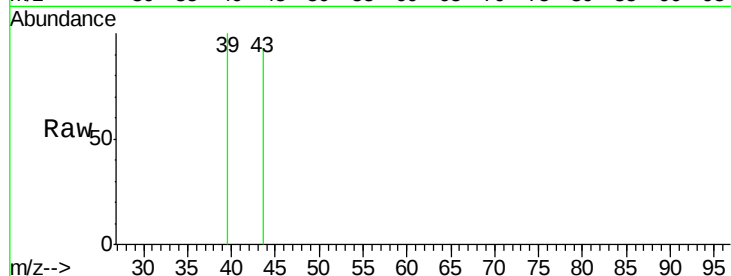
Tot Ion: 43 Resp: 225

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

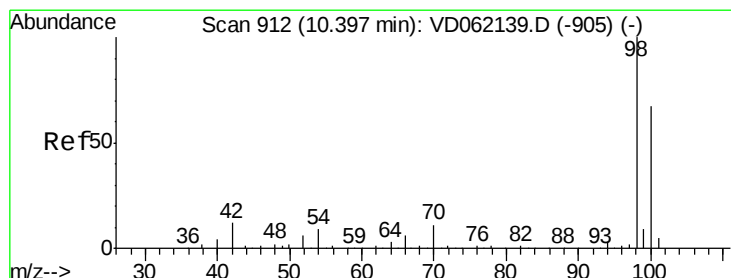
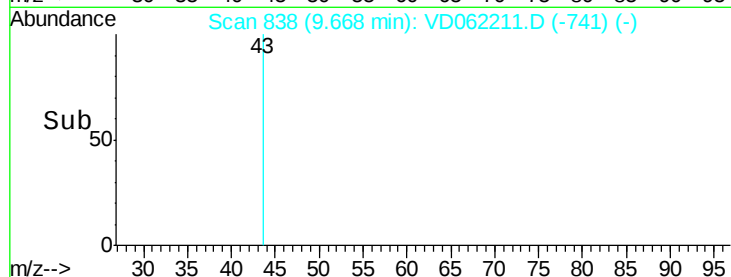
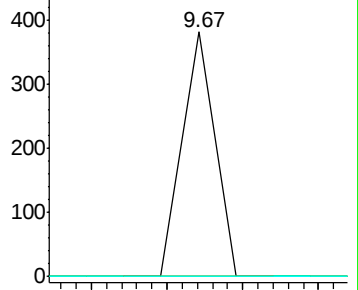
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: 62.666 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062211.D

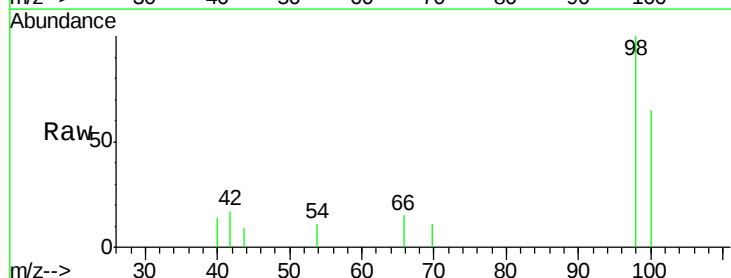
Acq: 10 May 2019 13:12

Tgt Ion: 98 Resp: 9678

Ion Ratio Lower Upper

98 100

100 65.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

Ion 102.05 (101.75 to 102.75): VDC

Ion 104.05 (103.75 to 104.75): VDC

Ion 106.05 (105.75 to 106.75): VDC

Ion 108.05 (107.75 to 108.75): VDC

Ion 110.05 (109.75 to 110.75): VDC

Ion 112.05 (111.75 to 112.75): VDC

Ion 114.05 (113.75 to 114.75): VDC

Ion 116.05 (115.75 to 116.75): VDC

Ion 118.05 (117.75 to 118.75): VDC

Ion 120.05 (119.75 to 120.75): VDC

Ion 122.05 (121.75 to 122.75): VDC

Ion 124.05 (123.75 to 124.75): VDC

Ion 126.05 (125.75 to 126.75): VDC

Ion 128.05 (127.75 to 128.75): VDC

Ion 130.05 (129.75 to 130.75): VDC

Ion 132.05 (131.75 to 132.75): VDC

Ion 134.05 (133.75 to 134.75): VDC

Ion 136.05 (135.75 to 136.75): VDC

Ion 138.05 (137.75 to 138.75): VDC

Ion 140.05 (139.75 to 140.75): VDC

Ion 142.05 (141.75 to 142.75): VDC

Ion 144.05 (143.75 to 144.75): VDC

Ion 146.05 (145.75 to 146.75): VDC

Ion 148.05 (147.75 to 148.75): VDC

Ion 150.05 (149.75 to 150.75): VDC

Ion 152.05 (151.75 to 152.75): VDC

Ion 154.05 (153.75 to 154.75): VDC

Ion 156.05 (155.75 to 156.75): VDC

Ion 158.05 (157.75 to 158.75): VDC

Ion 160.05 (159.75 to 160.75): VDC

Ion 162.05 (161.75 to 162.75): VDC

Ion 164.05 (163.75 to 164.75): VDC

Ion 166.05 (165.75 to 166.75): VDC

Ion 168.05 (167.75 to 168.75): VDC

Ion 170.05 (169.75 to 170.75): VDC

Ion 172.05 (171.75 to 172.75): VDC

Ion 174.05 (173.75 to 174.75): VDC

Ion 176.05 (175.75 to 176.75): VDC

Ion 178.05 (177.75 to 178.75): VDC

Ion 180.05 (179.75 to 180.75): VDC

Ion 182.05 (181.75 to 182.75): VDC

Ion 184.05 (183.75 to 184.75): VDC

Ion 186.05 (185.75 to 186.75): VDC

Ion 188.05 (187.75 to 188.75): VDC

Ion 190.05 (189.75 to 190.75): VDC

Ion 192.05 (191.75 to 192.75): VDC

Ion 194.05 (193.75 to 194.75): VDC

Ion 196.05 (195.75 to 196.75): VDC

Ion 198.05 (197.75 to 198.75): VDC

Ion 200.05 (199.75 to 200.75): VDC

Ion 202.05 (201.75 to 202.75): VDC

Ion 204.05 (203.75 to 204.75): VDC

Ion 206.05 (205.75 to 206.75): VDC

Ion 208.05 (207.75 to 208.75): VDC

Ion 210.05 (209.75 to 210.75): VDC

Ion 212.05 (211.75 to 212.75): VDC

Ion 214.05 (213.75 to 214.75): VDC

Ion 216.05 (215.75 to 216.75): VDC

Ion 218.05 (217.75 to 218.75): VDC

Ion 220.05 (219.75 to 220.75): VDC

Ion 222.05 (221.75 to 222.75): VDC

Ion 224.05 (223.75 to 224.75): VDC

Ion 226.05 (225.75 to 226.75): VDC

Ion 228.05 (227.75 to 228.75): VDC

Ion 230.05 (229.75 to 230.75): VDC

Ion 232.05 (231.75 to 232.75): VDC

Ion 234.05 (233.75 to 234.75): VDC

Ion 236.05 (235.75 to 236.75): VDC

Ion 238.05 (237.75 to 238.75): VDC

Ion 240.05 (239.75 to 240.75): VDC

Ion 242.05 (241.75 to 242.75): VDC

Ion 244.05 (243.75 to 244.75): VDC

Ion 246.05 (245.75 to 246.75): VDC

Ion 248.05 (247.75 to 248.75): VDC

Ion 250.05 (249.75 to 250.75): VDC

Ion 252.05 (251.75 to 252.75): VDC

Ion 254.05 (253.75 to 254.75): VDC

Ion 256.05 (255.75 to 256.75): VDC

Ion 258.05 (257.75 to 258.75): VDC

Ion 260.05 (259.75 to 260.75): VDC

Ion 262.05 (261.75 to 262.75): VDC

Ion 264.05 (263.75 to 264.75): VDC

Ion 266.05 (265.75 to 266.75): VDC

Ion 268.05 (267.75 to 268.75): VDC

Ion 270.05 (269.75 to 270.75): VDC

Ion 272.05 (271.75 to 272.75): VDC

Ion 274.05 (273.75 to 274.75): VDC

Ion 276.05 (275.75 to 276.75): VDC

Ion 278.05 (277.75 to 278.75): VDC

Ion 280.05 (279.75 to 280.75): VDC

Ion 282.05 (281.75 to 282.75): VDC

Ion 284.05 (283.75 to 284.75): VDC

Ion 286.05 (285.75 to 286.75): VDC

Ion 288.05 (287.75 to 288.75): VDC

Ion 290.05 (289.75 to 290.75): VDC

Ion 292.05 (291.75 to 292.75): VDC

Ion 294.05 (293.75 to 294.75): VDC

Ion 296.05 (295.75 to 296.75): VDC

Ion 298.05 (297.75 to 298.75): VDC

Ion 300.05 (299.75 to 300.75): VDC

Ion 302.05 (301.75 to 302.75): VDC

Ion 304.05 (303.75 to 304.75): VDC

Ion 306.05 (305.75 to 306.75): VDC

Ion 308.05 (307.75 to 308.75): VDC

Ion 310.05 (309.75 to 310.75): VDC

Ion 312.05 (311.75 to 312.75): VDC

Ion 314.05 (313.75 to 314.75): VDC

Ion 316.05 (315.75 to 316.75): VDC

Ion 318.05 (317.75 to 318.75): VDC

Ion 320.05 (319.75 to 320.75): VDC

Ion 322.05 (321.75 to 322.75): VDC

Ion 324.05 (323.75 to 324.75): VDC

Ion 326.05 (325.75 to 326.75): VDC

Ion 328.05 (327.75 to 328.75): VDC

Ion 330.05 (329.75 to 330.75): VDC

Ion 332.05 (331.75 to 332.75): VDC

Ion 334.05 (333.75 to 334.75): VDC

Ion 336.05 (335.75 to 336.75): VDC

Ion 338.05 (337.75 to 338.75): VDC

Ion 340.05 (339.75 to 340.75): VDC

Ion 342.05 (341.75 to 342.75): VDC

Ion 344.05 (343.75 to 344.75): VDC

Ion 346.05 (345.75 to 346.75): VDC

Ion 348.05 (347.75 to 348.75): VDC

Ion 350.05 (349.75 to 350.75): VDC

Ion 352.05 (351.75 to 352.75): VDC

Ion 354.05 (353.75 to 354.75): VDC

Ion 356.05 (355.75 to 356.75): VDC

Ion 358.05 (357.75 to 358.75): VDC

Ion 360.05 (359.75 to 360.75): VDC

Ion 362.05 (361.75 to 362.75): VDC

Ion 364.05 (363.75 to 364.75): VDC

Ion 366.05 (365.75 to 366.75): VDC

Ion 368.05 (367.75 to 368.75): VDC

Ion 370.05 (369.75 to 370.75): VDC

Ion 372.05 (371.75 to 372.75): VDC

Ion 374.05 (373.75 to 374.75): VDC

Ion 376.05 (375.75 to 376.75): VDC

Ion 378.05 (377.75 to 378.75): VDC

Ion 380.05 (379.75 to 380.75): VDC

Ion 382.05 (381.75 to 382.75): VDC

Ion 384.05 (383.75 to 384.75): VDC

Ion 386.05 (385.75 to 386.75): VDC

Ion 388.05 (387.75 to 388.75): VDC

Ion 390.05 (389.75 to 390.75): VDC

Ion 392.05 (391.75 to 392.75): VDC

Ion 394.05 (393.75 to 394.75): VDC

Ion 396.05 (395.75 to 396.75): VDC

Ion 398.05 (397.75 to 398.75): VDC

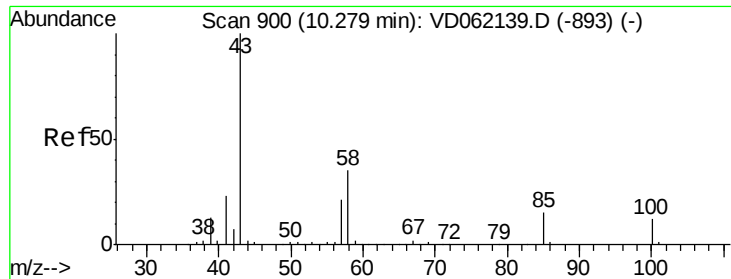
Ion 400.05 (399.75 to 400.75): VDC

Ion 402.05 (401.75 to 402.75): VDC

Ion 404.05 (403.75 to 404.75): VDC

Ion 406.05 (405.75 to 406.75): VDC

Ion 408.05 (407.75 to



#51

4-Methyl-2-Pentanone

Concen: 7.642 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.13 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

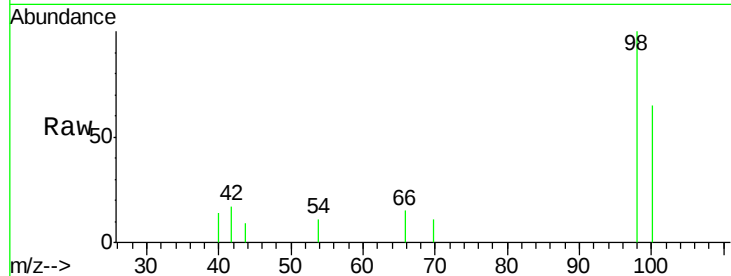
P026-SS004-1824-01RE

Tot Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.41

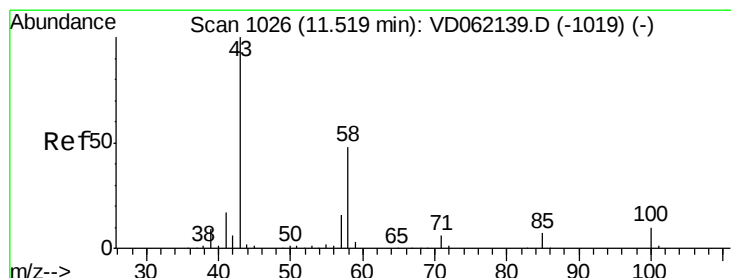
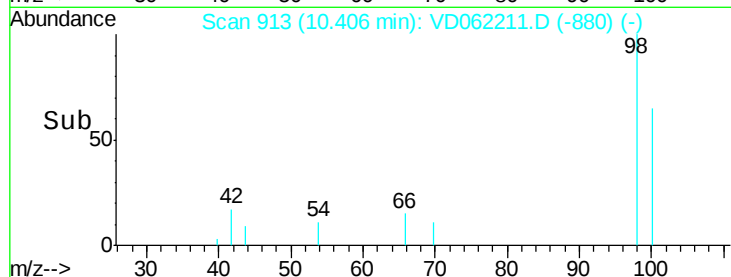
300

200

100

0

Time-->



#59

2-Hexanone

Concen: 11.699 ug/l

RT: 11.43 min Scan# 1017

Delta R.T. -0.09 min

Lab File: VD062211.D

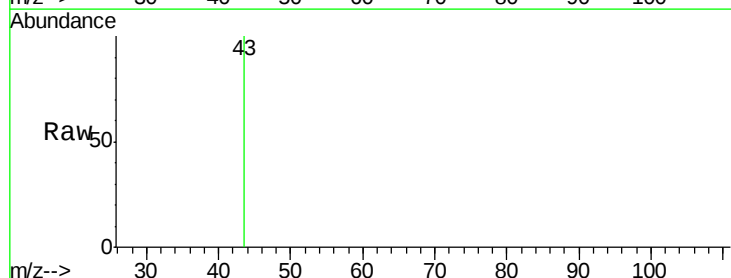
Acq: 10 May 2019 13:12

Tgt Ion: 43 Resp: 211

Ion Ratio Lower Upper

43 100

58 0.0 25.4 76.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

11.43

400

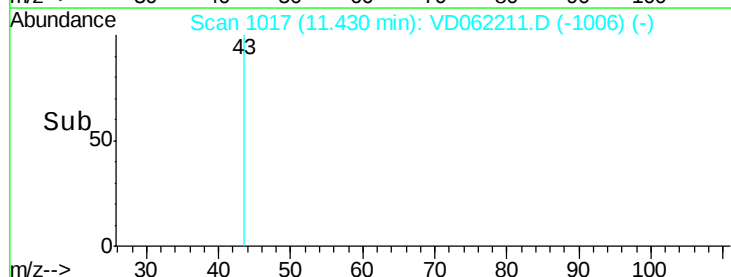
300

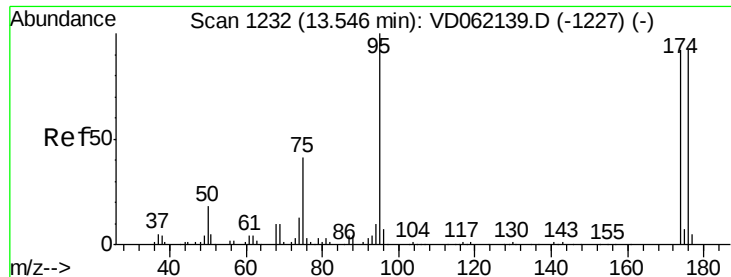
200

100

0

Time-->

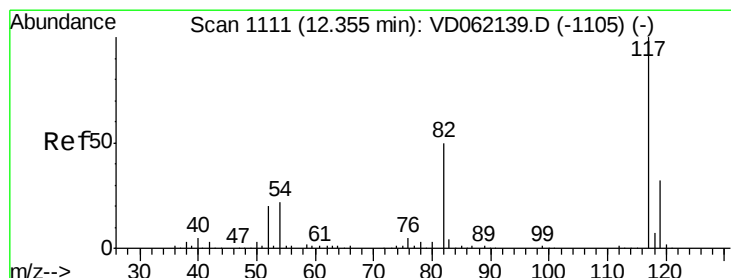
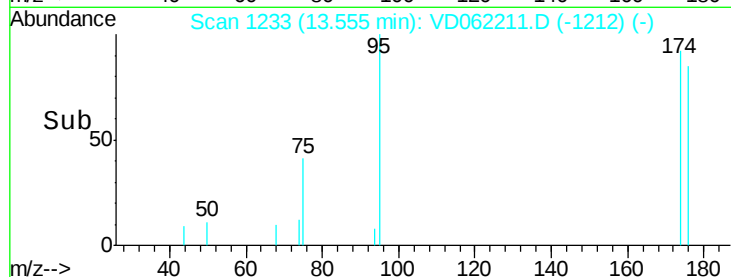
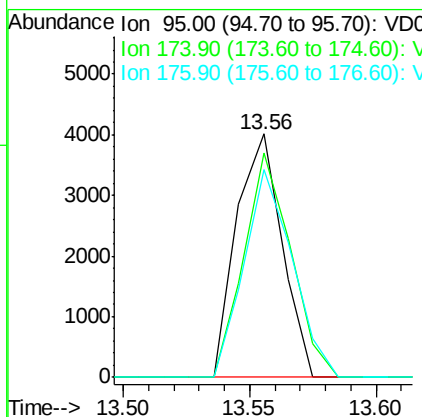
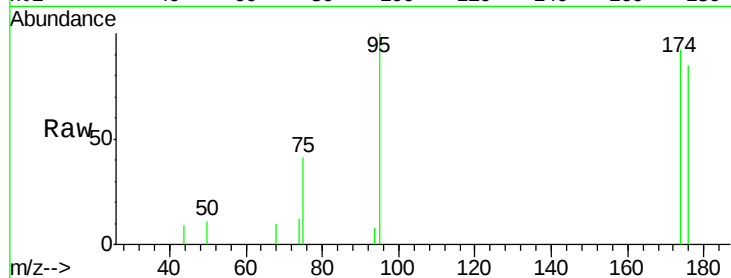




#62
4-Bromofluorobenzene
Concen: 80.833 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062211.D
Acq: 10 May 2019 13:12

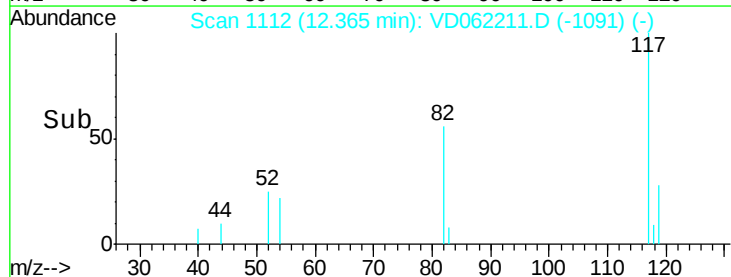
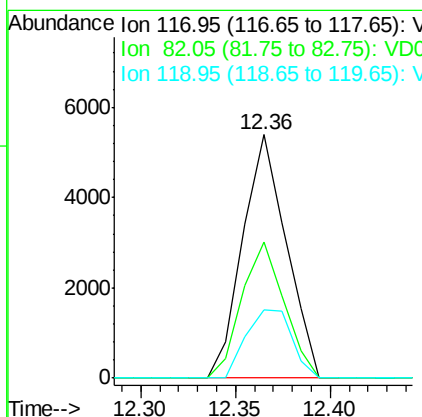
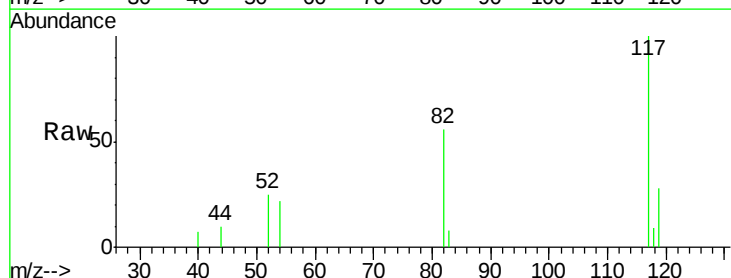
Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-1824-01RE

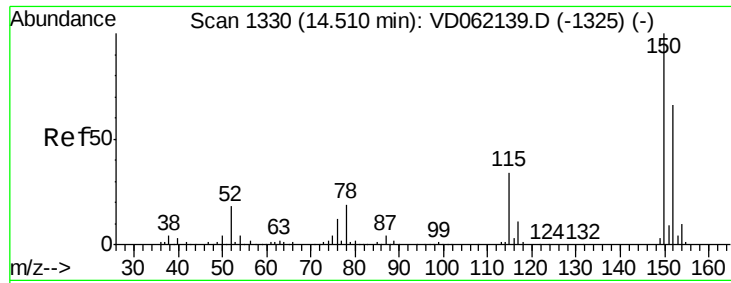
Tot Ion: 95 Resp: 5013
Ion Ratio Lower Upper
95 100
174 92.0 0.0 181.8
176 85.4 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062211.D
Acq: 10 May 2019 13:12

Tgt Ion: 117 Resp: 8609
Ion Ratio Lower Upper
117 100
82 56.0 36.2 54.2#
119 28.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1824-01RE

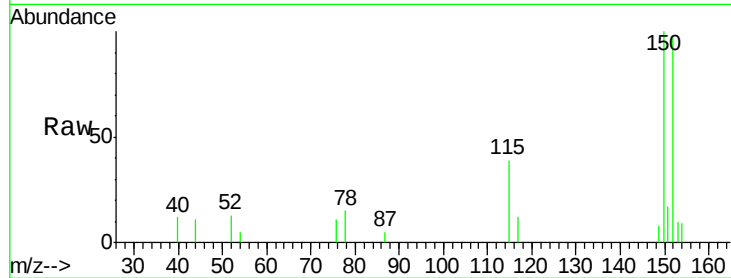
Tot Ion:152 Resp: 6012

Ion Ratio Lower Upper

152 100

115 40.0 30.9 92.7

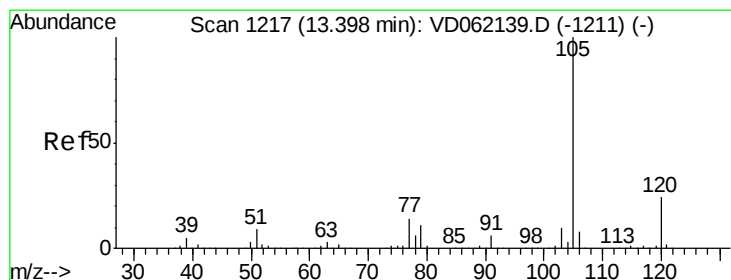
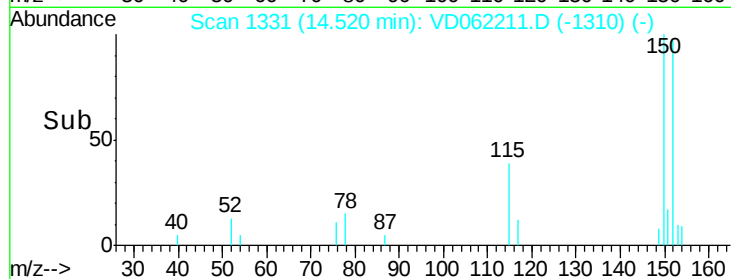
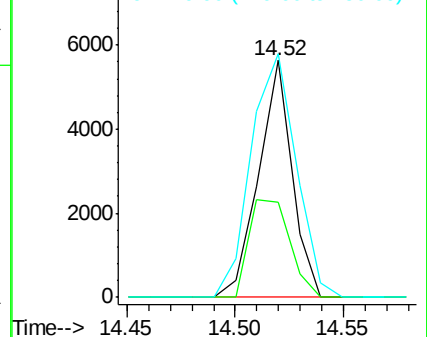
150 102.8 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.335 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD062211.D

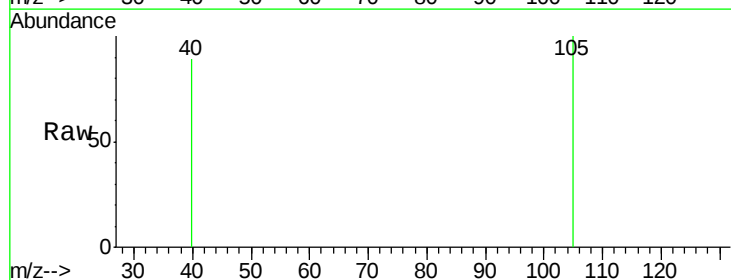
Acq: 10 May 2019 13:12

Tgt Ion:105 Resp: 481

Ion Ratio Lower Upper

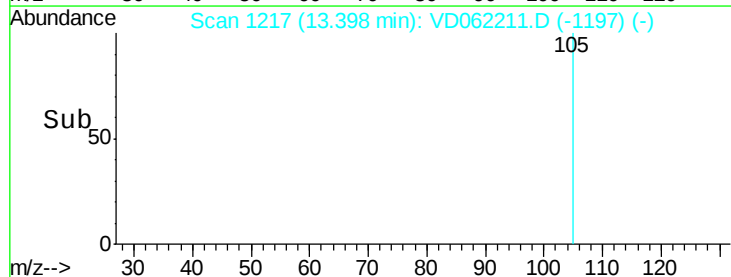
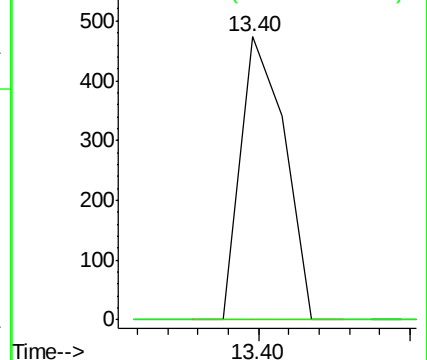
105 100

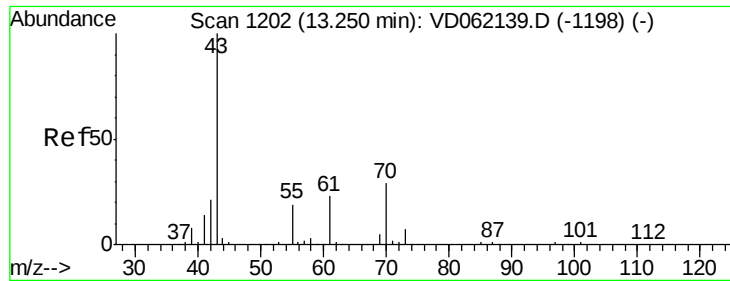
120 0.0 12.0 36.1#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 2.011 ug/l

RT: 13.16 min Scan# 1193

Delta R.T. -0.09 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1824-01RE

Tot Ion: 43 Resp: 190

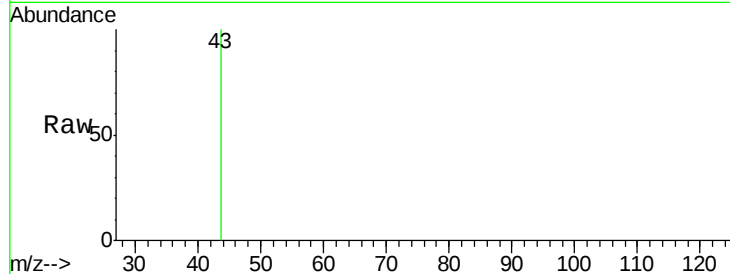
Ion Ratio Lower Upper

43 100

70 0.0 24.2 36.4#

55 0.0 16.0 24.0#

61 0.0 21.6 32.4#

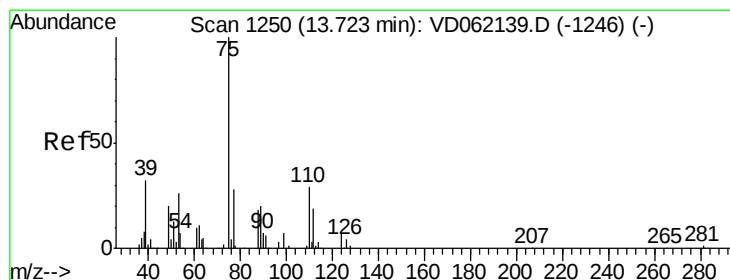
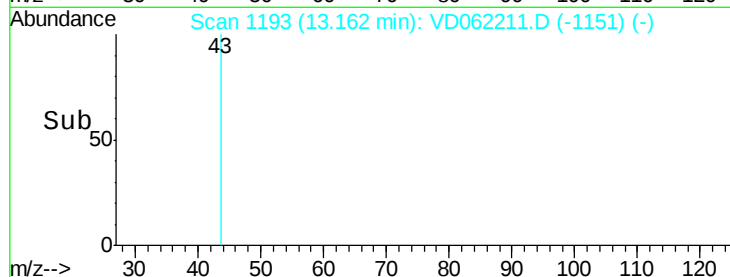
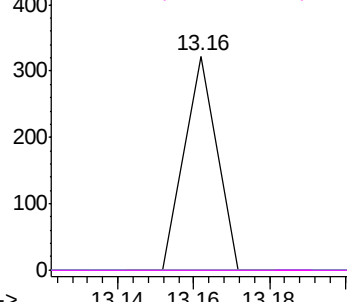


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#76

1,2,3-Trichloropropane

Concen: 17.859 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062211.D

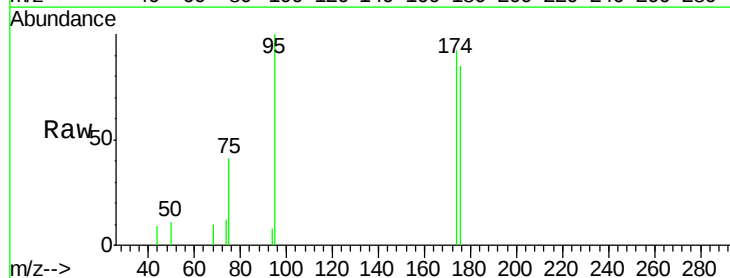
Acq: 10 May 2019 13:12

Tgt Ion: 75 Resp: 1276

Ion Ratio Lower Upper

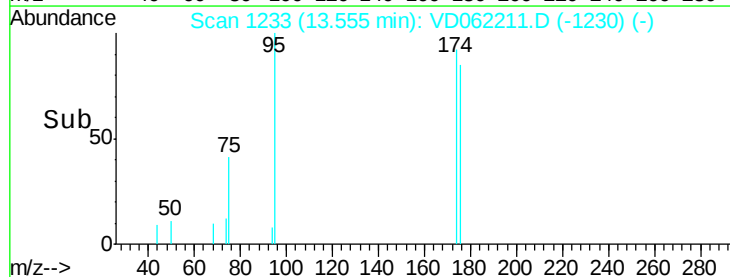
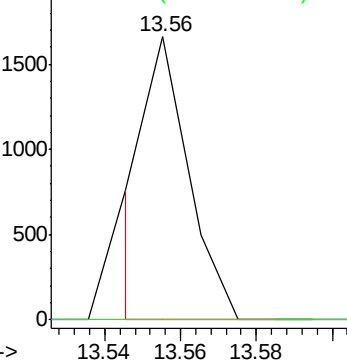
75 100

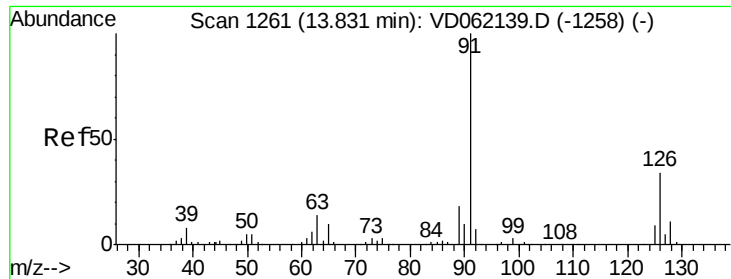
77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#79

2-Chlorotoluene

Concen: 1.154 ug/l

RT: 13.84 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

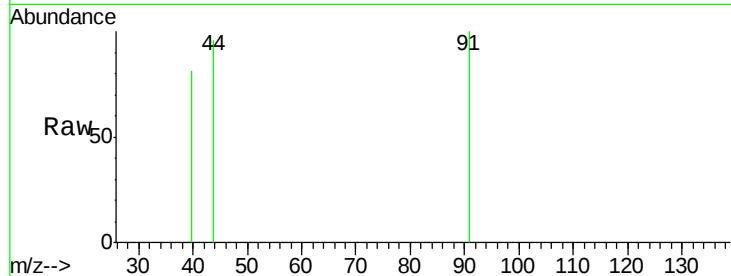
P026-SS004-1824-01RE

Tot Ion: 91 Resp: 284

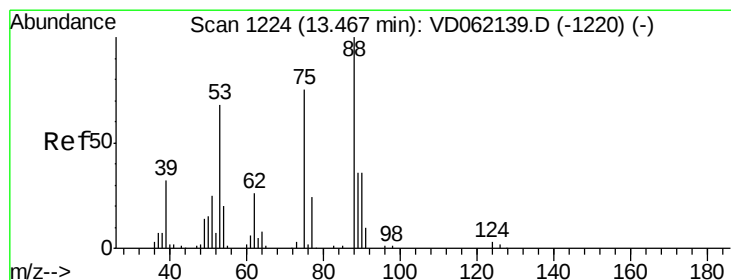
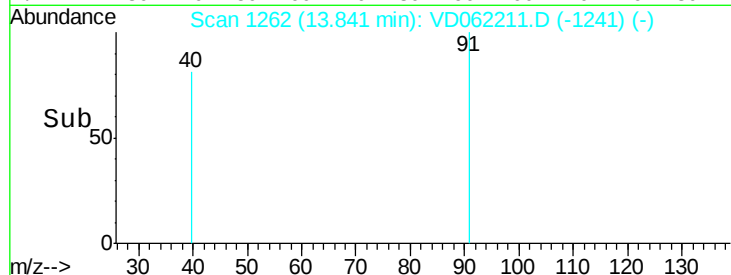
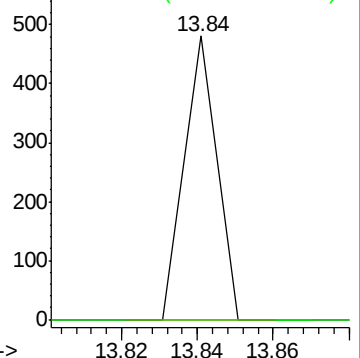
Ion Ratio Lower Upper

91 100

126 0.0 18.6 55.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 85.572 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062211.D

Acq: 10 May 2019 13:12

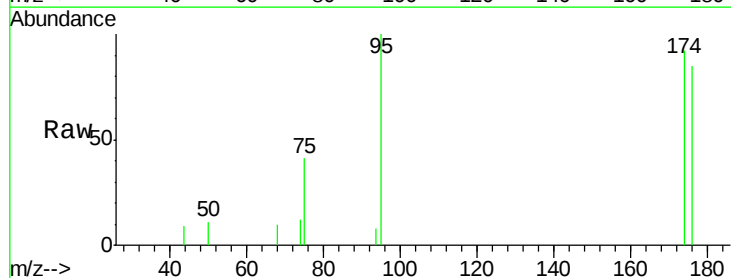
Tgt Ion: 75 Resp: 1726

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

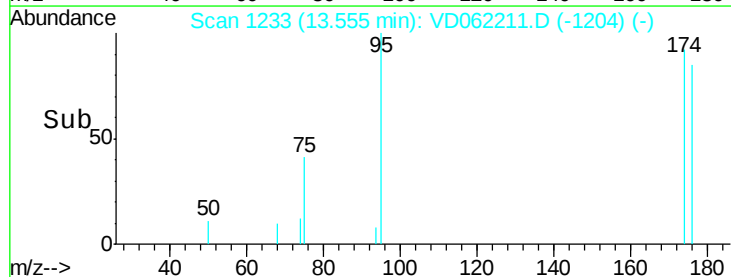
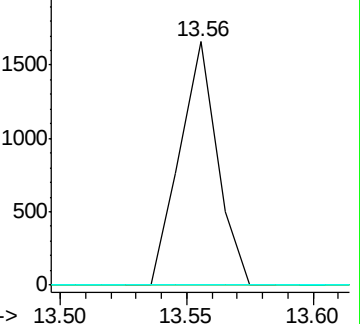
89 0.0 35.0 52.6#

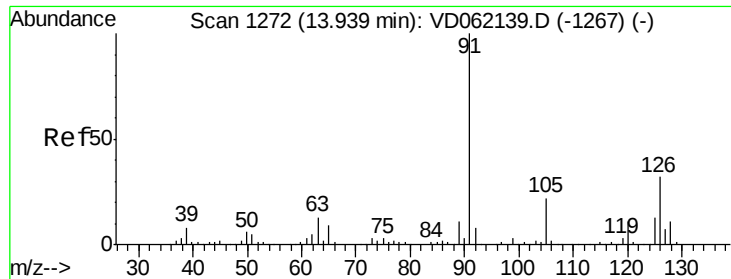


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

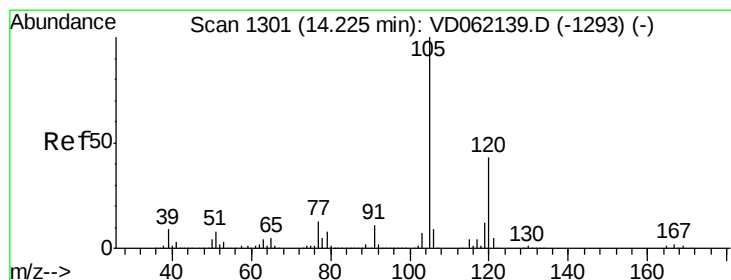
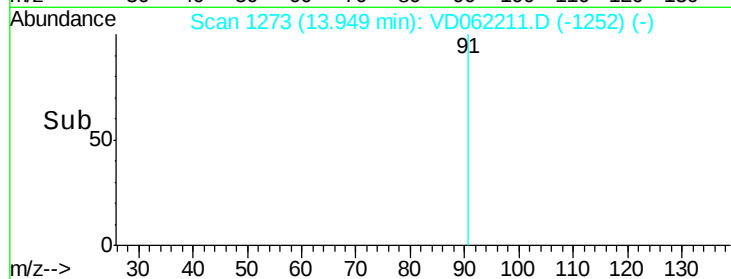
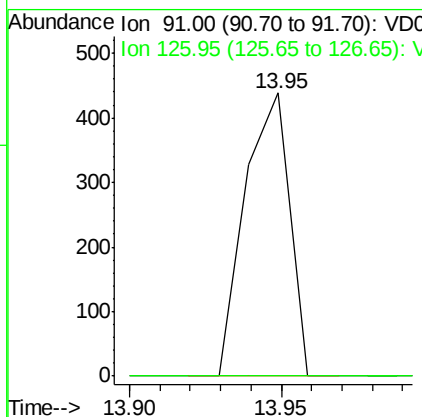
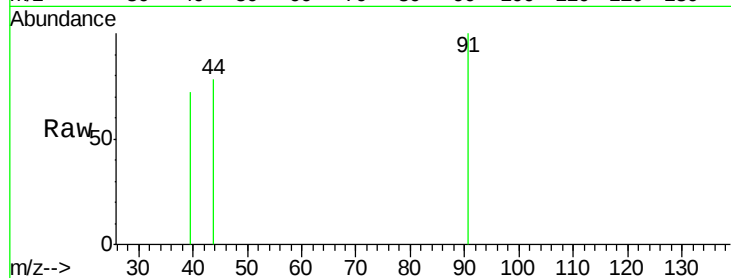




#82
 4-Chlorotoluene
 Concen: 1.560 ug/l
 RT: 13.95 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VD062211.D
 Acq: 10 May 2019 13:12

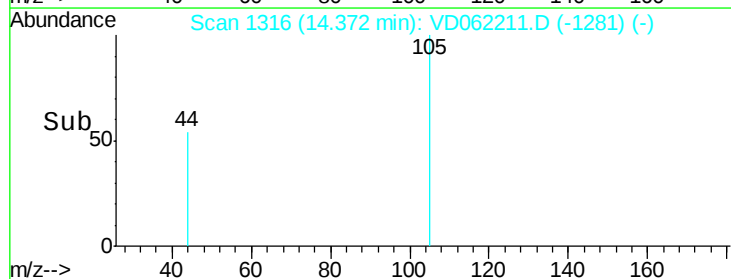
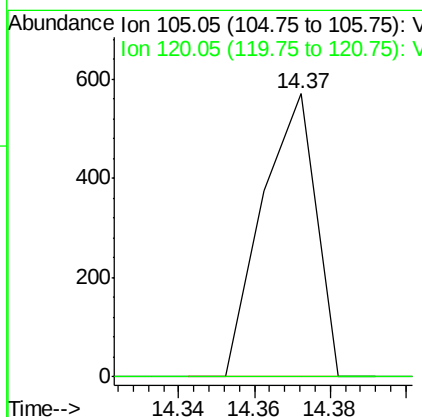
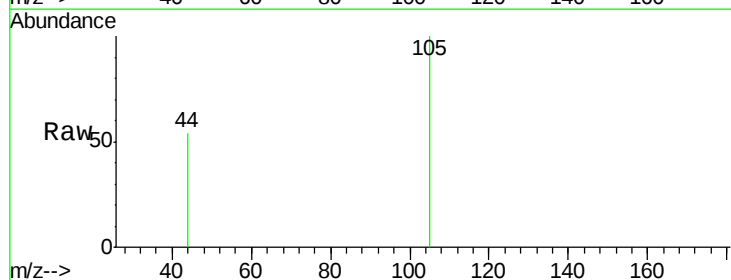
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1824-01RE

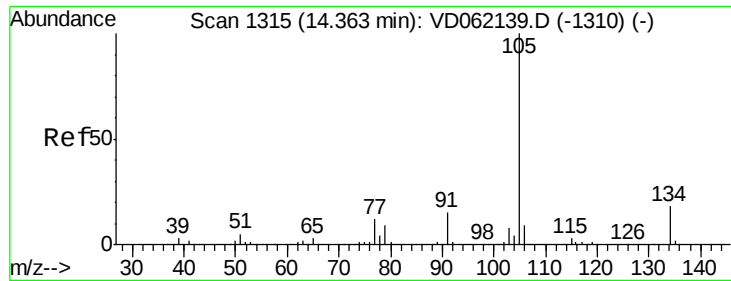
Tot Ion: 91 Resp: 452
 Ion Ratio Lower Upper
 91 100
 126 0.0 19.1 57.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.836 ug/l
 RT: 14.37 min Scan# 1316
 Delta R.T. 0.15 min
 Lab File: VD062211.D
 Acq: 10 May 2019 13:12

Tgt Ion: 105 Resp: 559
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.1 69.2#

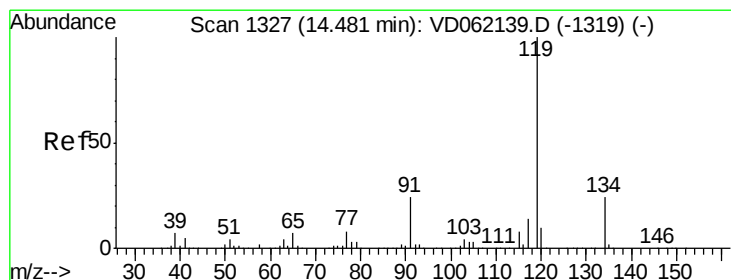
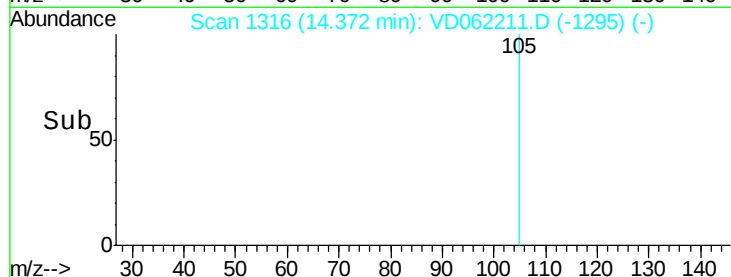
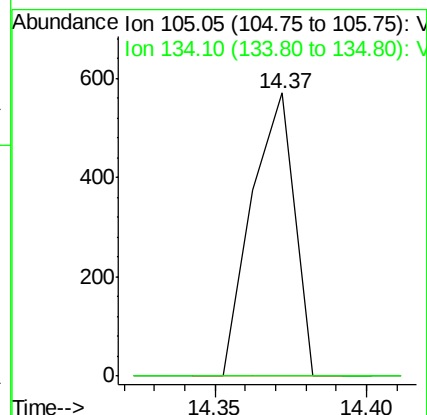
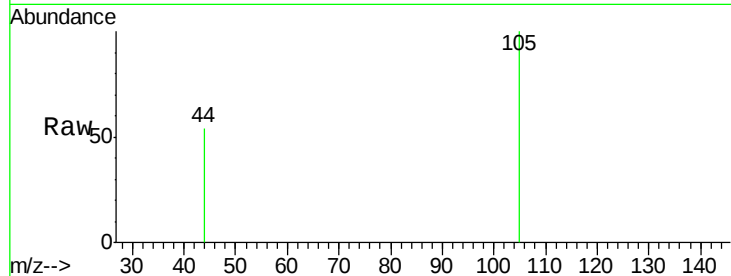




#85
 sec-Butylbenzene
 Concen: 1.495 ug/l
 RT: 14.37 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD062211.D
 Acq: 10 May 2019 13:12

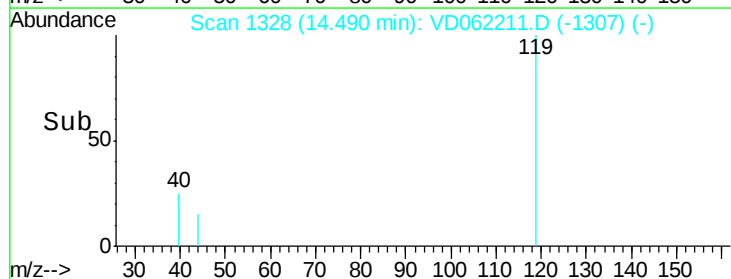
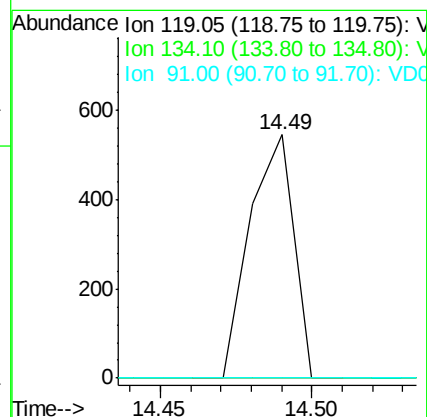
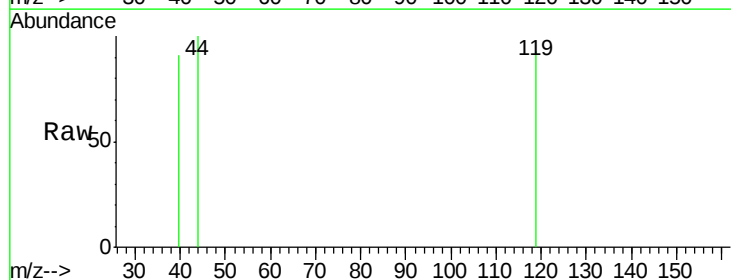
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1824-01RE

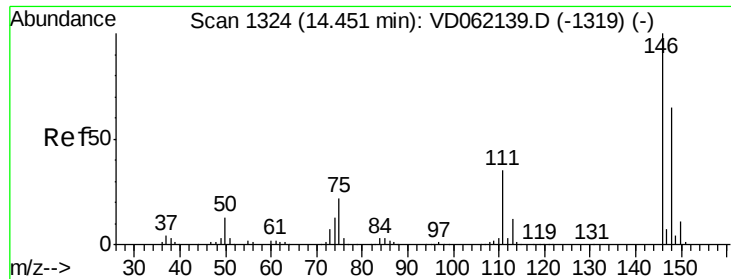
Tot Ion:105 Resp: 559
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.9 26.7#



#86
 p-Isopropyltoluene
 Concen: 1.655 ug/l
 RT: 14.49 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD062211.D
 Acq: 10 May 2019 13:12

Tgt Ion:119 Resp: 553
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 0.0 10.7 32.1#

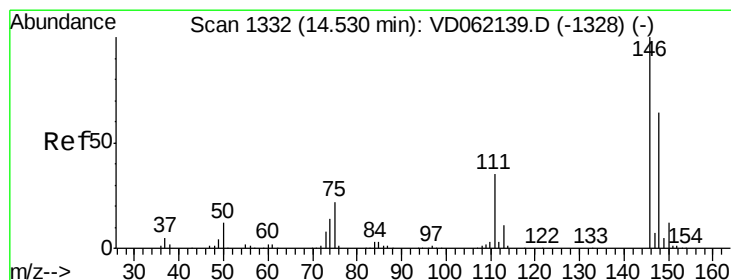
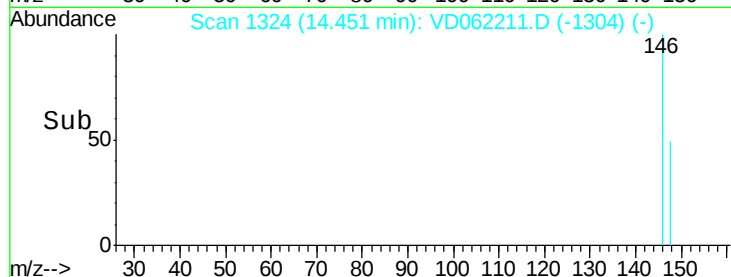
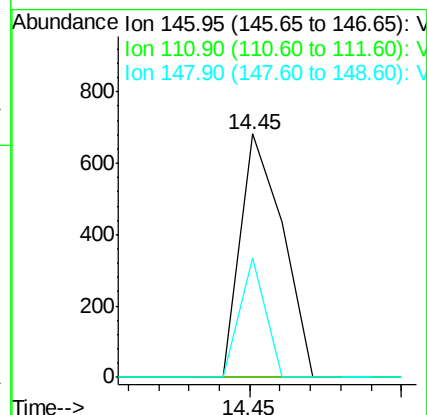
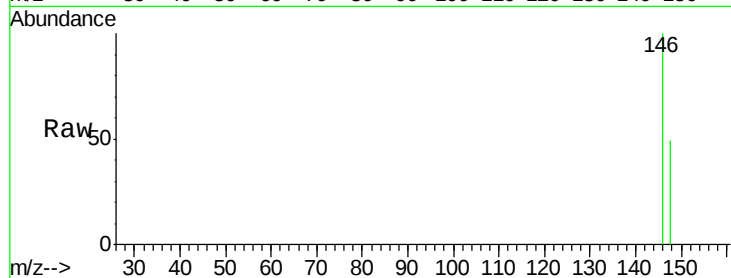




#87
 1,3-Dichlorobenzene
 Concen: 3.576 ug/l
 RT: 14.45 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD062211.D
 Acq: 10 May 2019 13:12

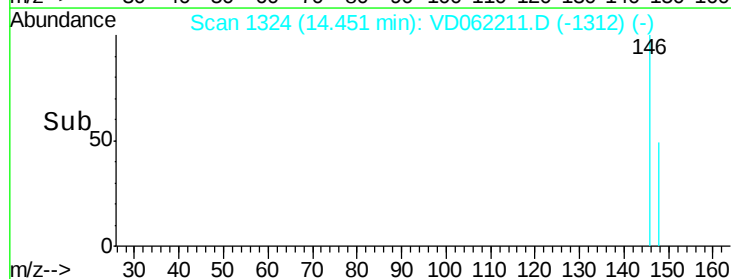
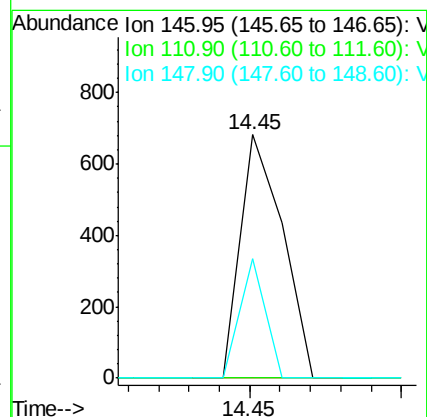
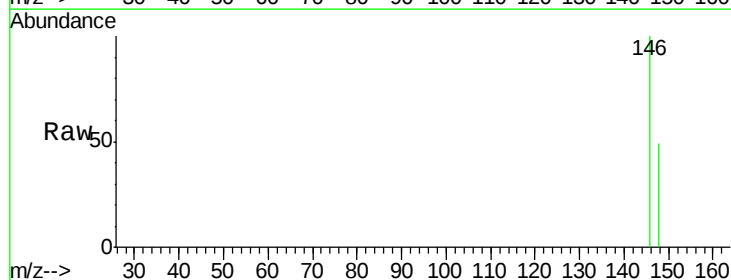
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1824-01RE

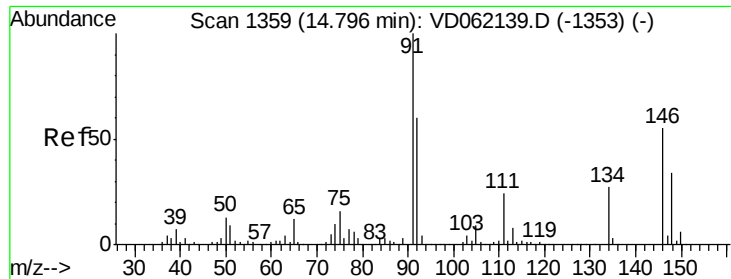
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	60.0#
148	49.1	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 3.639 ug/l
 RT: 14.45 min Scan# 1324
 Delta R.T. -0.08 min
 Lab File: VD062211.D
 Acq: 10 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.2	60.5#
148	49.1	32.0	96.2

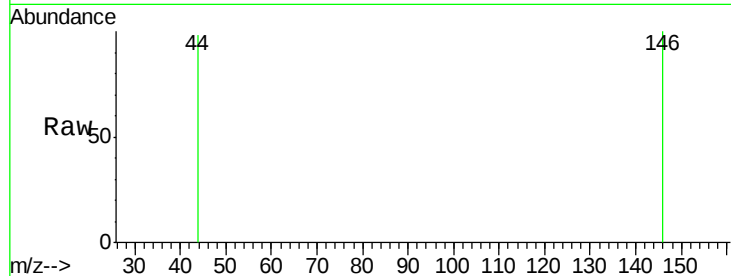




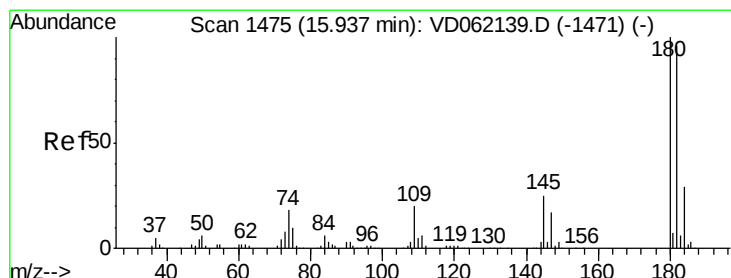
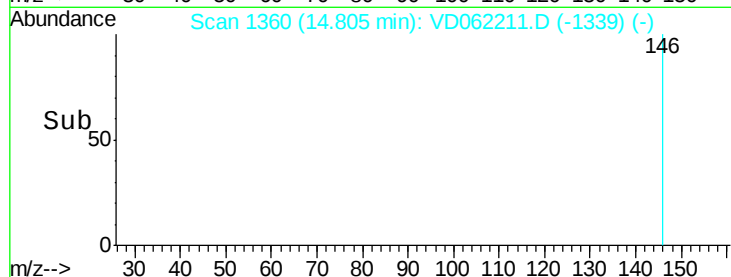
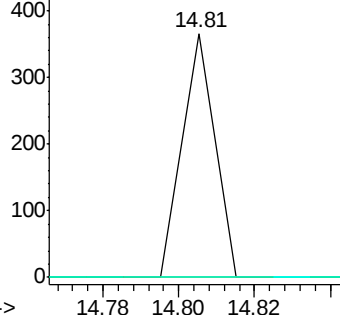
#91
 1,2-Dichlorobenzene
 Concen: 1.423 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VD062211.D
 Acq: 10 May 2019 13:12

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-1824-01RE

Tot Ion:146 Resp: 216
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 59.9#
 148 0.0 32.3 96.8#

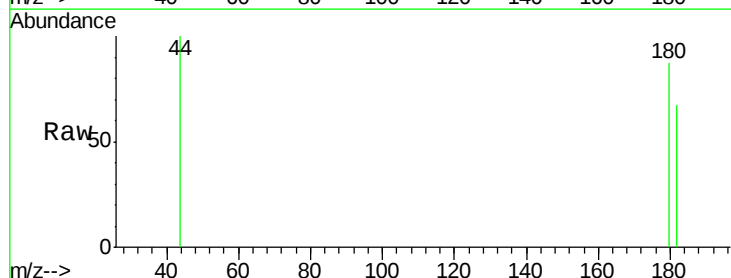


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

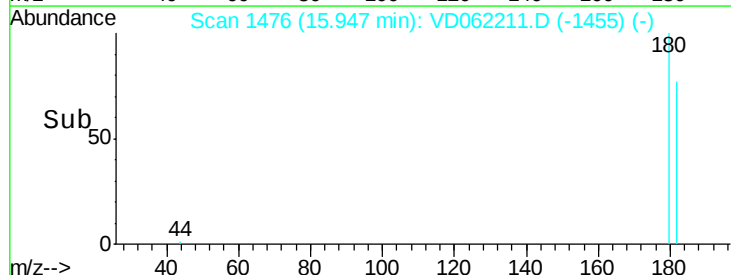
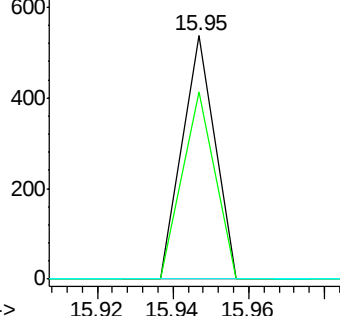


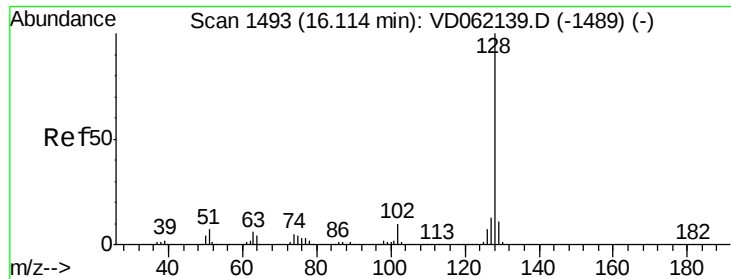
#93
 1,2,4-Trichlorobenzene
 Concen: 2.870 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD062211.D
 Acq: 10 May 2019 13:12

Tgt Ion:180 Resp: 317
 Ion Ratio Lower Upper
 180 100
 182 77.1 49.3 147.8
 145 0.0 16.2 48.6#



Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V





#95

Naphthalene

Concen: 2.632 ug/l

RT: 16.12 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD062211.D

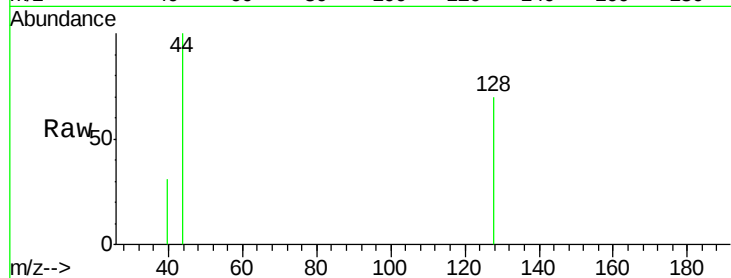
Acq: 10 May 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-1824-01RE



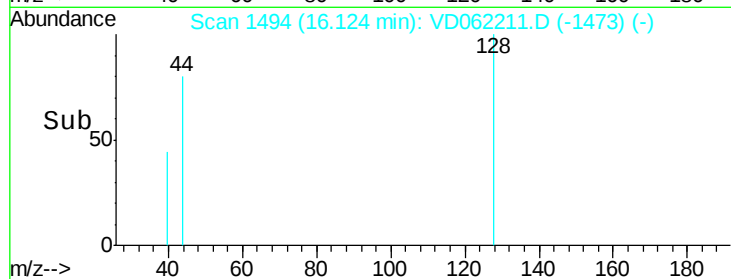
Tot Ion:128 Resp: 406

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

